

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119018.D
 Acq On : 24 Feb 2020 12:26
 Operator : CG/JU
 Sample : L1362-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Manual Integrations
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 2/25/2020 4:19:09 PM

Quant Time: Feb 25 00:40:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	205279	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	774649	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	421083	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	762144	20.00	ng	0.00
76) Chrysene-d12	13.92	240	501583	20.00	ng	0.00
87) Perylene-d12	15.34	264	452764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1459888	118.85	ng	0.03
7) Phenol-d6	6.41	99	1666504	111.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	1307471	89.12	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	705908	128.15	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2487265	87.02	ng	0.00
79) Terphenyl-d14	12.86	244	2753121	94.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	213051	38.956	ng	# 88
3) Pyridine	3.38	79	347413	23.260	ng	99
4) n-Nitrosodimethylamine	3.30	42	212916	47.058	ng	96
6) Aniline	6.42	93	273368	14.830	ng	# 1
8) 2-Chlorophenol	6.55	128	665129	50.175	ng	98
9) Benzaldehyde	6.30	77	246940	24.741	ng	98
10) Phenol	6.42	94	658239	40.753	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	631196	51.074	ng	99
12) 1,3-Dichlorobenzene	6.70	146	670957	42.229	ng	99
13) 1,4-Dichlorobenzene	6.77	146	681754	42.879	ng	98
14) 1,2-Dichlorobenzene	6.93	146	623284	42.984	ng	99
15) Benzyl Alcohol	6.91	79	550294	50.968	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	495887	46.321	ng	# 47
17) 2-Methylphenol	7.03	107	518500	48.243	ng	# 91
18) Hexachloroethane	7.27	117	242274	42.592	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	434778	49.946	ng	98
20) 3+4-Methylphenols	7.18	107	613256	46.574	ng	# 77
22) Acetophenone	7.17	105	878698	49.025	ng	95
24) Nitrobenzene	7.35	77	674670	46.502	ng	100
25) Isophorone	7.59	82	1239743	48.656	ng	99
26) 2-Nitrophenol	7.66	139	373844	48.631	ng	94
27) 2,4-Dimethylphenol	7.70	122	556882	53.377	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	752414	45.368	ng	99
29) 2,4-Dichlorophenol	7.90	162	581217	47.322	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	642797	44.141	ng	99
31) Naphthalene	8.06	128	1845907	45.947	ng	99
32) Benzoic acid	7.86	122	325553	43.493	ng	98
33) 4-Chloroaniline	8.11	127	196439	11.368	ng	99
34) Hexachlorobutadiene	8.18	225	383798	42.311	ng	98
35) Caprolactam	8.50	113	135031m	35.705	ng	
36) 4-Chloro-3-methylphenol	8.61	107	593480	47.745	ng	98
37) 2-Methylnaphthalene	8.76	142	1289821	47.707	ng	99
38) 1-Methylnaphthalene	8.85	142	1210290	47.600	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	640227	45.095	ng	99

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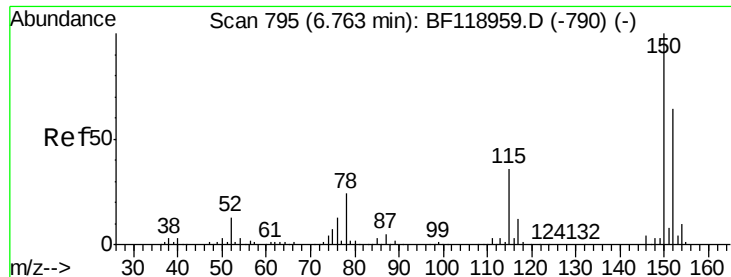
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Quant Time: Feb 25 00:40:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	435740	83.812	nq	95
43) 2,4,6-Trichlorophenol	9.04	196	418801	46.713	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	435943	46.338	nq	95
46) 1,1'-Biphenyl	9.22	154	1545683	45.418	nq	98
47) 2-Chloronaphthalene	9.25	162	1234645	45.019	nq	99
48) 2-Nitroaniline	9.34	65	345851	45.214	nq	97
49) Acenaphthylene	9.66	152	1865152	47.089	nq	100
50) Dimethylphthalate	9.53	163	1533237	47.617	nq	100
51) 2,6-Dinitrotoluene	9.59	165	337466	47.173	nq	100
52) Acenaphthene	9.83	154	1097117	45.935	nq	99
53) 3-Nitroaniline	9.75	138	148017	18.664	nq	99
54) 2,4-Dinitrophenol	9.87	184	338082	95.626	nq	97
55) Dibenzofuran	10.00	168	1621900	45.496	nq	98
56) 4-Nitrophenol	9.94	139	394797	82.854	nq	98
57) 2,4-Dinitrotoluene	10.00	165	419173	45.206	nq	# 88
58) Fluorene	10.35	166	1276712	46.089	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	374715	47.203	nq	98
60) Diethylphthalate	10.22	149	1393596	45.926	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	658096	44.882	nq	97
62) 4-Nitroaniline	10.37	138	319786	39.411	nq	98
63) Azobenzene	10.49	77	1236034	46.863	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	249346	54.067	nq	95
66) n-Nitrosodiphenylamine	10.46	169	1166497	46.743	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	450435	45.214	nq	98
68) Hexachlorobenzene	10.90	284	513294	44.689	nq	97
69) Atrazine	10.99	200	405801	46.541	nq	99
70) Pentachlorophenol	11.09	266	473897	102.424	nq	99
71) Phenanthrene	11.30	178	1875394	45.121	nq	98
72) Anthracene	11.36	178	1941693	46.755	nq	99
73) Carbazole	11.51	167	1691277	45.714	nq	100
74) Di-n-butylphthalate	11.84	149	2022821	45.148	nq	99
75) Fluoranthene	12.49	202	1956624	44.349	nq	99
77) Benzidine	12.60	184	217467	10.661	nq	99
78) Pyrene	12.72	202	1942364	48.226	nq	99
80) Butylbenzylphthalate	13.33	149	826638	48.766	nq	95
81) Benzo(a)anthracene	13.90	228	1622841	47.485	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	332886	25.084	nq	99
83) Chrysene	13.94	228	1575503	46.265	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1060959	49.542	nq	100
85) Di-n-octyl phthalate	14.50	149	1667603	48.873	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1463258	44.377	nq	98
88) Benzo(b)fluoranthene	14.94	252	1539329	51.580	nq	99
89) Benzo(k)fluoranthene	14.97	252	1316167	47.589	nq	99
90) Benzo(a)pyrene	15.29	252	1264659	46.953	nq	99
91) Dibenzo(a,h)anthracene	16.77	278	1220699	51.507	nq	98
92) Benzo(g,h,i)perylene	17.19	276	1249635	53.366	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

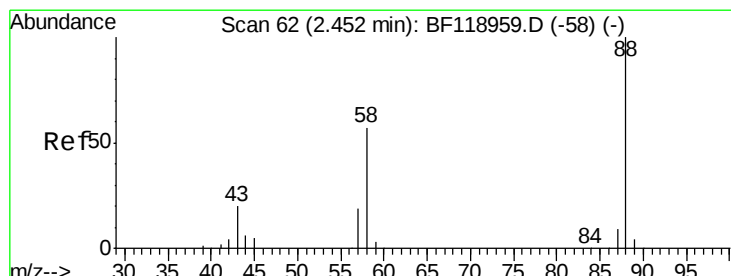
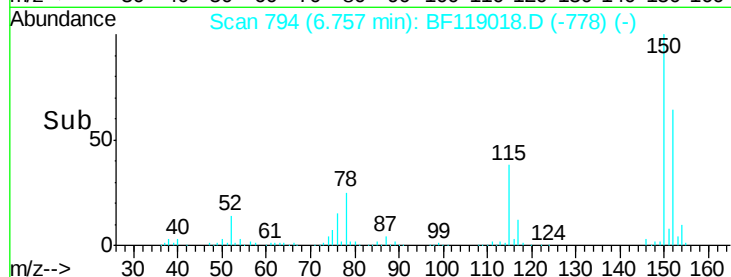
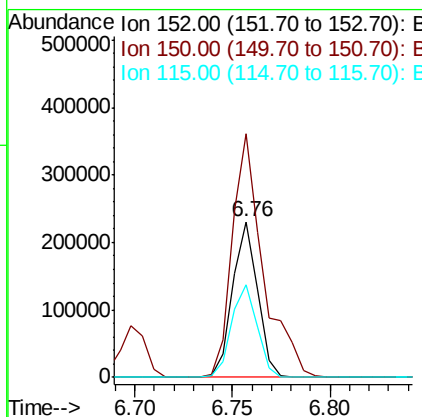
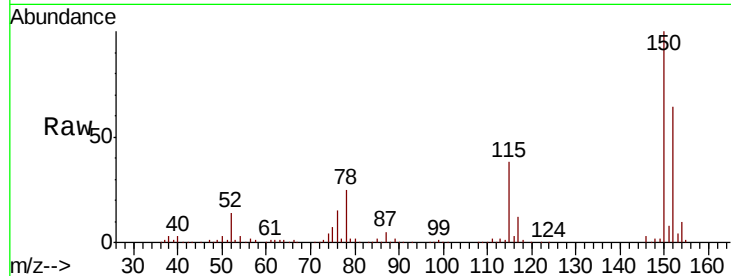
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	59.6	44.6	67.0

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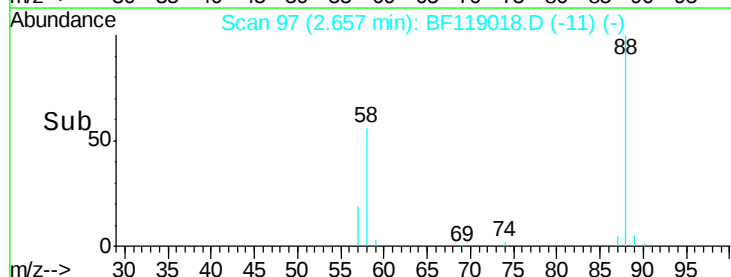
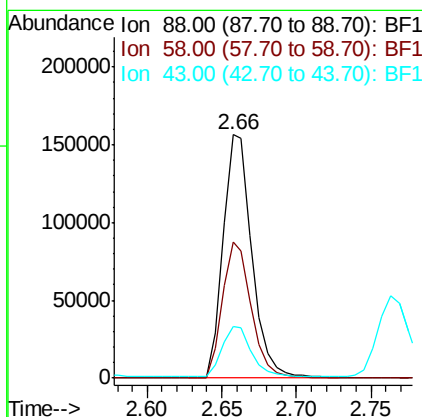
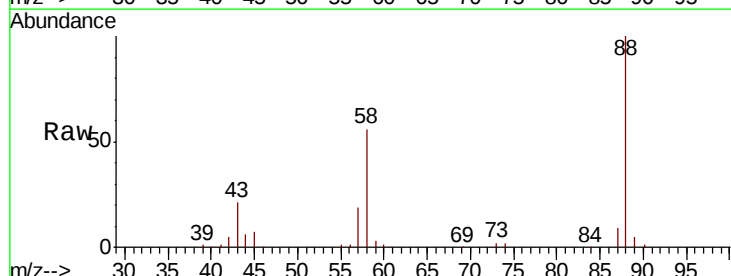
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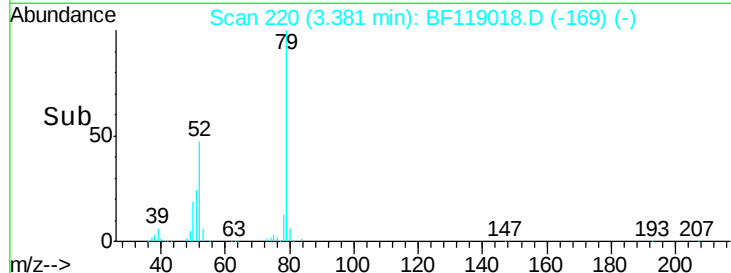
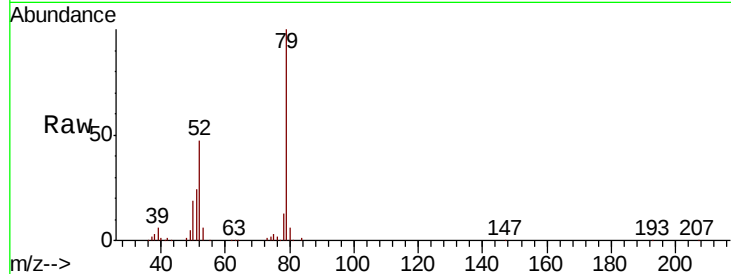
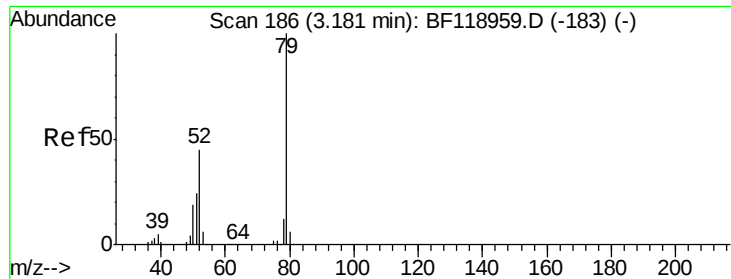


#2

1,4-Dioxane
Concen: 38.956 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.21 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	44.6	66.8
43	0.0	16.0	24.0#





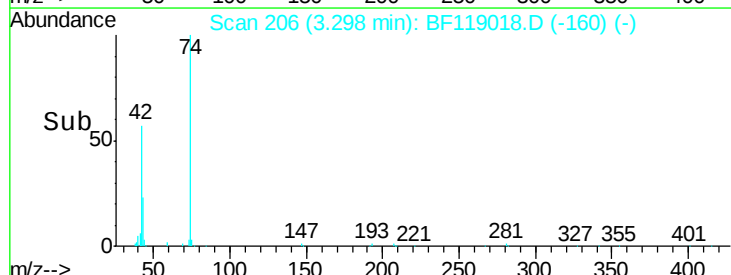
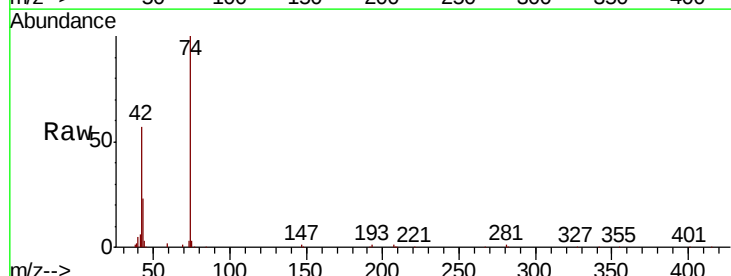
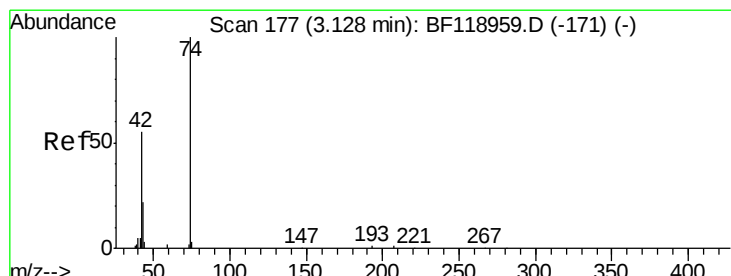
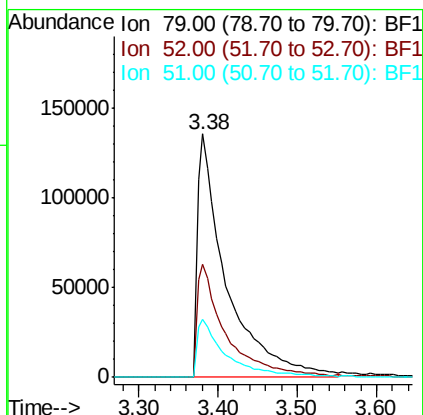
#3
Pvridine
Concen: 23.260 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.20 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	347413		
52	52	46.6		36.3	54.5
51	51	24.1		19.5	29.3

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

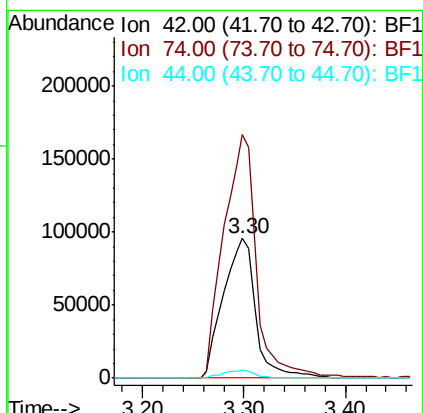
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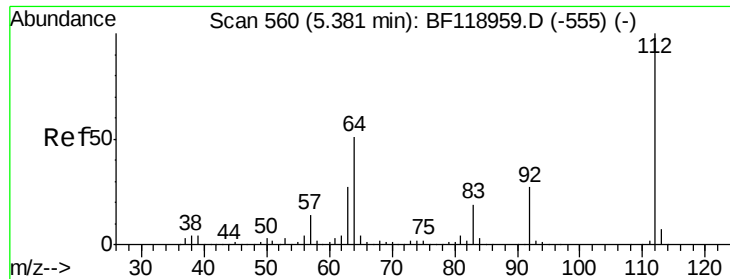
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#4
n-Nitrosodimethylamine
Concen: 47.058 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.17 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	212916		
74	74	174.2		144.4	216.6
44	44	5.6		4.5	6.7





#5

2-Fluorophenol

Concen: 118.850 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion: 112 Resp: 1459888

Ion Ratio Lower Upper

112 100

64 54.1 40.4 60.6

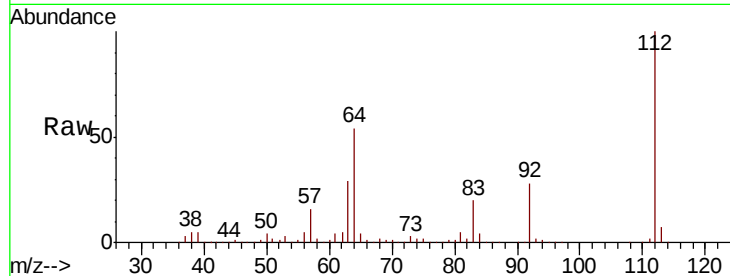
63 28.9 21.3 31.9

Manual Integrations

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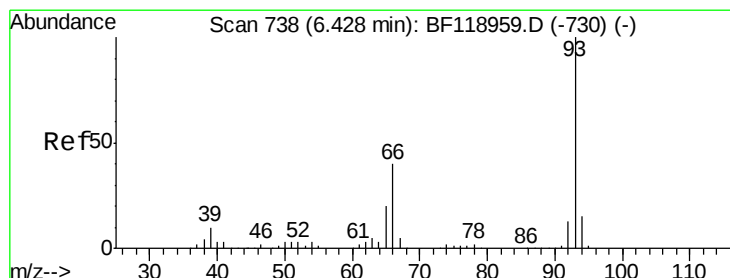
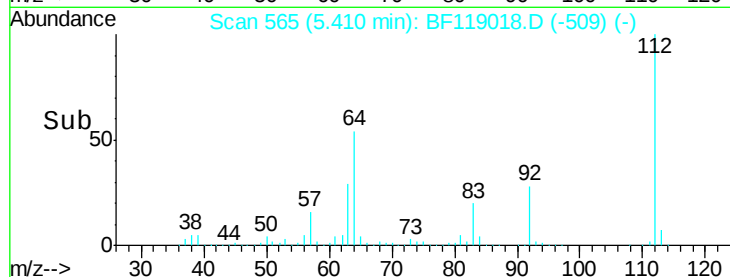
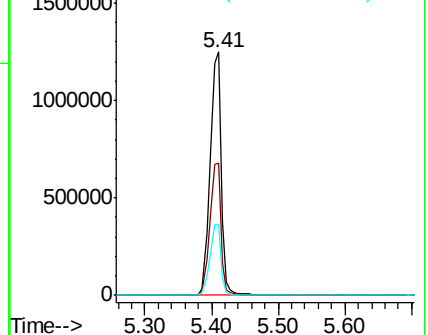
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.830 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

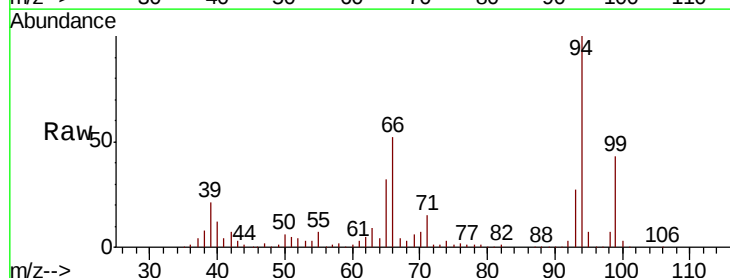
Tgt Ion: 93 Resp: 273368

Ion Ratio Lower Upper

93 100

66 192.5 32.2 48.2#

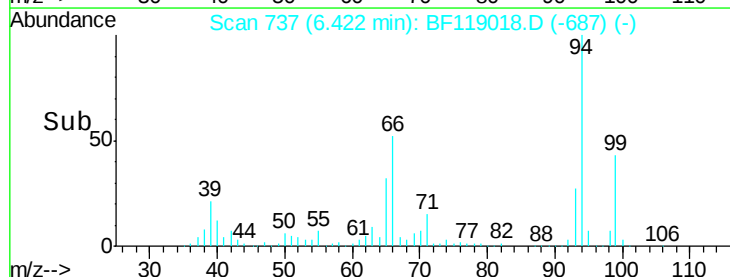
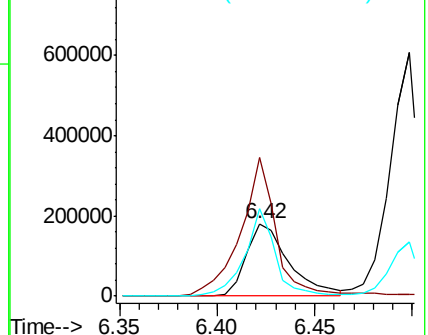
65 120.5 16.1 24.1#

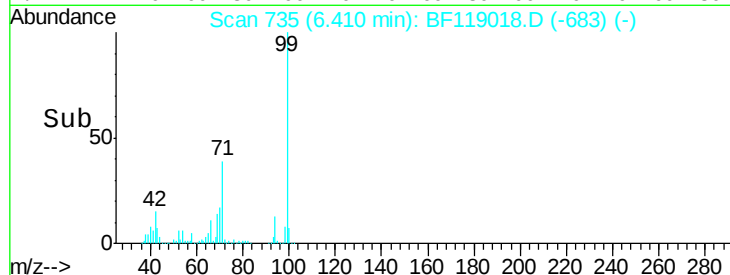
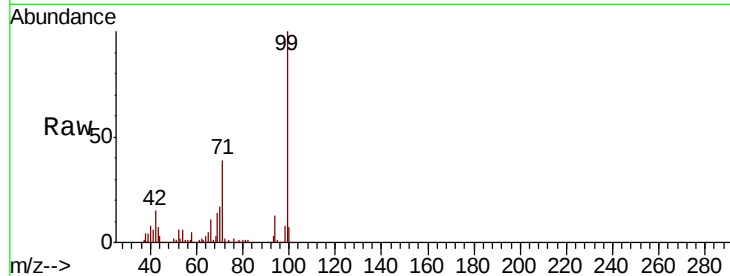
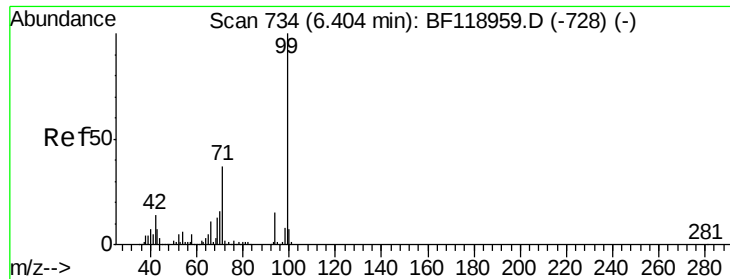


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.554 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tot Ion:	99	Resp:	1666504
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.4	17.0
71	39.2	29.8	44.6

Instrument :

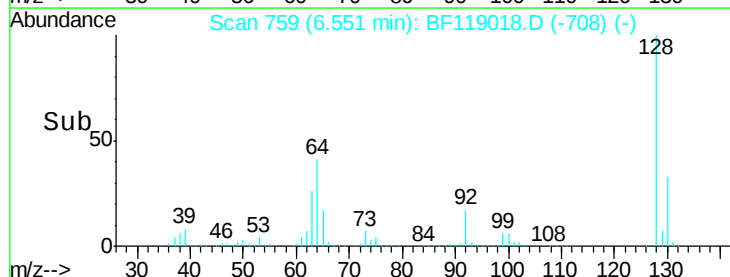
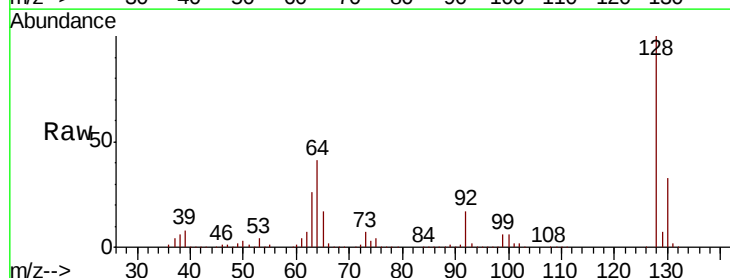
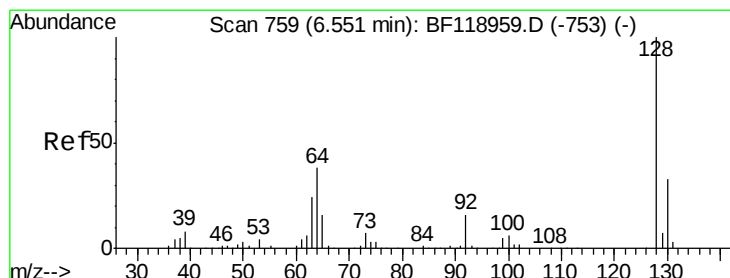
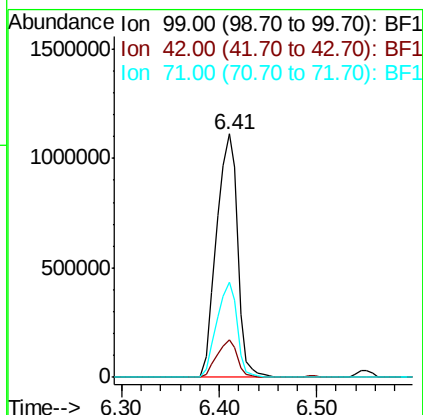
BNA_F

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#8

2-Chlorophenol

Concen: 50.175 ng

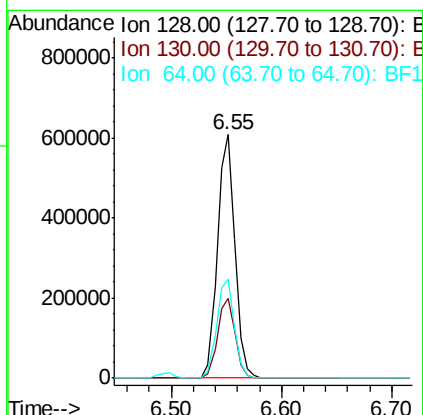
RT: 6.55 min Scan# 759

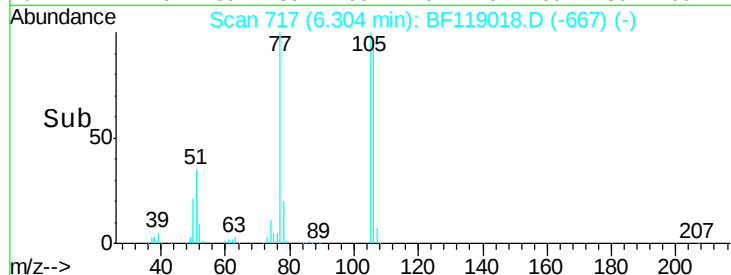
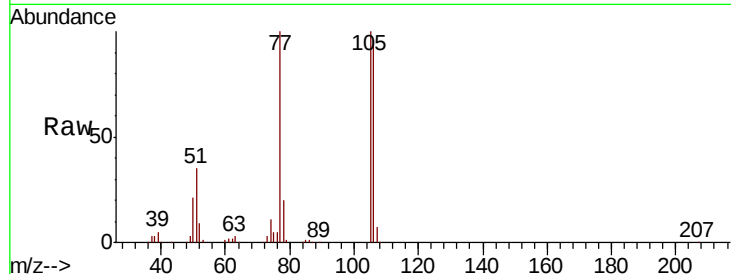
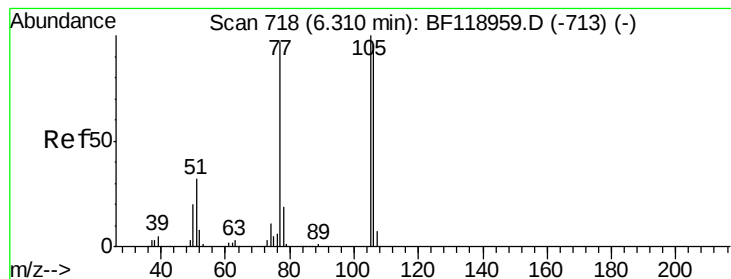
Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	128	Resp:	665129
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	40.5	18.7	58.7





#9

Benzaldehyde

Concen: 24.741 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tot Ion:	77	Resp:	246940
Ion	Ratio	Lower	Upper
77	100		
105	100.4	83.0	123.0
106	96.3	78.3	118.3

Instrument :

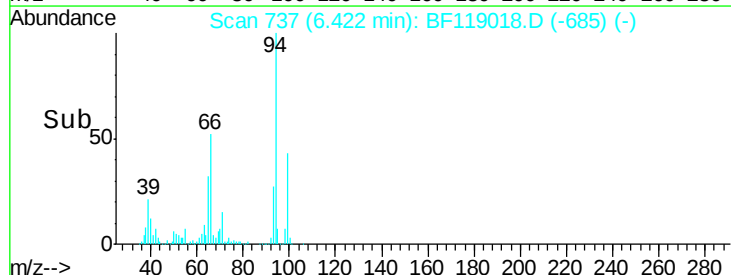
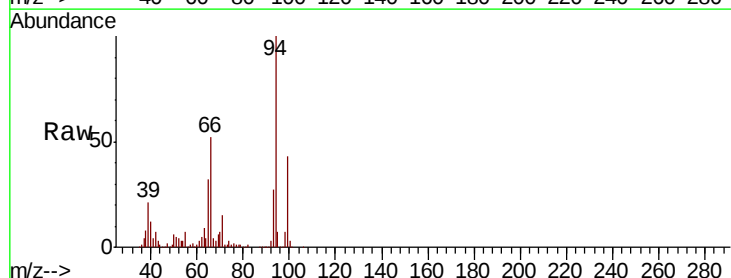
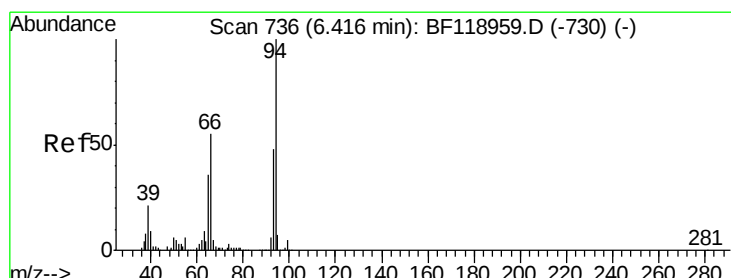
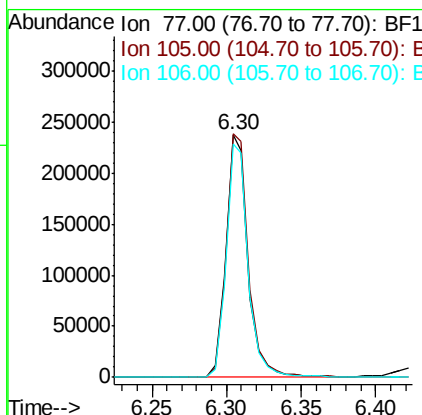
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 40.753 ng

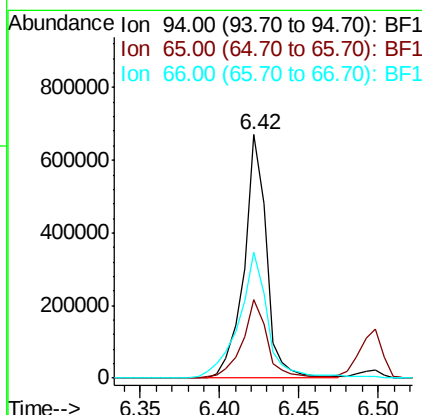
RT: 6.42 min Scan# 737

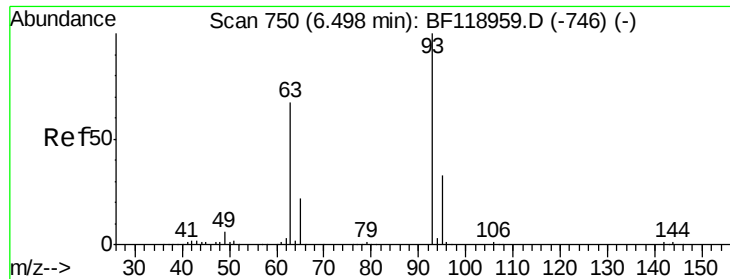
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	94	Resp:	658239
Ion	Ratio	Lower	Upper
94	100		
65	32.3	15.5	55.5
66	51.7	35.6	75.6





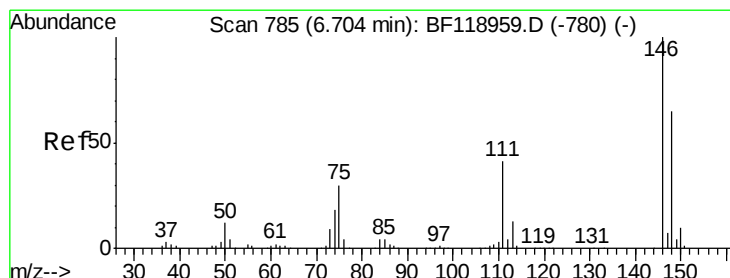
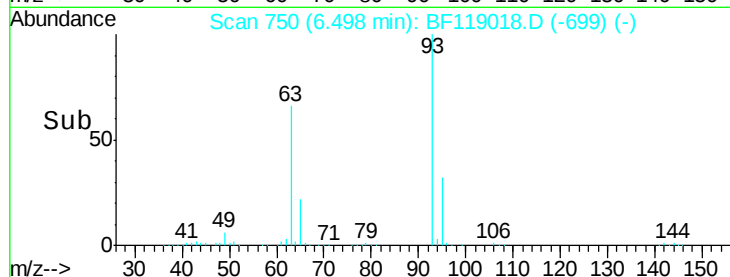
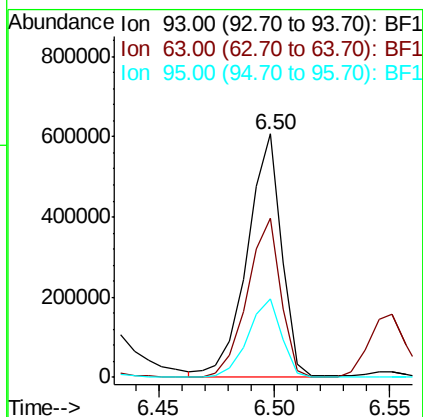
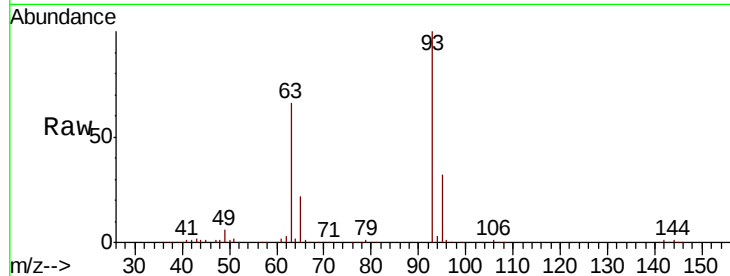
#11
bis(2-Chloroethyl)ether
Concen: 51.074 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.5	46.8	86.8
95	32.3	12.7	52.7

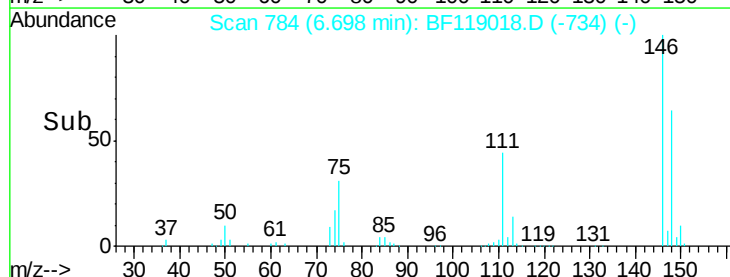
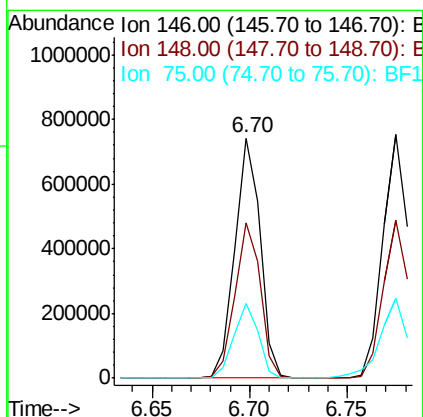
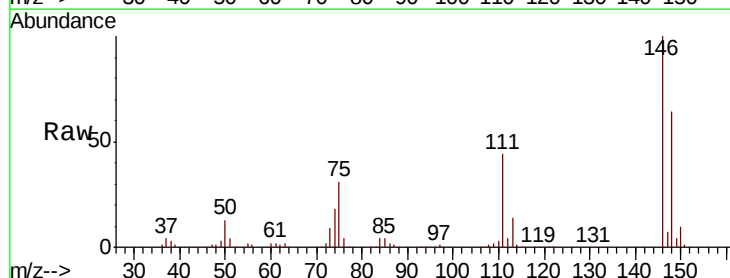
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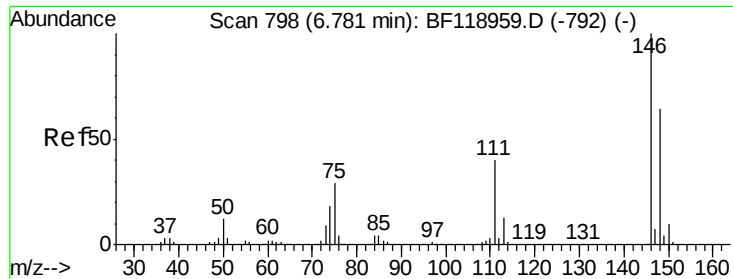
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.229 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
75	31.0	23.6	35.4





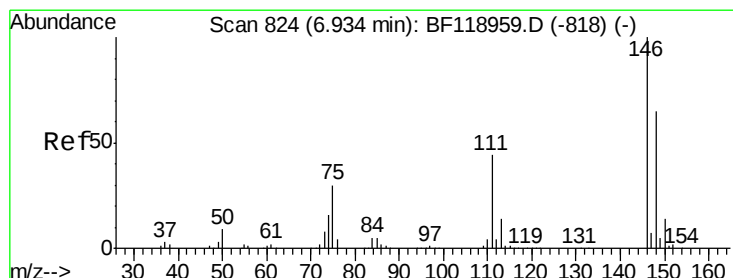
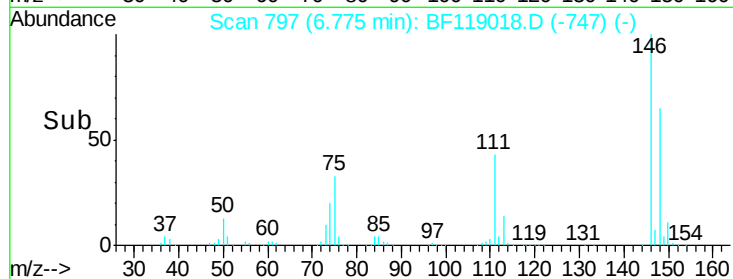
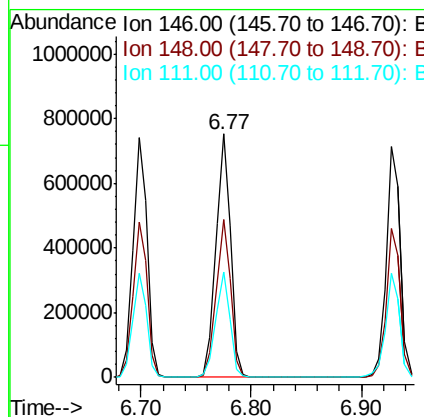
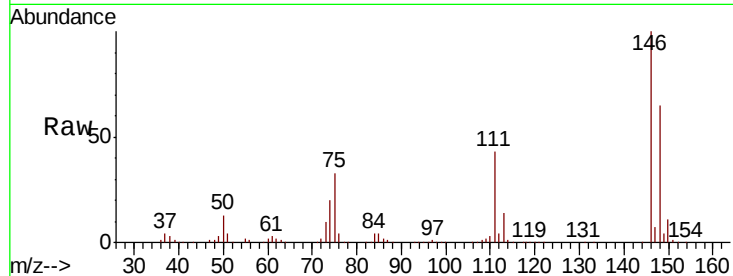
#13
 1,4-Dichlorobenzene
 Concen: 42.879 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	43.1	31.9	47.9

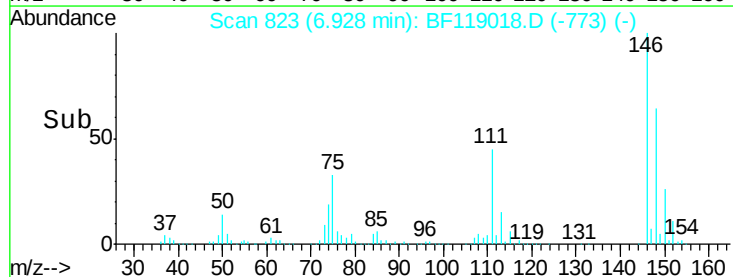
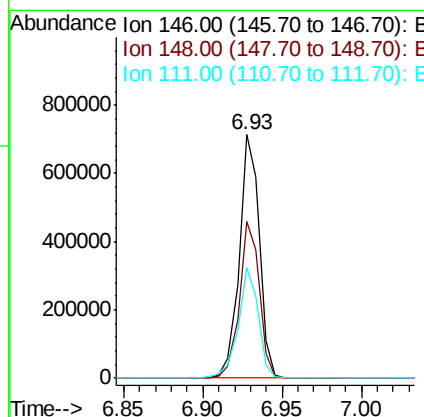
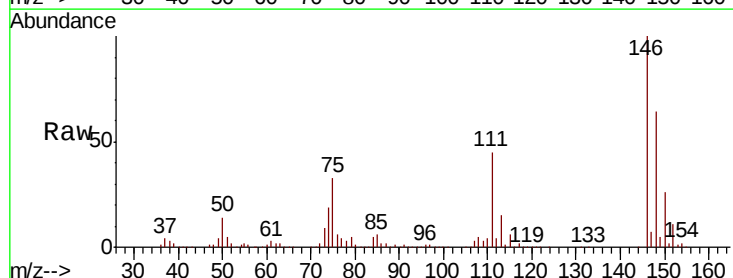
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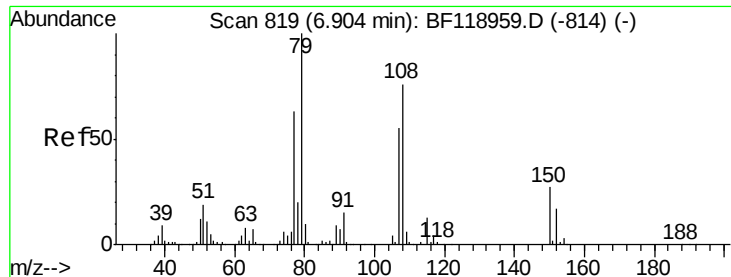
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.984 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
111	45.4	35.5	53.3





#15

Benzyl Alcohol

Concen: 50.968 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

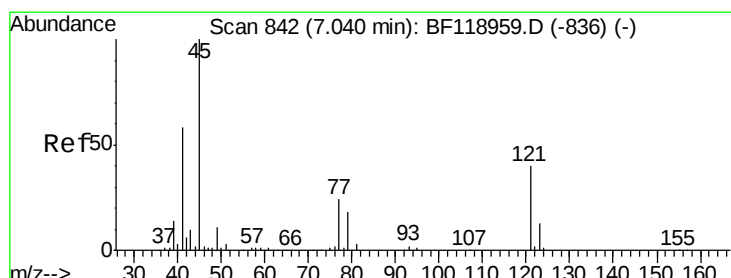
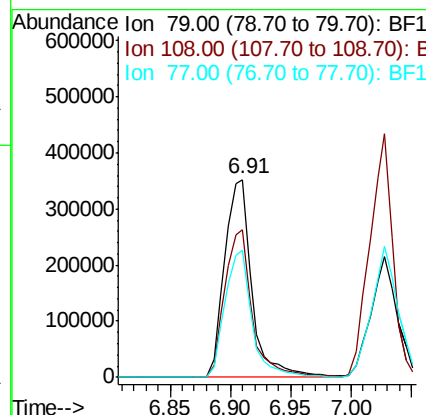
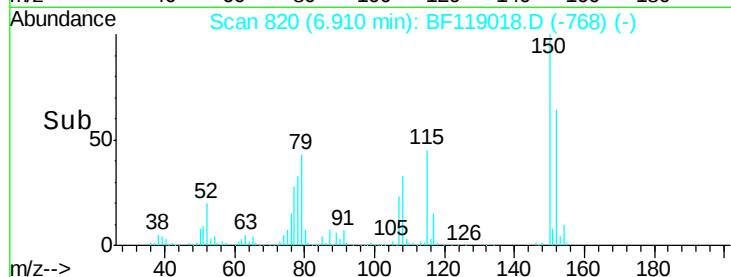
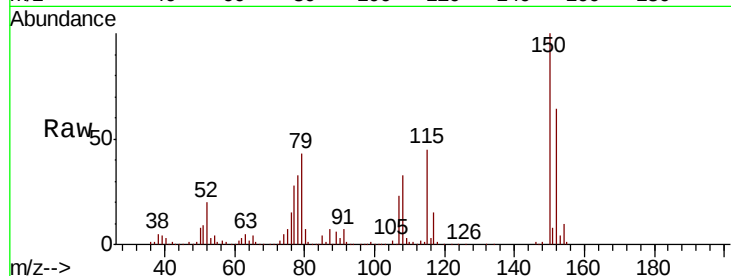
ClientSampleId :

BU-03-021820MSD

Tot Ion:	79	Resp:	550294
Ion Ratio	Lower	Upper	
79	100		
108	74.8	61.1	91.7
77	64.0	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.321 ng

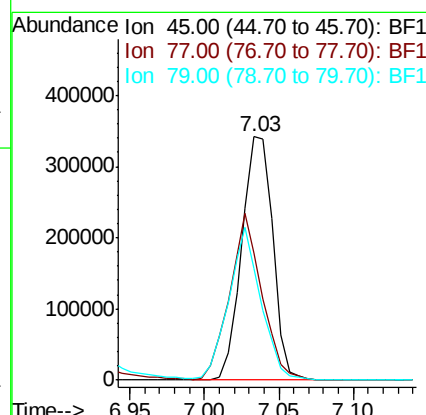
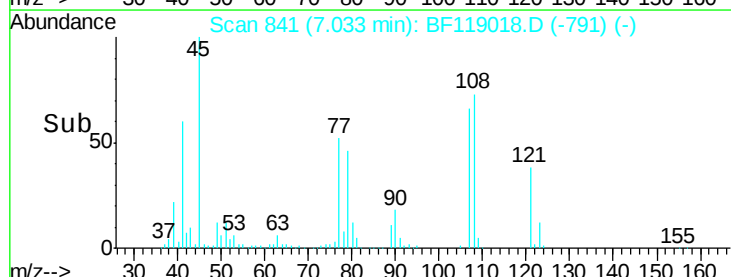
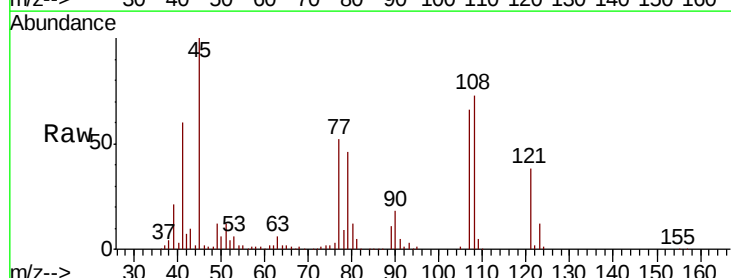
RT: 7.03 min Scan# 841

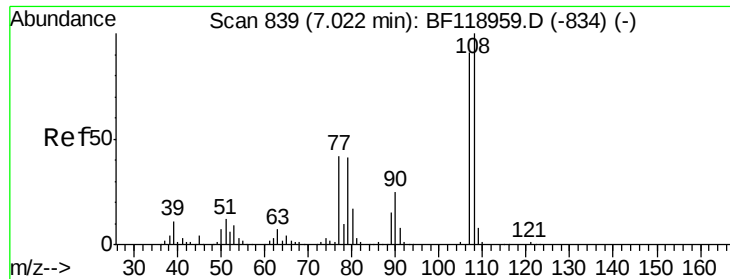
Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	45	Resp:	495887
Ion Ratio	Lower	Upper	
45	100		
77	52.0	6.1	46.1#
79	46.1	0.5	40.5#





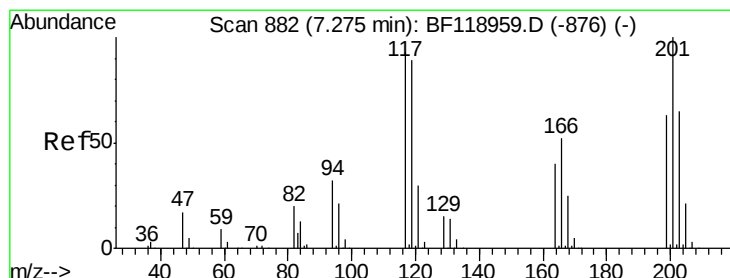
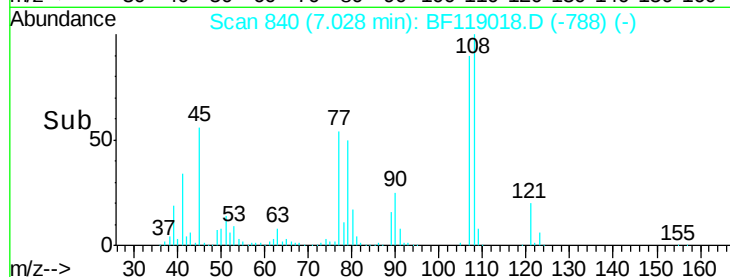
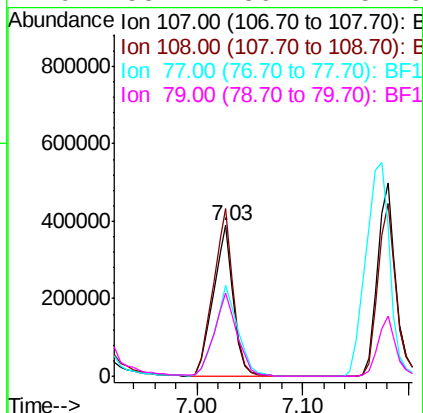
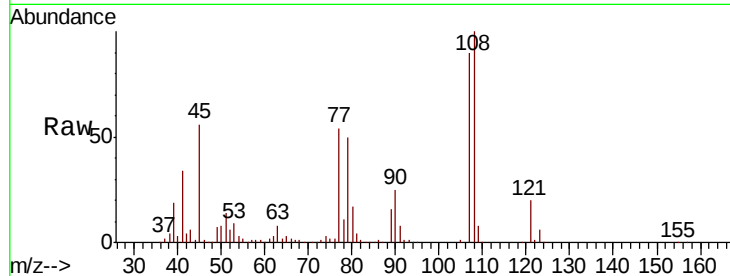
#17
2-Methylphenol
Concen: 48.243 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion:	107	Resp:	518500
Ion Ratio	Lower	Upper	
107	100		
108	111.5	87.7	131.5
77	60.3	36.8	55.2#
79	55.4	36.4	54.6#

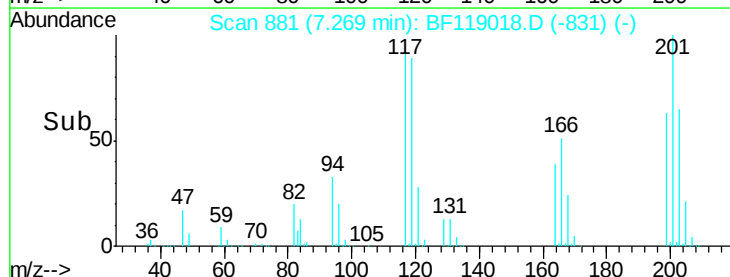
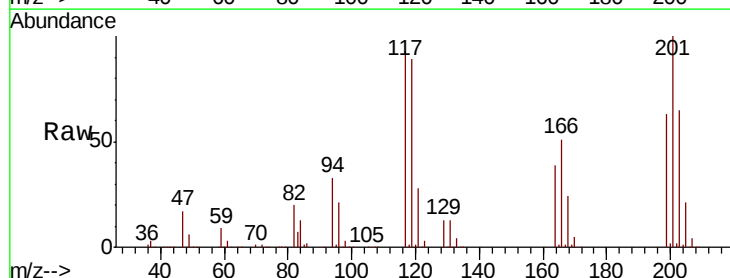
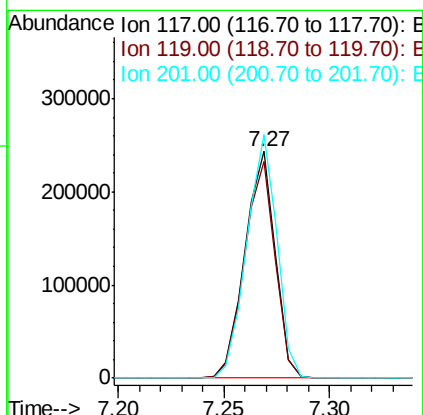
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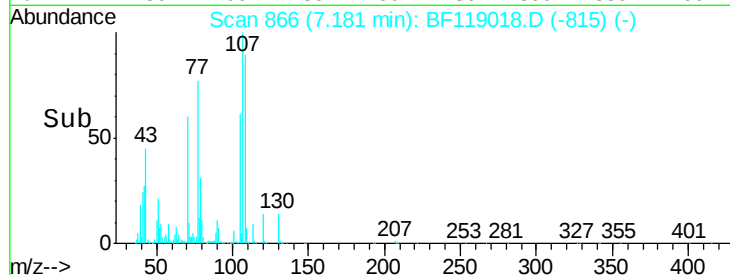
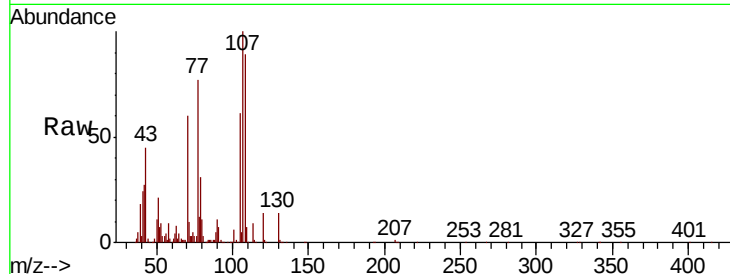
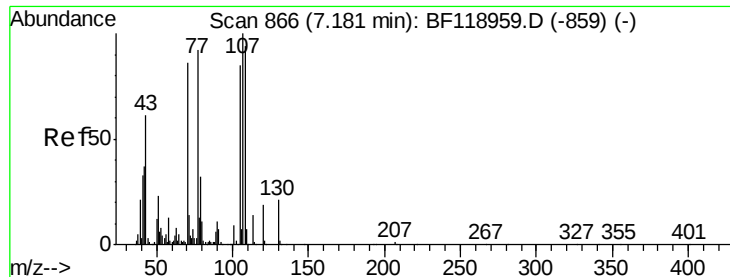
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#18
Hexachloroethane
Concen: 42.592 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:	117	Resp:	242274
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.0	115.6
201	107.4	86.4	129.6





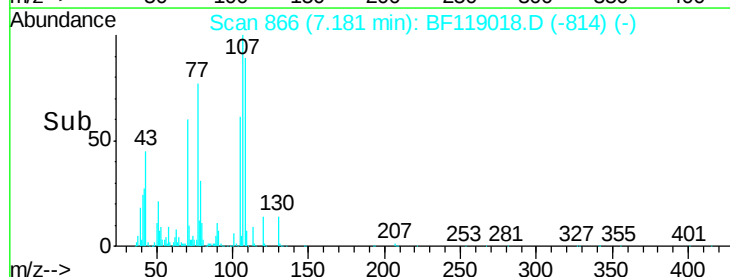
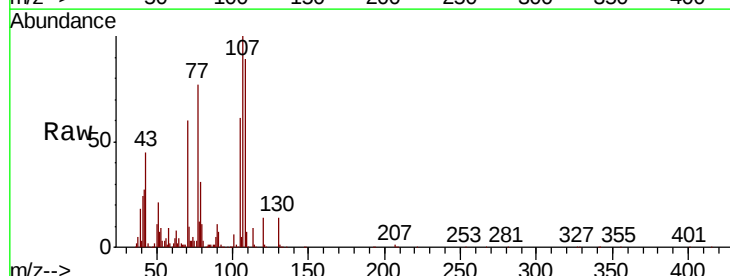
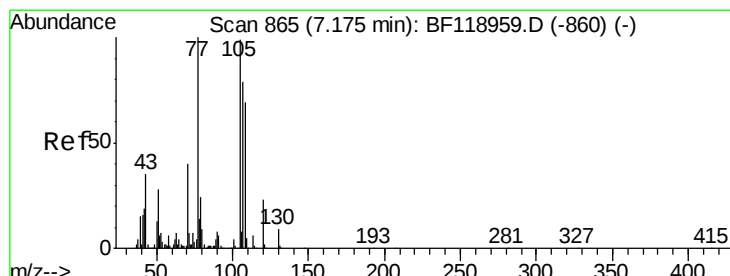
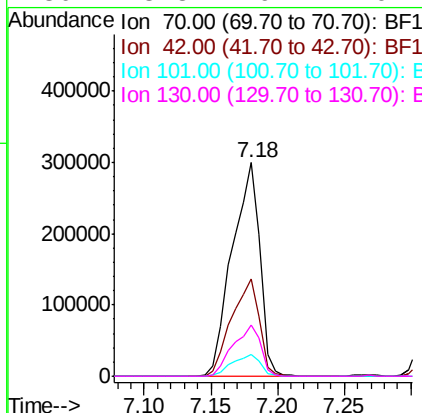
#19
n-Nitroso-di-n-propylamine
Concen: 49.946 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.4	34.6	51.8	
101	10.3	8.1	12.1	
130	23.8	19.4	29.2	

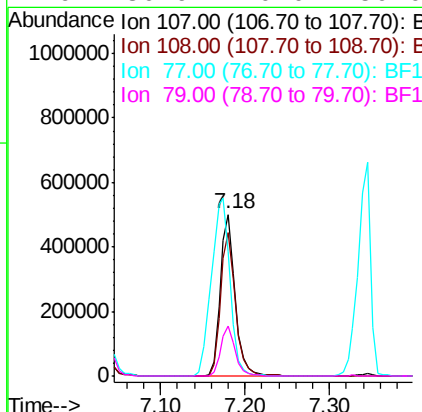
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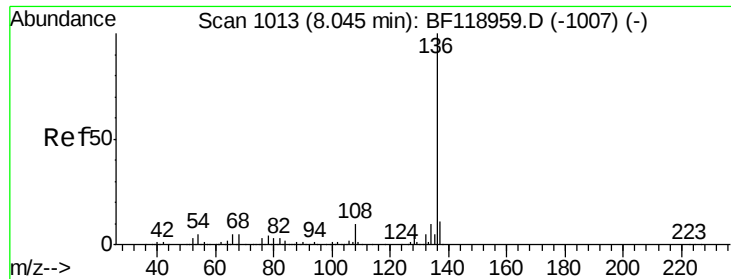
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#20
3+4-Methylphenols
Concen: 46.574 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	67.0	107.0	
77	77.3	106.2	146.2#	
79	30.9	10.0	50.0	





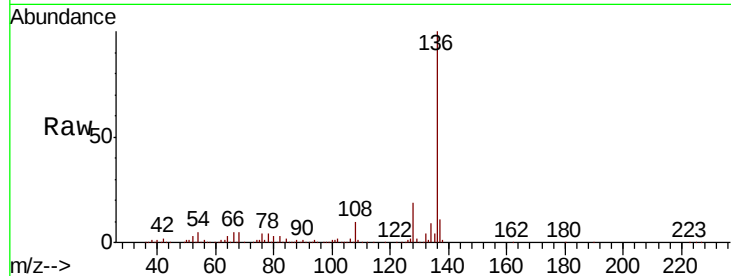
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

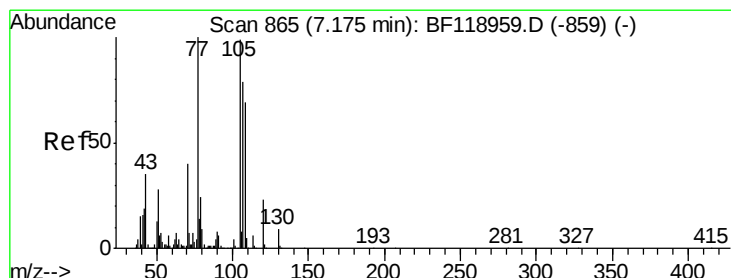
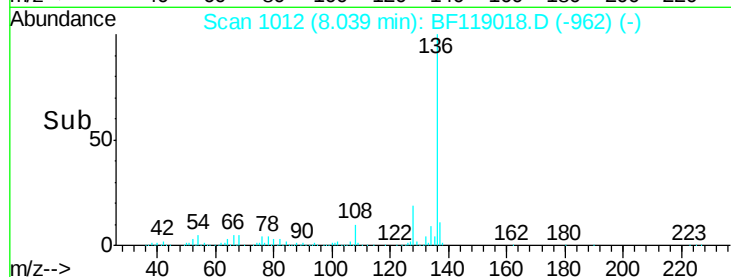
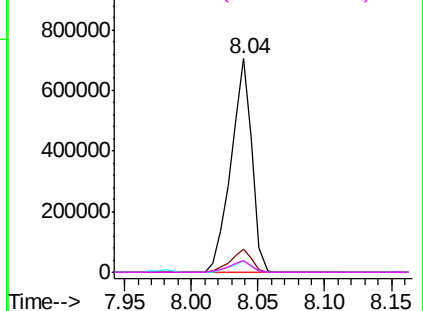
Tot Ion	Ratio	Resp	Lower	Upper
136	100	774649		
137	11.0		8.9	13.3
54	5.1		3.8	5.6
68	5.4		4.2	6.2

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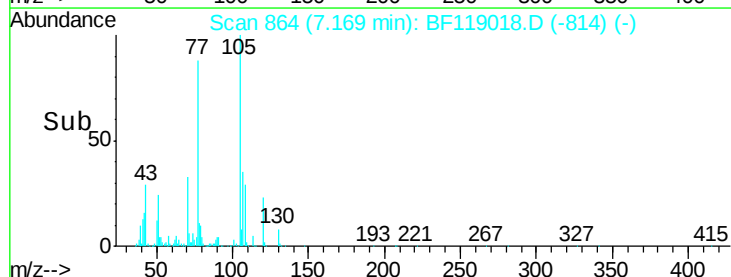
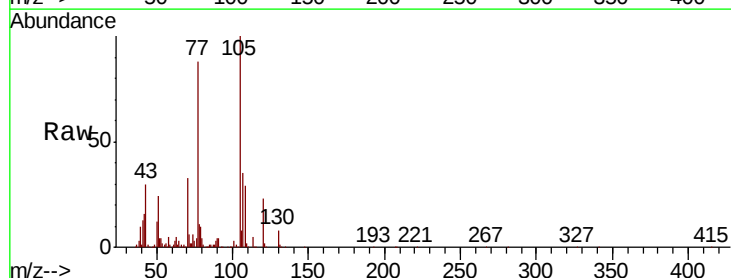
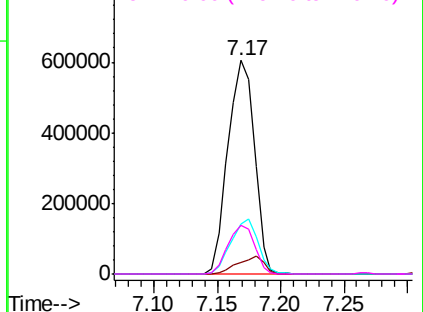
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

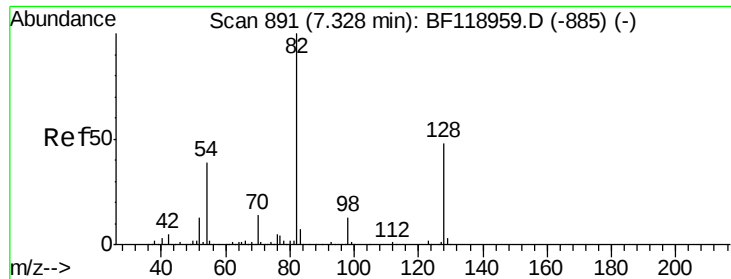


#22
Acetophenone
Concen: 49.025 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	878698		
71	5.5		5.4	8.0
51	23.6		22.5	33.7
120	22.7		18.4	27.6

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





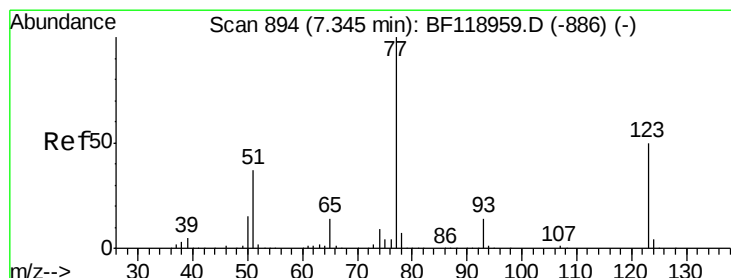
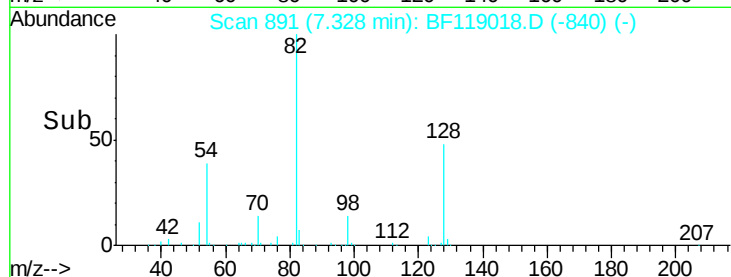
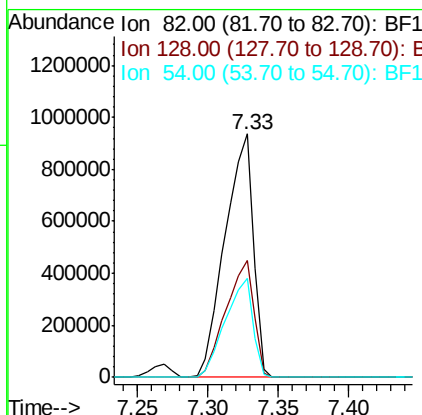
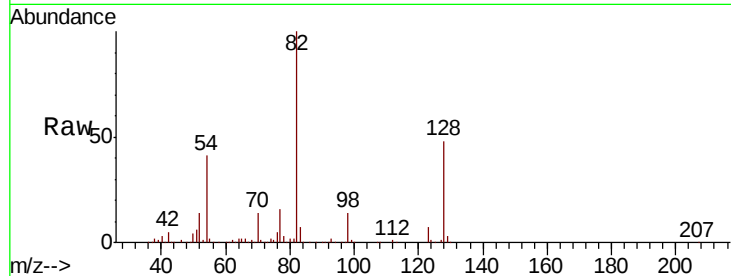
#23
 Nitrobenzene-d5
 Concen: 89.117 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.2
54	40.5	31.3	46.9

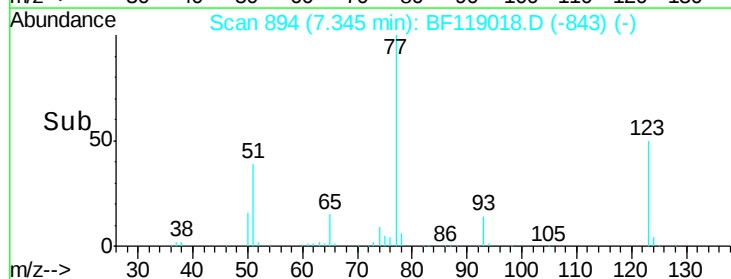
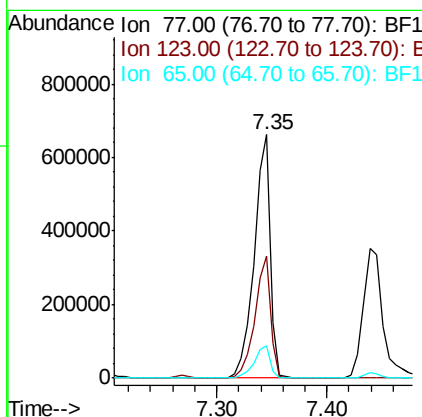
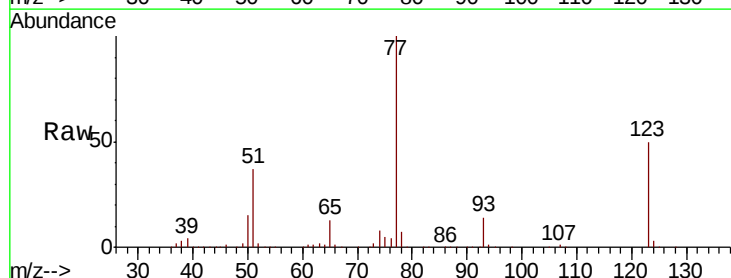
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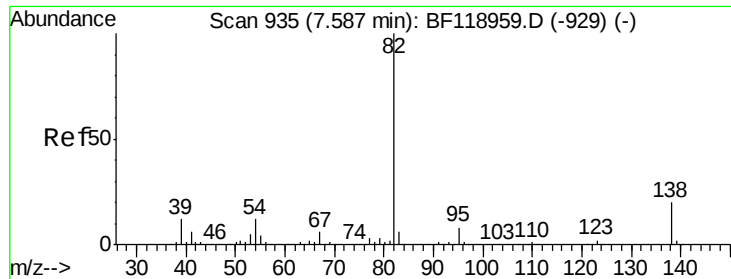
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#24
 Nitrobenzene
 Concen: 46.502 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	40.1	60.1
65	13.5	10.9	16.3





#25

Isophorone

Concen: 48.656 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion: 82 Resp: 1239743

Ion Ratio Lower Upper

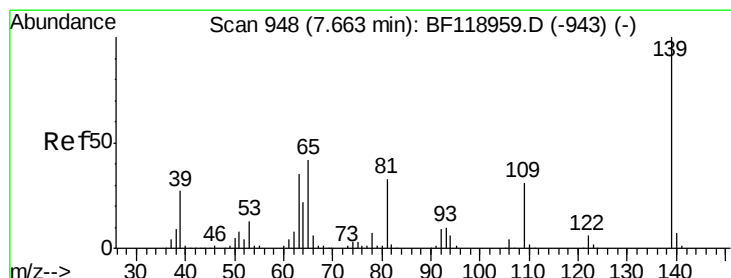
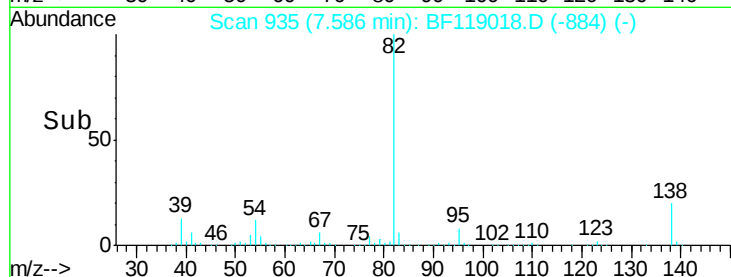
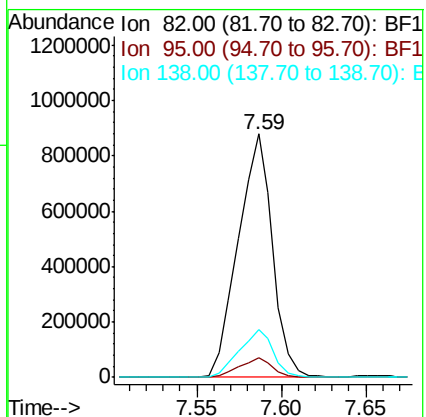
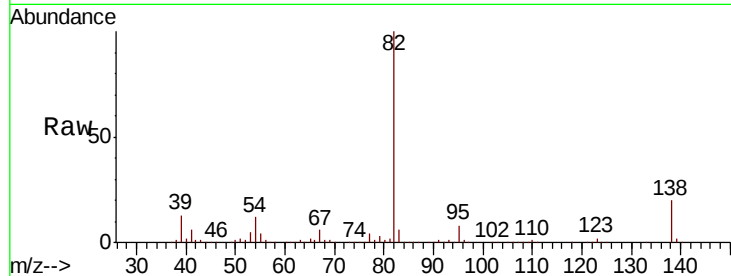
82 100

95 7.9 6.1 9.1

138 19.5 15.8 23.6

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#26

2-Nitrophenol

Concen: 48.631 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

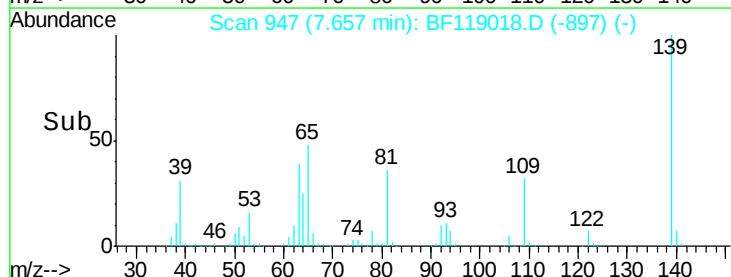
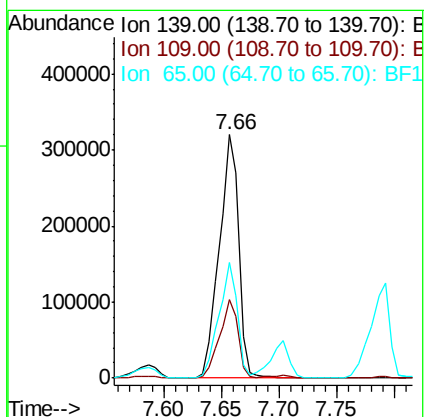
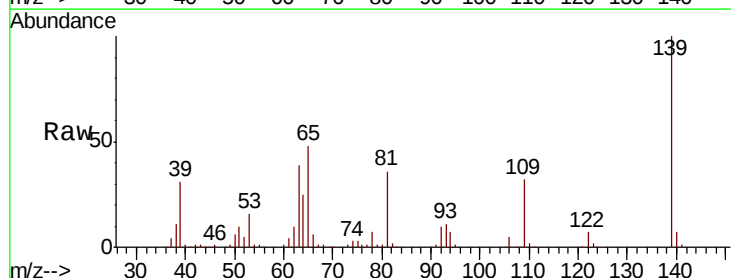
Tgt Ion: 139 Resp: 373844

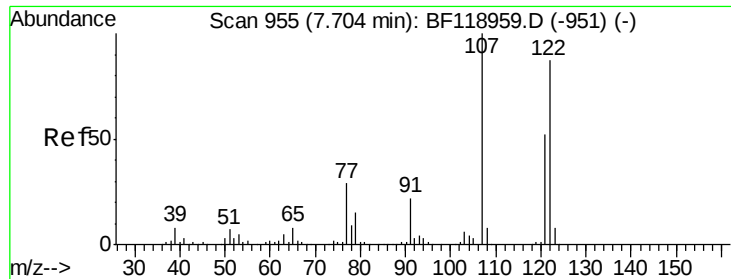
Ion Ratio Lower Upper

139 100

109 32.3 24.6 36.8

65 47.7 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 53.377 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

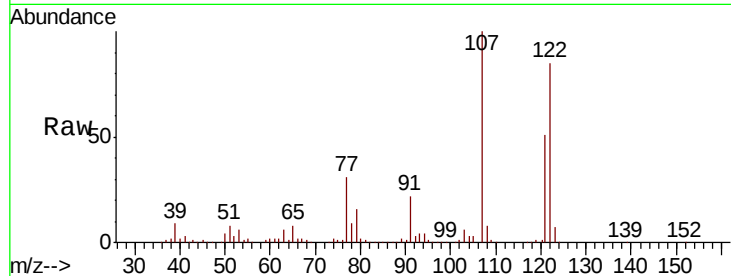
ClientSampleId :

BU-03-021820MSD

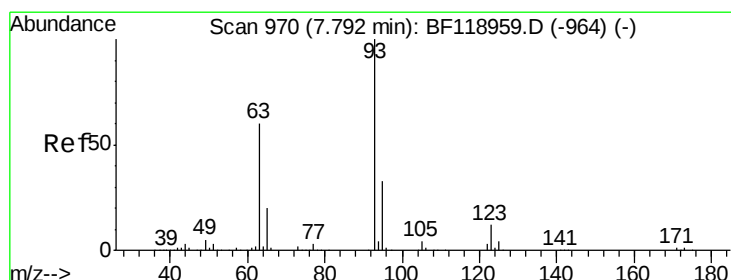
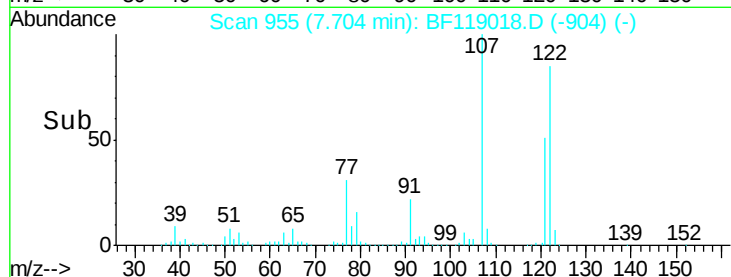
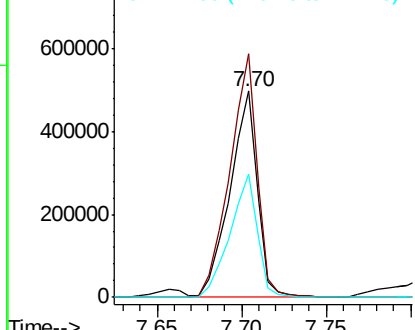
Tot Ion:	122	Resp:	556882
Ion Ratio	Lower	Upper	
122	100		
107	118.2	91.8	137.8
121	60.1	47.4	71.0

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.368 ng

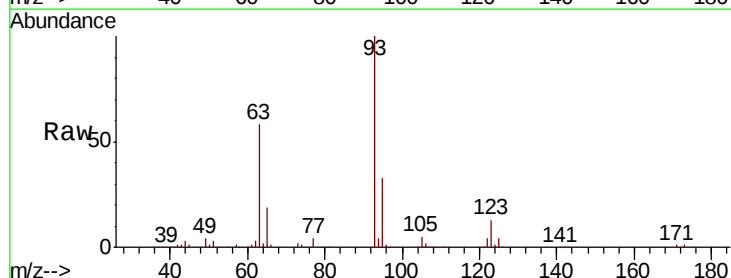
RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

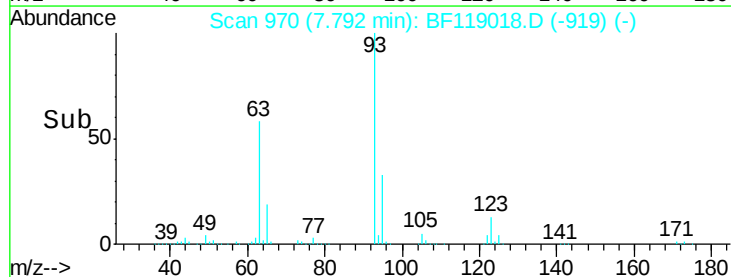
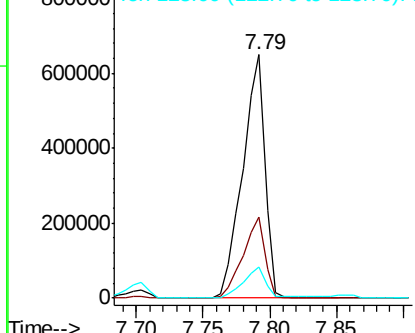
Lab File: BF119018.D

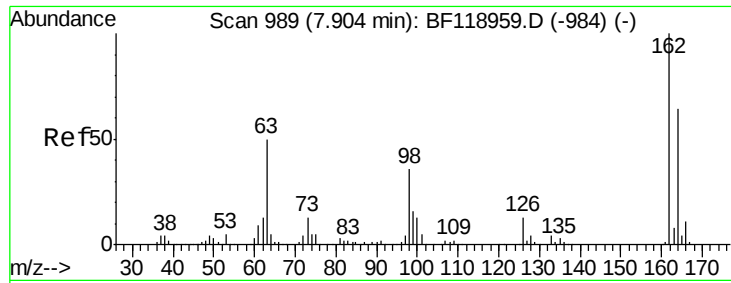
Acq: 24 Feb 2020 12:26

Tgt Ion:	93	Resp:	752414
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	12.8	9.8	14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





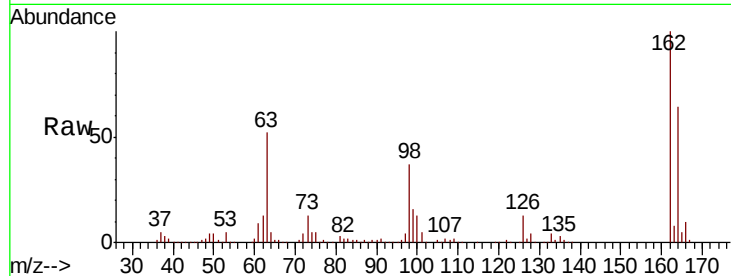
#29
2,4-Dichlorophenol
Concen: 47.322 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.1	84.1
98	37.2	16.4	56.4

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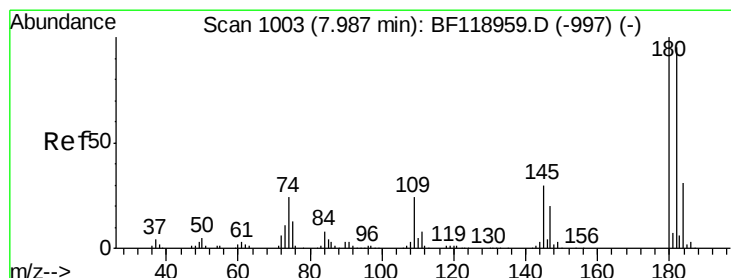
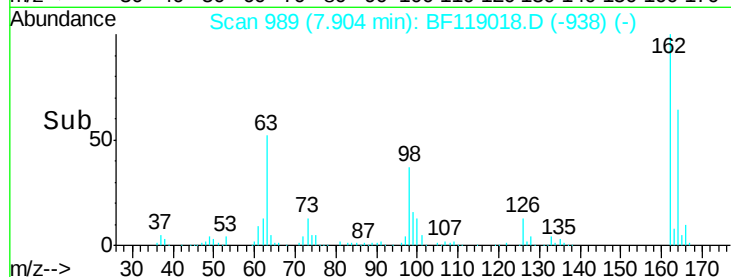
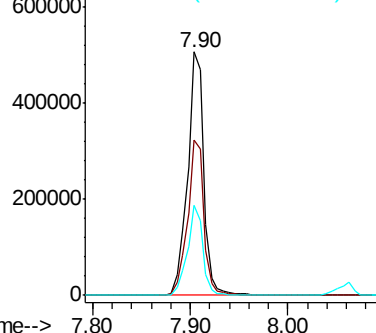


Abundance

Ion 162.00 (161.70 to 162.70): E

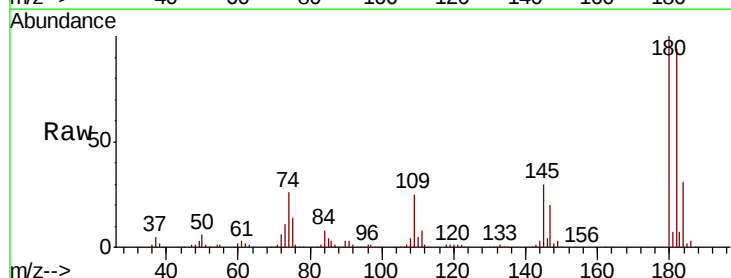
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.141 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	75.8	113.8
145	30.5	24.2	36.2

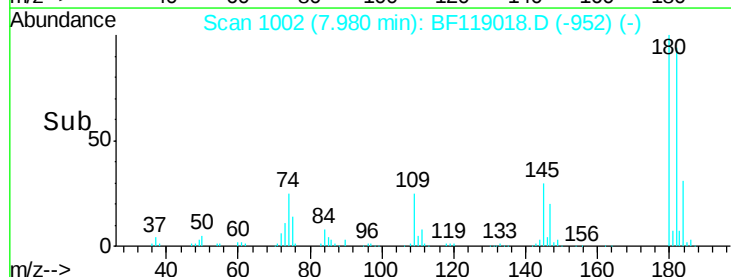
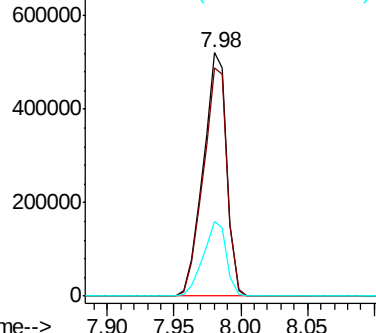


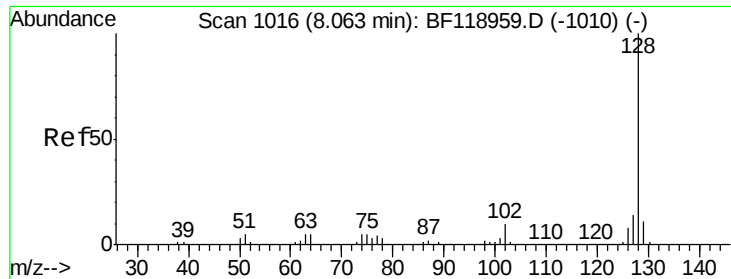
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





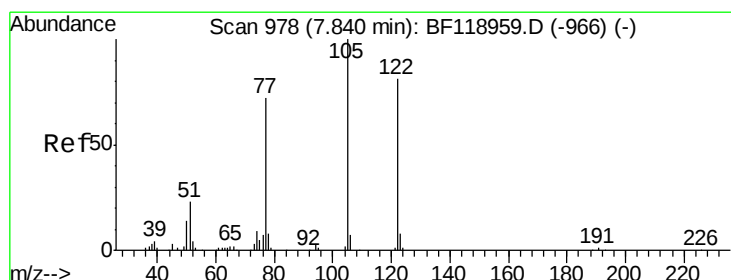
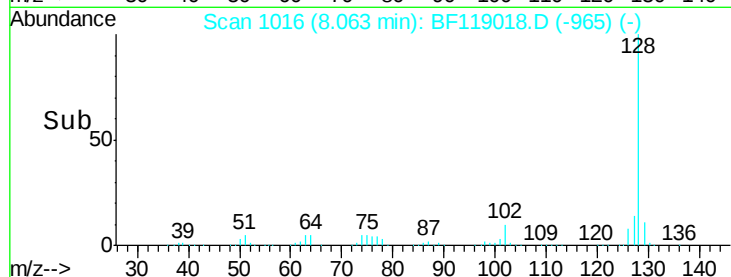
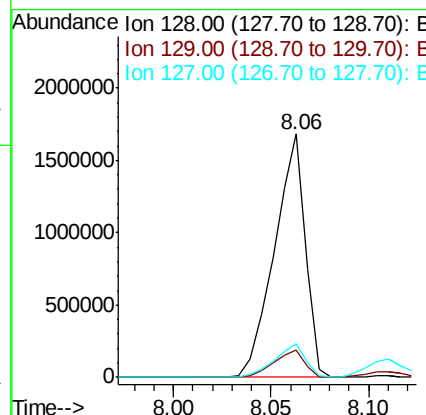
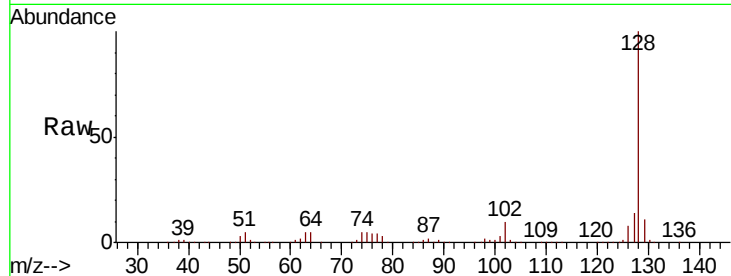
#31
Naphthalene
Concen: 45.947 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	14.0	10.9	16.3

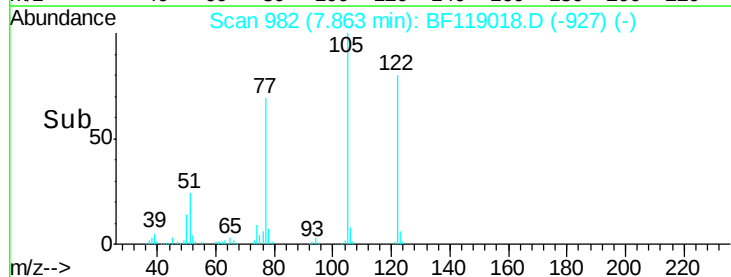
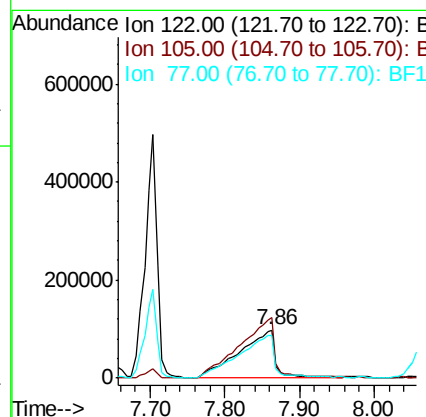
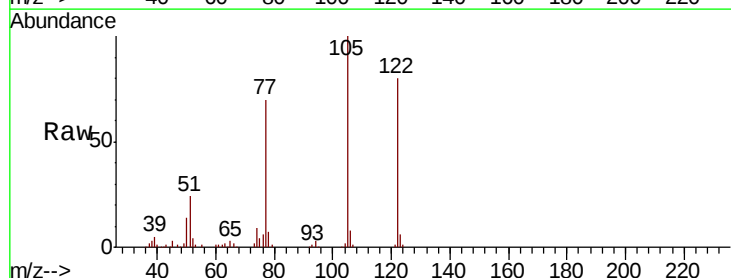
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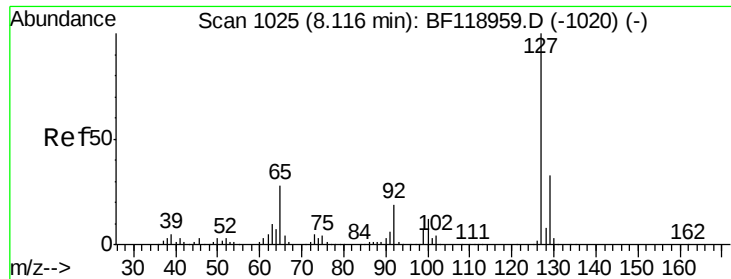
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#32
Benzoic acid
Concen: 43.493 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	102.2	142.2
77	88.0	68.6	108.6





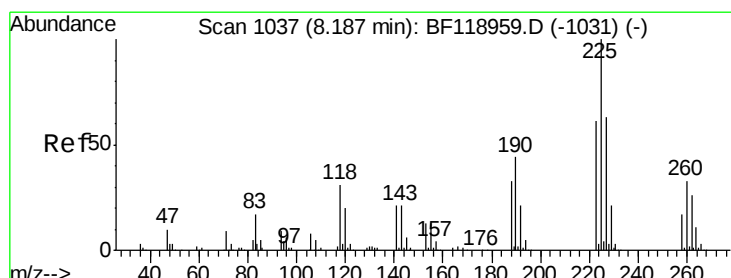
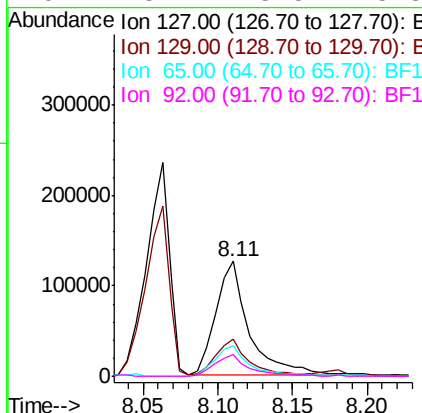
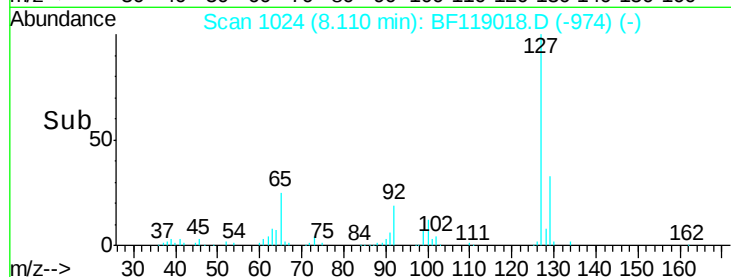
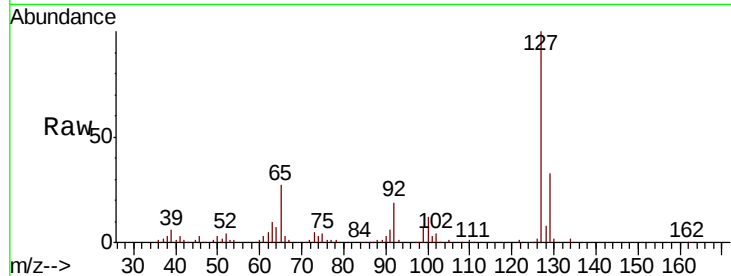
#33
4-Chloroaniline
Concen: 11.368 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196439		
129	32.8	26.2	39.2		
65	26.6	22.0	33.0		
92	18.7	15.5	23.3		

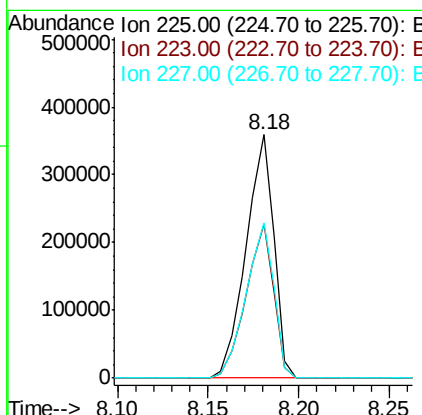
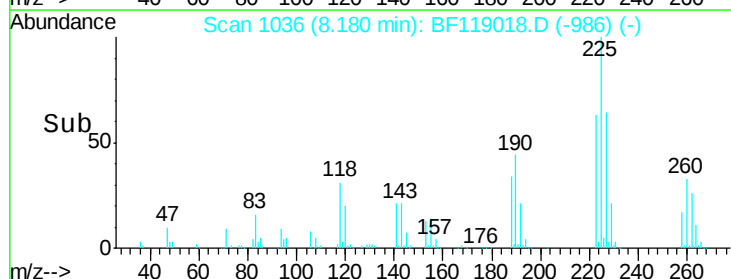
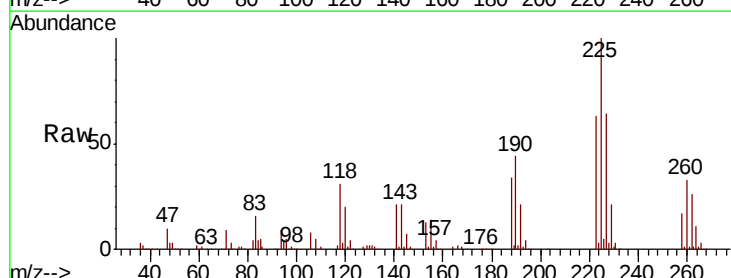
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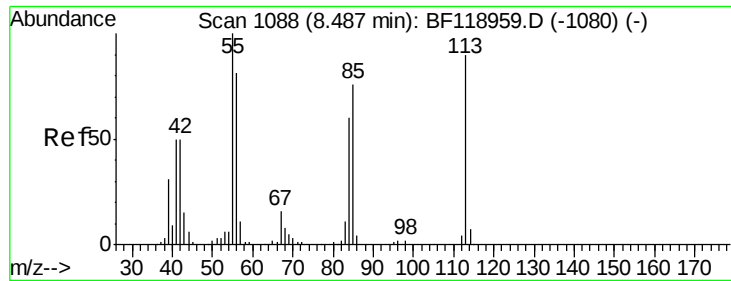
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#34
Hexachlorobutadiene
Concen: 42.311 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		383798		
223	63.0	48.9	73.3		
227	63.8	50.4	75.6		





#35

Caprolactam

Concen: 35.705 ng/mL

RT: 8.50 min Scan# 1091

Delta R.T. 0.02 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

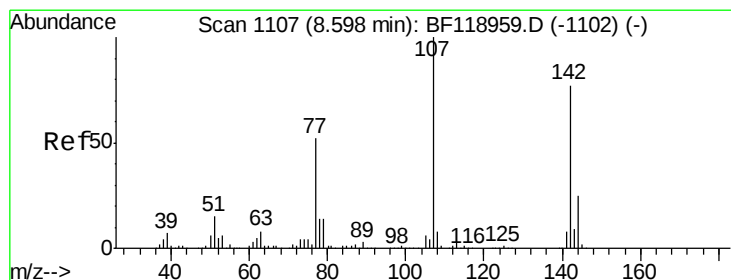
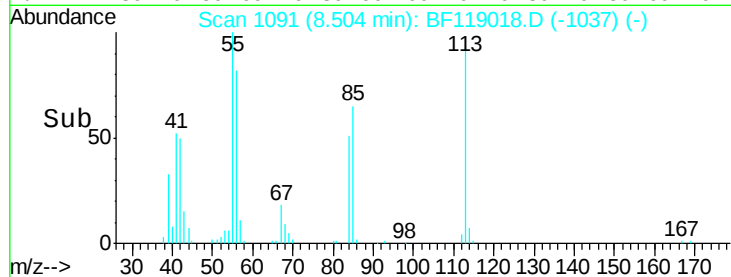
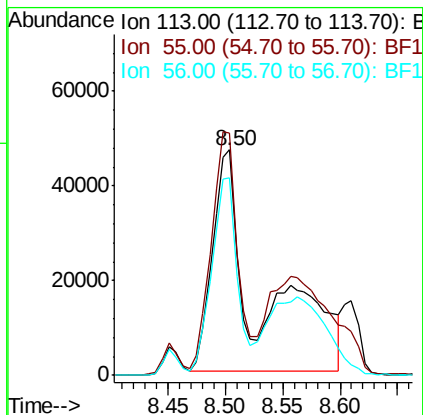
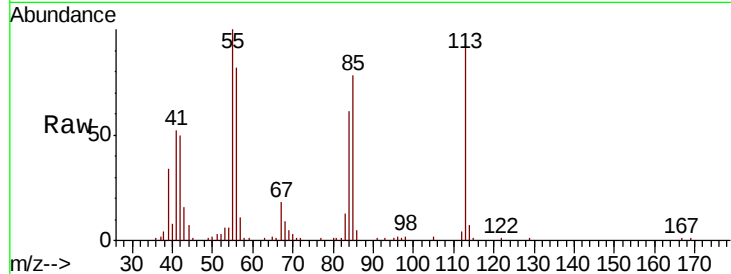
ClientSampleId :

BU-03-021820MSD

Tot Ion:	113	Resp:	135031
Ion Ratio	Lower	Upper	
113	100		
55	107.5	90.8	130.8
56	87.8	70.0	110.0

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#36

4-Chloro-3-methylphenol

Concen: 47.745 ng/mL

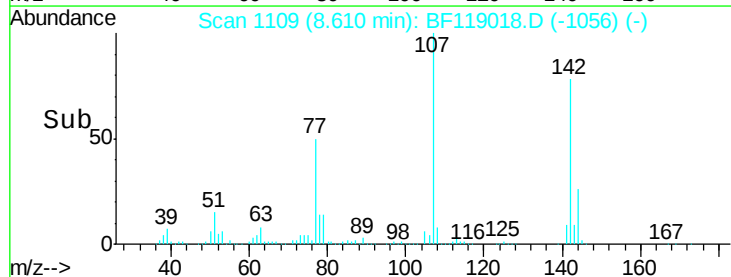
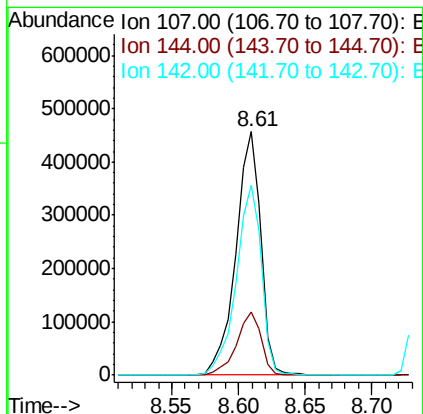
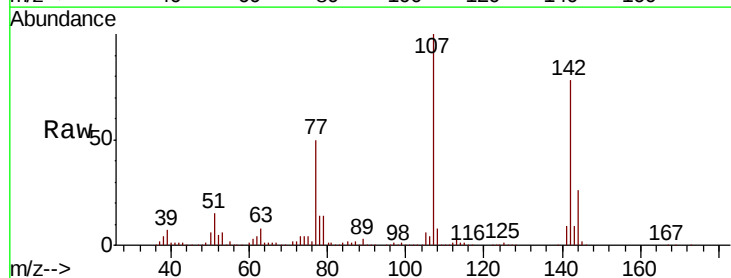
RT: 8.61 min Scan# 1109

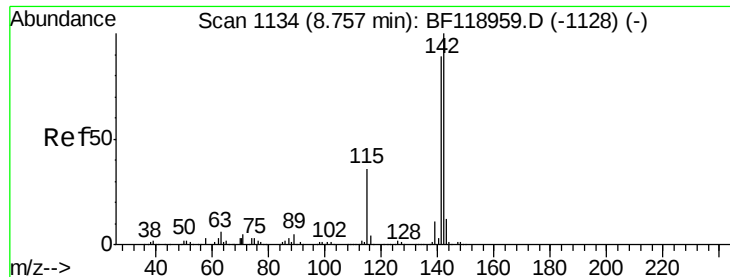
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	107	Resp:	593480
Ion Ratio	Lower	Upper	
107	100		
144	26.0	19.8	29.8
142	78.0	61.3	91.9





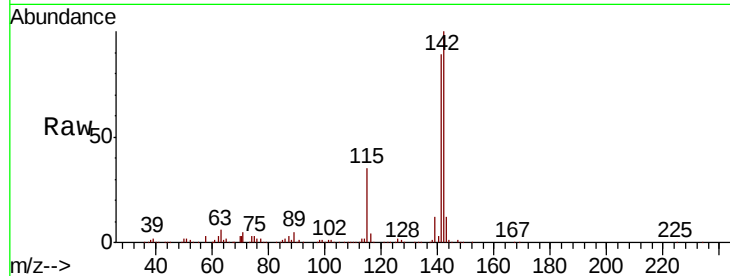
#37
2-Methylnaphthalene
Concen: 47.707 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.4
115	35.4	28.6	42.8

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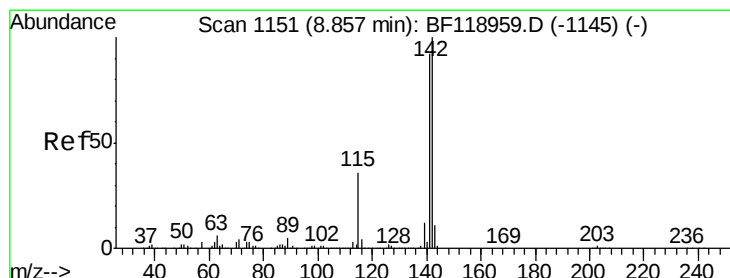
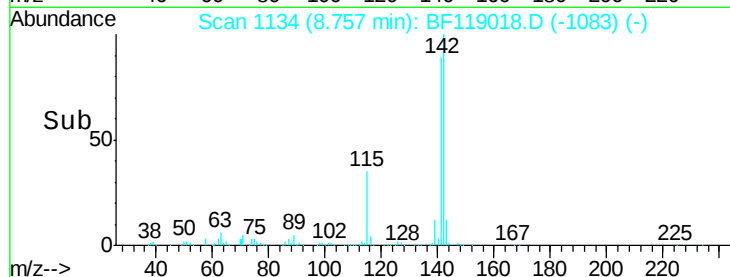
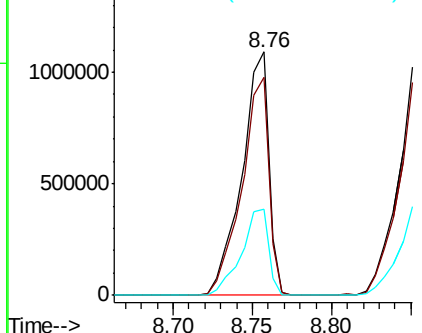


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.600 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

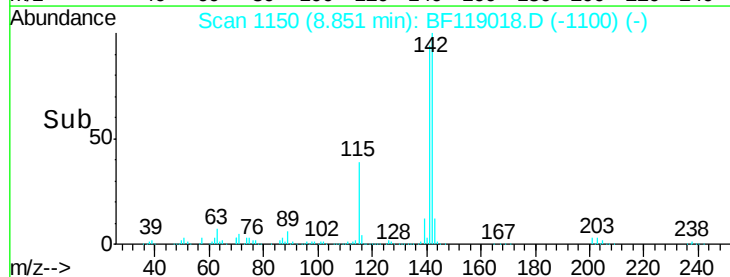
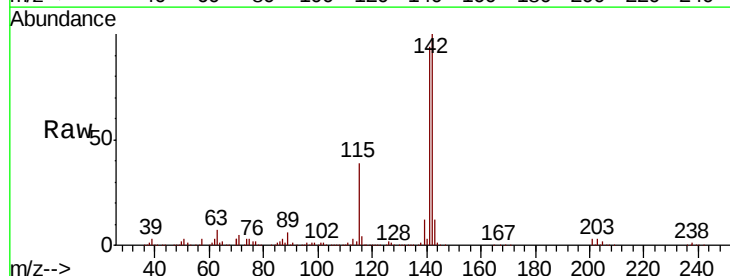
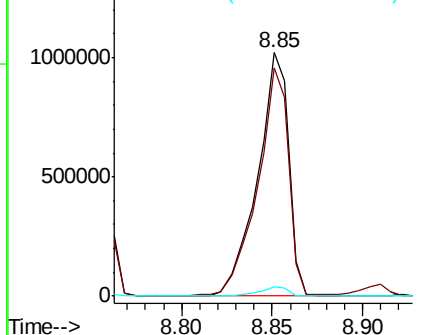
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.7	110.5
116	4.1	3.0	4.6

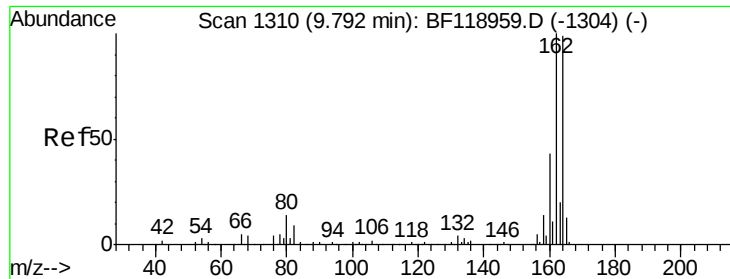
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





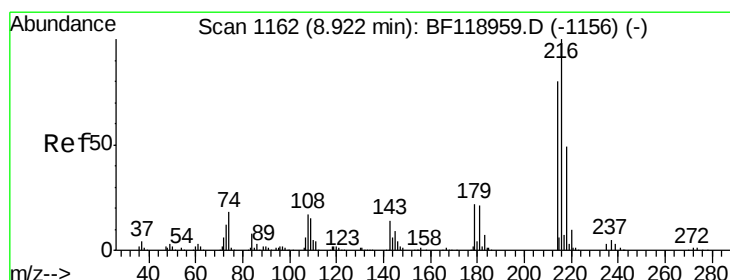
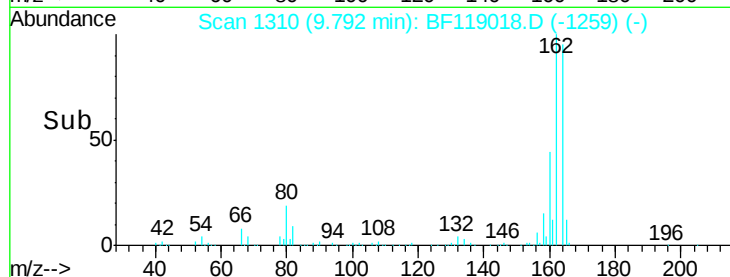
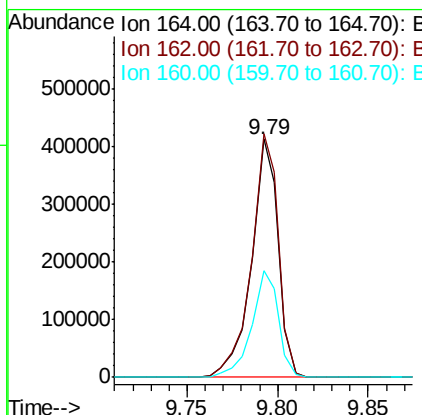
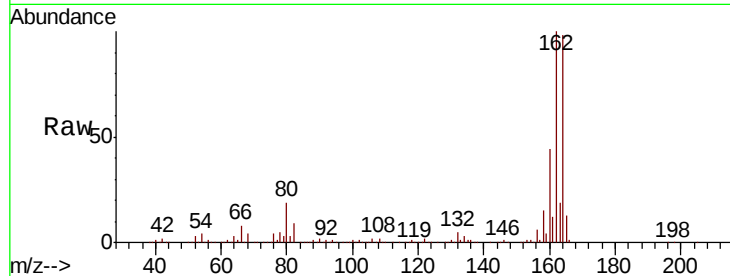
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	44.7	35.2	52.8

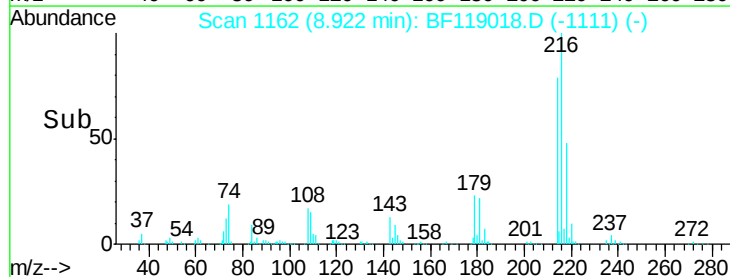
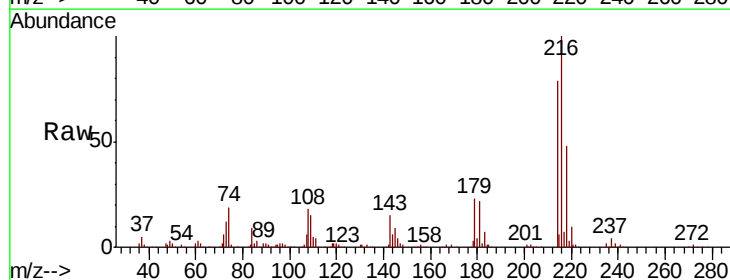
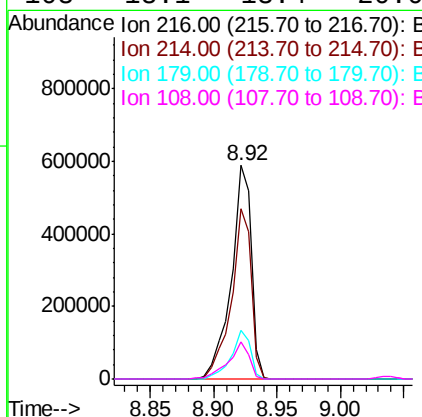
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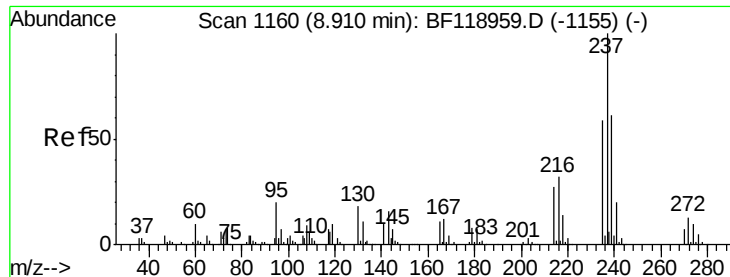
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.095 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	21.7	17.2	25.8
108	18.1	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 83.812 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

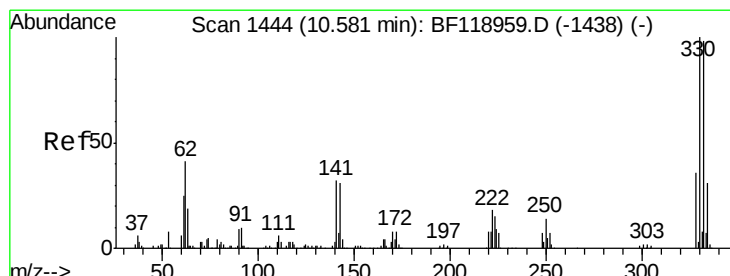
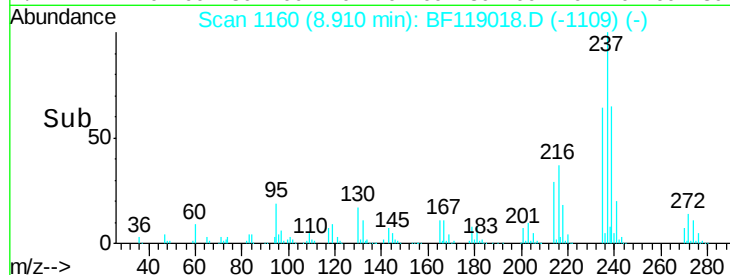
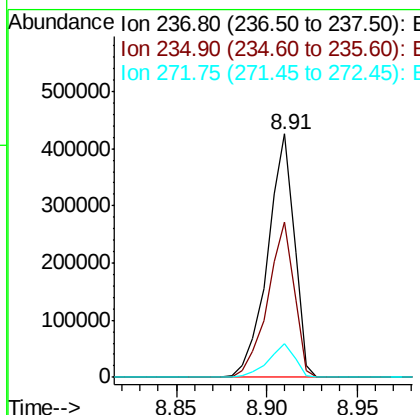
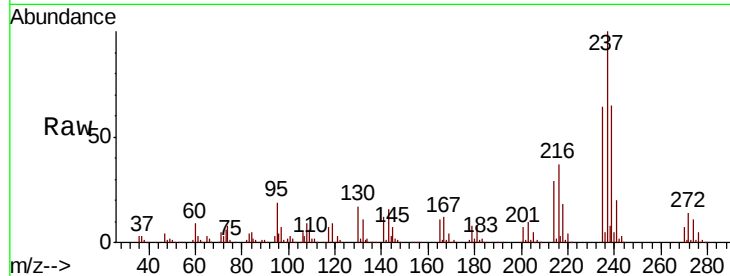
ClientSampleId :

BU-03-021820MSD

Tot Ion:	237	Resp:	435740
Ion Ratio	Lower	Upper	
237	100		
235	63.8	39.4	79.4
272	13.7	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 128.149 ng

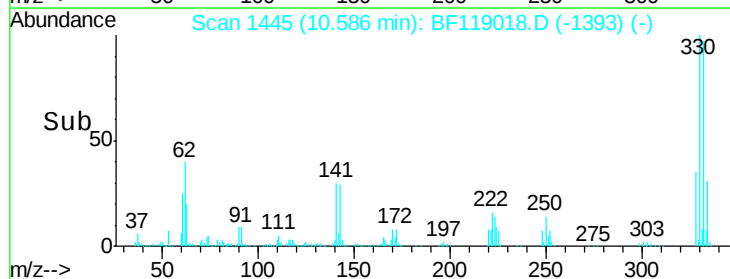
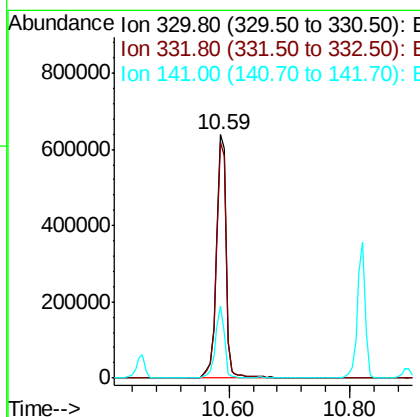
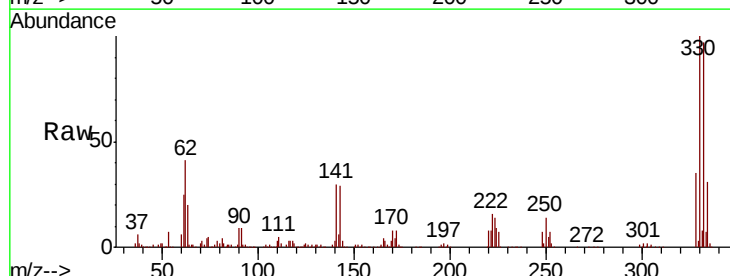
RT: 10.59 min Scan# 1445

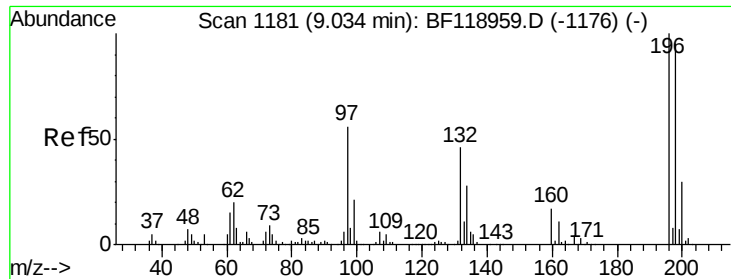
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	330	Resp:	705908
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.1	115.7
141	27.9	23.0	34.6





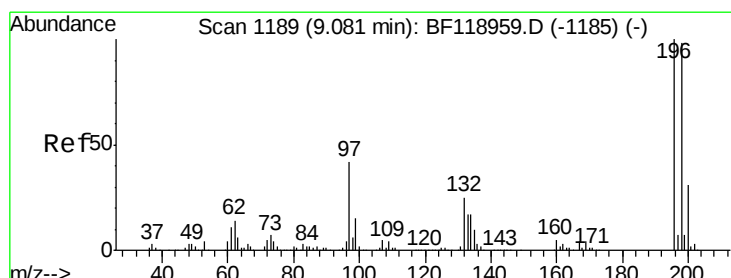
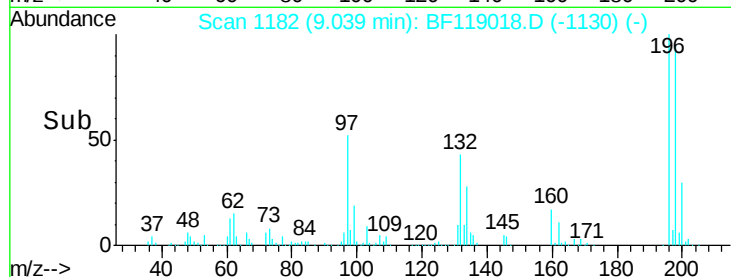
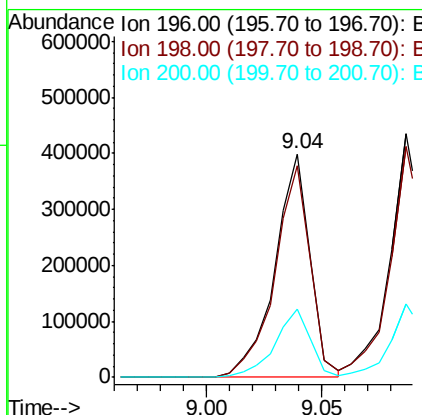
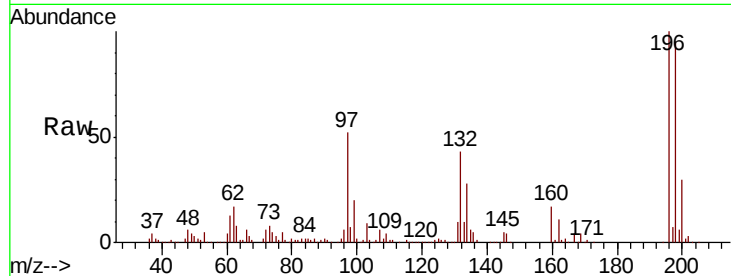
#43
 2,4,6-Trichlorophenol
 Concen: 46.713 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	418801		
198	94.7	75.8	113.6	
200	30.3	24.1	36.1	

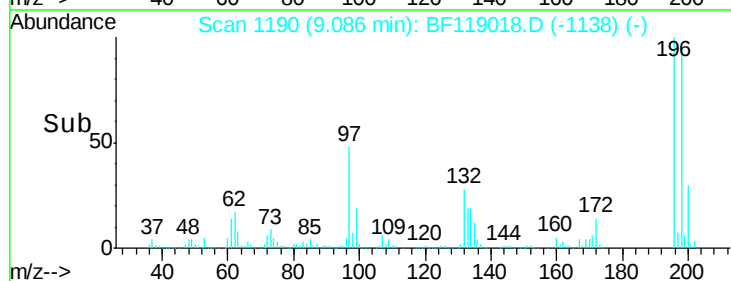
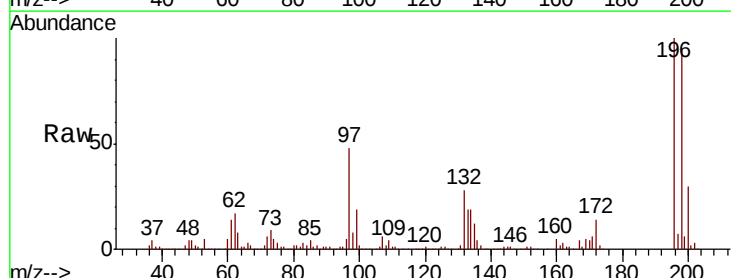
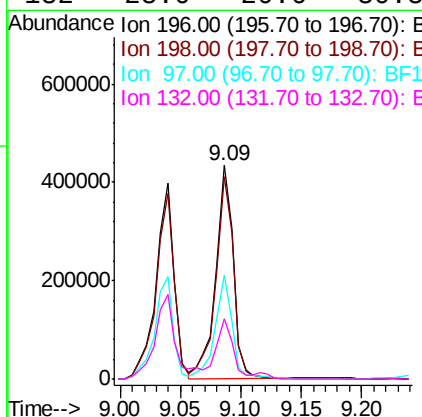
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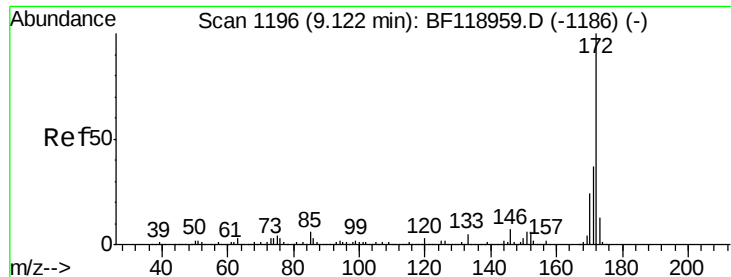
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#44
 2,4,5-Trichlorophenol
 Concen: 46.338 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435943		
198	94.6	78.4	117.6	
97	48.3	33.4	50.0	
132	28.0	20.6	30.8	





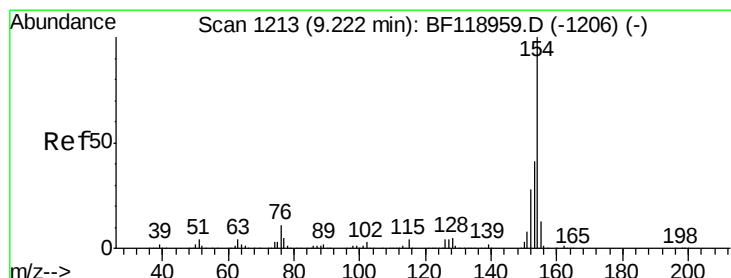
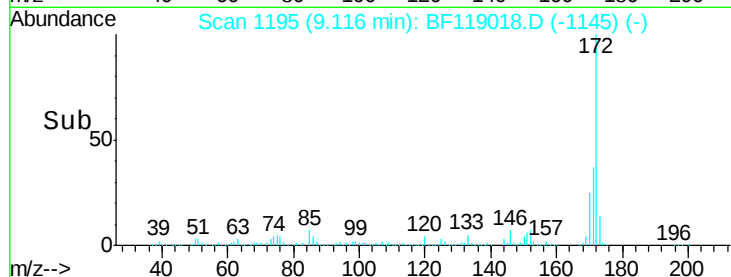
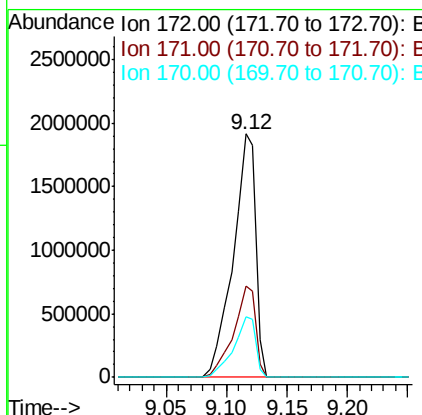
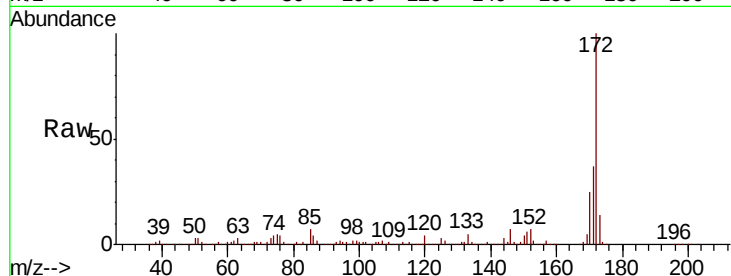
#45
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.7	19.6	29.4

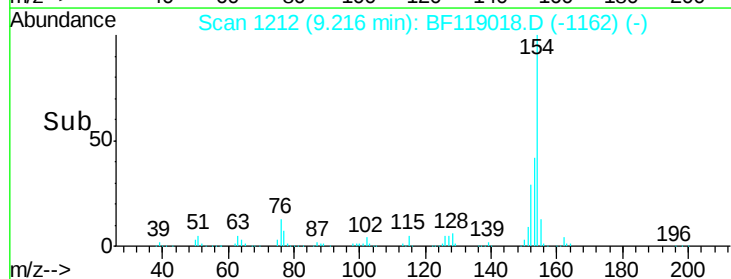
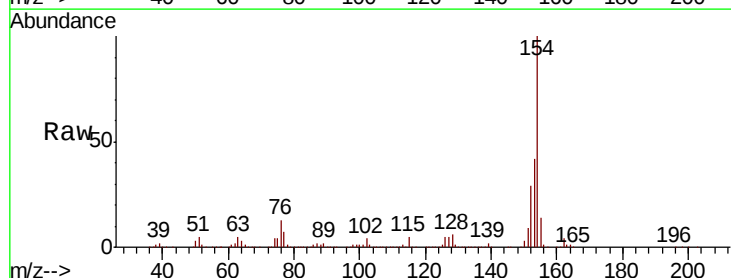
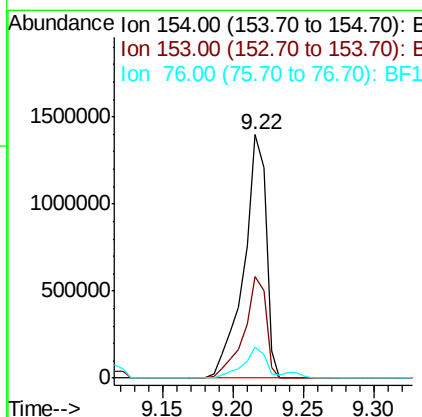
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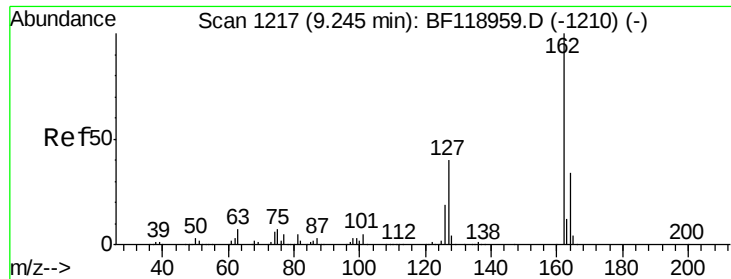
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#46
1,1'-Biphenyl
Concen: 45.418 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	12.9	0.0	31.1





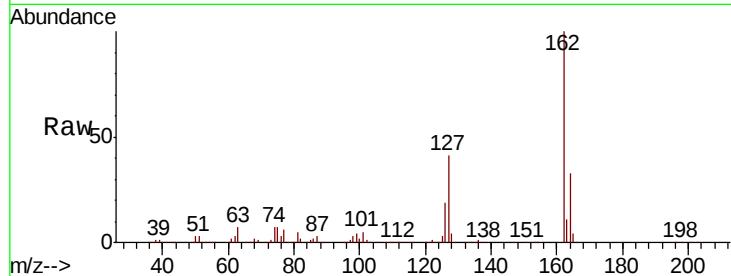
#47
 2-Chloronaphthalene
 Concen: 45.019 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

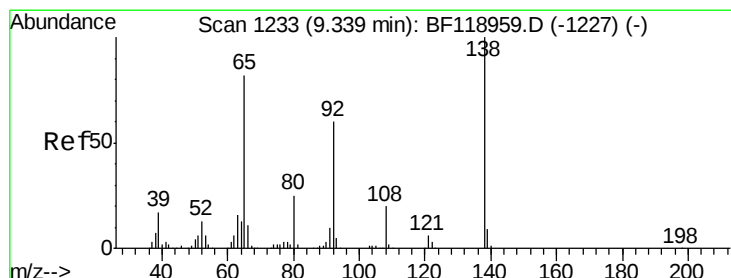
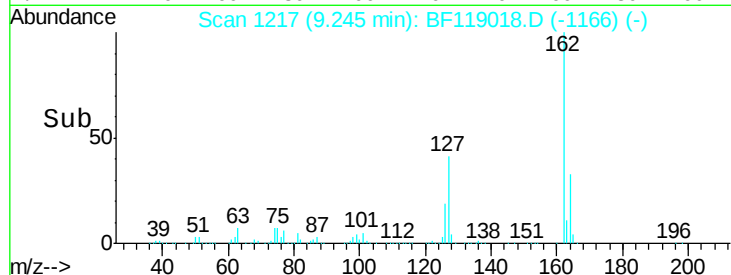
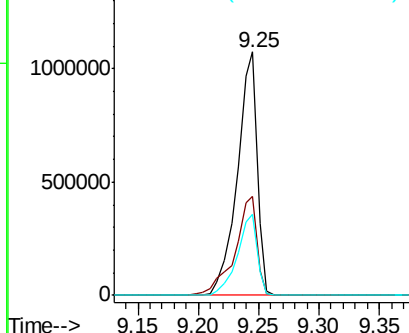
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.5	31.9	47.9		
164	33.5	26.8	40.2		

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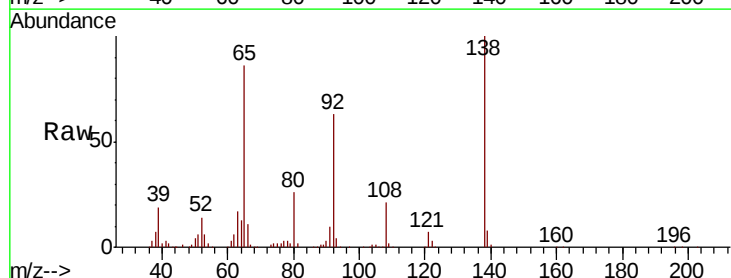


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

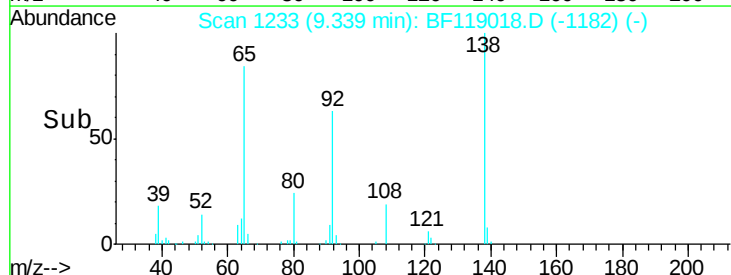
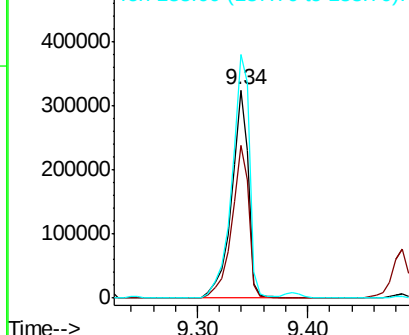


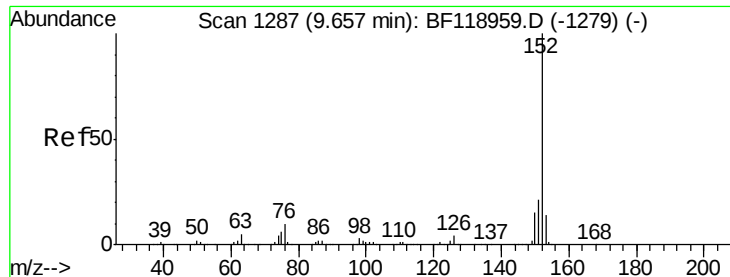
#48
 2-Nitroaniline
 Concen: 45.214 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.2	58.6	87.8		
138	116.8	97.5	146.3		



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.089 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

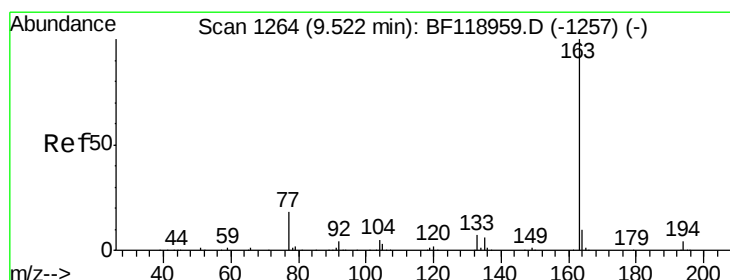
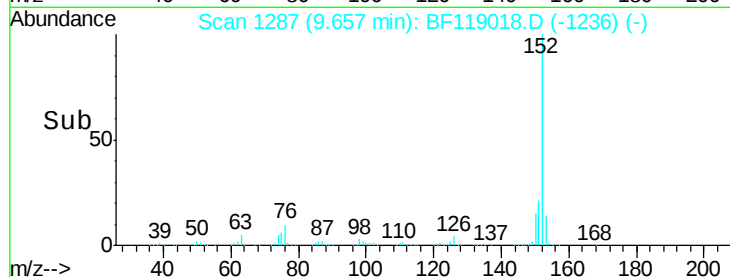
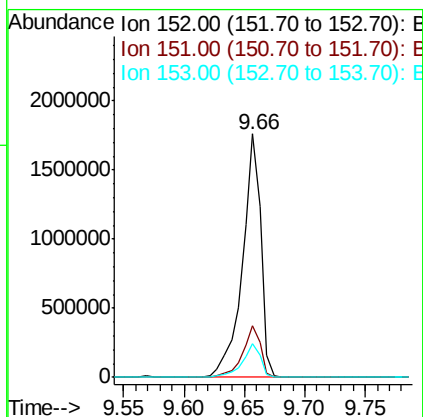
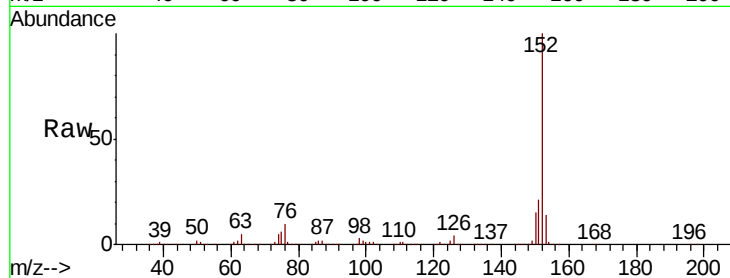
ClientSampleId :

BU-03-021820MSD

Tot Ion:	152	Resp:	1865152
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1
153	13.9	10.9	16.3

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#50

Dimethylphthalate

Concen: 47.617 ng

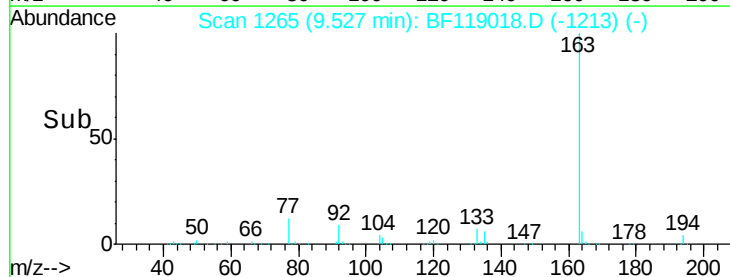
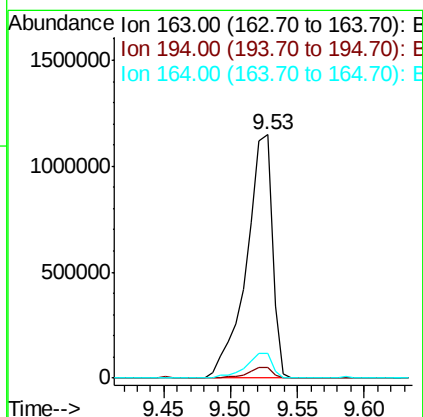
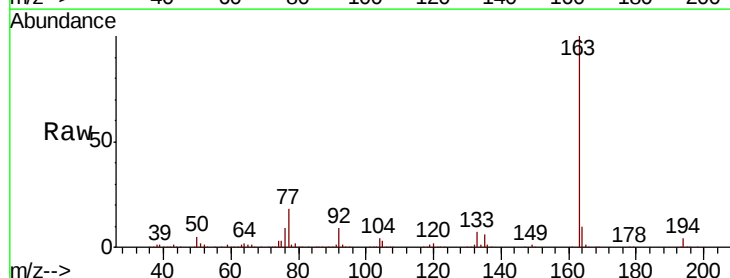
RT: 9.53 min Scan# 1265

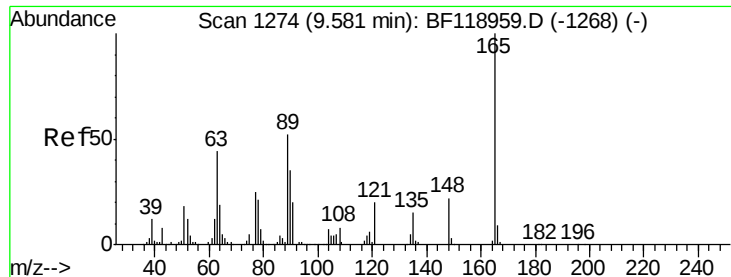
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	163	Resp:	1533237
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2





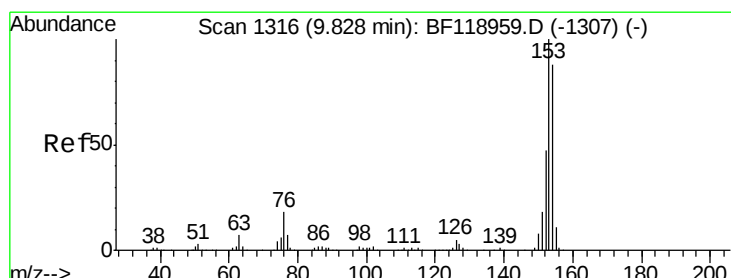
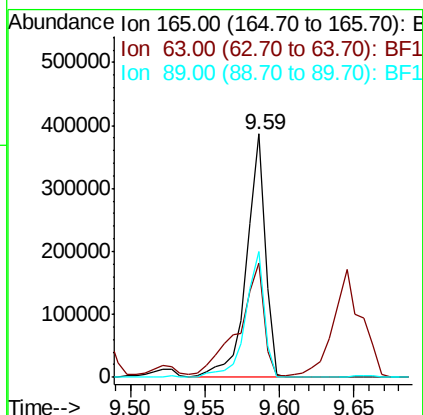
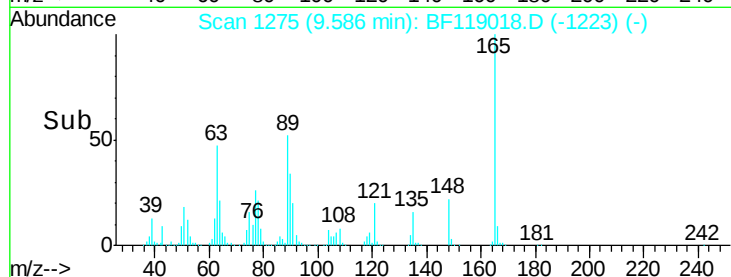
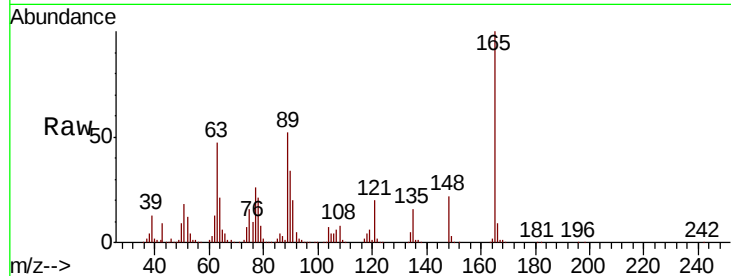
#51
2,6-Dinitrotoluene
Concen: 47.173 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	337466		
63	47.2	37.9	56.9	
89	51.7	41.4	62.0	

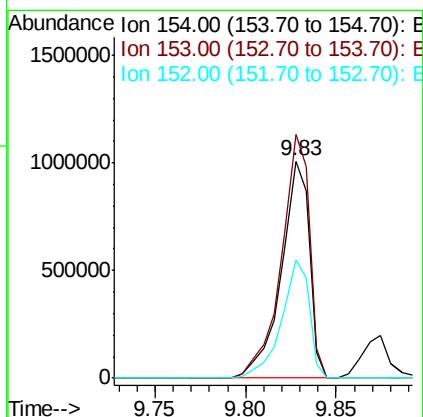
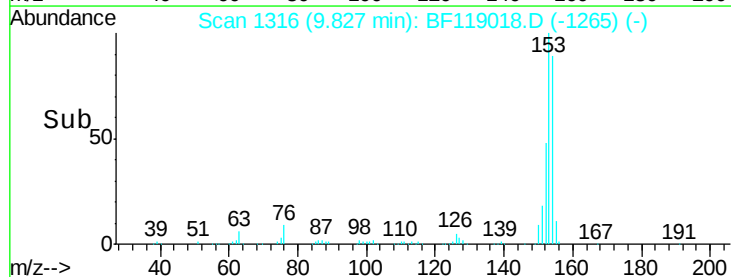
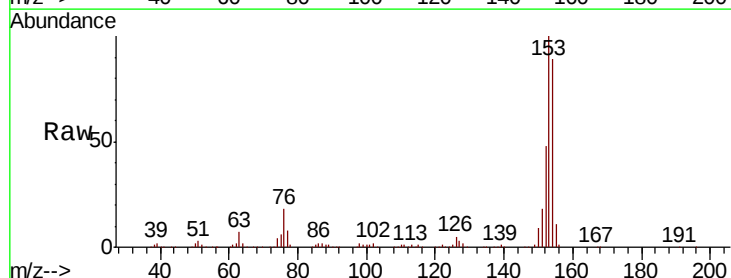
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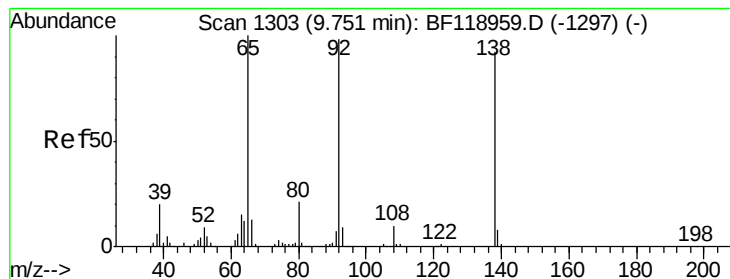
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#52
Acenaphthene
Concen: 45.935 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1097117		
153	112.3	90.4	135.6	
152	54.3	42.9	64.3	





#53

3-Nitroaniline

Concen: 18.664 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

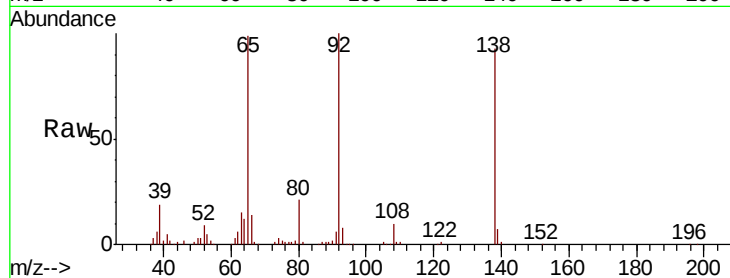
ClientSampleId :

BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	107.0	84.6	127.0

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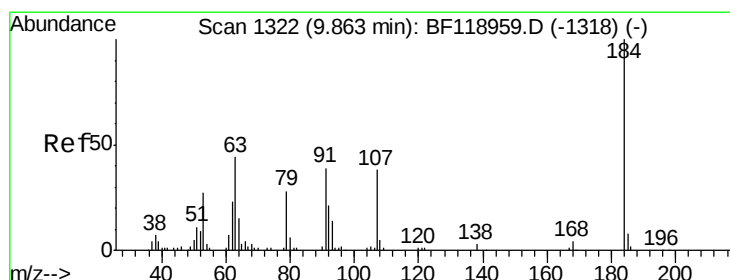
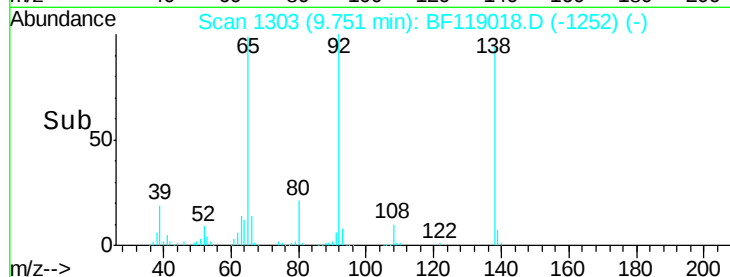
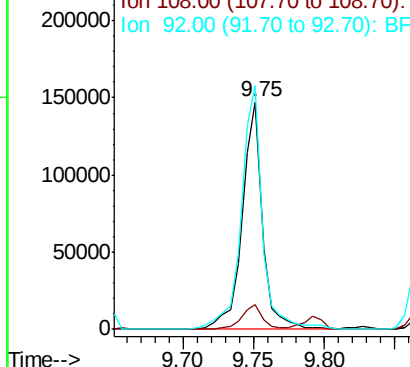


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 95.626 ng

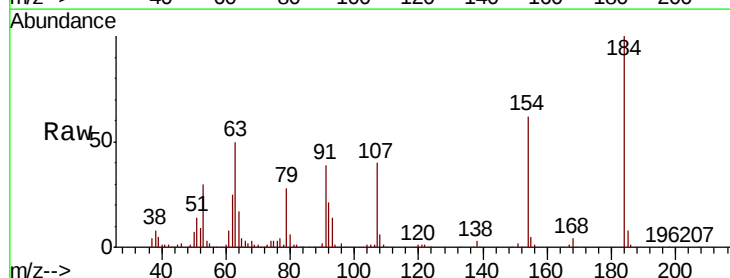
RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.9	37.8	56.6
154	61.7	47.6	71.4

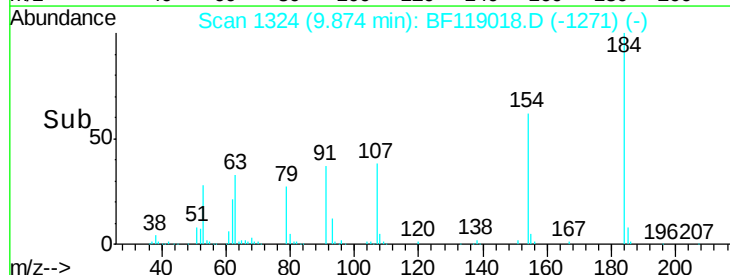
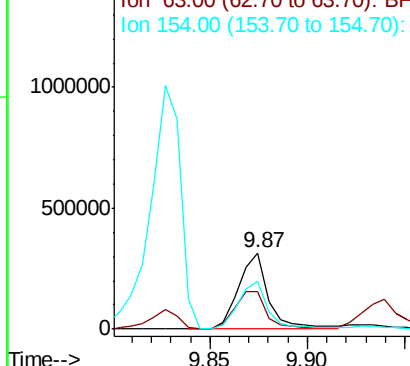


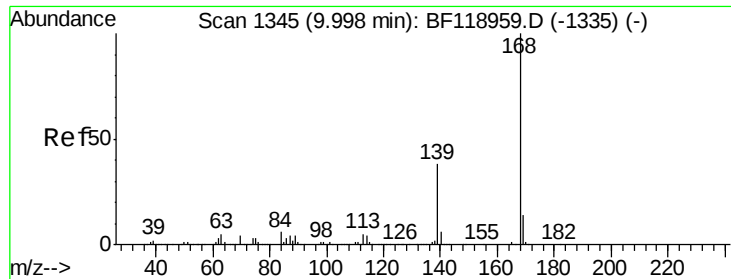
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





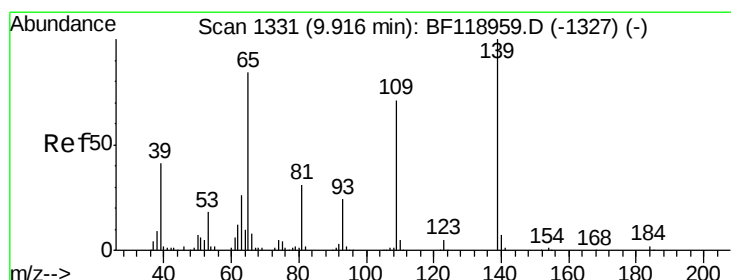
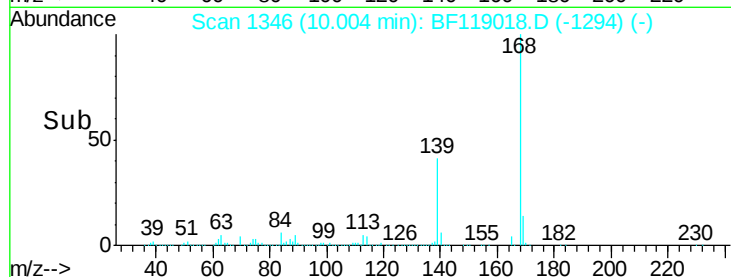
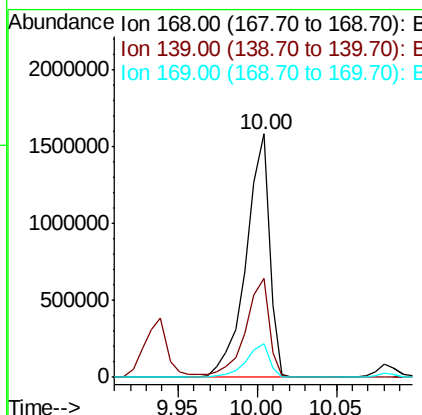
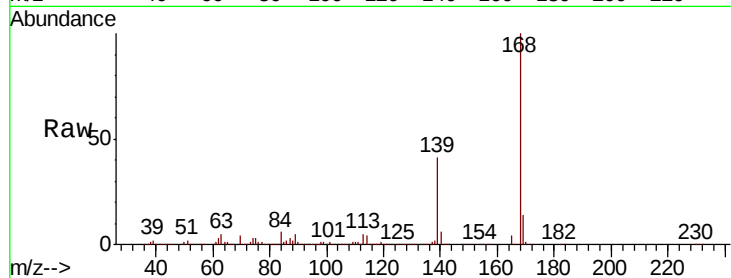
#55
Dibenzenofuran
Concen: 45.496 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.7	47.5
169	13.7	11.0	16.4

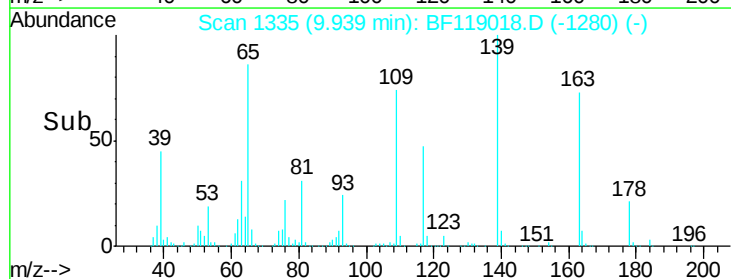
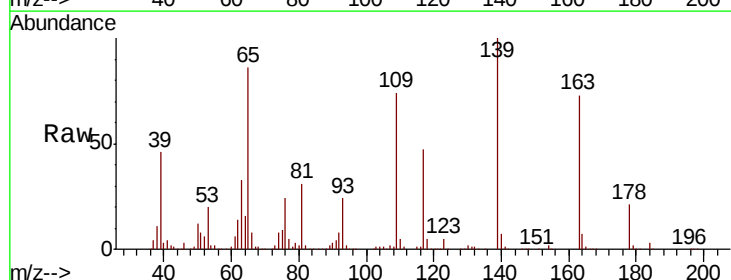
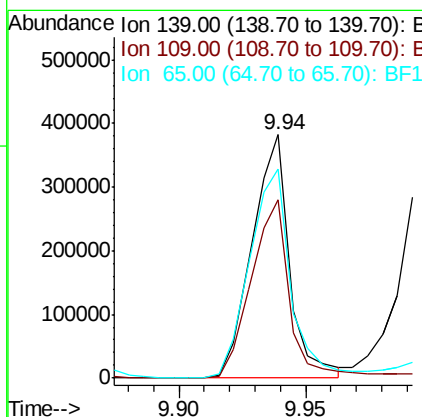
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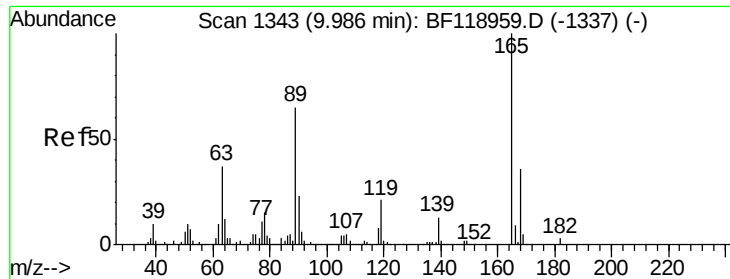
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#56
4-Nitrophenol
Concen: 82.854 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	51.1	91.1
65	85.8	64.7	104.7





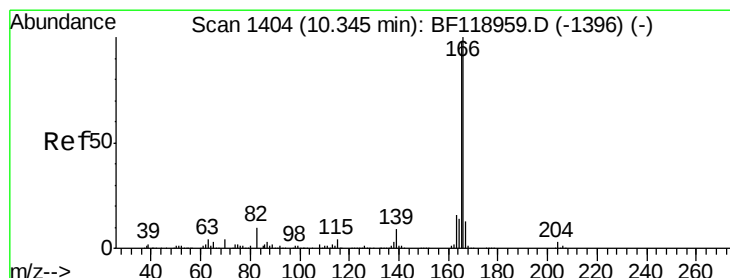
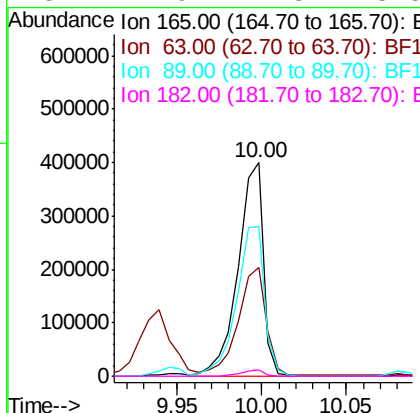
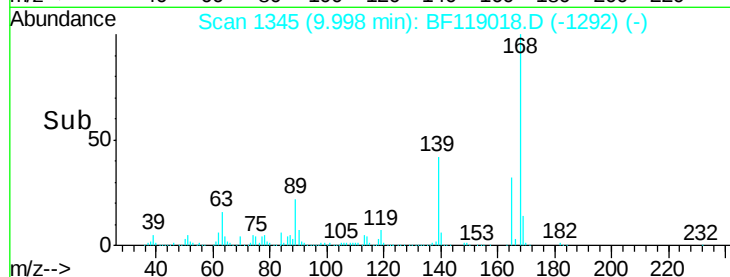
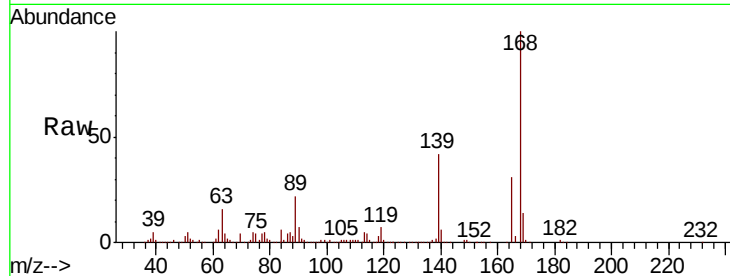
#57
2,4-Dinitrotoluene
Concen: 45.206 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	419173		
63	50.9	29.8	44.8#	
89	70.1	51.9	77.9	
182	2.9	2.3	3.5	

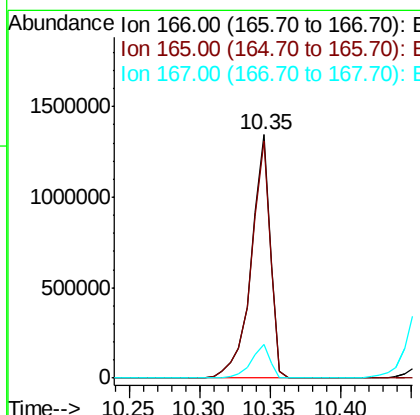
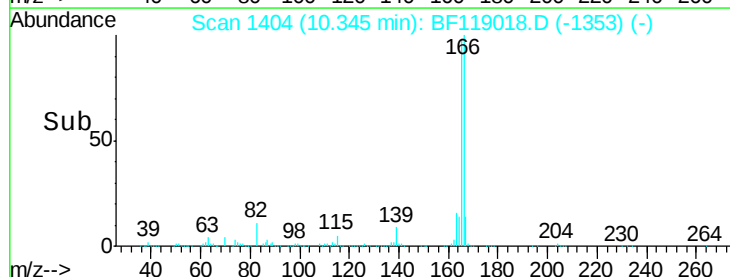
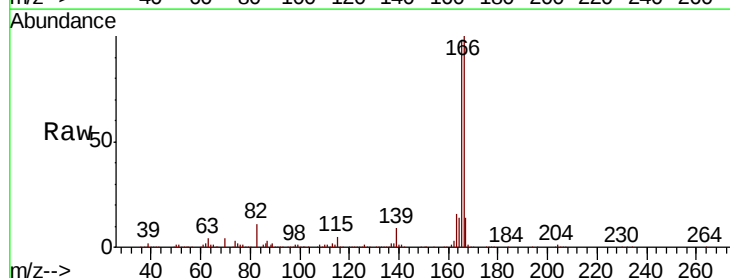
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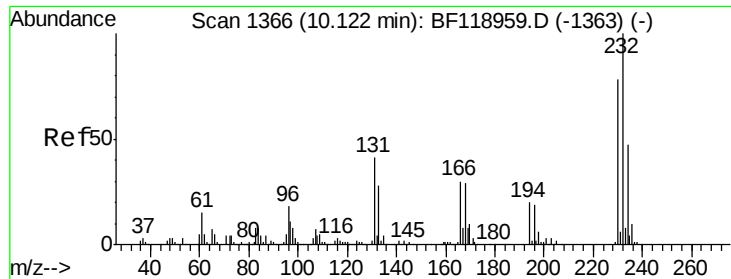
mohammad
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#58
Fluorene
Concen: 46.089 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1276712		
165	97.6	78.2	117.4	
167	13.6	10.6	16.0	





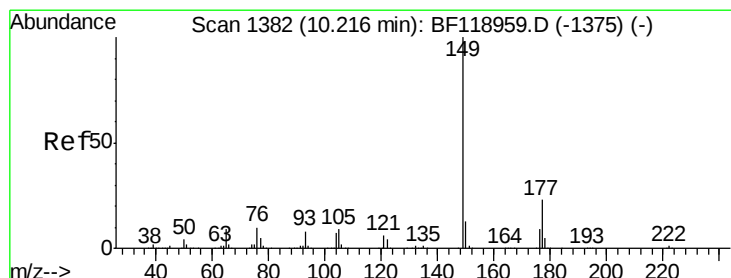
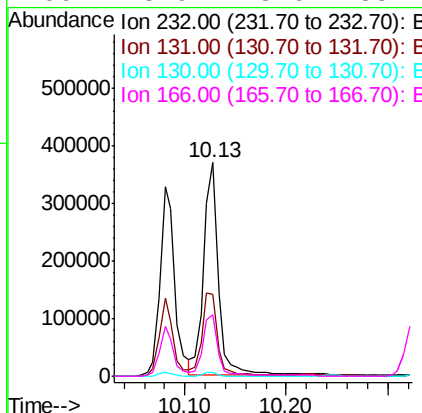
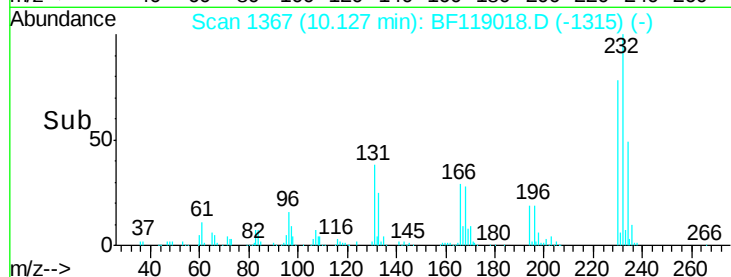
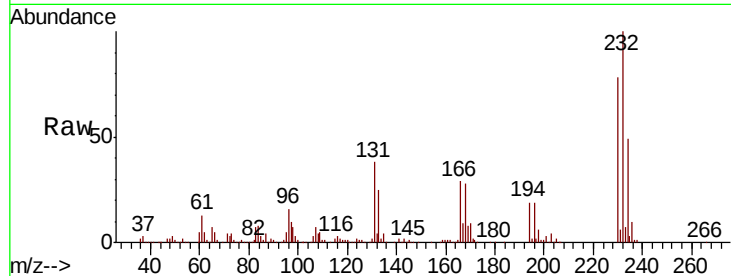
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.203 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.0	51.0
130	2.3	1.6	2.4
166	28.9	23.6	35.4

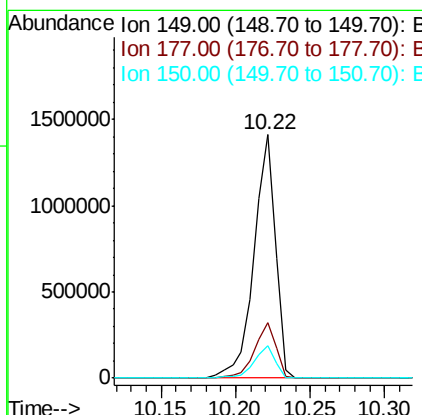
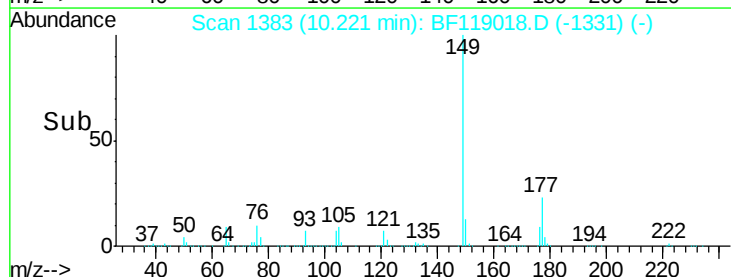
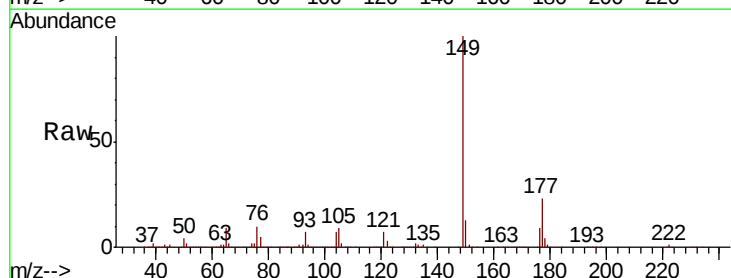
Manual Integrations
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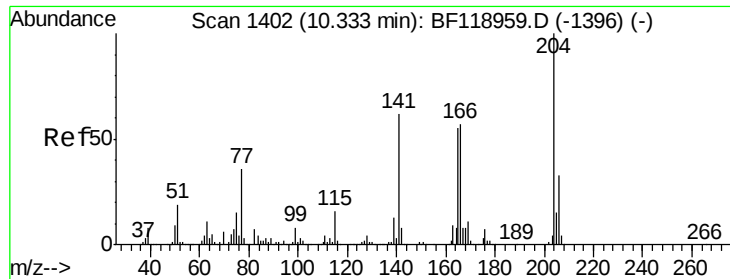
mohammad
 2/25/2020 4:19:09 PM



#60
 Diethylphthalate
 Concen: 45.926 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	13.2	10.4	15.6





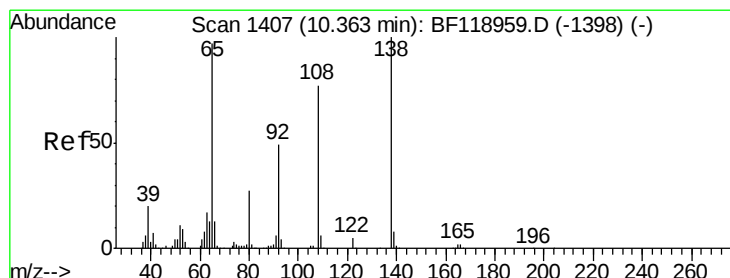
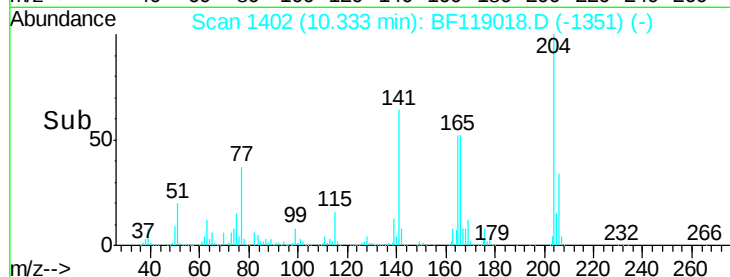
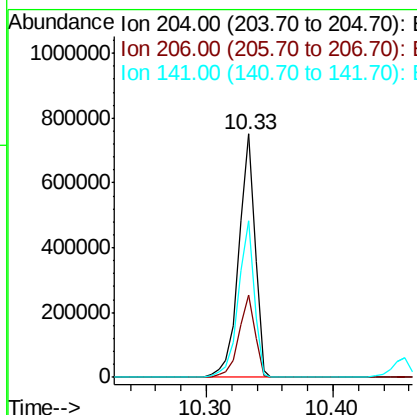
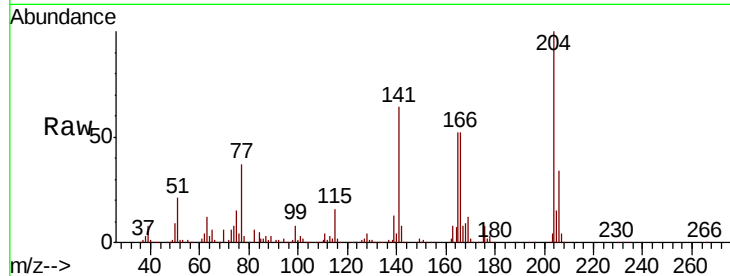
#61
 4-Chlorophenyl-phenylether
 Concen: 44.882 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion:	204	Resp:	658096
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.5	39.7
141	64.5	49.5	74.3

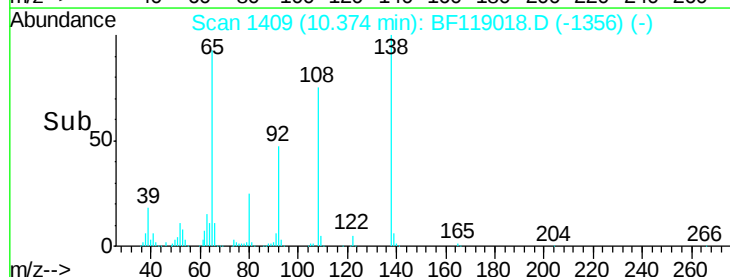
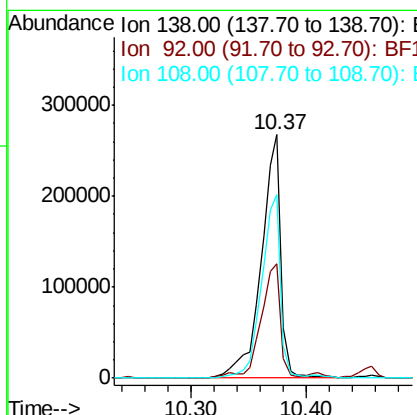
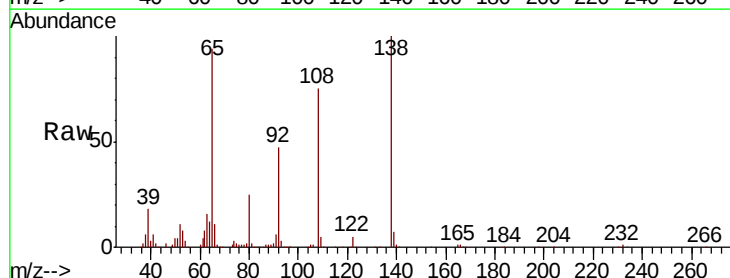
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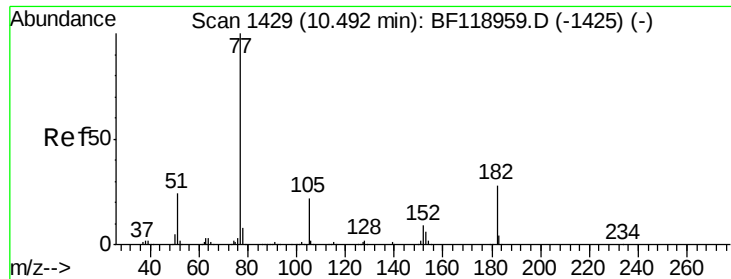
mohammad
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#62
 4-Nitroaniline
 Concen: 39.411 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:	138	Resp:	319786
Ion Ratio	Lower	Upper	
138	100		
92	47.0	28.7	68.7
108	75.4	56.8	96.8





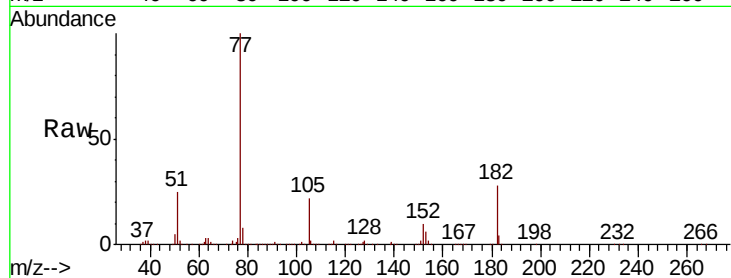
#63
Azobenzene
Concen: 46.863 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

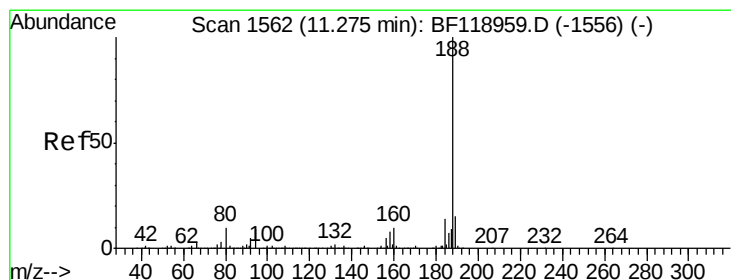
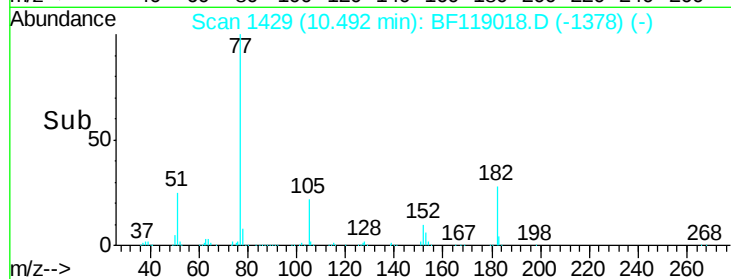
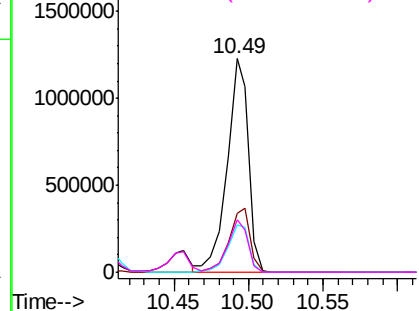
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.2	48.2
105	22.4	2.3	42.3
51	24.9	3.6	43.6

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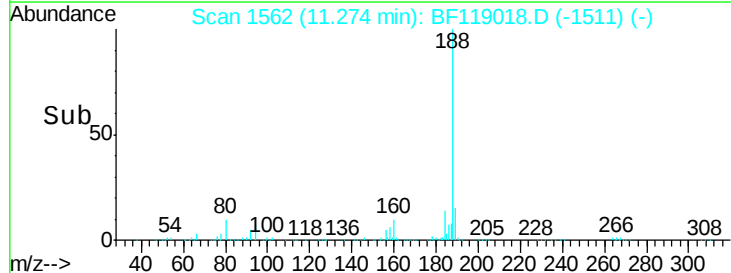
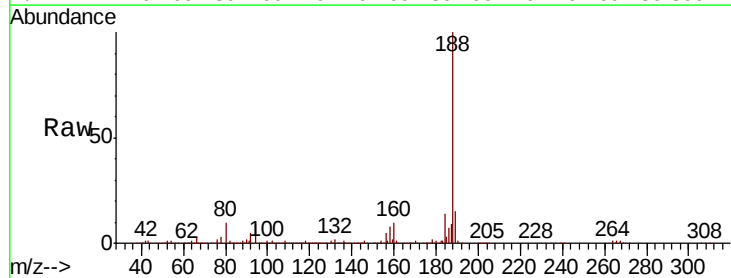
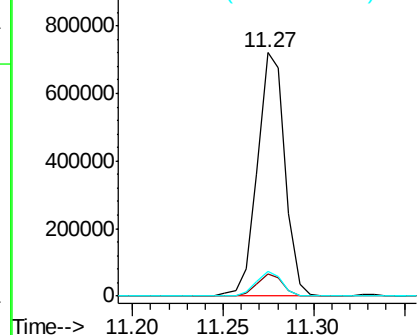
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

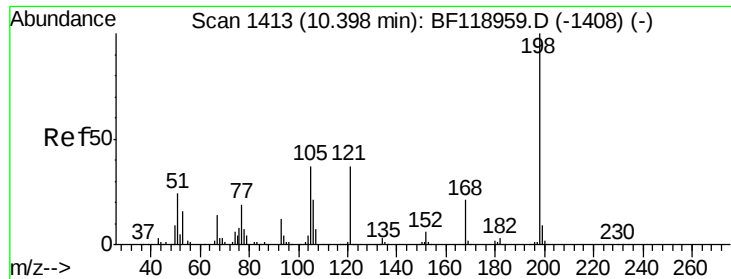


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	10.0	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.067 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion:198 Resp: 249346

Ion Ratio Lower Upper

198 100

51 30.8 7.1 47.1

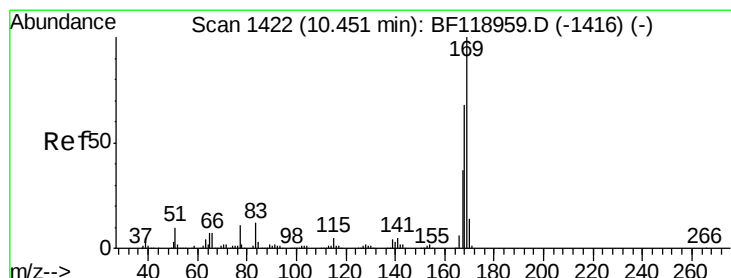
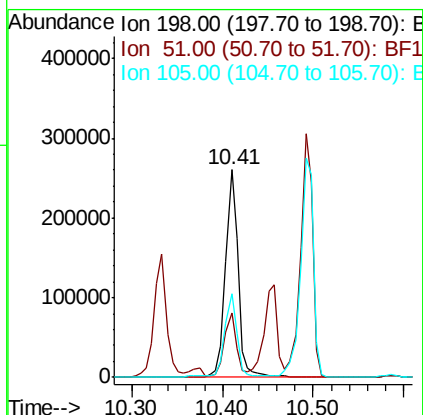
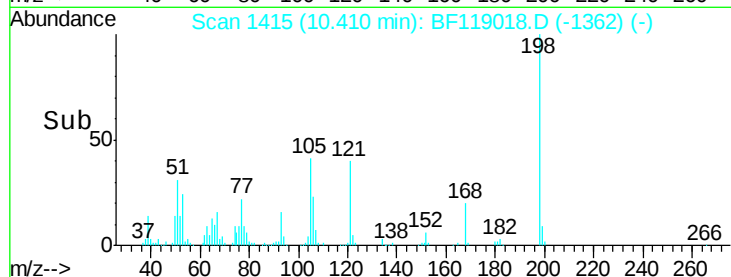
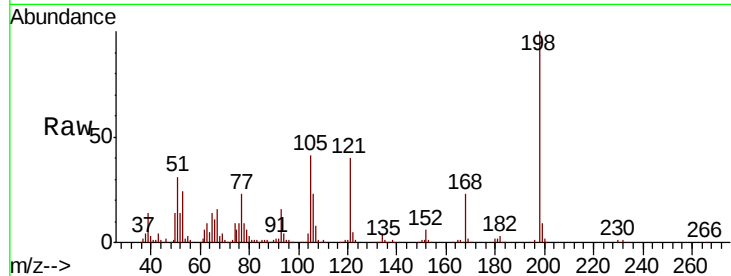
105 40.6 18.3 58.3

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#66

n-Nitrosodiphenylamine

Concen: 46.743 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

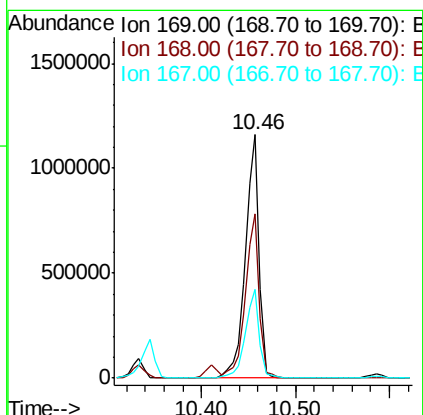
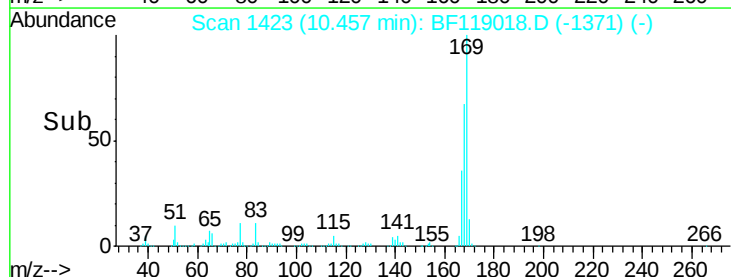
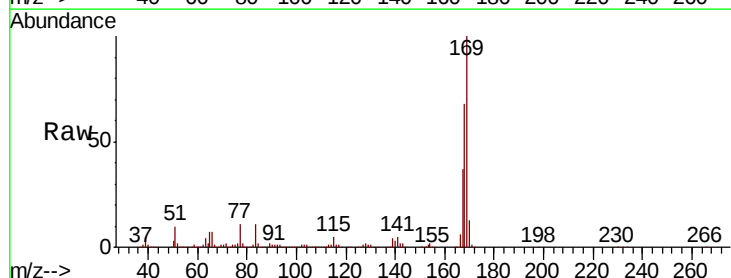
Tgt Ion:169 Resp: 1166497

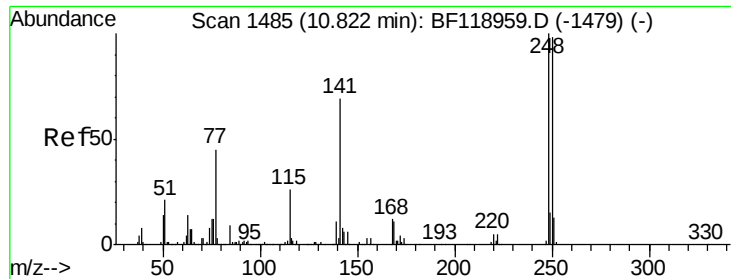
Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

167 36.6 29.4 44.2





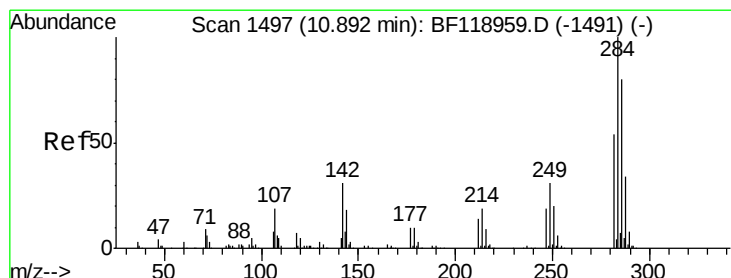
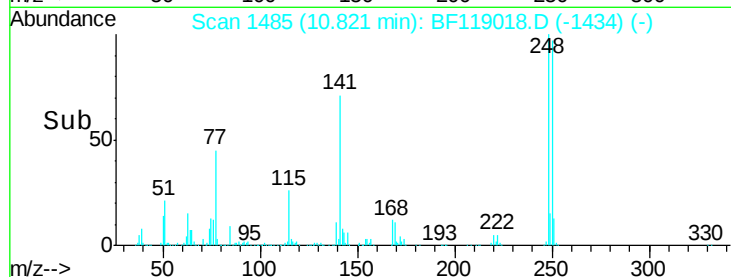
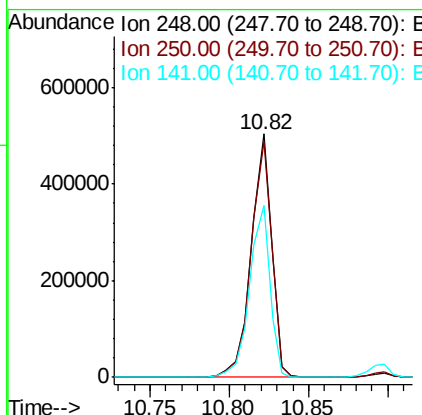
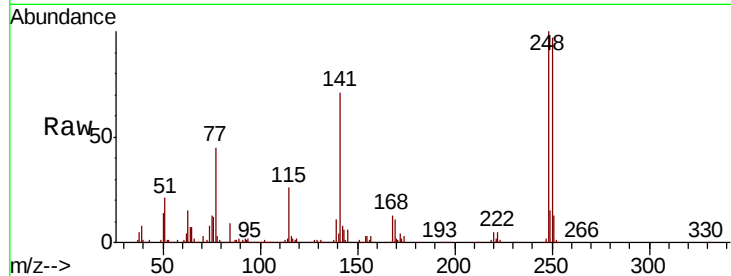
#67
 4-Bromophenyl-phenylether
 Concen: 45.214 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	70.6	55.3	82.9

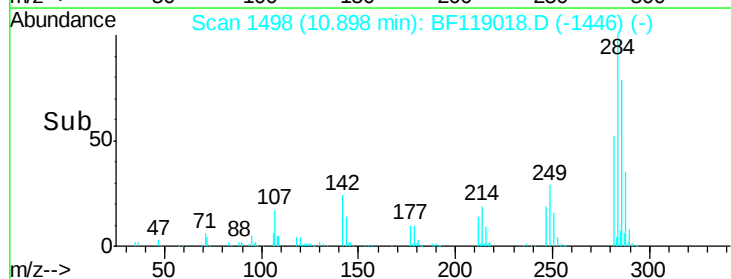
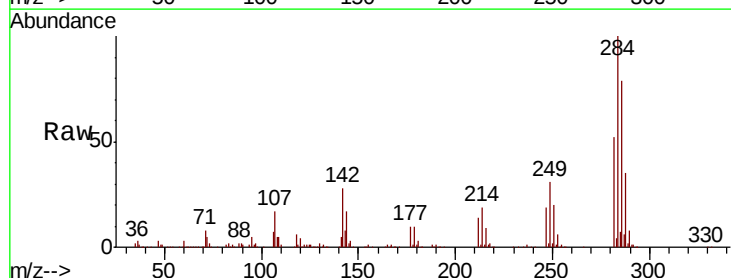
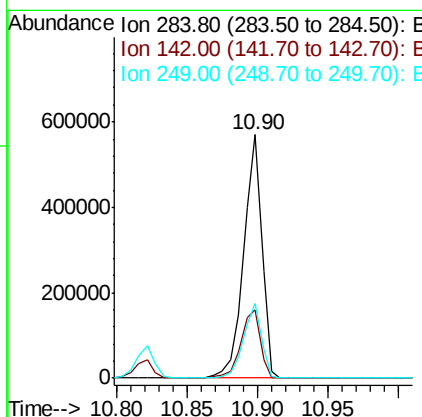
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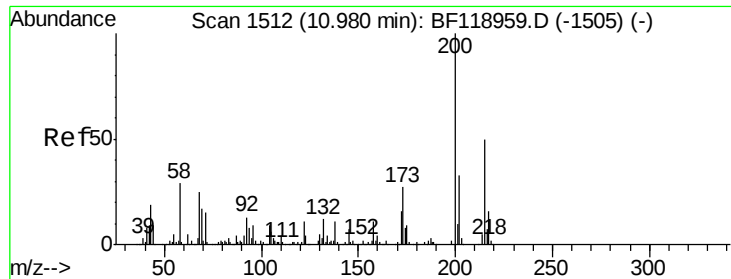
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#68
 Hexachlorobenzene
 Concen: 44.689 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	25.0	37.6
249	30.6	25.0	37.4





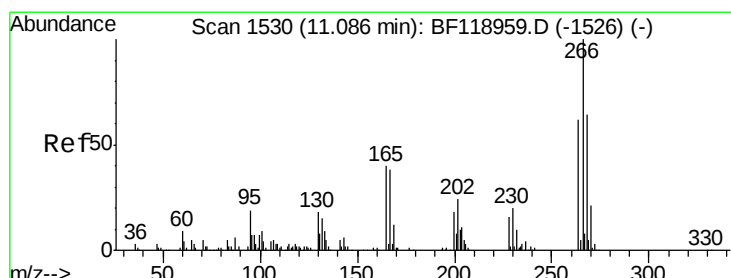
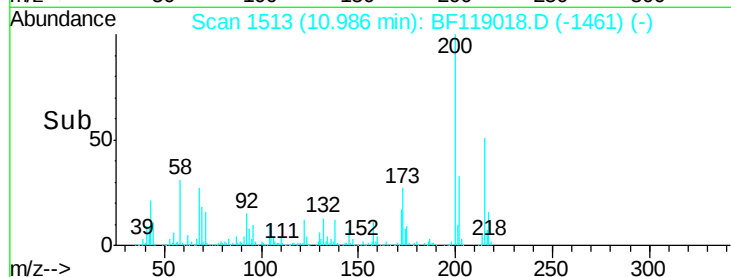
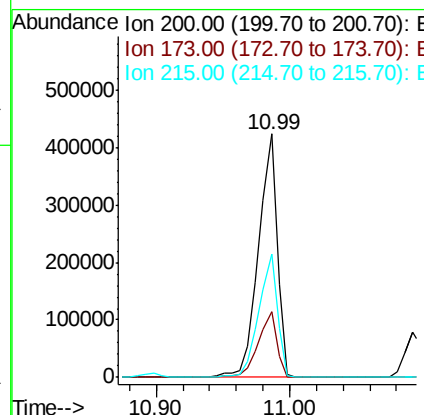
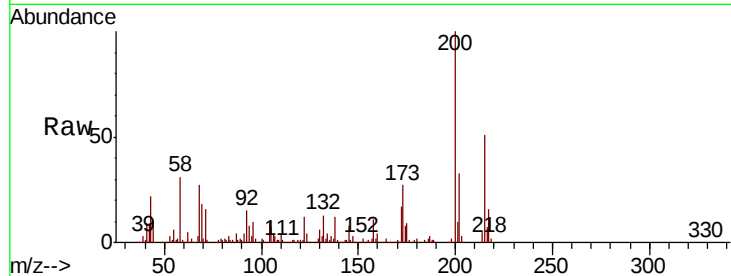
#69
Atrazine
Concen: 46.541 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	6.9	46.9	
215	50.5	29.7	69.7	

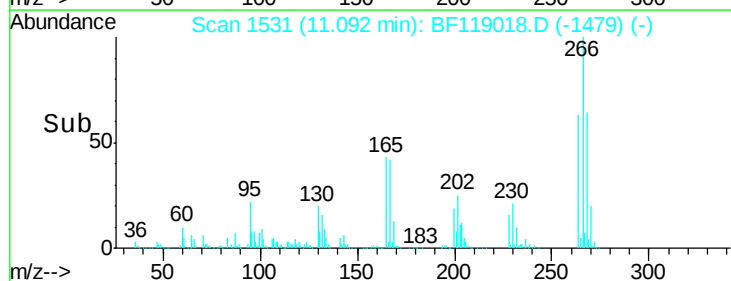
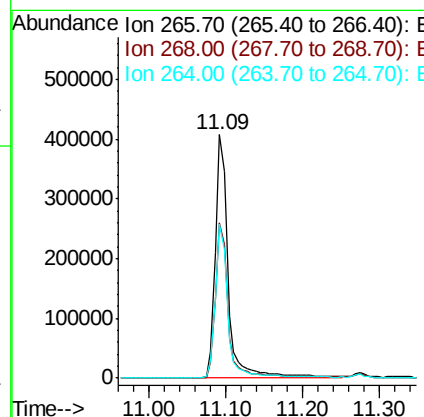
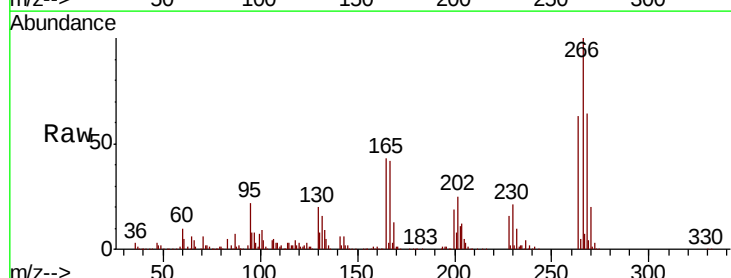
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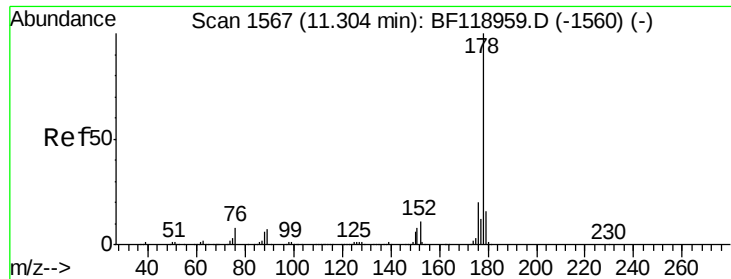
mohammad
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#70
Pentachlorophenol
Concen: 102.424 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.9	51.4	77.0	
264	63.3	49.5	74.3	





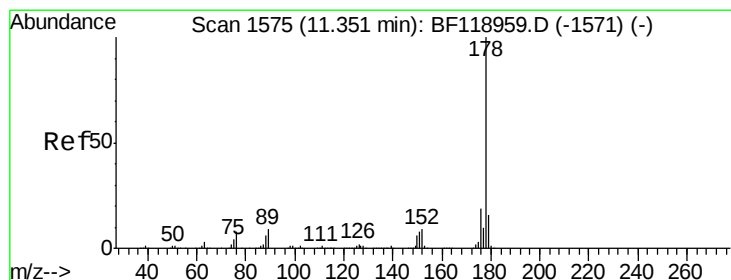
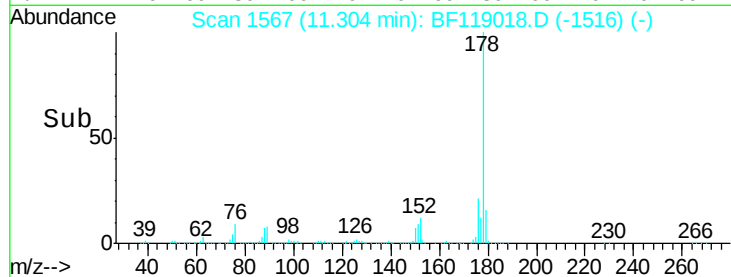
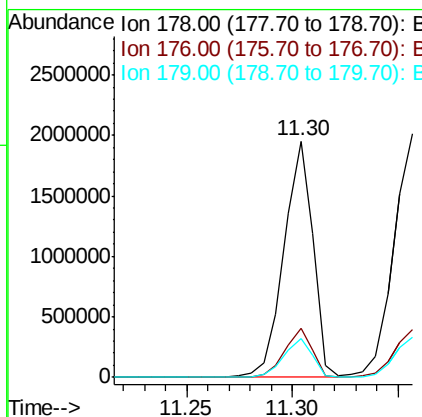
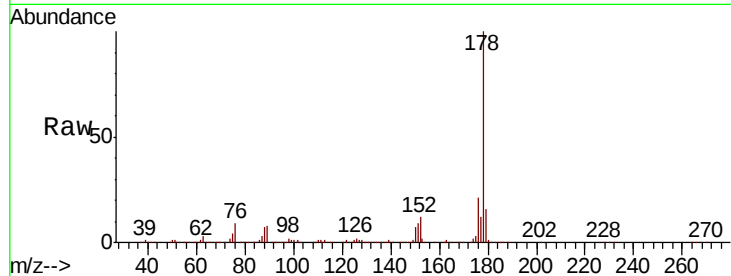
#71
Phenanthrene
Concen: 45.121 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion:178 Resp: 1875394
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 16.4 12.6 18.8

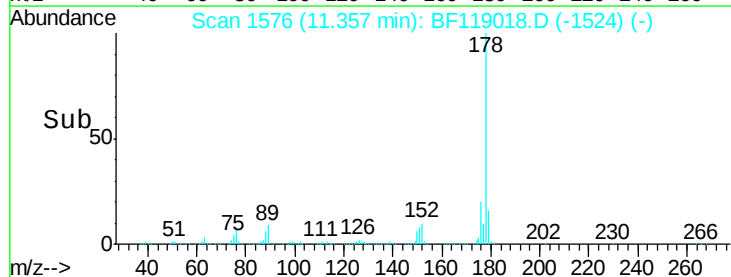
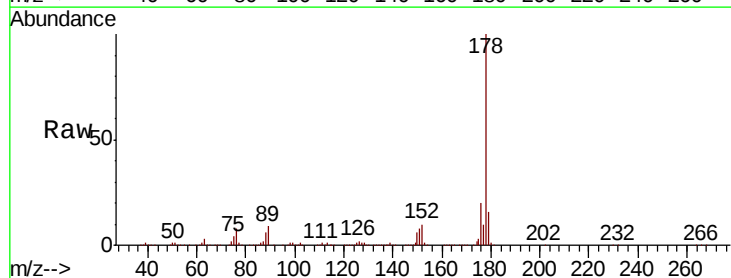
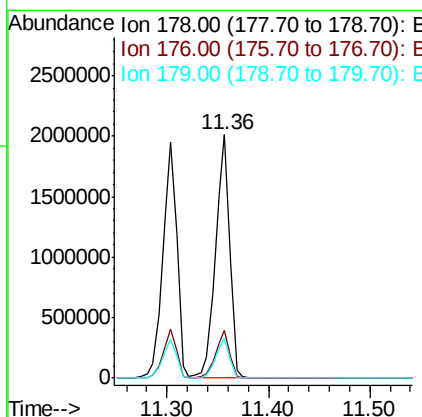
Manual Integrations
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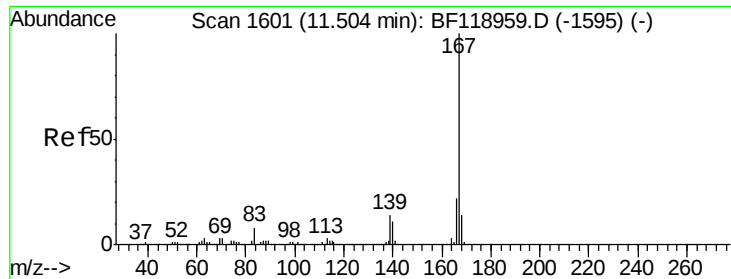
mohammad
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#72
Anthracene
Concen: 46.755 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:178 Resp: 1941693
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.2 12.8 19.2





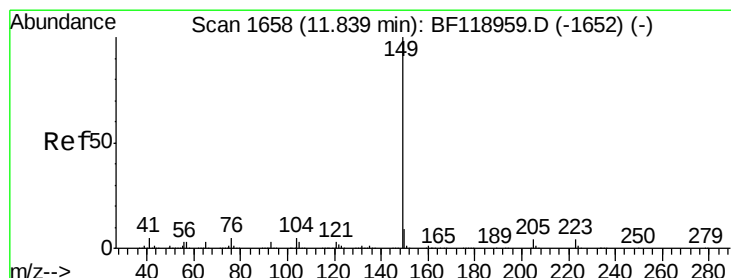
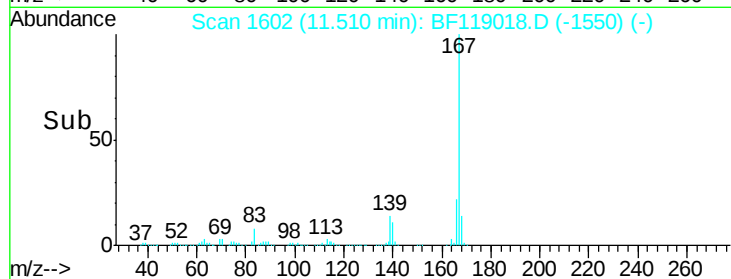
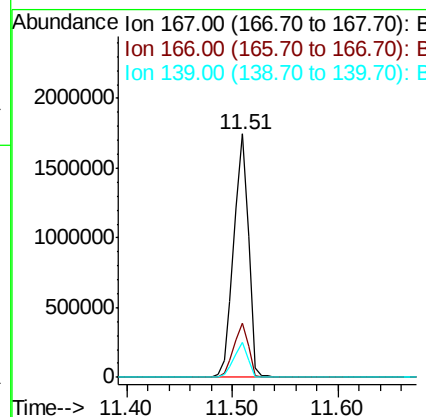
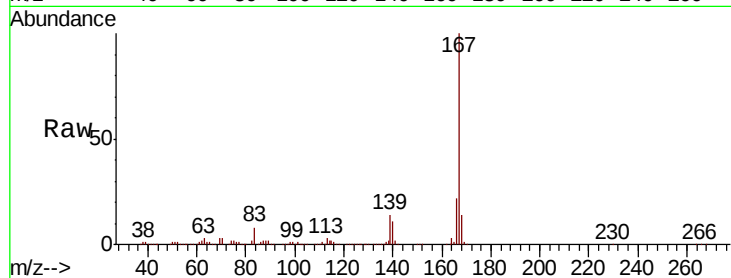
#73
 Carbazole
 Concen: 45.714 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	14.2	11.2	16.8

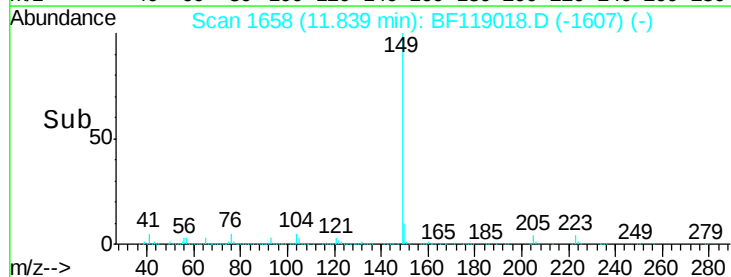
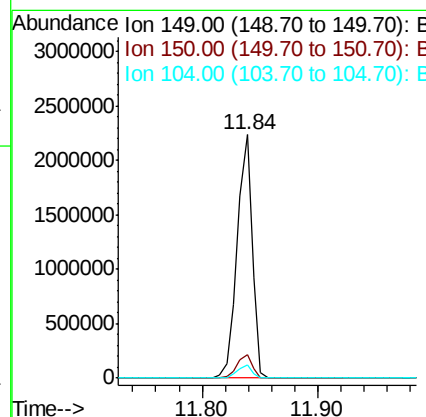
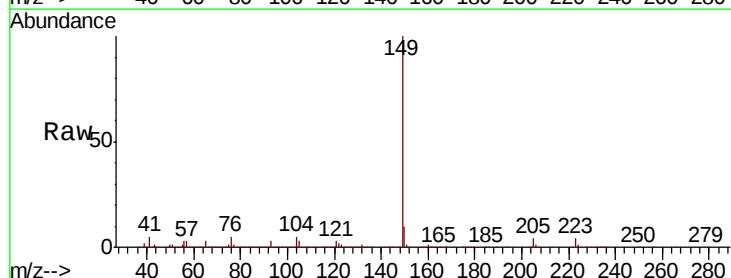
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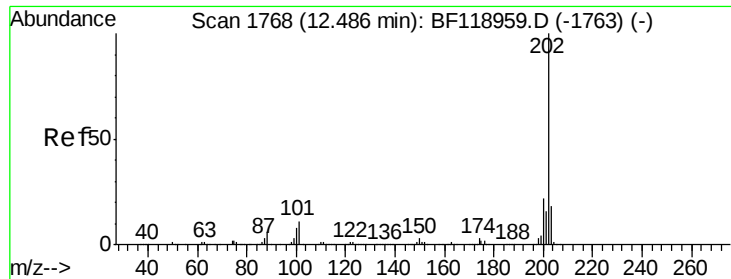
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.148 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 44.349 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleID :

BU-03-021820MSD

Tot Ion:202 Resp: 1956624

Ion Ratio Lower Upper

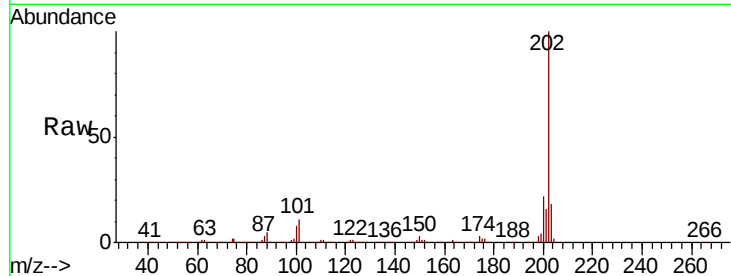
202 100

101 10.6 0.0 31.1

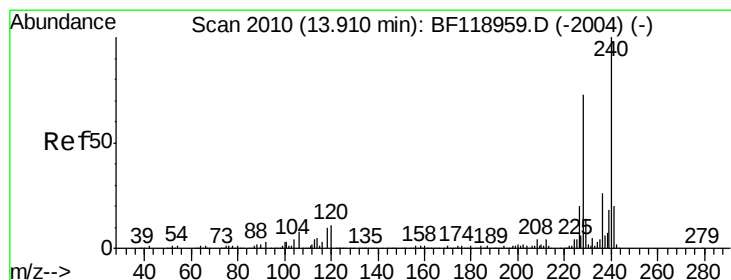
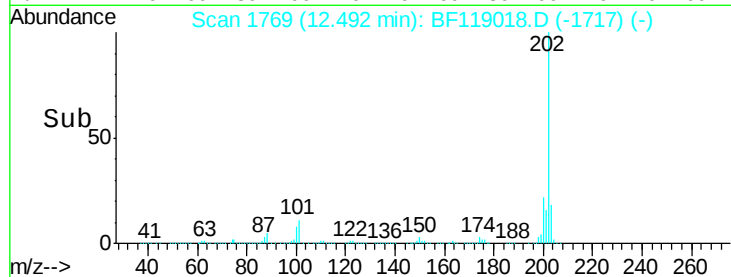
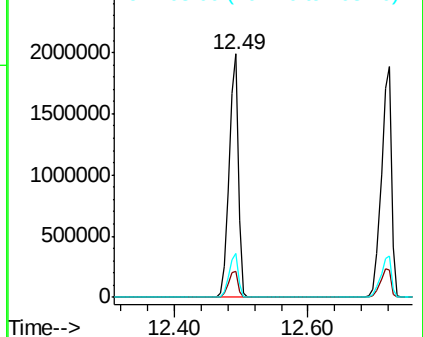
203 18.1 0.0 38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:240 Resp: 501583

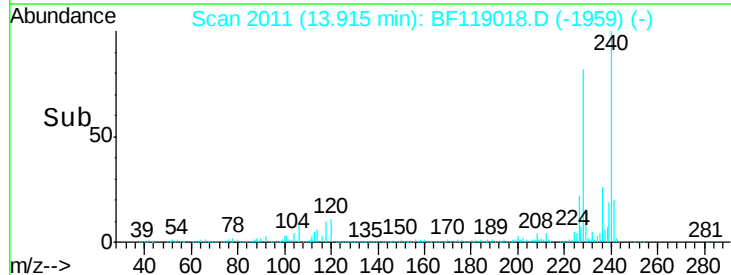
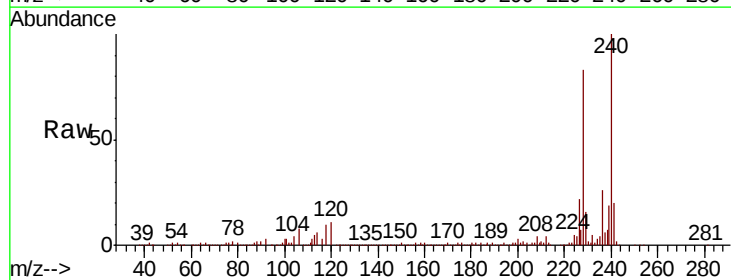
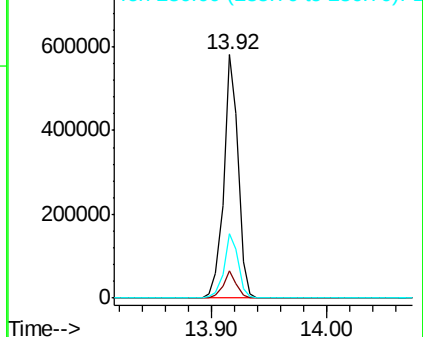
Ion Ratio Lower Upper

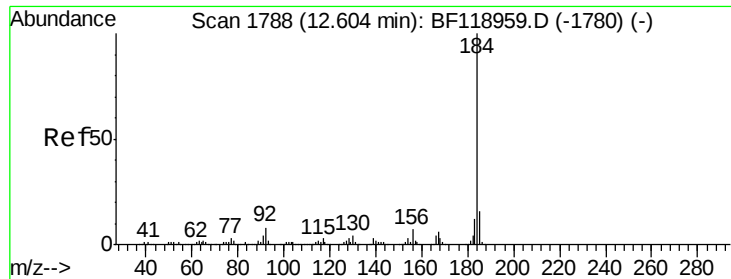
240 100

120 11.0 8.9 13.3

236 26.4 20.6 30.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.661 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

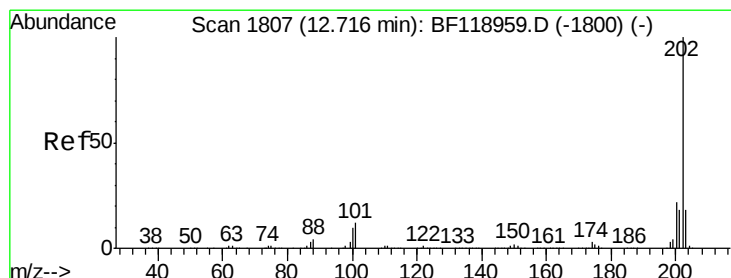
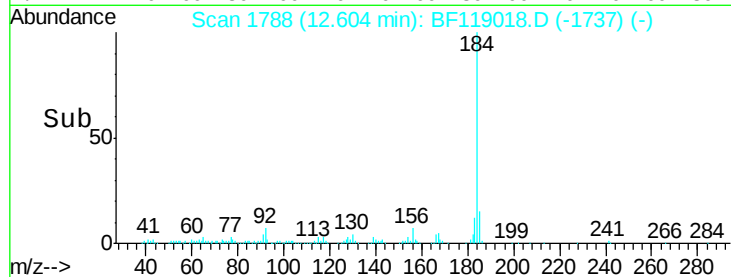
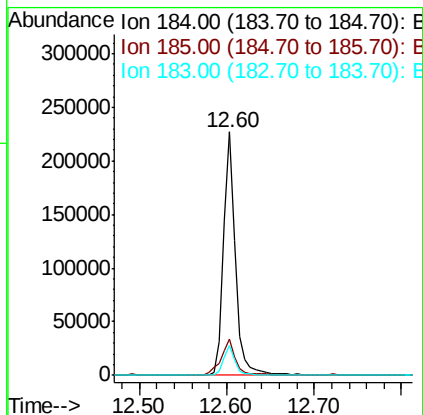
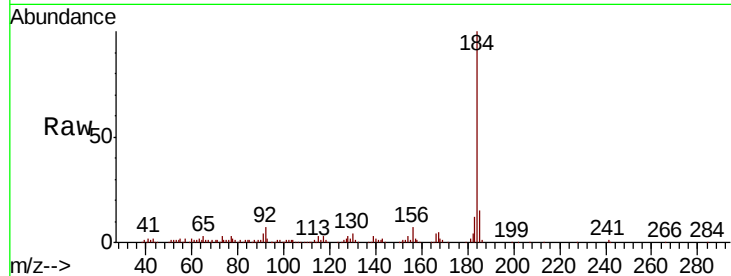
ClientSampleId :

BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	12.4	9.9	14.9

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#78

Pyrene

Concen: 48.226 ng

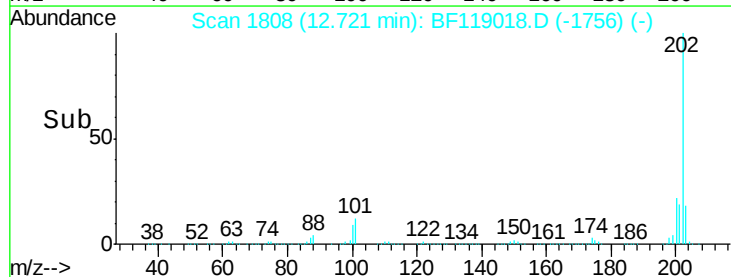
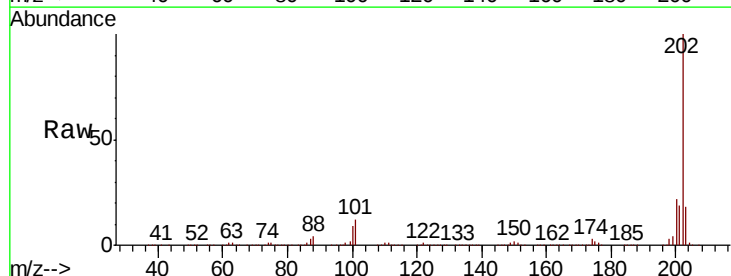
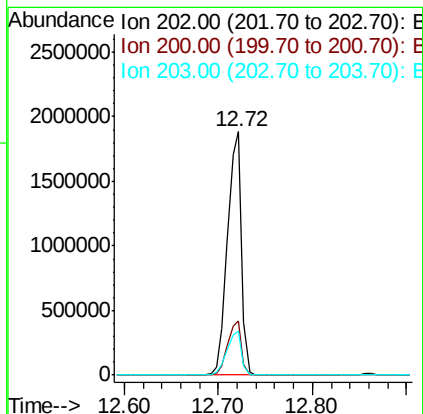
RT: 12.72 min Scan# 1808

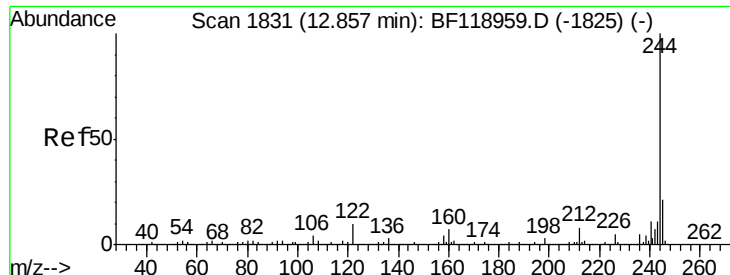
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.0
203	18.1	14.5	21.7





#79

Terphenyl-d14

Concen: 94.500 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion:244 Resp: 2753121

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

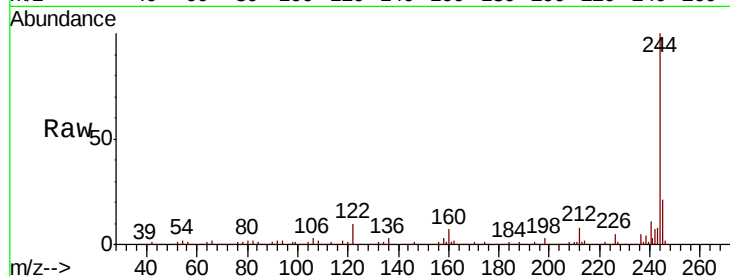
122 9.9 8.4 12.6

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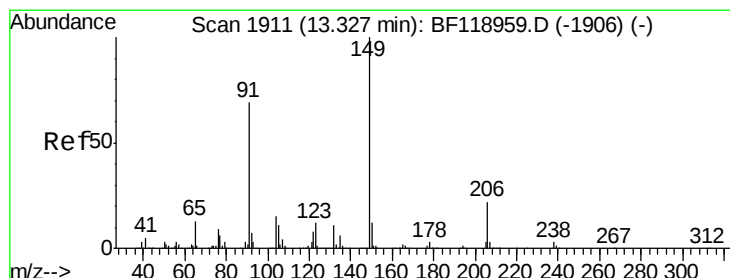
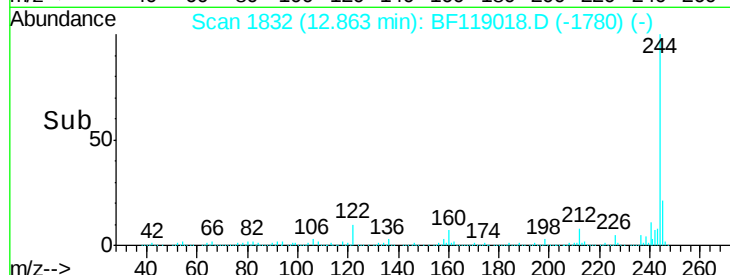
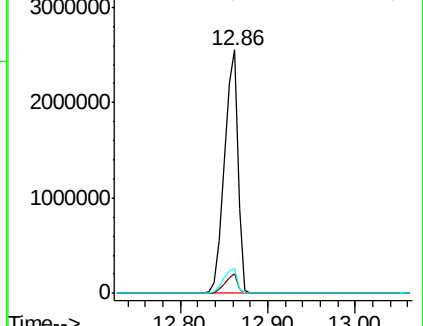
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.766 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

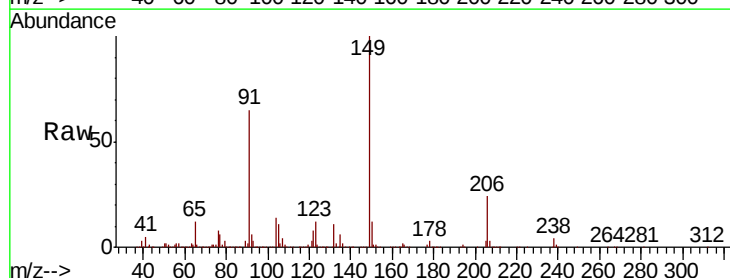
Tgt Ion:149 Resp: 826638

Ion Ratio Lower Upper

149 100

91 64.9 55.4 83.2

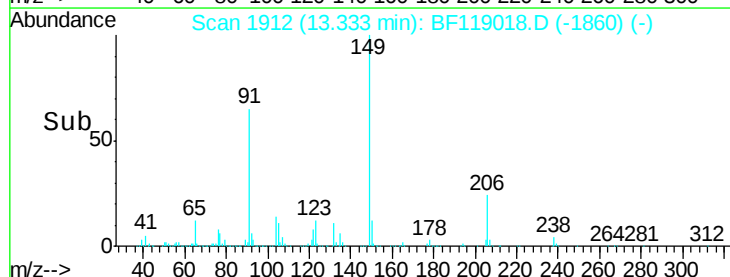
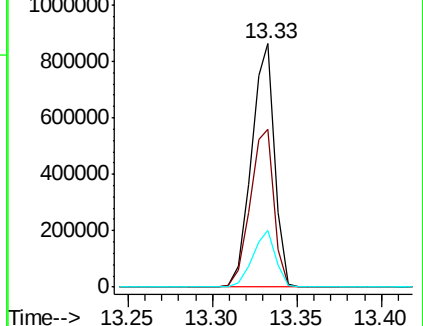
206 23.5 17.7 26.5

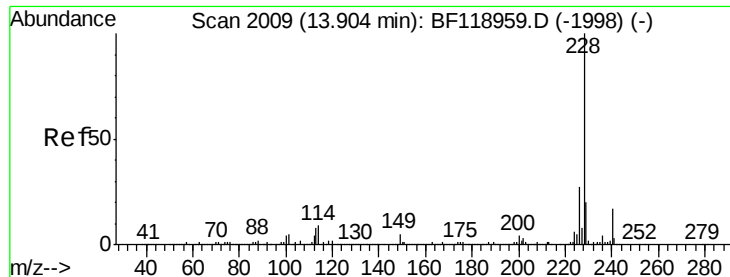


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.485 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion:228 Resp: 1622841

Ion Ratio Lower Upper

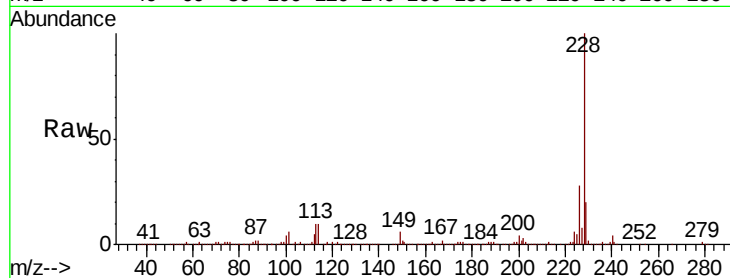
228 100

226 27.9 21.8 32.8

229 20.5 16.0 24.0

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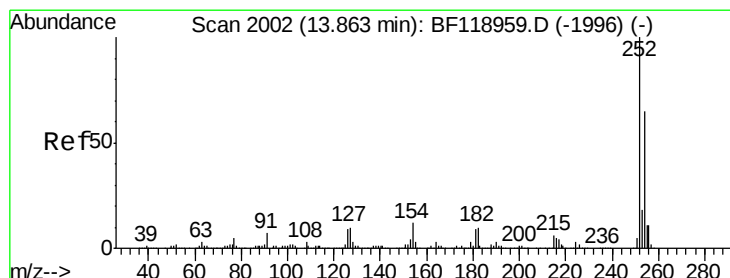
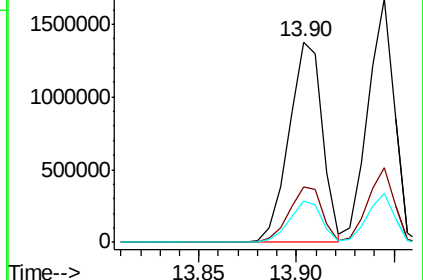
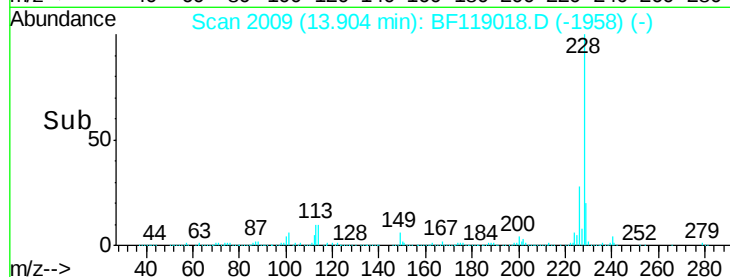
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.084 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

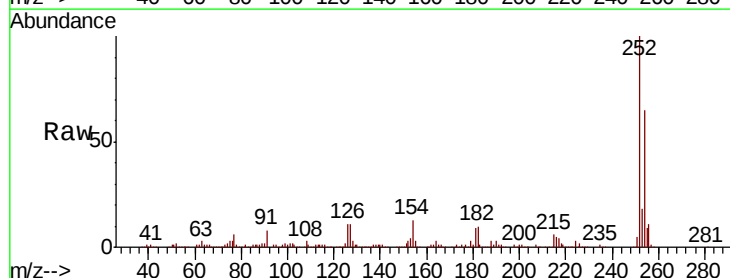
Tgt Ion:252 Resp: 332886

Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

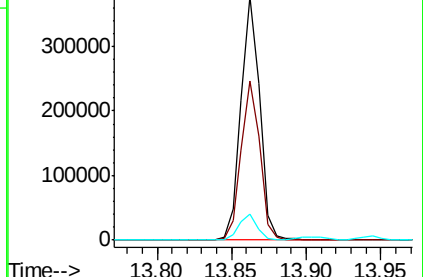
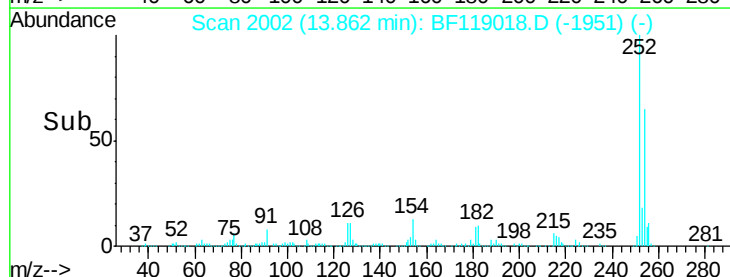
126 10.5 7.3 10.9

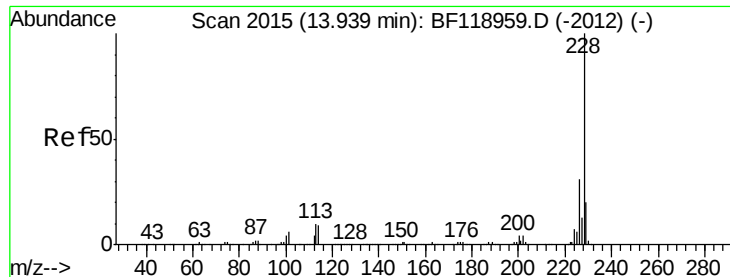


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





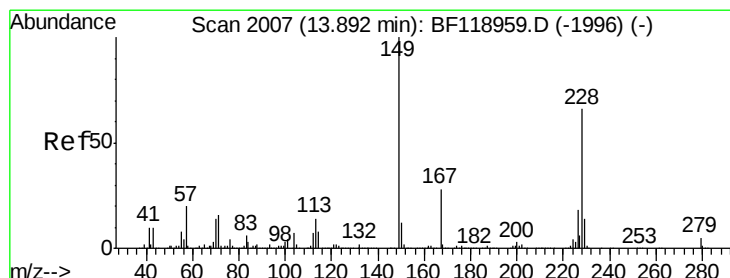
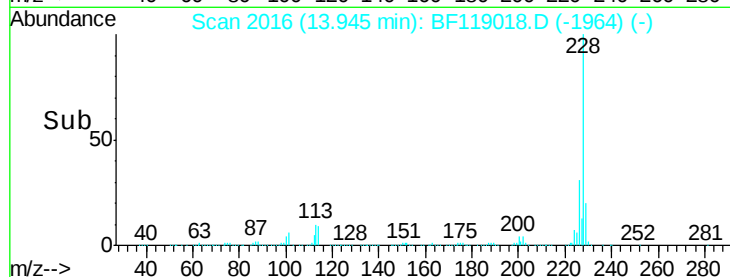
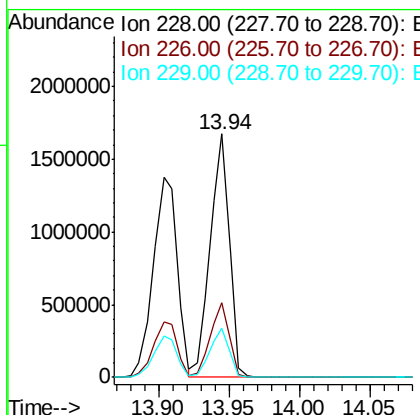
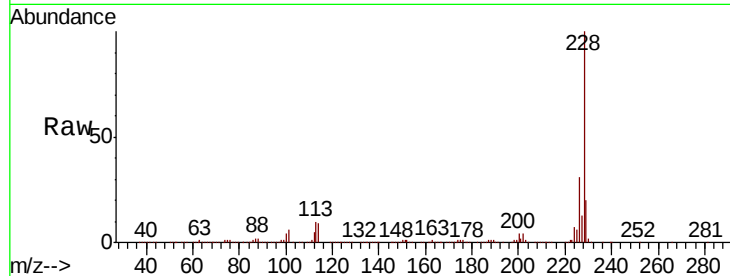
#83
 Chrvsene
 Concen: 46.265 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MSD

Tot Ion:228 Resp: 1575503
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 37.0
 229 20.1 16.2 24.2

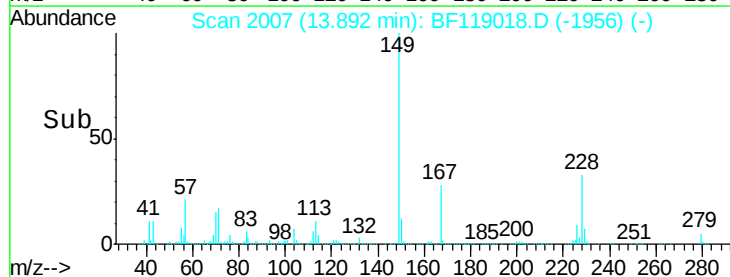
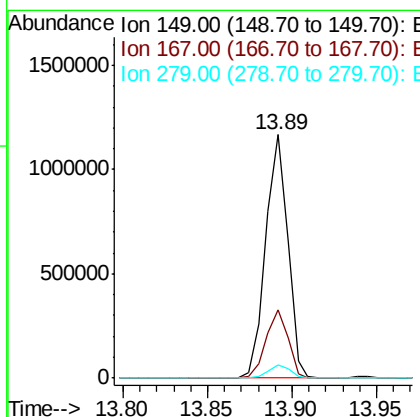
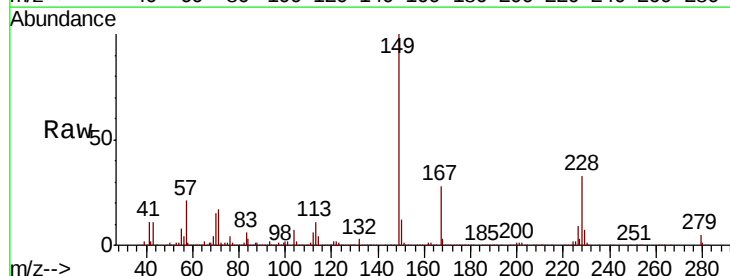
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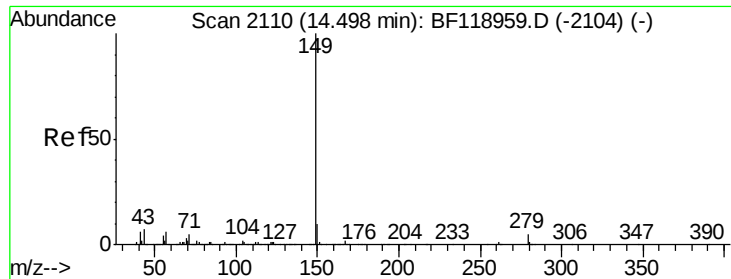
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.542 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:149 Resp: 1060959
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.3 33.5
 279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 48.873 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MSD

Tot Ion:149 Resp: 1667603

Ion Ratio Lower Upper

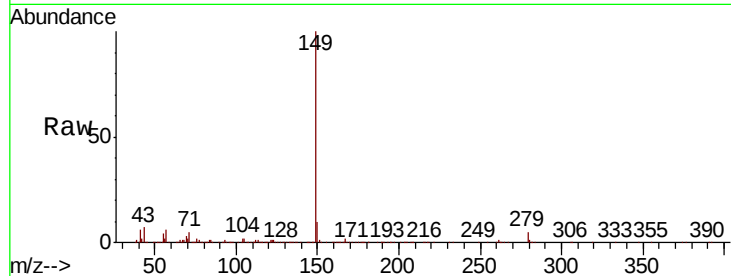
149 100

167 1.6 1.3 1.9

43 6.6 5.2 7.8

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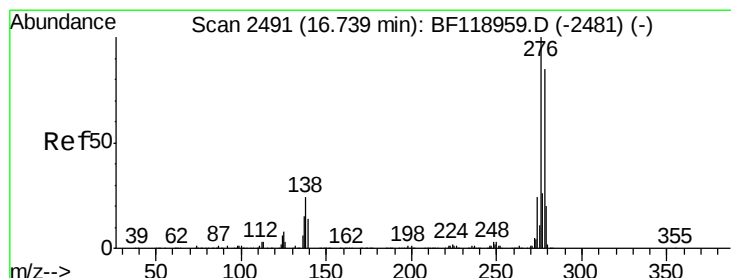
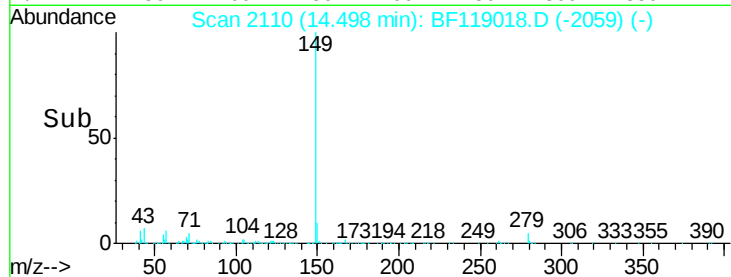
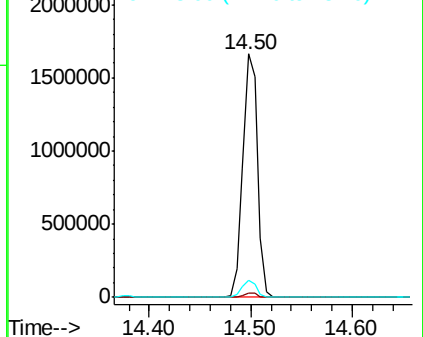
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.377 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

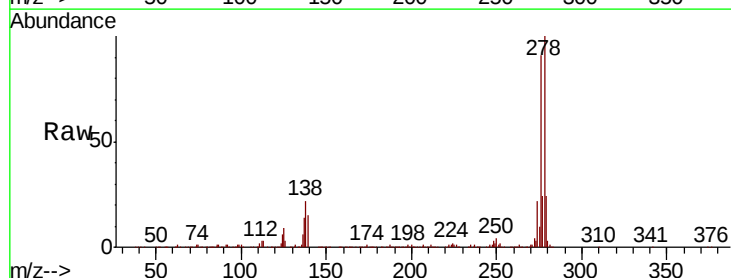
Tgt Ion:276 Resp: 1463258

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

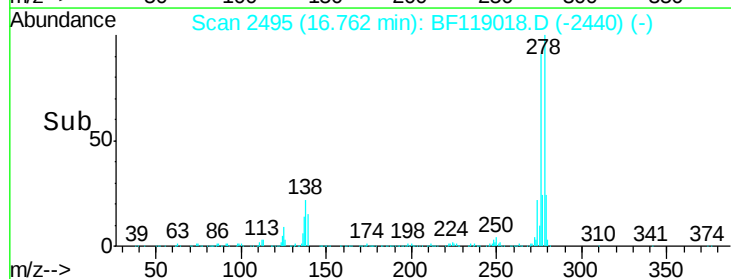
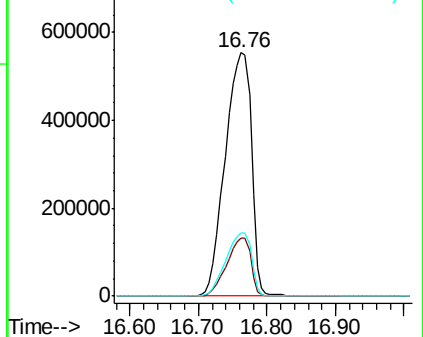
277 25.6 20.3 30.5

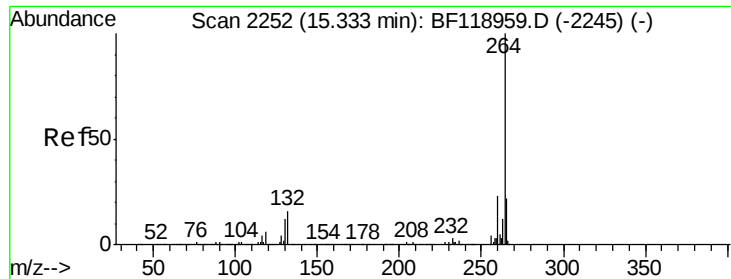


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

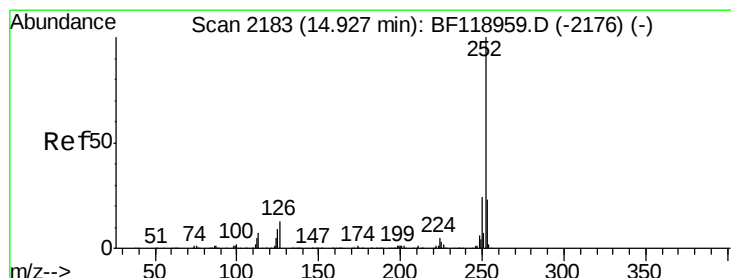
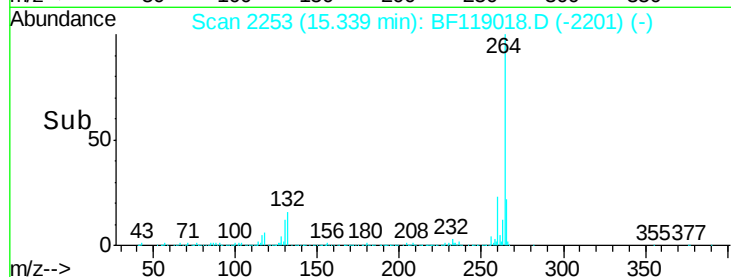
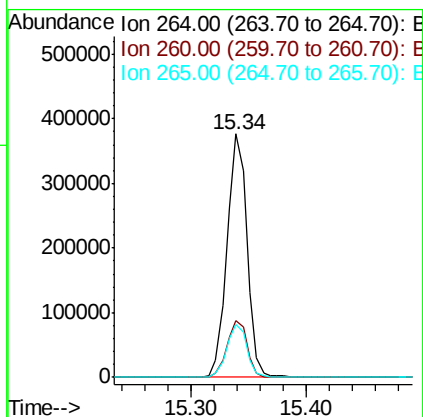
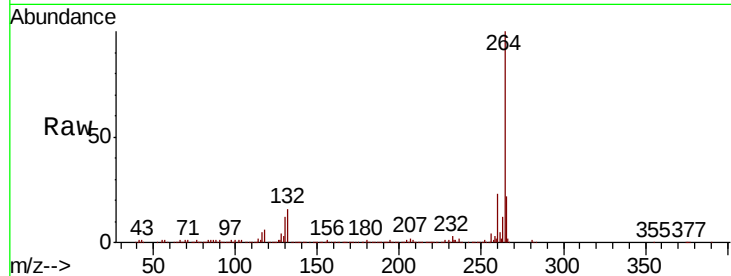
ClientSampleId :

BU-03-021820MSD

Tot Ion:	264	Resp:	452764
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.8	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 51.580 ng

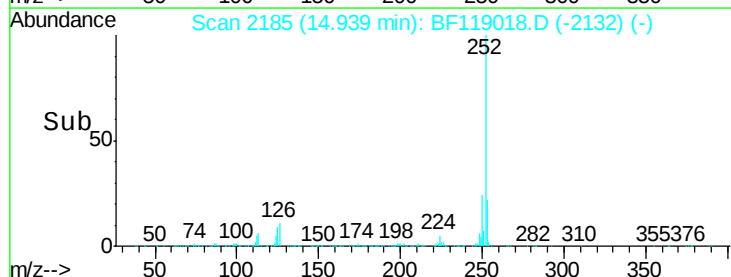
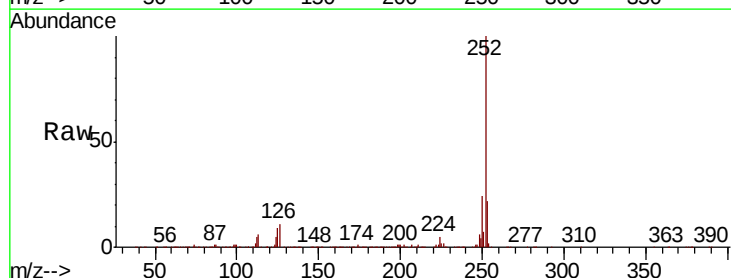
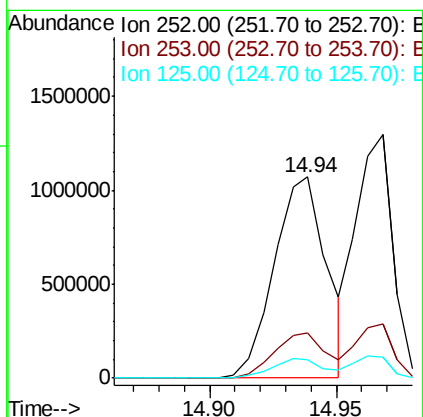
RT: 14.94 min Scan# 2185

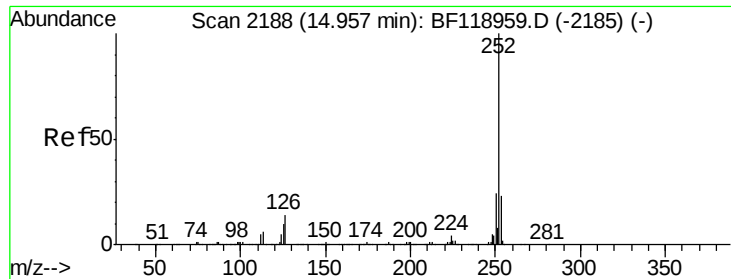
Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:	252	Resp:	1539329
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	8.8	7.4	11.0





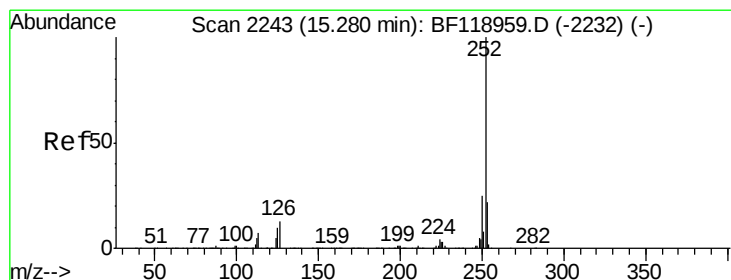
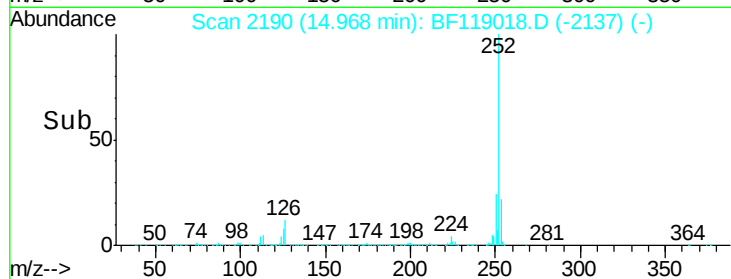
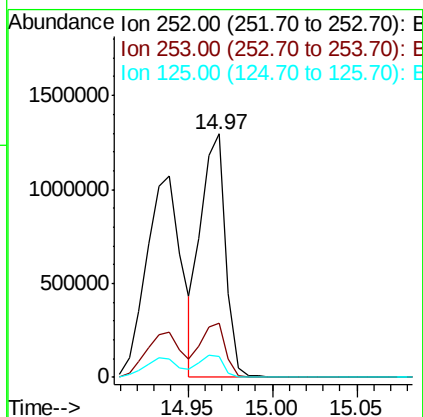
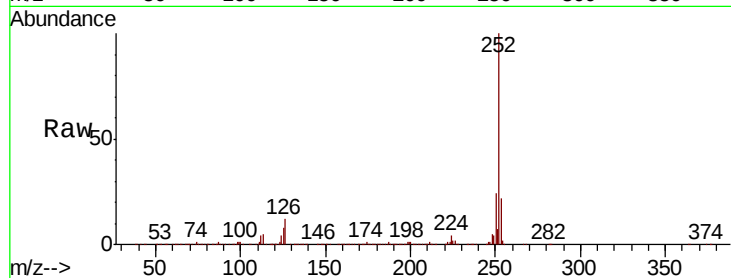
#89
Benzo(k)fluoranthene
Concen: 47.589 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.3	7.3	10.9

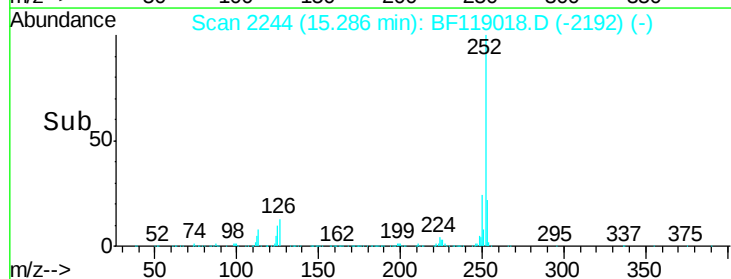
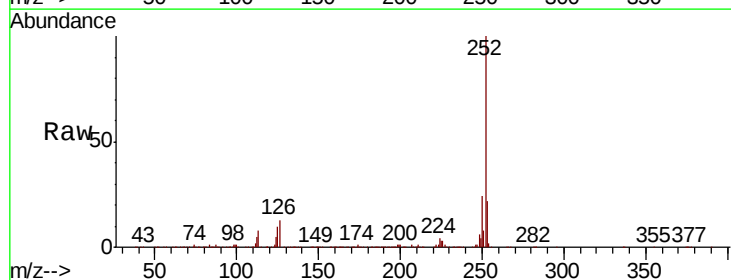
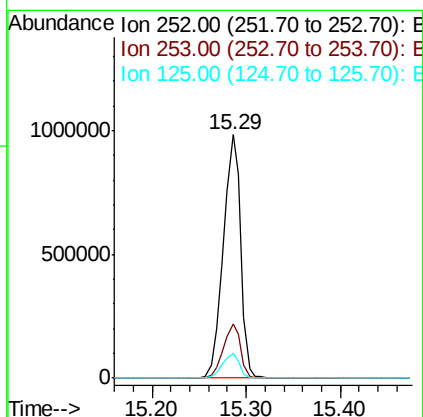
Manual Integrations
APPROVED

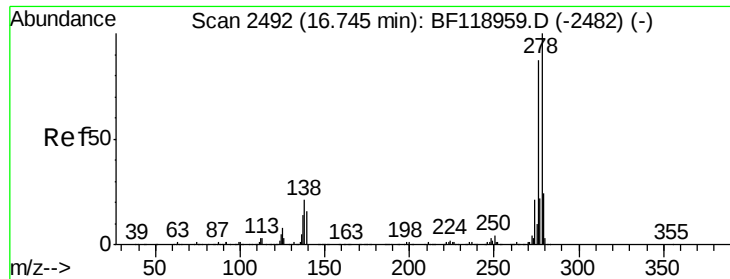
mohammad
2/25/2020 4:19:09 PM



#90
Benzo(a)pyrene
Concen: 46.953 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.3	7.8	11.6





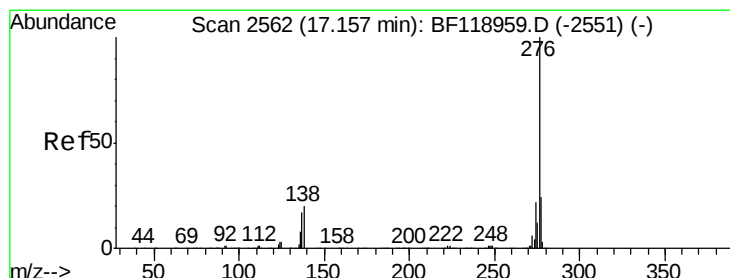
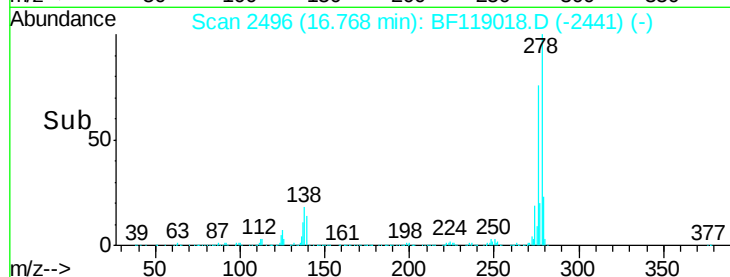
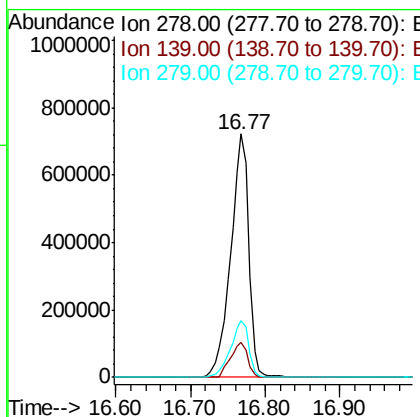
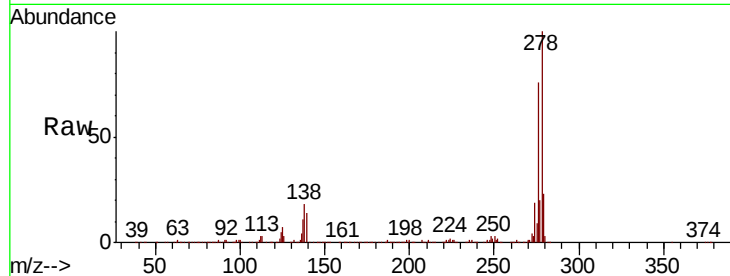
#91
Dibenzo(a,h)anthracene
Concen: 51.507 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.02 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.5	19.0	28.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 53.366 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.03 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	18.9	16.2	24.4

