

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120071.D
 Acq On : 17 Apr 2020 20:44
 Operator : MA/SJ
 Sample : L2198-12MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:22:53 AM

Quant Time: Apr 18 04:42:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163442	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	614312	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278517	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	407644	20.00	ng	0.00
76) Chrysene-d12	13.90	240	262769	20.00	ng	0.00
87) Perylene-d12	15.33	264	219213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	855794	90.49	ng	0.02
7) Phenol-d6	6.38	99	1085138	89.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	676900	57.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	193973	56.88	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1299256	66.23	ng	0.00
79) Terphenyl-d14	12.85	244	925465	59.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	216376	51.367	ng	98
3) Pyridine	3.18	79	621883	53.809	ng	99
4) n-Nitrosodimethylamine	3.14	42	360403	61.034	ng	96
6) Aniline	6.39	93	605501	37.856	ng	# 1
8) 2-Chlorophenol	6.52	128	704493	66.669	ng	97
9) Benzaldehyde	6.27	77	314323	59.221	ng	99
10) Phenol	6.39	94	863179	62.434	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	680556	63.753	ng	99
12) 1,3-Dichlorobenzene	6.67	146	710575	61.422	ng	98
13) 1,4-Dichlorobenzene	6.75	146	715819	60.742	ng	100
14) 1,2-Dichlorobenzene	6.90	146	665922	61.315	ng	97
15) Benzyl Alcohol	6.88	79	564629	59.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1153733	55.541	ng	86
17) 2-Methylphenol	7.00	107	550418	58.367	ng	93
18) Hexachloroethane	7.24	117	244850	55.595	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	487444	62.202	ng	98
20) 3+4-Methylphenols	7.16	107	674128	58.450	ng	# 73
22) Acetophenone	7.15	105	921913	64.087	ng	# 96
24) Nitrobenzene	7.32	77	720360	60.305	ng	97
25) Isophorone	7.56	82	1343692	58.701	ng	99
26) 2-Nitrophenol	7.63	139	302989	50.770	ng	99
27) 2,4-Dimethylphenol	7.68	122	562394	62.483	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	864638	64.191	ng	99
29) 2,4-Dichlorophenol	7.88	162	538204	58.336	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	602749	57.659	ng	100
31) Naphthalene	8.04	128	1881680	58.219	ng	99
32) Benzoic acid	7.82	122	246381	31.168	ng	99
33) 4-Chloroaniline	8.09	127	279198	19.843	ng	99
34) Hexachlorobutadiene	8.16	225	351834	56.224	ng	99
35) Caprolactam	8.49	113	153459m	54.376	ng	
36) 4-Chloro-3-methylphenol	8.59	107	549400	55.003	ng	95
37) 2-Methylnaphthalene	8.73	142	1251130	57.097	ng	98
38) 1-Methylnaphthalene	8.83	142	1172294	56.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	549852	62.506	ng	99

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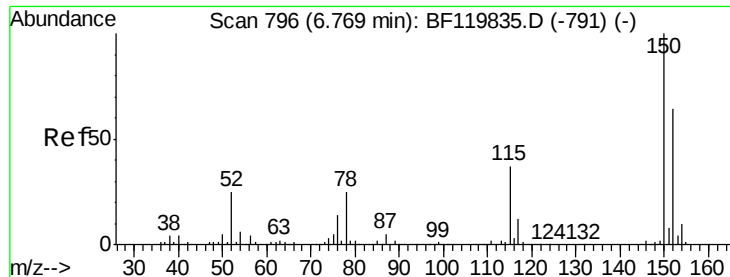
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	149894	29.966	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	357069	58.781	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	339839	49.671	nq	97
46) 1,1'-Biphenyl	9.20	154	1447265	61.564	nq	97
47) 2-Chloronaphthalene	9.22	162	1105883	61.066	nq	97
48) 2-Nitroaniline	9.32	65	389461	59.345	nq	97
49) Acenaphthylene	9.64	152	1614967	58.638	nq	99
50) Dimethylphthalate	9.51	163	1549530	71.928	nq	98
51) 2,6-Dinitrotoluene	9.57	165	263824	55.924	nq	89
52) Acenaphthene	9.81	154	1002412m	54.562	nq	
53) 3-Nitroaniline	9.73	138	229472	42.590	nq	96
54) 2,4-Dinitrophenol	9.84	184	32176	11.392	nq	91
55) Dibenzofuran	9.98	168	1442718	57.226	nq	98
56) 4-Nitrophenol	9.91	139	302535	75.467	nq	92
57) 2,4-Dinitrotoluene	9.97	165	311012	50.039	nq	93
58) Fluorene	10.33	166	1057885	52.468	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	243608	46.555	nq	98
60) Diethylphthalate	10.20	149	1335098	59.795	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	544542	52.695	nq	96
62) 4-Nitroaniline	10.35	138	261909	51.008	nq	99
63) Azobenzene	10.47	77	1140205	56.982	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	28152	10.483	nq	99
66) n-Nitrosodiphenylamine	10.44	169	983438	72.540	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	317236	62.578	nq	95
68) Hexachlorobenzene	10.87	284	310266	60.331	nq	98
69) Atrazine	10.97	200	251775	66.748	nq	96
70) Pentachlorophenol	11.07	266	237645	80.186	nq	98
71) Phenanthrene	11.29	178	1307156	60.251	nq	99
72) Anthracene	11.34	178	1325393	59.802	nq	99
73) Carbazole	11.49	167	1175533	56.088	nq	99
74) Di-n-butylphthalate	11.83	149	1807874	65.616	nq	100
75) Fluoranthene	12.47	202	1247397	53.287	nq	98
77) Benzidine	12.59	184	427681	48.150	nq	96
78) Pyrene	12.70	202	1243020	56.113	nq	99
80) Butylbenzylphthalate	13.32	149	599995	55.819	nq	97
81) Benzo(a)anthracene	13.89	228	1056547	61.119	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	325227	50.423	nq	98
83) Chrysene	13.93	228	1046636	59.587	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	847719	58.238	nq	# 98
85) Di-n-octyl phthalate	14.50	149	1455156	58.713	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	814088	52.579	nq	97
88) Benzo(b)fluoranthene	14.92	252	951027	60.307	nq	99
89) Benzo(k)fluoranthene	14.95	252	946395	69.555	nq	98
90) Benzo(a)pyrene	15.27	252	802954	60.559	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	693202	59.022	nq	99
92) Benzo(g,h,i)perylene	17.15	276	650431	56.104	nq	97

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



#1

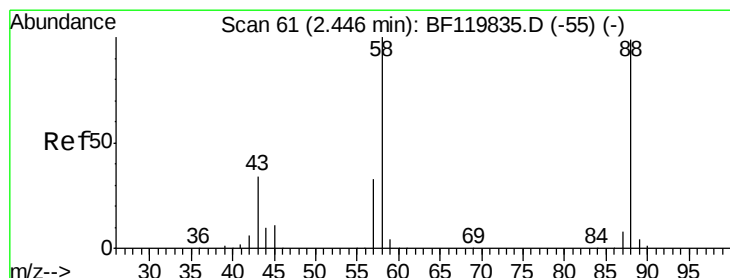
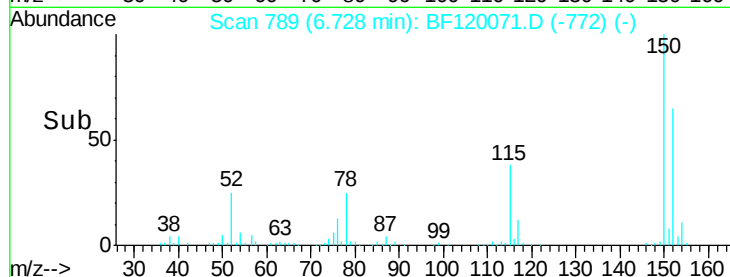
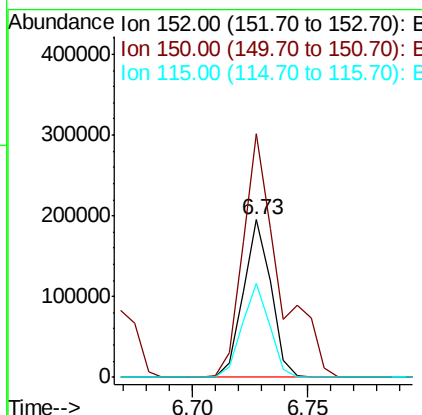
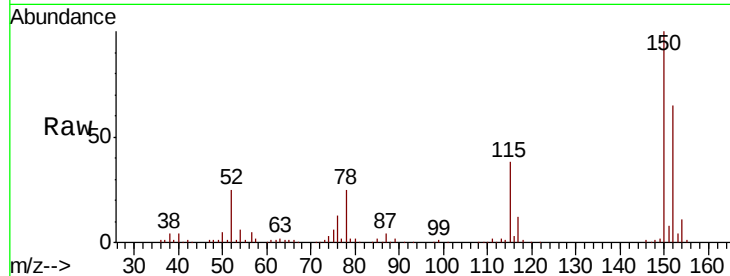
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	59.4	46.5	69.7

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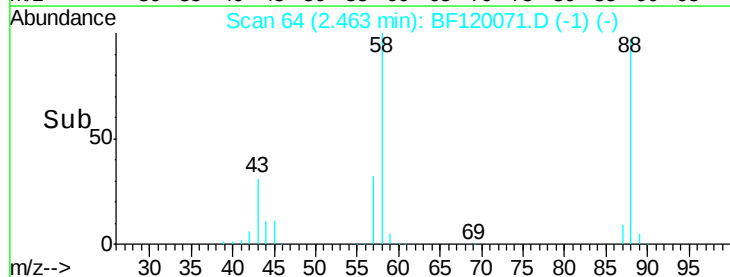
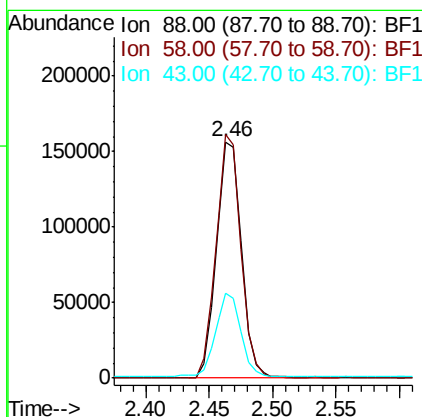
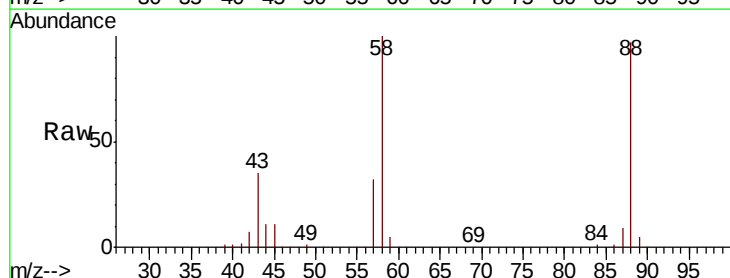
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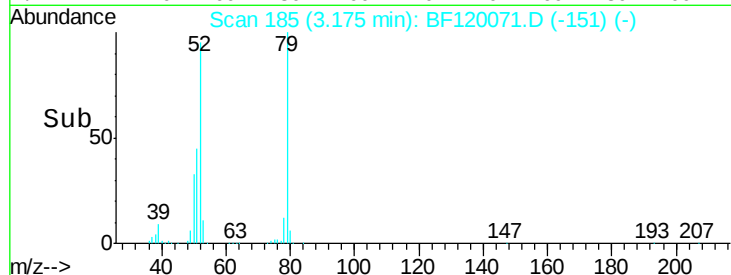
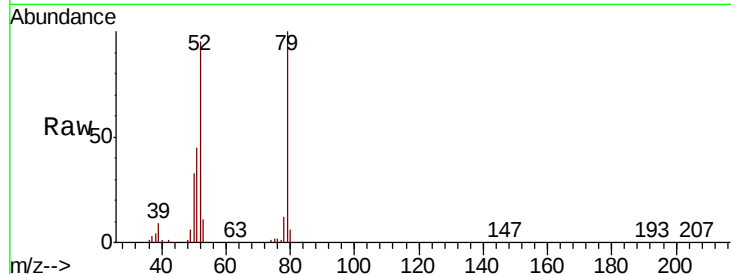
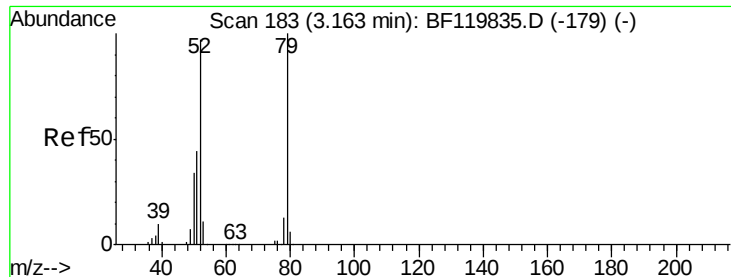


#2

1,4-Dioxane
Concen: 51.367 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	82.6	123.8
43	35.1	28.6	42.8





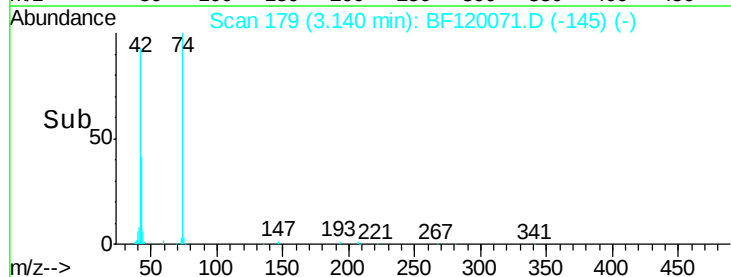
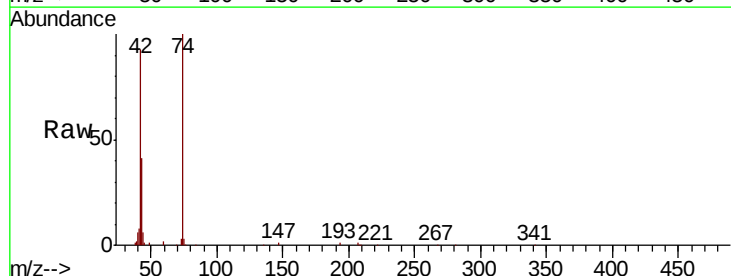
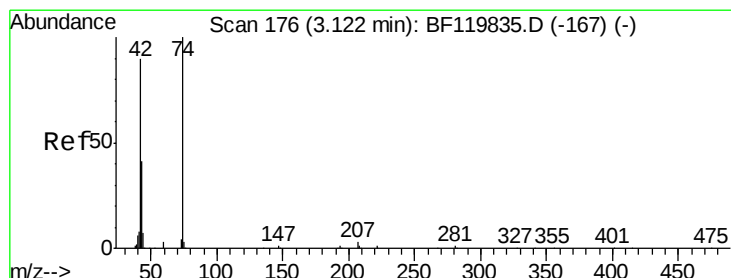
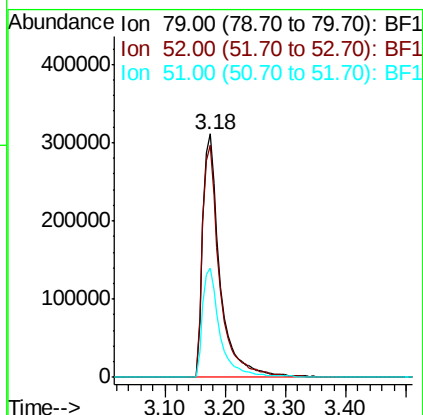
#3
 Pvridine
 Concen: 53.809 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.10 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.2	77.4	116.0
51	44.8	35.3	52.9

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

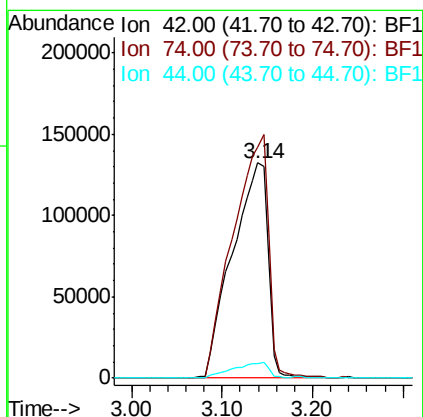
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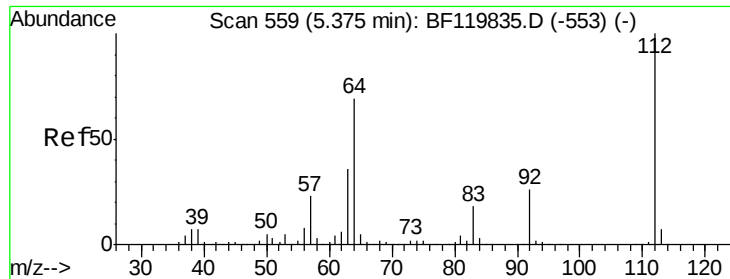
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#4
 n-Nitrosodimethylamine
 Concen: 61.034 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.10 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.4	89.0	133.4
44	6.5	6.2	9.4





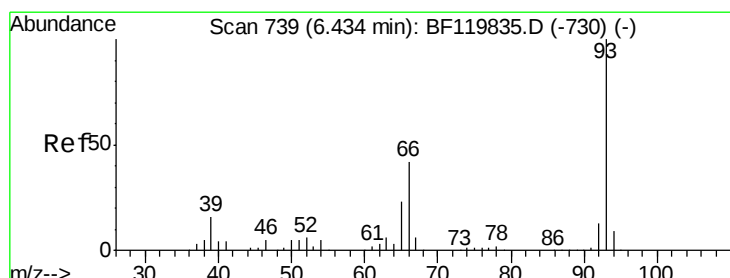
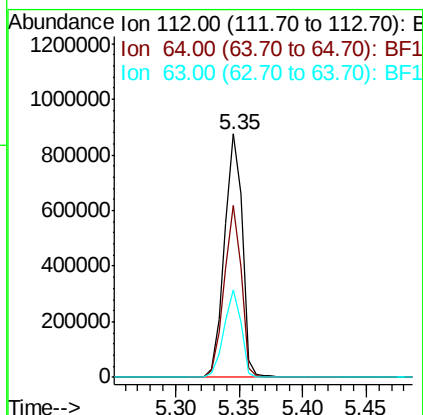
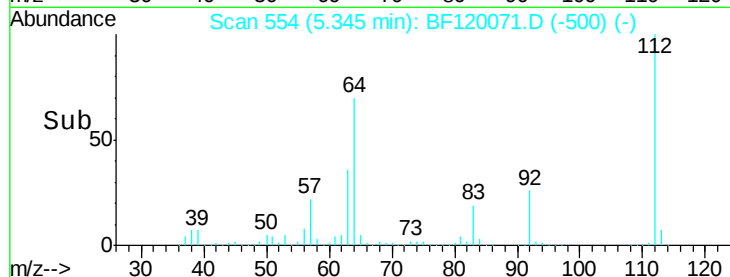
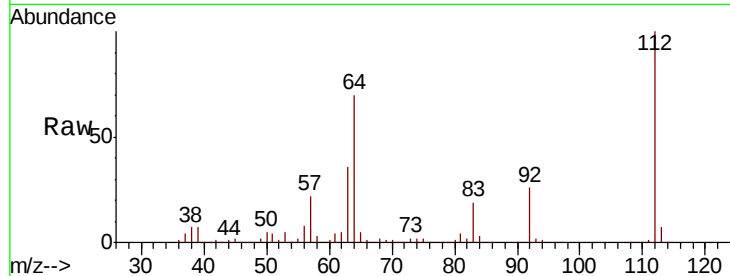
#5
2-Fluorophenol
Concen: 90.489 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:	112	Resp:	855794
Ion Ratio	Lower	Upper	
112	100		
64	70.4	55.5	83.3
63	35.8	29.1	43.7

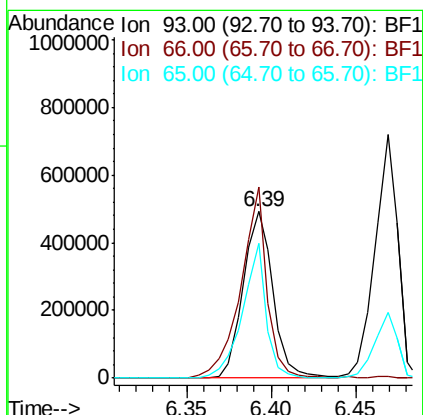
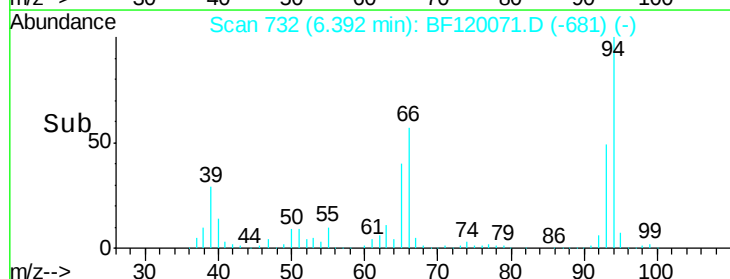
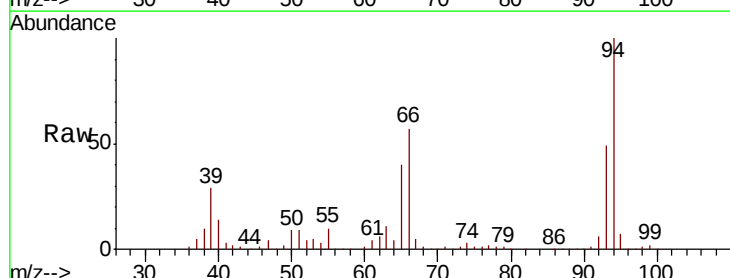
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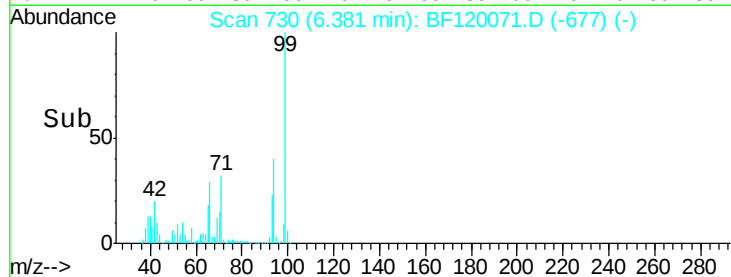
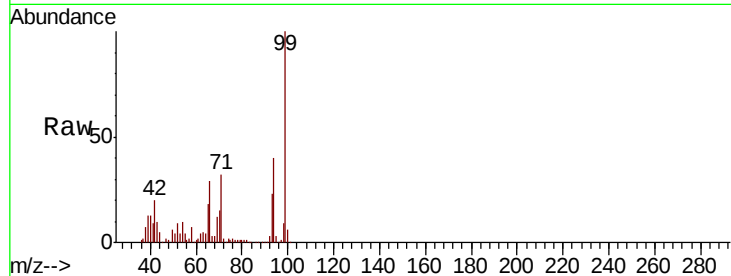
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#6
Aniline
Concen: 37.856 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:	93	Resp:	605501
Ion Ratio	Lower	Upper	
93	100		
66	115.0	34.2	51.2#
65	80.8	18.3	27.5#





#7

Phenol-d6

Concen: 89.045 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tot Ion:	99	Resp:	1085138
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.9	25.3
71	31.8	26.3	39.5

Instrument :

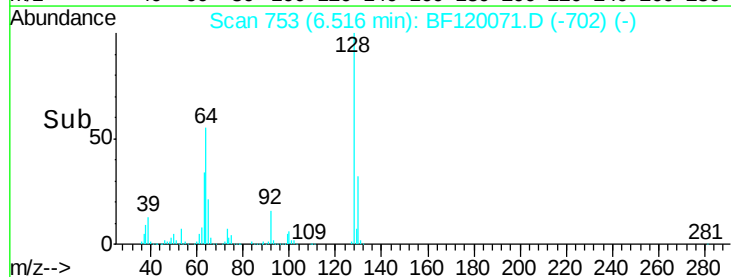
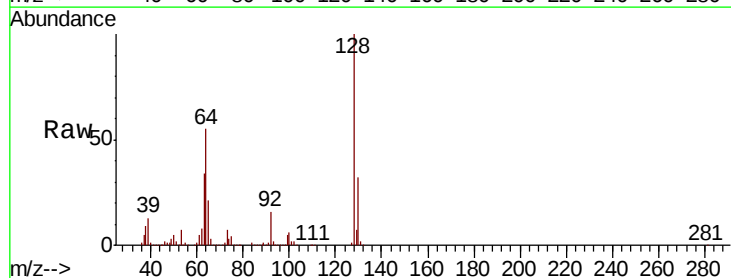
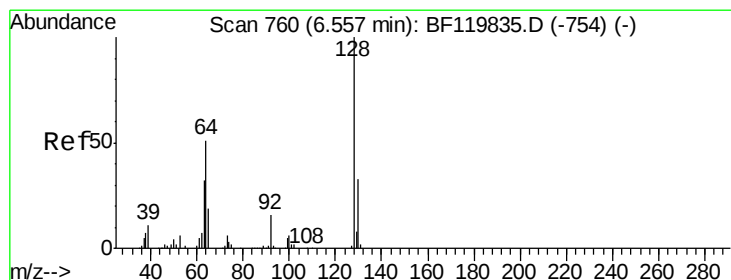
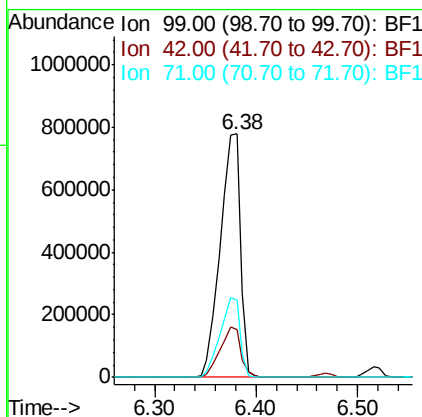
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#8

2-Chlorophenol

Concen: 66.669 ng

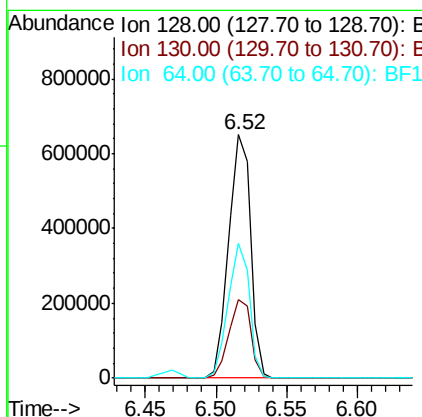
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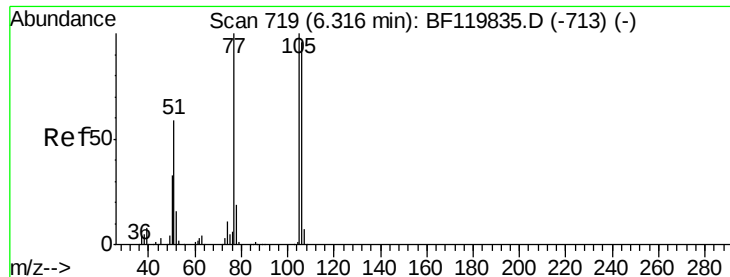
Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:	128	Resp:	704493
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	55.2	32.0	72.0





#9

Benzaldehyde

Concen: 59.221 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

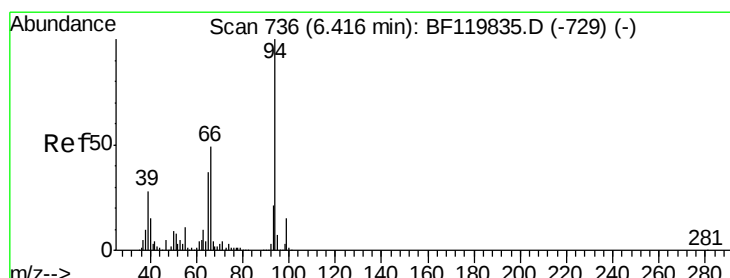
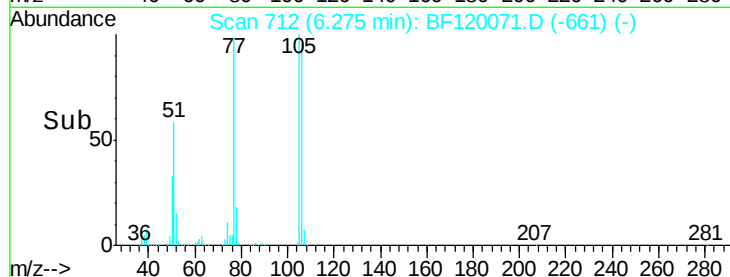
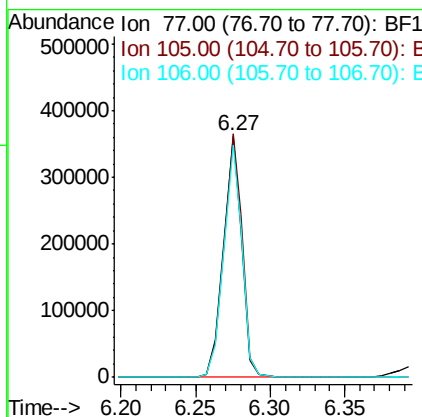
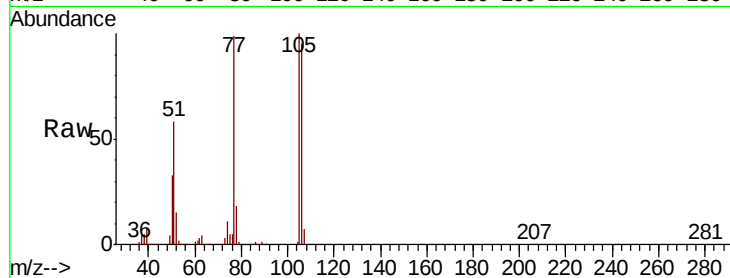
ClientSampleId :

TP-42-41-COMPMSSD

Tot Ion:	77	Resp:	314323
Ion	Ratio	Lower	Upper
77	100		
105	101.0	79.9	119.9
106	96.0	76.4	116.4

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#10

Phenol

Concen: 62.434 ng

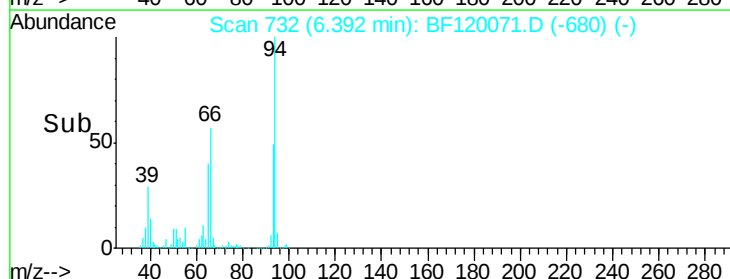
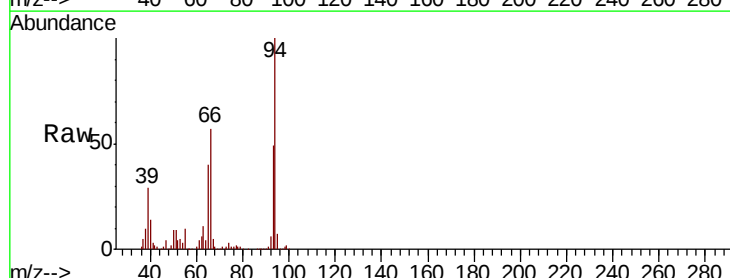
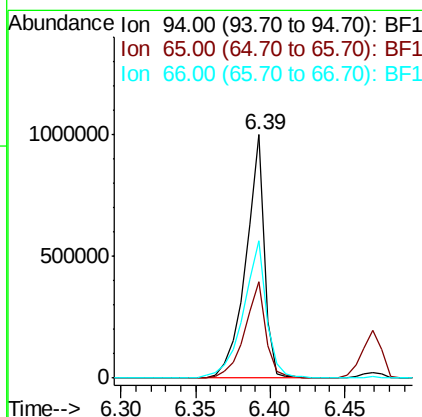
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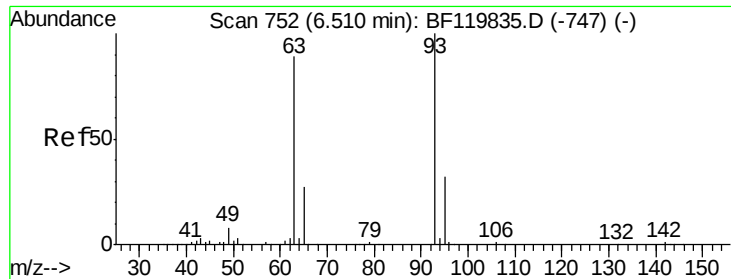
Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:	94	Resp:	863179
Ion	Ratio	Lower	Upper
94	100		
65	39.8	16.6	56.6
66	56.6	29.3	69.3





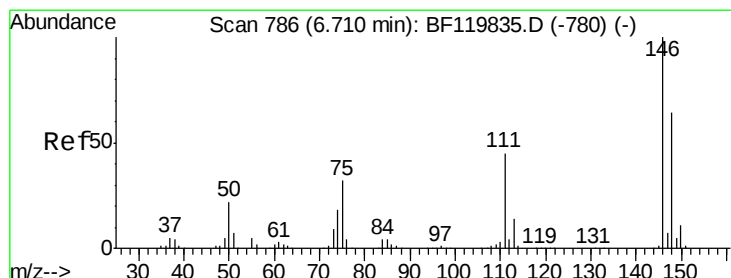
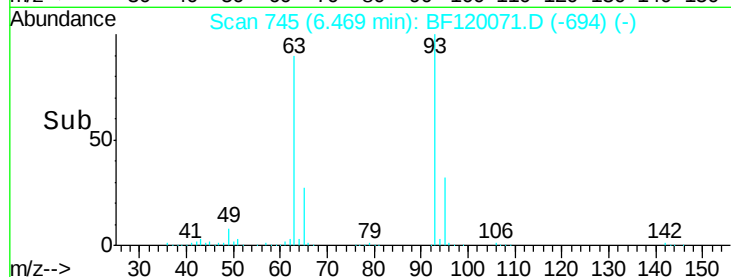
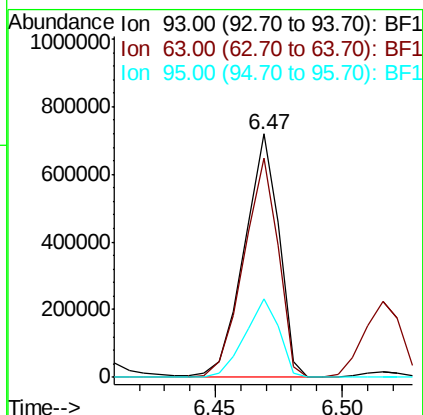
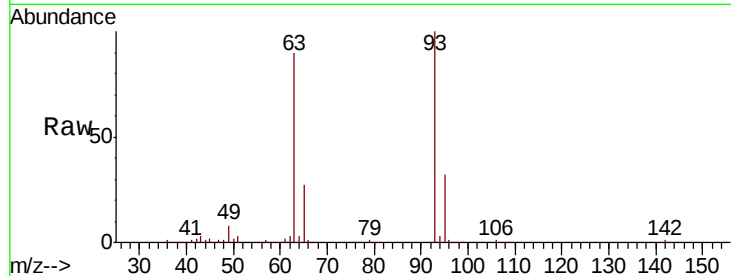
#11
bis(2-Chloroethyl)ether
Concen: 63.753 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		680556		
63	90.3	69.1	109.1		
95	32.3	12.3	52.3		

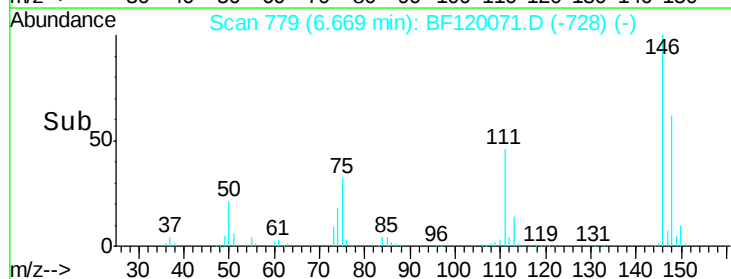
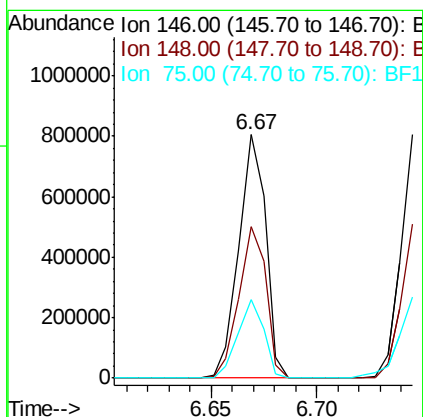
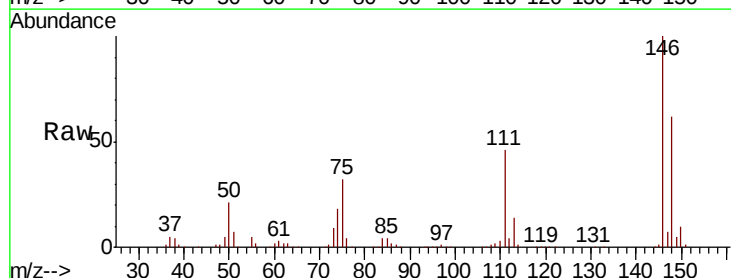
Manual Integrations
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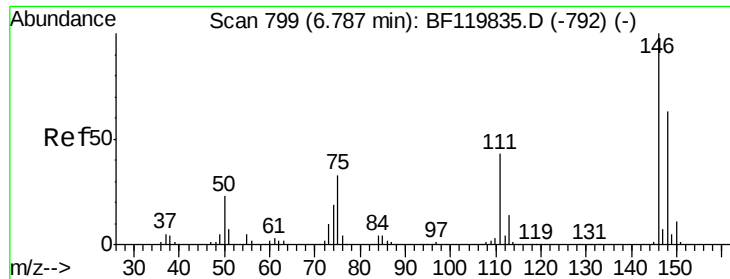
mohammad
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#12
1,3-Dichlorobenzene
Concen: 61.422 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		710575		
148	62.4	51.3	76.9		
75	32.4	25.3	37.9		





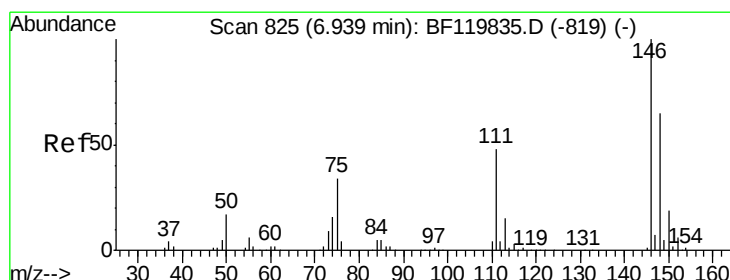
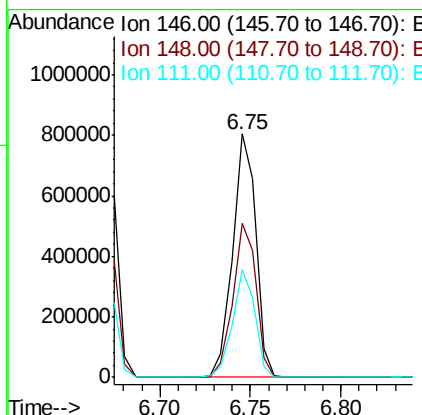
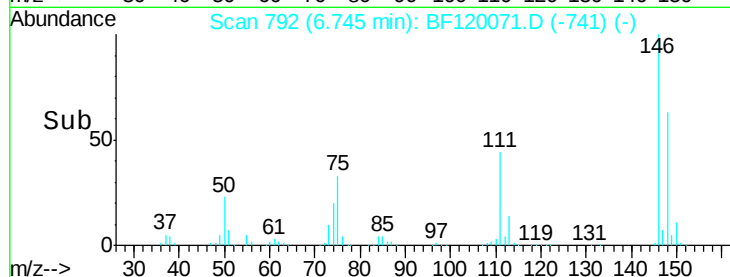
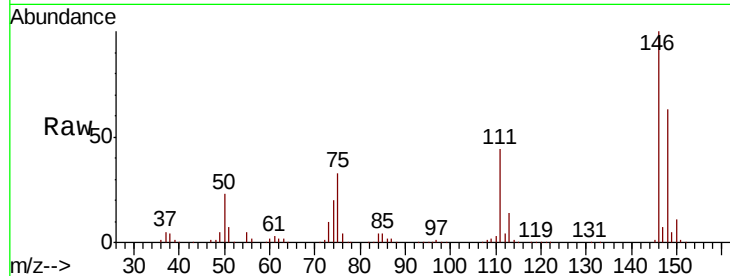
#13
 1,4-Dichlorobenzene
 Concen: 60.742 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	44.2	34.7	52.1

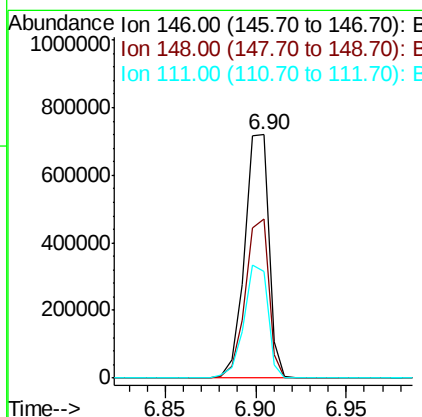
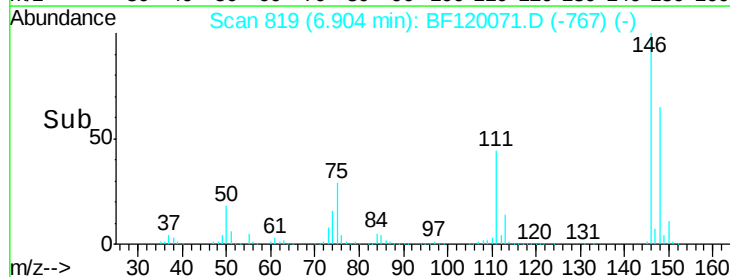
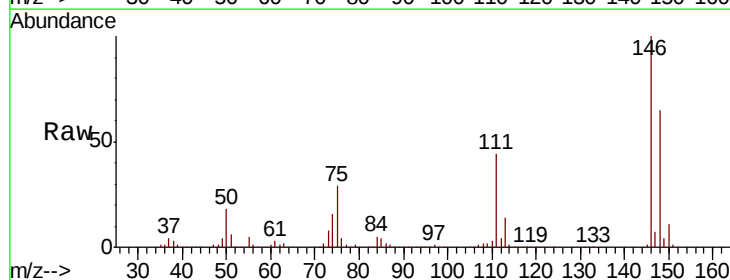
Manual Integrations
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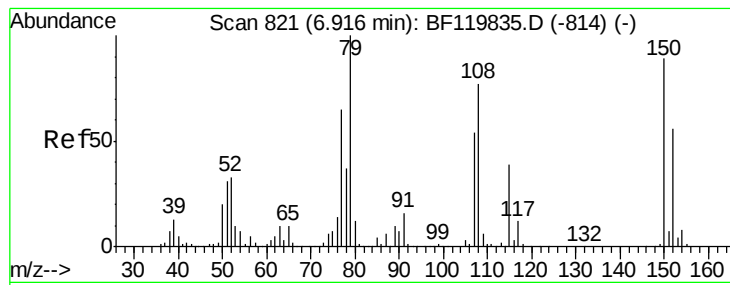
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 61.315 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
111	43.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 59.653 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion: 79 Resp: 564629

Ion Ratio Lower Upper

79 100

108 77.2 62.0 93.0

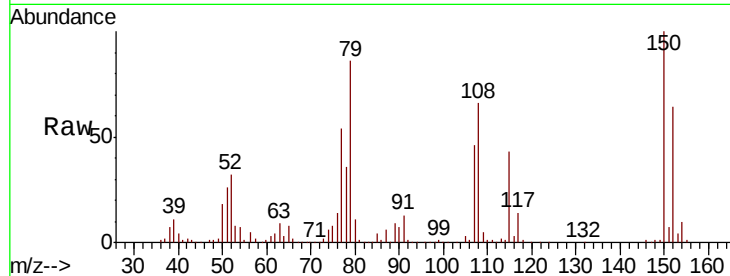
77 62.7 51.8 77.6

Manual Integrations

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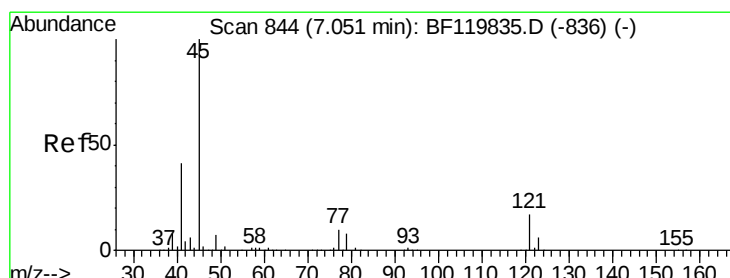
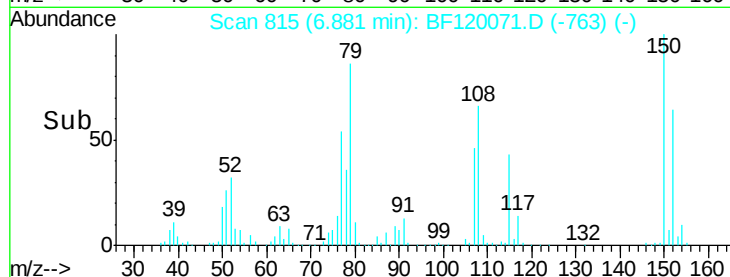
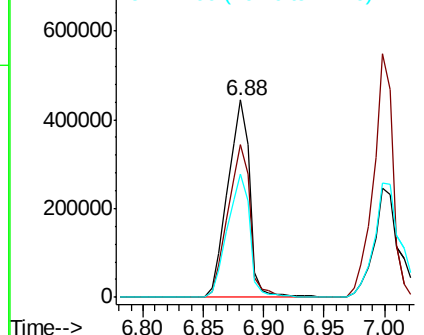
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.541 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

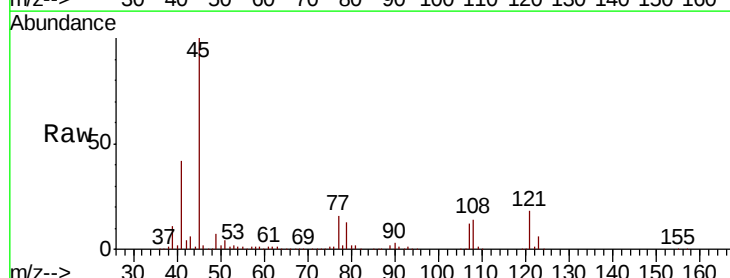
Tgt Ion: 45 Resp: 1153733

Ion Ratio Lower Upper

45 100

77 16.3 0.0 30.7

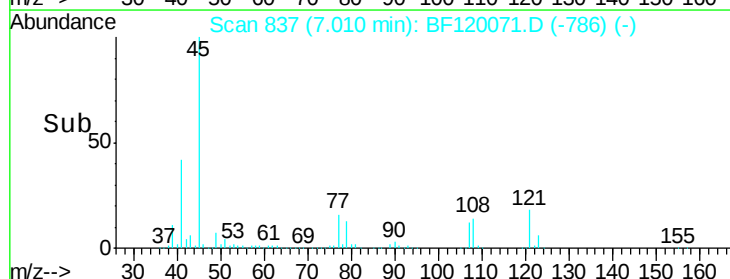
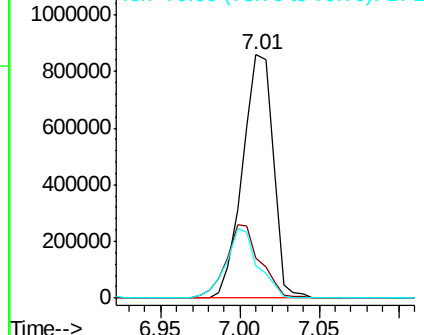
79 13.3 0.0 28.6

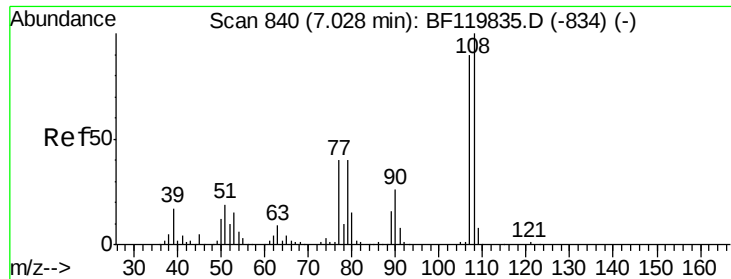


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





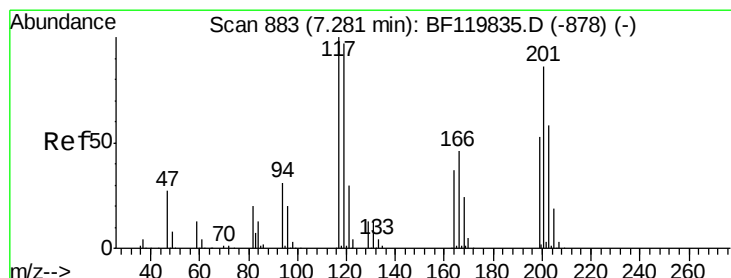
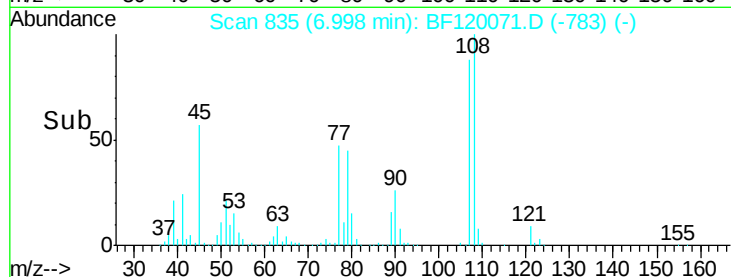
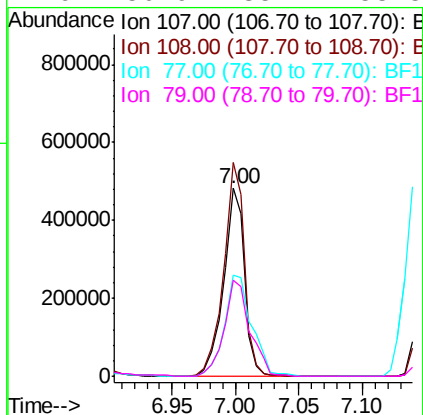
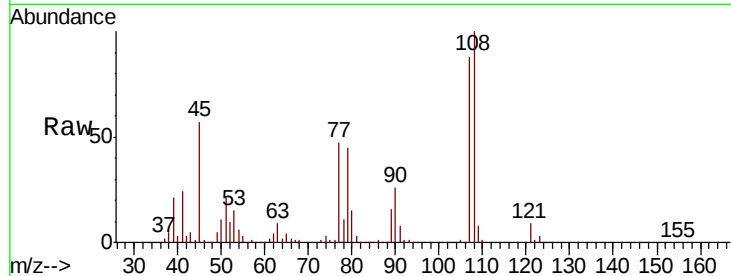
#17
2-Methylphenol
Concen: 58.367 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	550418		
108	108.00	113.8		88.8	133.2
77	77.00	53.6		36.0	54.0
79	79.00	50.9		35.7	53.5

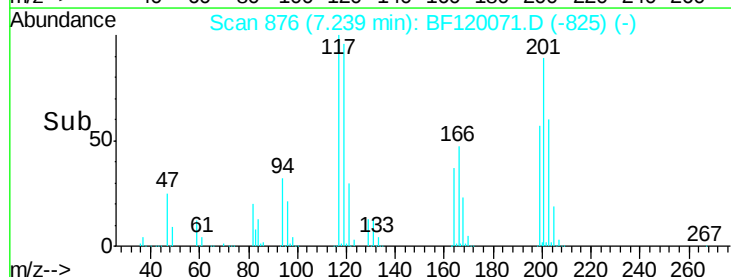
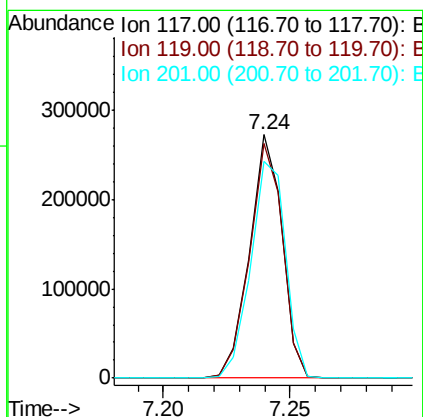
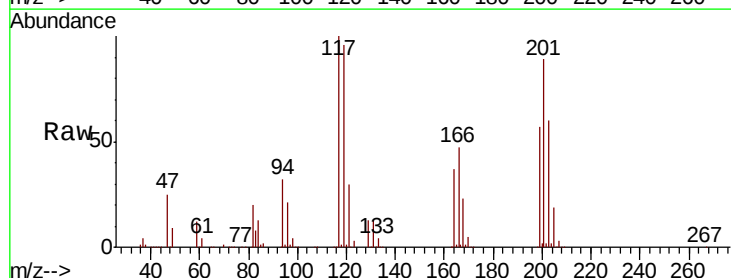
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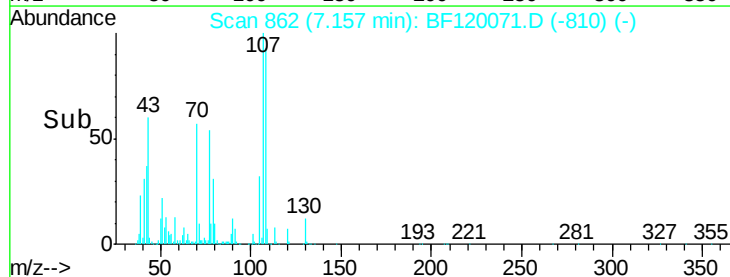
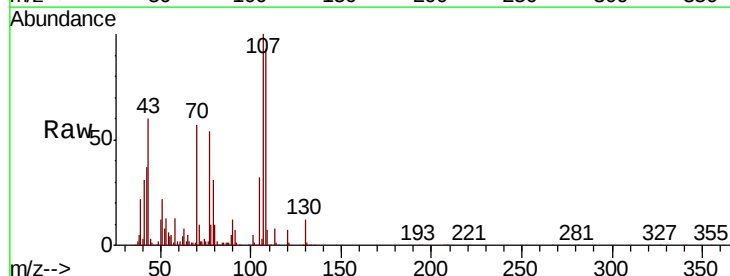
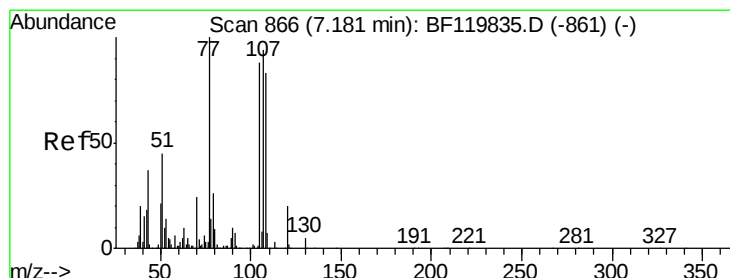
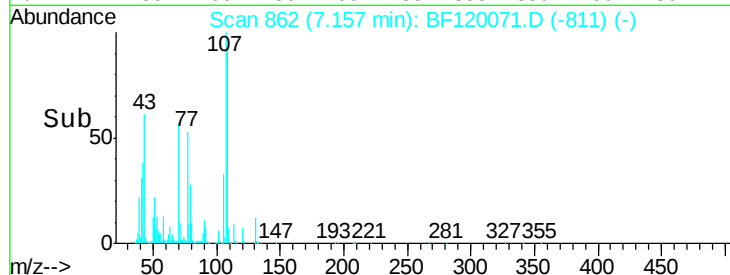
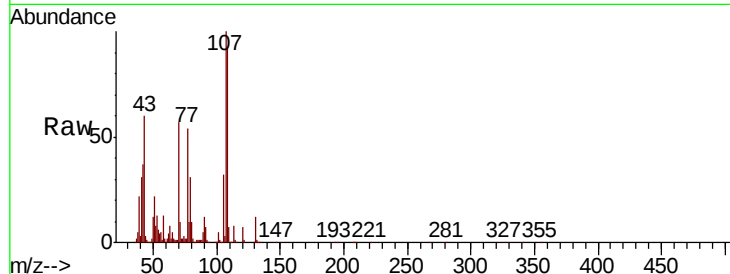
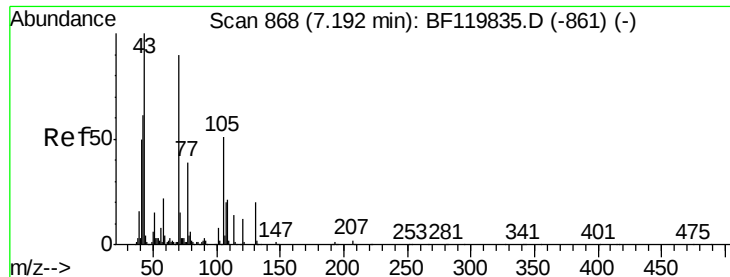
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#18
Hexachloroethane
Concen: 55.595 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

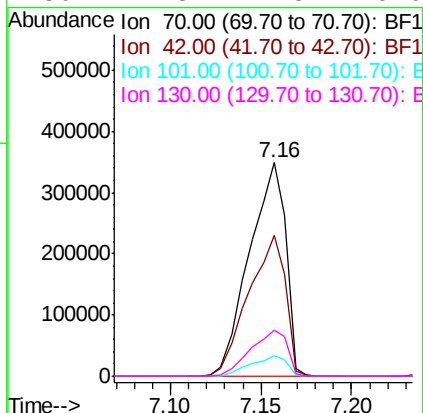
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	244850		
119	119.00	96.1		77.4	116.0
201	201.00	89.2		68.4	102.6





#19
n-Nitroso-di-n-propylamine
Concen: 62.202 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.9	54.2	81.4	
101	9.6	7.4	11.2	
130	21.3	17.8	26.6	



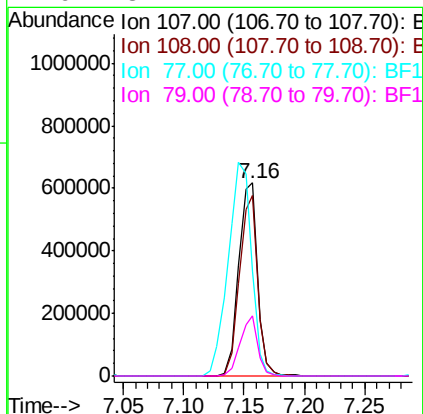
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

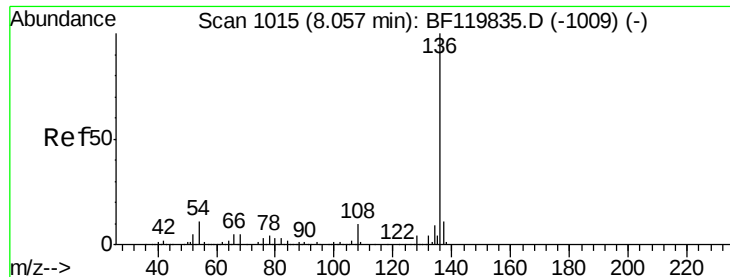
Manual Integrations
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#20
3+4-Methylphenols
Concen: 58.450 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.4	68.2	108.2	
77	54.2	86.6	126.6#	
79	31.2	7.7	47.7	





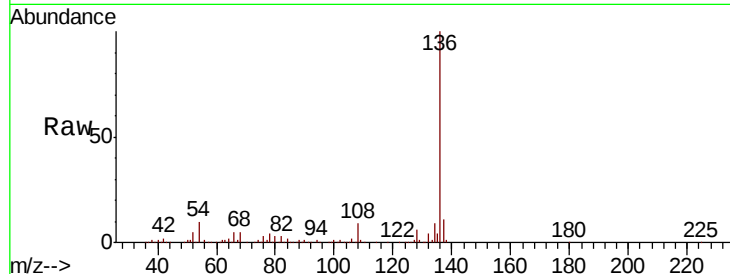
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		614312		
137	11.0	8.7	13.1		
54	10.4	8.5	12.7		
68	5.5	3.9	5.9		

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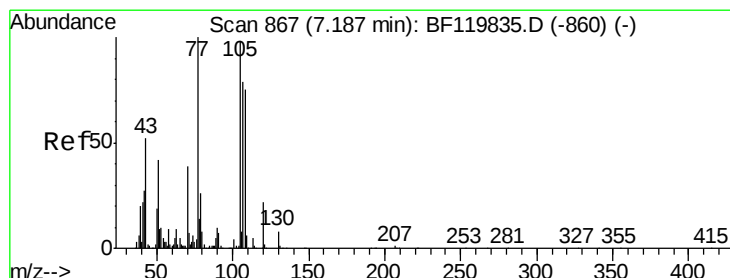
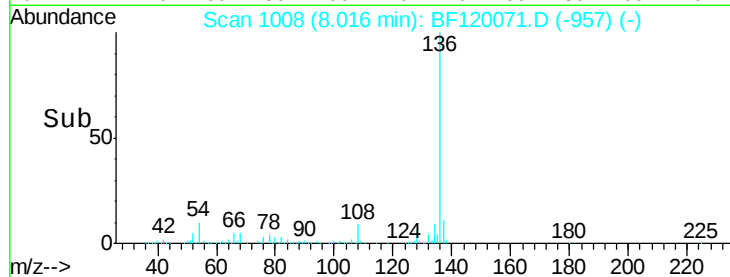
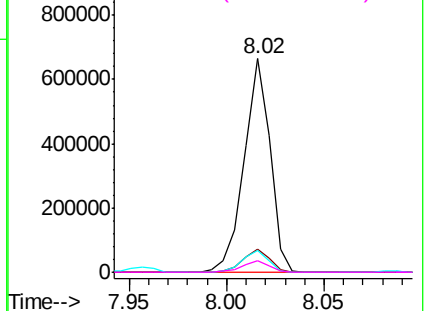
Abundance

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: 64.087 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		921913		
71	5.0	5.6	8.4#		
51	38.9	33.9	50.9		
120	22.2	17.8	26.8		

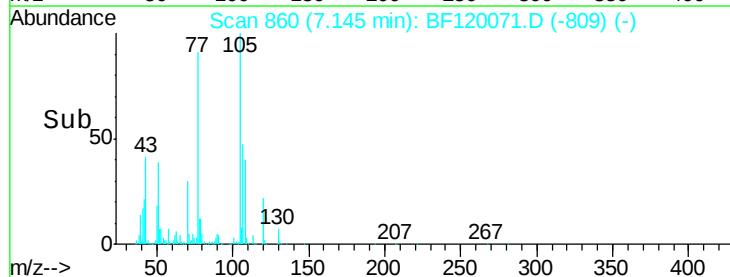
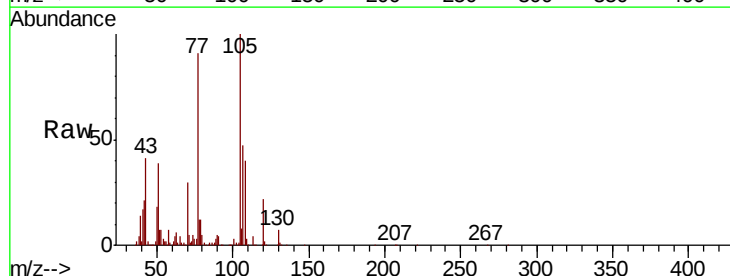
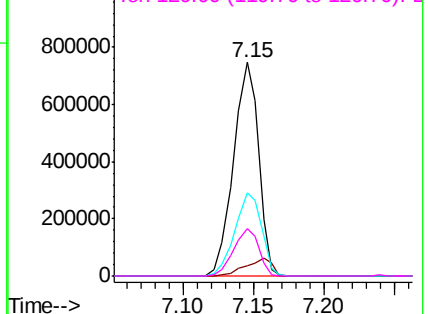
Abundance

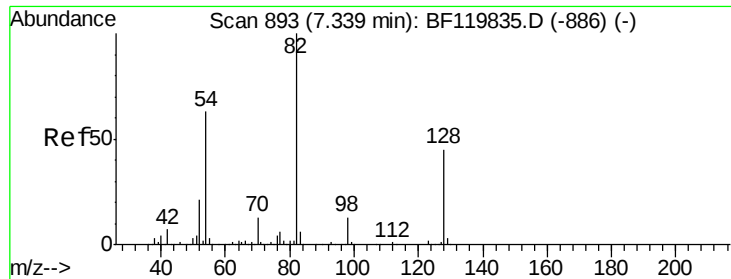
Ion 105.00 (104.70 to 105.70): E

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





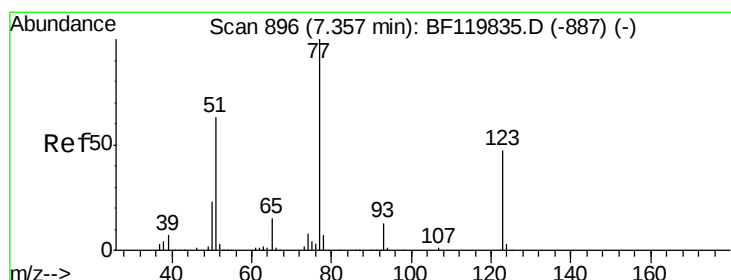
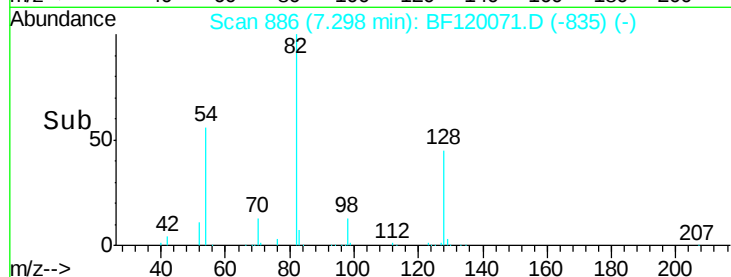
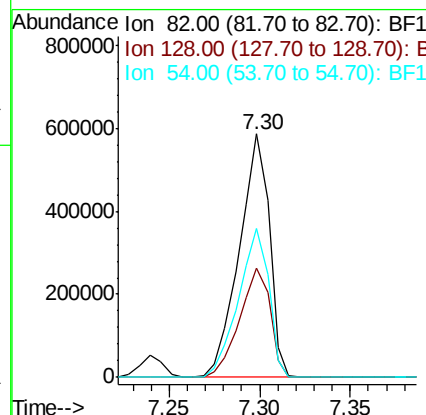
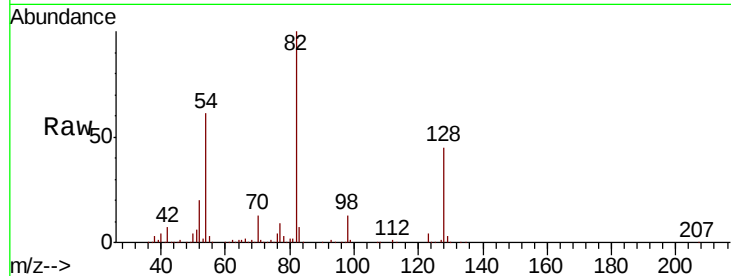
#23
Nitrobenzene-d5
Concen: 57.004 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.2	54.4
54	61.1	50.4	75.6

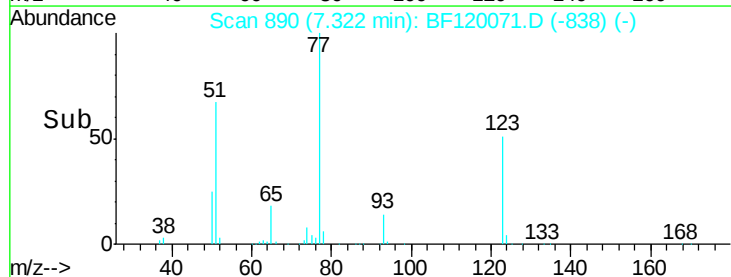
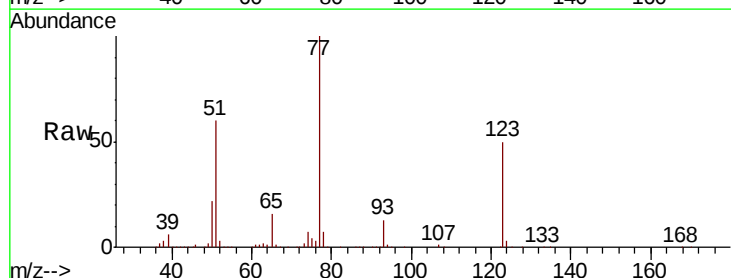
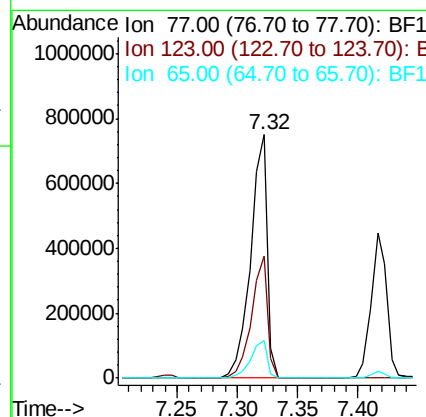
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#24
Nitrobenzene
Concen: 60.305 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.8	56.8
65	15.7	12.2	18.2





#25

Isophorone

Concen: 58.701 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion: 82 Resp: 1343692

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

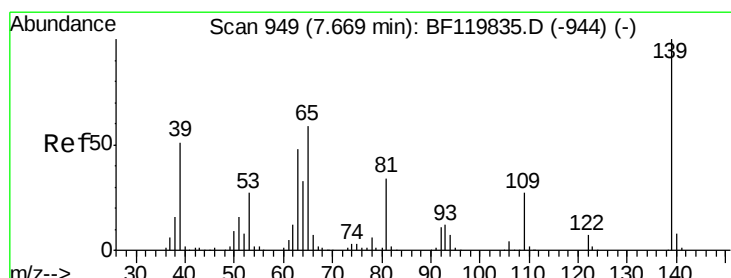
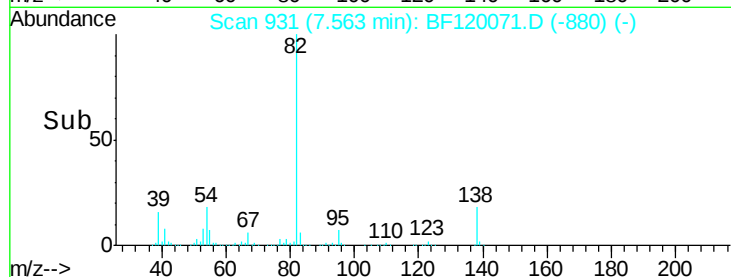
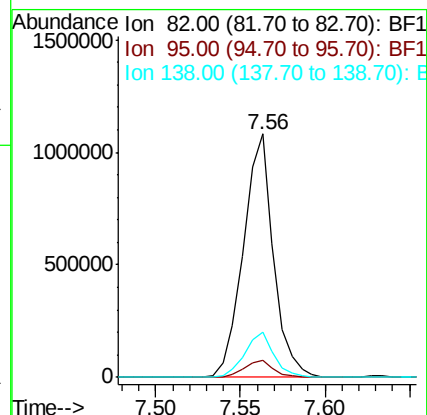
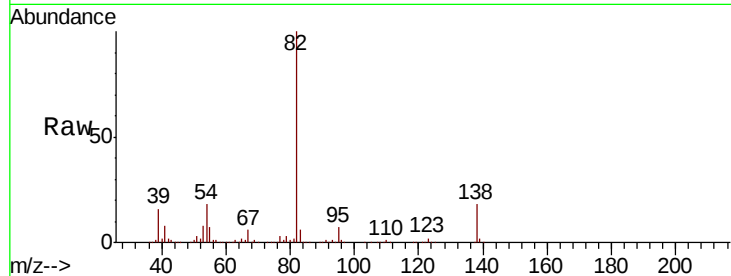
138 18.4 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.770 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

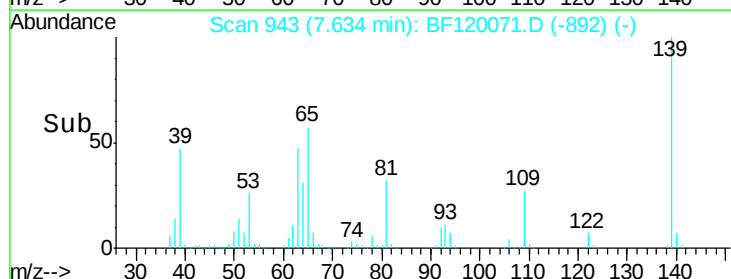
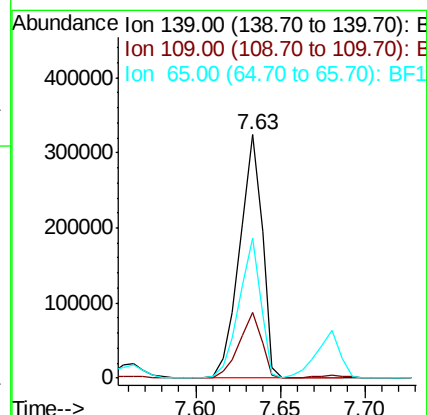
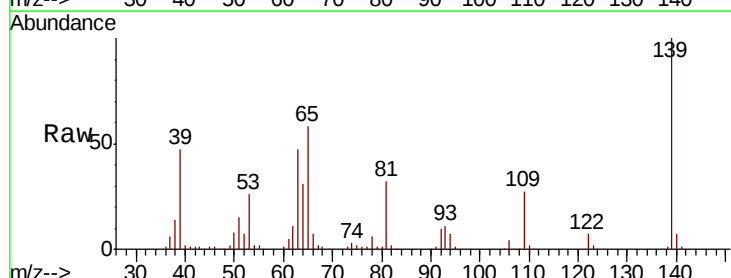
Tgt Ion: 139 Resp: 302989

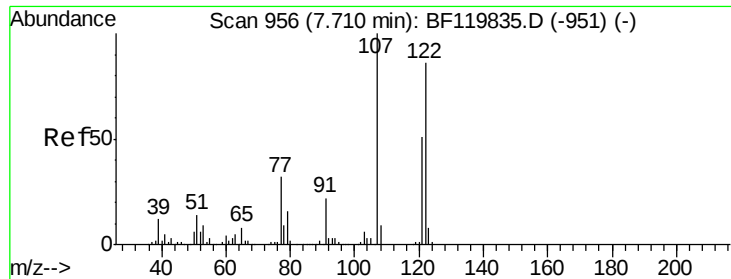
Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

65 57.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 62.483 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

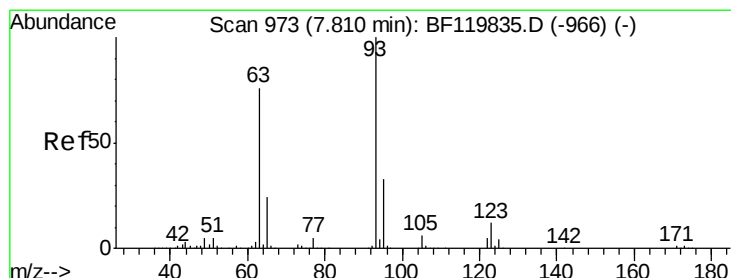
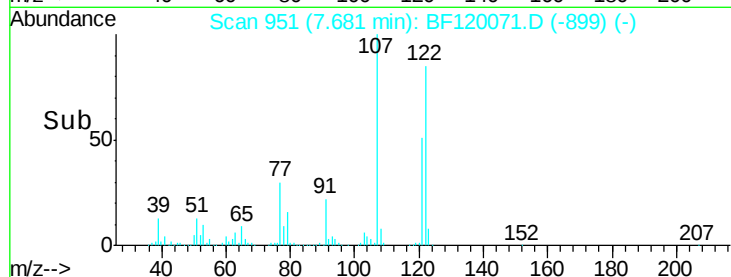
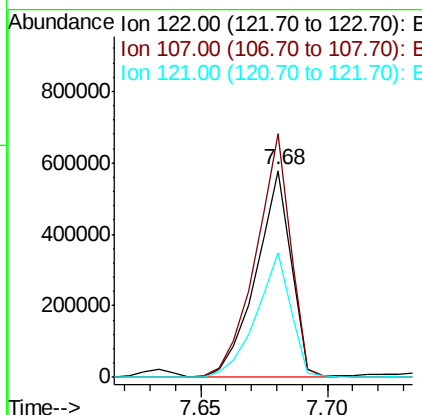
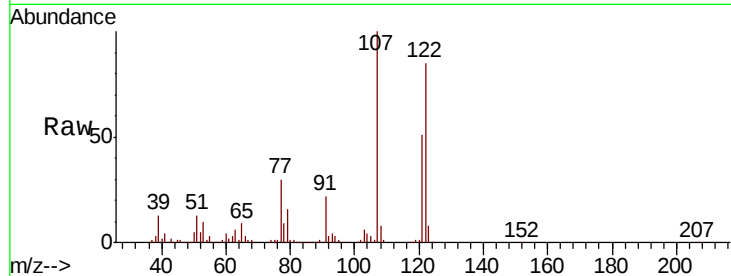
ClientSampleId :

TP-42-41-COMPMDS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.7	92.3	138.5		
121	60.2	46.6	70.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 64.191 ng

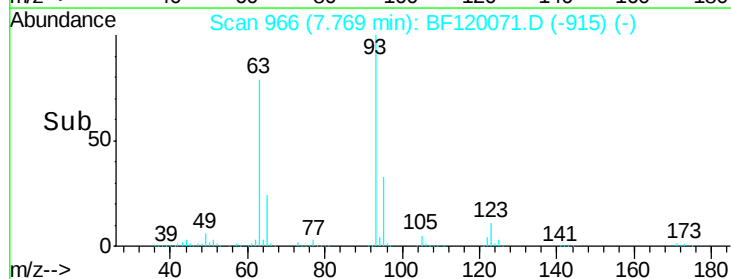
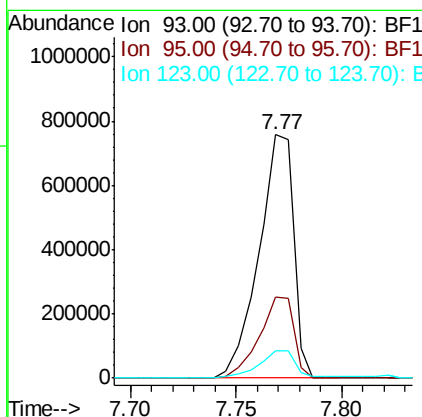
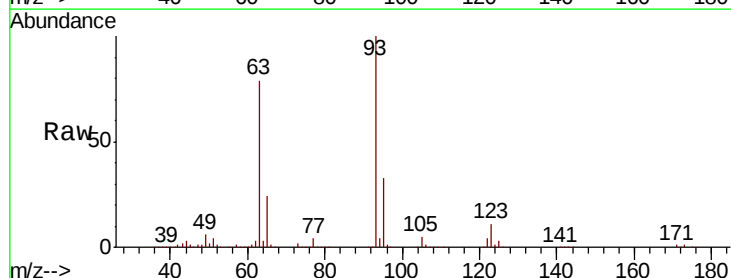
RT: 7.77 min Scan# 966

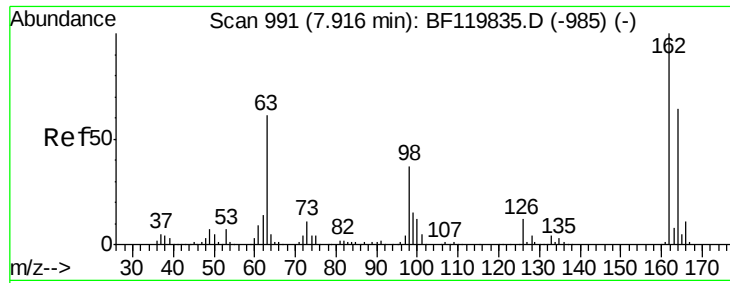
Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.4	39.6		
123	11.3	9.7	14.5		





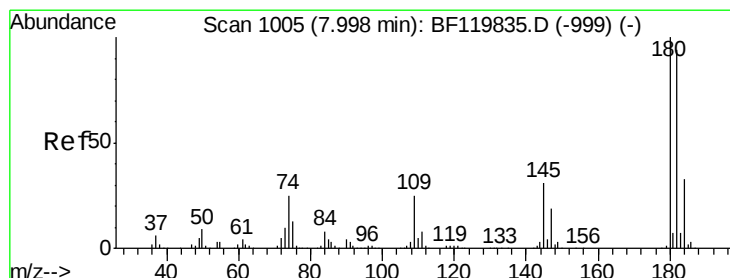
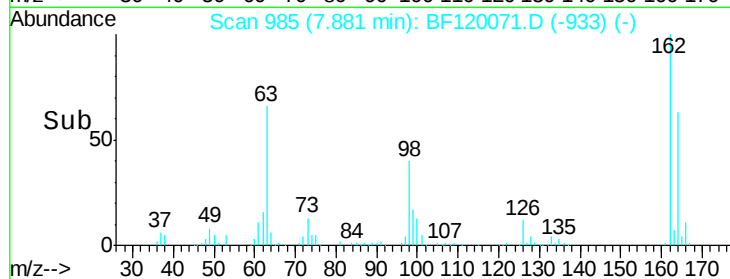
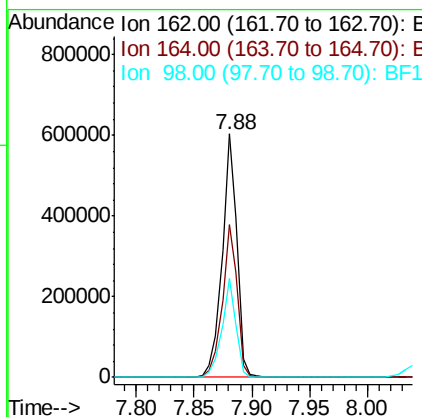
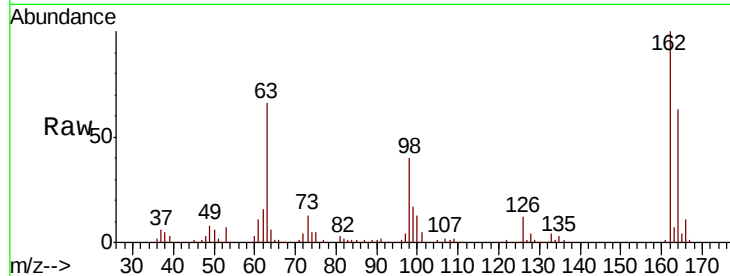
#29
2,4-Dichlorophenol
Concen: 58.336 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.4	84.4
98	40.5	17.3	57.3

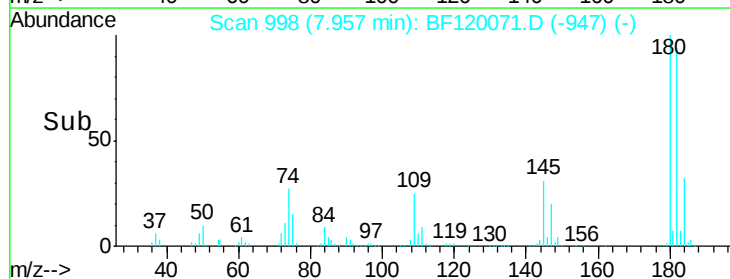
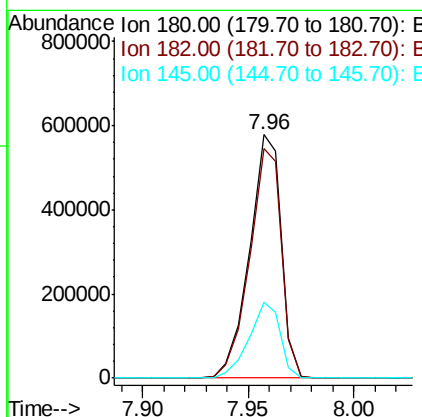
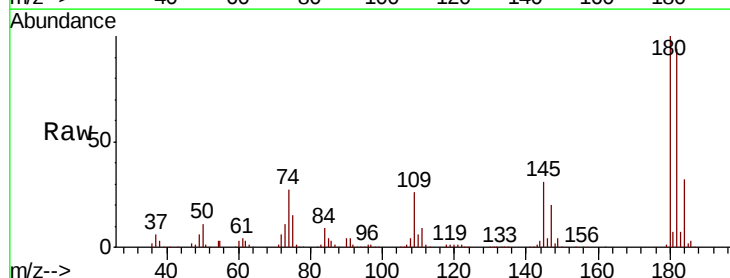
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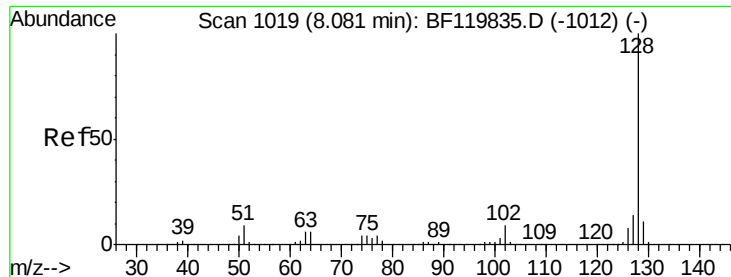
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#30
1,2,4-Trichlorobenzene
Concen: 57.659 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
145	31.2	24.6	37.0





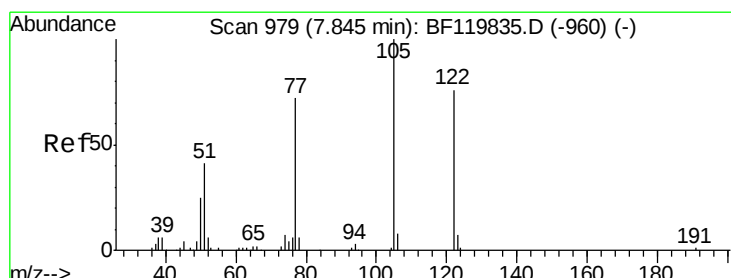
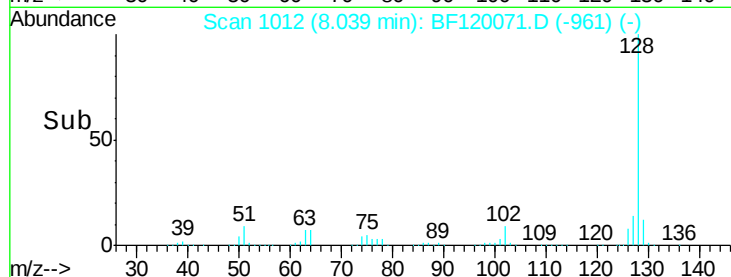
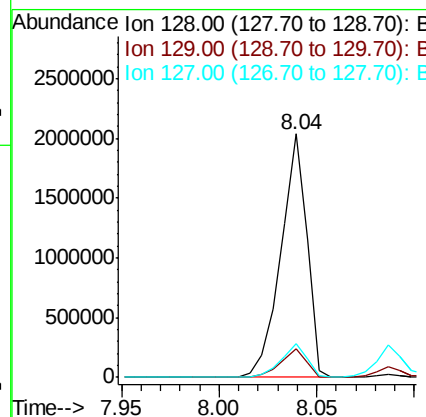
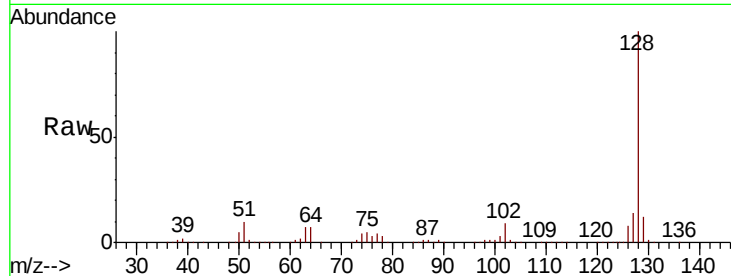
#31
Naphthalene
Concen: 58.219 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:128 Resp: 1881680
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.8 11.0 16.4

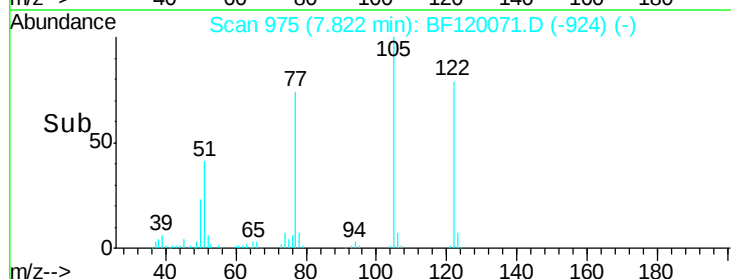
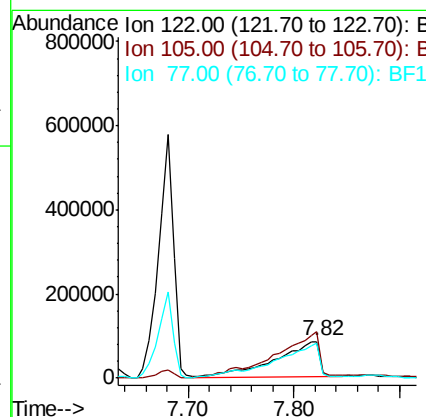
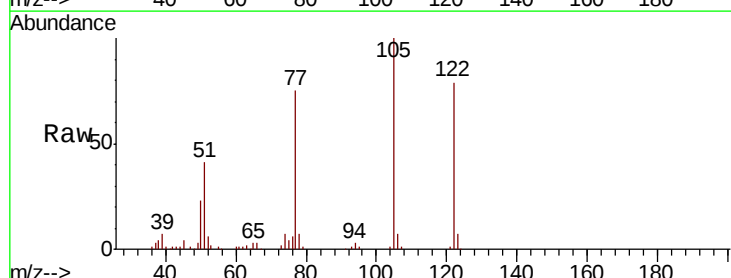
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#32
Benzoic acid
Concen: 31.168 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:122 Resp: 246381
Ion Ratio Lower Upper
122 100
105 126.3 106.7 146.7
77 94.3 72.1 112.1





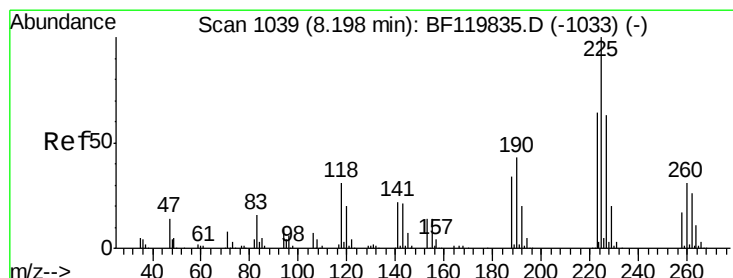
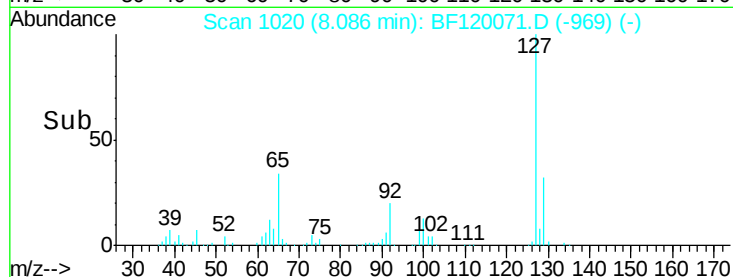
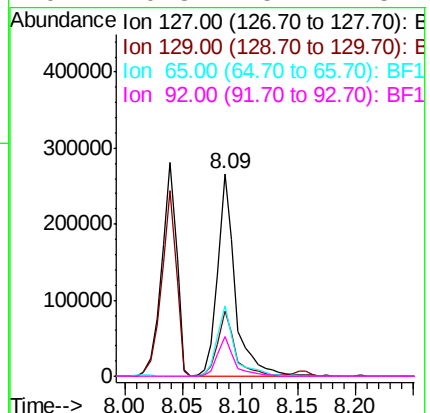
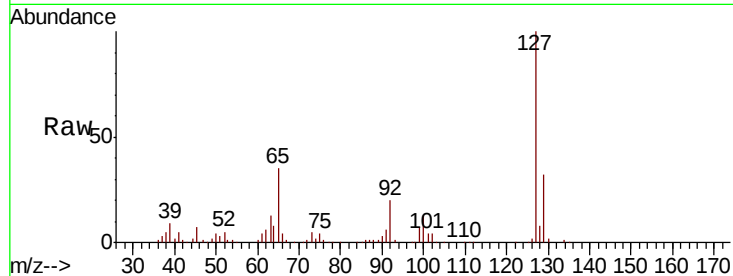
#33
4-Chloroaniline
Concen: 19.843 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		279198		
129	32.3	26.2	39.2		
65	34.9	28.3	42.5		
92	19.8	15.4	23.2		

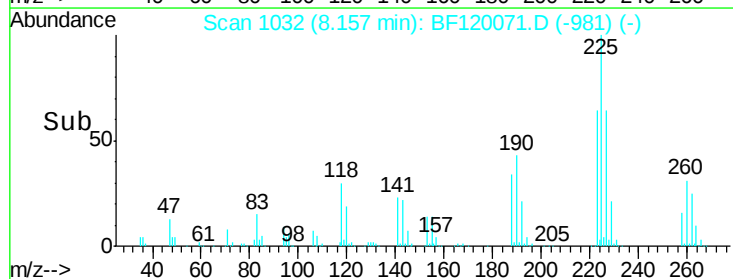
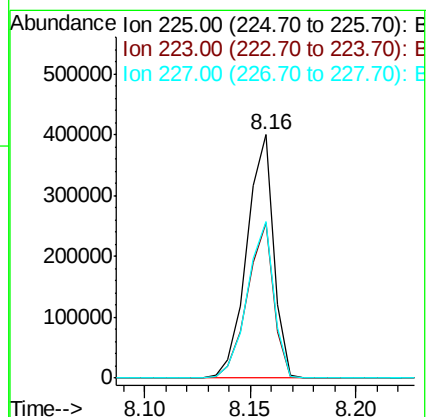
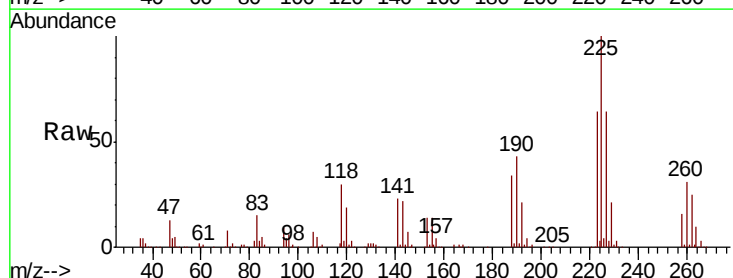
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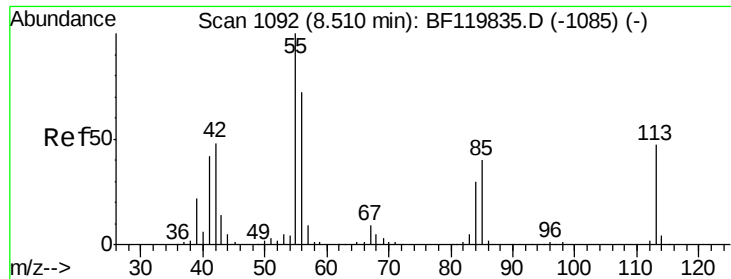
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#34
Hexachlorobutadiene
Concen: 56.224 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		351834		
223	63.6	51.0	76.6		
227	64.4	50.4	75.6		





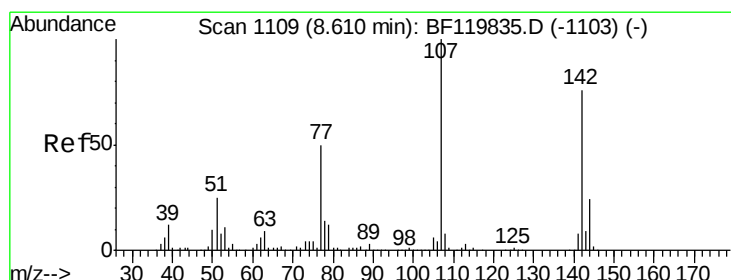
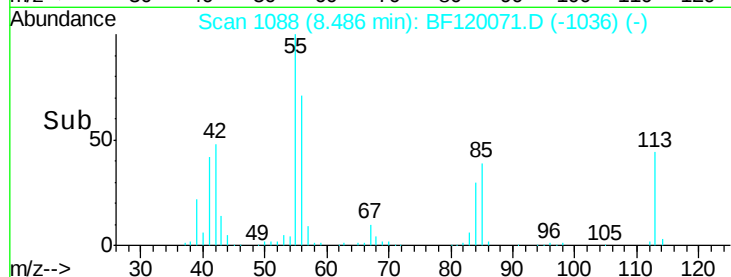
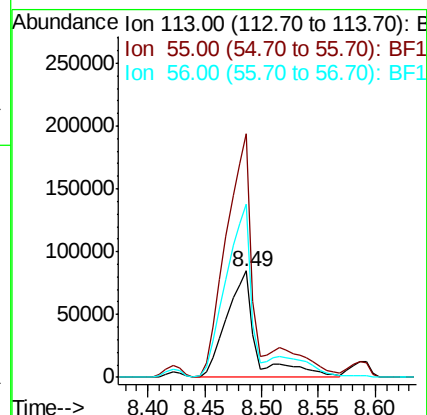
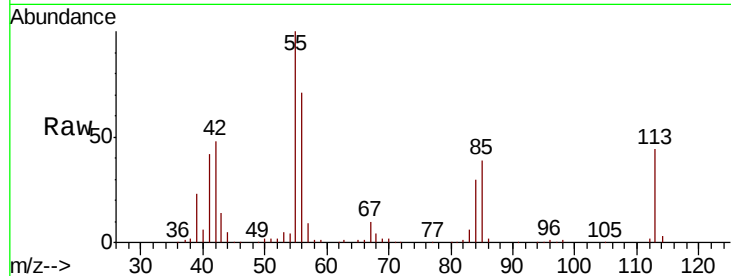
#35
Caprolactam
Concen: 54.376 ng/ml
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	229.0	192.7	232.7	
56	163.3	133.3	173.3	

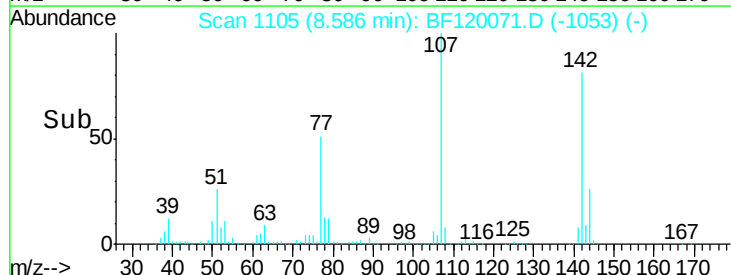
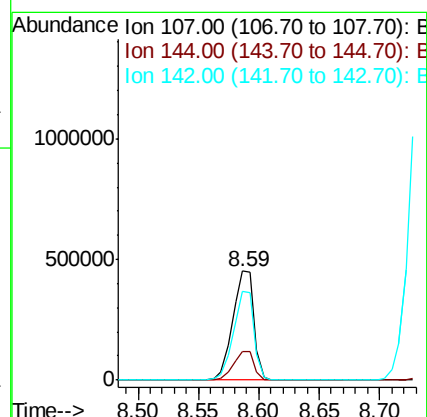
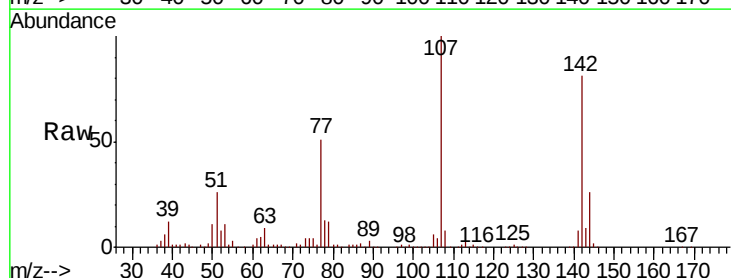
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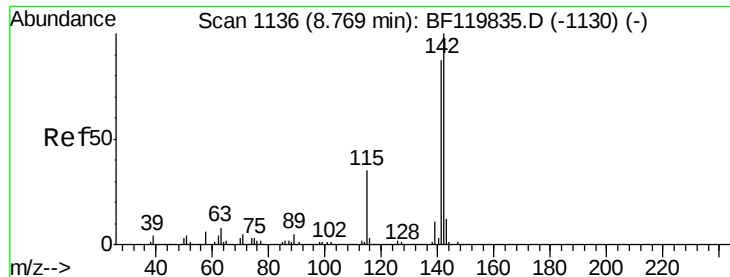
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#36
4-Chloro-3-methylphenol
Concen: 55.003 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.0	19.5	29.3	
142	80.7	60.5	90.7	





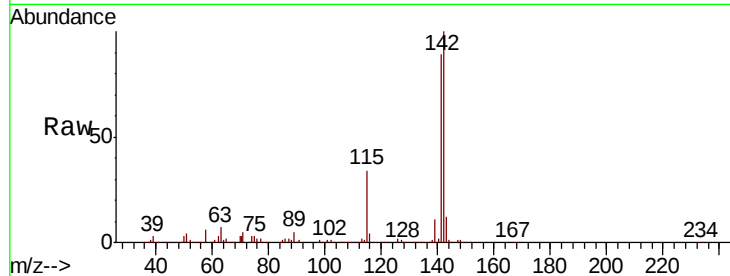
#37
2-Methylnaphthalene
Concen: 57.097 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

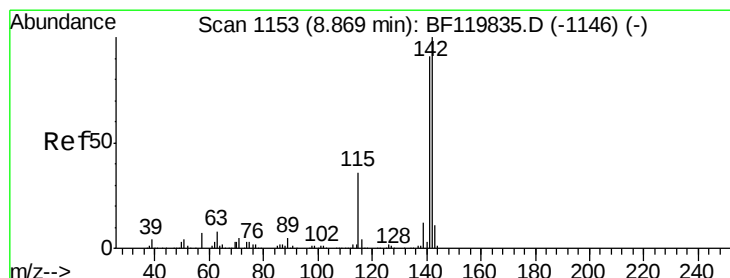
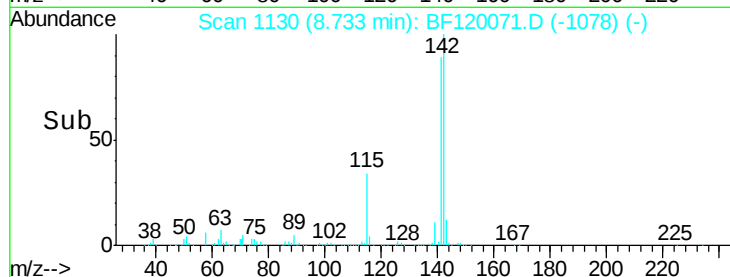
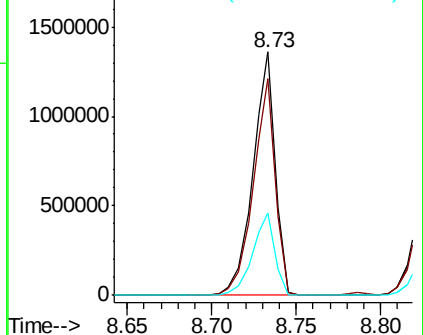
Tot Ion:142 Resp: 1251130
Ion Ratio Lower Upper
142 100
141 88.9 69.9 104.9
115 34.0 28.0 42.0

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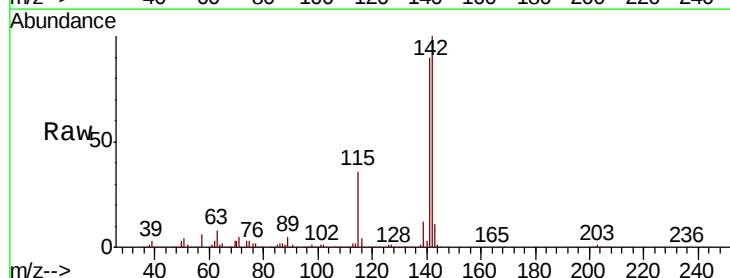


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

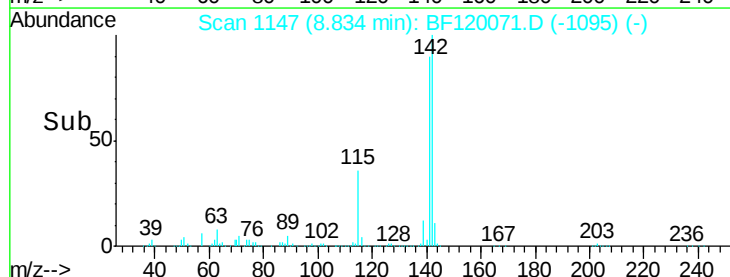
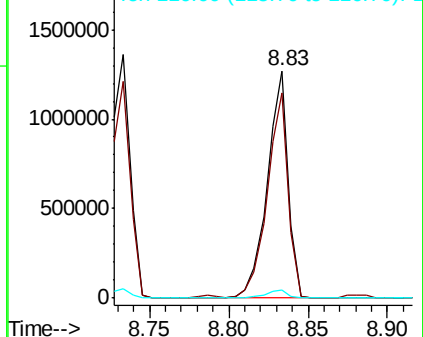


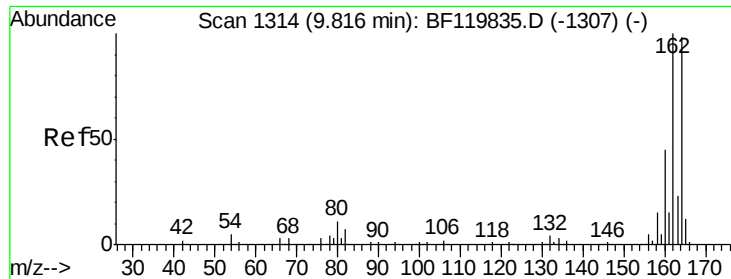
#38
1-Methylnaphthalene
Concen: 56.760 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:142 Resp: 1172294
Ion Ratio Lower Upper
142 100
141 90.4 72.9 109.3
116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





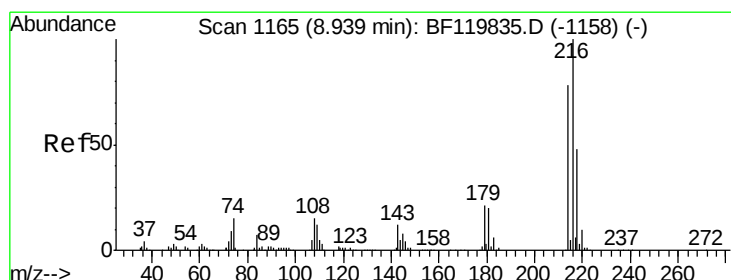
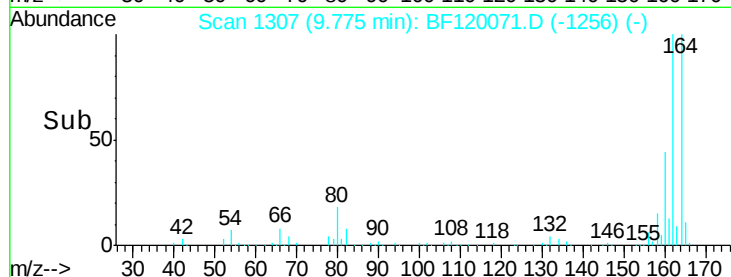
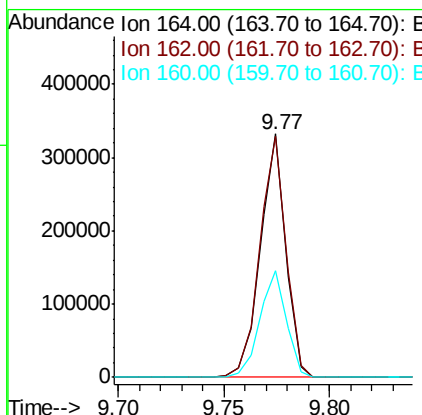
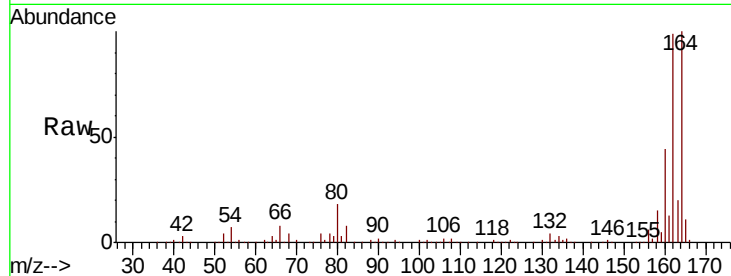
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	81.9	122.9	
160	43.8	36.6	54.8	

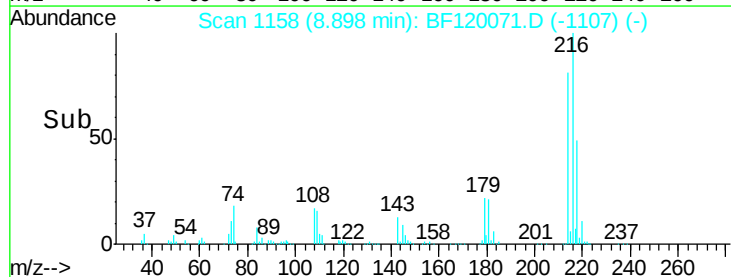
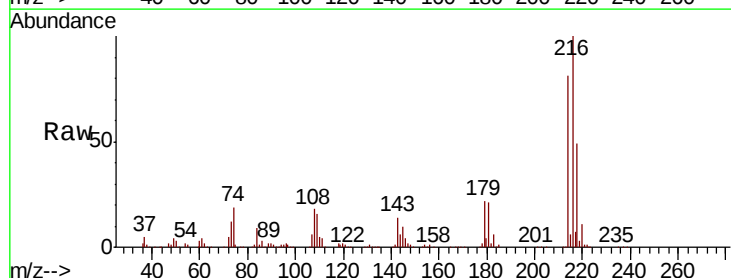
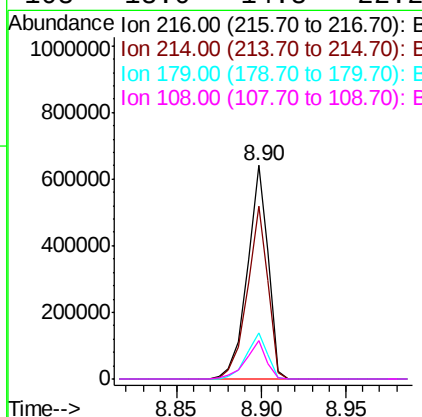
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.506 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.5	63.1	94.7	
179	21.5	17.0	25.4	
108	18.0	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 29.966 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

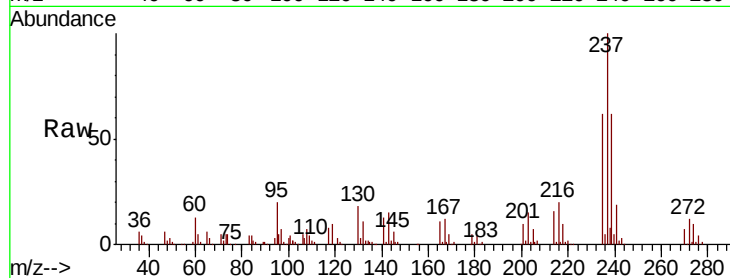
ClientSampleId :

TP-42-41-COMPMSD

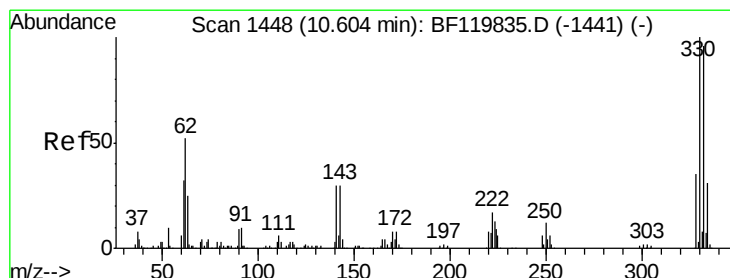
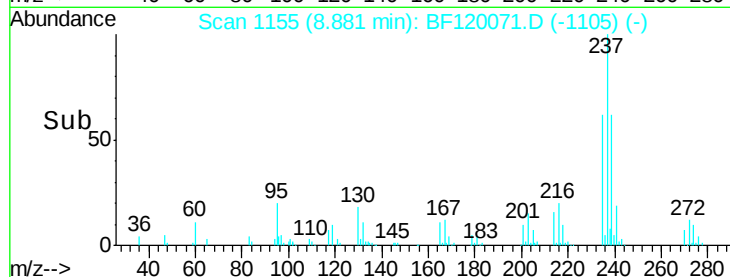
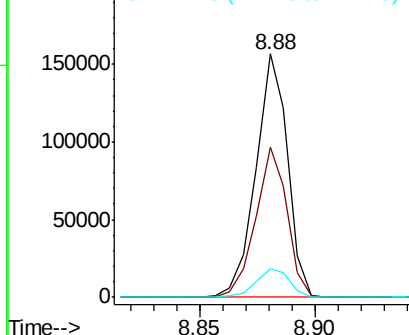
Tot Ion:	237	Resp:	149894
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.9	84.9
272	11.9	0.0	33.6

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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: 56.884 ng

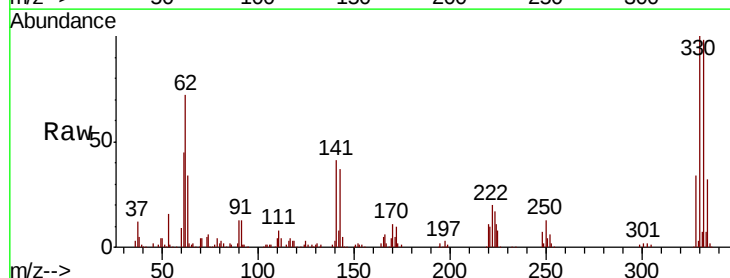
RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

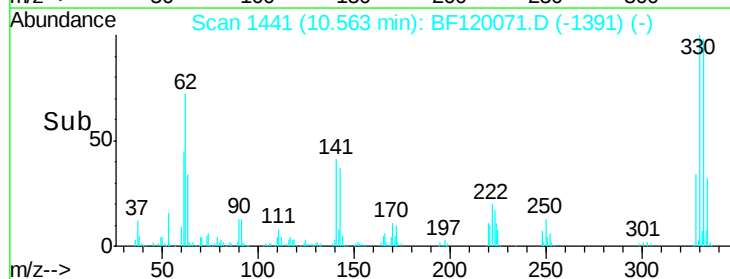
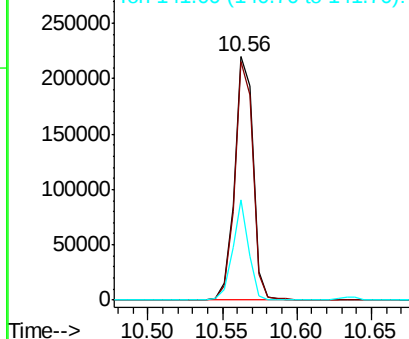
Lab File: BF120071.D

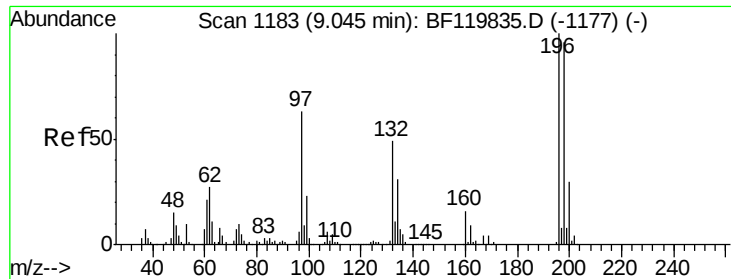
Acq: 17 Apr 2020 20:44

Tgt Ion:	330	Resp:	193973
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.8	115.2
141	35.6	25.1	37.7



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





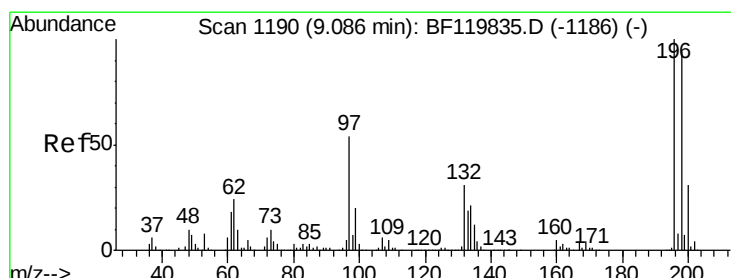
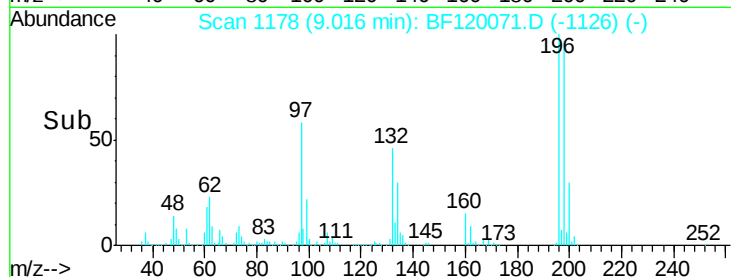
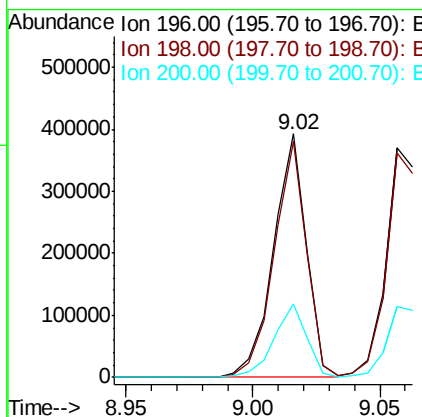
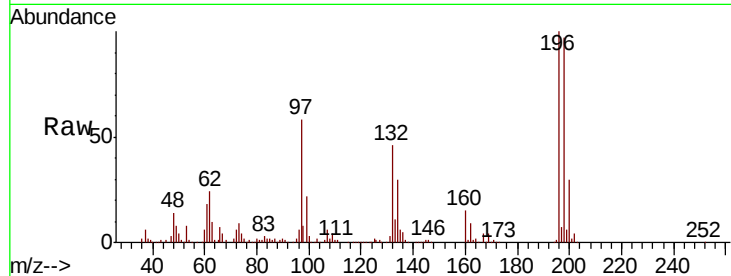
#43
 2,4,6-Trichlorophenol
 Concen: 58.781 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	357069		
198	96.9	76.6	115.0	
200	29.9	24.2	36.2	

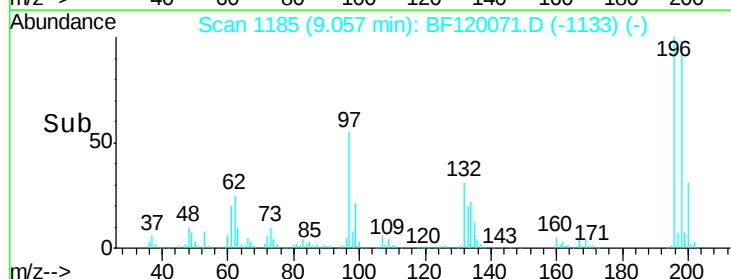
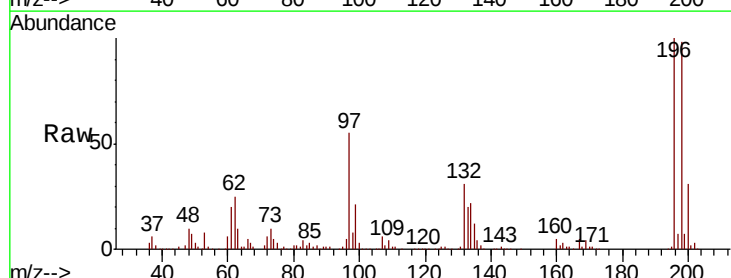
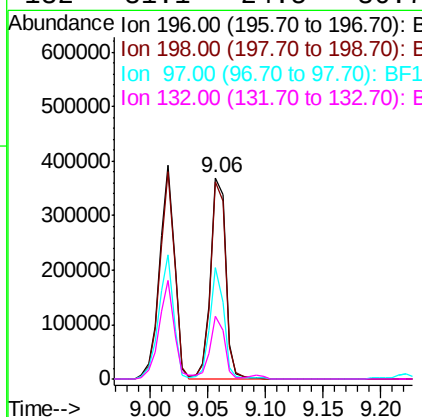
Manual Integrations
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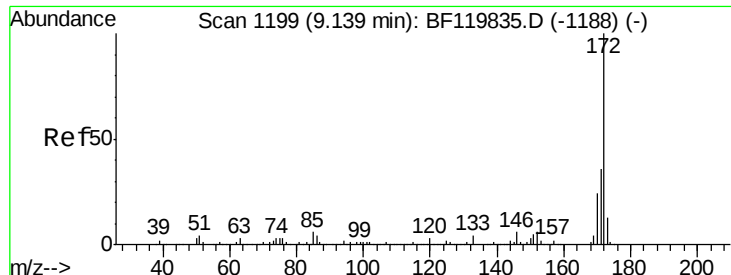
mohammad
 4/21/2020 8:22:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.671 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339839		
198	98.0	75.1	112.7	
97	55.1	43.4	65.2	
132	31.1	24.5	36.7	





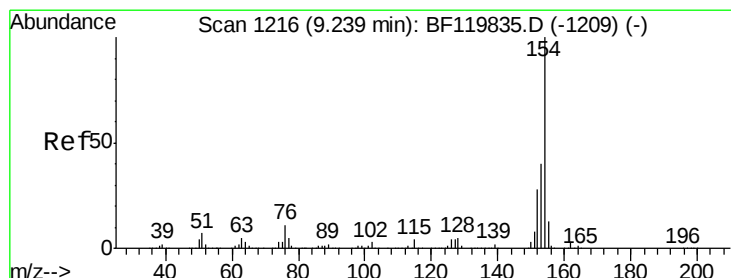
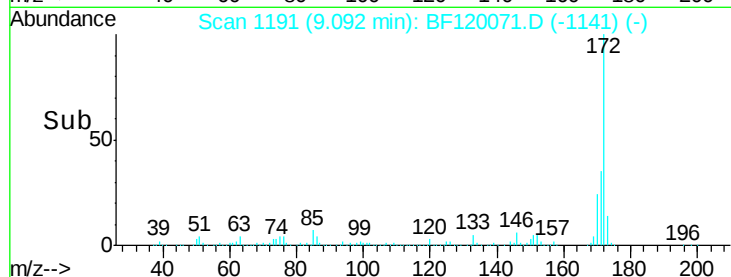
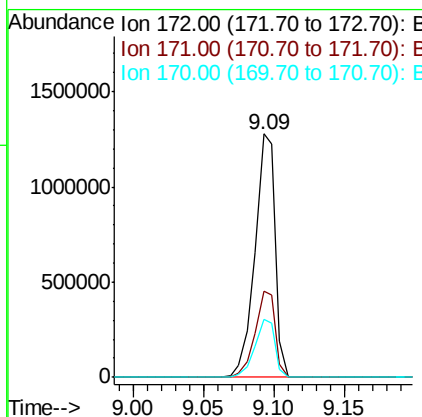
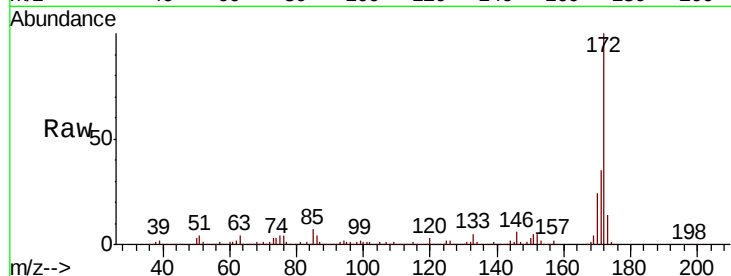
#45
2-Fluorobiphenyl
Concen: 66.232 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.2	28.9	43.3	
170	23.9	19.4	29.2	

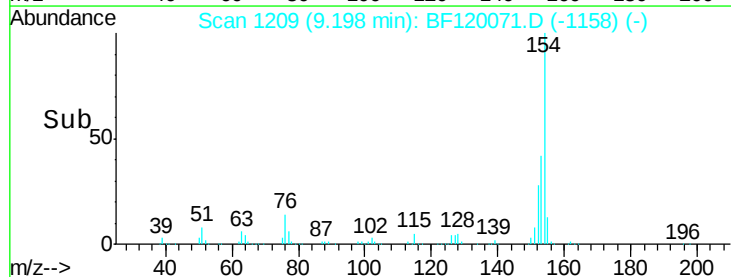
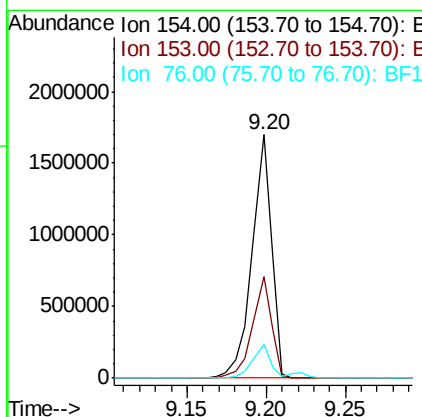
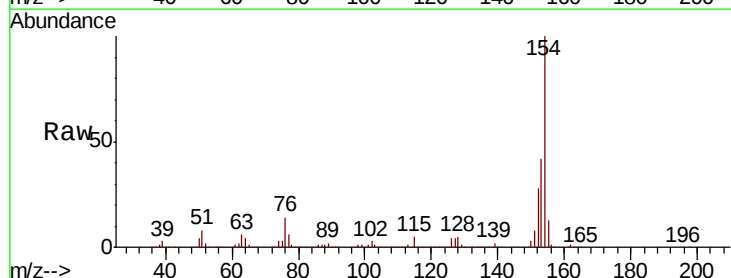
Manual Integrations
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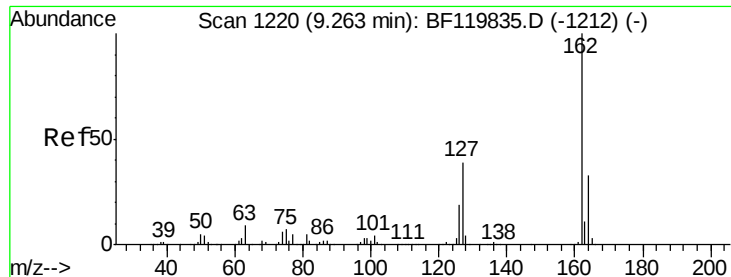
mohammad
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#46
1,1'-Biphenyl
Concen: 61.564 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.8	20.5	60.5	
76	13.7	0.0	30.6	





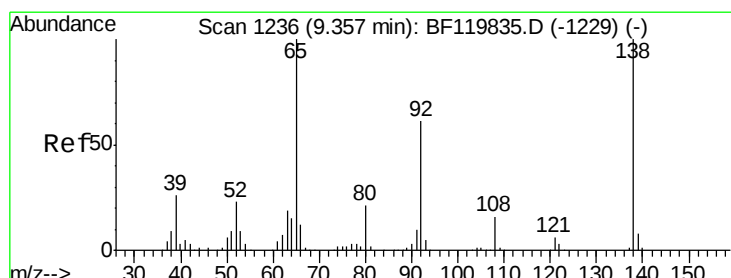
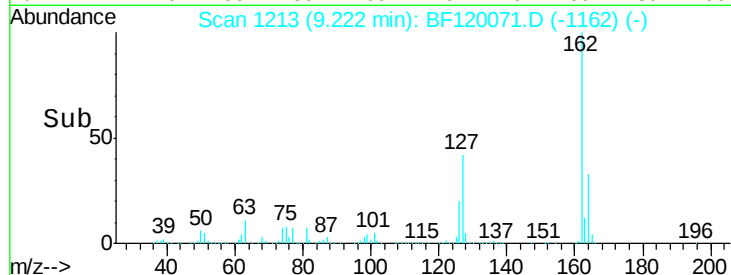
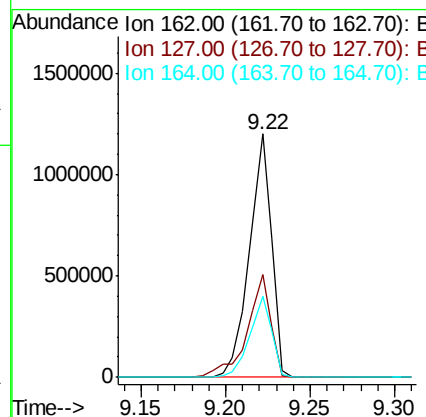
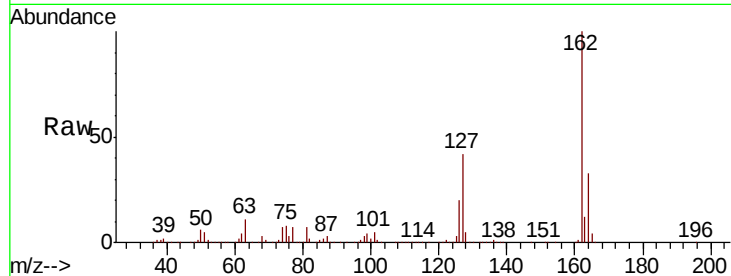
#47
 2-Chloronaphthalene
 Concen: 61.066 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.2	46.8
164	33.2	26.3	39.5

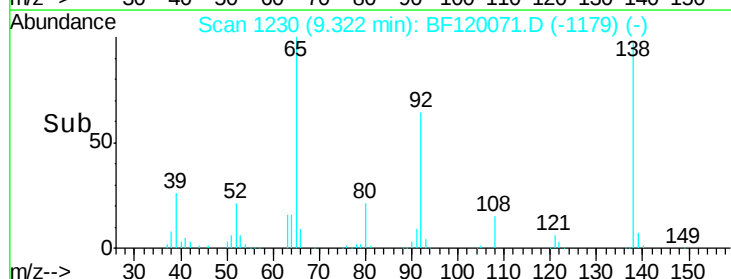
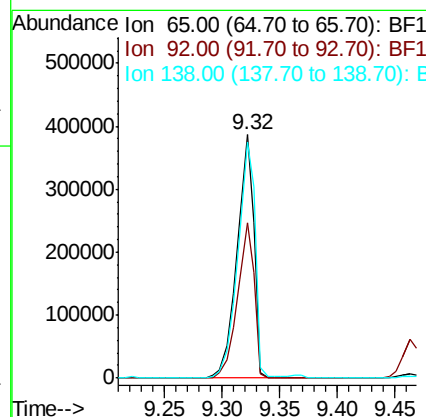
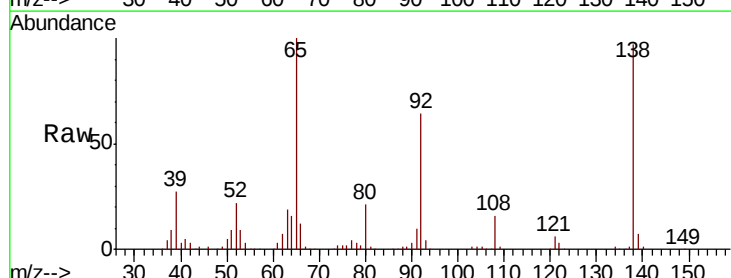
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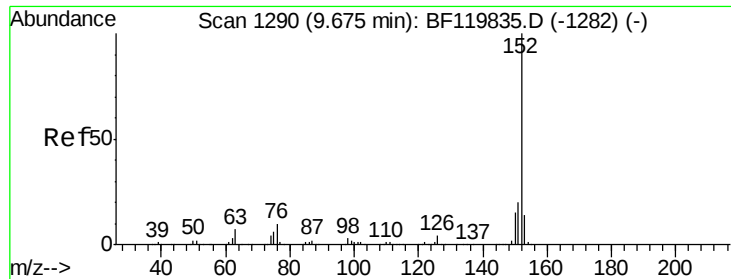
mohammad
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#48
 2-Nitroaniline
 Concen: 59.345 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	49.0	73.6
138	96.9	79.7	119.5





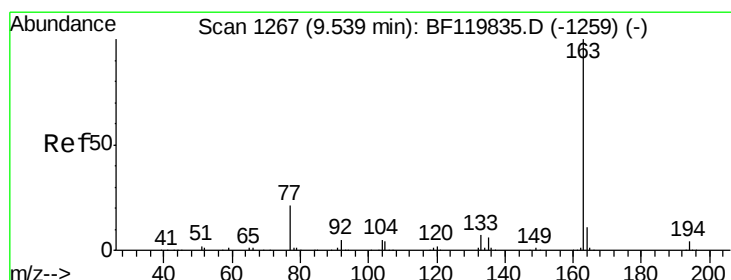
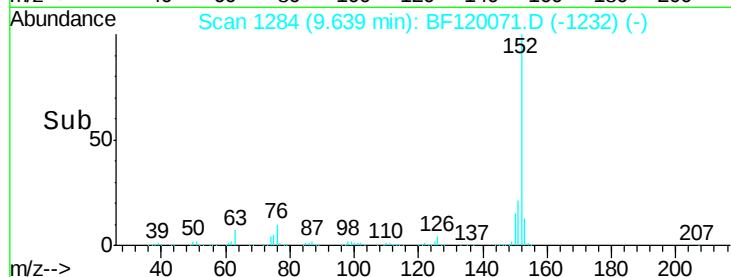
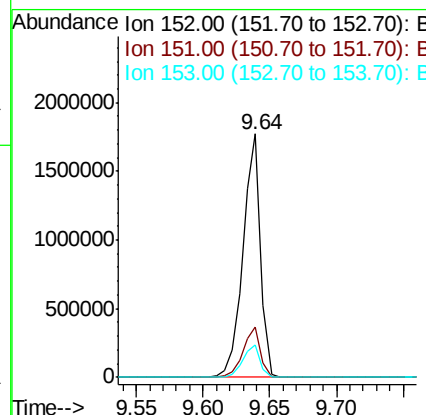
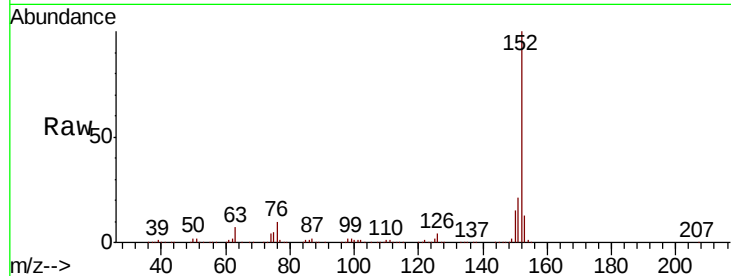
#49
Acenaphthylene
Concen: 58.638 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.4	10.9	16.3

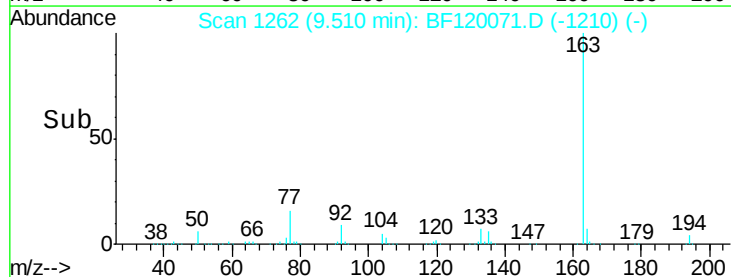
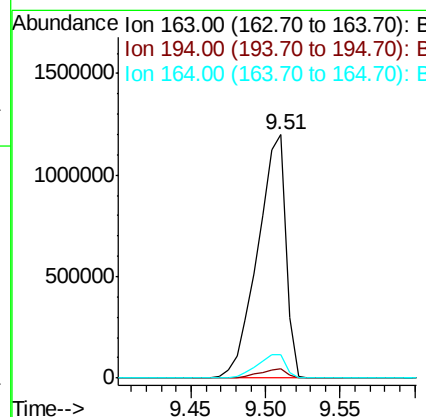
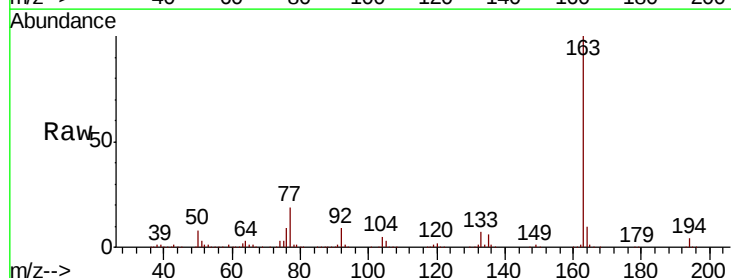
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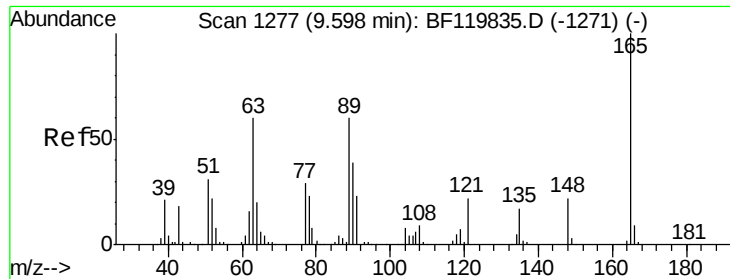
mohammad
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#50
Dimethylphthalate
Concen: 71.928 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.7	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 55.924 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

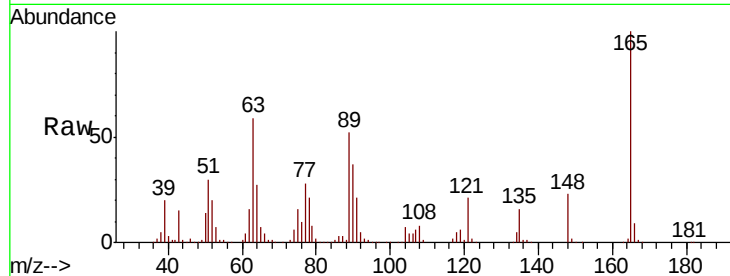
ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:	165	Resp:	263824
Ion Ratio	Lower	Upper	
165	100		
63	59.4	55.6	83.4
89	52.2	47.9	71.9

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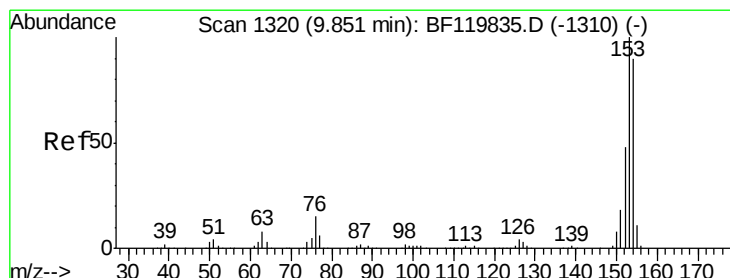
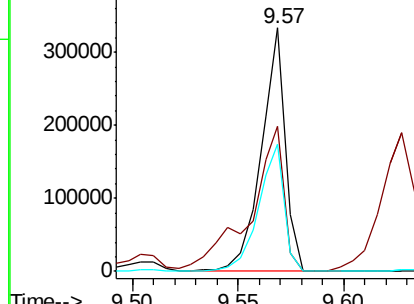
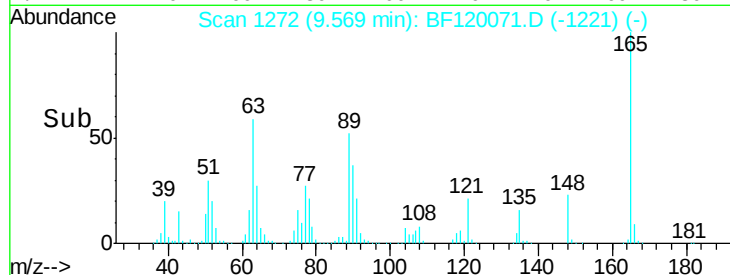


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 54.562 ng m

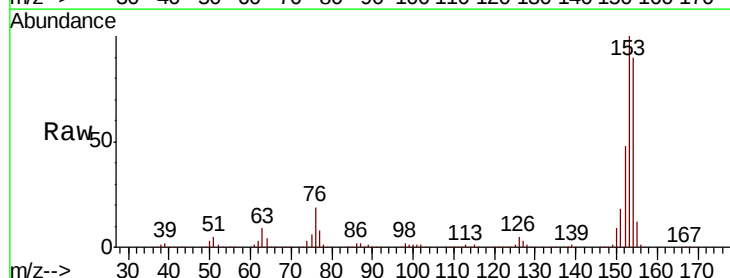
RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:	154	Resp:	1002412
Ion Ratio	Lower	Upper	
154	100		
153	111.7	88.8	133.2
152	53.3	42.4	63.6

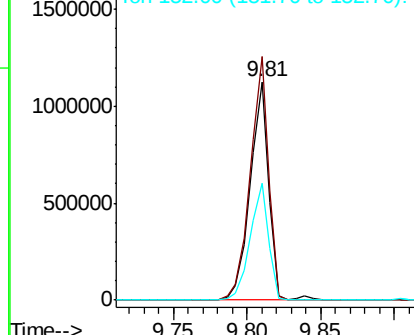
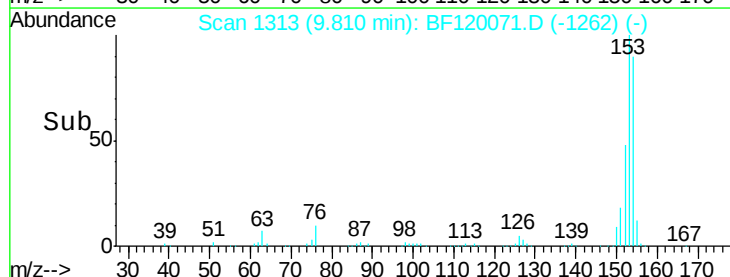


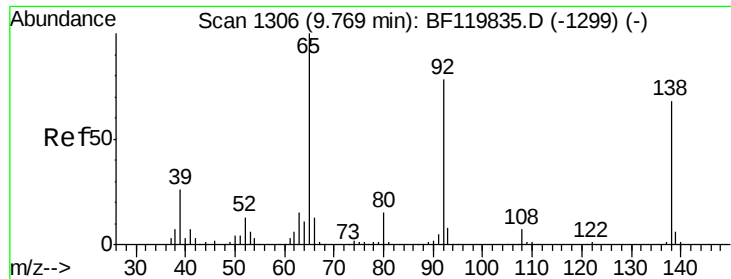
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





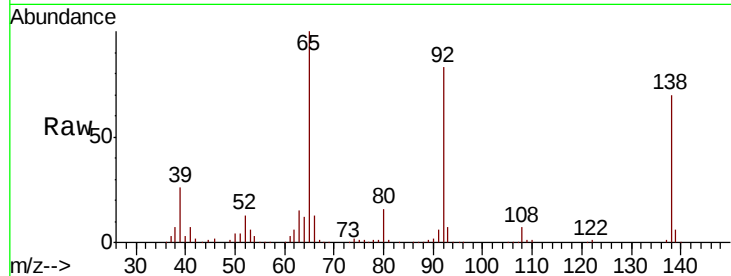
#53
3-Nitroaniline
Concen: 42.590 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

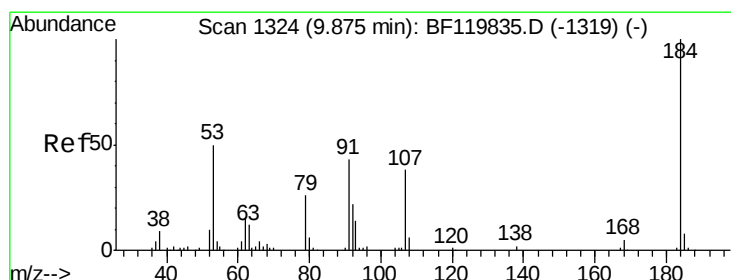
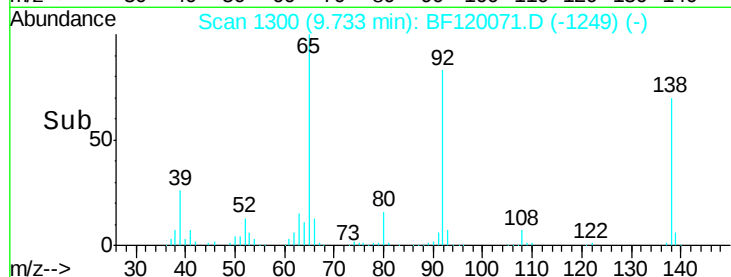
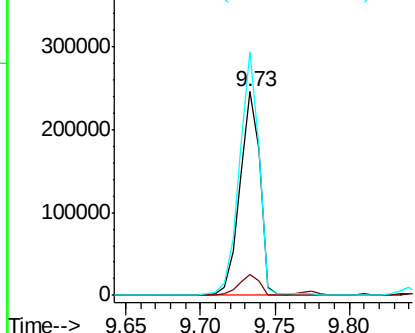
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.0	12.0
92	119.4	92.1	138.1

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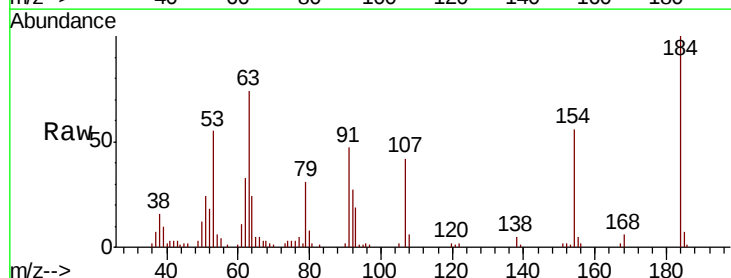


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

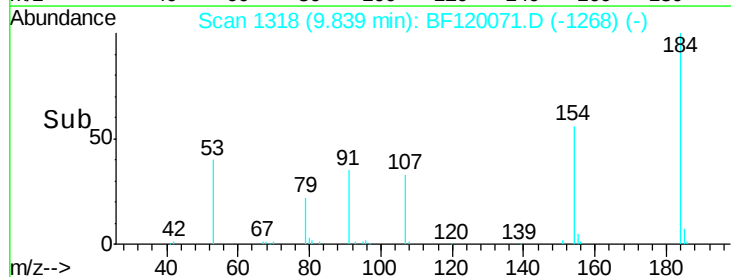
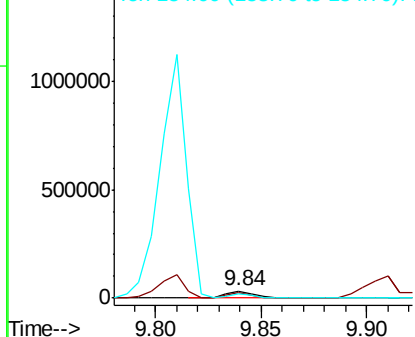


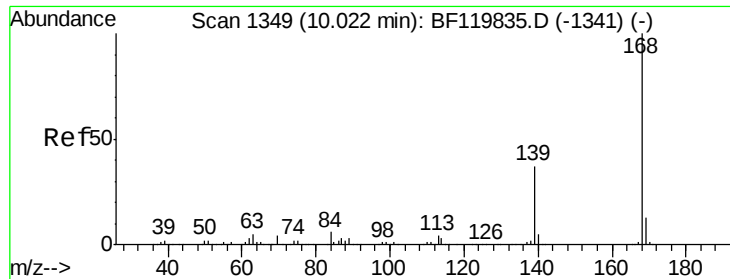
#54
2,4-Dinitrophenol
Concen: 11.392 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	49.8	74.6
154	56.0	46.5	69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





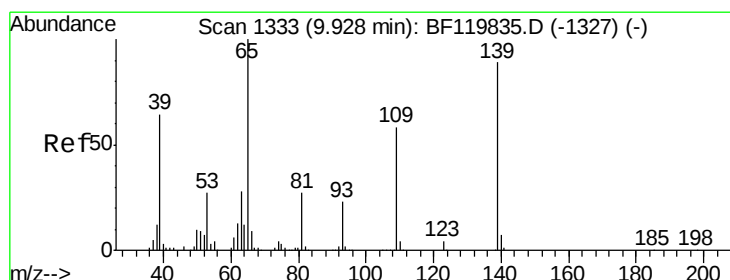
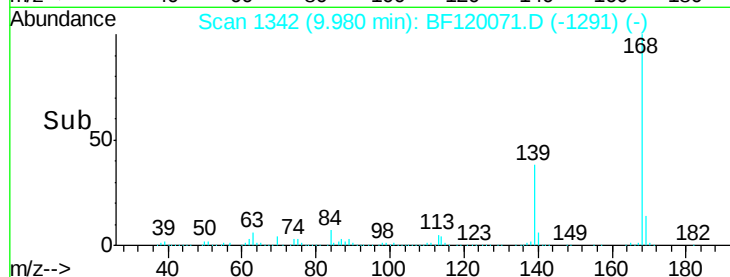
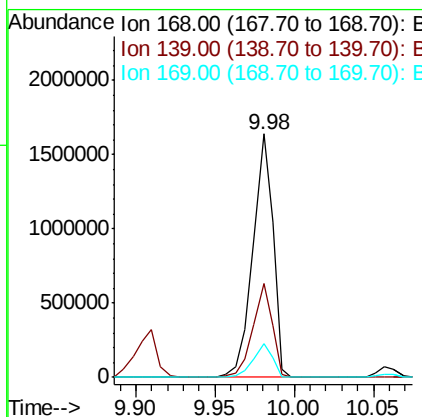
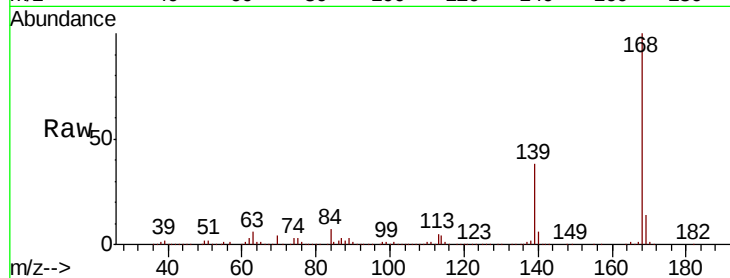
#55
Dibenzofuran
Concen: 57.226 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:168 Resp: 1442718
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.6 10.6 15.8

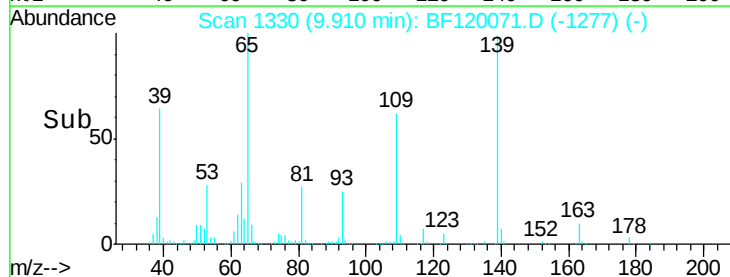
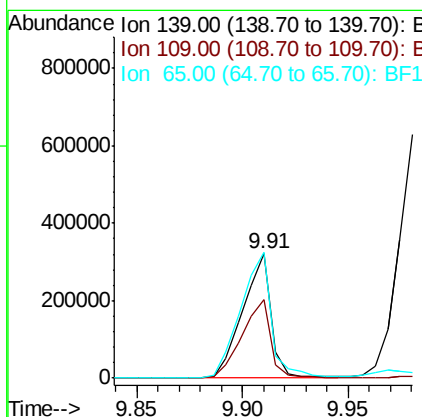
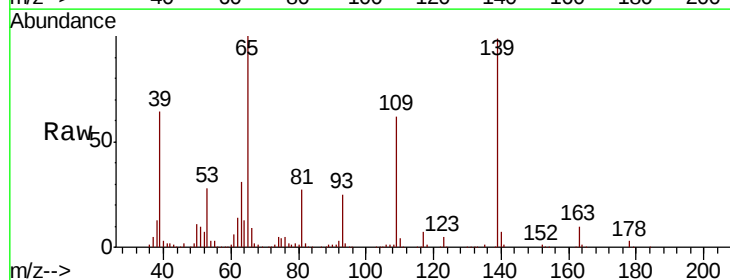
Manual Integrations
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#56
4-Nitrophenol
Concen: 75.467 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:139 Resp: 302535
Ion Ratio Lower Upper
139 100
109 62.9 45.5 85.5
65 101.4 92.3 132.3





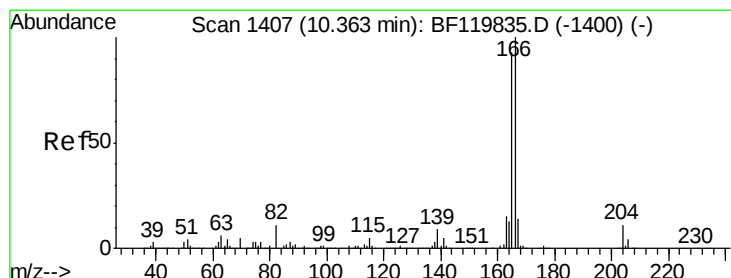
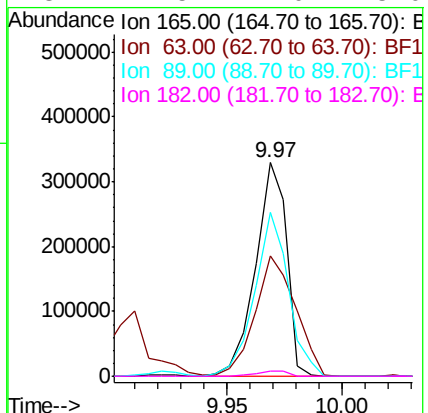
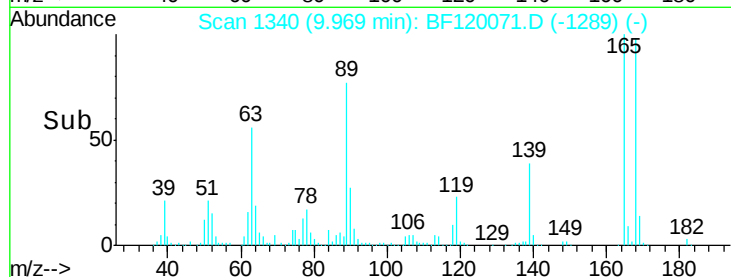
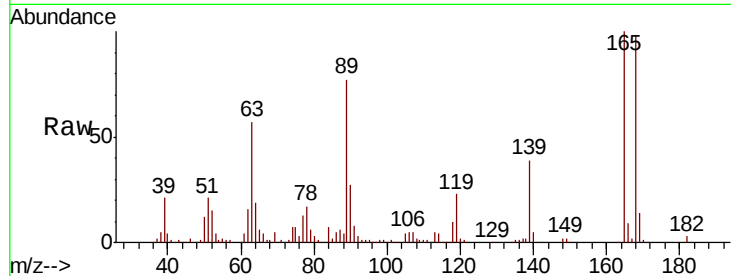
#57
 2,4-Dinitrotoluene
 Concen: 50.039 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311012		
63	56.6	40.8	61.2	
89	76.8	56.9	85.3	
182	2.5	2.0	3.0	

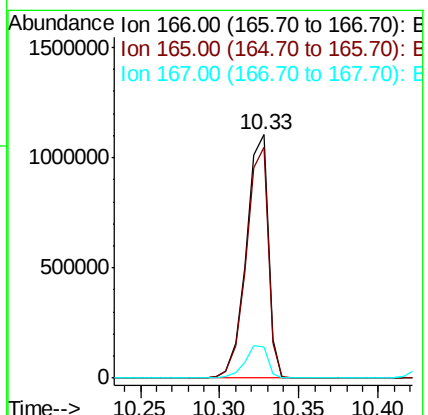
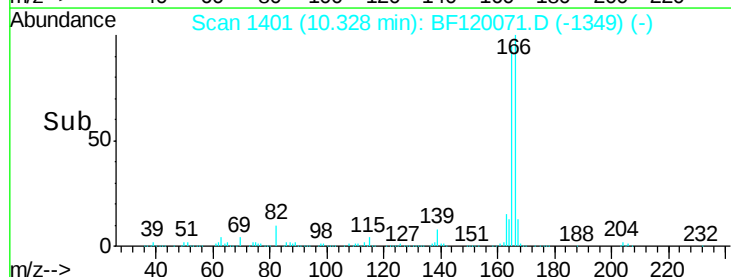
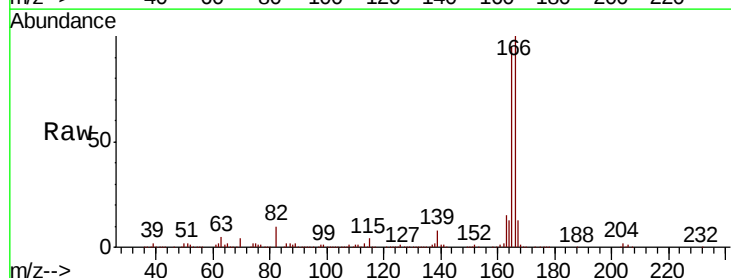
Manual Integrations
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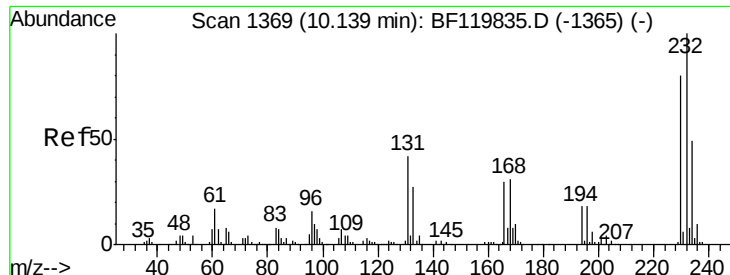
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#58
 Fluorene
 Concen: 52.468 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1057885		
165	94.8	74.2	111.2	
167	13.0	10.8	16.2	





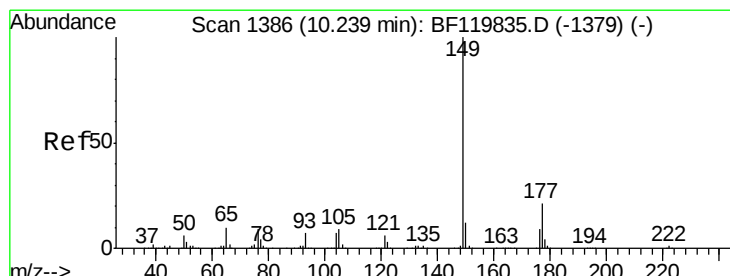
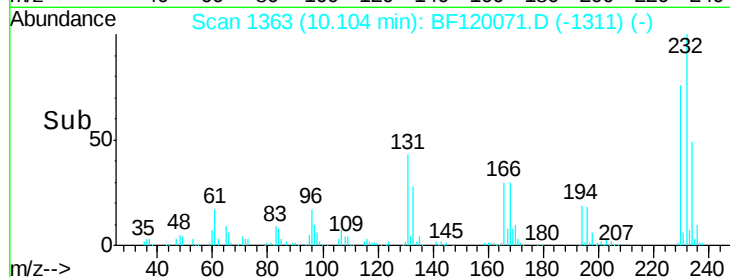
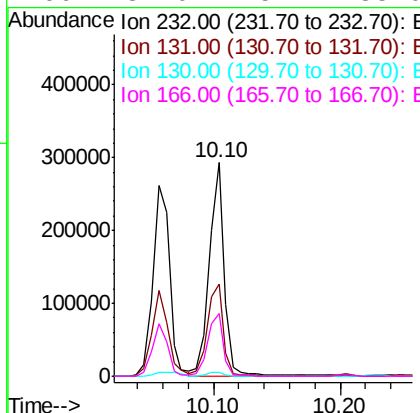
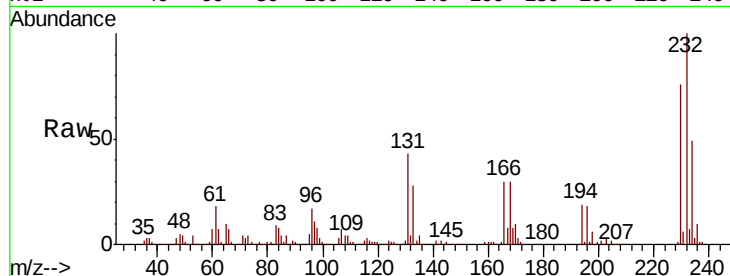
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.555 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		243608		
131	45.6	37.9	56.9		
130	2.2	1.8	2.6		
166	31.0	25.4	38.0		

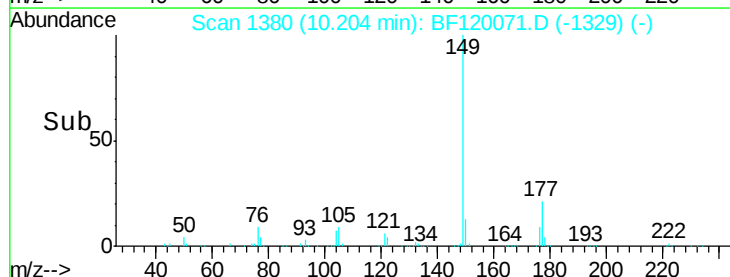
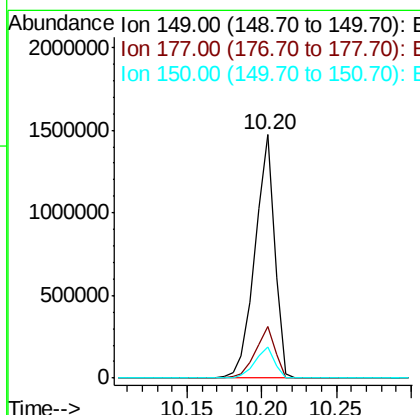
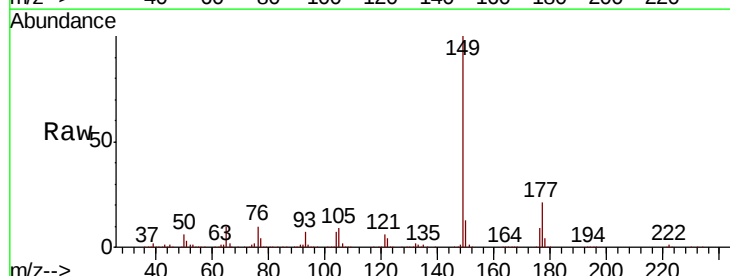
Manual Integrations
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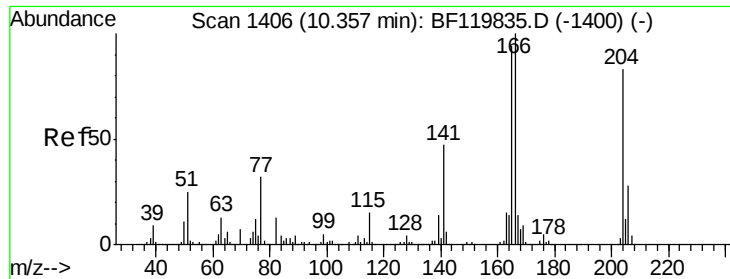
mohammad
 4/21/2020 8:22:53 AM



#60
 Diethylphthalate
 Concen: 59.795 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1335098		
177	21.3	16.8	25.2		
150	12.9	9.8	14.6		





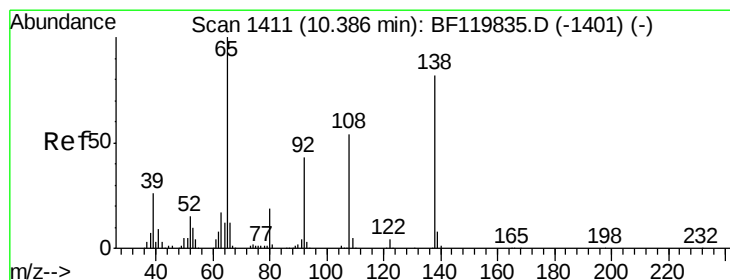
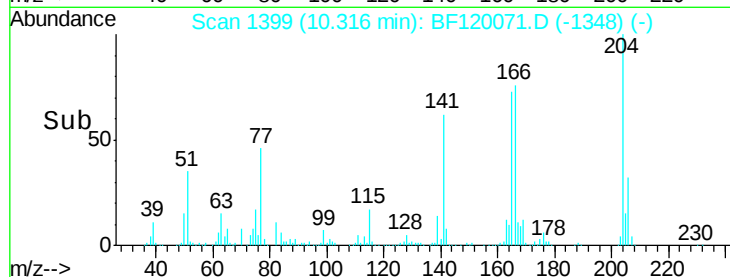
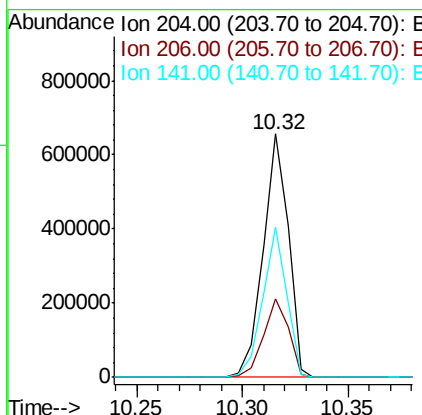
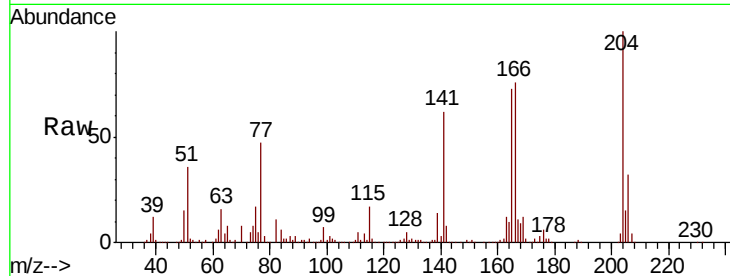
#61
 4-Chlorophenyl-phenylether
 Concen: 52.695 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion:	204	Resp:	544542
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.7	40.1
141	61.6	45.8	68.8

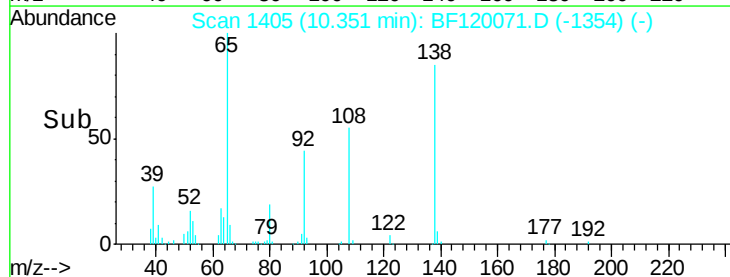
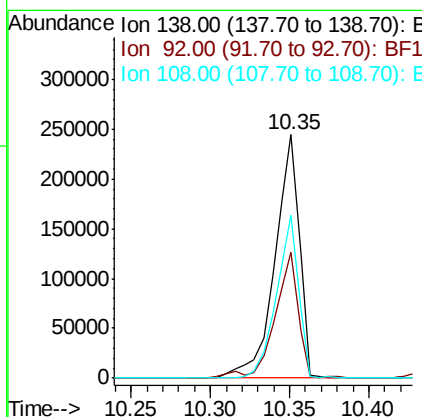
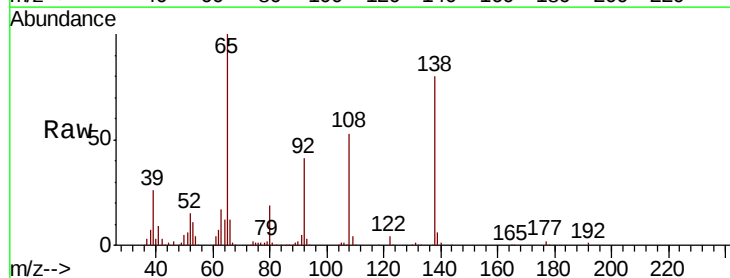
Manual Integrations
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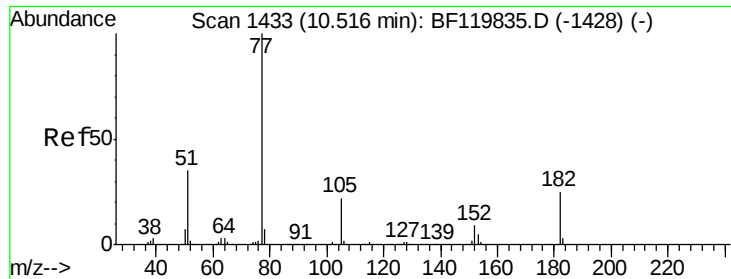
mohammad
 4/21/2020 8:22:53 AM



#62
 4-Nitroaniline
 Concen: 51.008 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:	138	Resp:	261909
Ion Ratio	Lower	Upper	
138	100		
92	51.7	31.6	71.6
108	66.8	45.2	85.2





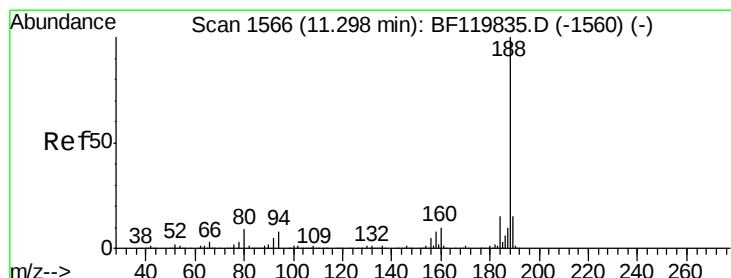
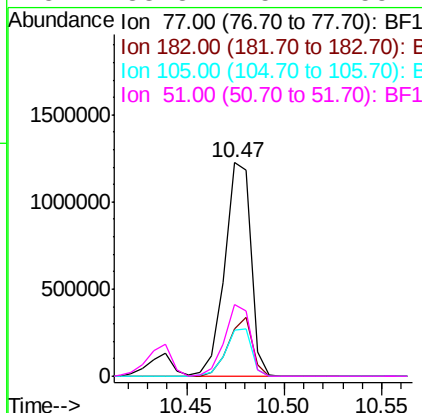
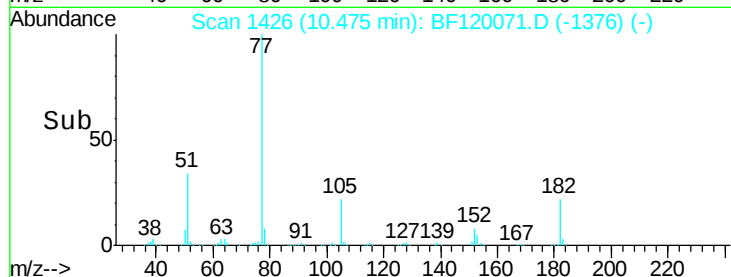
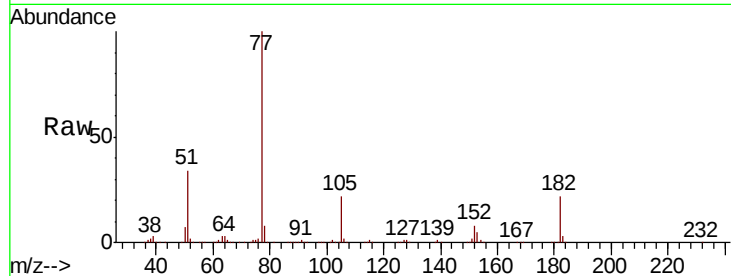
#63
Azobenzene
Concen: 56.982 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	4.5	44.5	
105	21.9	2.2	42.2	
51	33.8	15.1	55.1	

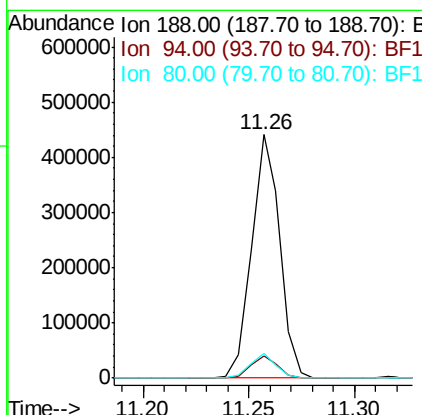
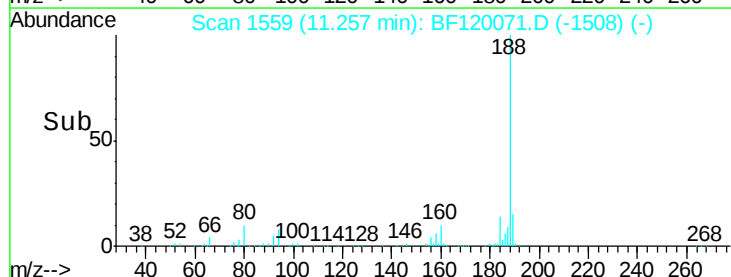
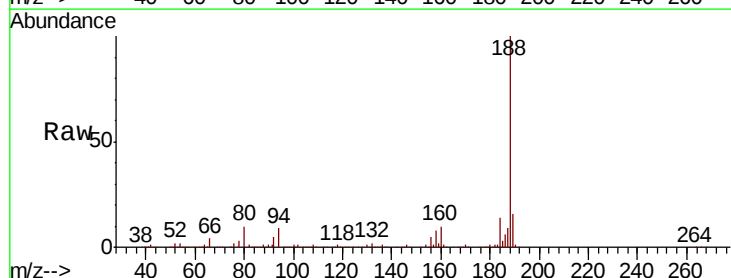
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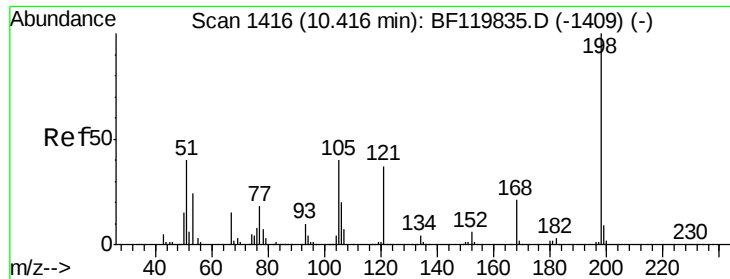
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	6.7	10.1	
80	10.3	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 10.483 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:198 Resp: 28152

Ion Ratio Lower Upper

198 100

51 44.7 25.2 65.2

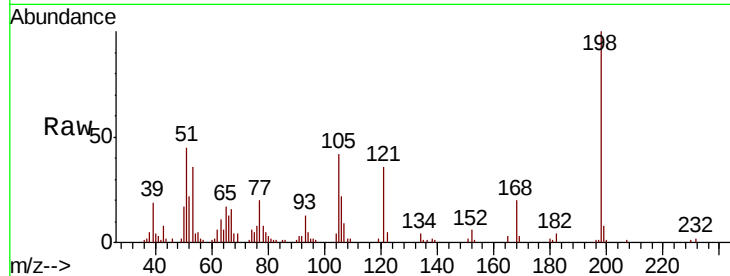
105 42.0 20.8 60.8

Manual Integrations

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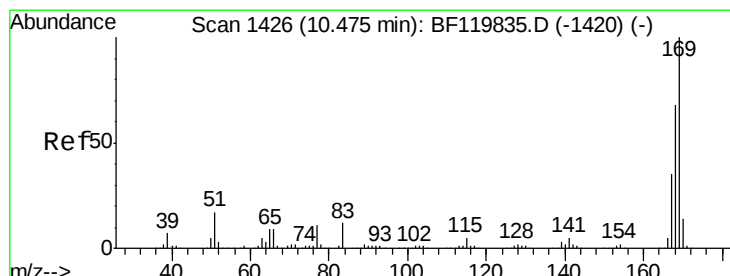
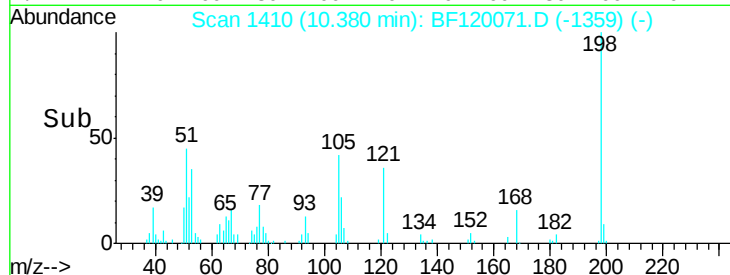
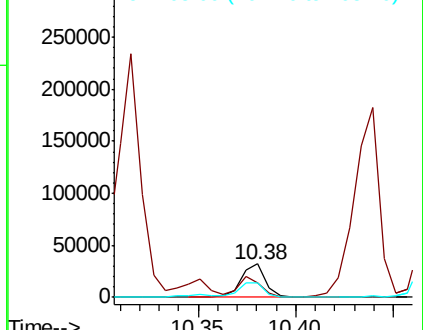
4/21/2020 8:22:53 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 72.540 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

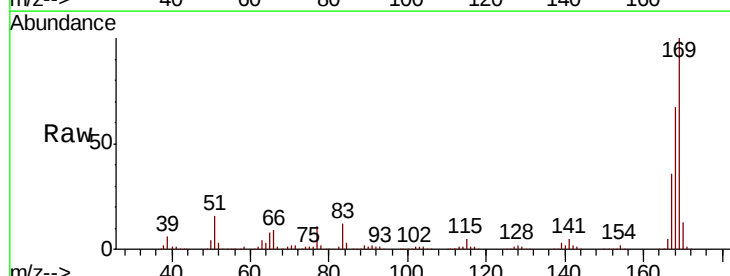
Tgt Ion:169 Resp: 983438

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.4

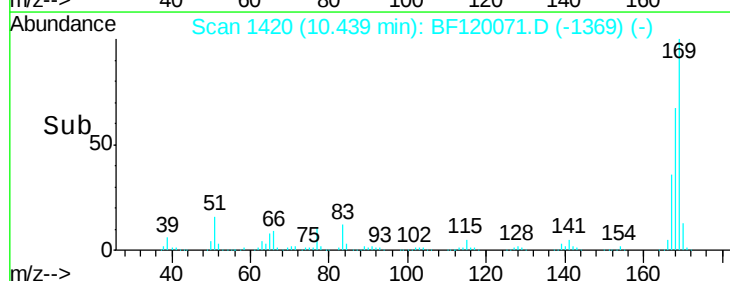
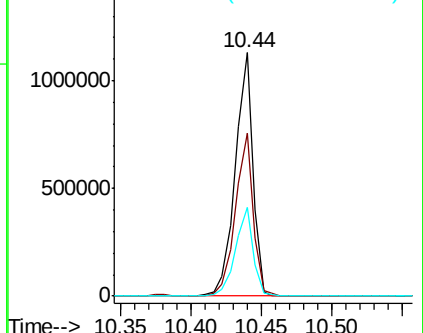
167 36.4 28.3 42.5

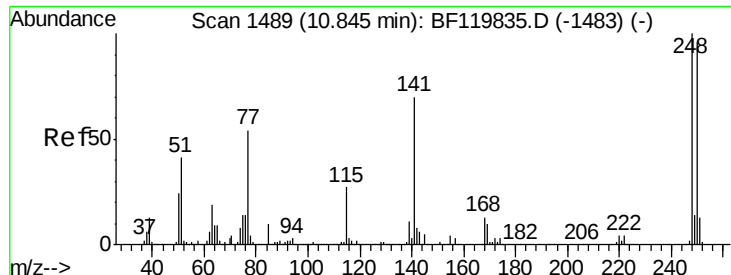


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





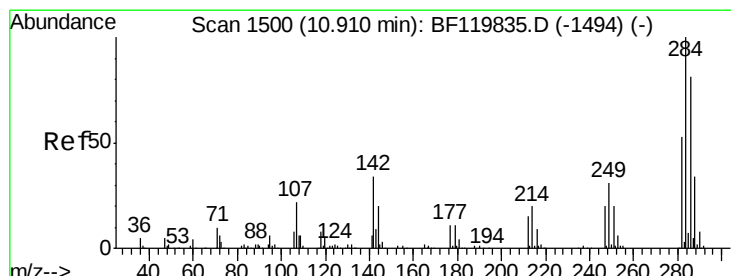
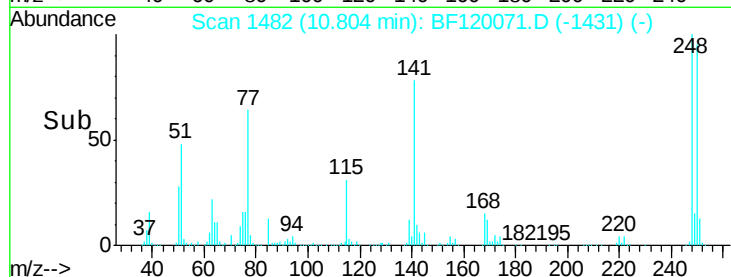
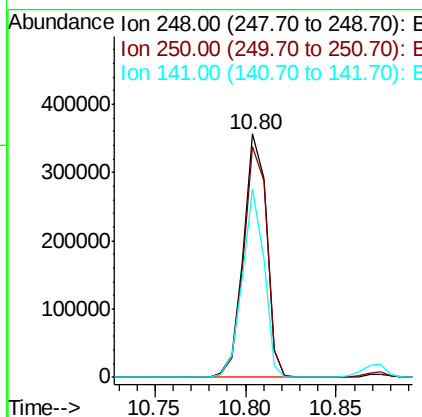
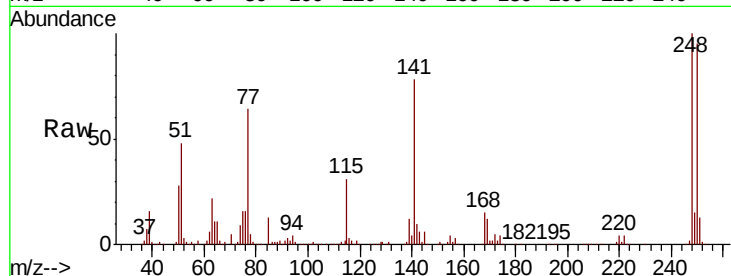
#67
 4-Bromophenyl-phenylether
 Concen: 62.578 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion:	248	Resp:	317236
Ion Ratio	Lower	Upper	
248	100		
250	94.9	76.6	114.8
141	77.7	55.9	83.9

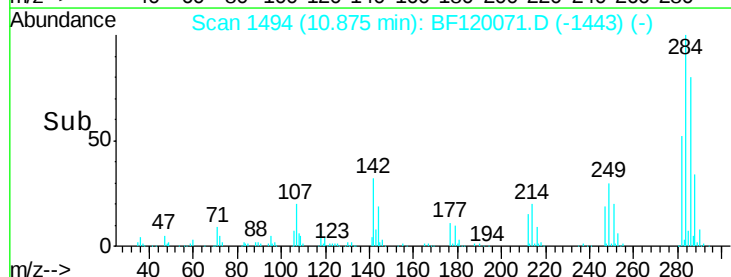
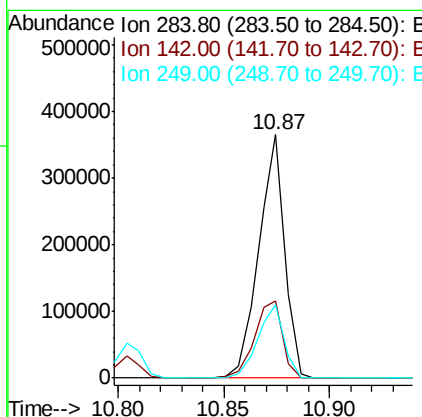
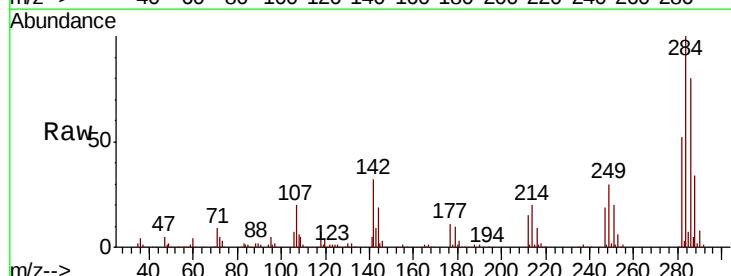
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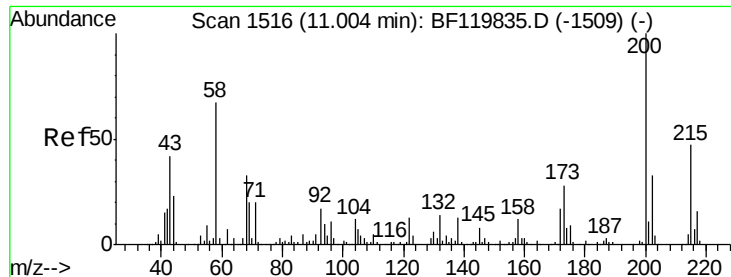
mohammad
 4/21/2020 8:22:53 AM



#68
 Hexachlorobenzene
 Concen: 60.331 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:	284	Resp:	310266
Ion Ratio	Lower	Upper	
284	100		
142	31.7	26.9	40.3
249	30.0	24.6	37.0





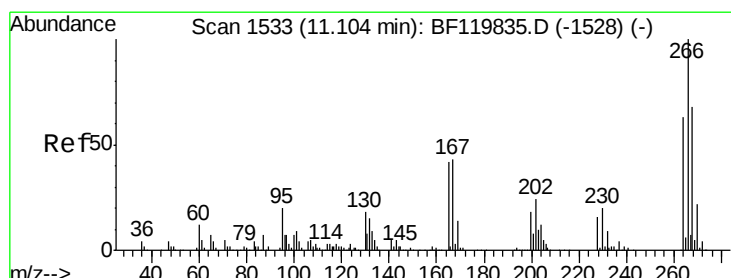
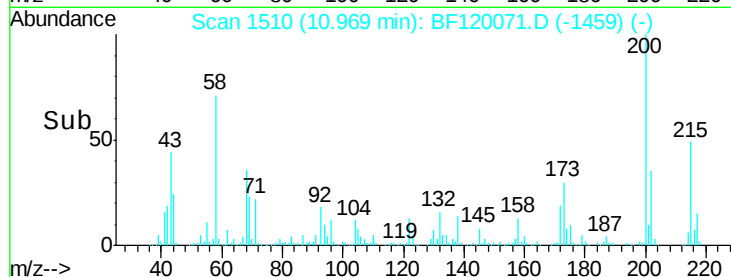
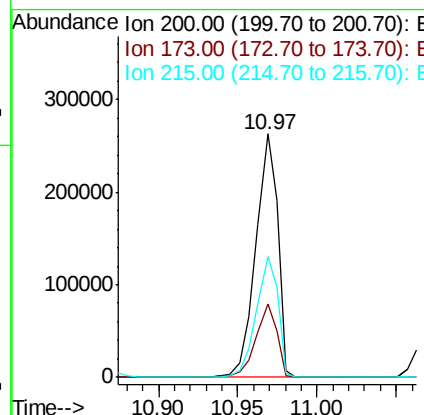
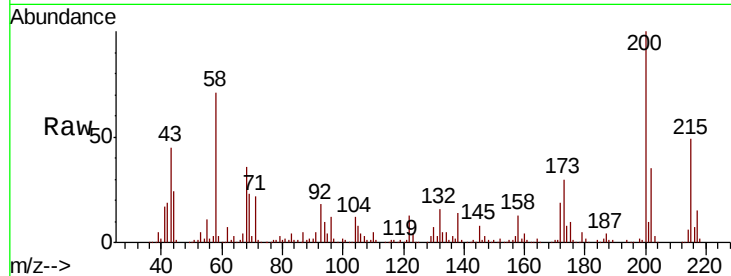
#69
Atrazine
Concen: 66.748 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.1	8.0	48.0
215	49.3	27.1	67.1

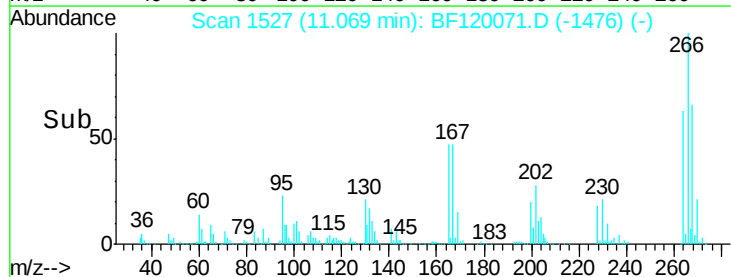
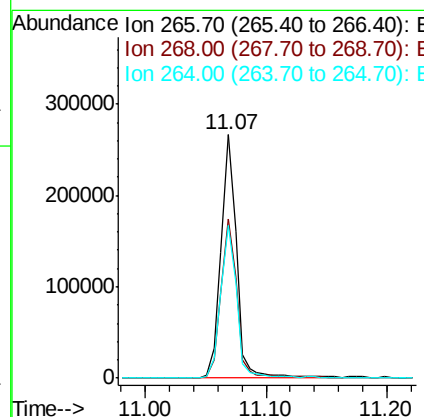
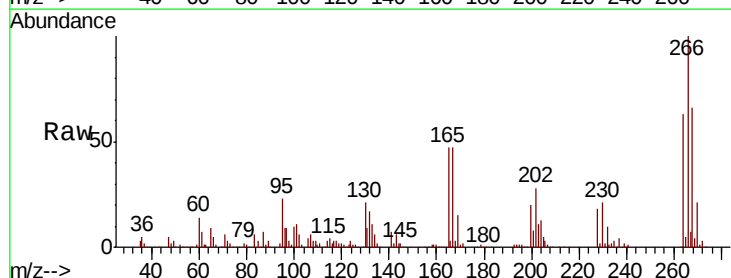
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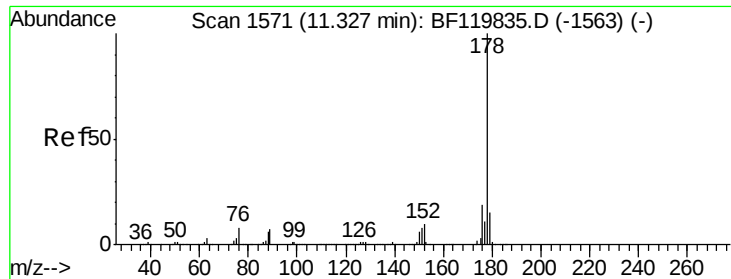
mohammad
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#70
Pentachlorophenol
Concen: 80.186 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	54.2	81.4
264	62.7	50.6	76.0





#71

Phenanthrene

Concen: 60.251 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:178 Resp: 1307156

Ion Ratio Lower Upper

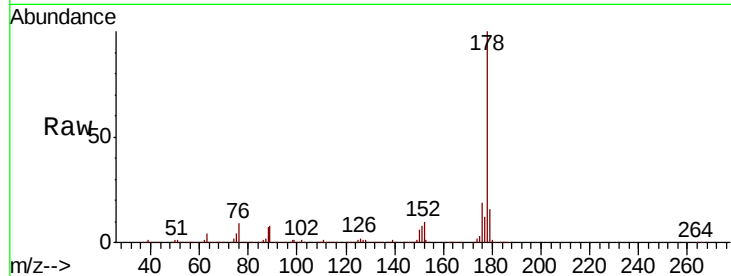
178 100

176 19.5 15.1 22.7

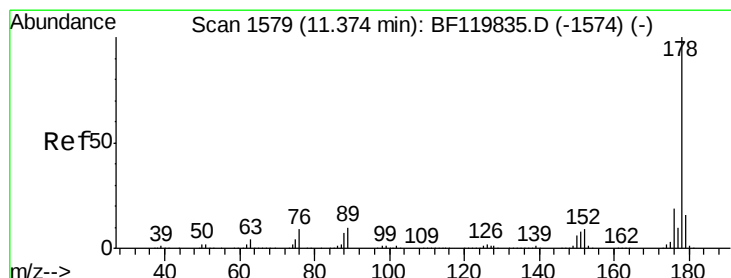
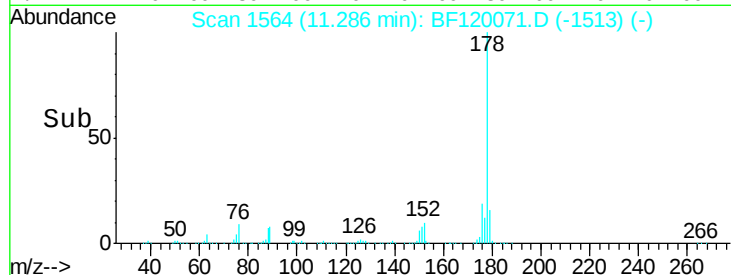
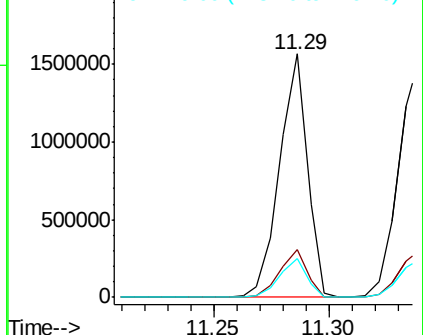
179 15.9 12.2 18.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 59.802 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:178 Resp: 1325393

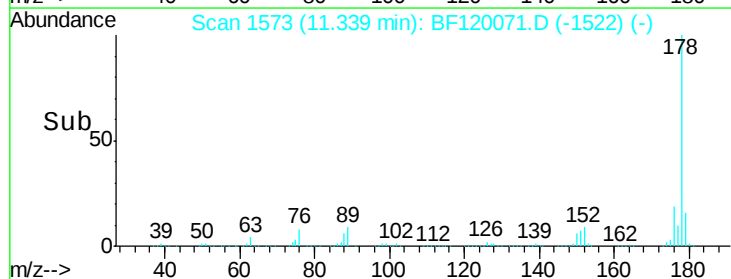
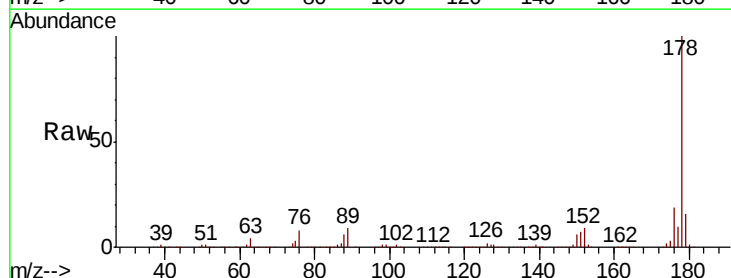
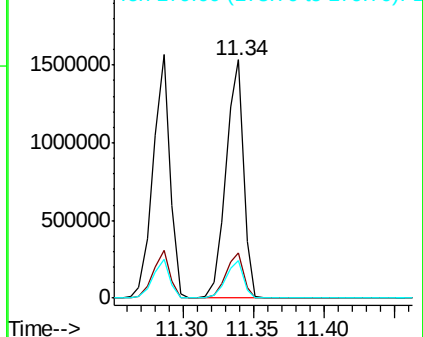
Ion Ratio Lower Upper

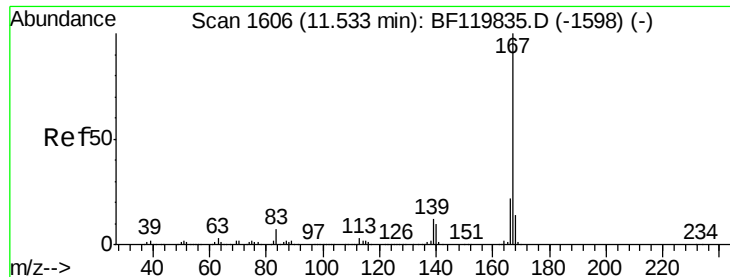
178 100

176 19.2 15.4 23.2

179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 56.088 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

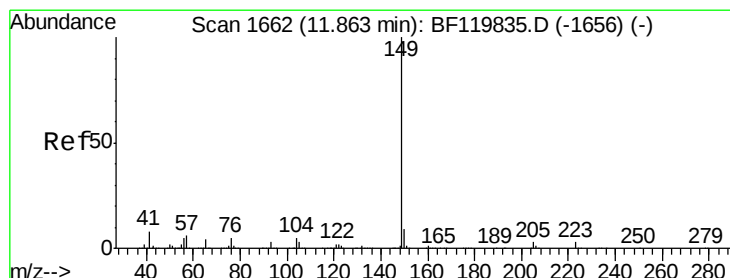
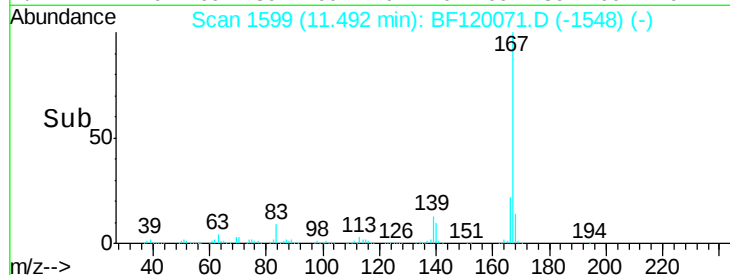
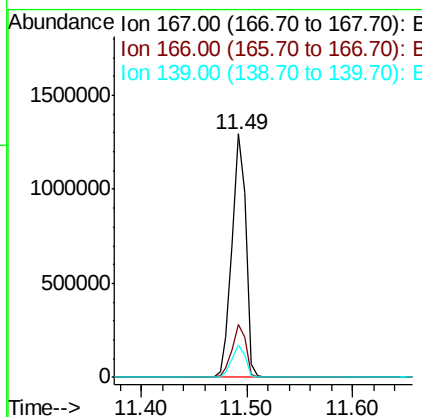
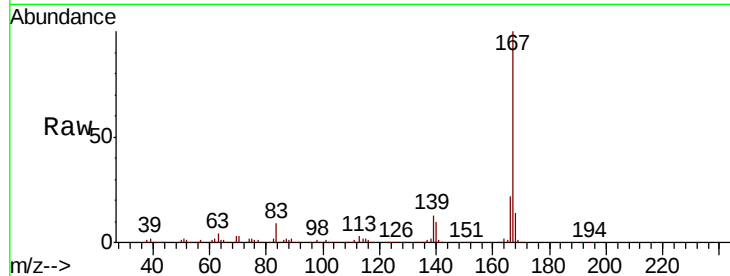
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion:167 Resp: 1175533

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.1	9.8	14.8

Manual Integrations
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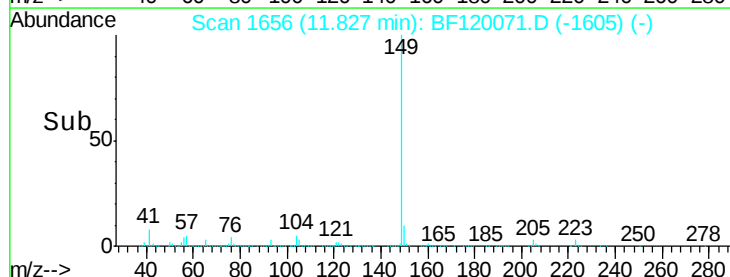
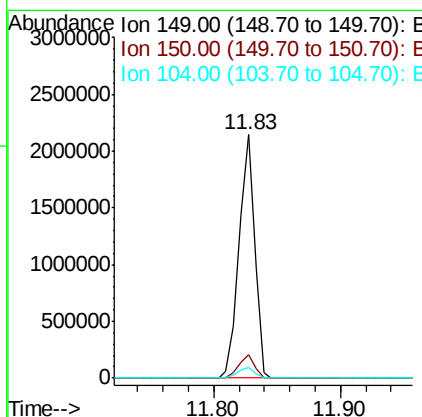
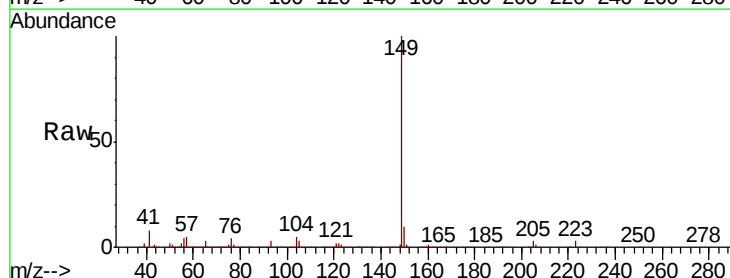
mohammad
 4/21/2020 8:22:53 AM

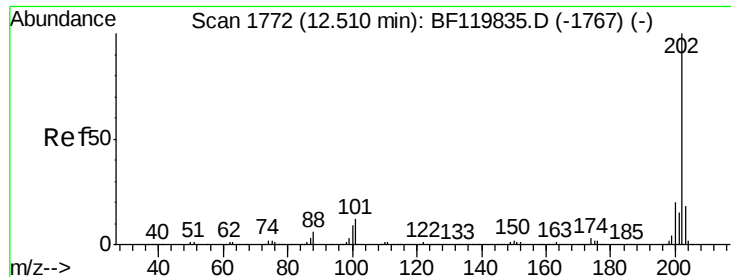


#74
 Di-n-butylphthalate
 Concen: 65.616 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:149 Resp: 1807874

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.6	3.8	5.6





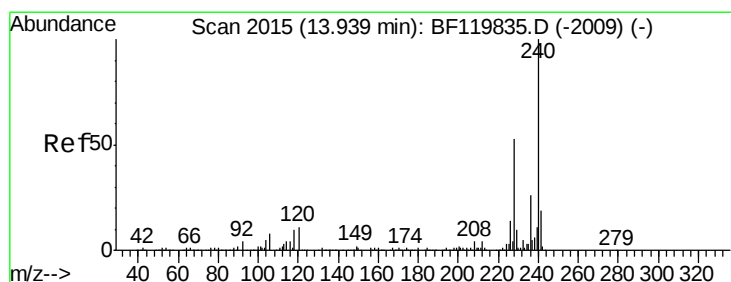
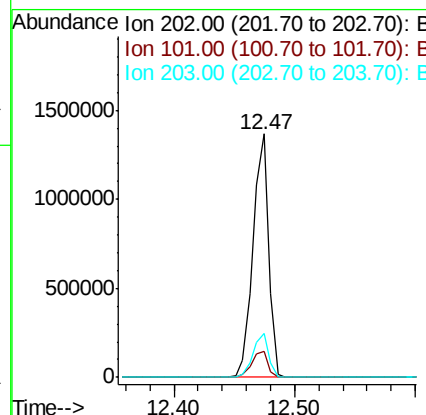
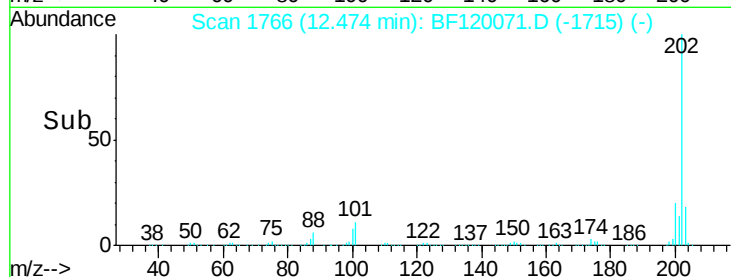
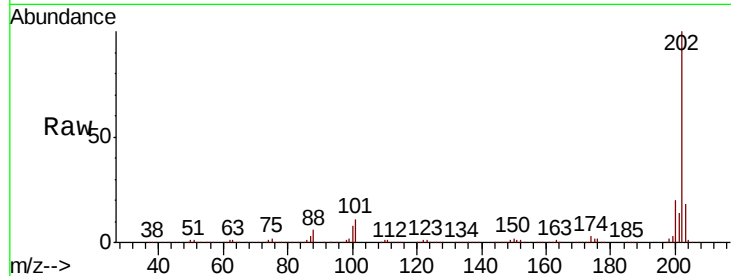
#75
Fluoranthene
Concen: 53.287 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	18.1	0.0	37.6

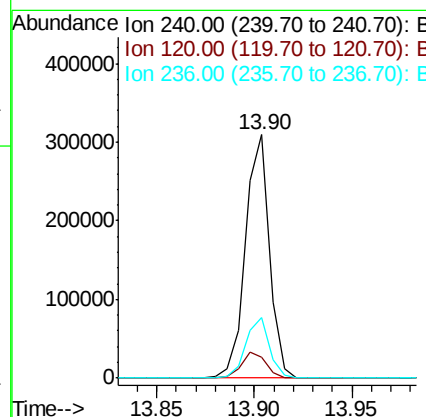
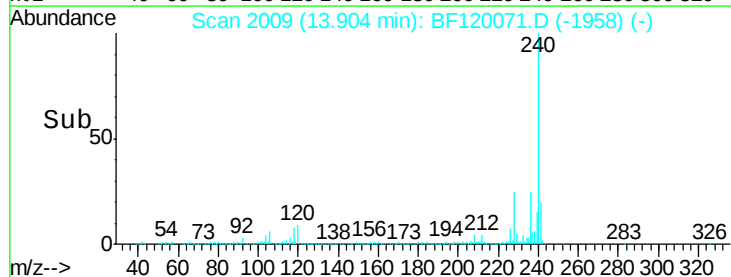
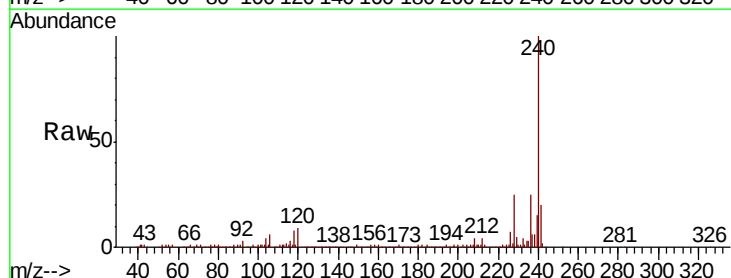
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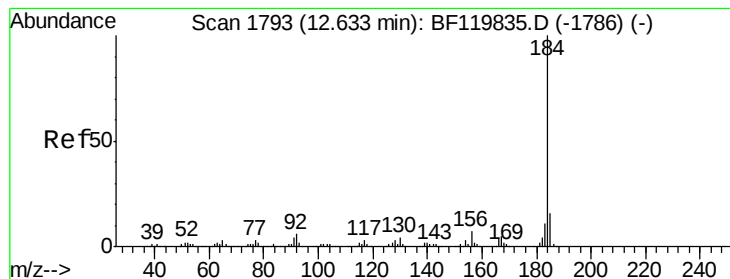
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.0	13.6#
236	24.8	20.7	31.1





#77

Benzidine

Concen: 48.150 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

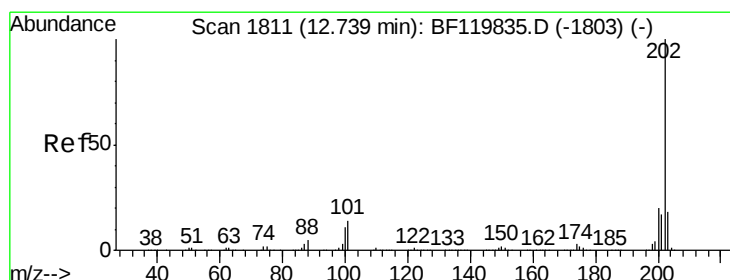
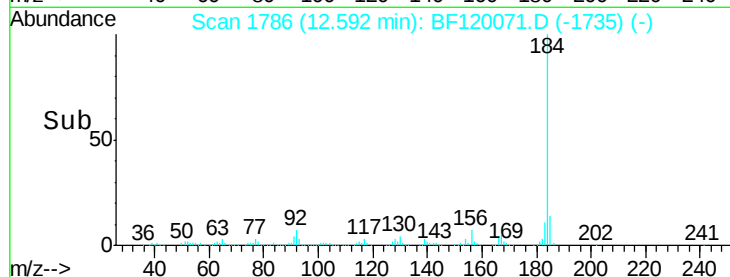
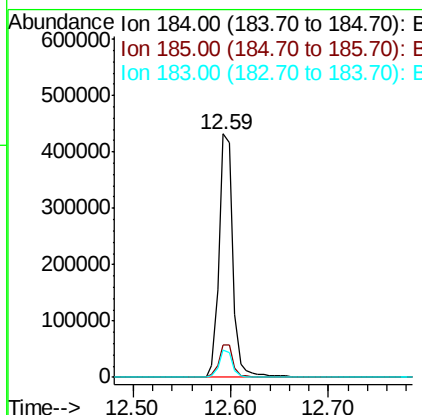
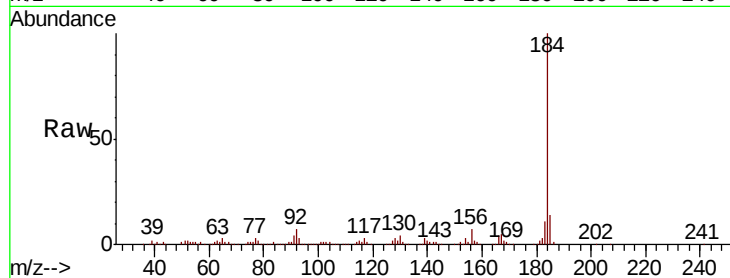
ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:	184	Resp:	427681
Ion Ratio	Lower	Upper	
184	100		
185	13.5	13.2	19.8
183	11.1	9.1	13.7

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#78

Pyrene

Concen: 56.113 ng

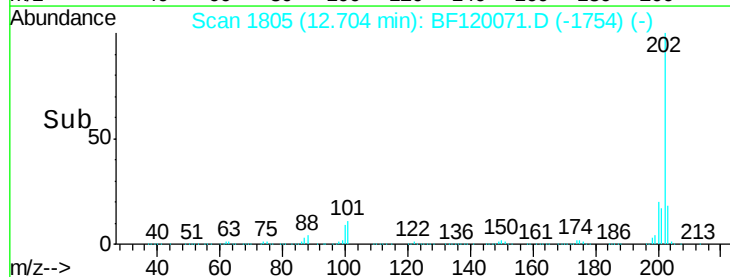
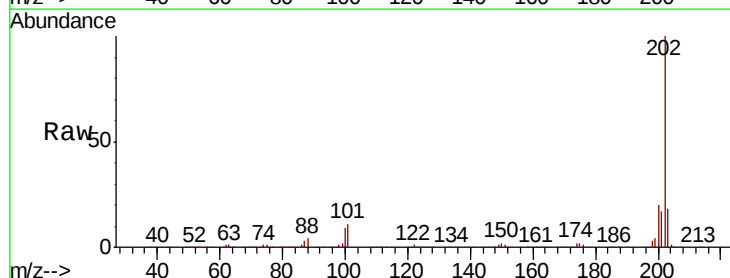
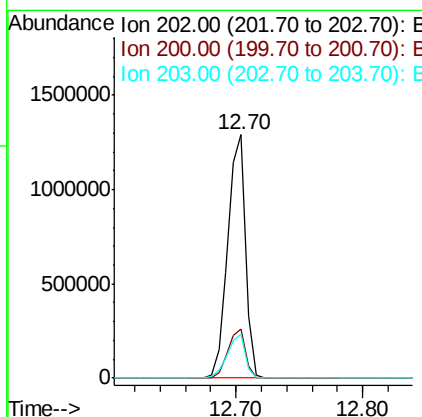
RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:	202	Resp:	1243020
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.2
203	17.9	14.1	21.1





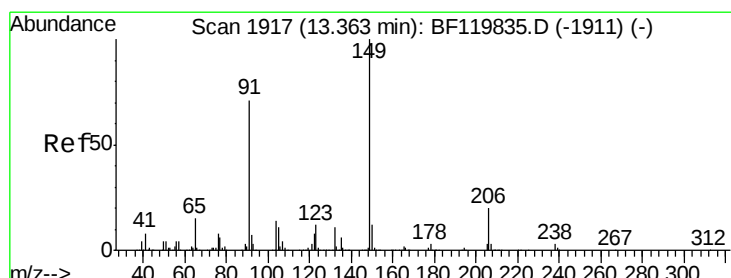
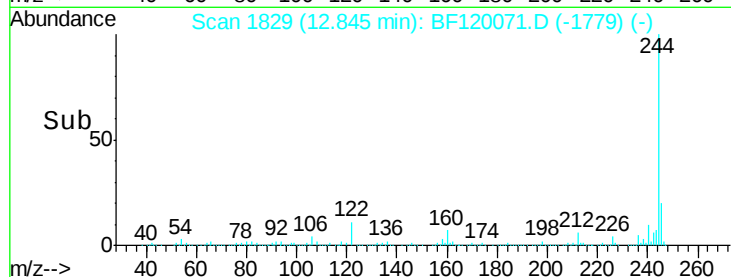
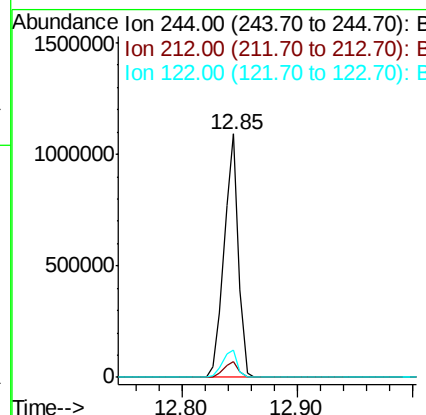
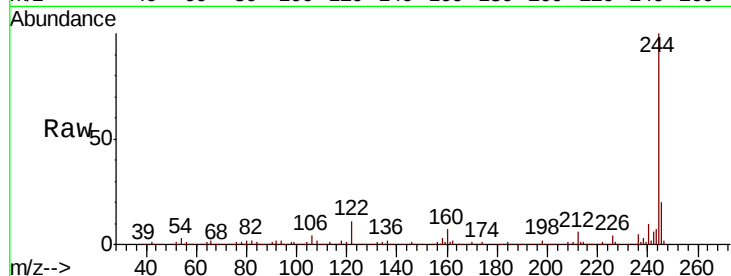
#79
 Terphenyl-d14
 Concen: 59.263 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.0	10.3	15.5

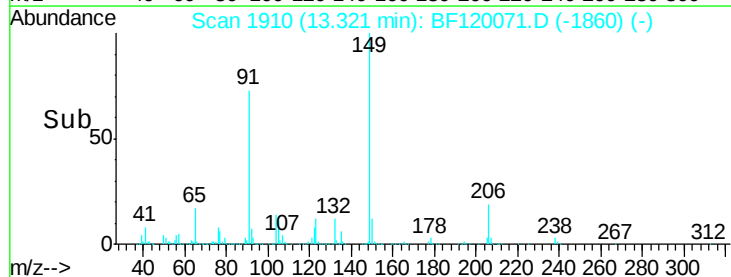
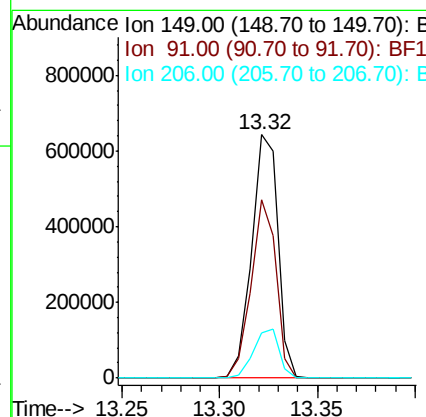
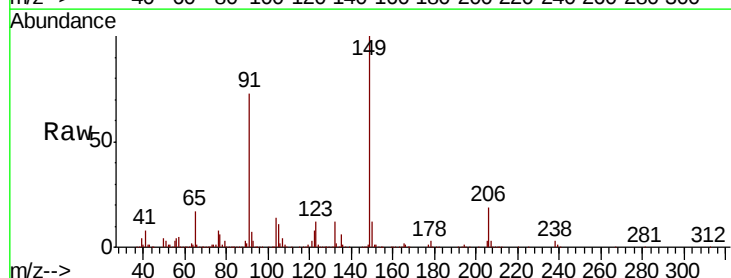
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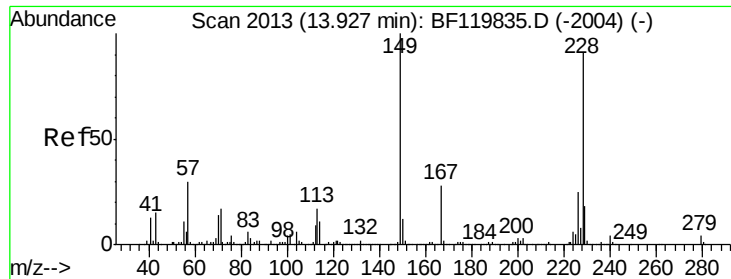
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#80
 Butylbenzylphthalate
 Concen: 55.819 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.7	85.1
206	18.8	15.7	23.5





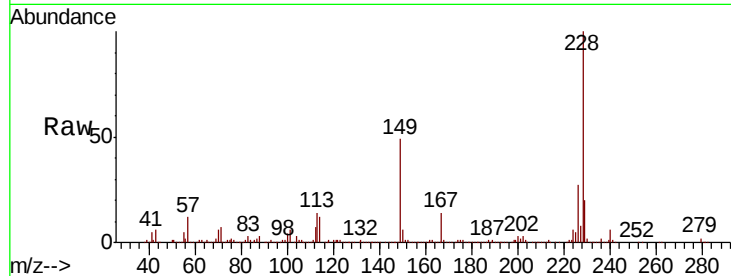
#81
Benzo(a)anthracene
Concen: 61.119 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.2	15.9	23.9

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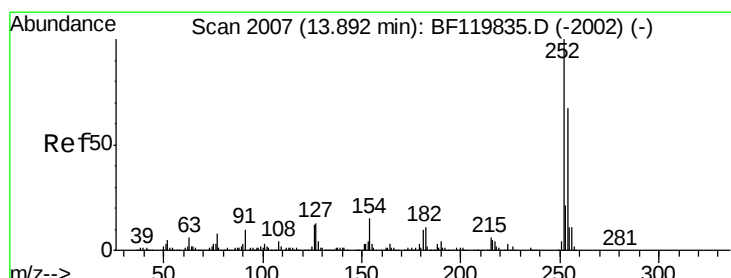
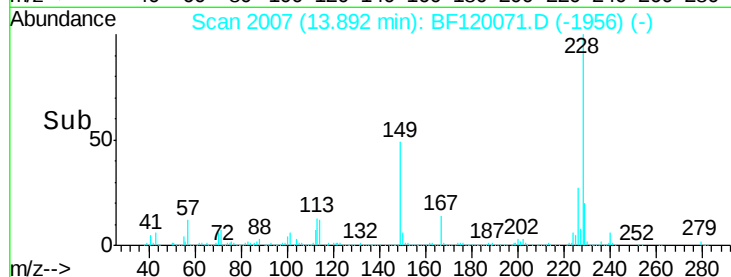
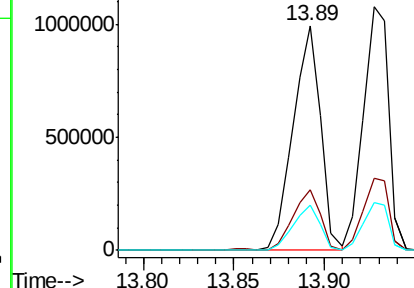


Abundance

Ion 228.00 (227.70 to 228.70): E

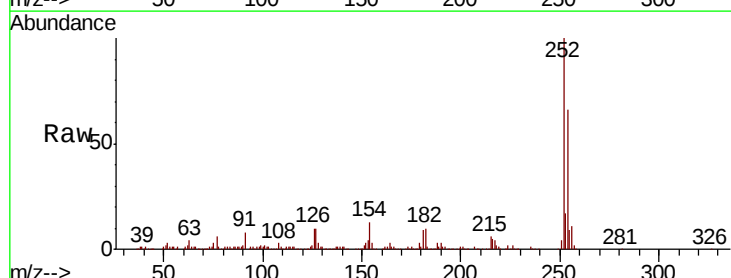
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 50.423 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.9	80.9
126	10.4	9.7	14.5

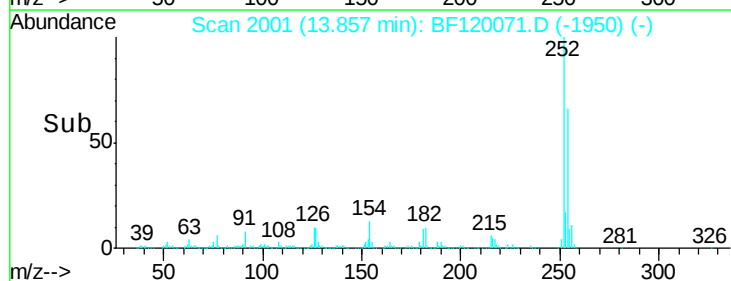
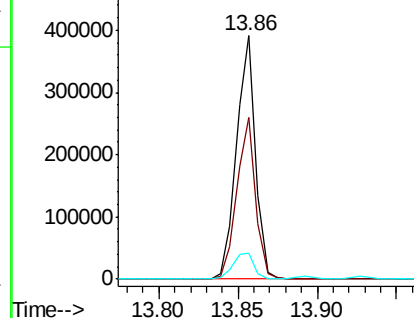


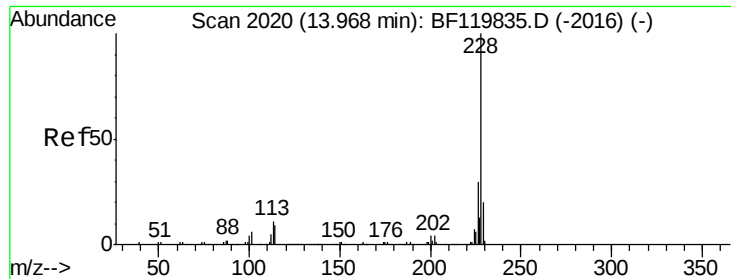
Abundance

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





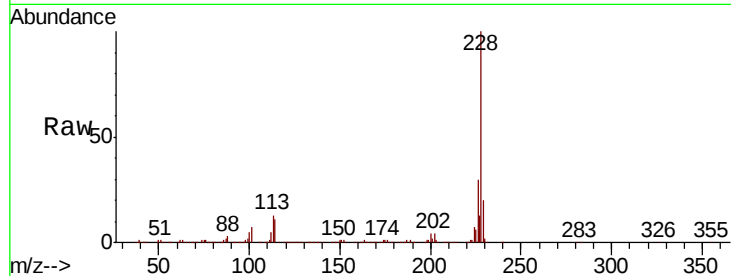
#83
Chrysene
Concen: 59.587 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.9	23.9

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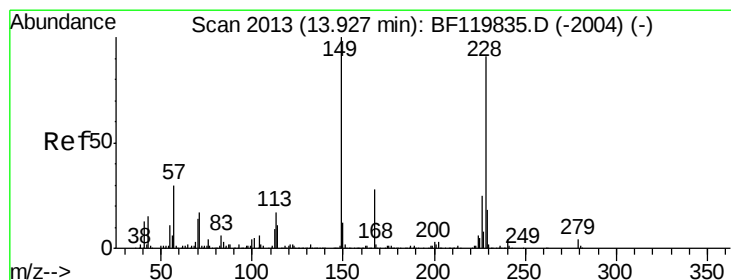
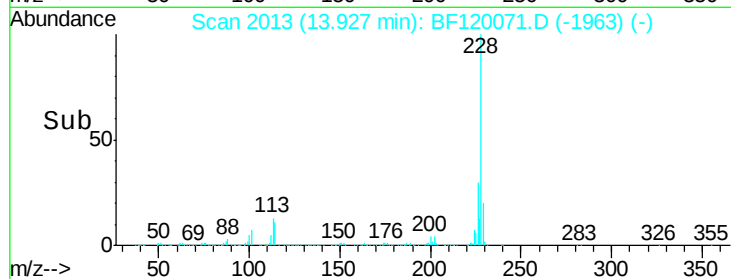
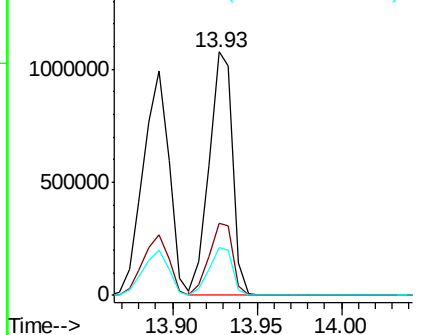


Abundance

Ion 228.00 (227.70 to 228.70): E

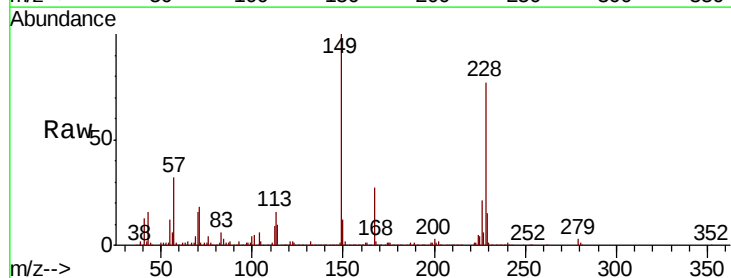
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.238 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	3.3	3.4	5.0#

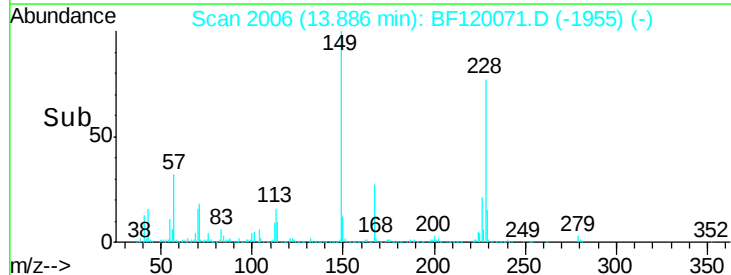
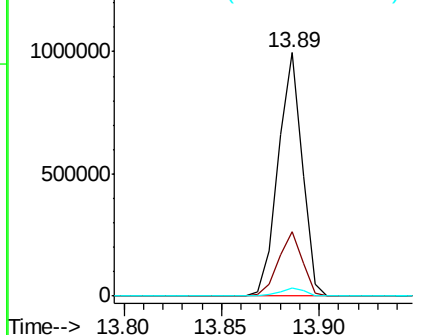


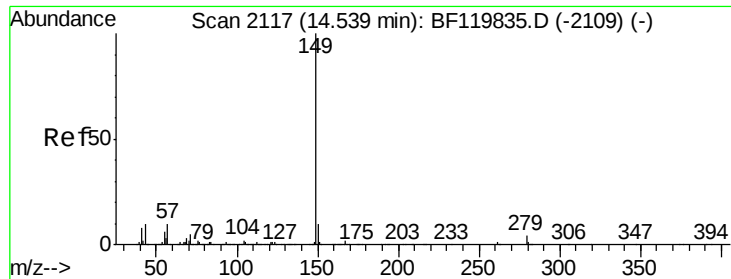
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





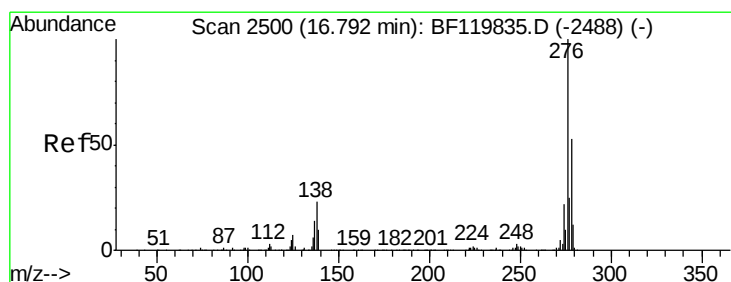
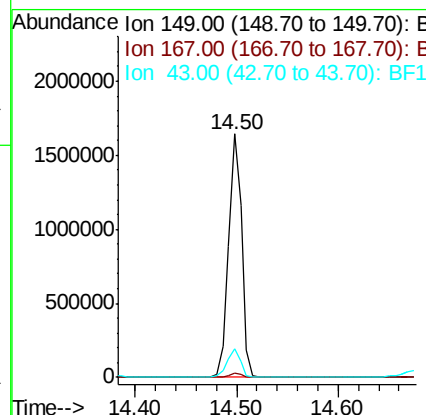
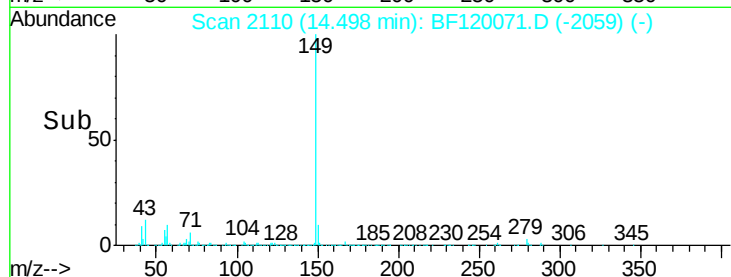
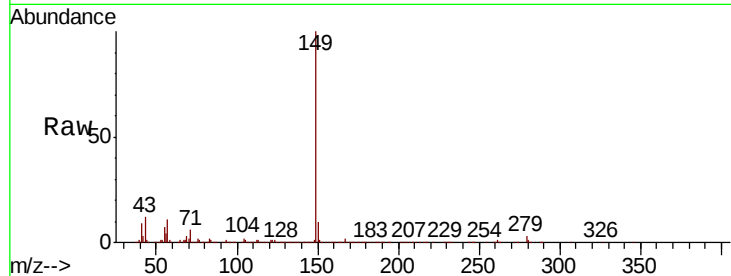
#85
Di-n-octyl phthalate
Concen: 58.713 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.8	9.2	13.8

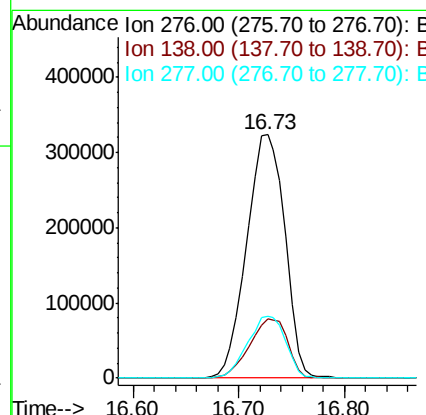
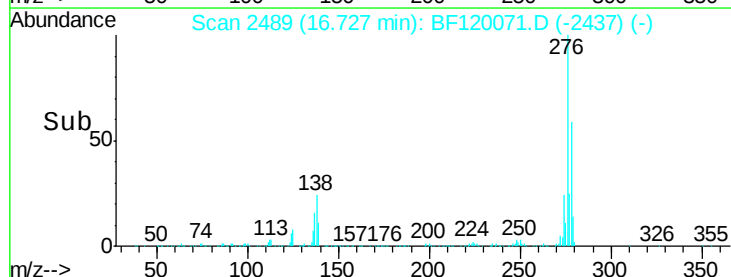
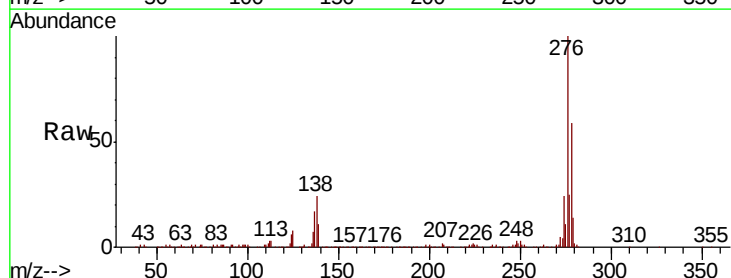
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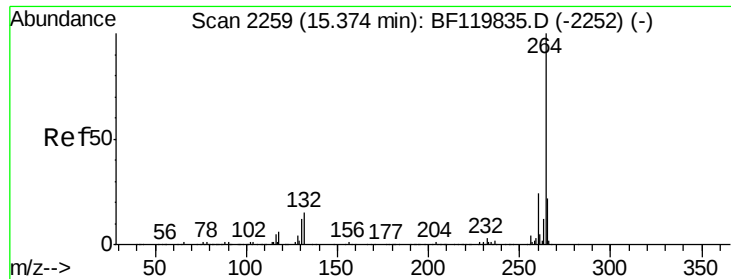
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.579 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.0	27.0
277	25.7	20.1	30.1





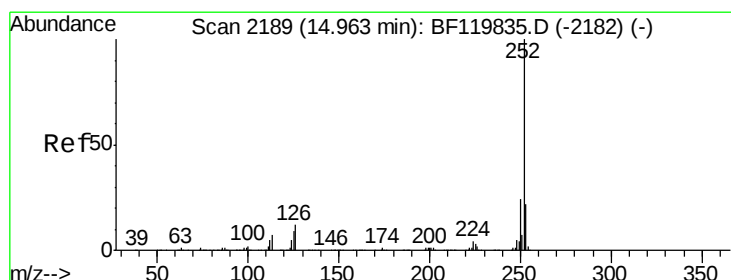
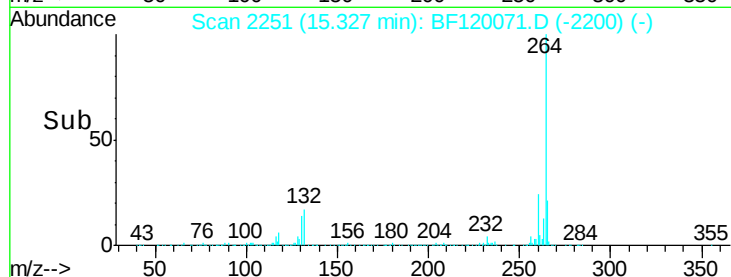
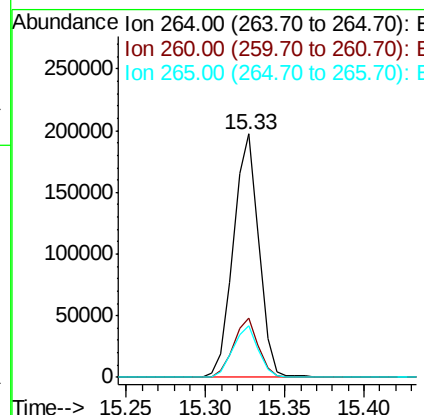
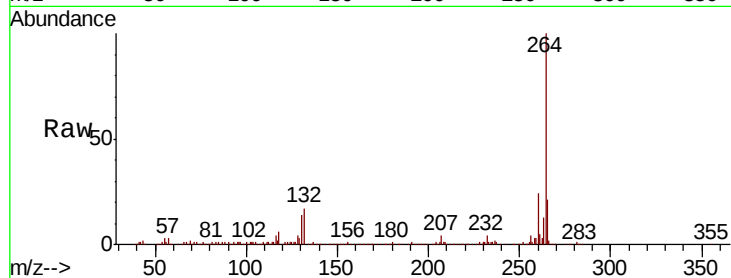
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.2	17.6	26.4

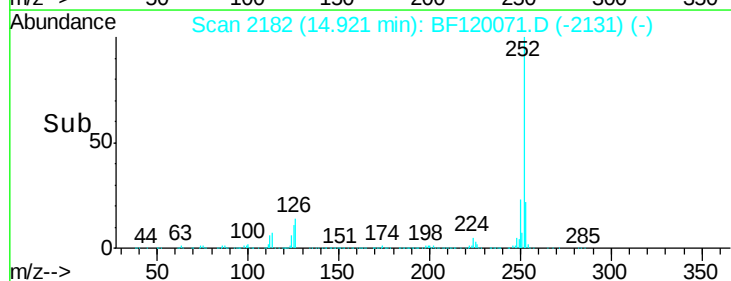
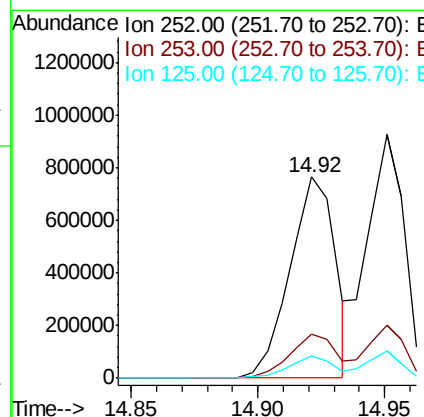
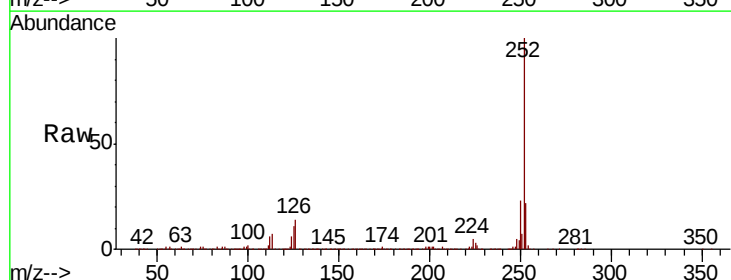
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#88
Benzo(b)fluoranthene
Concen: 60.307 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	7.4	11.2





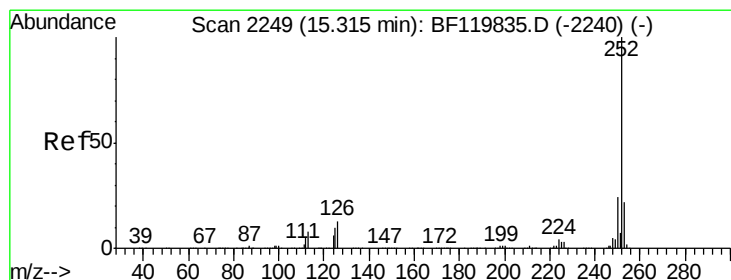
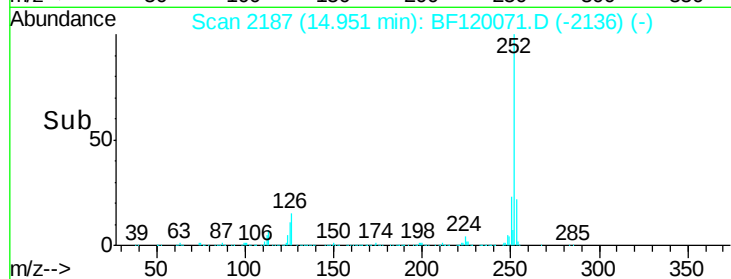
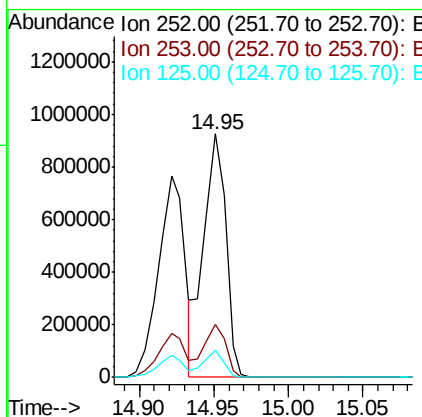
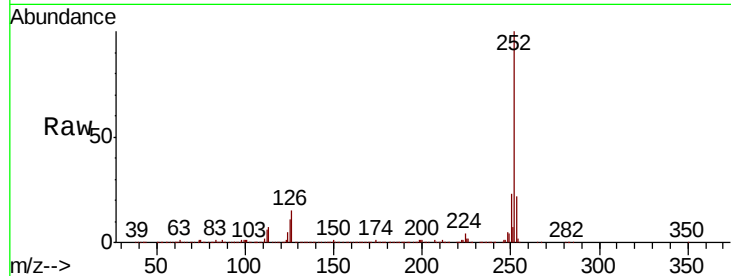
#89
Benzo(k)fluoranthene
Concen: 69.555 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.3	7.7	11.5

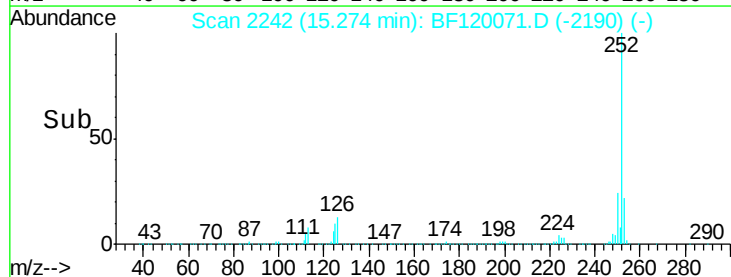
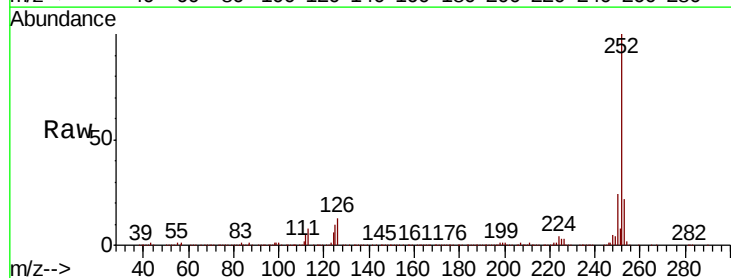
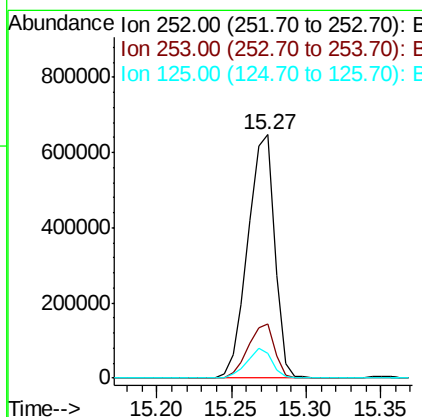
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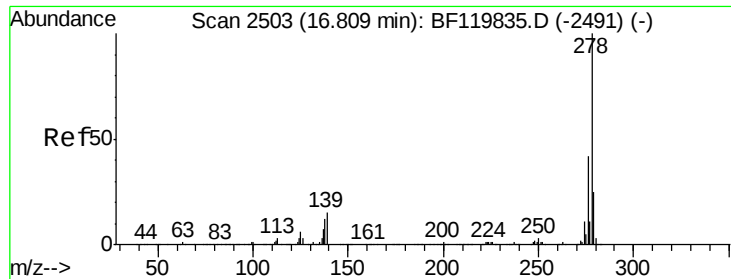
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#90
Benzo(a)pyrene
Concen: 60.559 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.2	8.3	12.5





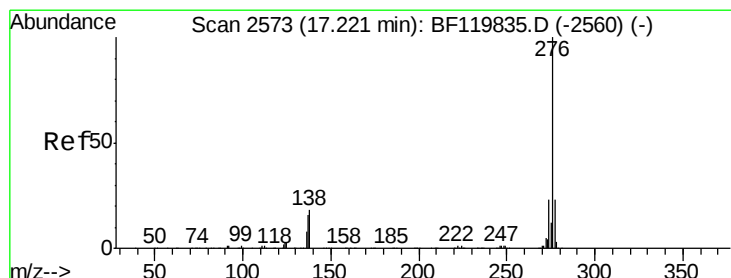
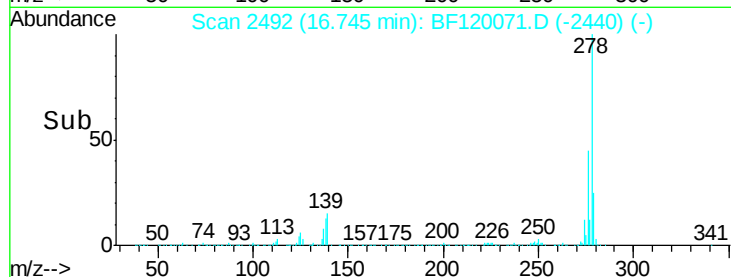
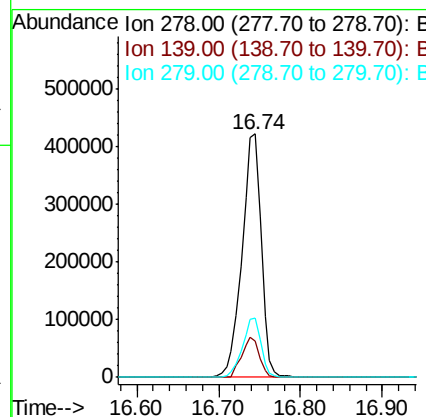
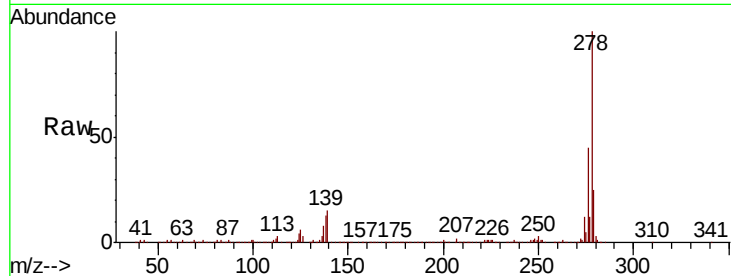
#91
Dibenzo(a,h)anthracene
Concen: 59.022 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.6	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 56.104 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	20.0	14.6	22.0

