

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119017.D
 Acq On : 24 Feb 2020 11:57
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Manual Integrations
 APPROVED

mohammad
 2/25/2020 4:19:06 PM

Quant Time: Feb 25 00:38:17 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	182344	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	696122	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	381997	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	694990	20.00	ng	0.00
76) Chrysene-d12	13.92	240	463376	20.00	ng	0.00
87) Perylene-d12	15.34	264	426429	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1294897	118.68	ng	0.02
7) Phenol-d6	6.41	99	1483813	111.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	1157664	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	626953	125.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2287653	88.22	ng	0.00
79) Terphenyl-d14	12.86	244	2531253	94.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	189267	38.960	ng	# 88
3) Pyridine	3.36	79	334303	25.198	ng	99
4) n-Nitrosodimethylamine	3.28	42	189859	47.240	ng	94
6) Aniline	6.42	93	288490	17.619	ng	# 1
8) 2-Chlorophenol	6.55	128	596391	50.648	ng	100
9) Benzaldehyde	6.30	77	219536	24.762	ng	98
10) Phenol	6.42	94	584609	40.747	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	550725	50.168	ng	99
12) 1,3-Dichlorobenzene	6.70	146	597455	42.333	ng	98
13) 1,4-Dichlorobenzene	6.77	146	602865	42.687	ng	99
14) 1,2-Dichlorobenzene	6.93	146	552300	42.880	ng	99
15) Benzyl Alcohol	6.90	79	490664	51.161	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	437252	45.981	ng	60
17) 2-Methylphenol	7.03	107	457563	47.928	ng	# 92
18) Hexachloroethane	7.27	117	214646	42.481	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	388164	50.200	ng	99
20) 3+4-Methylphenols	7.18	107	556997	47.622	ng	# 71
22) Acetophenone	7.17	105	783391	48.638	ng	96
24) Nitrobenzene	7.34	77	603129	46.260	ng	97
25) Isophorone	7.59	82	1102403	48.146	ng	99
26) 2-Nitrophenol	7.66	139	332687	48.159	ng	94
27) 2,4-Dimethylphenol	7.70	122	496027	52.907	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	672076	45.095	ng	99
29) 2,4-Dichlorophenol	7.90	162	514401	46.606	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	565182	43.190	ng	99
31) Naphthalene	8.06	128	1635504	45.302	ng	99
32) Benzoic acid	7.85	122	272099	40.920	ng	98
33) 4-Chloroaniline	8.11	127	201399	12.970	ng	98
34) Hexachlorobutadiene	8.18	225	334695	41.060	ng	98
35) Caprolactam	8.50	113	119983m	35.305	ng	
36) 4-Chloro-3-methylphenol	8.61	107	534087	47.814	ng	96
37) 2-Methylnaphthalene	8.75	142	1164360	47.925	ng	99
38) 1-Methylnaphthalene	8.85	142	1085421	47.504	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	572270	44.433	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	372780	79.574	nq	96
43) 2,4,6-Trichlorophenol	9.04	196	377745	46.445	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	397354	46.558	nq	96
46) 1,1'-Biphenyl	9.22	154	1392744	45.112	nq	99
47) 2-Chloronaphthalene	9.24	162	1112029	44.697	nq	98
48) 2-Nitroaniline	9.34	65	310723	44.778	nq	99
49) Acenaphthylene	9.66	152	1696747	47.220	nq	100
50) Dimethylphthalate	9.52	163	1426098	48.821	nq	100
51) 2,6-Dinitrotoluene	9.59	165	308514	47.539	nq	89
52) Acenaphthene	9.83	154	998284	46.074	nq	99
53) 3-Nitroaniline	9.75	138	141370	19.649	nq	97
54) 2,4-Dinitrophenol	9.87	184	286743	89.890	nq	# 90
55) Dibenzofuran	10.00	168	1492450	46.149	nq	97
56) 4-Nitrophenol	9.93	139	358678	82.976	nq	95
57) 2,4-Dinitrotoluene	9.99	165	381958	45.407	nq	# 87
58) Fluorene	10.35	166	1172478	46.657	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	334251	46.414	nq	99
60) Diethylphthalate	10.22	149	1266028	45.991	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	608527	45.748	nq	98
62) 4-Nitroaniline	10.37	138	294447	40.001	nq	99
63) Azobenzene	10.49	77	1120369	46.824	nq	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	221295	52.621	nq	98
66) n-Nitrosodiphenylamine	10.45	169	1076076	47.286	nq	98
67) 4-Bromophenyl-phenylether	10.82	248	415665	45.756	nq	97
68) Hexachlorobenzene	10.90	284	467855	44.669	nq	96
69) Atrazine	10.99	200	372095	46.799	nq	99
70) Pentachlorophenol	11.09	266	427994	101.442	nq	99
71) Phenanthrene	11.30	178	1733837	45.746	nq	99
72) Anthracene	11.36	178	1760719	46.494	nq	99
73) Carbazole	11.51	167	1546867	45.850	nq	99
74) Di-n-butylphthalate	11.84	149	1865053	45.649	nq	99
75) Fluoranthene	12.49	202	1808461	44.952	nq	99
77) Benzidine	12.60	184	280746	14.898	nq	98
78) Pyrene	12.72	202	1789633	48.097	nq	100
80) Butylbenzylphthalate	13.33	149	756843	48.330	nq	94
81) Benzo(a)anthracene	13.90	228	1489225	47.168	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	278332	22.703	nq	99
83) Chrysene	13.94	228	1435670	45.635	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	976315	49.348	nq	99
85) Di-n-octyl phthalate	14.50	149	1538263	48.799	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1322453	43.414	nq	99
88) Benzo(b)fluoranthene	14.94	252	1455520	51.783	nq	99
89) Benzo(k)fluoranthene	14.96	252	1212991	46.567	nq	99
90) Benzo(a)pyrene	15.29	252	1172421	46.216	nq	99
91) Dibenzo(a,h)anthracene	16.77	278	1108173	49.647	nq	98
92) Benzo(g,h,i)perylene	17.19	276	1135531	51.488	nq	97

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

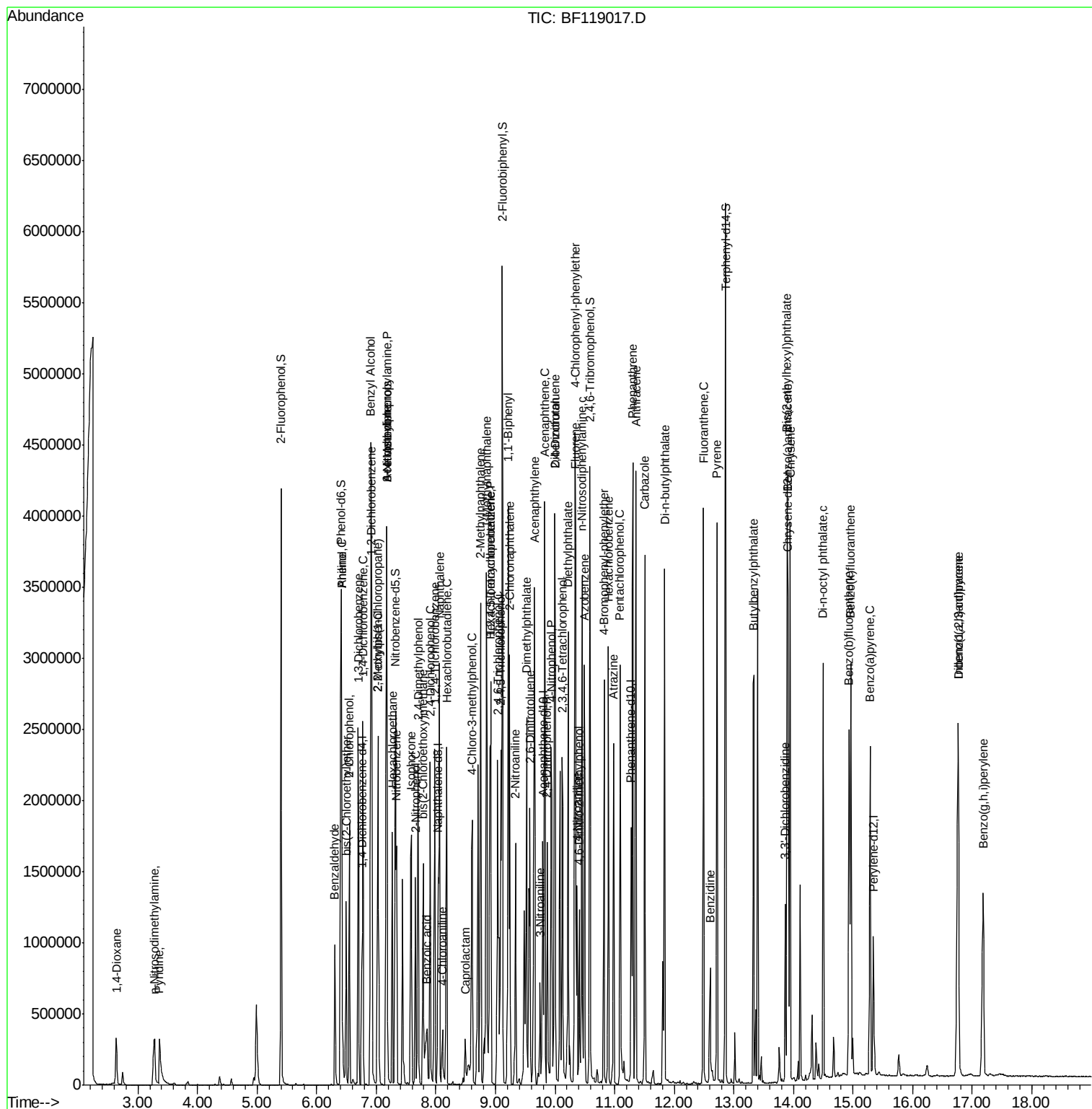
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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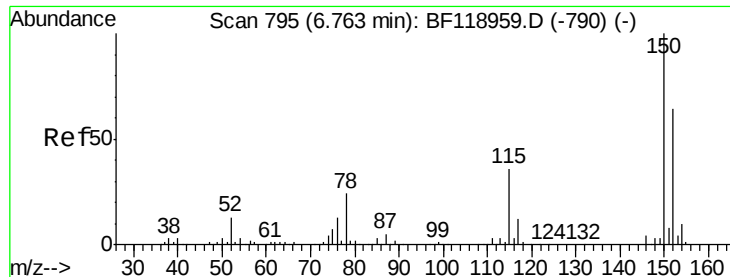
Instrument :
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#1

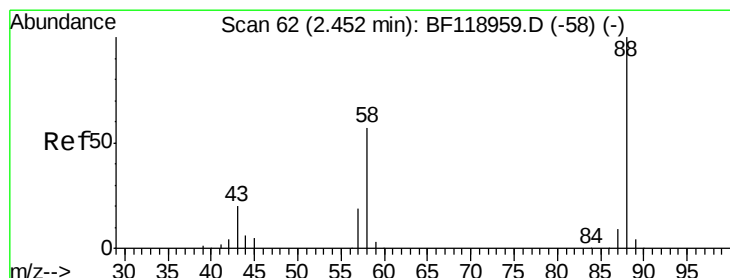
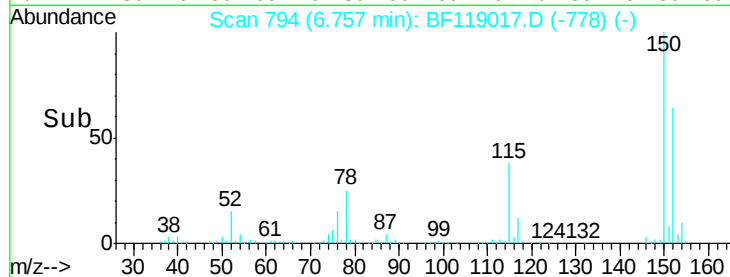
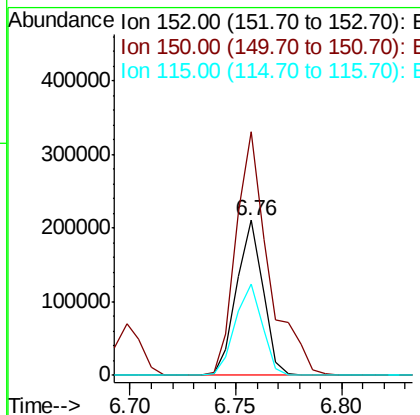
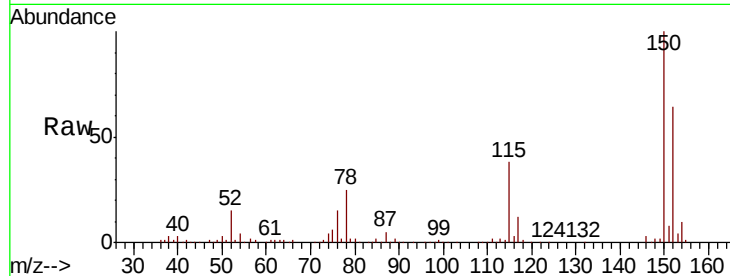
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	59.1	44.6	67.0

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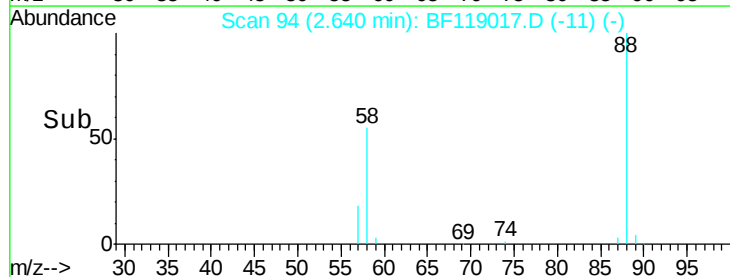
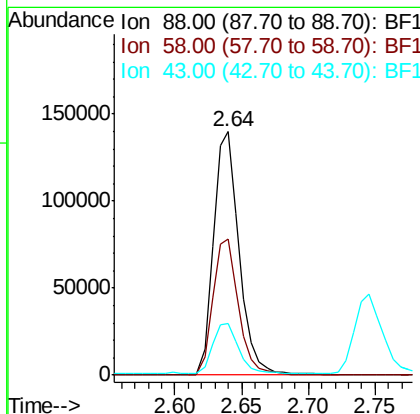
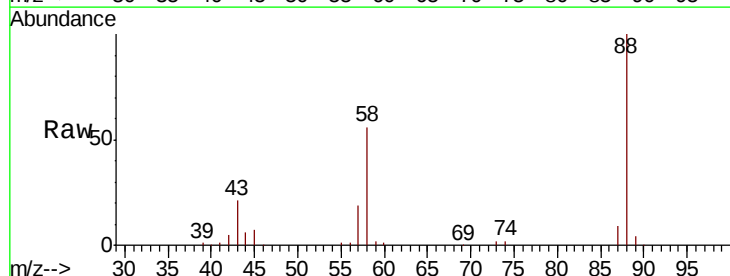
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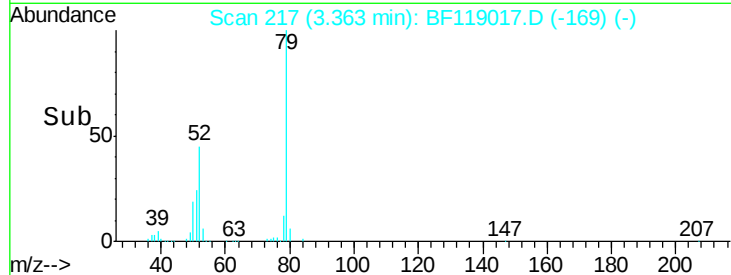
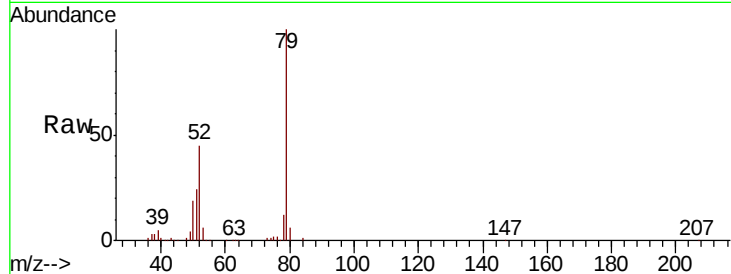


#2

1,4-Dioxane
Concen: 38.960 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.19 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	44.6	66.8
43	0.0	16.0	24.0





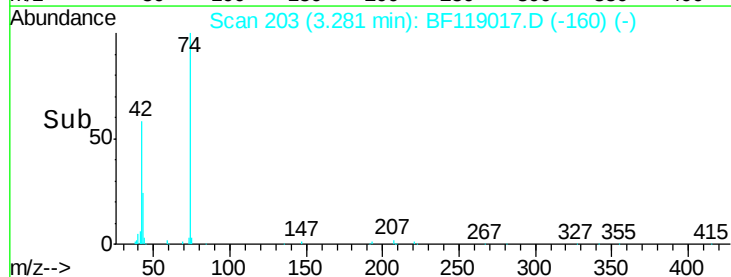
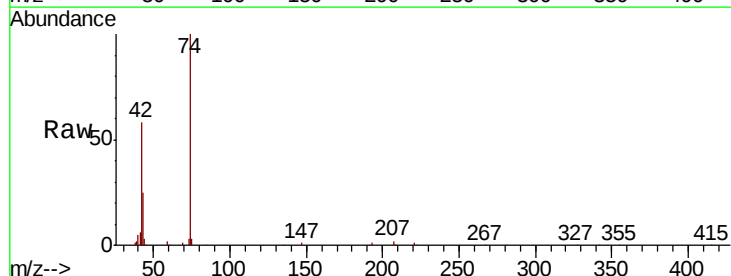
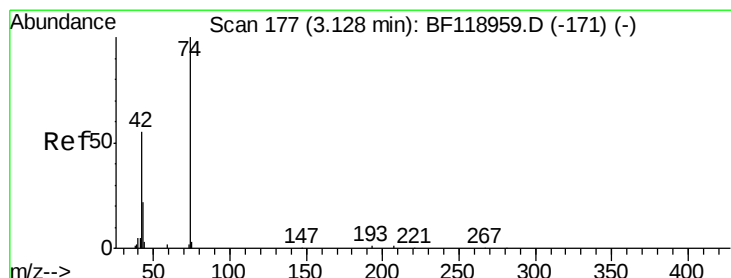
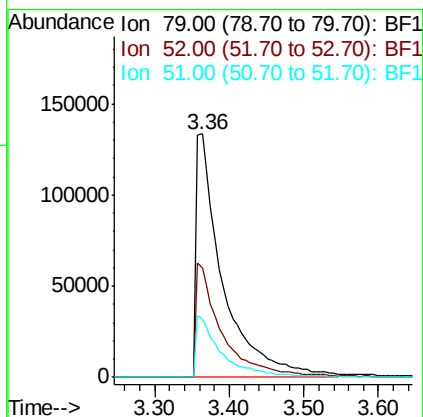
#3
Pvridine
Concen: 25.198 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.18 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.6	36.3	54.5
51	23.7	19.5	29.3

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

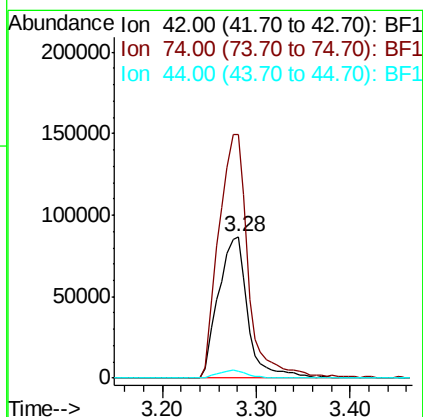
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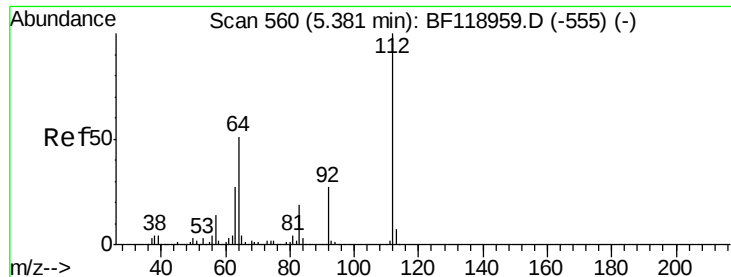
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#4
n-Nitrosodimethylamine
Concen: 47.240 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.15 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.0	144.4	216.6
44	5.2	4.5	6.7





#5

2-Fluorophenol

Concen: 118.677 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:112 Resp: 1294897

Ion Ratio Lower Upper

112 100

64 55.2 40.4 60.6

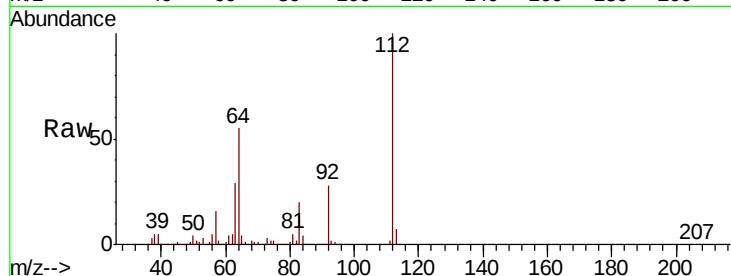
63 29.1 21.3 31.9

Manual Integrations

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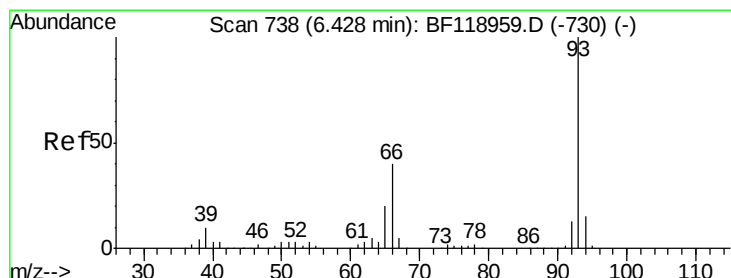
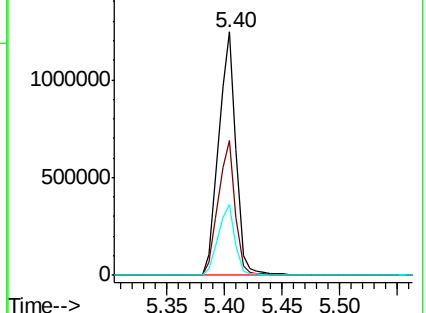
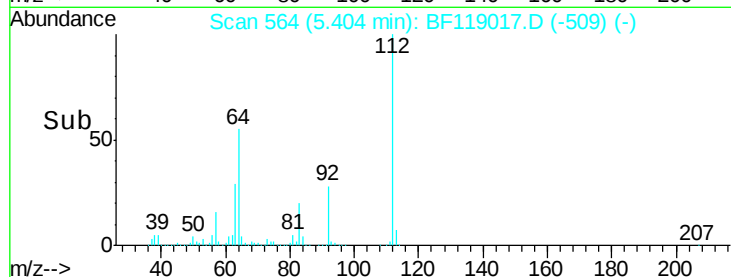
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.619 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

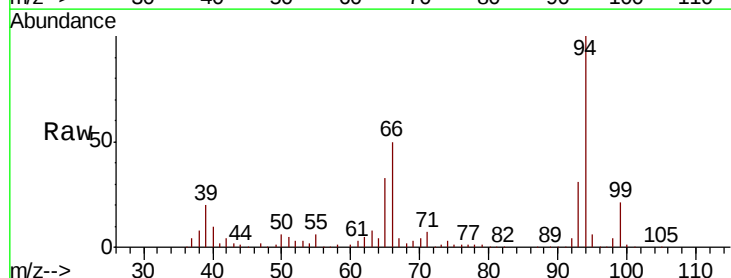
Tgt Ion: 93 Resp: 288490

Ion Ratio Lower Upper

93 100

66 161.7 32.2 48.2#

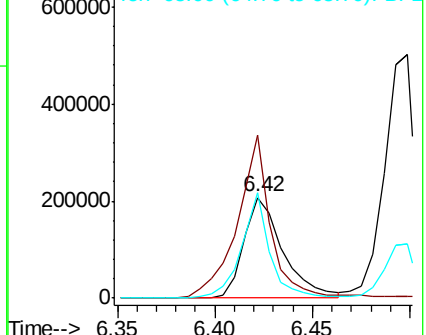
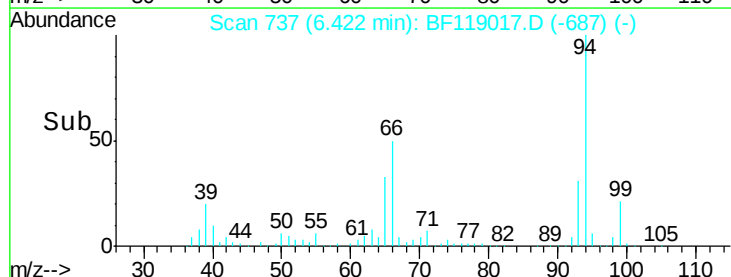
65 104.1 16.1 24.1#

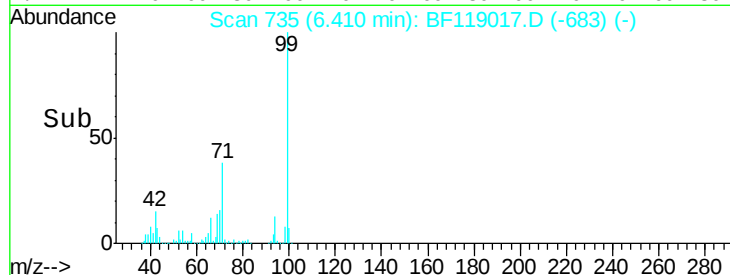
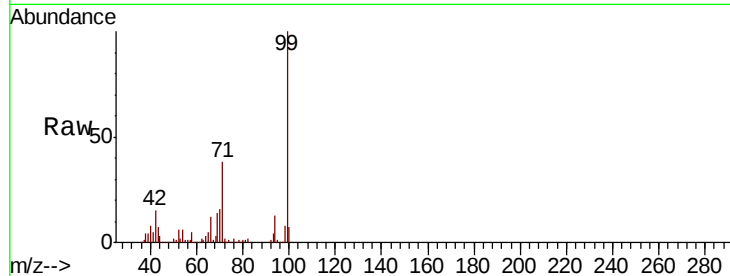
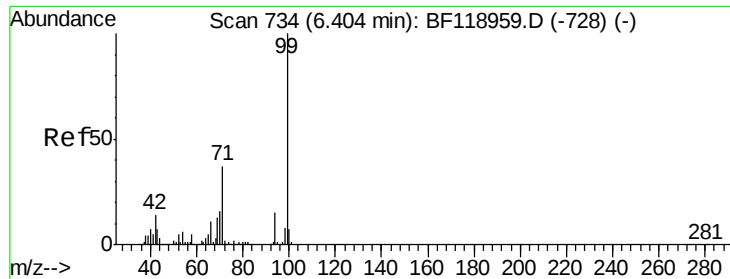


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.818 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tot Ion: 99 Resp: 1483813

Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

71 38.4 29.8 44.6

Instrument :

BNA_F

ClientSampled :

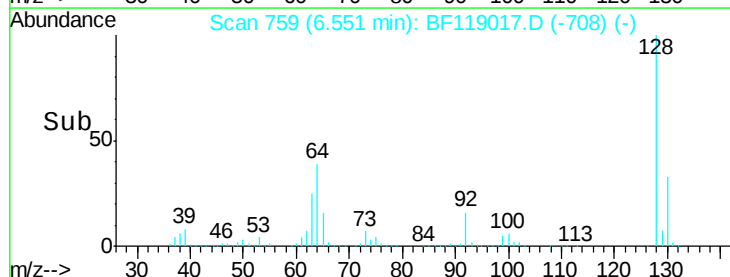
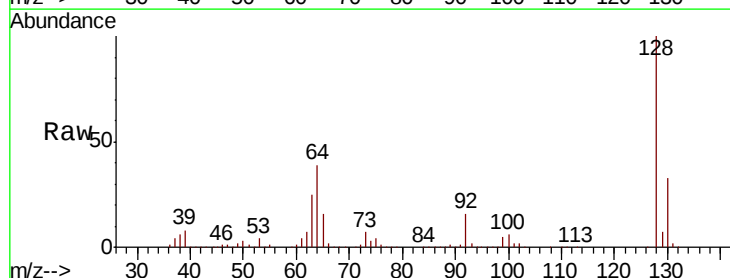
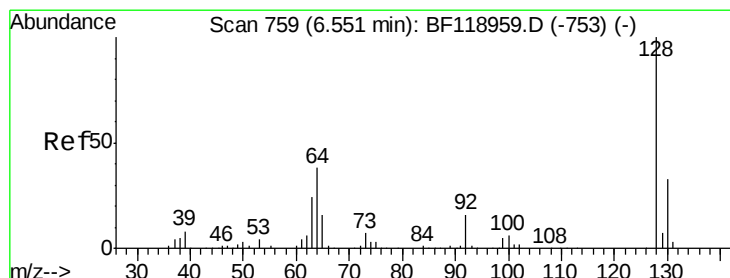
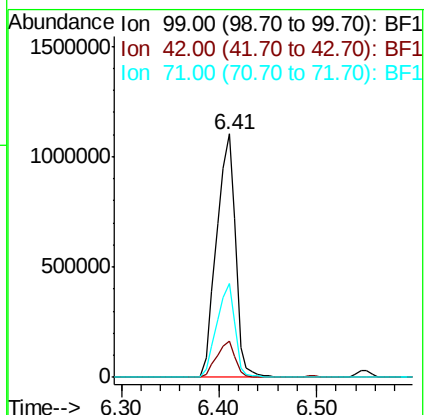
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Manual Integrations

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#8

2-Chlorophenol

Concen: 50.648 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

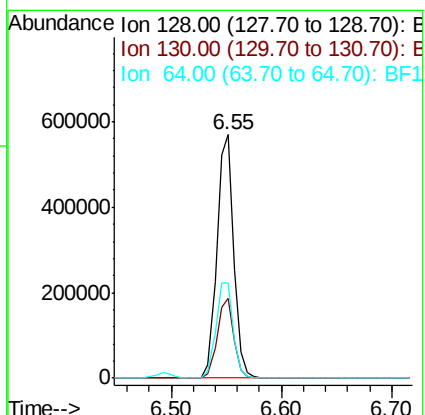
Tgt Ion:128 Resp: 596391

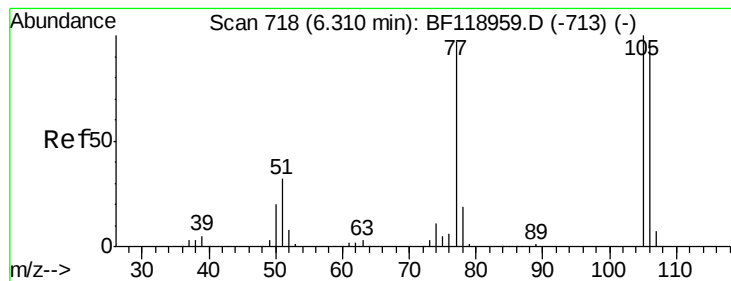
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 39.0 18.7 58.7





#9

Benzaldehyde

Concen: 24.762 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119017.D

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Instrument :

BNA_F

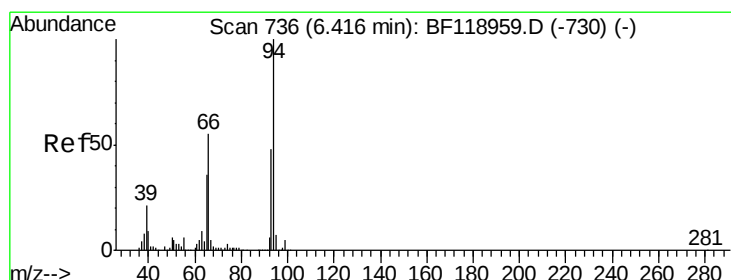
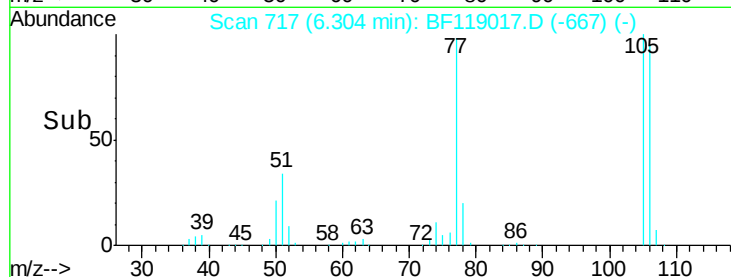
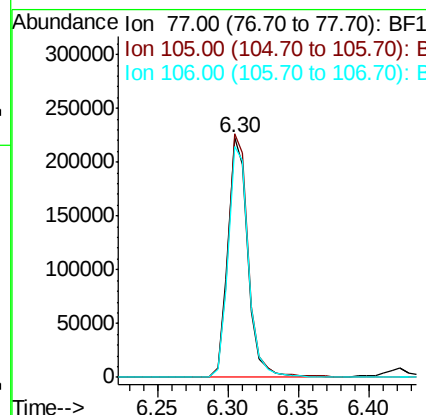
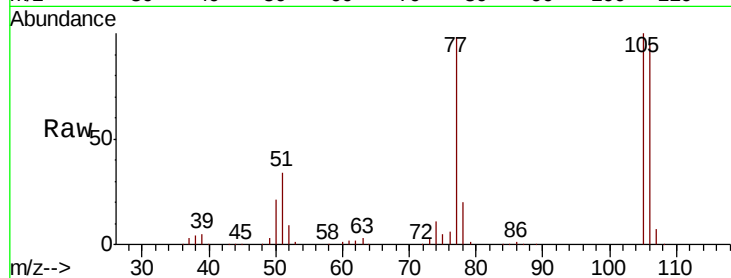
ClientSampleId :

BU-03-021820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	83.0	123.0		
106	96.3	78.3	118.3		

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#10

Phenol

Concen: 40.747 ng

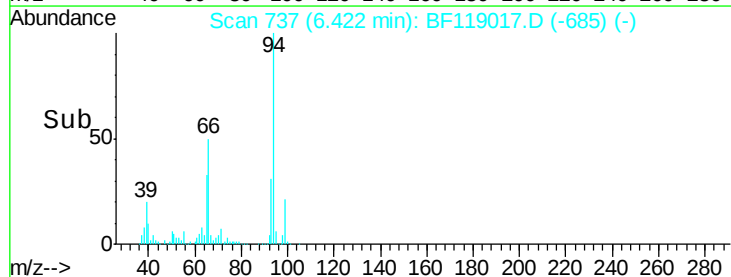
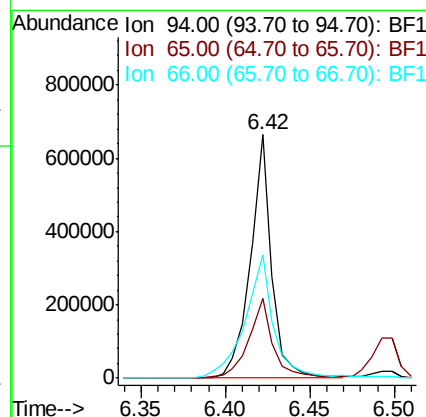
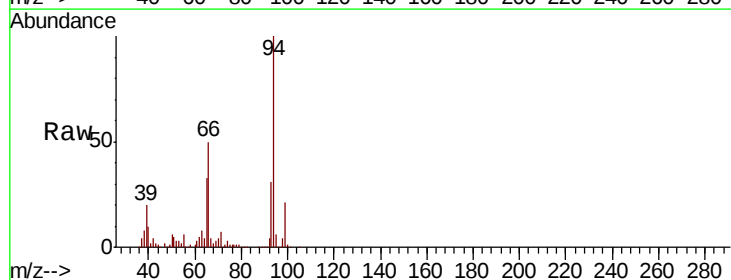
RT: 6.42 min Scan# 737

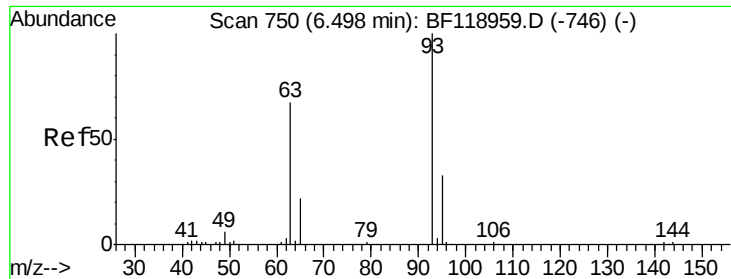
Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.5	15.5	55.5		
66	50.5	35.6	75.6		





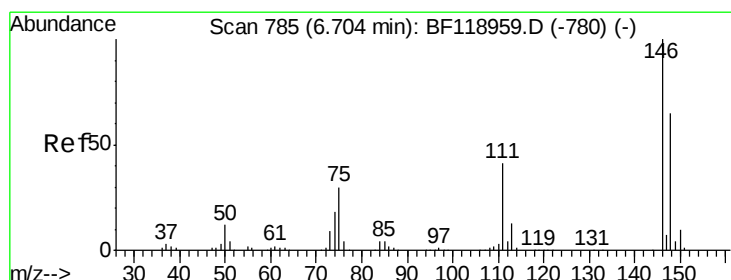
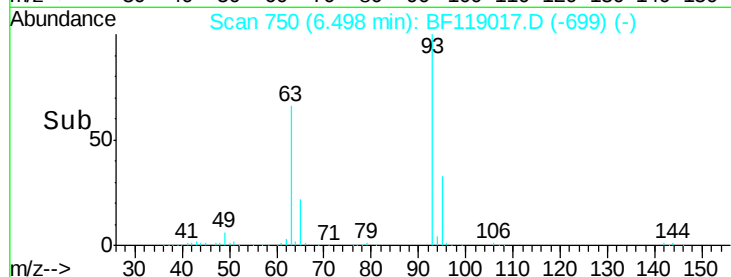
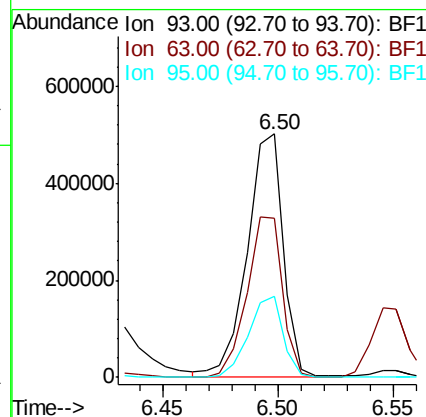
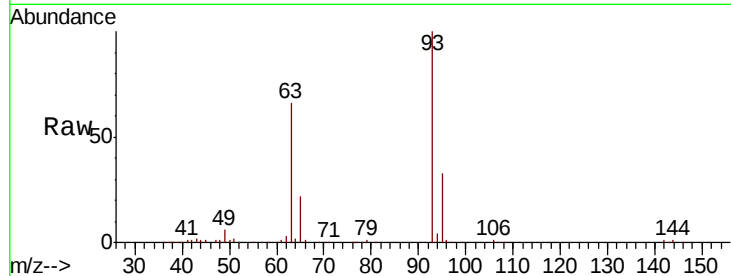
#11
bis(2-Chloroethyl)ether
Concen: 50.168 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	93	Resp	550725
Ion Ratio	Lower	Upper	
93	100		
63	65.5	46.8	86.8
95	33.3	12.7	52.7

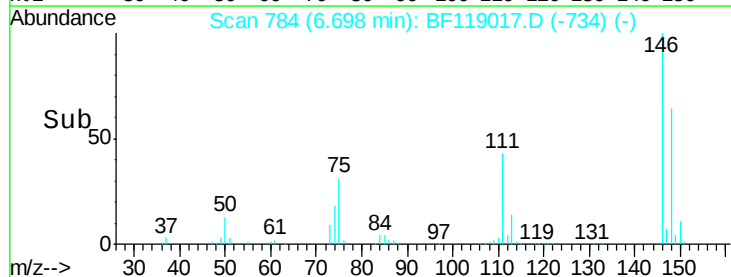
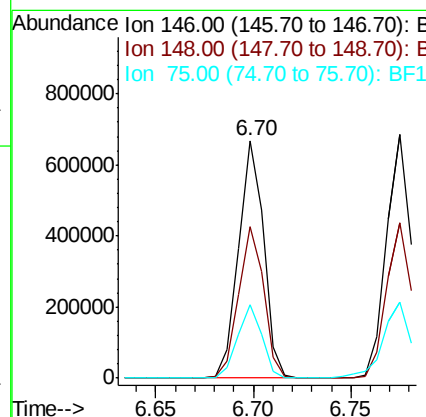
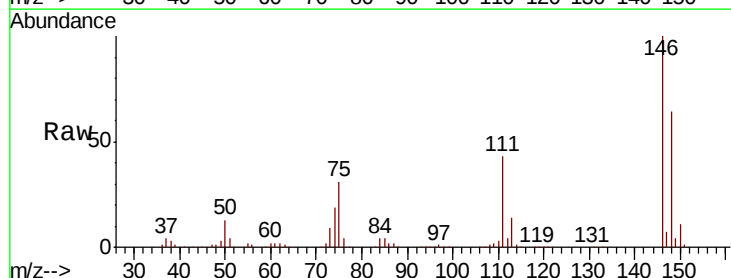
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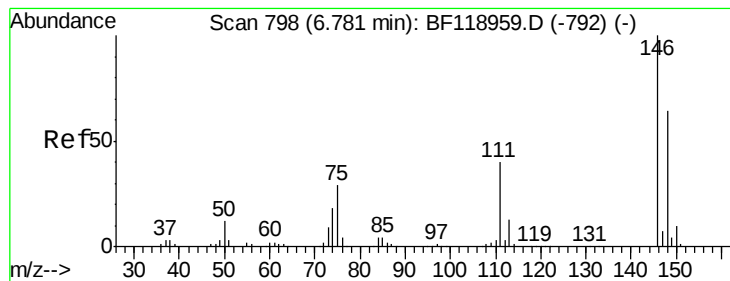
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#12
1,3-Dichlorobenzene
Concen: 42.333 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	146	Resp	597455
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.7	77.5
75	31.1	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 42.687 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

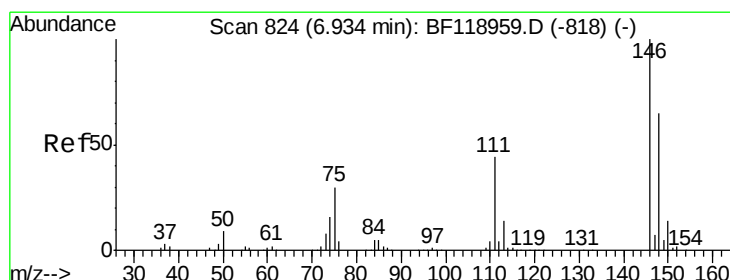
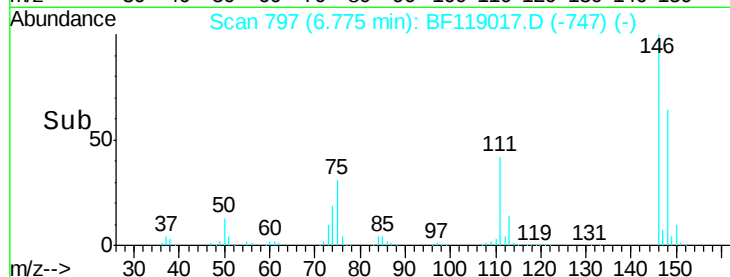
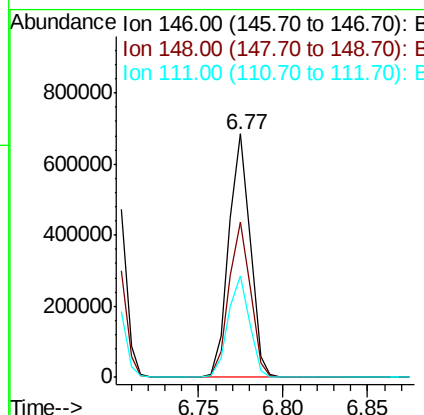
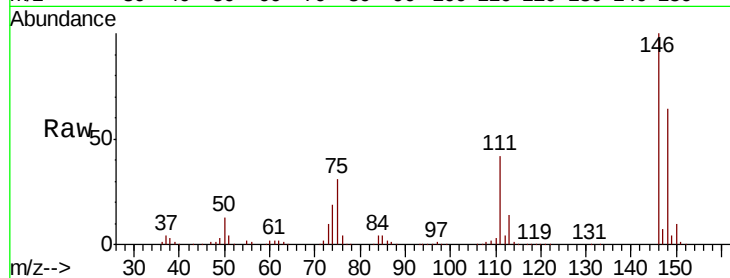
ClientSampleId :

BU-03-021820MS

Tot Ion:	146	Resp:	602865
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	41.5	31.9	47.9

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#14

1,2-Dichlorobenzene

Concen: 42.880 ng

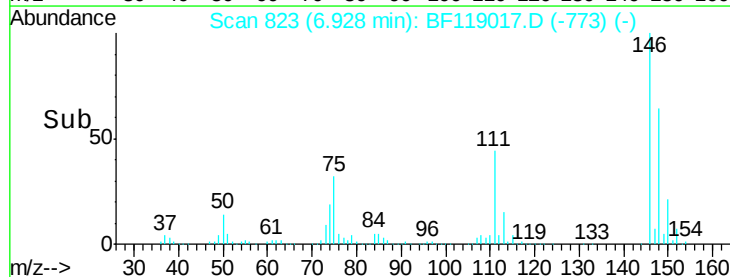
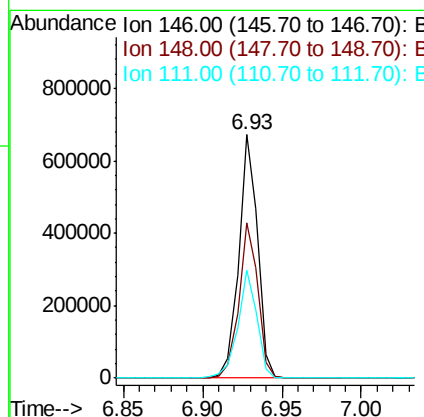
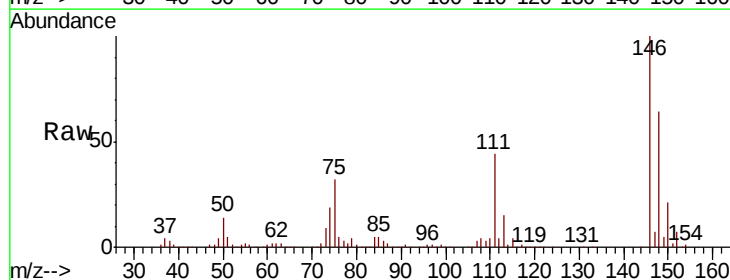
RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion:	146	Resp:	552300
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.1	78.1
111	44.4	35.5	53.3





#15

Benzyl Alcohol

Concen: 51.161 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

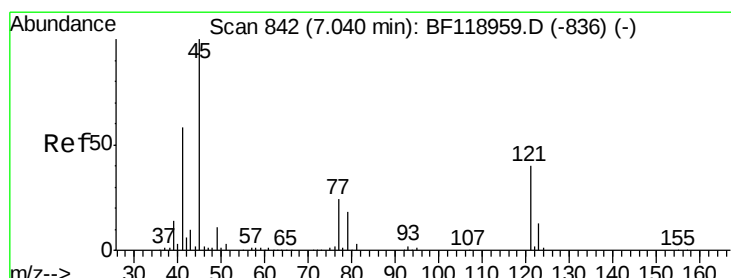
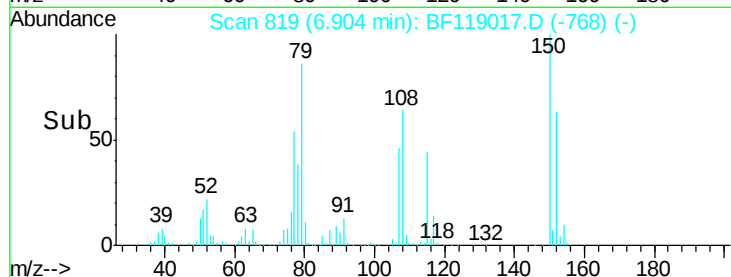
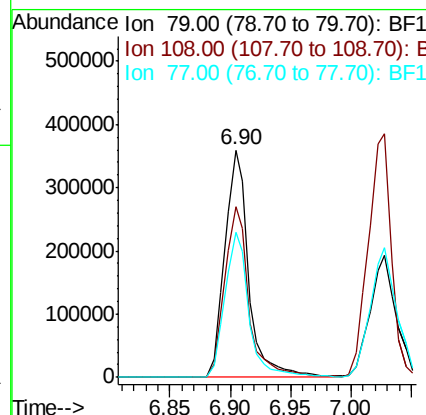
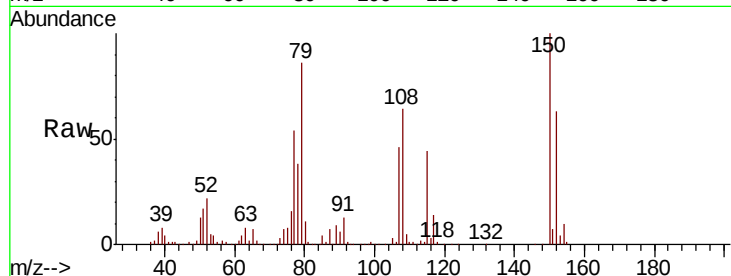
ClientSampleID :

BU-03-021820MS

Tot Ion:	79	Resp:	490664
Ion Ratio	Lower	Upper	
79	100		
108	75.1	61.1	91.7
77	63.7	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.981 ng

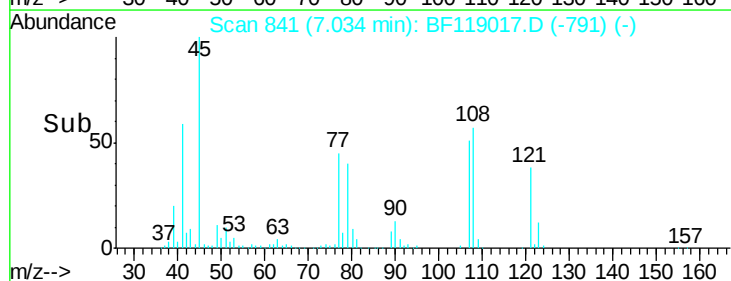
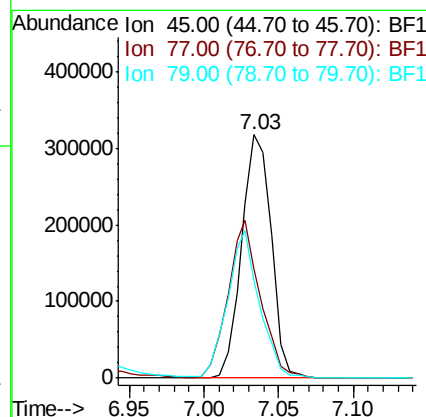
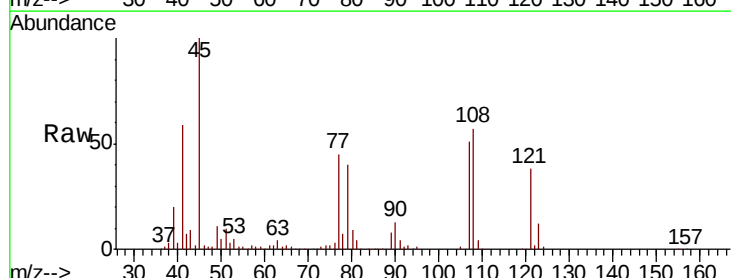
RT: 7.03 min Scan# 841

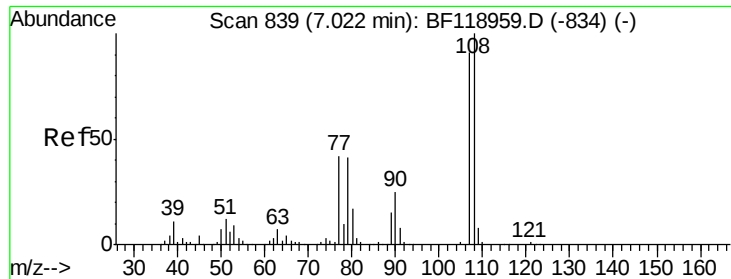
Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion:	45	Resp:	437252
Ion Ratio	Lower	Upper	
45	100		
77	45.1	6.1	46.1
79	40.3	0.5	40.5





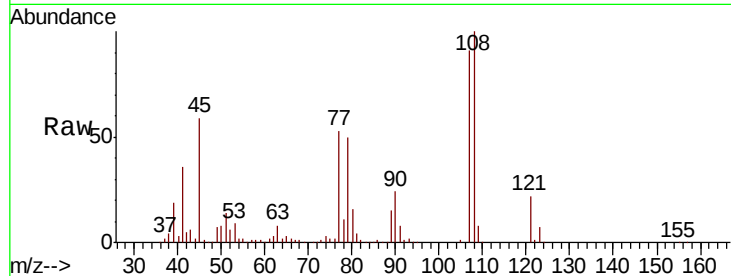
#17
2-Methylphenol
Concen: 47.928 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

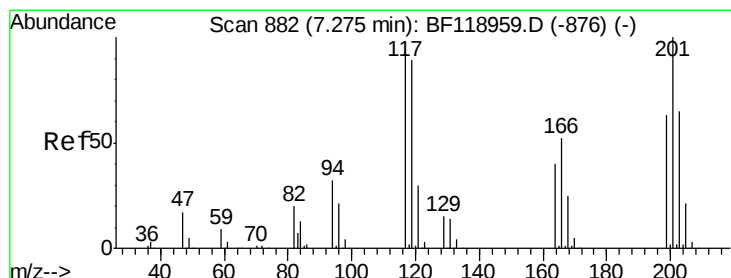
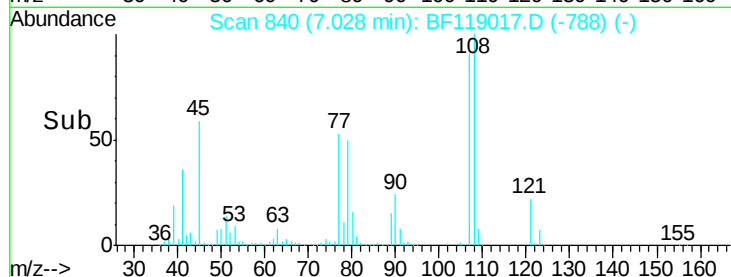
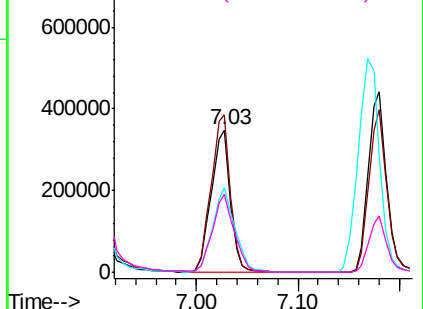
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.7	131.5	
77	58.9	36.8	55.2#	
79	55.1	36.4	54.6#	

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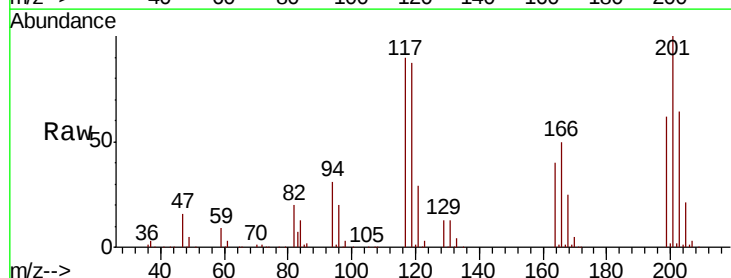


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

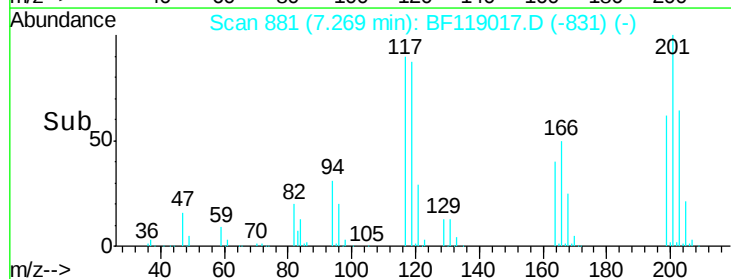
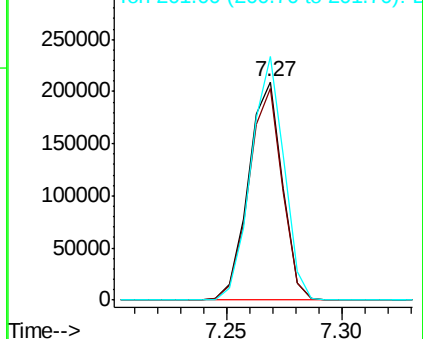


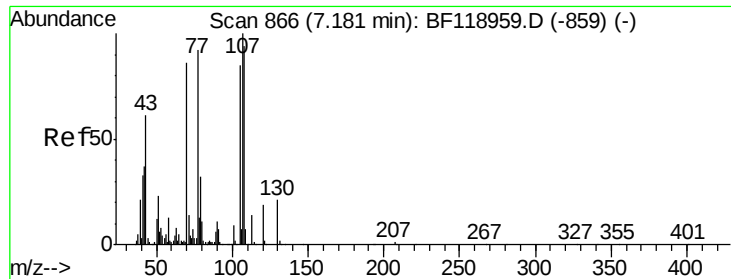
#18
Hexachloroethane
Concen: 42.481 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.0	115.6	
201	111.5	86.4	129.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





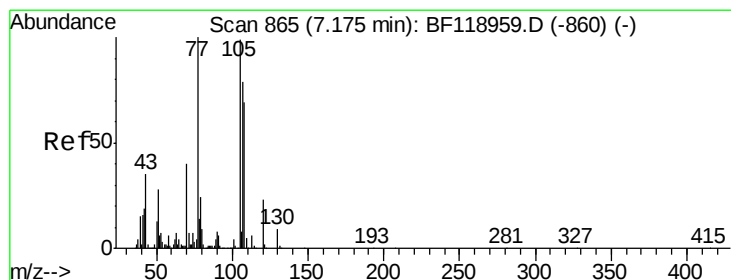
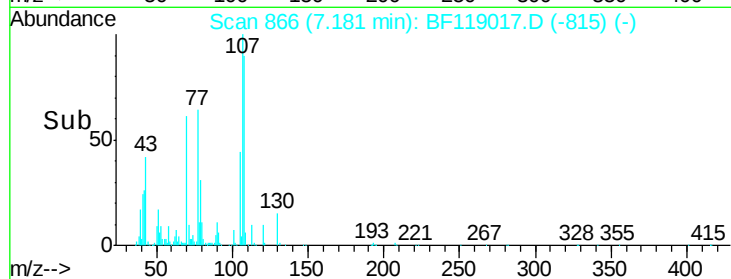
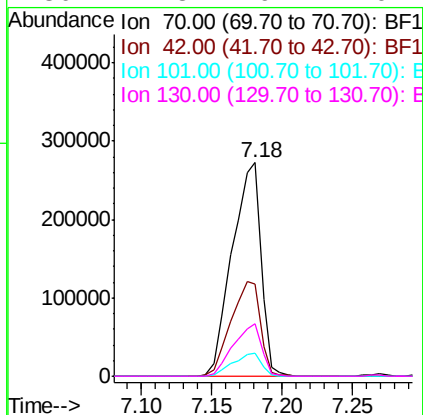
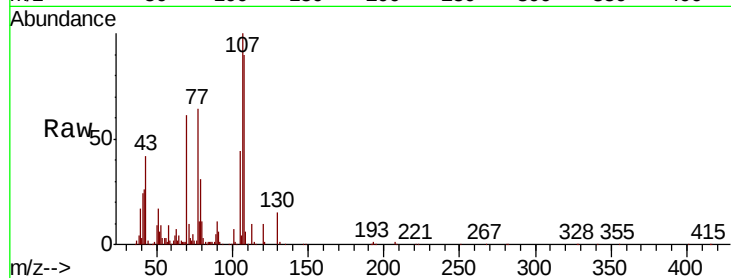
#19
n-Nitroso-di-n-propylamine
Concen: 50.200 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	34.6	51.8
101	10.6	8.1	12.1
130	24.8	19.4	29.2

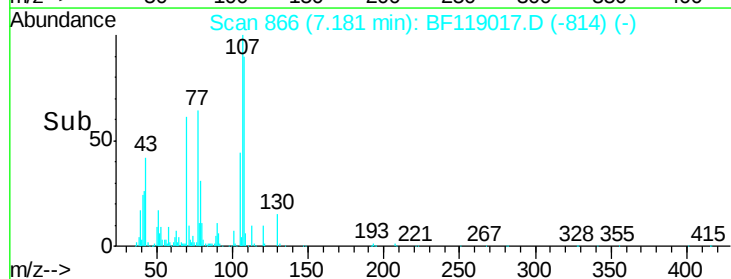
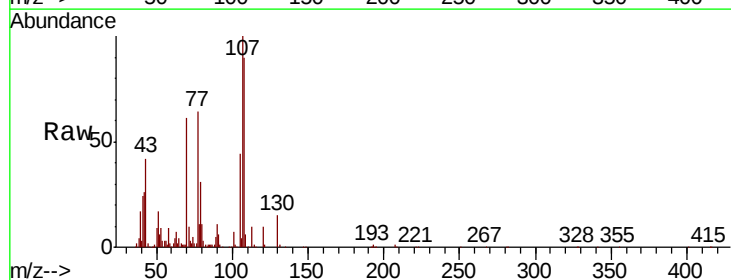
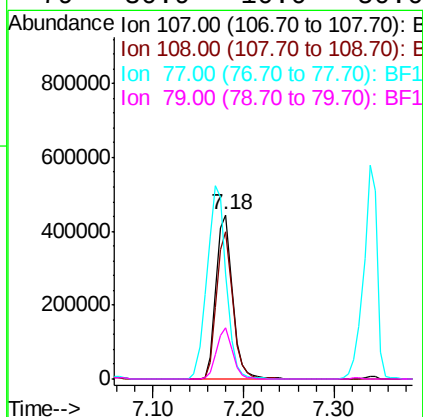
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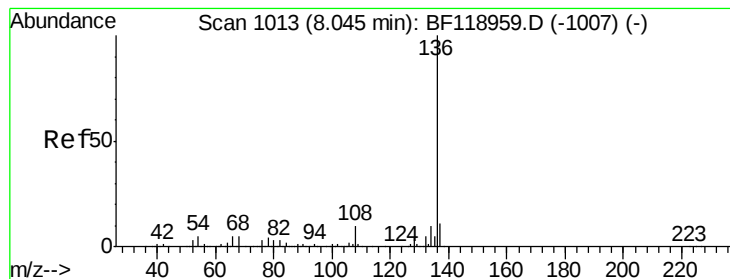
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#20
3+4-Methylphenols
Concen: 47.622 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.0	107.0
77	64.2	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: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

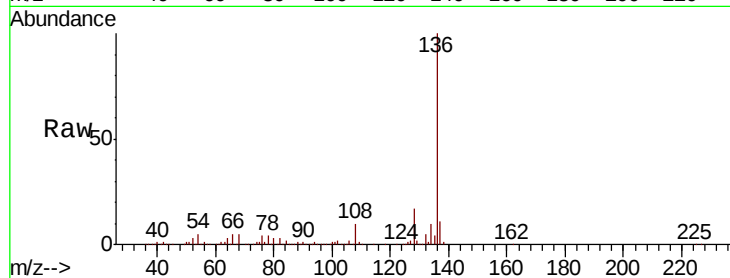
ClientSampleId :

BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696122		
137	10.9		8.9	13.3
54	4.9		3.8	5.6
68	5.2		4.2	6.2

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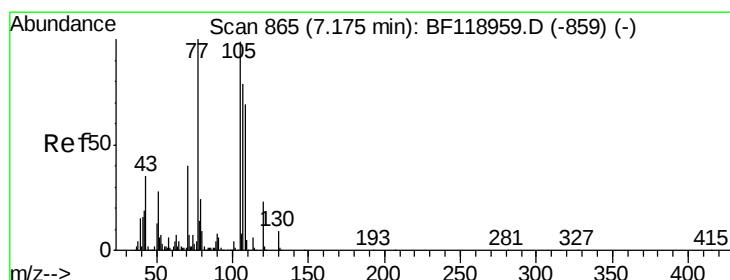
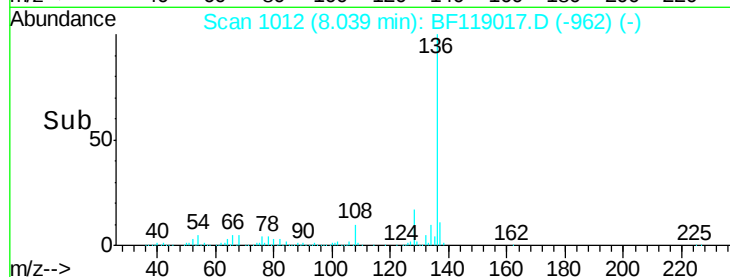
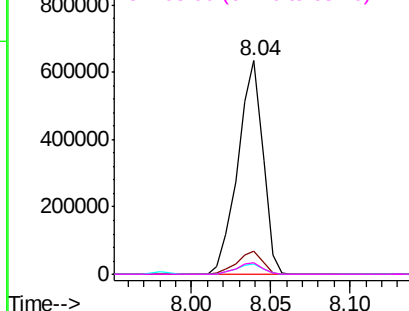
Abundance

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: 48.638 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	783391		
71	5.8		5.4	8.0
51	24.4		22.5	33.7
120	22.5		18.4	27.6

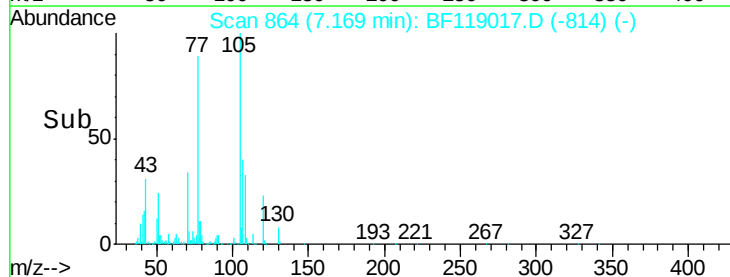
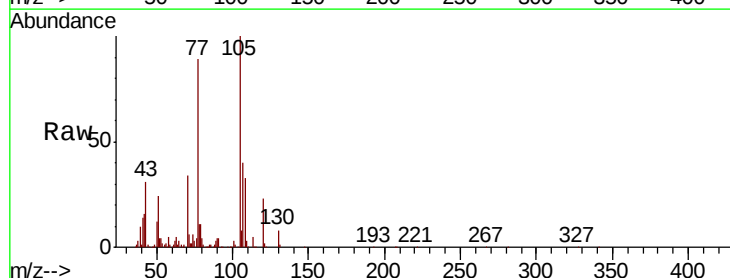
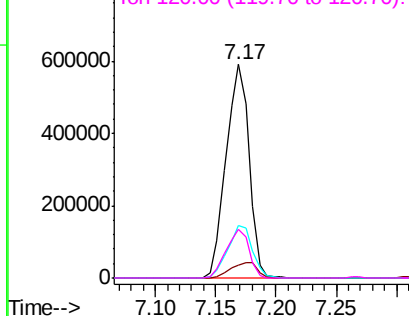
Abundance

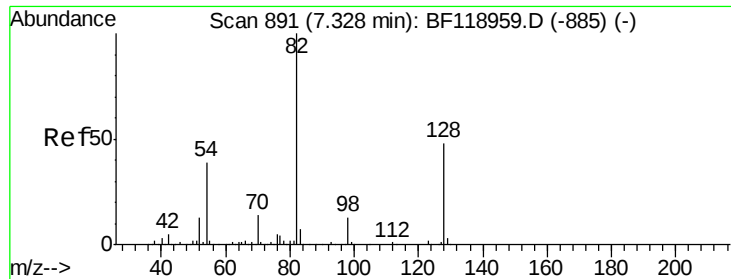
Ion 105.00 (104.70 to 105.70): E

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





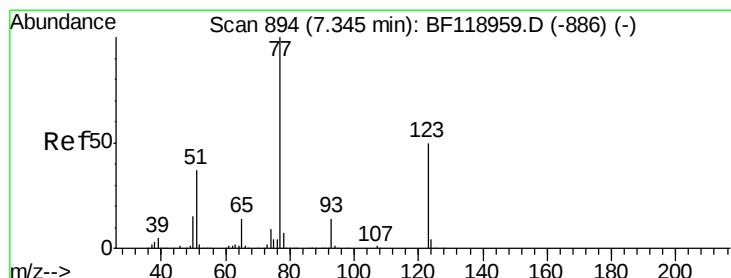
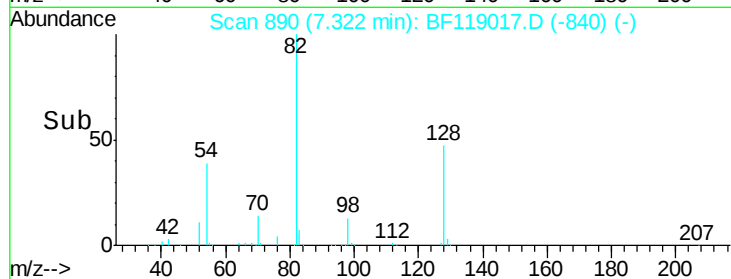
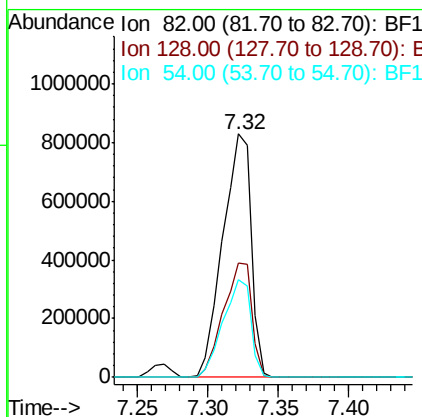
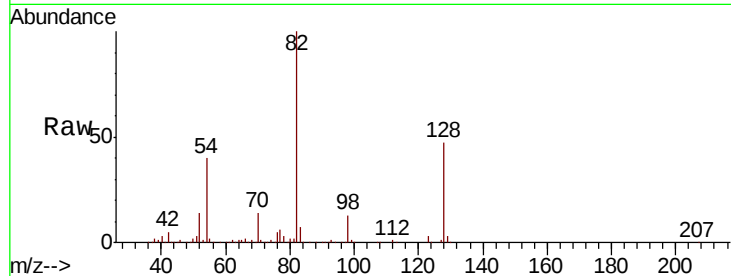
#23
 Nitrobenzene-d5
 Concen: 87.807 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.2	57.2
54	40.3	31.3	46.9

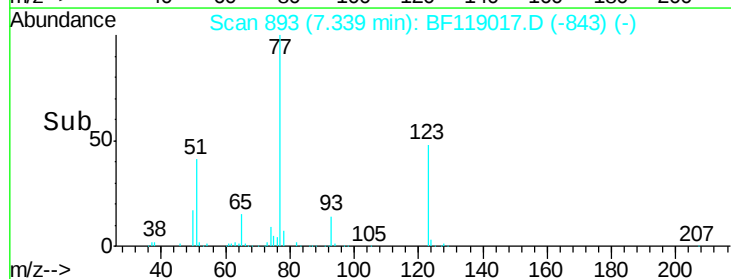
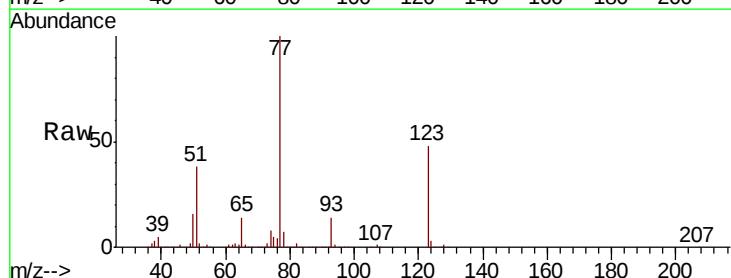
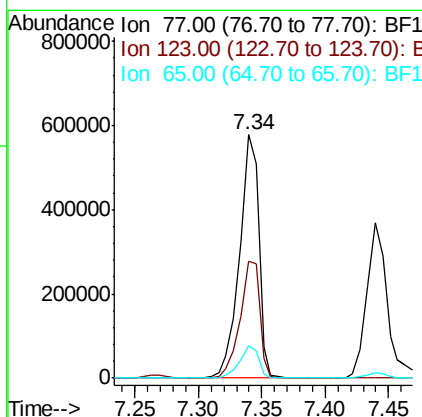
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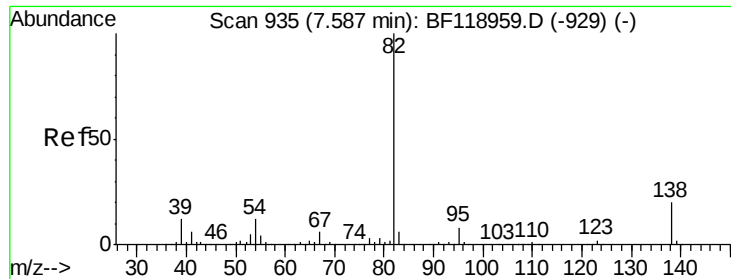
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#24
 Nitrobenzene
 Concen: 46.260 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	40.1	60.1
65	13.6	10.9	16.3





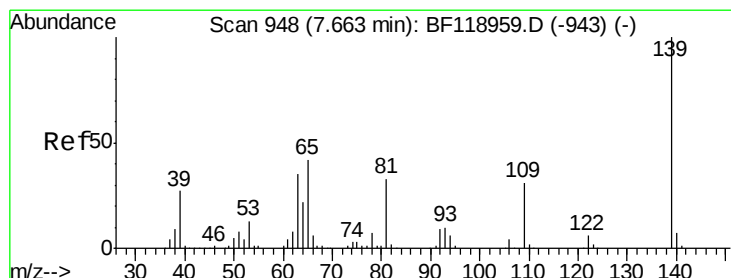
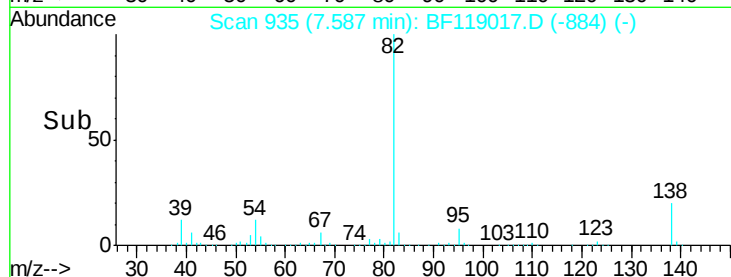
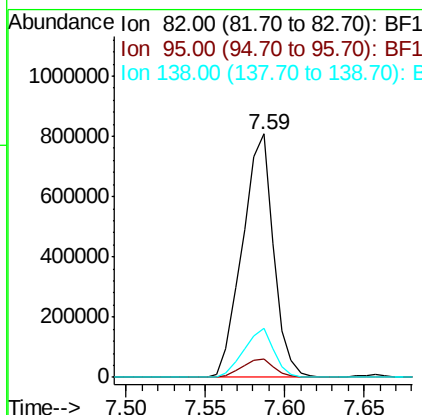
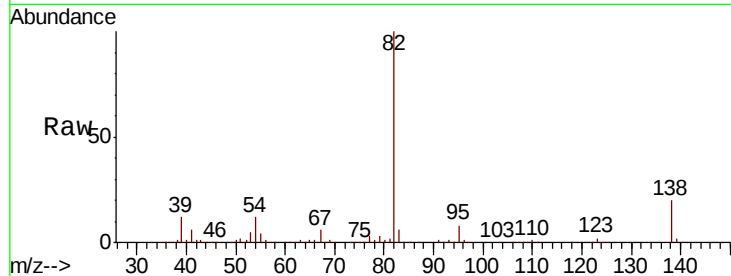
#25
Isophorone
Concen: 48.146 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion: 82 Resp: 1102403
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 20.0 15.8 23.6

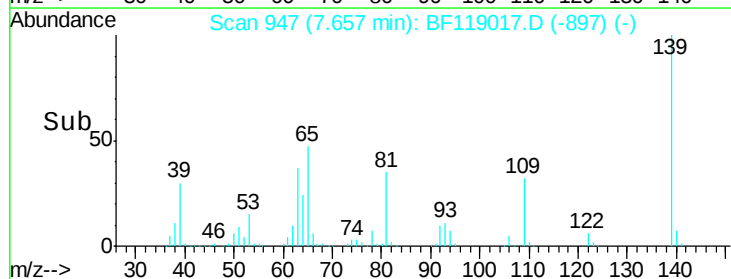
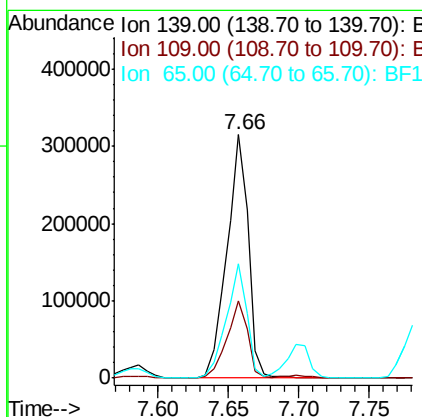
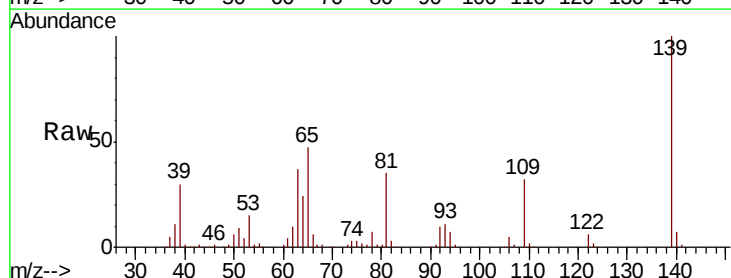
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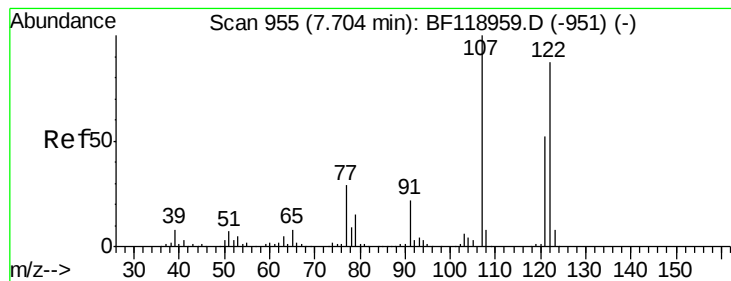
mohammad
2/25/2020 4:19:06 PM



#26
2-Nitrophenol
Concen: 48.159 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion: 139 Resp: 332687
Ion Ratio Lower Upper
139 100
109 31.9 24.6 36.8
65 47.2 33.6 50.4





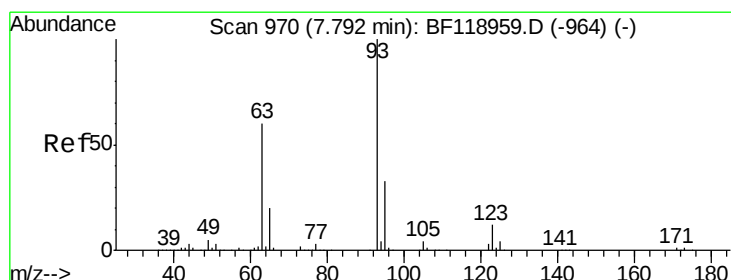
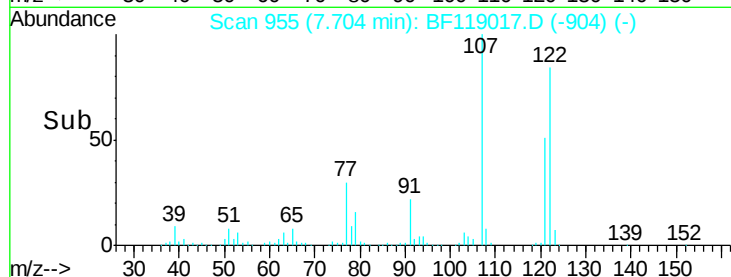
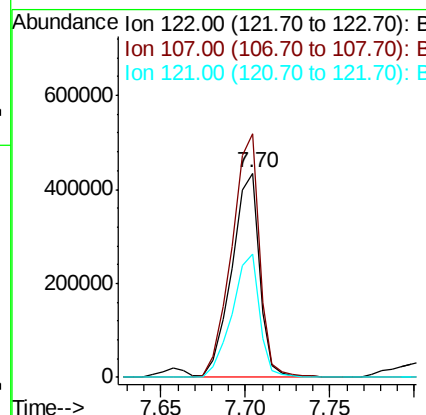
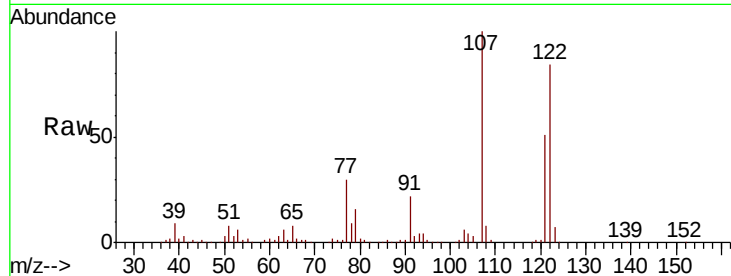
#27
2,4-Dimethylphenol
Concen: 52.907 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	91.8	137.8
121	60.2	47.4	71.0

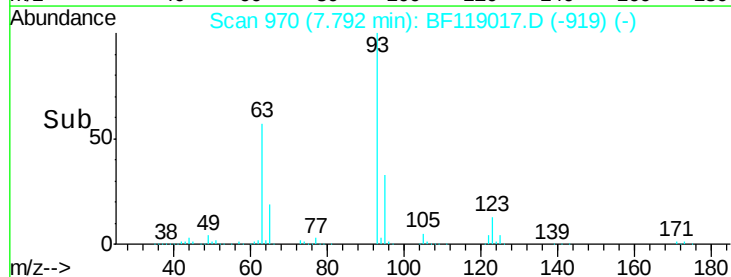
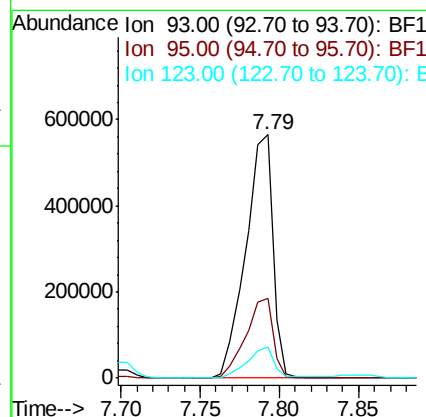
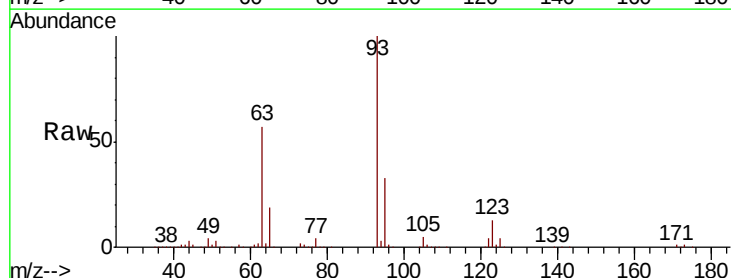
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#28
bis(2-Chloroethoxy)methane
Concen: 45.095 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.9	9.8	14.8





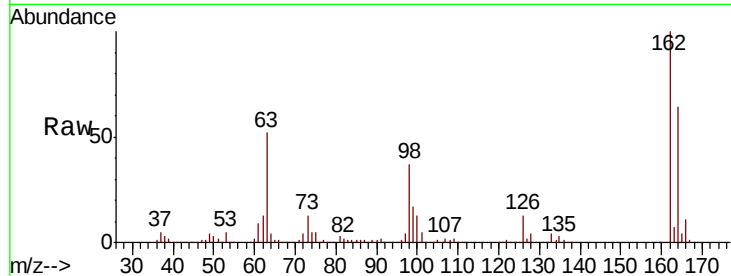
#29
2,4-Dichlorophenol
Concen: 46.606 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

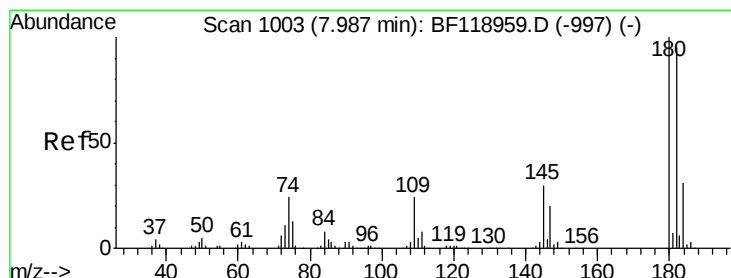
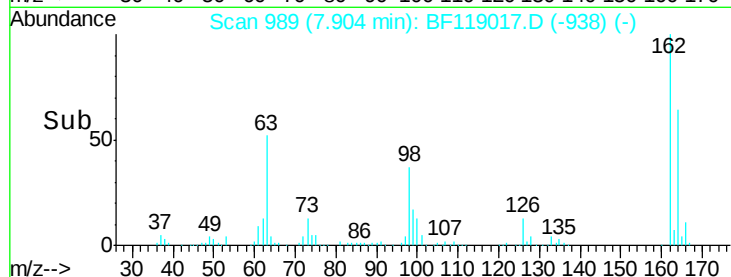
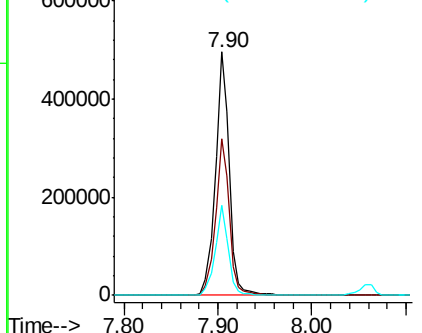
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		514401		
164	64.2	44.1	84.1		
98	37.1	16.4	56.4		

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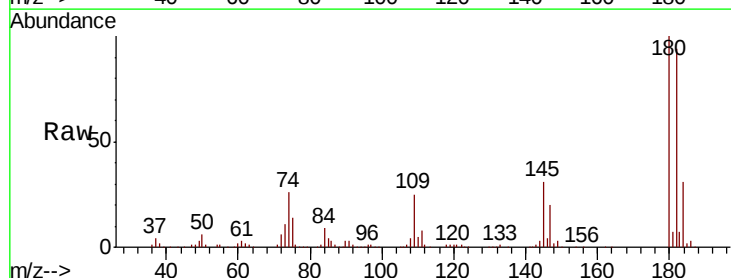


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

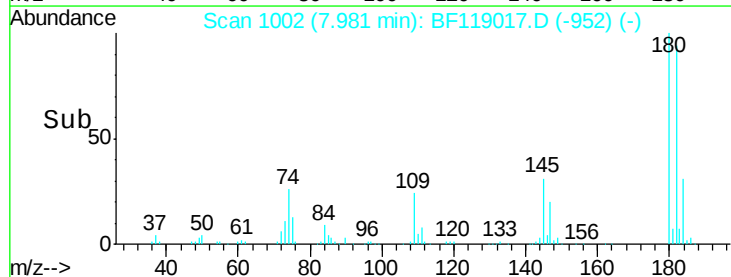
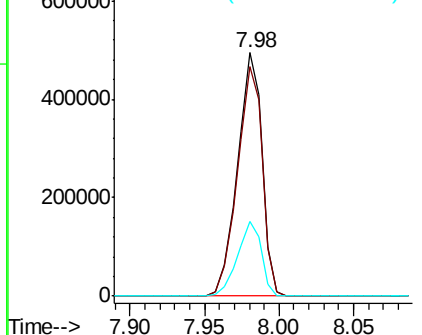


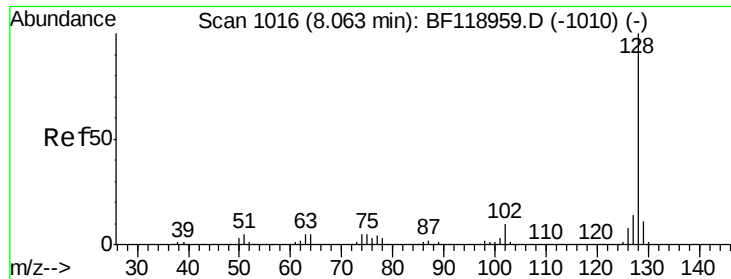
#30
1,2,4-Trichlorobenzene
Concen: 43.190 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		565182		
182	94.1	75.8	113.8		
145	30.8	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





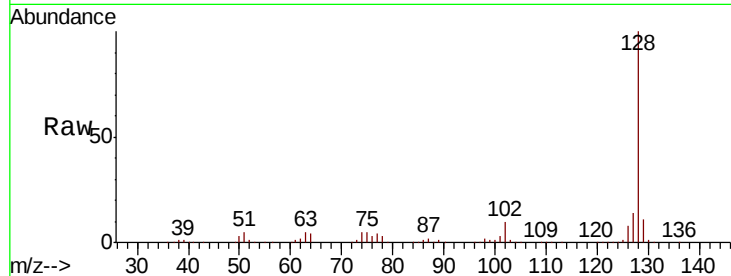
#31
Naphthalene
Concen: 45.302 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.0	10.9	16.3

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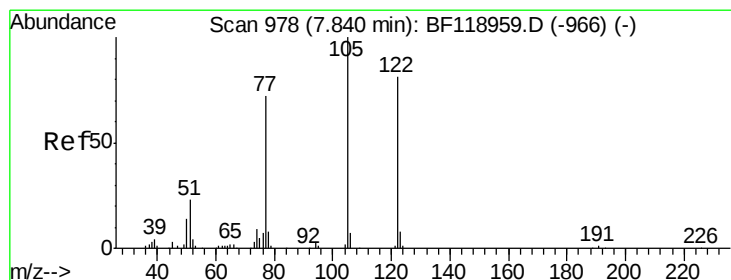
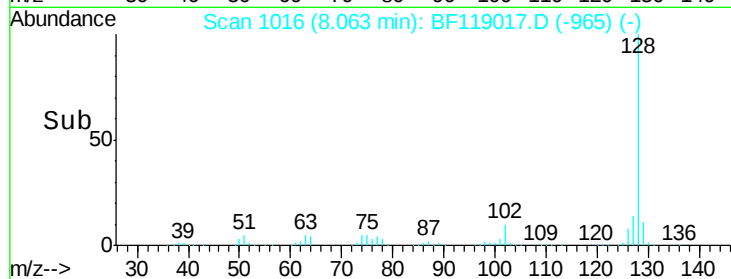
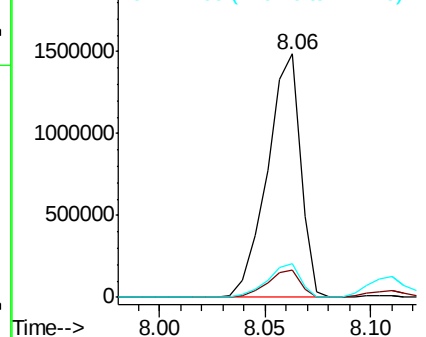


Abundance

Ion 128.00 (127.70 to 128.70): E

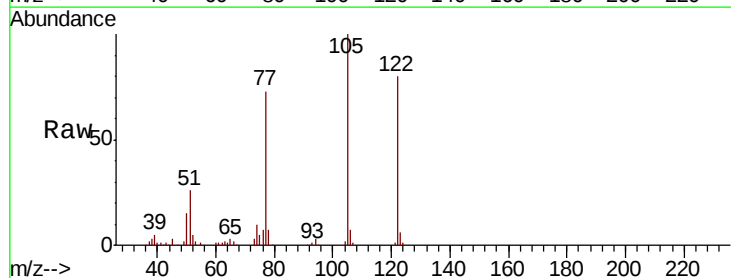
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.920 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	102.2	142.2
77	90.8	68.6	108.6

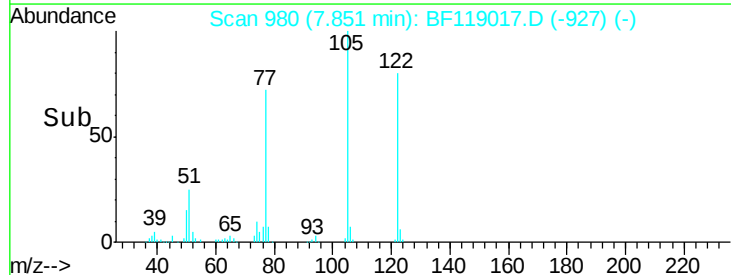
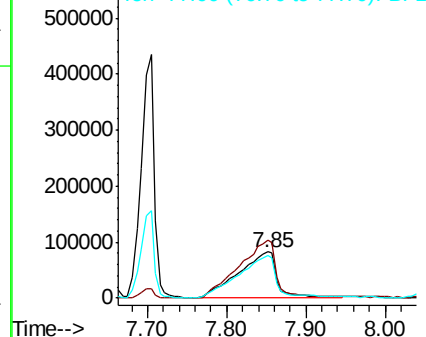


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





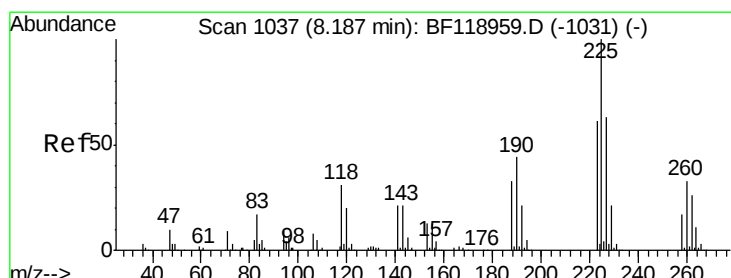
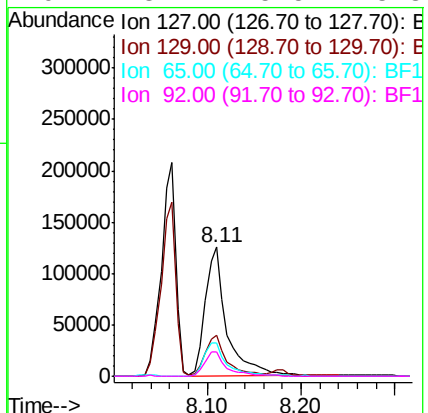
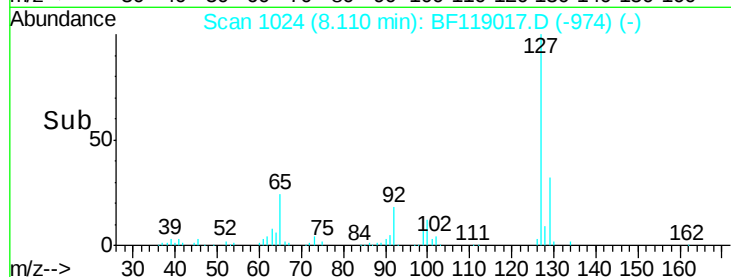
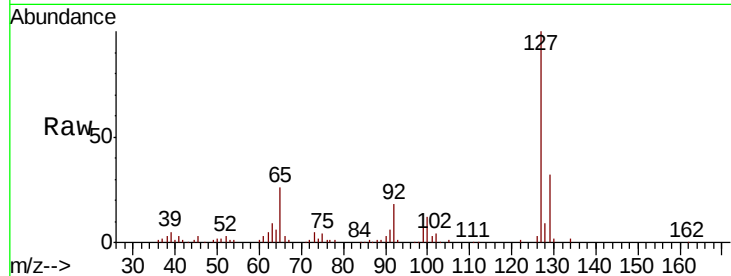
#33
4-Chloroaniline
Concen: 12.970 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		201399		
129	32.0	26.2	39.2		
65	25.6	22.0	33.0		
92	18.4	15.5	23.3		

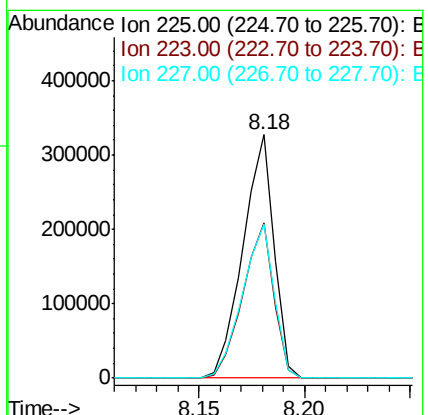
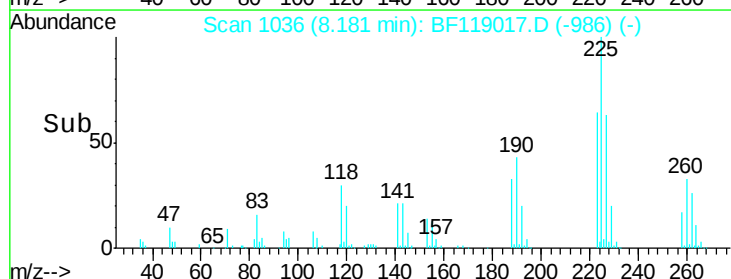
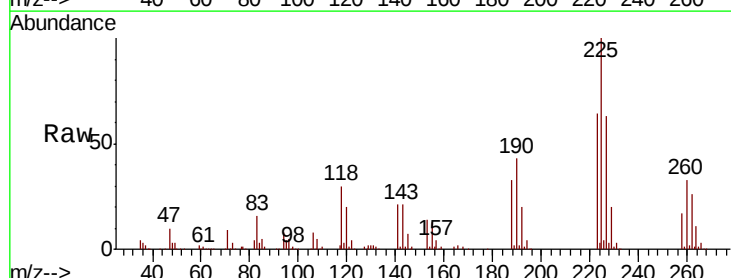
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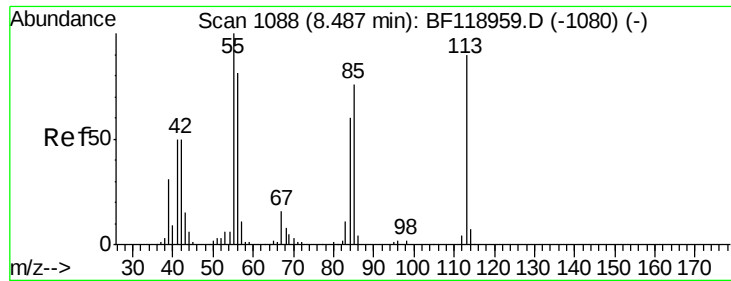
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#34
Hexachlorobutadiene
Concen: 41.060 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		334695		
223	63.6	48.9	73.3		
227	63.4	50.4	75.6		





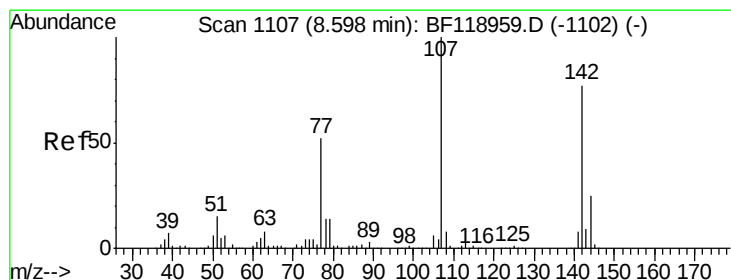
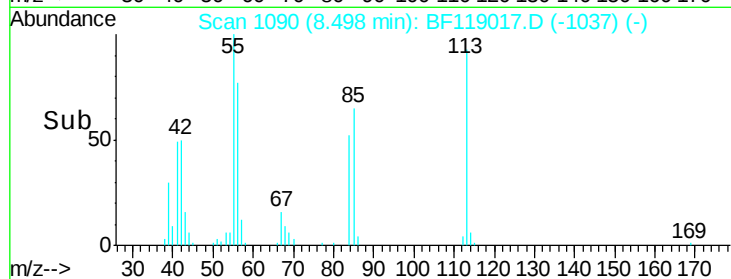
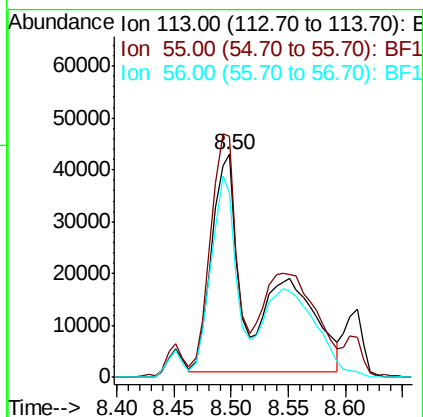
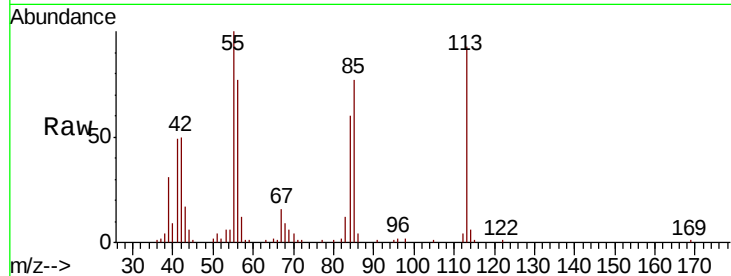
#35
Caprolactam
Concen: 35.305 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	108.0	90.8	130.8
56	82.6	70.0	110.0

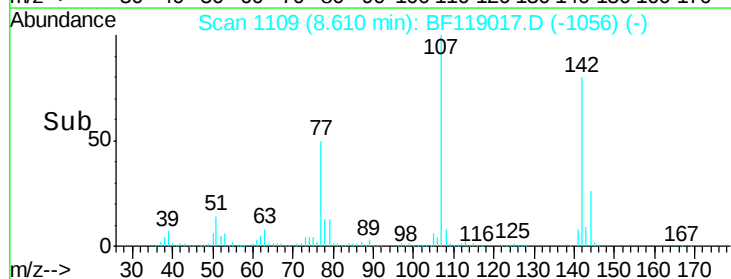
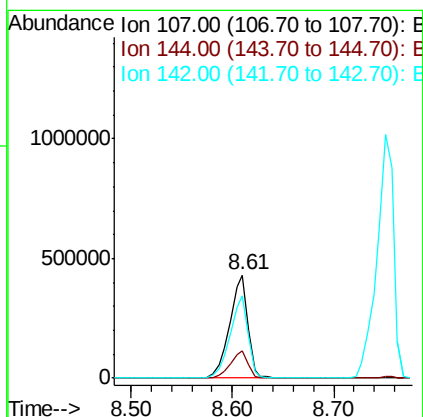
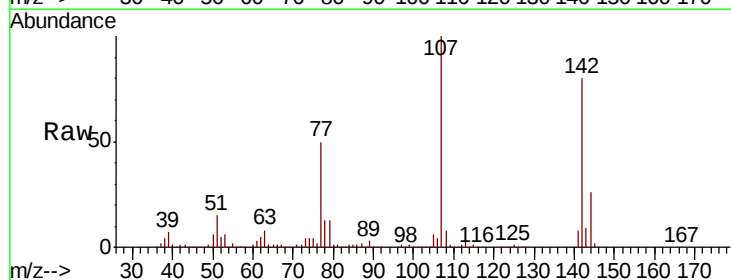
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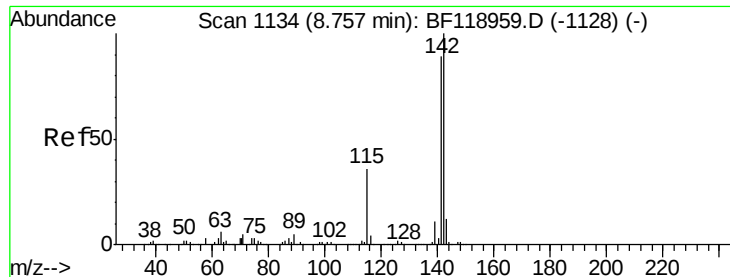
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#36
4-Chloro-3-methylphenol
Concen: 47.814 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	19.8	29.8
142	79.8	61.3	91.9





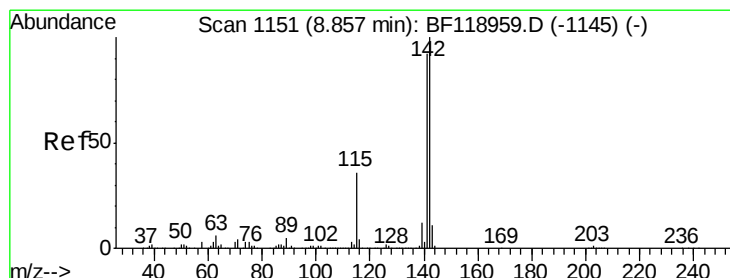
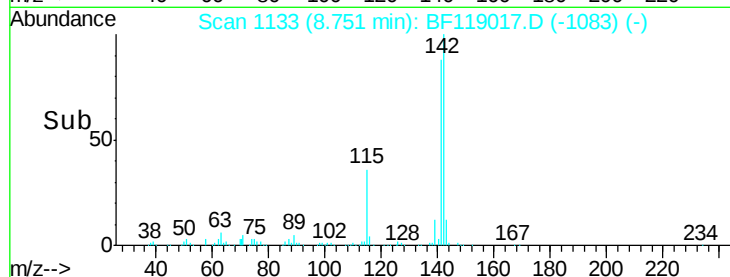
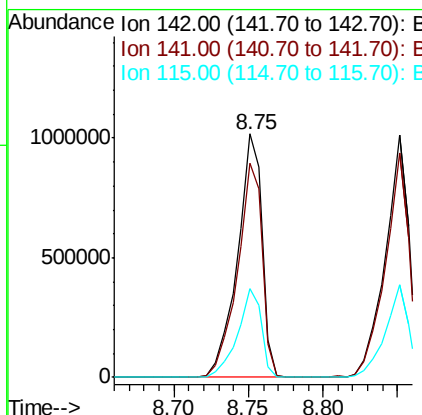
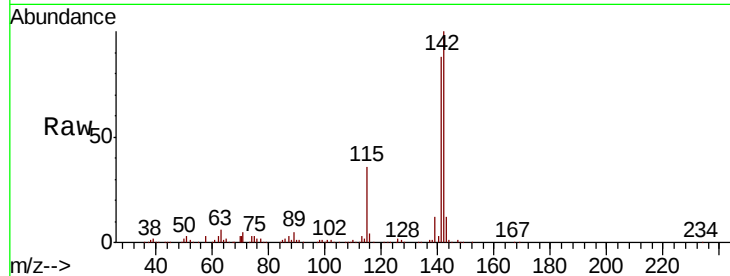
#37
2-Methylnaphthalene
Concen: 47.925 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.4
115	36.5	28.6	42.8

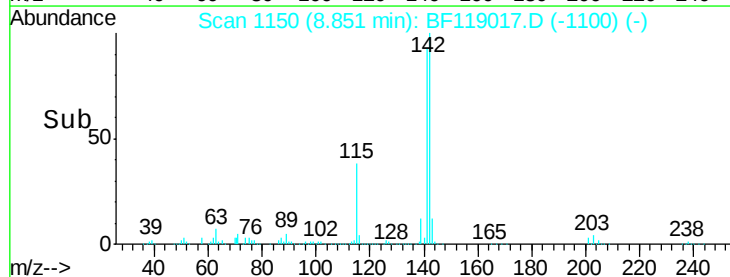
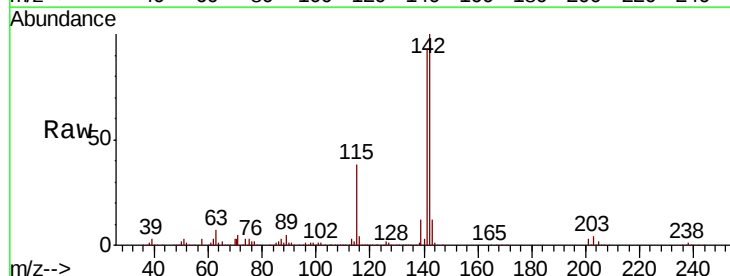
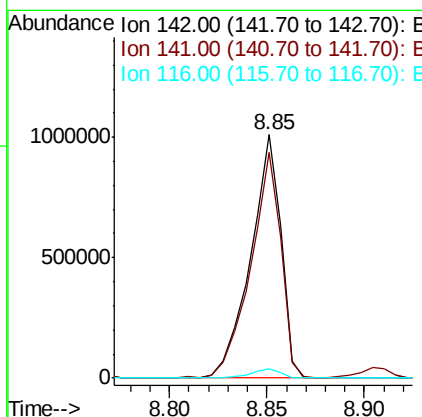
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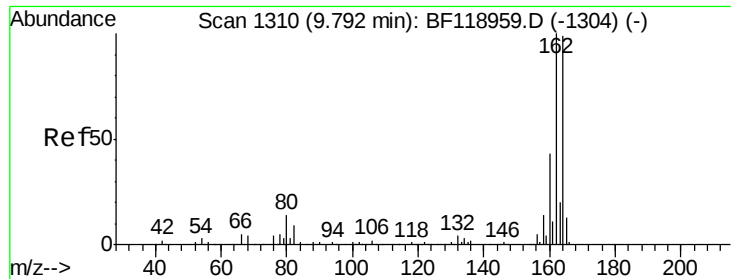
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#38
1-Methylnaphthalene
Concen: 47.504 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.7	110.5
116	3.9	3.0	4.6





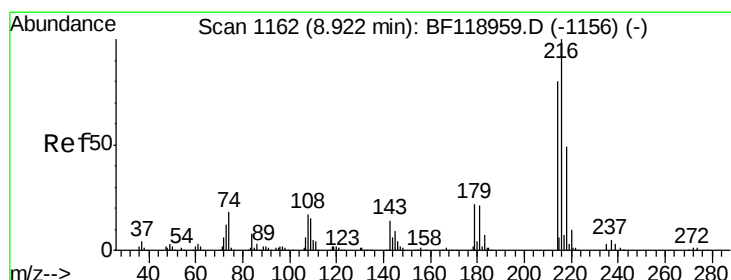
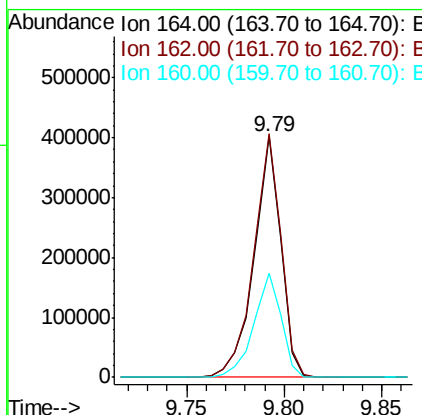
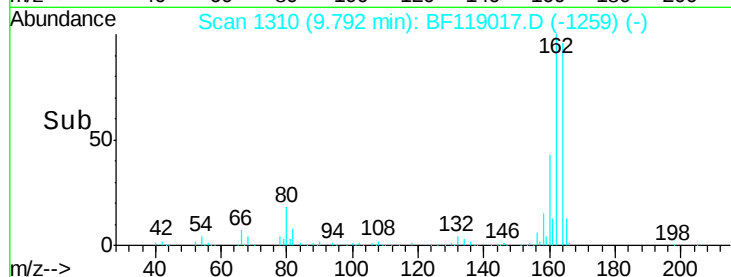
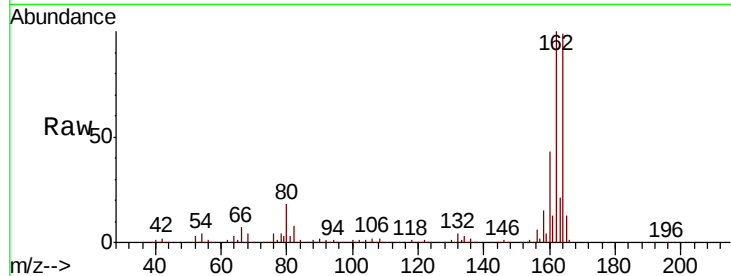
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	81.2	121.8	
160	43.5	35.2	52.8	

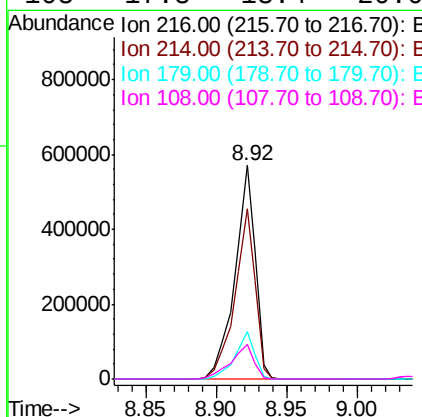
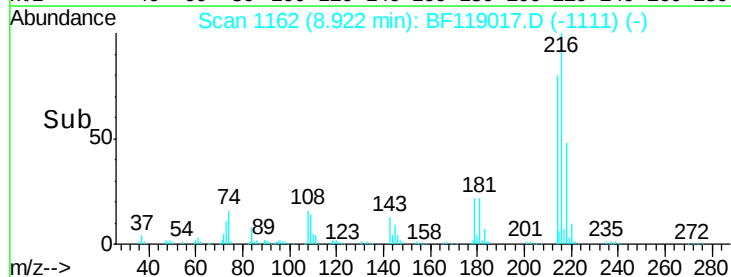
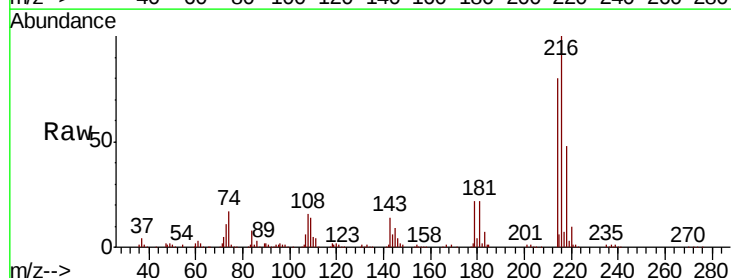
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.433 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.1	94.7	
179	21.5	17.2	25.8	
108	17.8	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 79.574 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

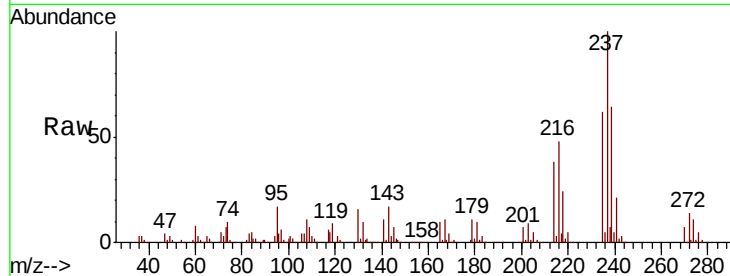
ClientSampleId :

BU-03-021820MS

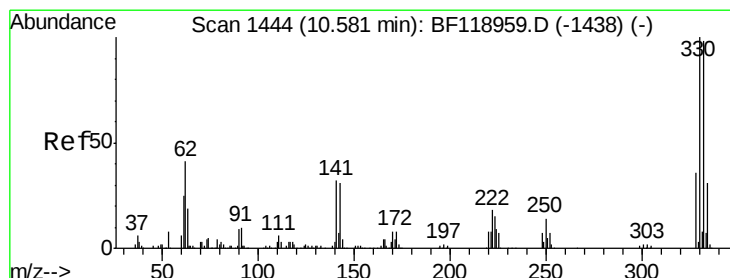
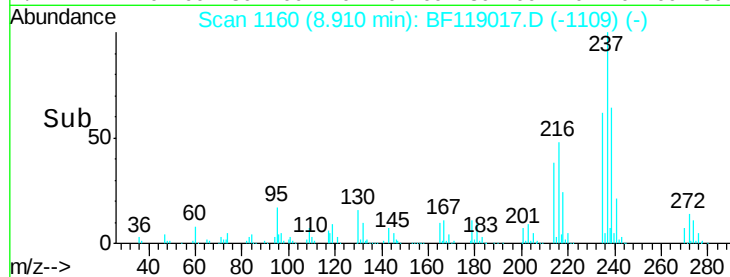
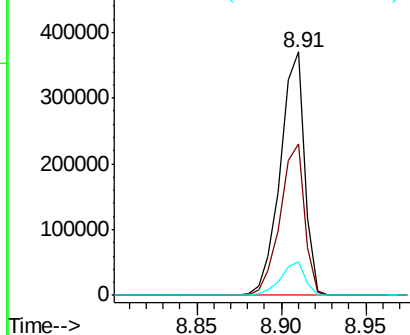
Tot Ion:	237	Resp:	372780
Ion Ratio	Lower	Upper	
237	100		
235	62.0	39.4	79.4
272	14.0	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.462 ng

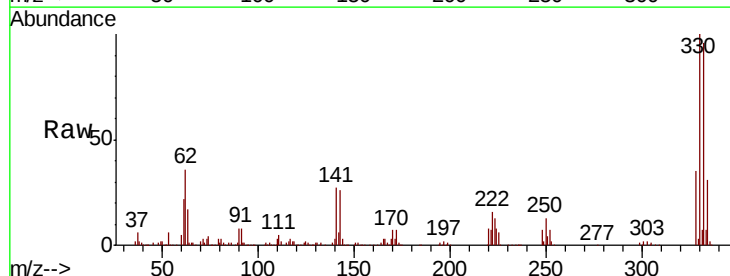
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

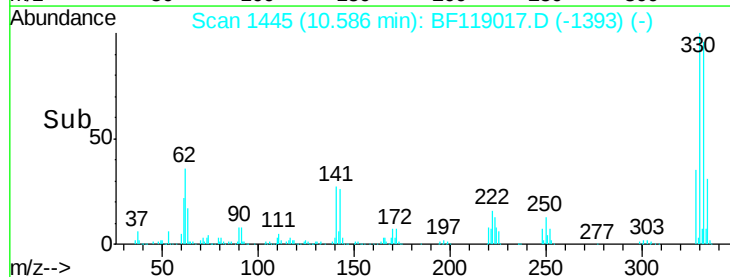
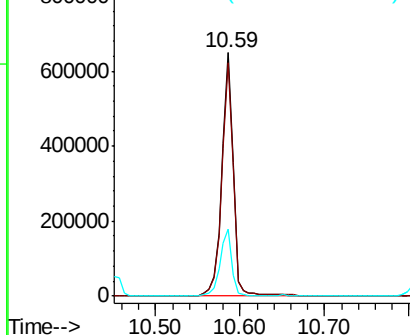
Lab File: BF119017.D

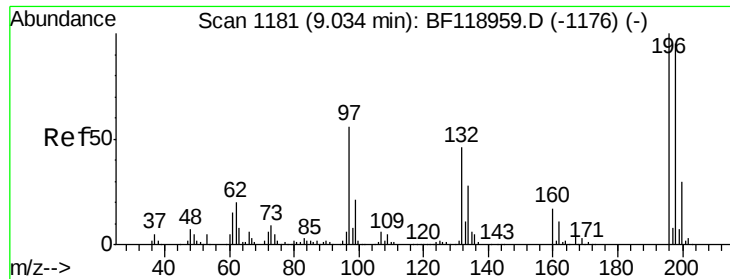
Acq: 24 Feb 2020 11:57

Tgt Ion:	330	Resp:	626953
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.1	115.7
141	28.4	23.0	34.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





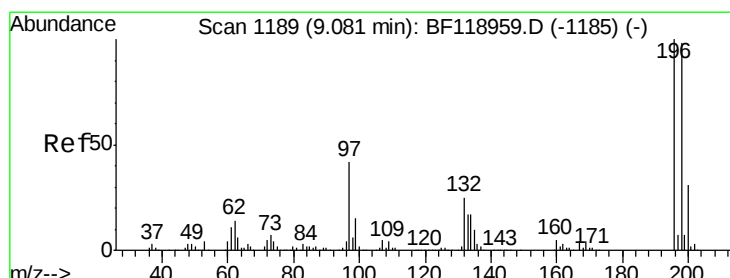
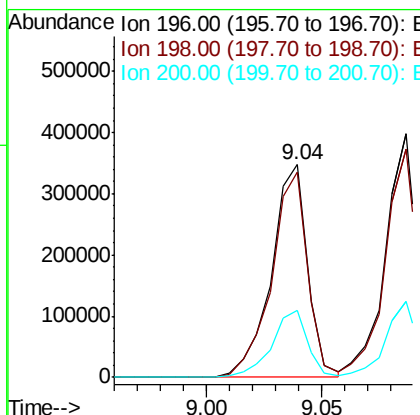
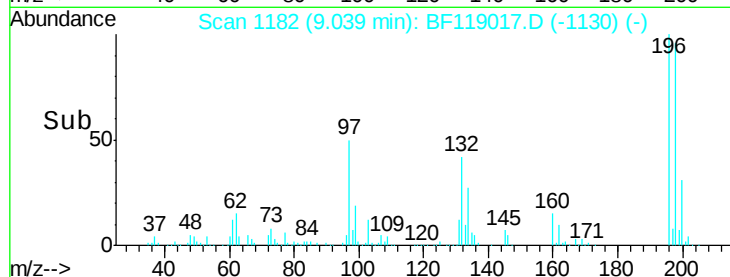
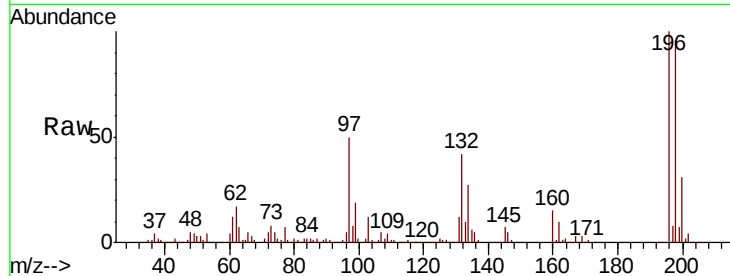
#43
 2,4,6-Trichlorophenol
 Concen: 46.445 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleID :
 BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	377745		
198	96.4	75.8	113.6	
200	31.3	24.1	36.1	

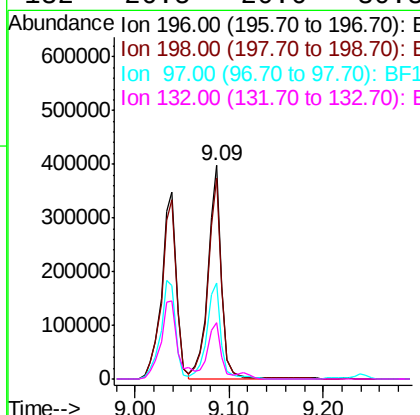
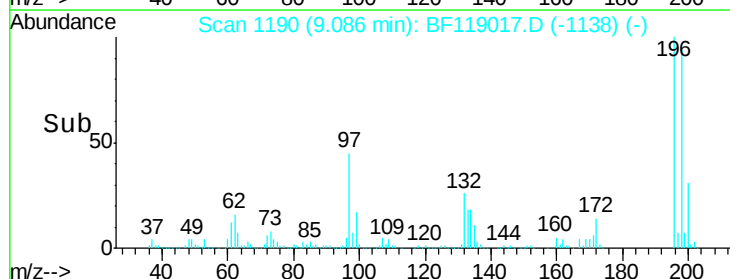
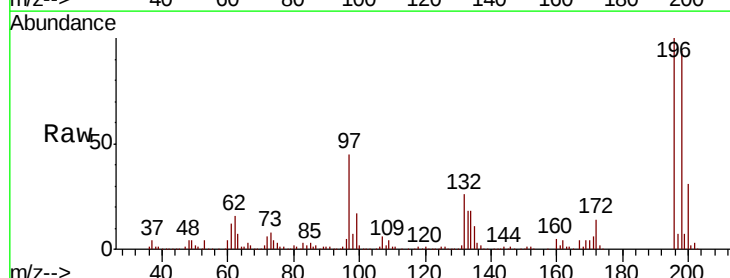
Manual Integrations
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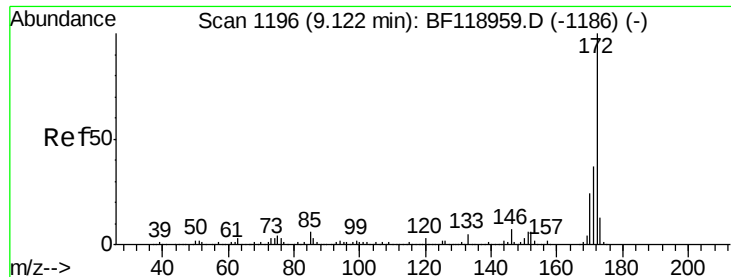
mohammad
 2/25/2020 4:19:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.558 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	397354		
198	93.9	78.4	117.6	
97	45.1	33.4	50.0	
132	26.5	20.6	30.8	





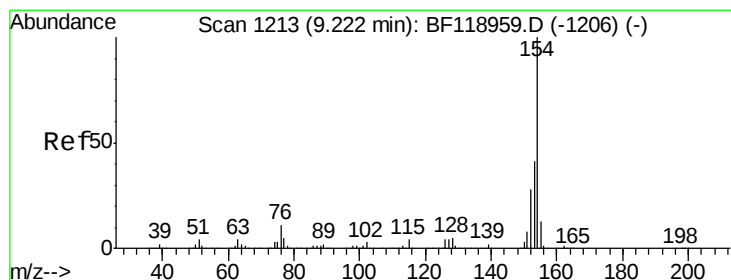
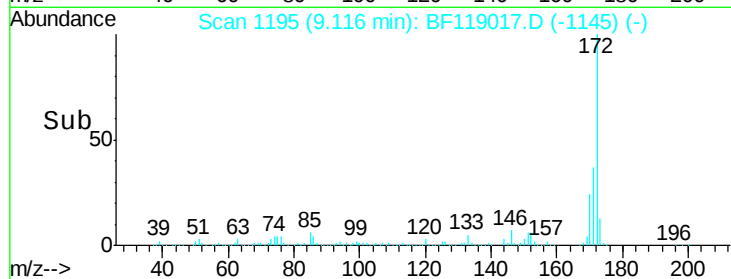
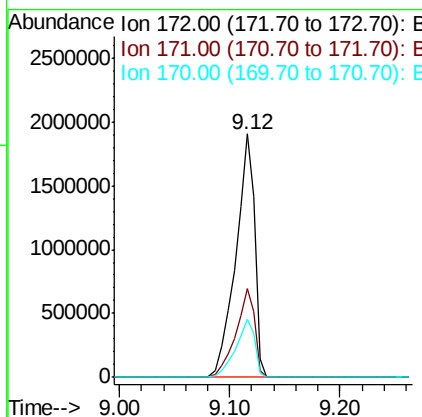
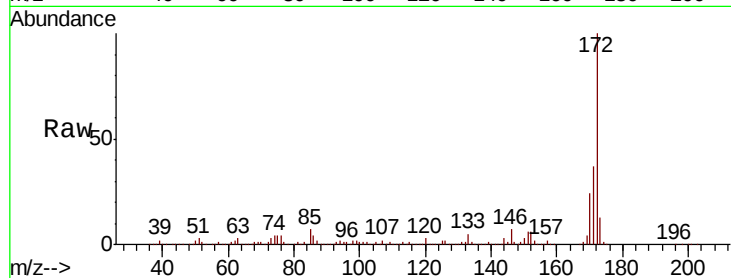
#45
2-Fluorobiphenyl
Concen: 88.223 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	23.8	19.6	29.4

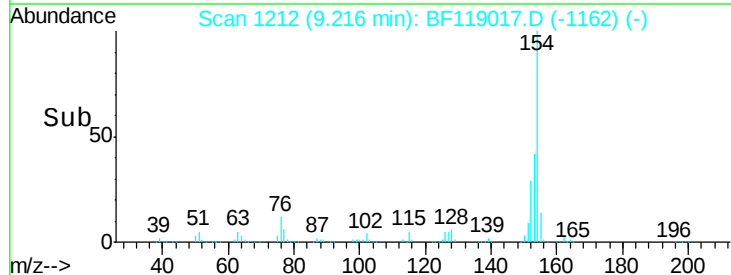
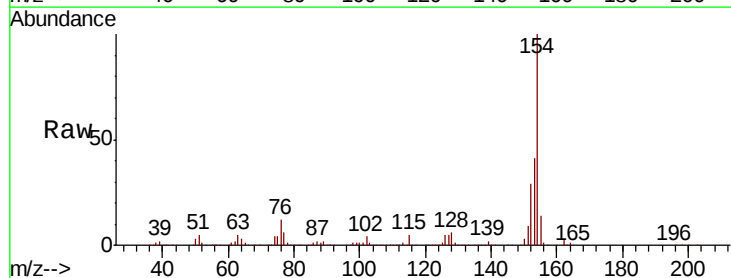
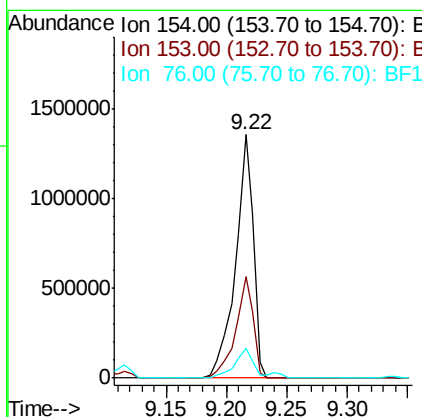
Manual Integrations
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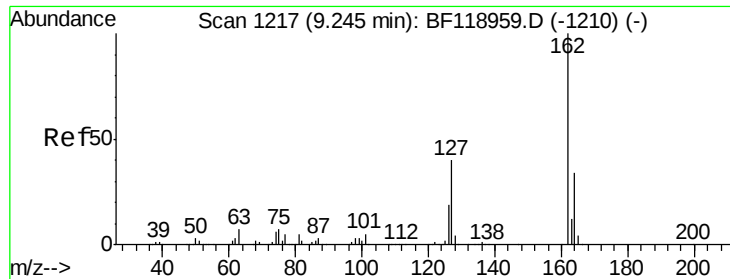
mohammad
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#46
1,1'-Biphenyl
Concen: 45.112 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	12.3	0.0	31.1





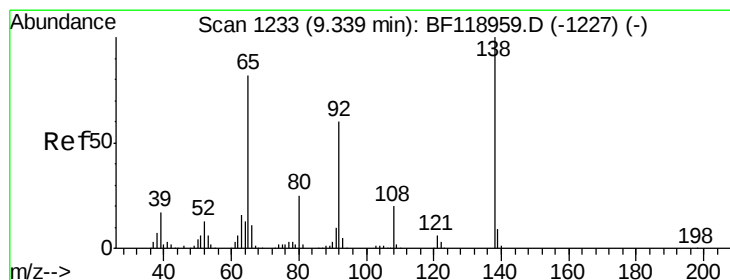
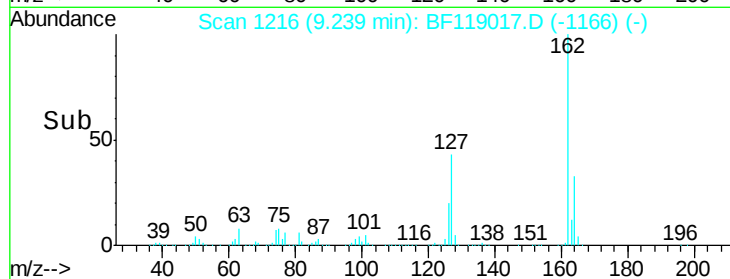
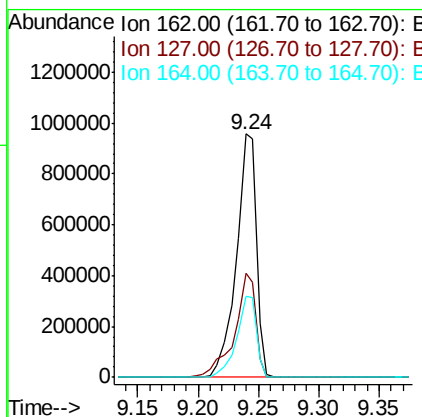
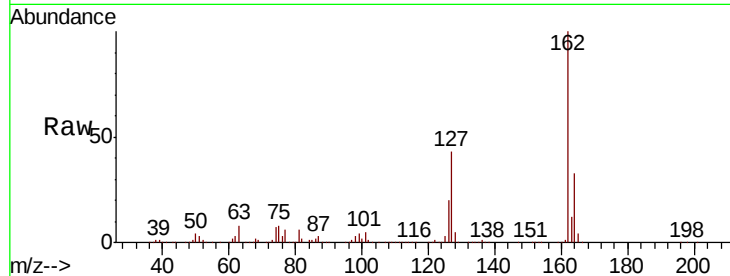
#47
2-Chloronaphthalene
Concen: 44.697 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	31.9	47.9
164	33.4	26.8	40.2

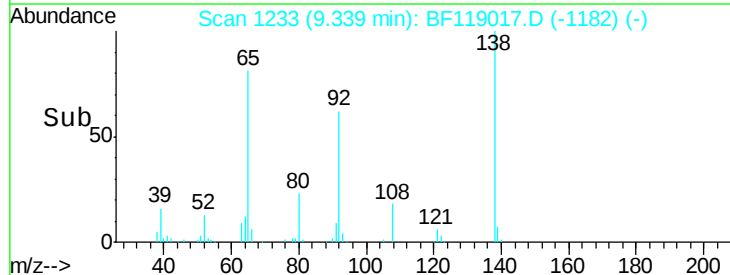
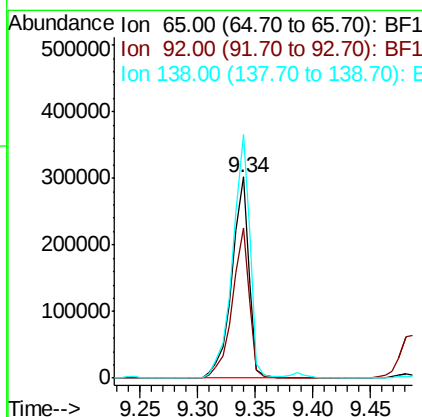
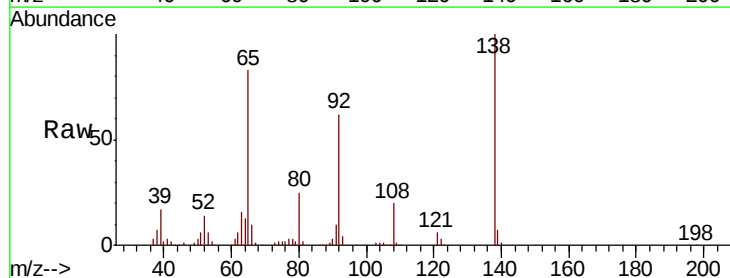
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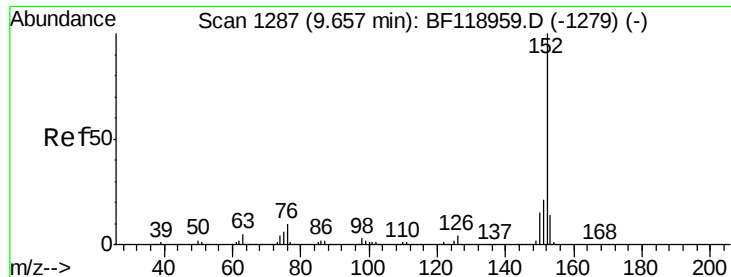
mohammad
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#48
2-Nitroaniline
Concen: 44.778 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.6	87.8
138	121.1	97.5	146.3





#49

Acenaphthylene

Concen: 47.220 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:152 Resp: 1696747

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

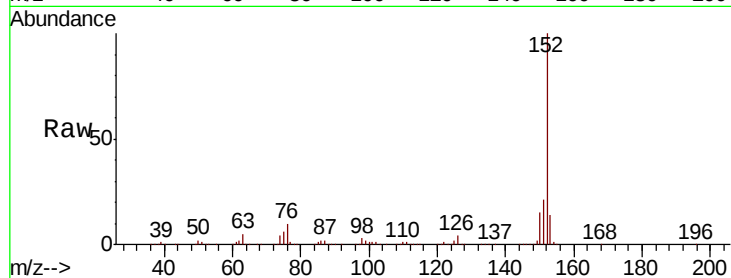
153 13.7 10.9 16.3

Manual Integrations

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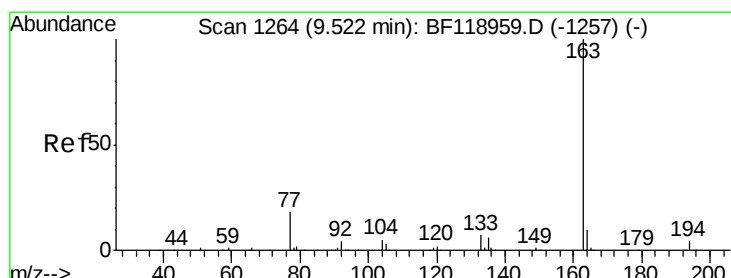
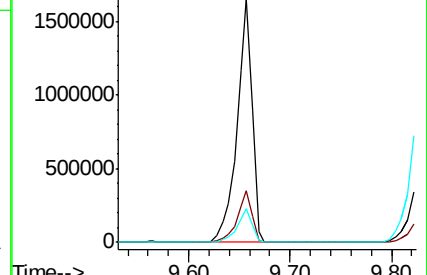
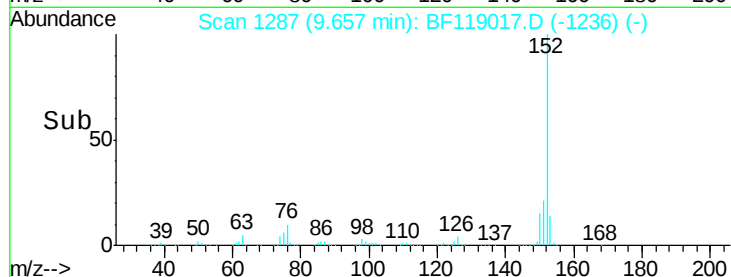
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.821 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

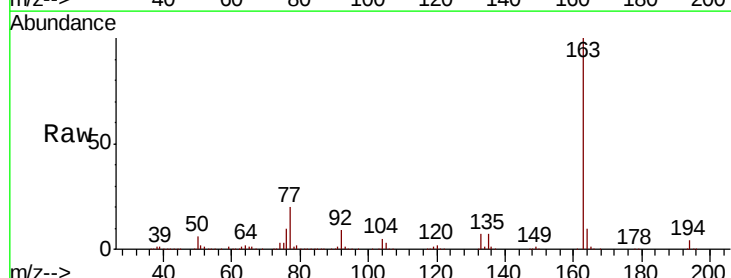
Tgt Ion:163 Resp: 1426098

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

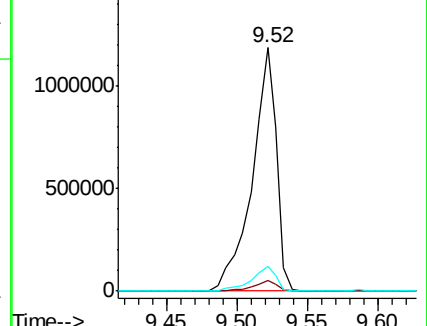
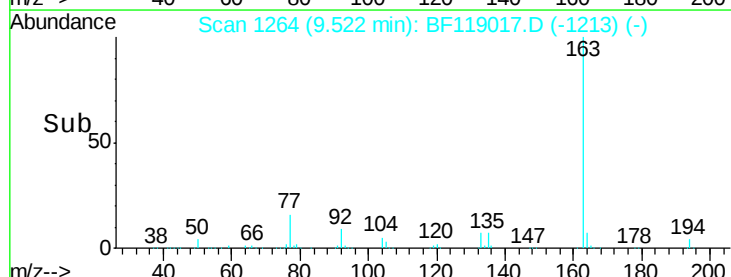
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





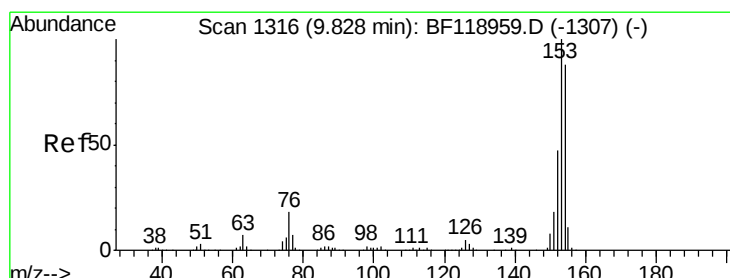
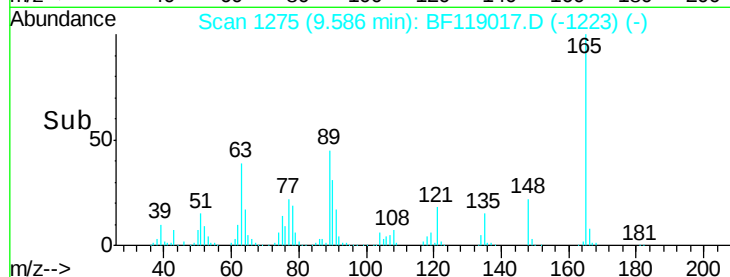
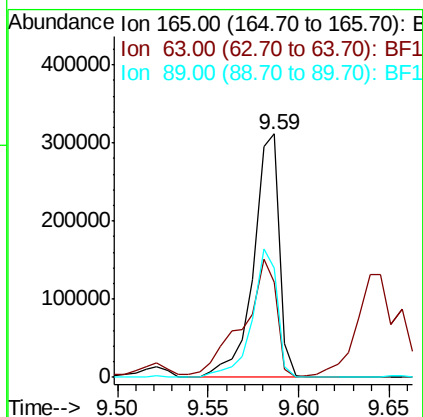
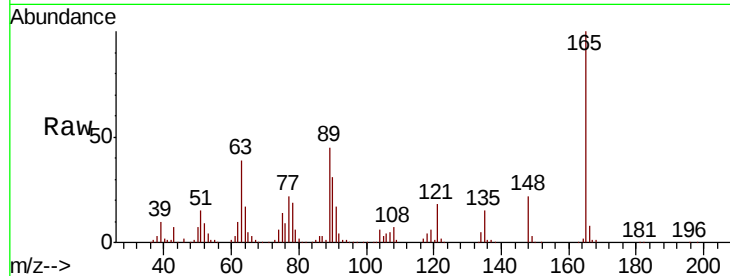
#51
 2,6-Dinitrotoluene
 Concen: 47.539 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion:	165	Resp:	308514
Ion Ratio	Lower	Upper	
165	100		
63	39.2	37.9	56.9
89	44.9	41.4	62.0

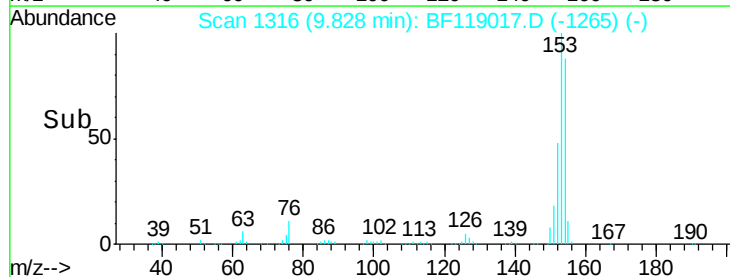
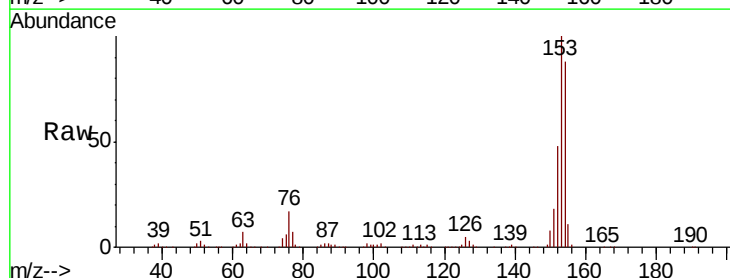
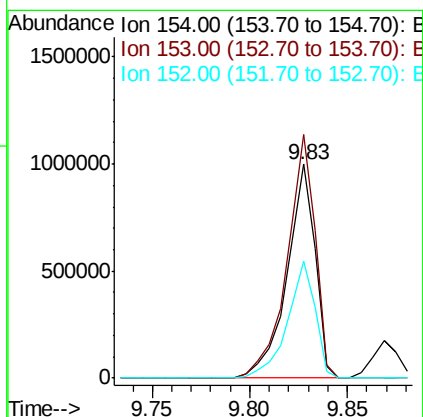
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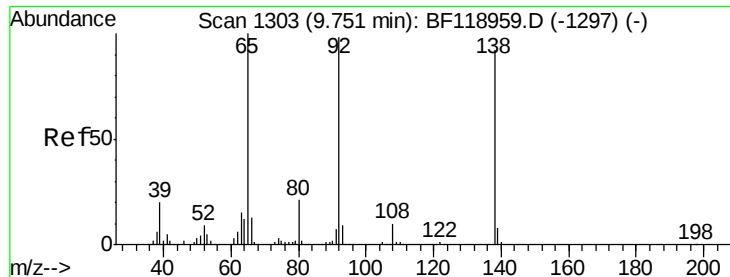
mohammad
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#52
 Acenaphthene
 Concen: 46.074 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion:	154	Resp:	998284
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.4	135.6
152	54.5	42.9	64.3





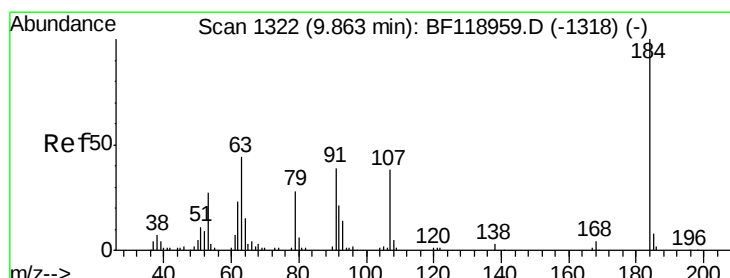
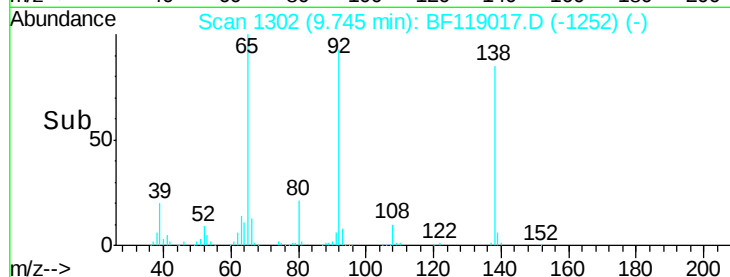
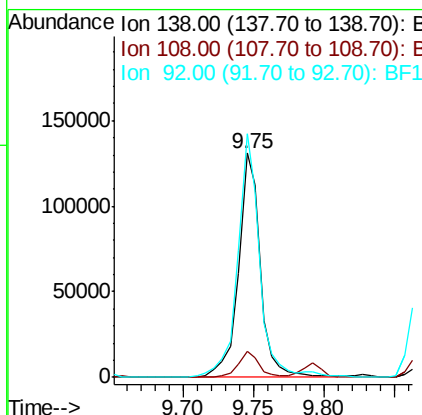
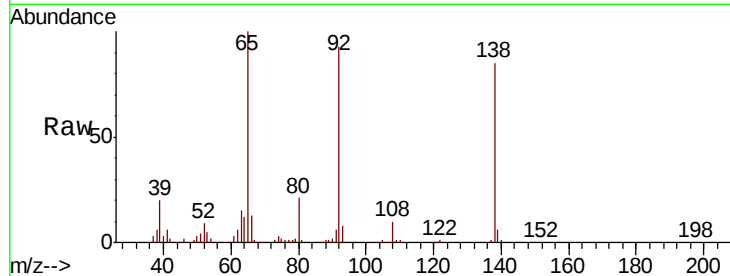
#53
3-Nitroaniline
Concen: 19.649 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	13.0
92	108.7	84.6	127.0

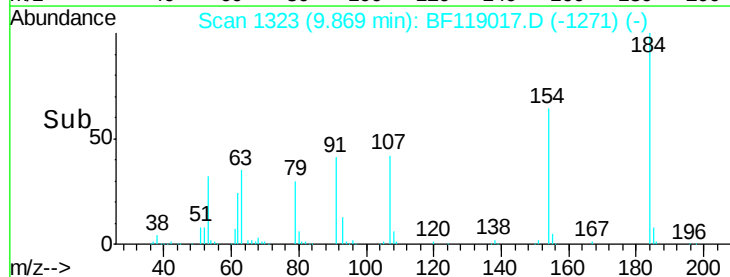
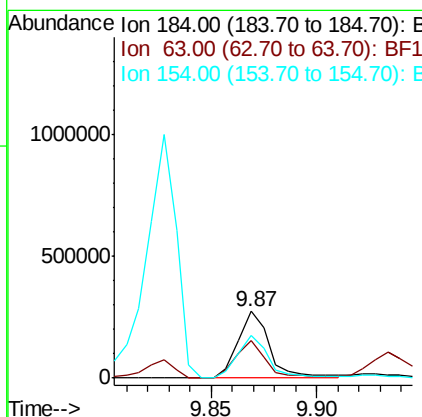
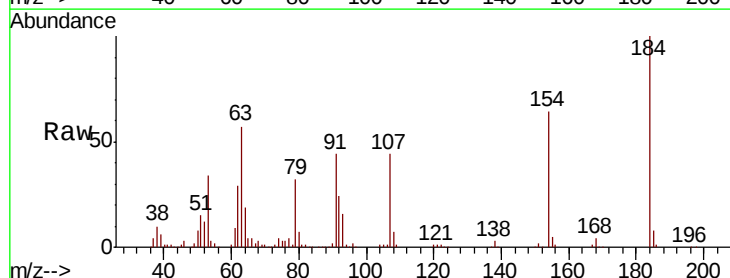
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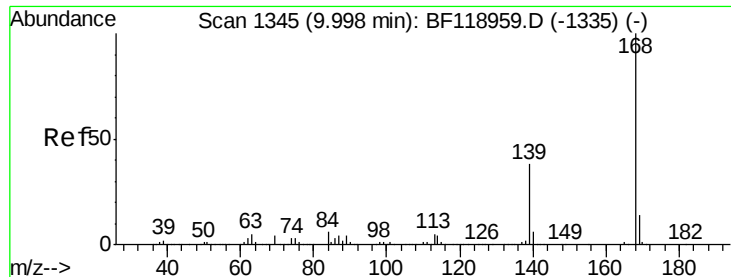
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.890 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	37.8	56.6#
154	63.9	47.6	71.4





#55

Dibenzenofuran

Concen: 46.149 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:168 Resp: 1492450

Ion Ratio Lower Upper

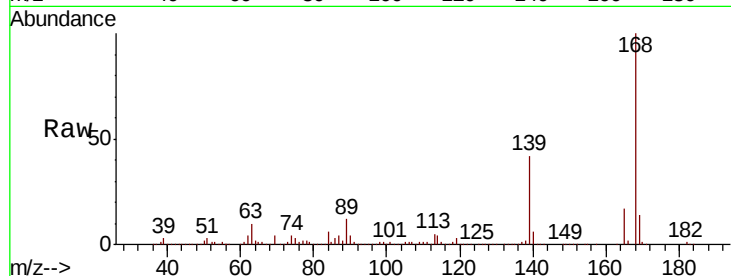
168 100

139 41.9 31.7 47.5

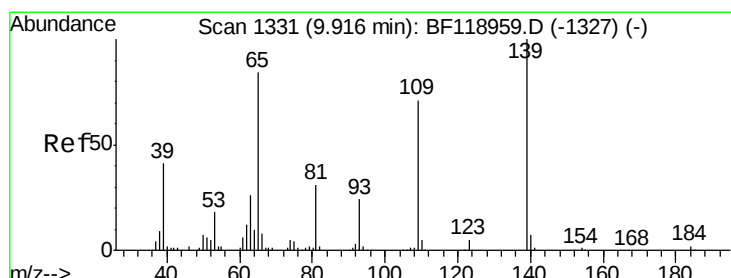
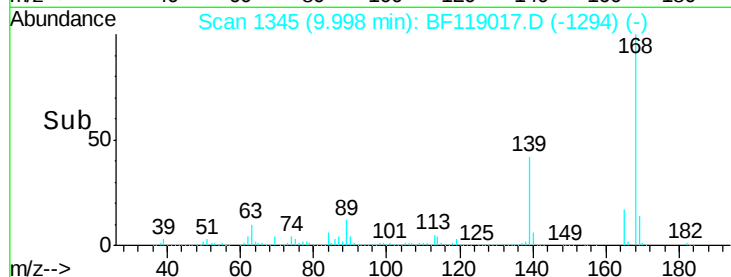
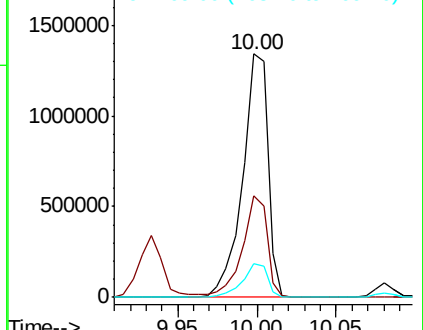
169 13.9 11.0 16.4

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.976 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

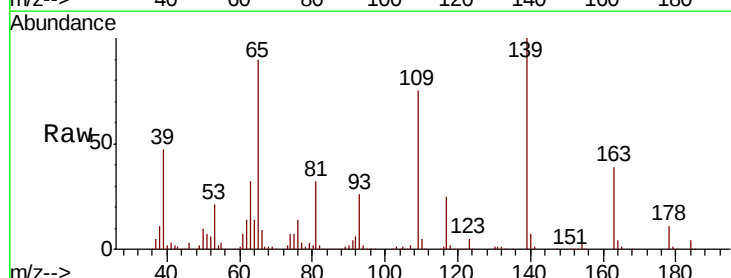
Tgt Ion:139 Resp: 358678

Ion Ratio Lower Upper

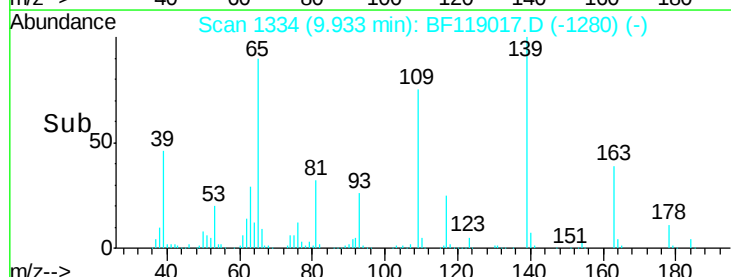
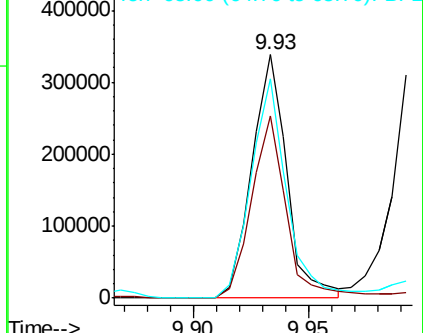
139 100

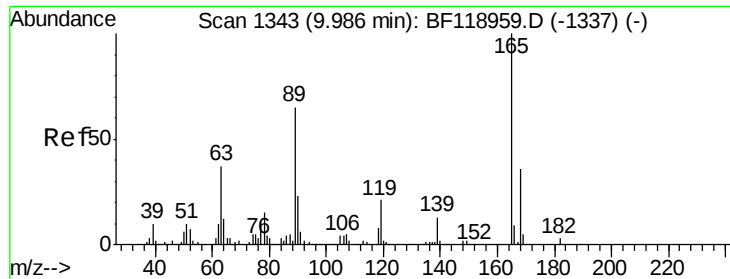
109 74.9 51.1 91.1

65 90.3 64.7 104.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





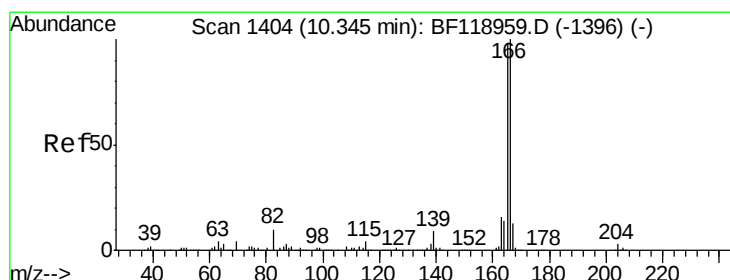
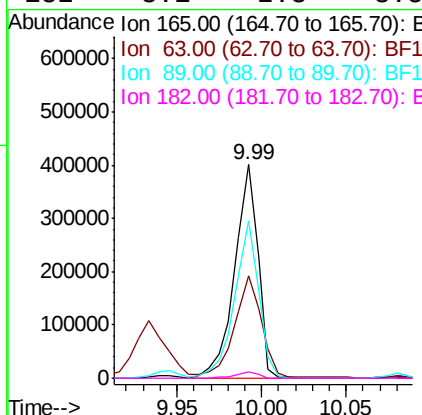
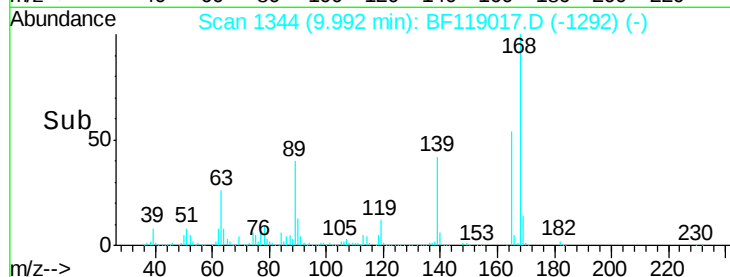
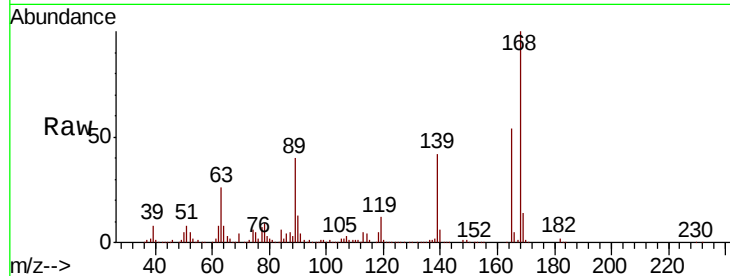
#57
 2,4-Dinitrotoluene
 Concen: 45.407 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.2	29.8	44.8#
89	73.5	51.9	77.9
182	3.1	2.3	3.5

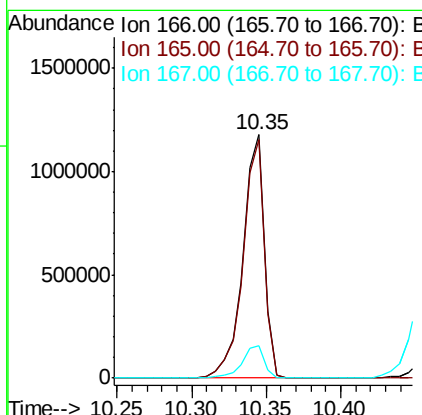
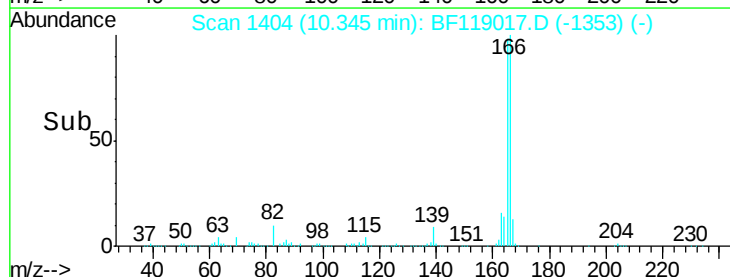
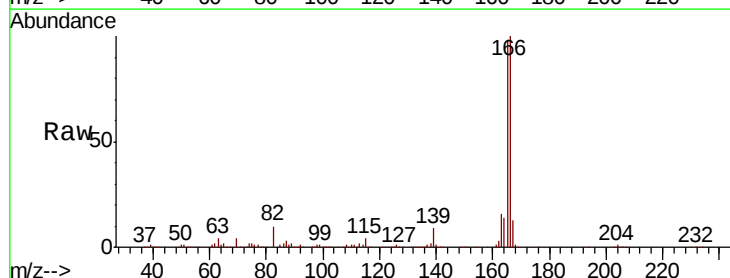
Manual Integrations
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#58
 Fluorene
 Concen: 46.657 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.2	10.6	16.0





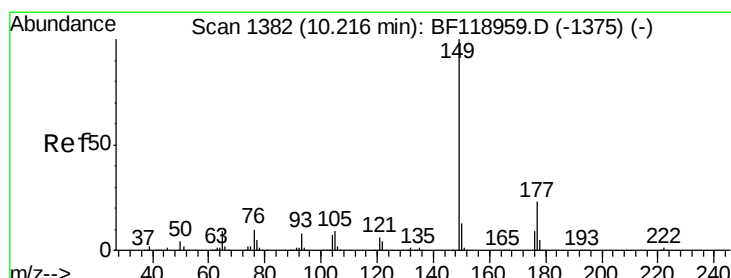
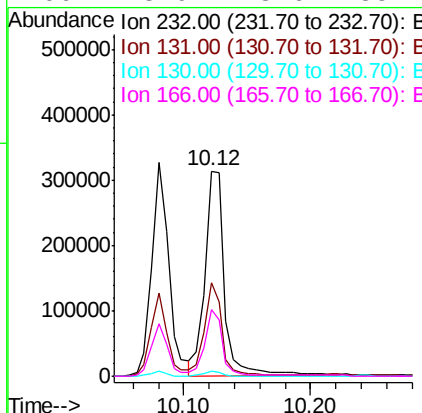
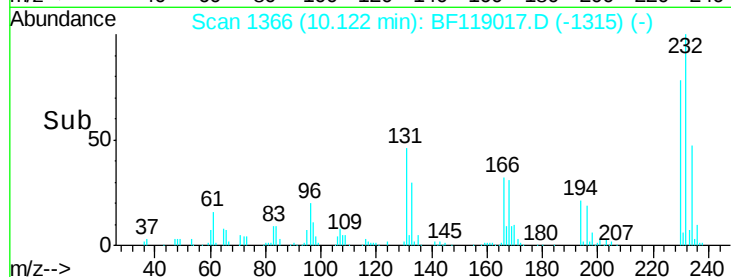
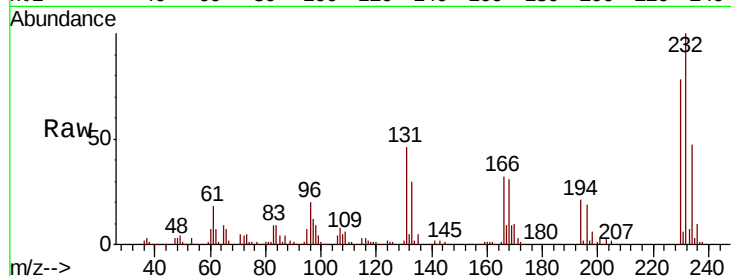
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.414 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.0	51.0
130	2.3	1.6	2.4
166	28.9	23.6	35.4

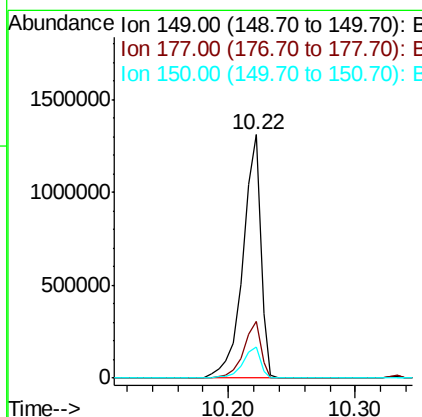
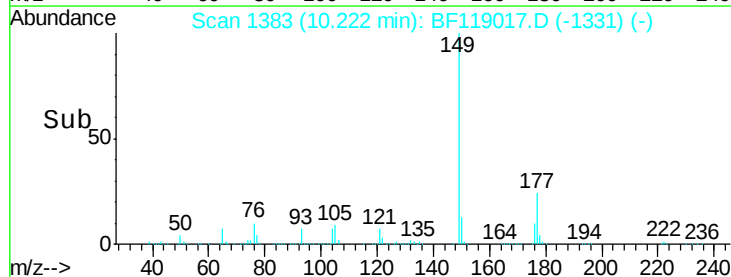
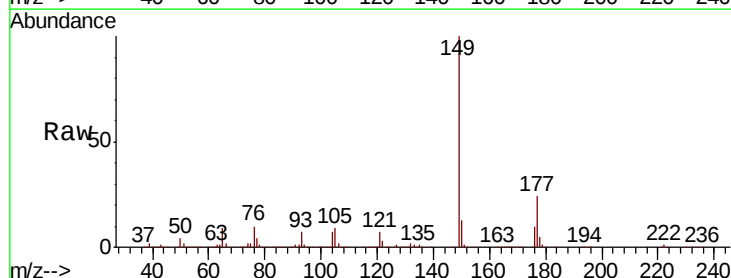
Manual Integrations
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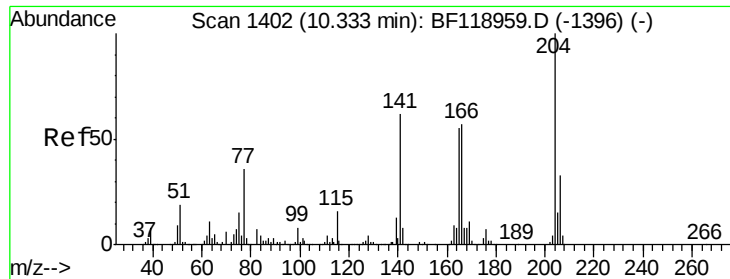
mohammad
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#60
 Diethylphthalate
 Concen: 45.991 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.1	27.1
150	12.8	10.4	15.6





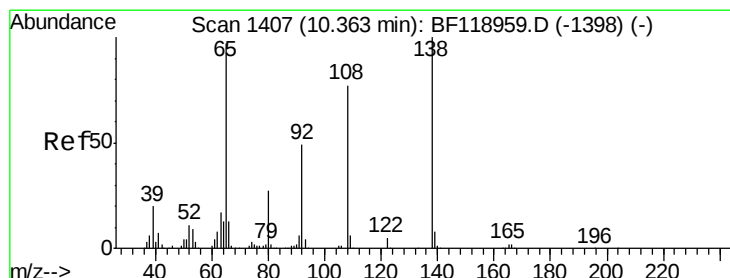
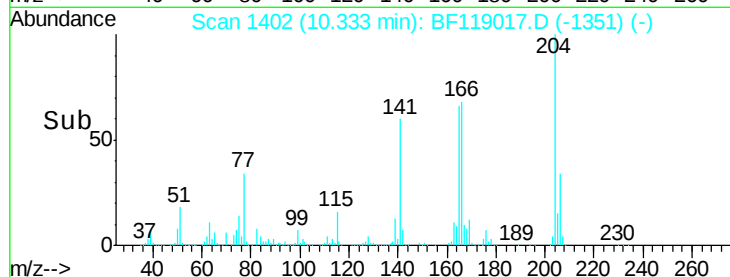
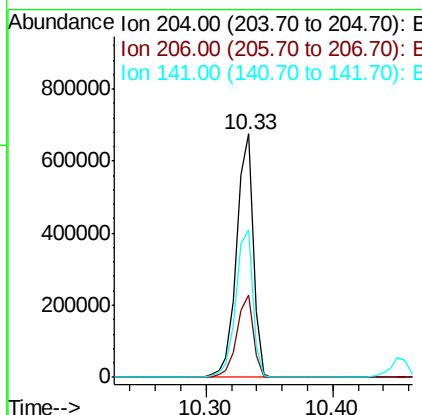
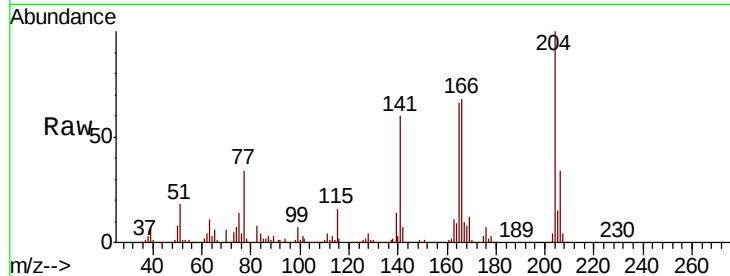
#61
4-Chlorophenyl-phenylether
Concen: 45.748 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion:	204	Resp:	608527
Ion Ratio		Lower	Upper
204	100		
206	34.0	26.5	39.7
141	60.4	49.5	74.3

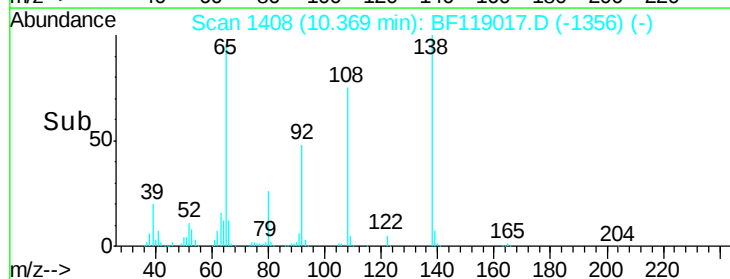
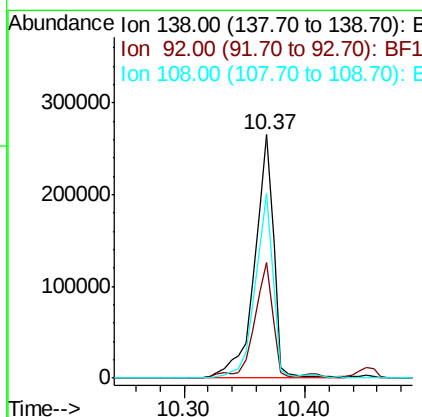
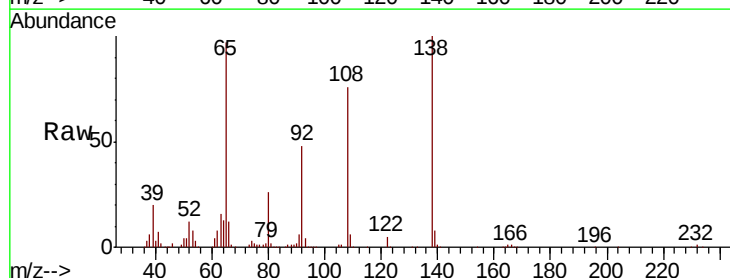
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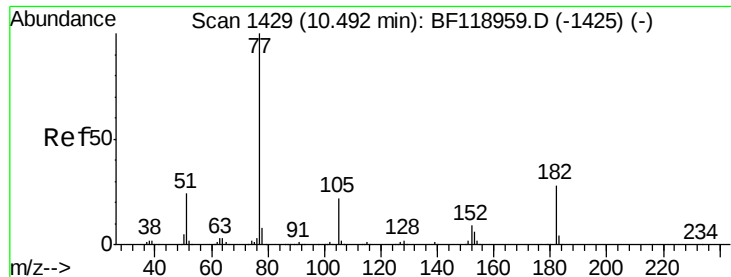
mohammad
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#62
4-Nitroaniline
Concen: 40.001 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:	138	Resp:	294447
Ion Ratio		Lower	Upper
138	100		
92	47.7	28.7	68.7
108	75.7	56.8	96.8





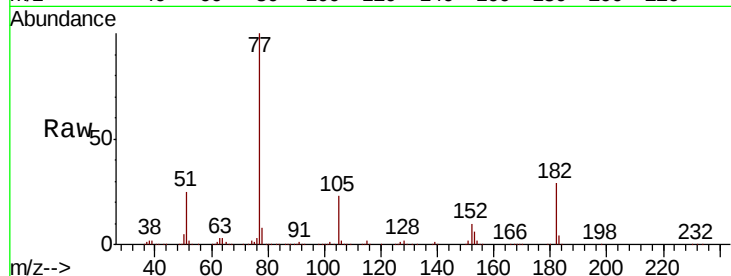
#63
Azobenzene
Concen: 46.824 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.2	48.2
105	22.6	2.3	42.3
51	24.6	3.6	43.6

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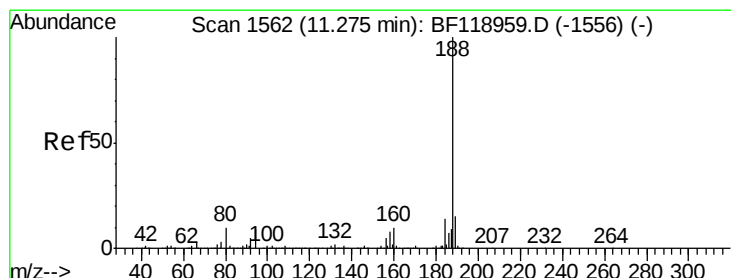
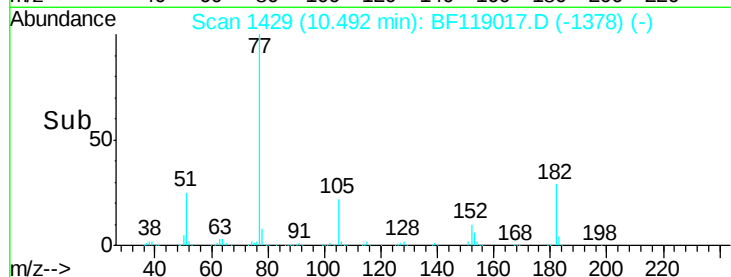
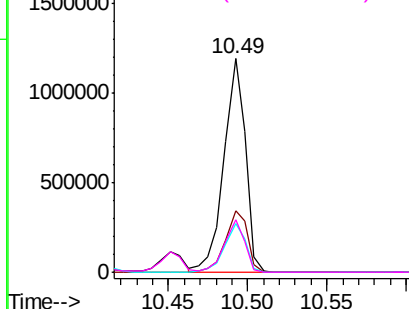


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

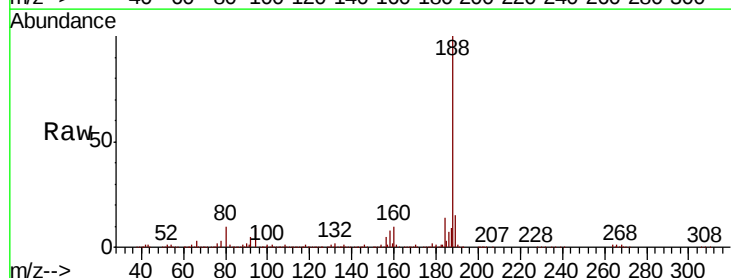
Ion 105.00 (104.70 to 105.70): E

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: BF119017.D
Acq: 24 Feb 2020 11:57

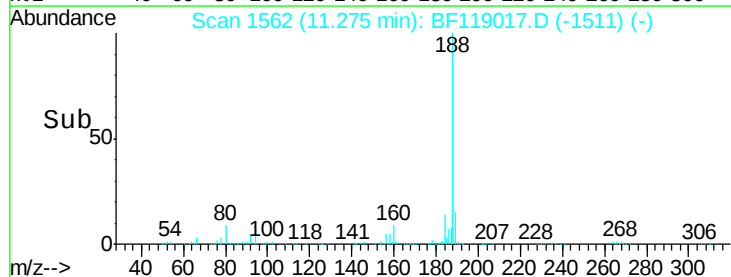
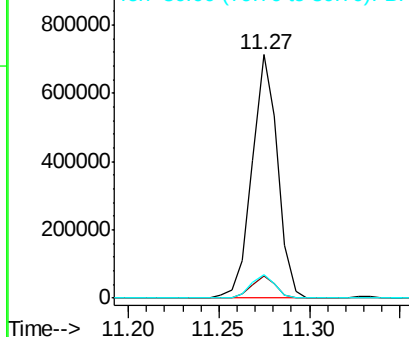
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.6	7.9	11.9

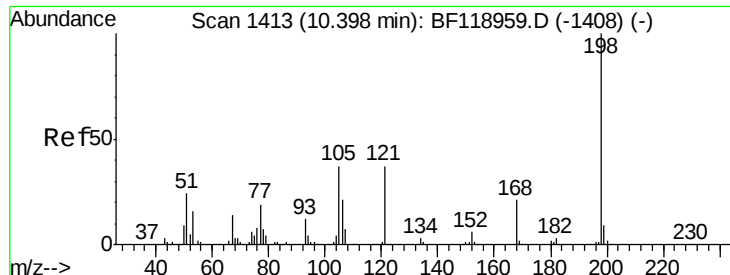


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





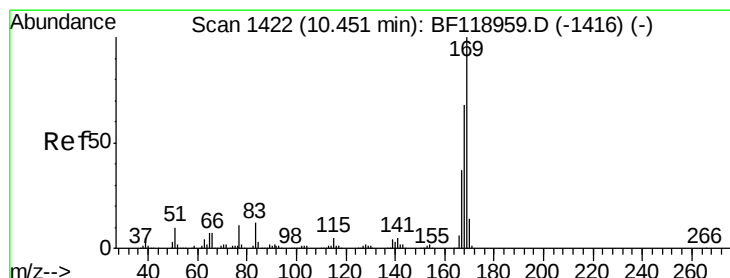
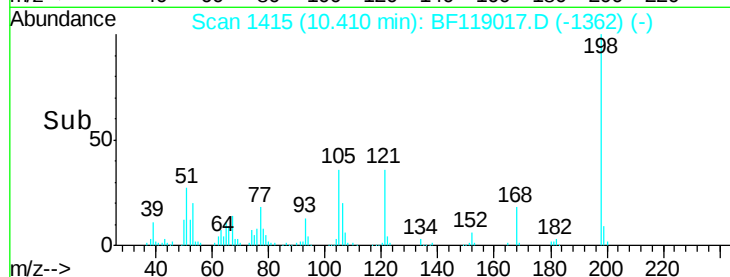
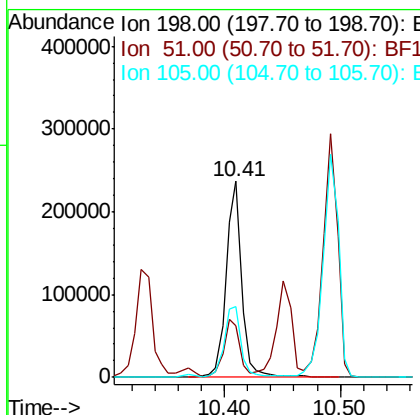
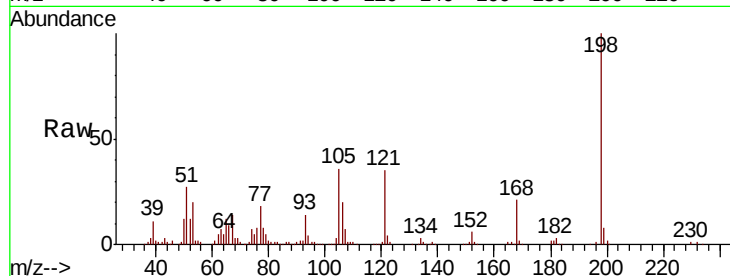
#65
4,6-Dinitro-2-methylphenol
Concen: 52.621 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	221295		
51	26.6	7.1	47.1	
105	36.2	18.3	58.3	

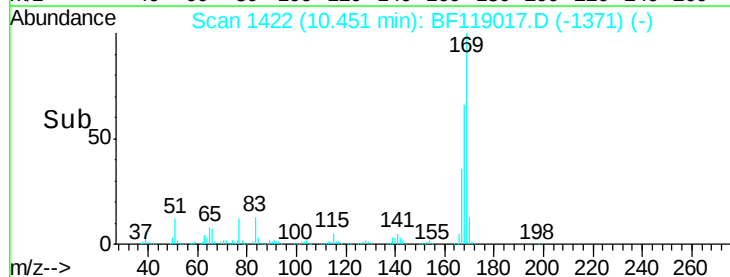
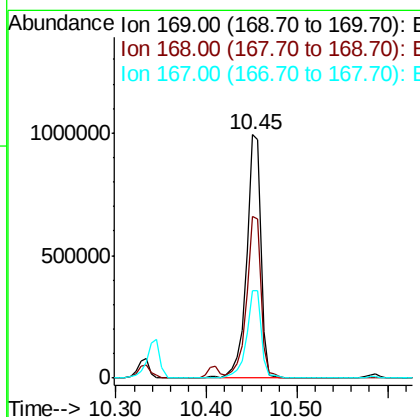
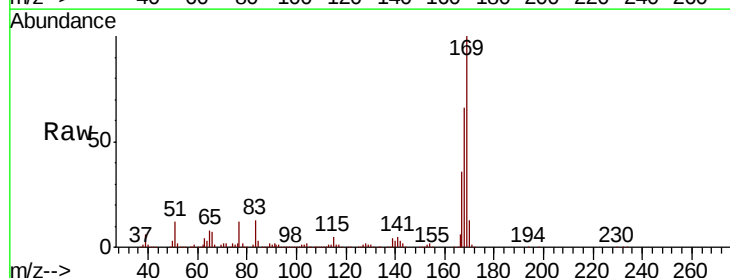
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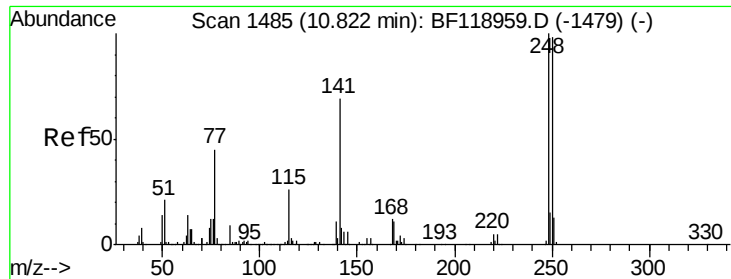
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#66
n-Nitrosodiphenylamine
Concen: 47.286 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1076076		
168	66.3	54.2	81.2	
167	36.0	29.4	44.2	





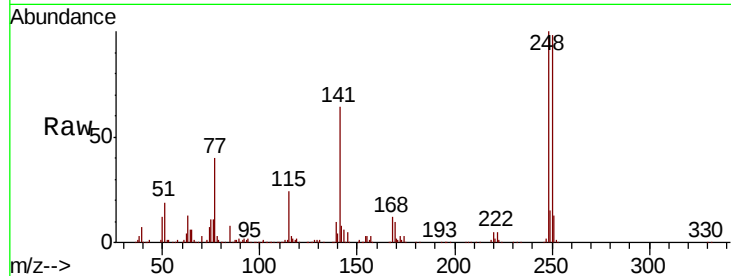
#67
4-Bromophenyl-phenylether
Concen: 45.756 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.8	118.2
141	64.1	55.3	82.9

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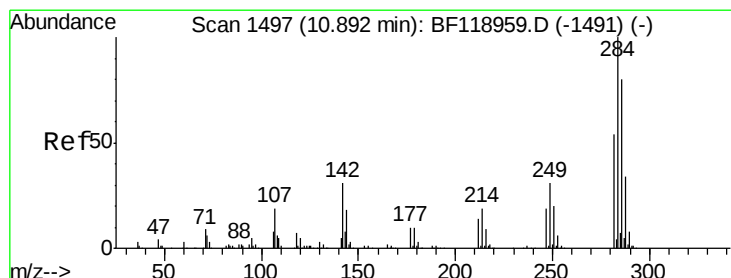
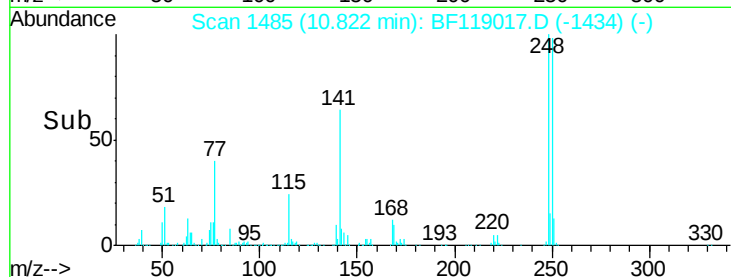
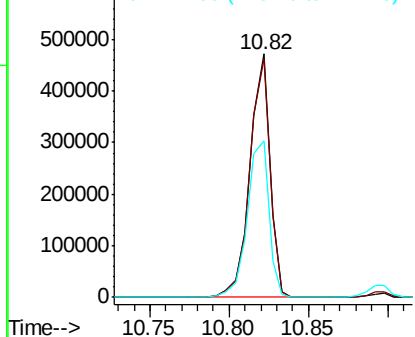


Abundance

Ion 248.00 (247.70 to 248.70): E

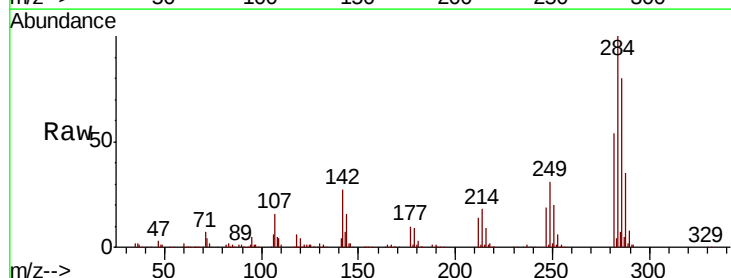
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.669 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	25.0	37.6
249	30.8	25.0	37.4

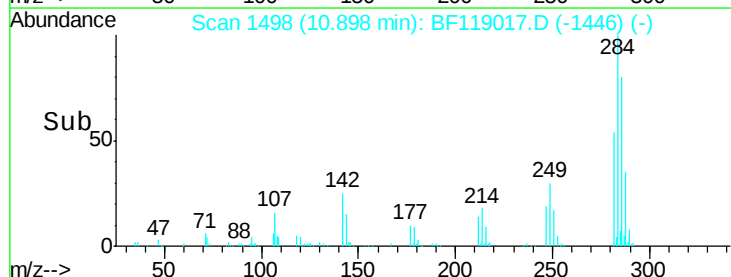
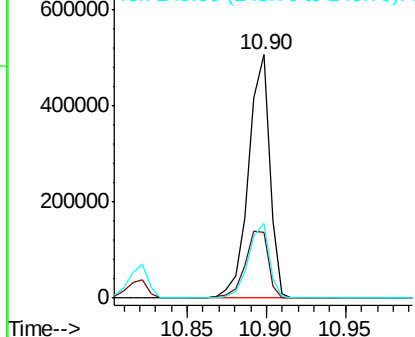


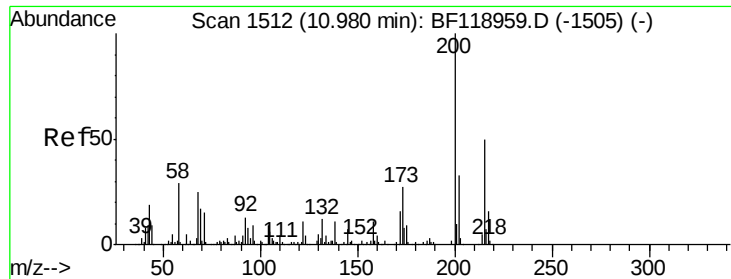
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





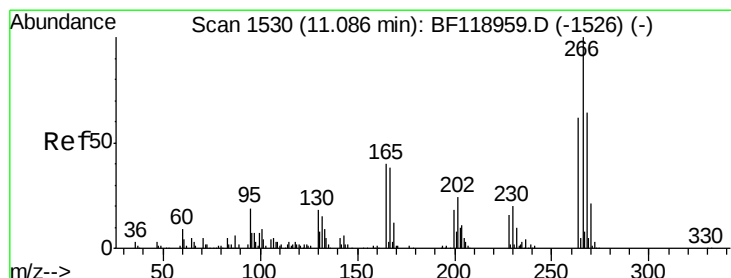
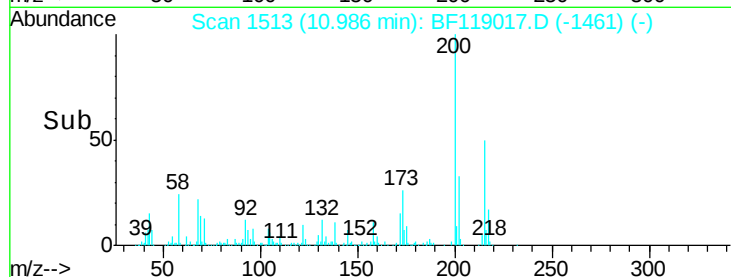
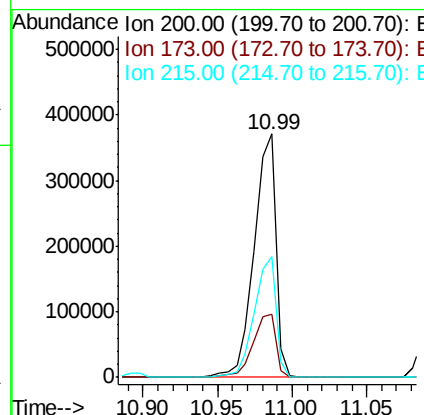
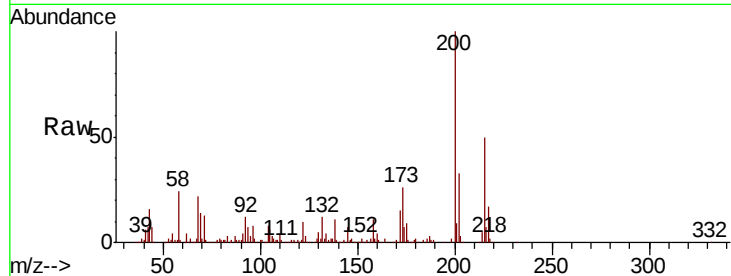
#69
Atrazine
Concen: 46.799 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.9	46.9
215	49.6	29.7	69.7

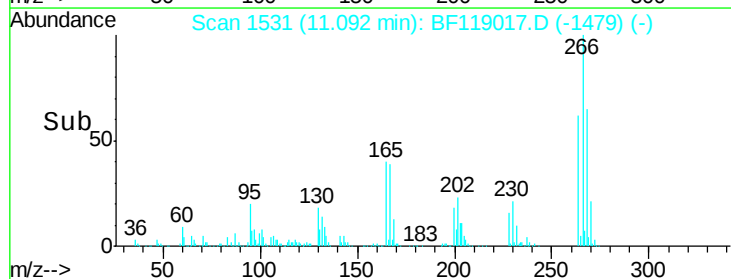
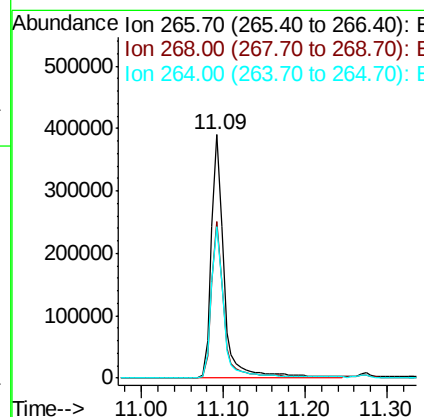
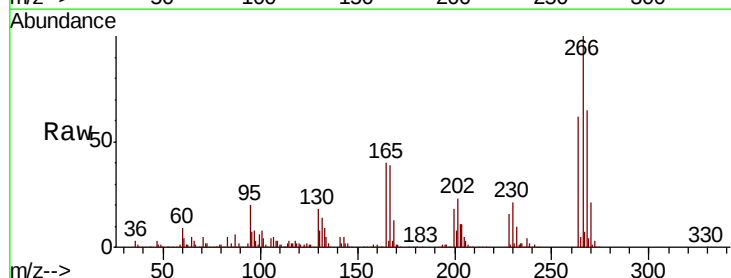
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#70
Pentachlorophenol
Concen: 101.442 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.4	77.0
264	62.4	49.5	74.3





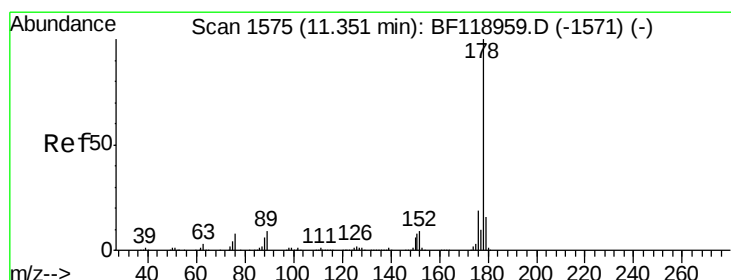
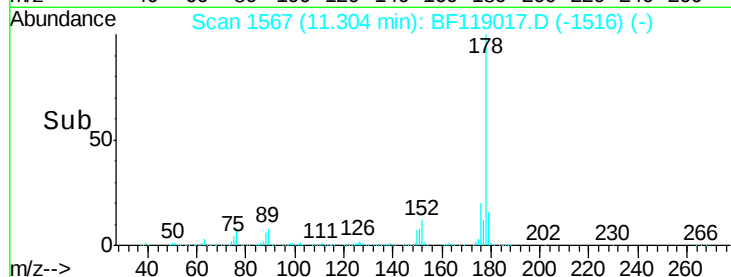
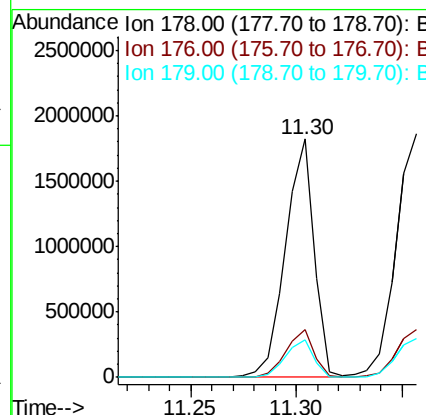
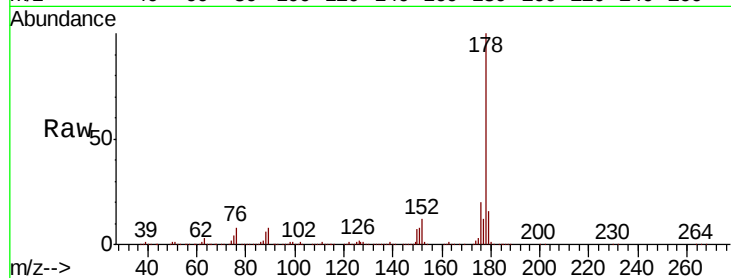
#71
Phenanthrene
Concen: 45.746 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion:178 Resp: 1733837
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 15.9 12.6 18.8

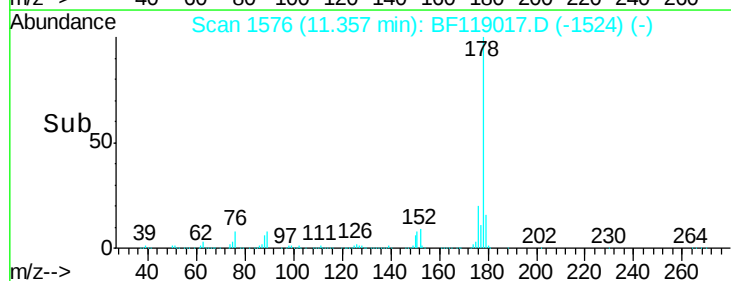
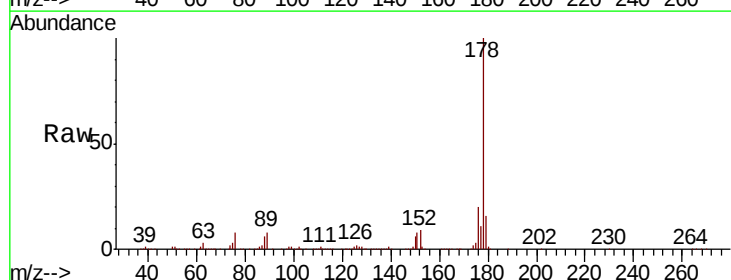
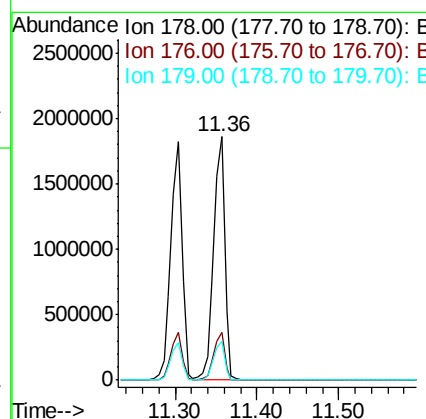
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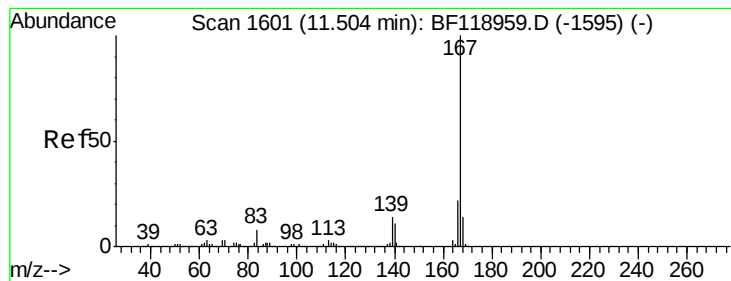
mohammad
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#72
Anthracene
Concen: 46.494 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:178 Resp: 1760719
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.8 19.2





#73

Carbazole

Concen: 45.850 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:167 Resp: 1546867

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

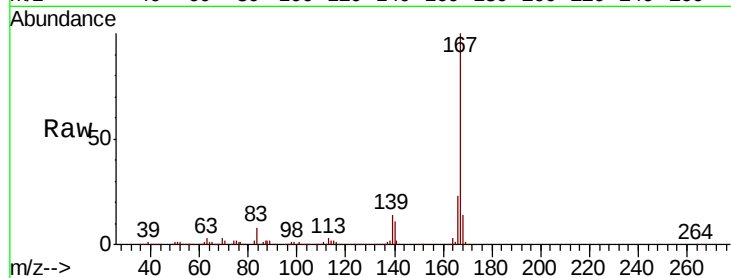
139 14.0 11.2 16.8

Manual Integrations

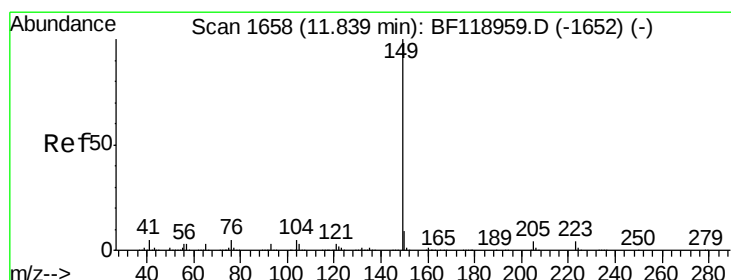
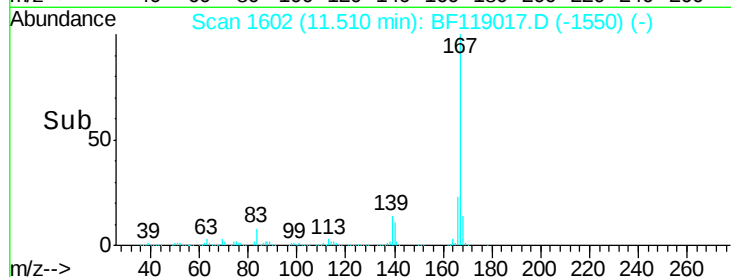
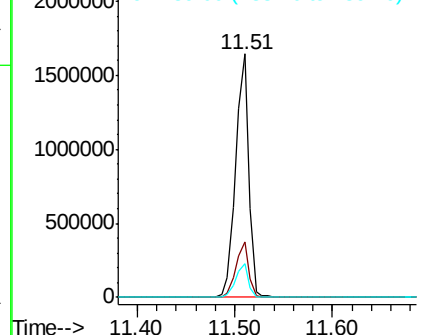
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.649 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

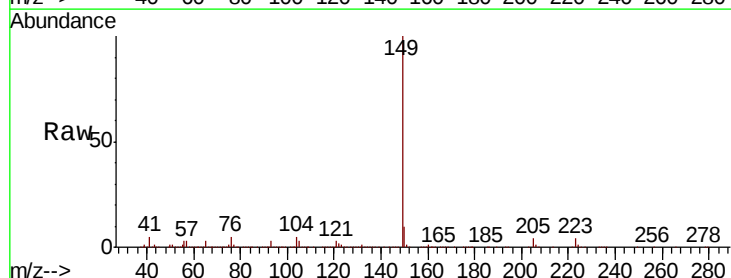
Tgt Ion:149 Resp: 1865053

Ion Ratio Lower Upper

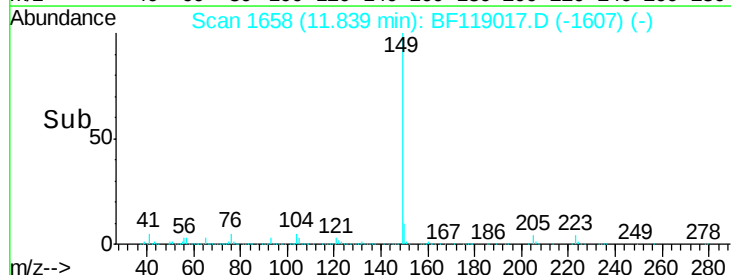
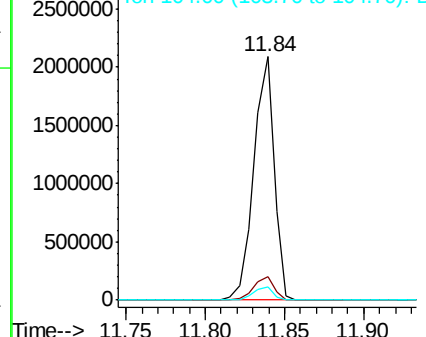
149 100

150 9.8 7.5 11.3

104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





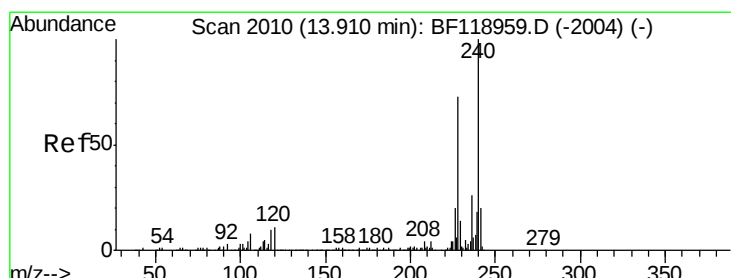
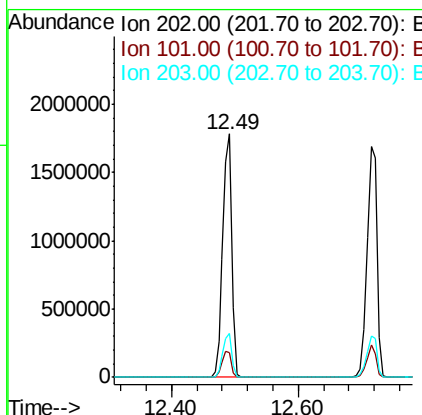
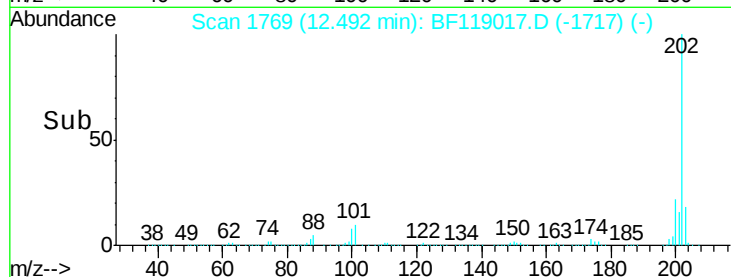
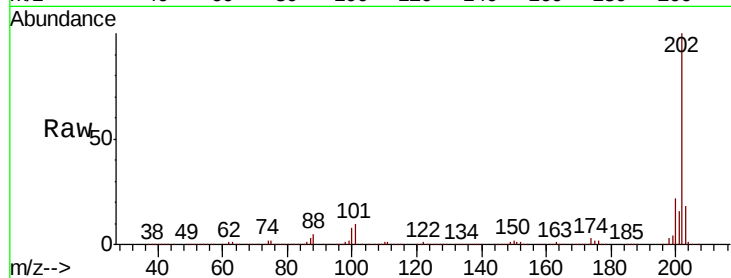
#75
 Fluoranthene
 Concen: 44.952 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1808461		
101	10.2		0.0	31.1
203	18.2		0.0	38.1

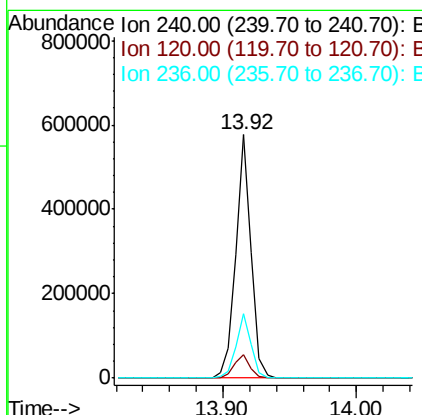
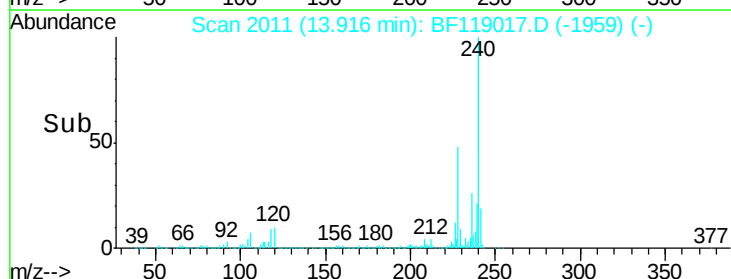
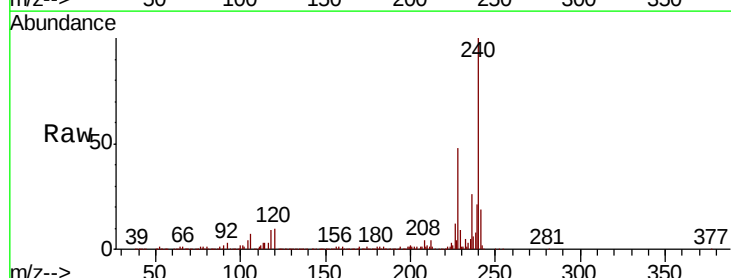
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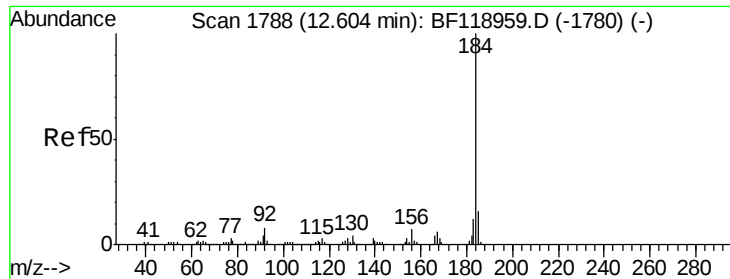
mohammad
 2/25/2020 4:19:06 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	463376		
120	9.7		8.9	13.3
236	26.2		20.6	30.8





#77

Benzidine

Concen: 14.898 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

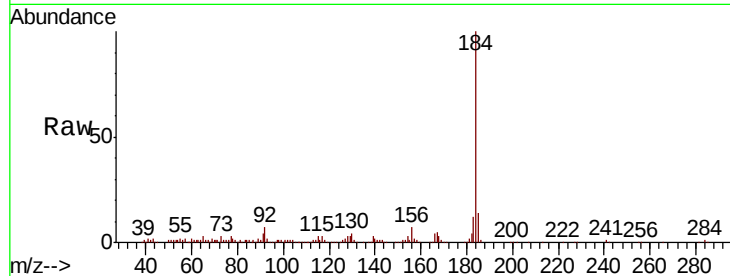
ClientSampleId :

BU-03-021820MS

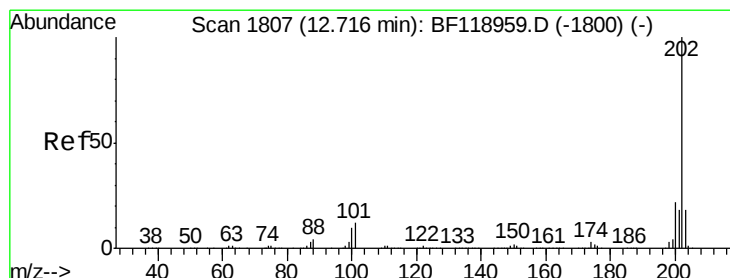
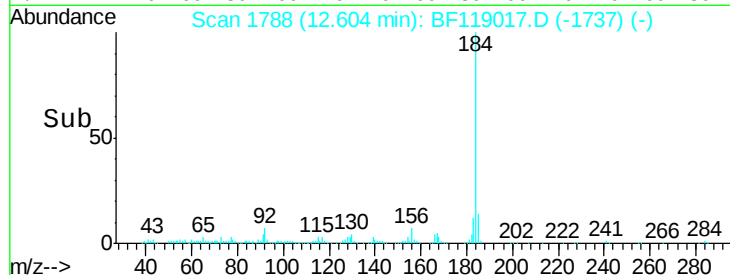
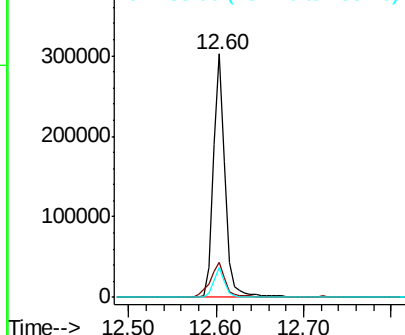
Tot Ion:	184	Resp:	280746
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	19.0
183	12.1	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.097 ng

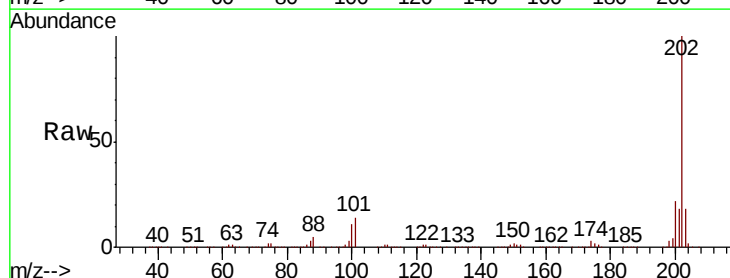
RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

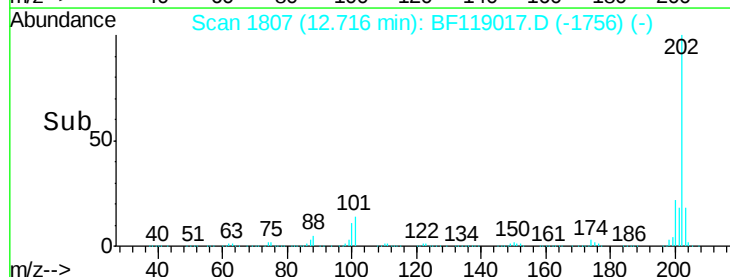
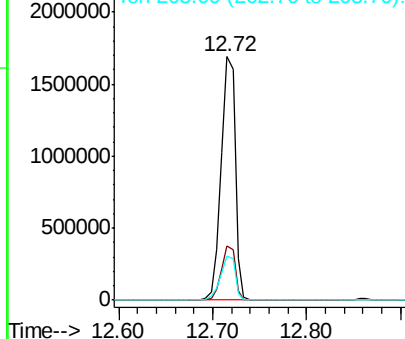
Lab File: BF119017.D

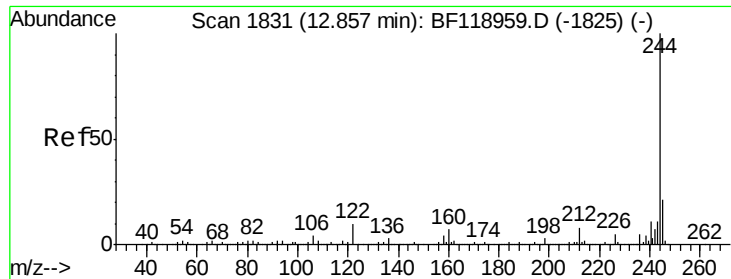
Acq: 24 Feb 2020 11:57

Tgt Ion:	202	Resp:	1789633
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.0
203	18.2	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





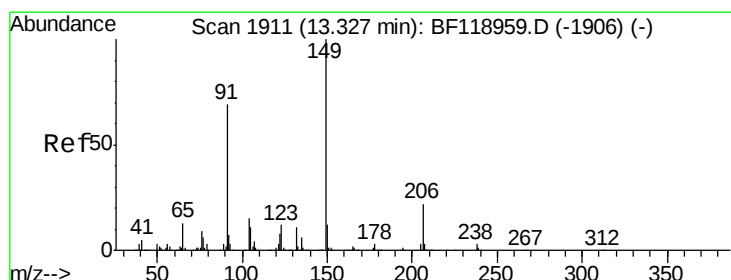
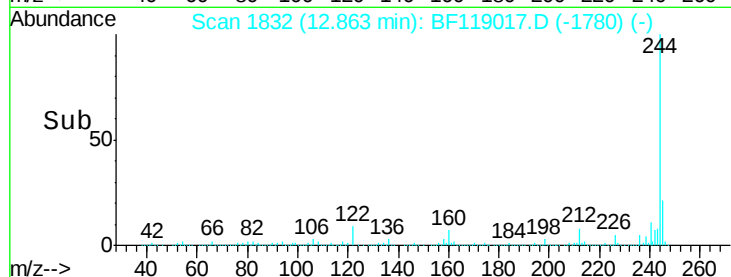
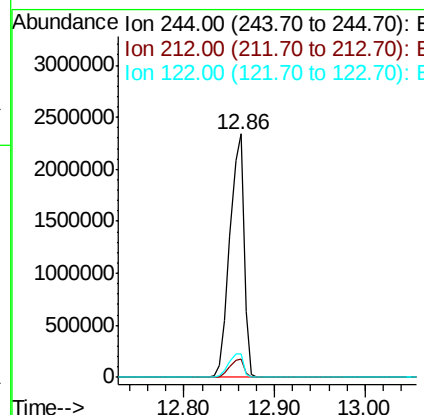
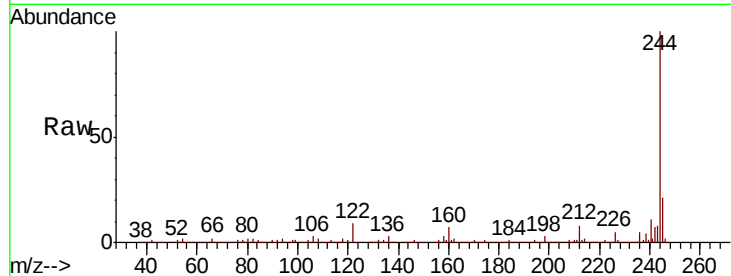
#79
 Terphenyl-d14
 Concen: 94.049 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021820MS

Tot Ion:244 Resp: 2531253
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 9.4 8.4 12.6

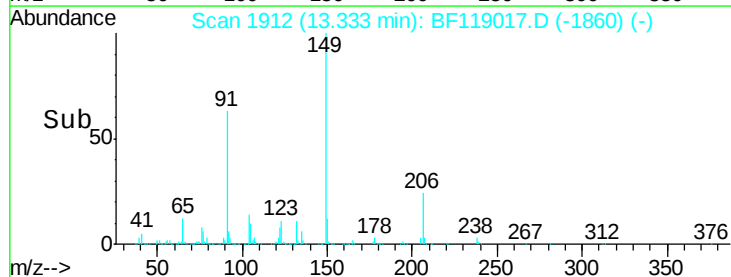
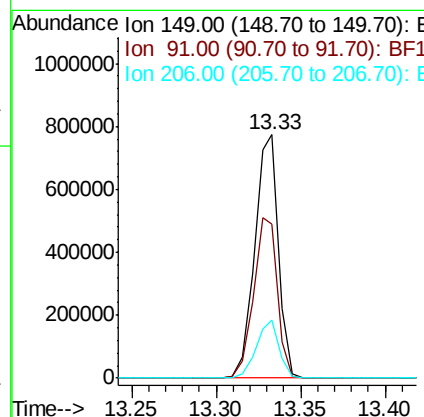
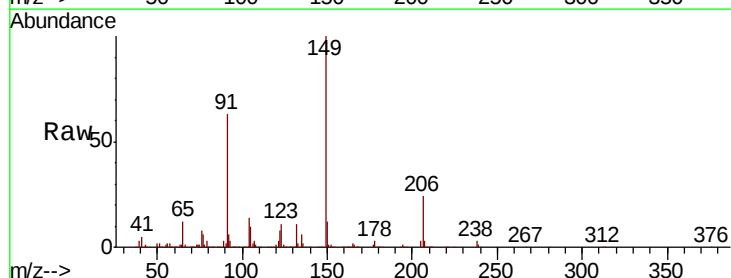
Manual Integrations
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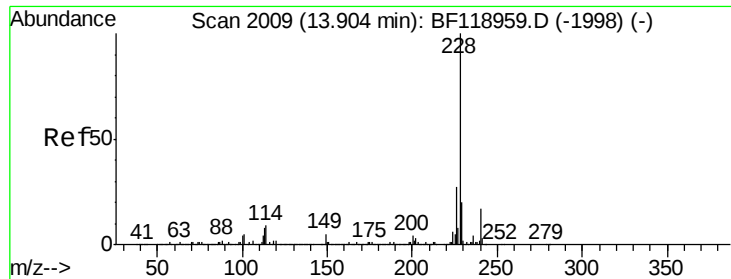
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.330 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion:149 Resp: 756843
 Ion Ratio Lower Upper
 149 100
 91 63.5 55.4 83.2
 206 23.7 17.7 26.5





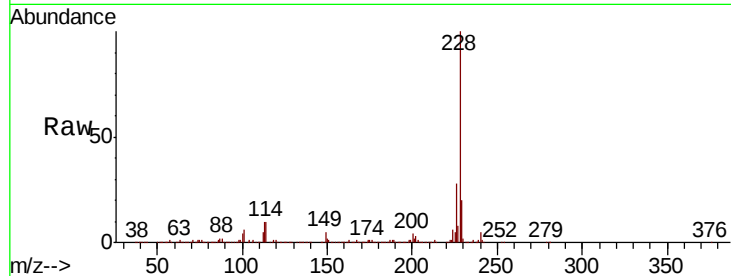
#81
Benzo(a)anthracene
Concen: 47.168 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	16.0	24.0

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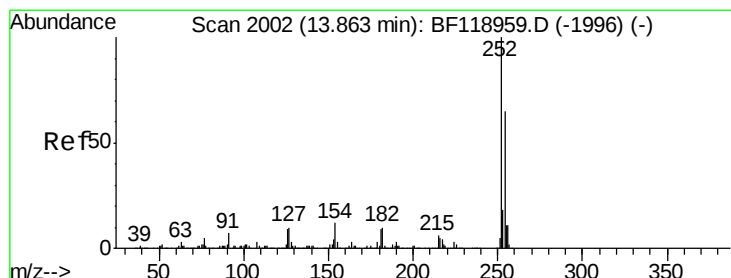
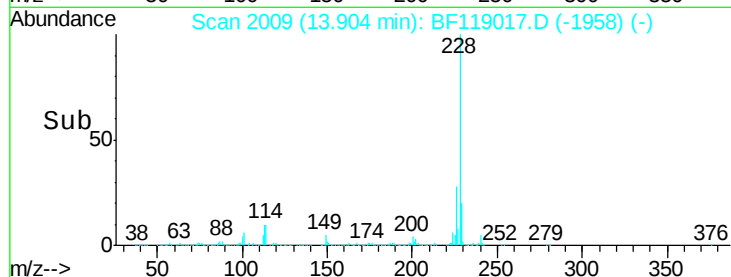
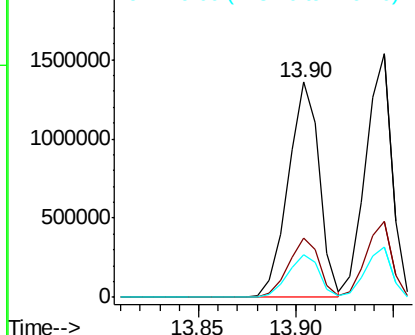


Abundance

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: 22.703 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

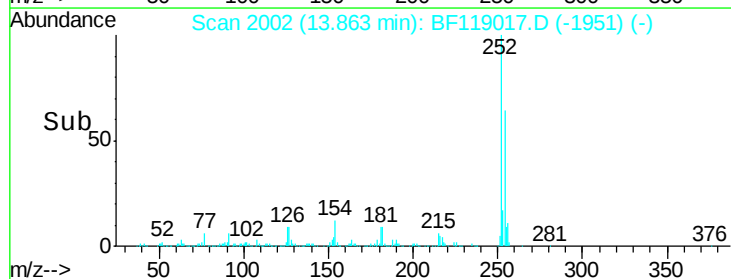
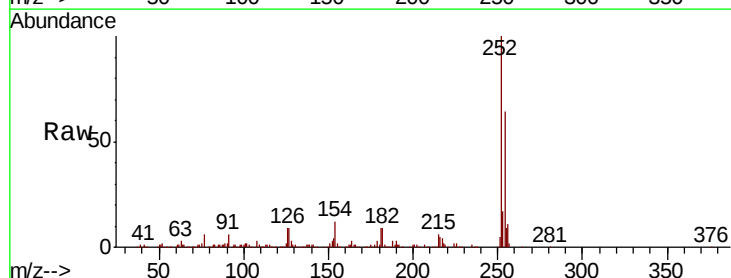
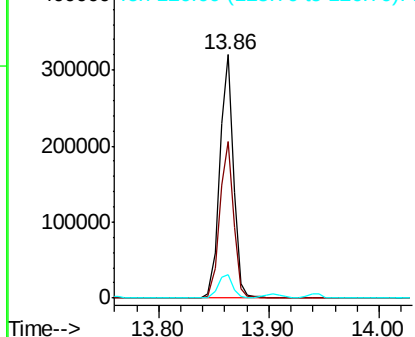
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	9.4	7.3	10.9

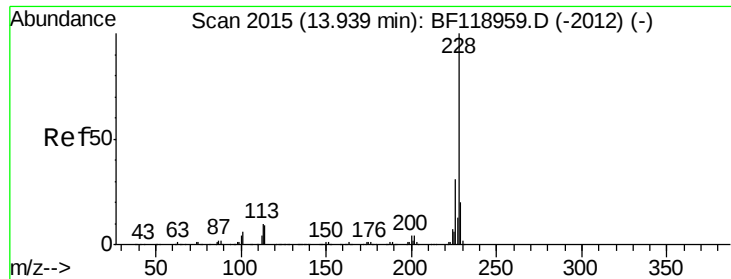
Abundance

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





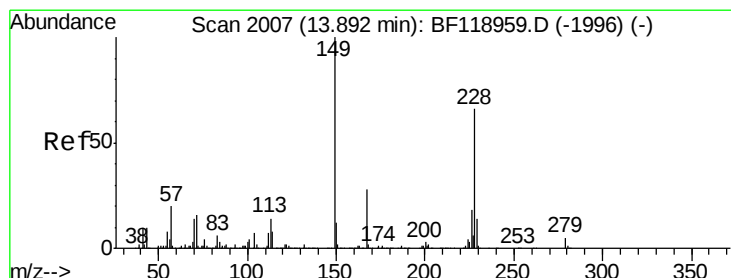
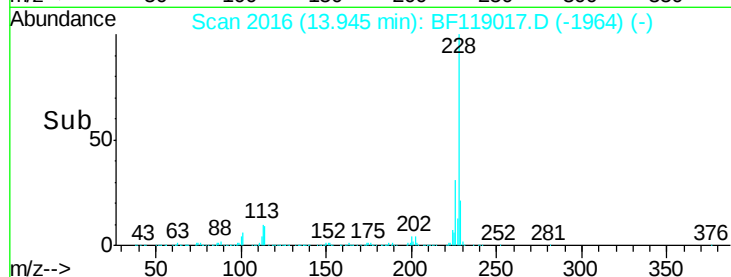
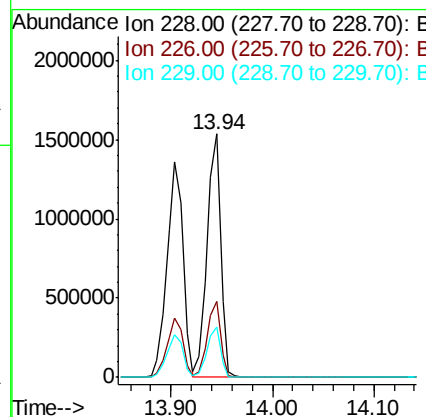
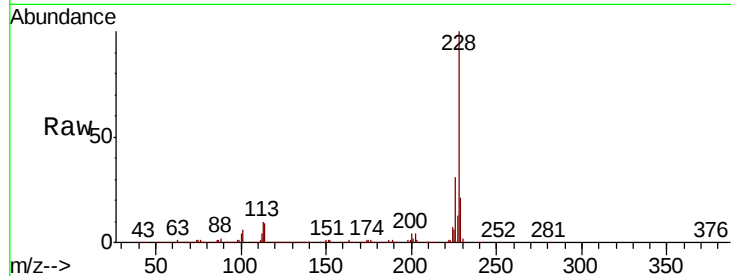
#83
Chrysene
Concen: 45.635 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.6	16.2	24.2

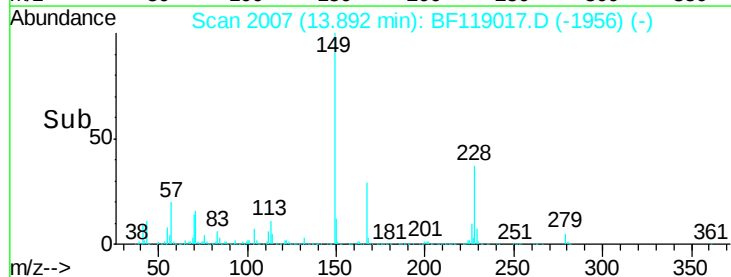
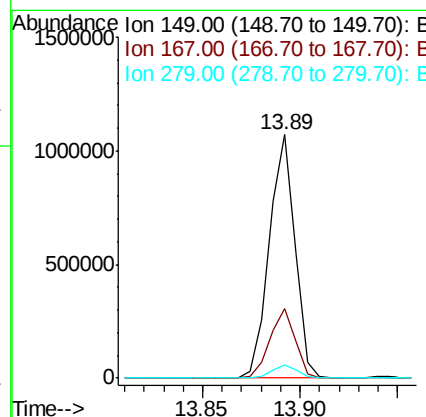
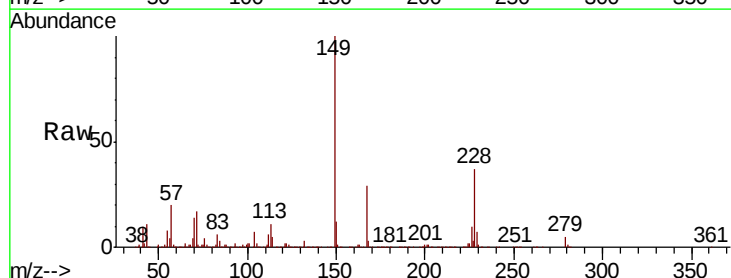
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.348 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	5.4	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 48.799 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:149 Resp: 1538263

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

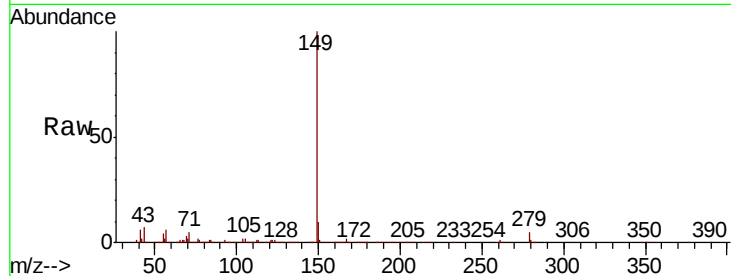
43 6.5 5.2 7.8

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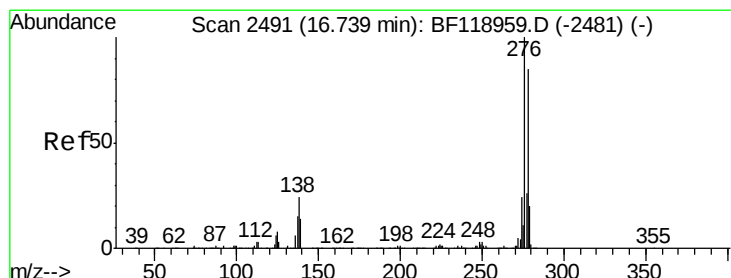
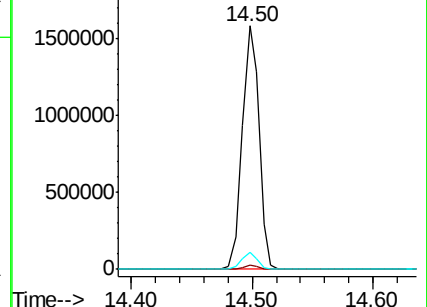
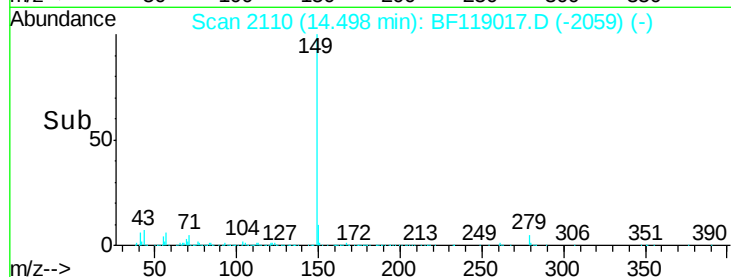
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.414 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

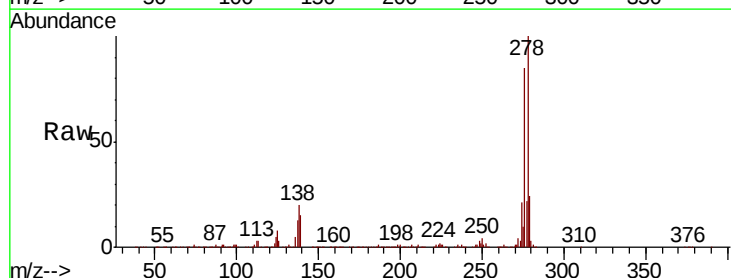
Tgt Ion:276 Resp: 1322453

Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

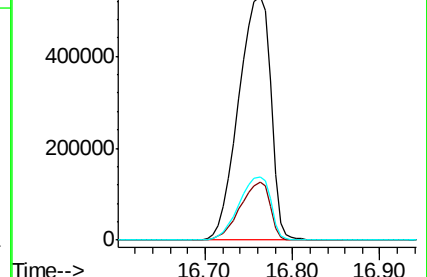
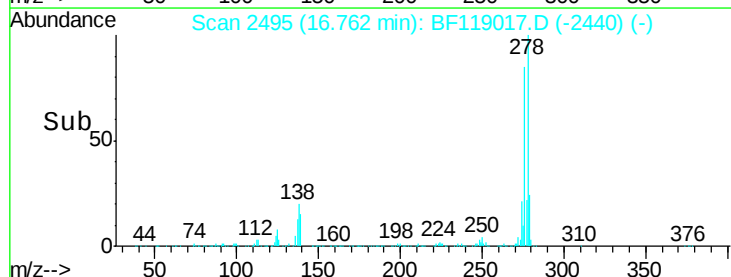
277 25.7 20.3 30.5

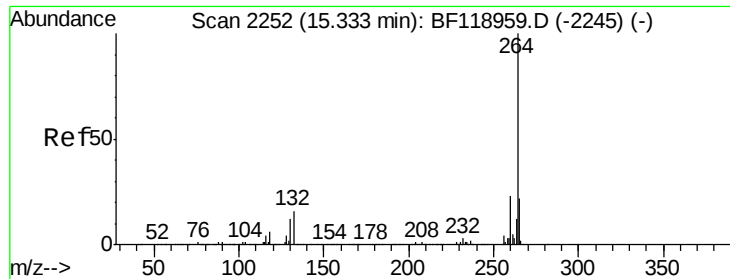


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





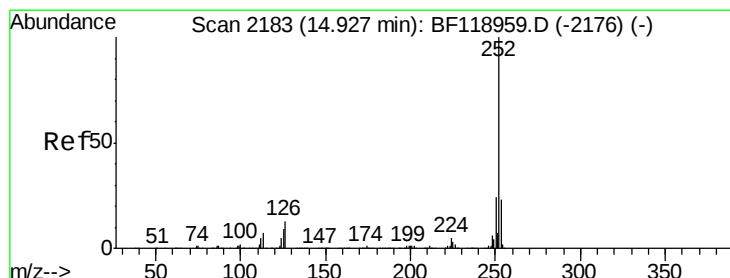
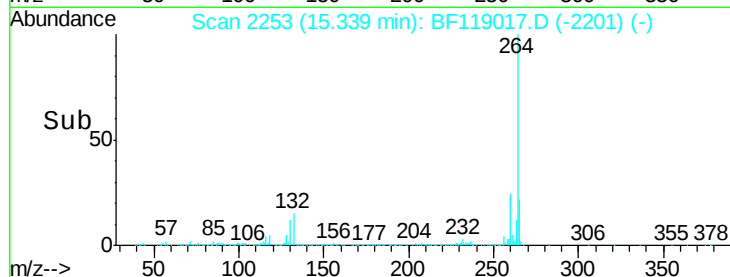
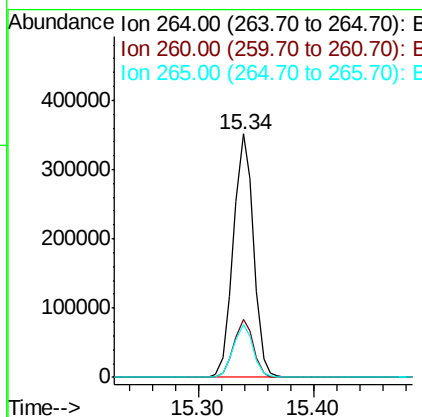
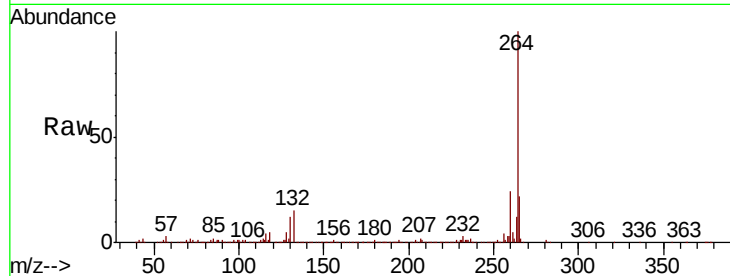
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.3	25.9

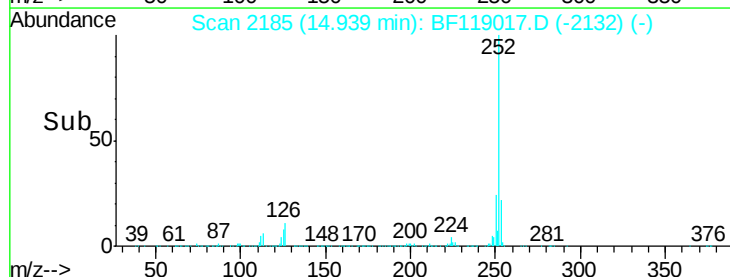
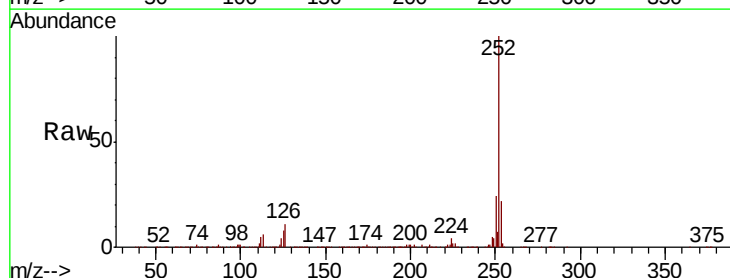
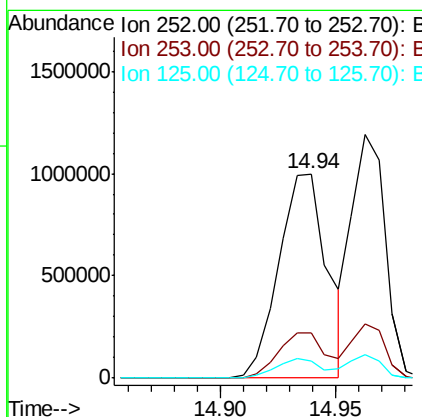
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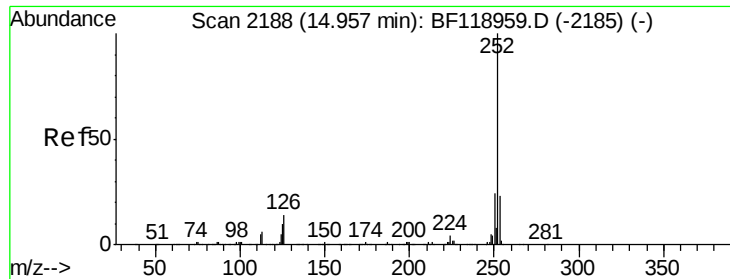
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#88
Benzo(b)fluoranthene
Concen: 51.783 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.4	7.4	11.0





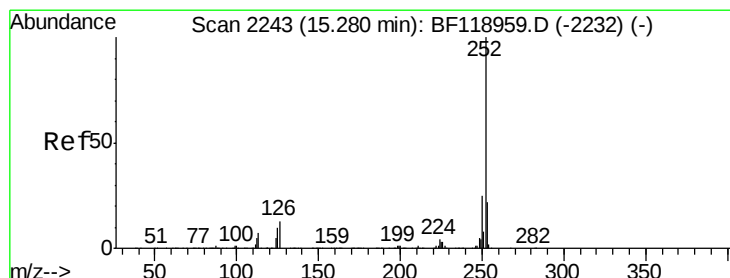
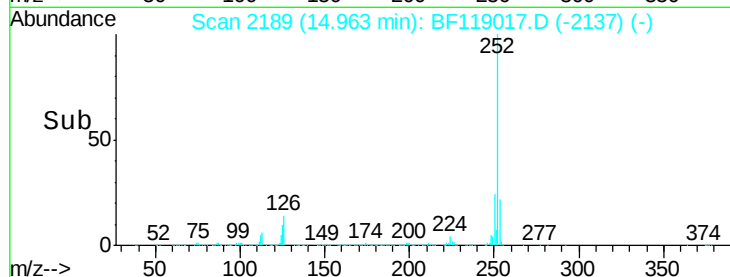
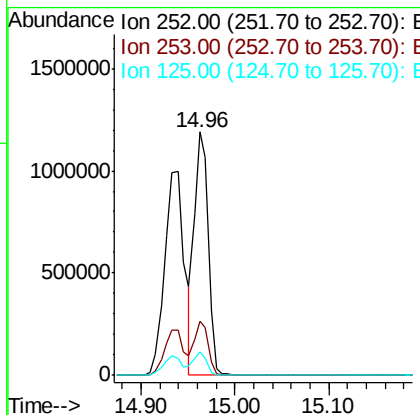
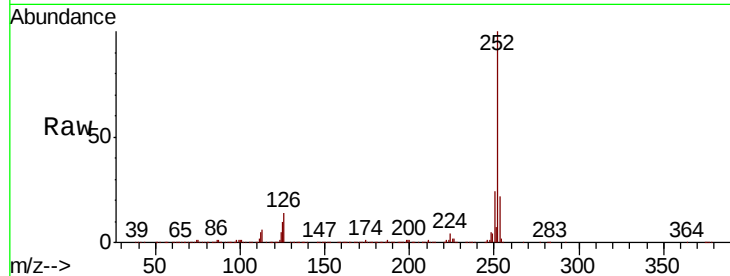
#89
Benzo(k)fluoranthene
Concen: 46.567 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.6	7.3	10.9

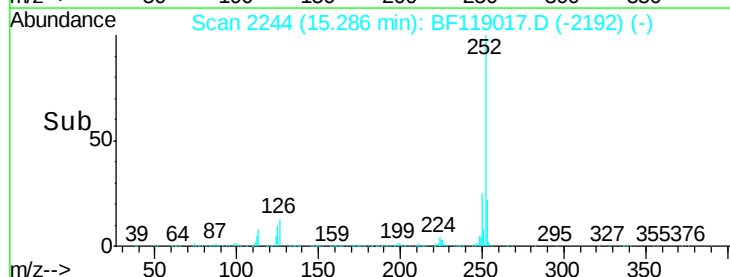
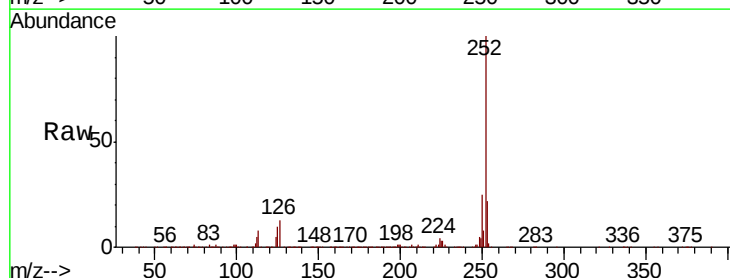
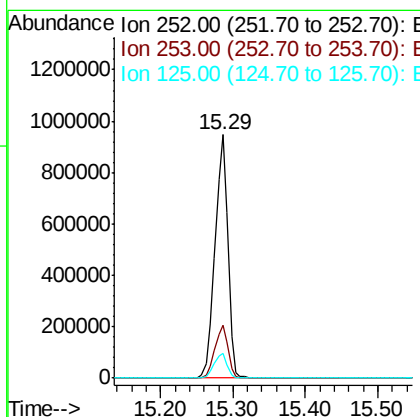
Manual Integrations
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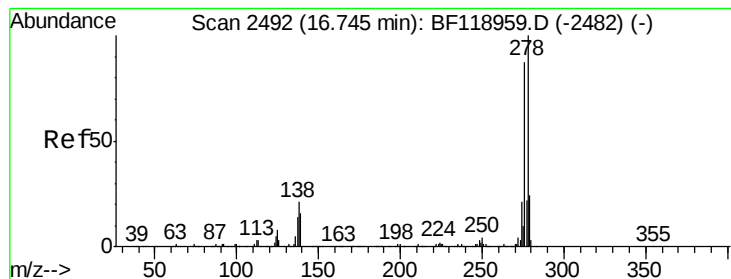
mohammad
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#90
Benzo(a)pyrene
Concen: 46.216 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.0	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 49.647 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

BU-03-021820MS

Tot Ion:278 Resp: 1108173

Ion Ratio Lower Upper

278 100

139 13.5 12.6 18.8

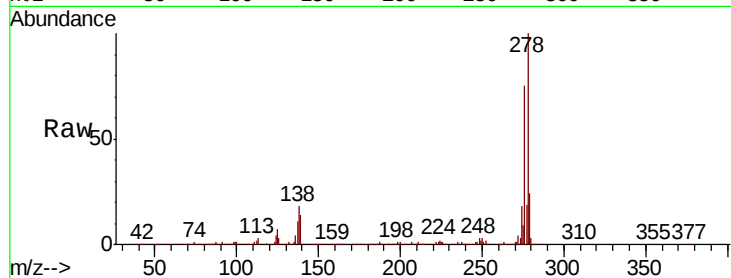
279 23.7 19.0 28.6

Manual Integrations

APPROVED

mohammad

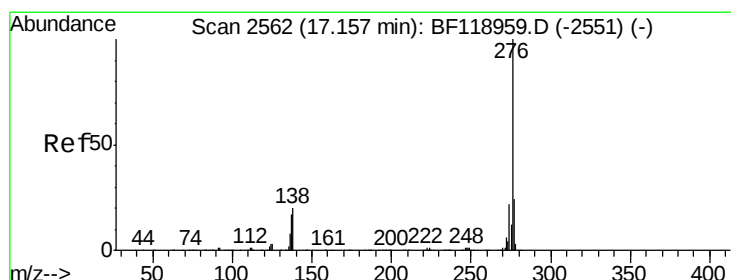
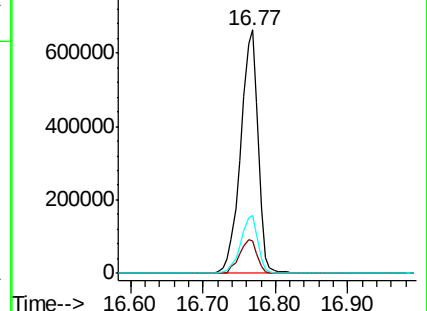
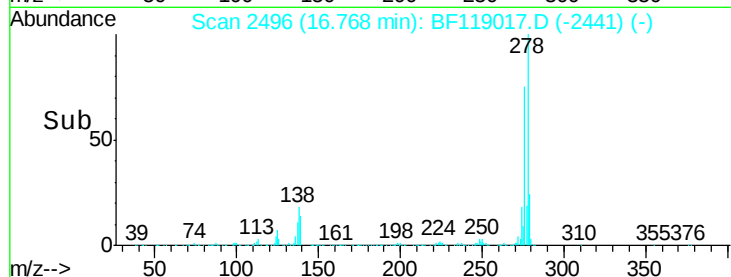
2/25/2020 4:19:06 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.488 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.03 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

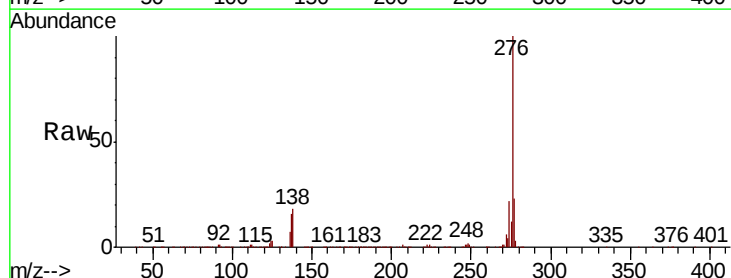
Tgt Ion:276 Resp: 1135531

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 18.1 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

