

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124162.D
 Acq On : 7 Jun 2021 18:02
 Operator : JU/CG
 Sample : M2583-20DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 35-38DL

Quant Time: Jun 07 18:23:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

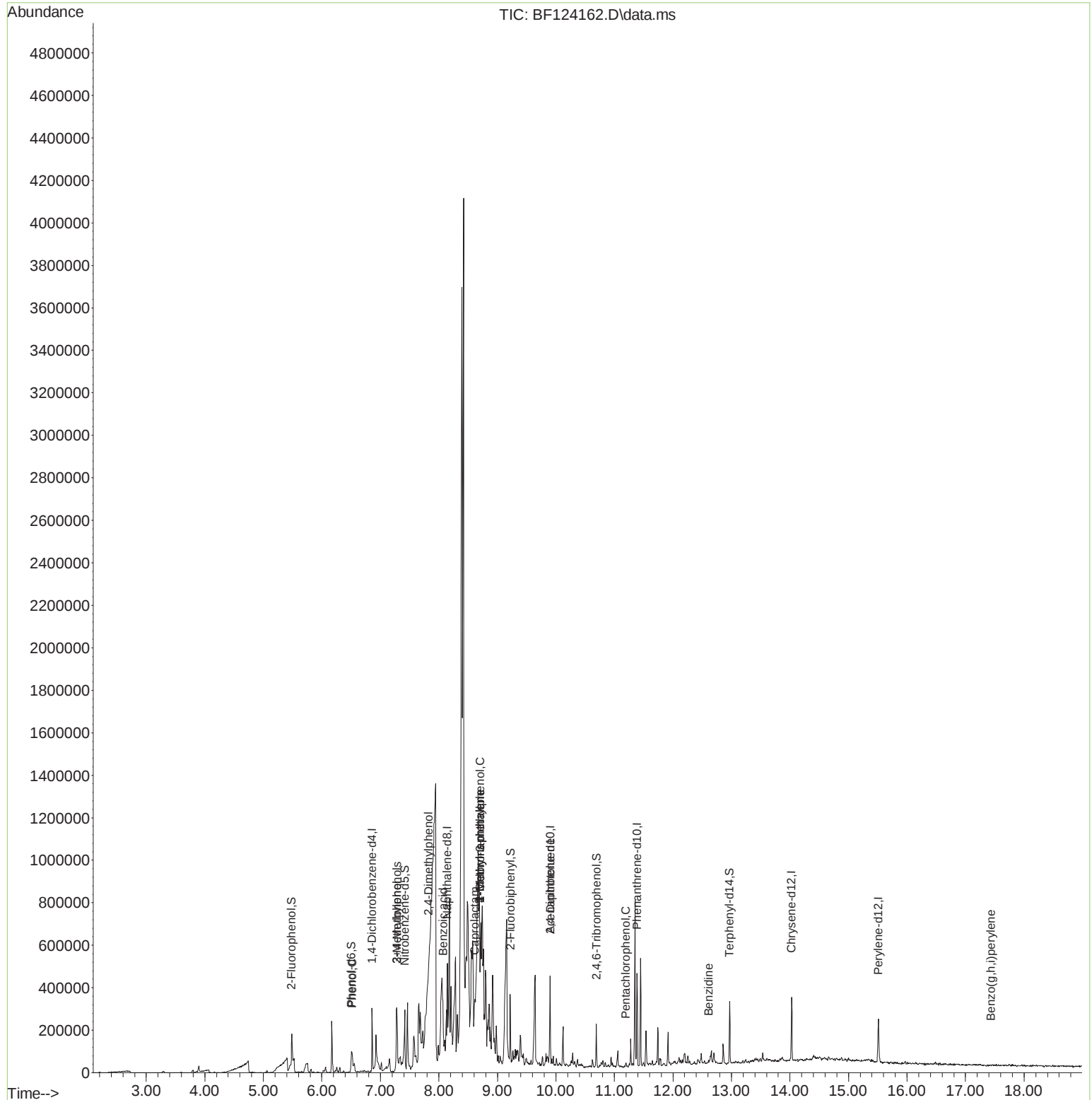
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	33388	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	135599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	76138	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	136369	20.000	ng	0.00
76) Chrysene-d12	14.027	240	85860	20.000	ng	0.00
86) Perylene-d12	15.510	264	88462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	27920	12.588	ng	0.00
7) Phenol-d6	6.504	99	23629	7.926	ng	0.00
23) Nitrobenzene-d5	7.416	82	48357	14.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	20471	18.978	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	87000	14.379	ng	0.00
79) Terphenyl-d14	12.969	244	68874	11.013	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	15390	4.777	ng	83
17) 2-Methylphenol	7.281	107	100425	50.056	ng	# 71
20) 3+4-Methylphenols	7.281	107	100425	37.778	ng	# 64
27) 2,4-Dimethylphenol	7.828	122	8319	3.851	ng	84
32) Benzoic acid	8.069	122	14912	11.249	ng	96
35) Caprolactam	8.616	113	4109	5.983	ng	# 1
36) 4-Chloro-3-methylphenol	8.710	107	20907	7.644	ng	# 93
37) 2-Methylnaphthalene	8.710	142	13443	2.365	ng	# 18
38) 1-Methylnaphthalene	8.710	142	13443	2.530	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	10955	5.751	ng	# 17
70) Pentachlorophenol	11.198	266	870	5.398	ng	# 83
77) Benzidine	12.610	184	116	4.114	ng	# 68
92) Benzo(g,h,i)perylene	17.433	276	107	3.823	ng	# 56

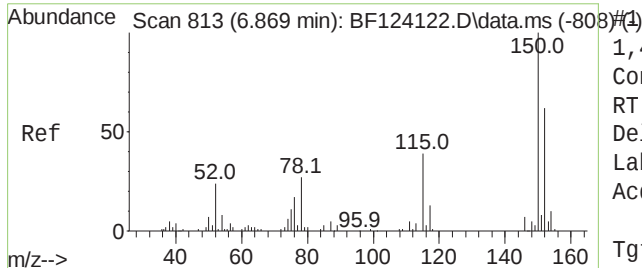
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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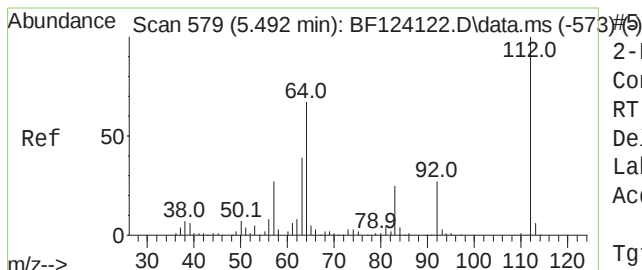
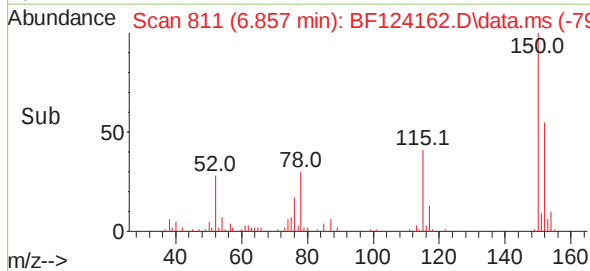
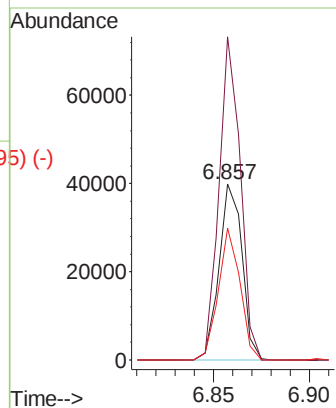
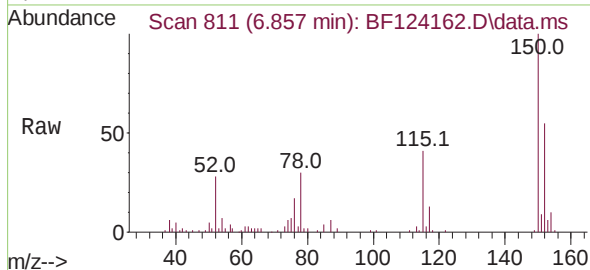




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF124162.D
 Acq: 7 Jun 2021 18:02

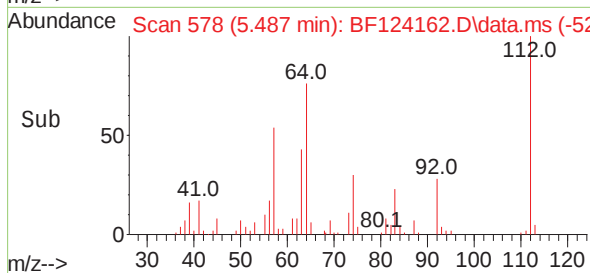
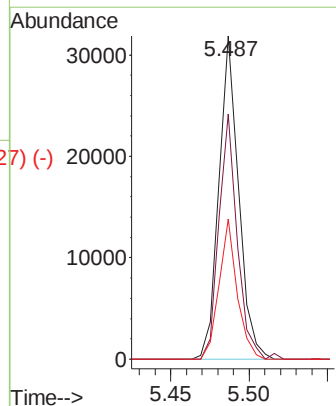
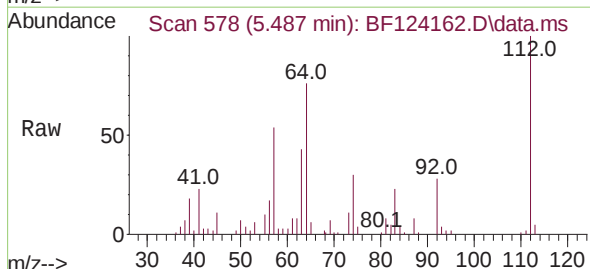
Instrument :
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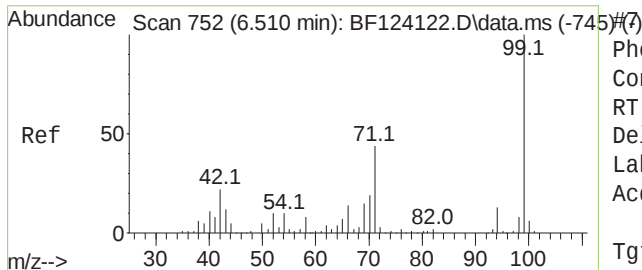
Tgt Ion:	152	Resp:	33388
Ion	Ratio	Lower	Upper
152	100		
150	183.4	127.0	190.6
115	74.8	54.3	81.5



2-Fluorophenol
 Concen: 12.588 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: BF124162.D
 Acq: 7 Jun 2021 18:02

Tgt Ion:	112	Resp:	27920
Ion	Ratio	Lower	Upper
112	100		
64	75.8	61.4	92.0
63	43.4	33.0	49.4

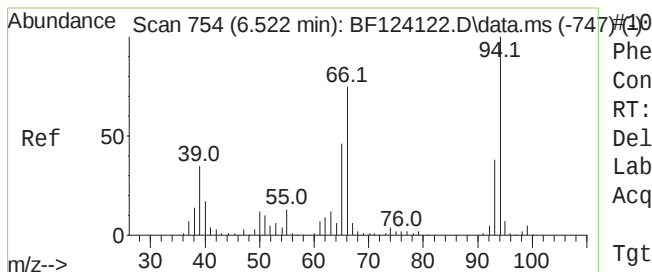
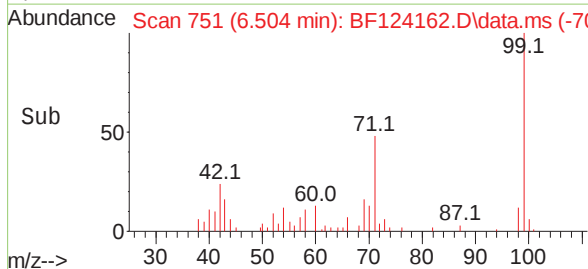
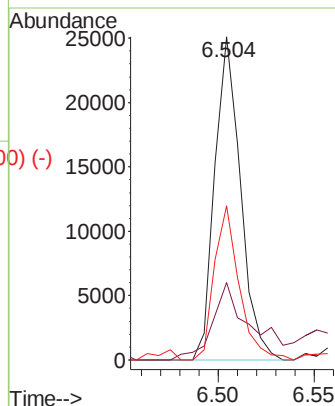
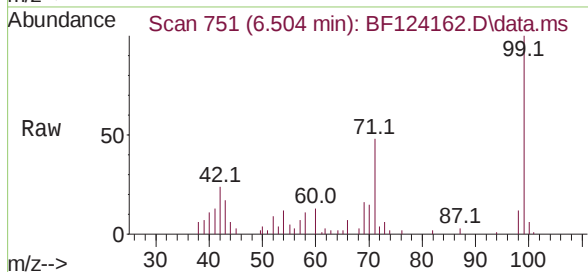




Phenol-d6
Concen: 7.926 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

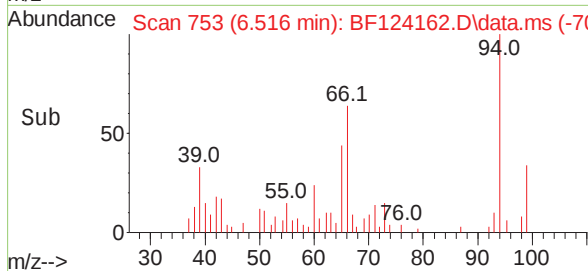
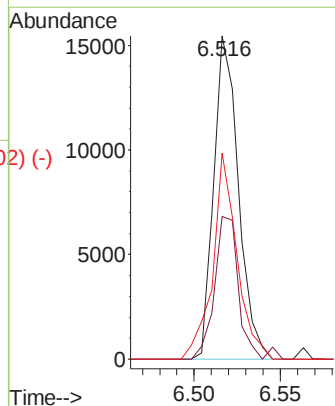
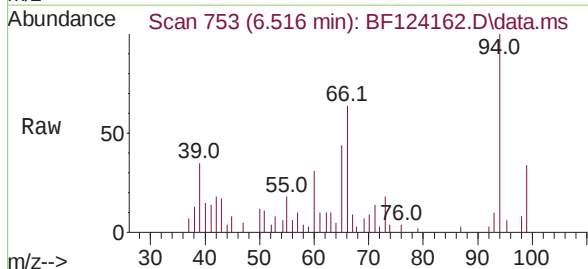
Instrument :
BNA_F
ClientSampleId :
35-38DL

Tgt Ion: 99 Resp: 23629
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.8
71 47.7 31.1 46.7#

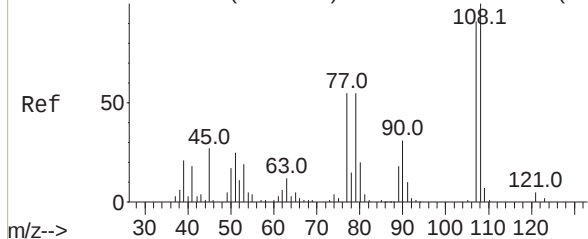


Phenol
Concen: 4.777 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion: 94 Resp: 15390
Ion Ratio Lower Upper
94 100
65 44.2 18.1 58.1
66 63.7 29.0 69.0



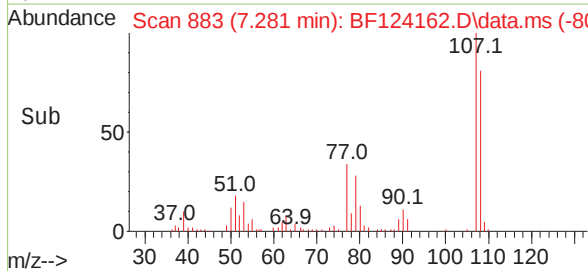
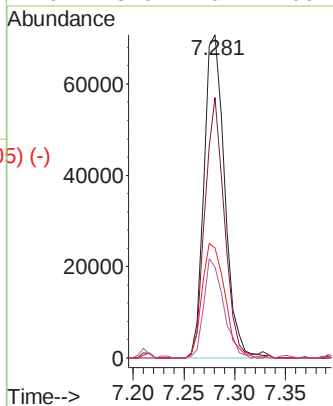
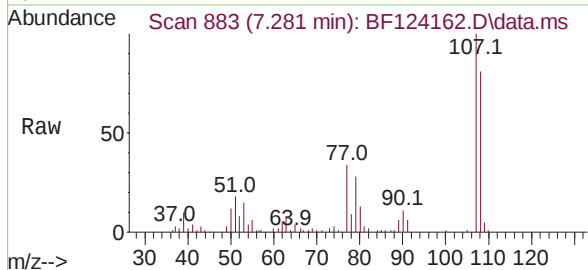
Abundance Scan 857 (7.128 min): BF124122.D\data.ms (-850) #17



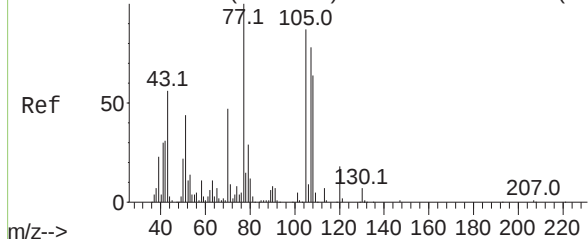
2-Methylphenol
Concen: 50.056 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.159 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL

Tgt Ion:	107	Resp:	100425
Ion	Ratio	Lower	Upper
107	100		
108	80.6	89.8	134.8#
77	34.1	40.9	61.3#
79	28.0	40.2	60.4#

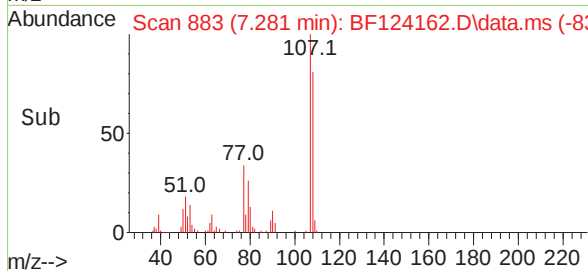
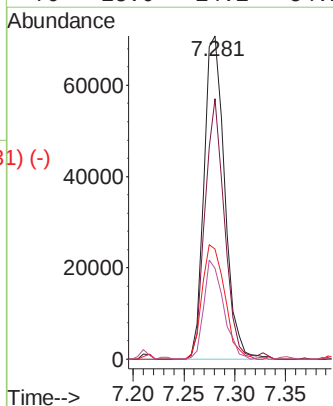
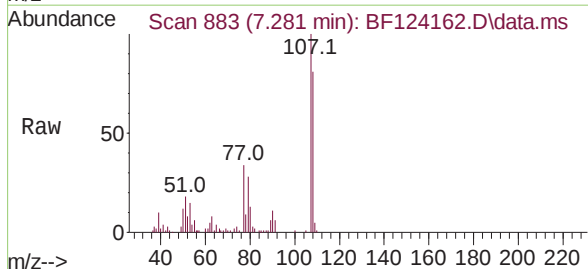


Abundance Scan 883 (7.281 min): BF124122.D\data.ms (-876) #20

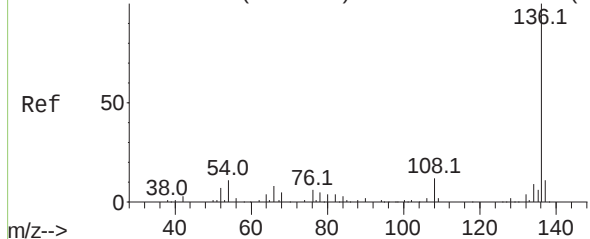


3+4-Methylphenols
Concen: 37.778 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:	107	Resp:	100425
Ion	Ratio	Lower	Upper
107	100		
108	80.6	71.5	111.5
77	34.1	82.0	122.0#
79	28.0	14.1	54.1



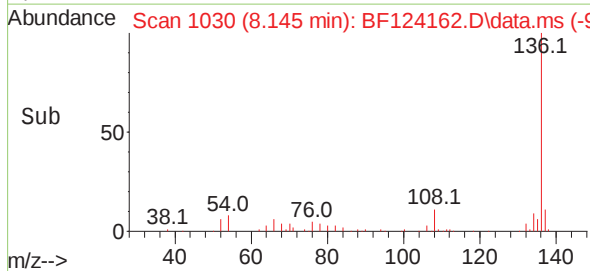
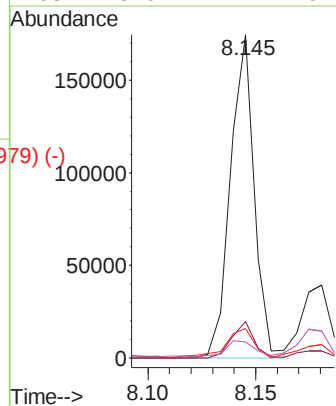
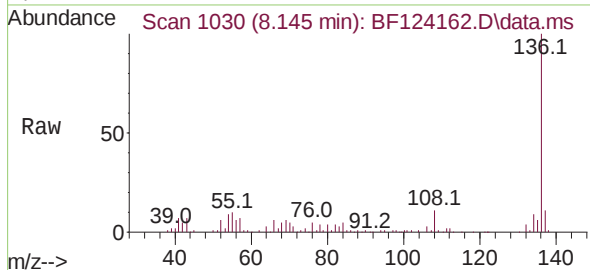
Abundance Scan 1031 (8.151 min): BF124122.D\data.ms (-10251)



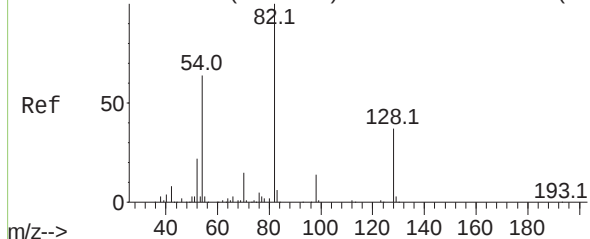
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL

Tgt Ion:	136	Resp:	135599
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.1	9.8	14.6#
68	5.0	4.1	6.1

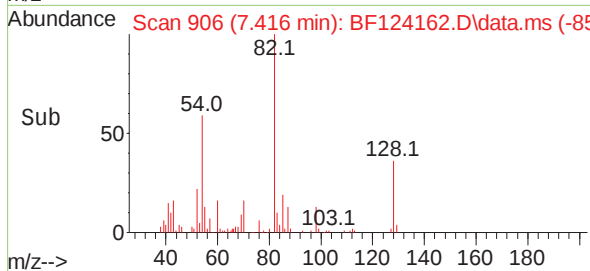
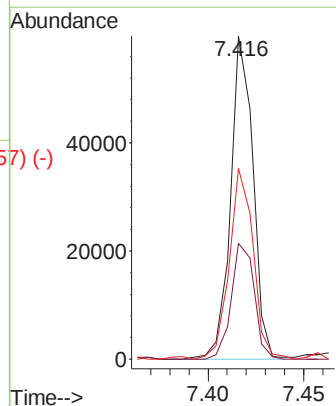
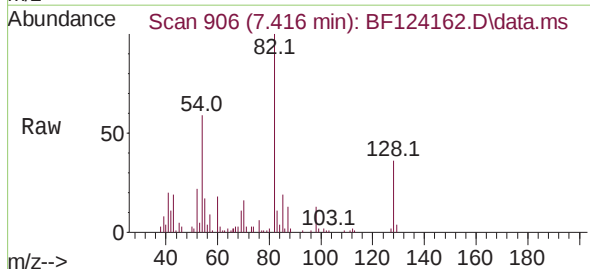


Abundance Scan 909 (7.434 min): BF124122.D\data.ms (-903#23)

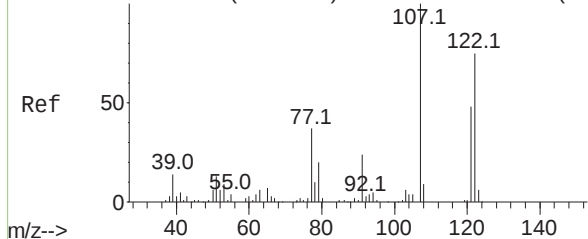


Nitrobenzene-d5
Concen: 14.144 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:	82	Resp:	48357
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.4	44.2
54	58.9	54.1	81.1



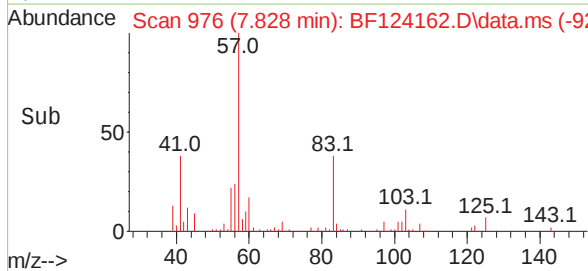
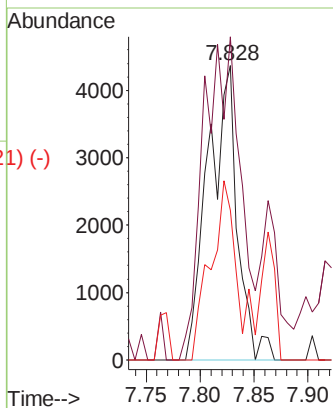
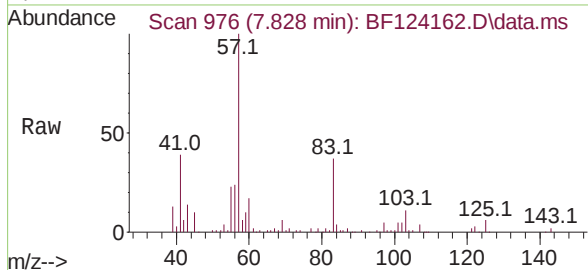
Abundance Scan 972 (7.804 min): BF124122.D\data.ms (-967) #27



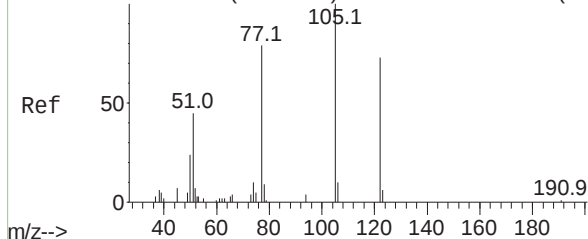
2,4-Dimethylphenol
Concen: 3.851 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.024 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	122	Resp:	8319
Ion	Ratio	Lower	Upper
122	100		
107	109.8	106.3	159.5
121	50.9	45.4	68.0

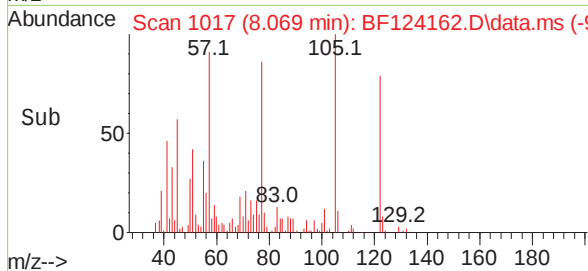
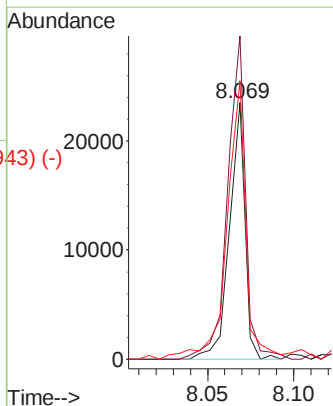
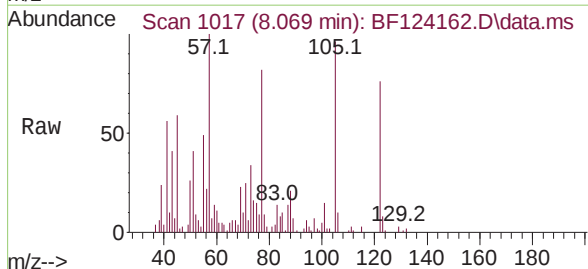


Abundance Scan 995 (7.939 min): BF124122.D\data.ms (-980) #32

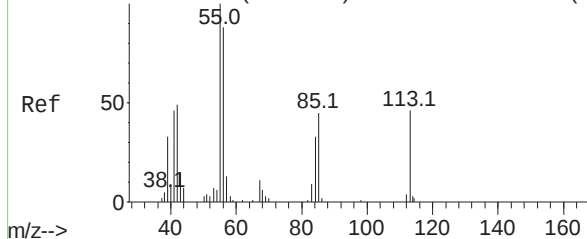


Benzoic acid
Concen: 11.249 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.135 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:	122	Resp:	14912
Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.8	147.8
77	108.6	81.6	121.6



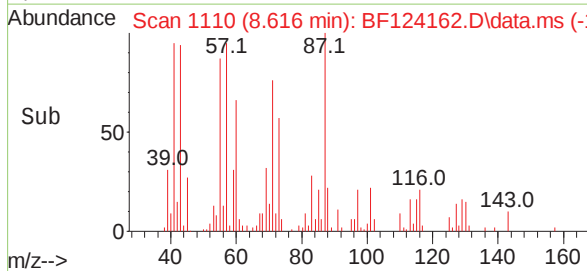
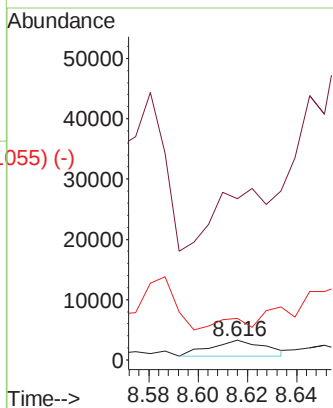
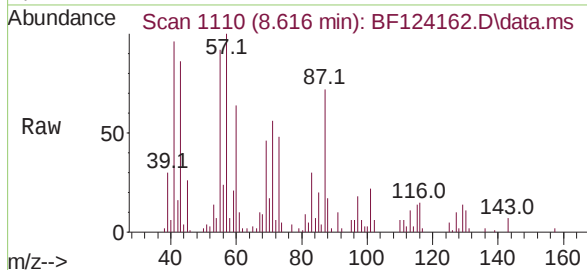
Abundance Scan 1107 (8.598 min): BF124122.D\data.ms (-11055)



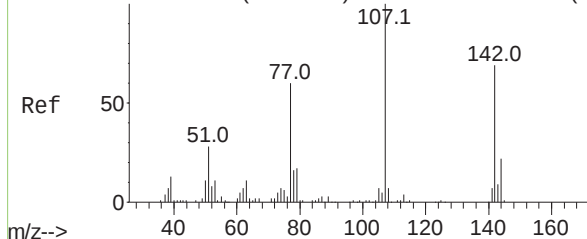
Caprolactam
Concen: 5.983 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.024 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
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ClientSampleId :
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Tgt Ion:113 Resp: 4109
Ion Ratio Lower Upper
113 100
55 823.9 254.9 294.9#
56 212.7 179.4 219.4

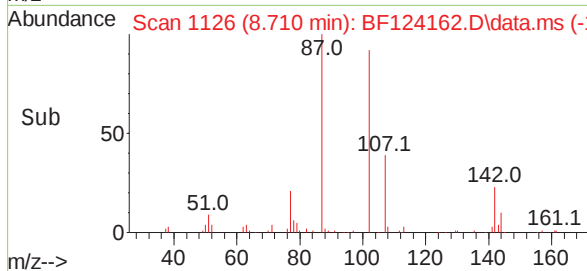
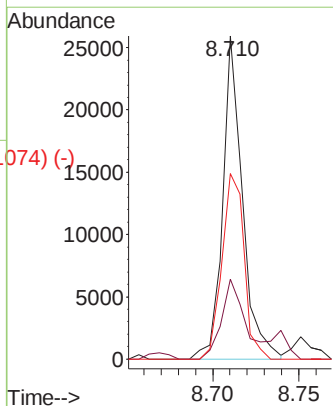
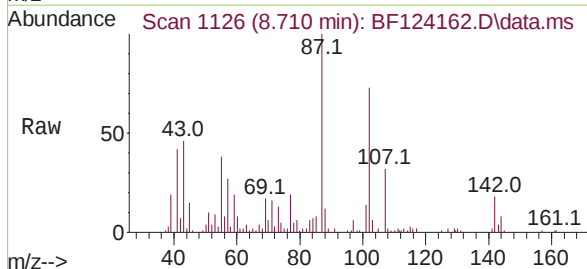


Abundance Scan 1125 (8.704 min): BF124122.D\data.ms (-11206)

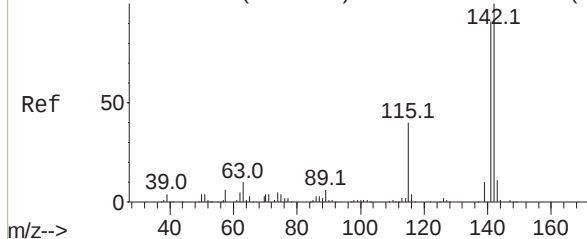


4-Chloro-3-methylphenol
Concen: 7.644 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:107 Resp: 20907
Ion Ratio Lower Upper
107 100
144 24.7 16.3 24.5#
142 57.3 50.1 75.1



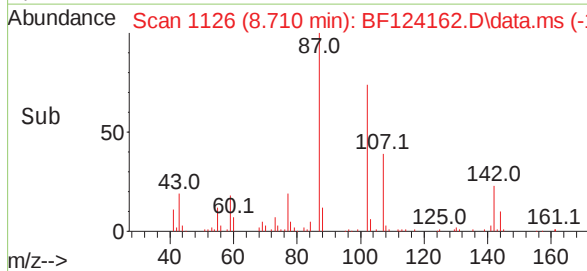
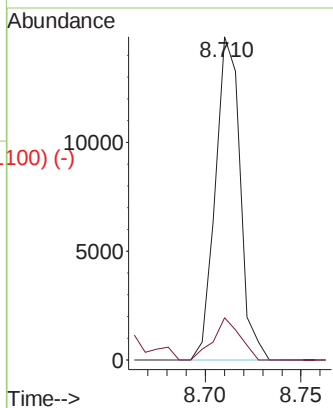
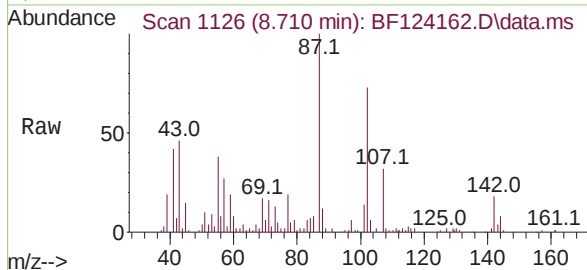
Abundance Scan 1152 (8.863 min): BF124122.D\data.ms (-11437-)



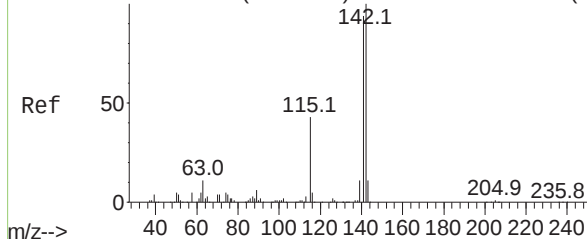
2-Methylnaphthalene
Concen: 2.365 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.147 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:142 Resp: 13443
Ion Ratio Lower Upper
142 100
141 13.0 71.8 107.6#

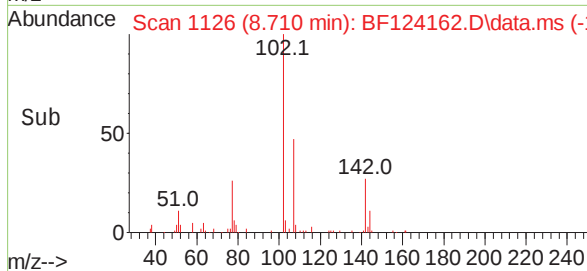
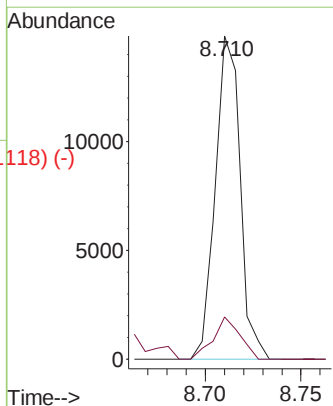
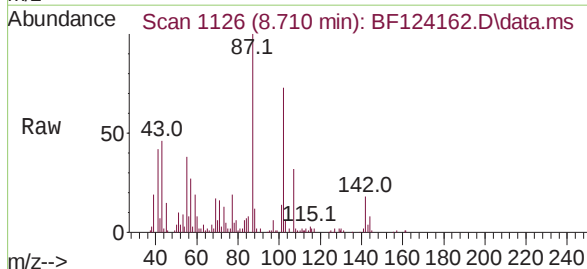


Abundance Scan 1169 (8.963 min): BF124122.D\data.ms (-11638-)

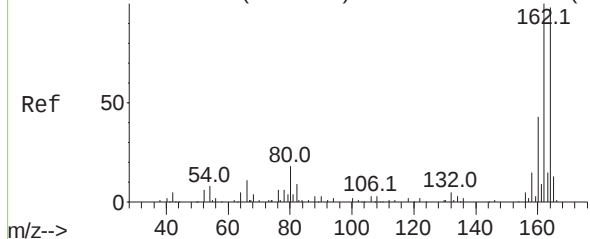


1-Methylnaphthalene
Concen: 2.530 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.253 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:142 Resp: 13443
Ion Ratio Lower Upper
142 100
141 13.0 72.8 109.2#



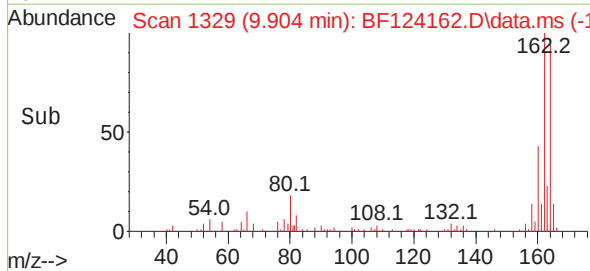
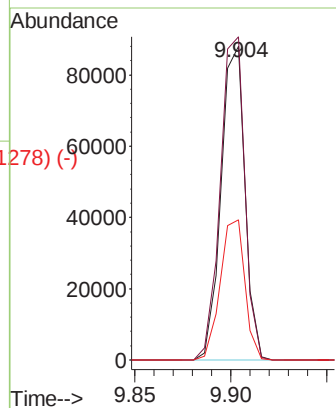
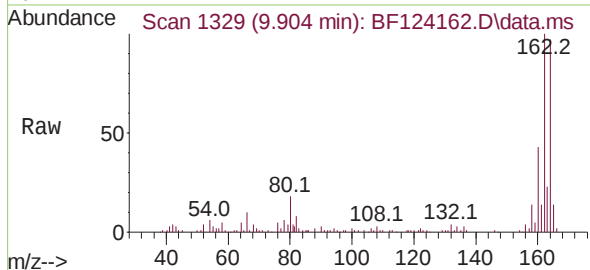
Abundance Scan 1329 (9.904 min): BF124122.D\data.ms (-1329)



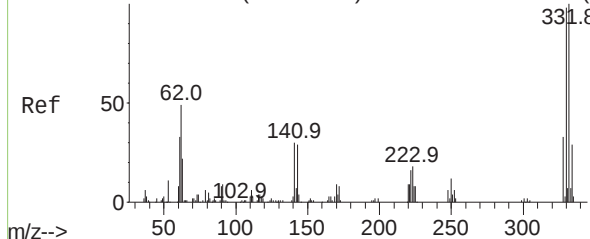
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampled :
35-38DL

Tgt Ion:164 Resp: 76138
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 44.7 37.3 55.9

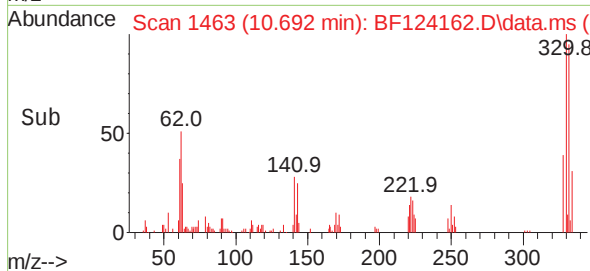
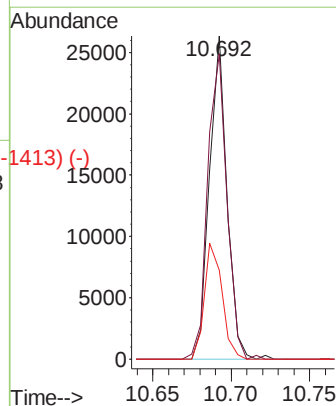
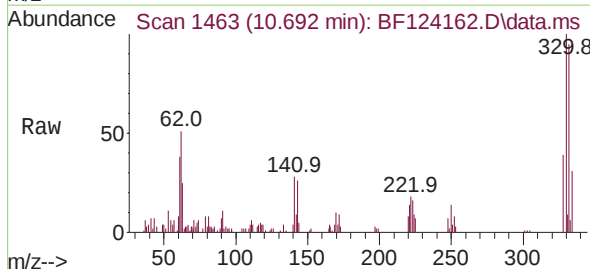


Abundance Scan 1464 (10.698 min): BF124122.D\data.ms (-1464)

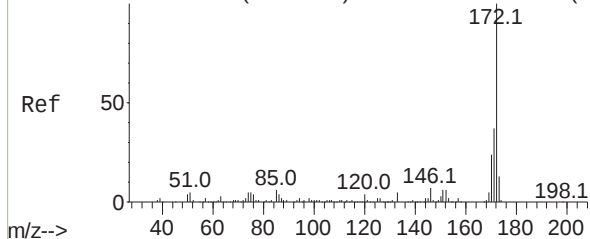


2,4,6-Tribromophenol
Concen: 18.978 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Tgt Ion:330 Resp: 20471
Ion Ratio Lower Upper
330 100
332 103.2 77.1 115.7
141 36.2 27.9 41.9



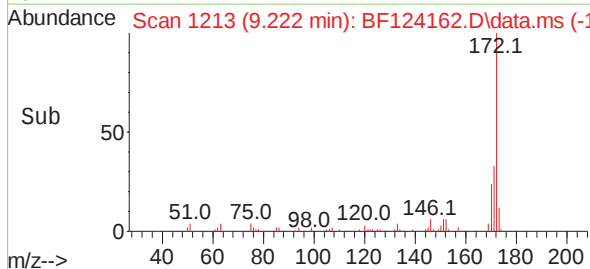
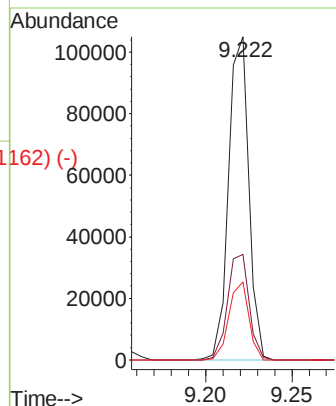
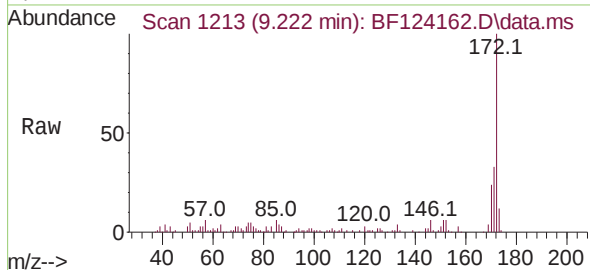
Abundance Scan 1214 (9.228 min): BF124122.D\data.ms (-12054)



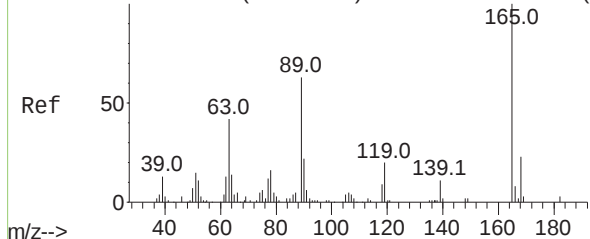
2-Fluorobiphenyl
Concen: 14.379 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampled :
35-38DL

Tgt Ion:	172	Resp:	87000
Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.1	42.1
170	24.2	19.2	28.8

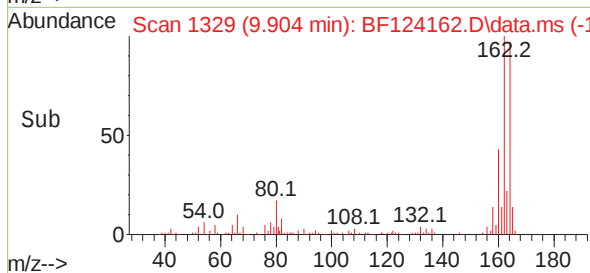
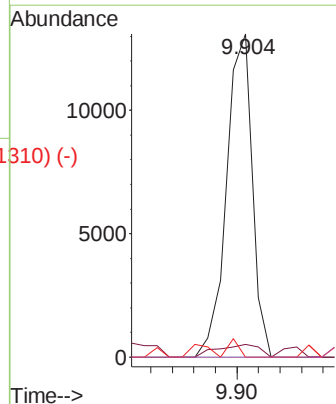
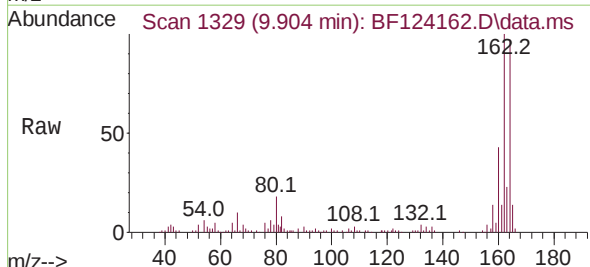


Abundance Scan 1362 (10.098 min): BF124122.D\data.ms (-1356) (-)



2,4-Dinitrotoluene
Concen: 5.751 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

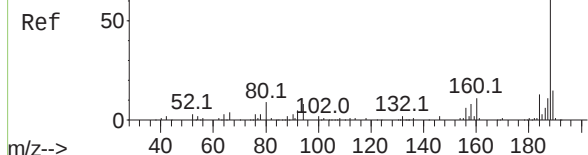
Tgt Ion:	165	Resp:	10955
Ion	Ratio	Lower	Upper
165	100		
63	4.0	43.5	65.3#
89	0.0	67.7	101.5#
182	0.0	2.1	3.1#



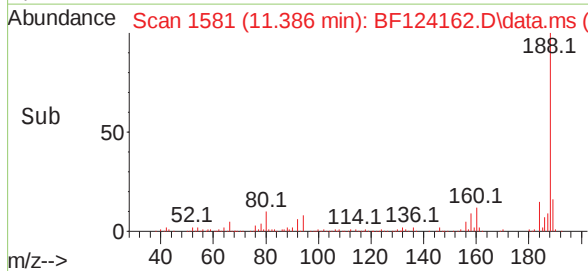
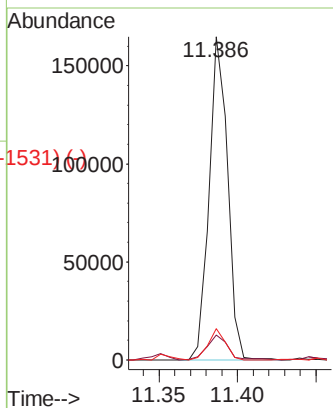
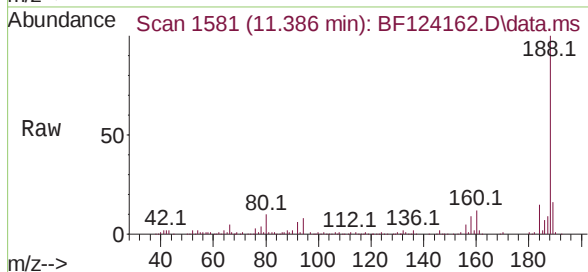
Abundance Scan 1582 (11.392 min): BF124122.D\data.ms (-1576) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL



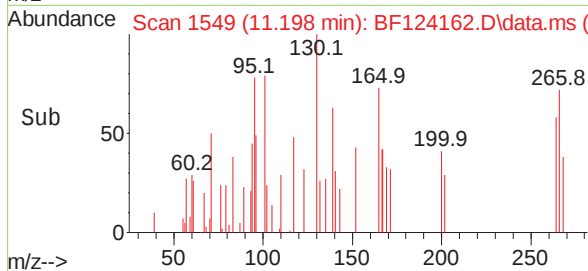
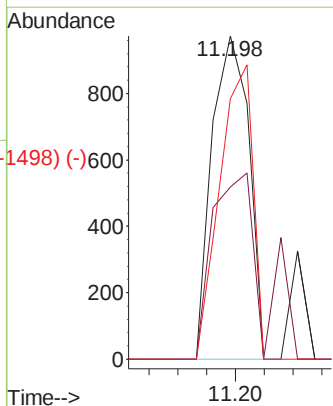
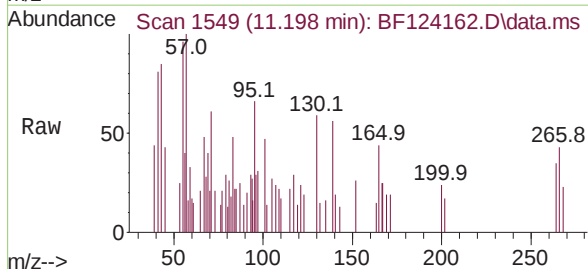
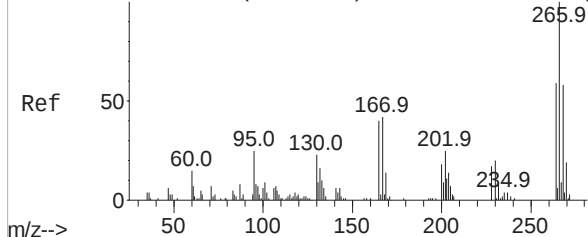
Tgt Ion:	188	Resp:	136369
Ion Ratio	Lower	Upper	
188	100		
94	7.7	6.9	10.3
80	9.6	8.2	12.2



Abundance Scan 1549 (11.198 min): BF124122.D\data.ms (-1576) (-)

Pentachlorophenol
Concen: 5.398 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

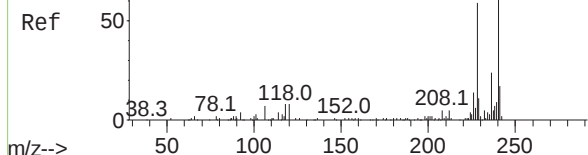
Tgt Ion:	266	Resp:	870
Ion Ratio	Lower	Upper	
266	100		
268	53.2	51.6	77.4
264	80.7	52.6	78.8#



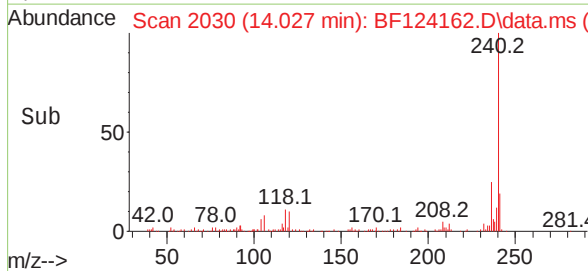
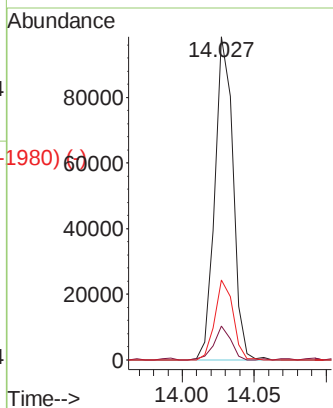
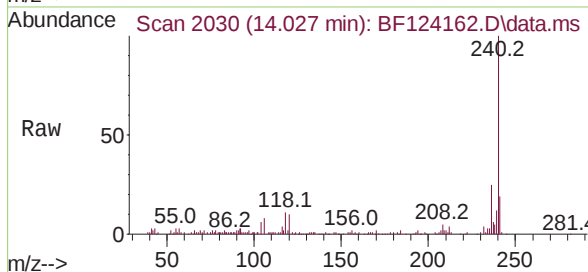
Abundance Scan 2031 (14.033 min): BF124122.D\data.ms (-2026) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL

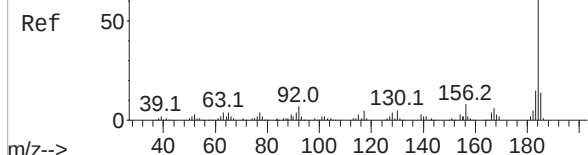


Tgt Ion:	240	Resp:	85860
Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.2	10.8
236	24.7	19.0	28.4

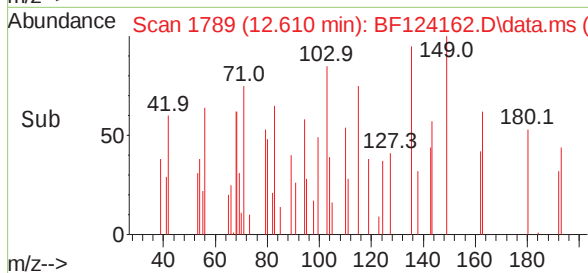
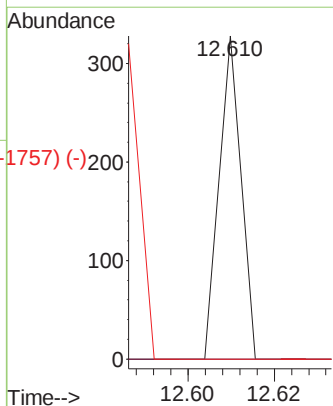
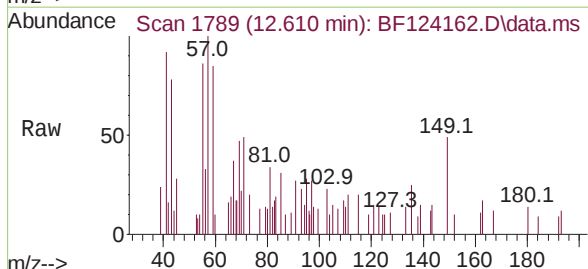


Abundance Scan 1808 (12.721 min): BF124122.D\data.ms (-1873) (-)

Benzidine
Concen: 4.114 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.112 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02



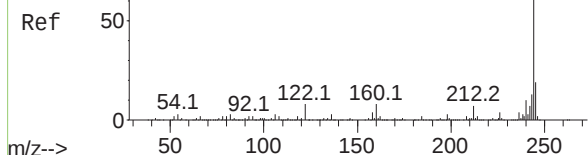
Tgt Ion:	184	Resp:	116
Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.1	18.1#
183	0.0	7.8	11.8#



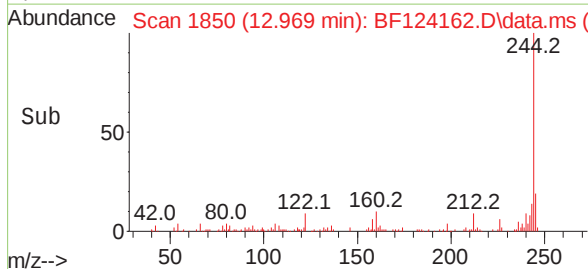
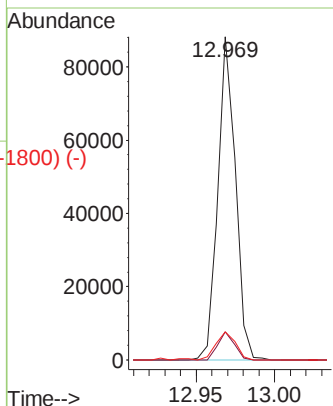
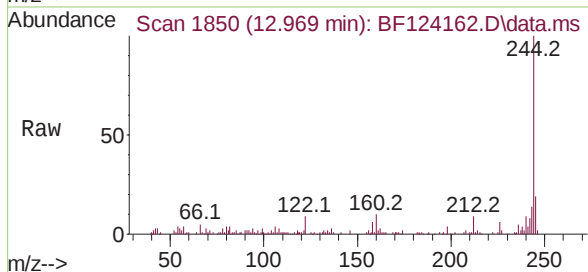
Abundance Scan 1852 (12.980 min): BF124122.D\data.ms (-1870) (-)

Terphenyl-d14
Concen: 11.013 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL

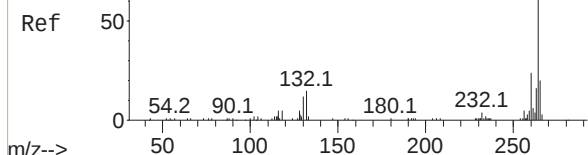


Tgt Ion:	244	Resp:	68874
Ion Ratio	Lower	Upper	
244	100		
212	8.6	5.7	8.5#
122	8.7	9.7	14.5#

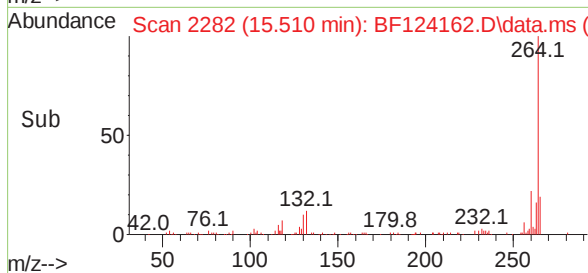
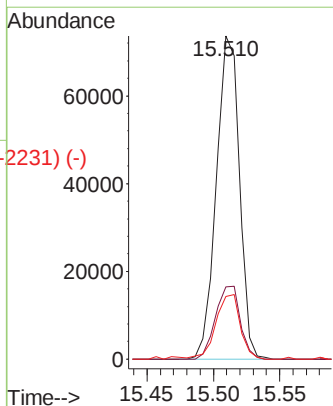
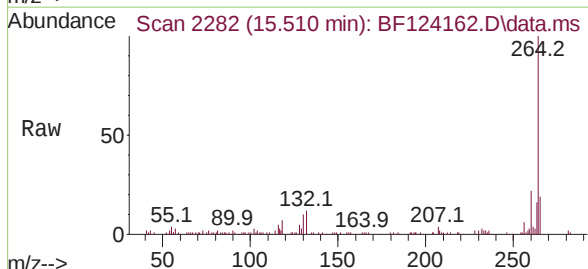


Abundance Scan 2282 (15.509 min): BF124122.D\data.ms (-2285) (-)

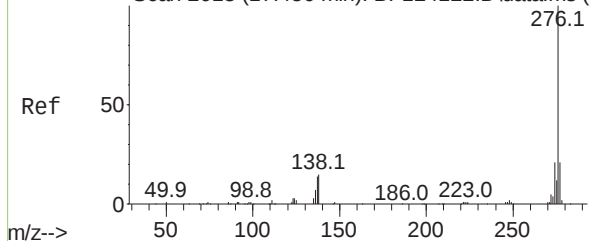
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02



Tgt Ion:	264	Resp:	88462
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.7	28.1
265	19.4	17.8	26.8



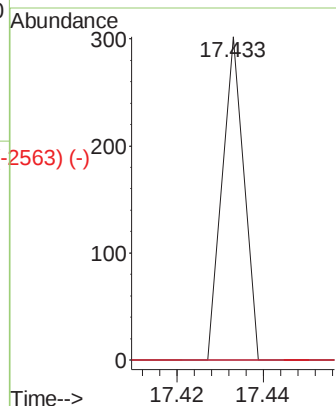
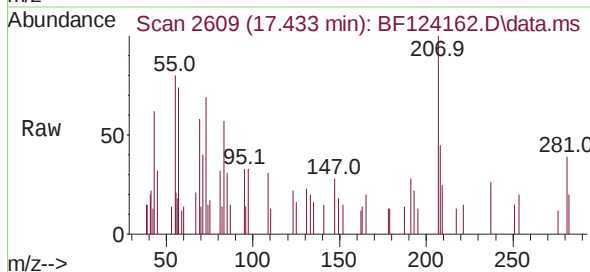
Abundance Scan 2613 (17.456 min): BF124122.D\data.ms (-2563) (-)



Benzo(g,h,i)perylene
Concen: 3.823 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.029 min
Lab File: BF124162.D
Acq: 7 Jun 2021 18:02

Instrument :
BNA_F
ClientSampleId :
35-38DL

Tgt Ion:	276	Resp:	107
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#



Abundance Scan 2609 (17.433 min): BF124162.D\data.ms (-2563) (-)

