

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124261.D
 Acq On : 11 Jun 2021 15:17
 Operator : JU/CG
 Sample : M2631-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0225-FIELD-BLANK-1

Quant Time: Jun 11 16:07:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

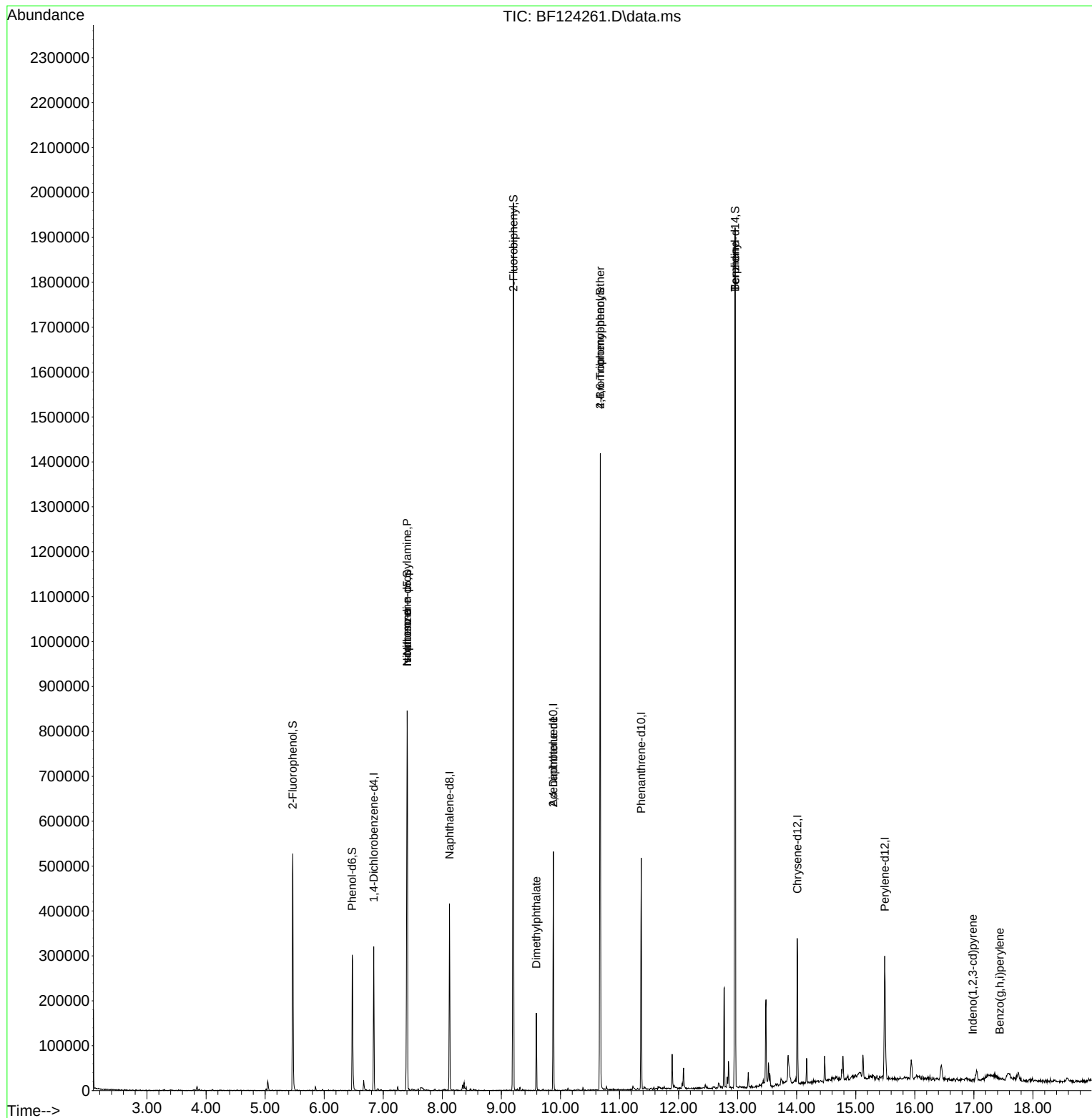
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	36638	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	147770	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	87800	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	166862	20.000	ng	0.00
76) Chrysene-d12	14.009	240	97935	20.000	ng	-0.01
86) Perylene-d12	15.492	264	100641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	116895	48.029	ng	-0.01
7) Phenol-d6	6.475	99	84880	25.945	ng	-0.02
23) Nitrobenzene-d5	7.404	82	277472	74.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	141402	113.675	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	534462	76.600	ng	0.00
79) Terphenyl-d14	12.957	244	607376	85.148	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	40664	17.608	ng	# 63
25) Isophorone	7.404	82	277468	41.327	ng	# 69
50) Dimethylphthalate	9.592	163	50572	6.962	ng	96
57) 2,4-Dinitrotoluene	9.880	165	10870	4.949	ng	# 17
67) 4-Bromophenyl-phenylether	10.674	248	9524	4.158	ng	# 1
77) Benzidine	12.957	184	10699	8.352	ng	# 81
87) Indeno(1,2,3-cd)pyrene	16.980	276	133	4.350	ng	# 53
92) Benzo(g,h,i)perylene	17.439	276	145	3.826	ng	# 56

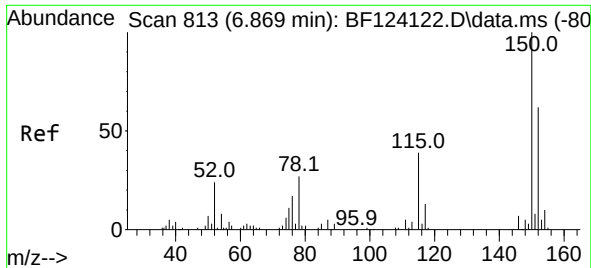
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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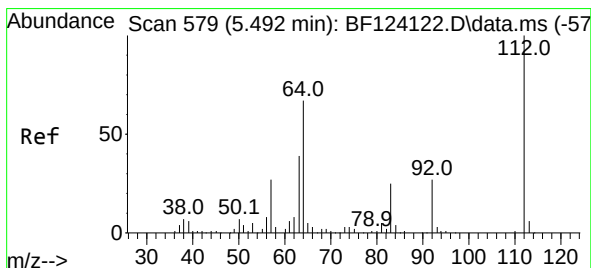
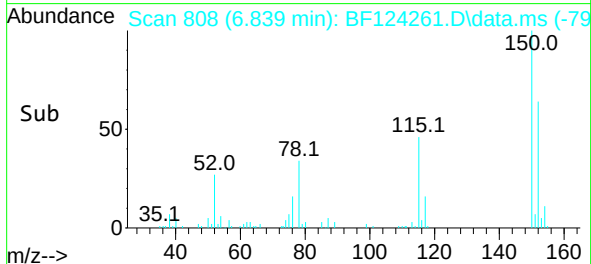
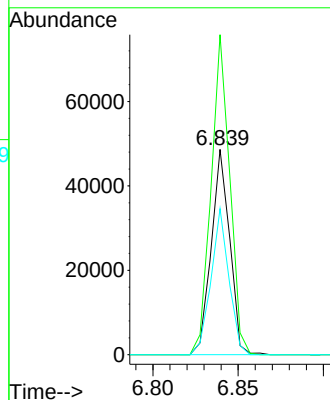
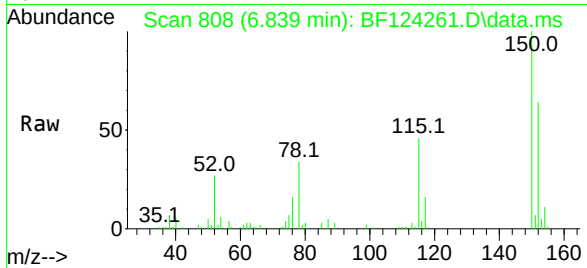




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

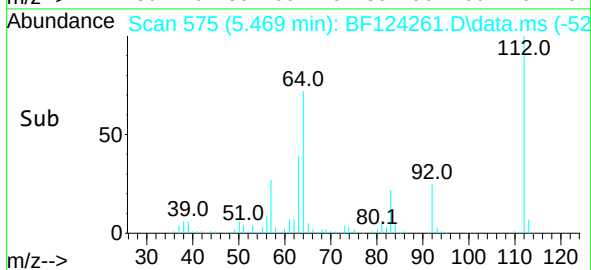
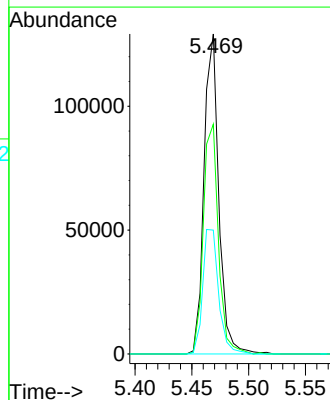
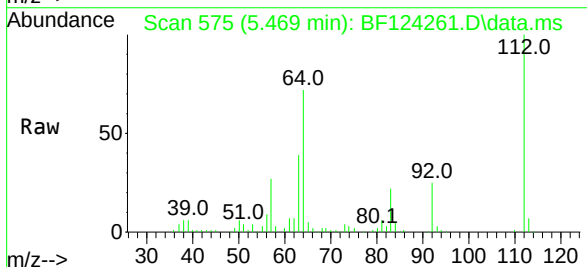
Instrument :
BNA_F
ClientSampleId :
0225-FIELD-BLANK-1

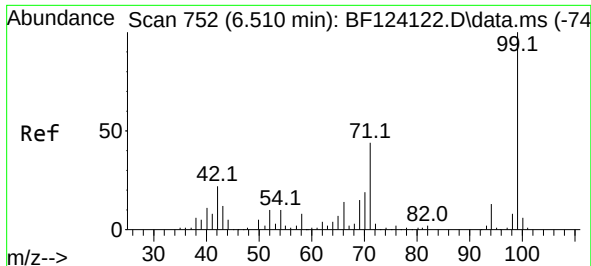
Tgt Ion:152 Resp: 36638
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 71.2 54.3 81.5



#5
2-Fluorophenol
Concen: 48.029 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:112 Resp: 116895
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 38.7 33.0 49.4

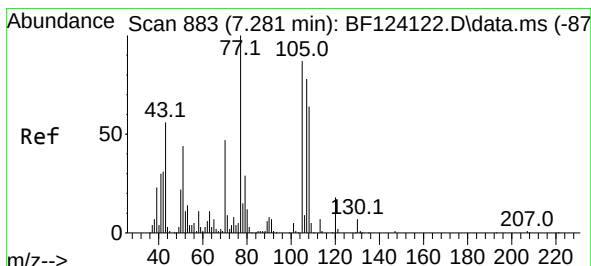
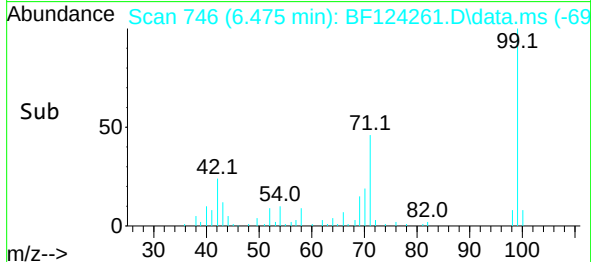
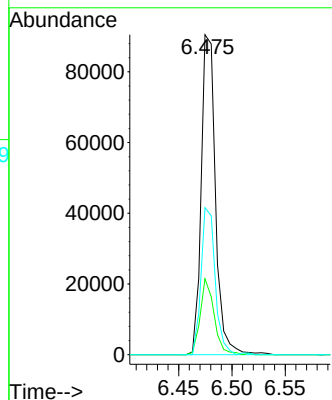
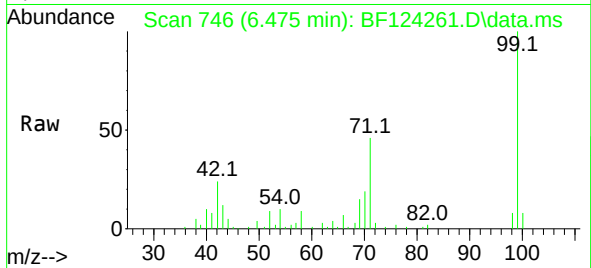




#7
Phenol-d6
Concen: 25.945 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.024 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

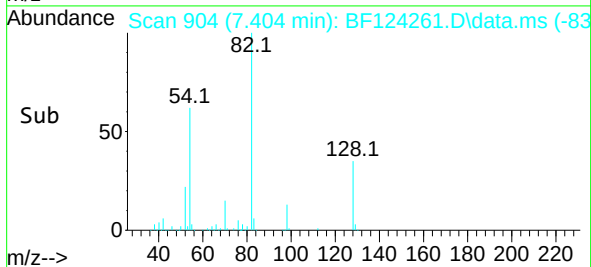
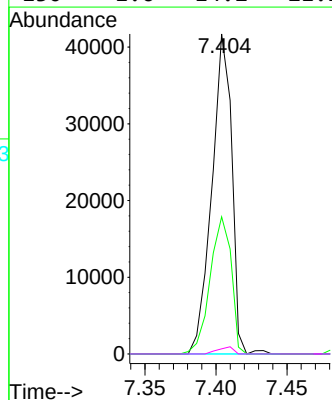
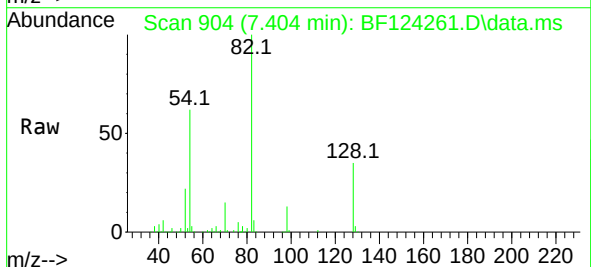
Instrument :
BNA_F
ClientSampleId :
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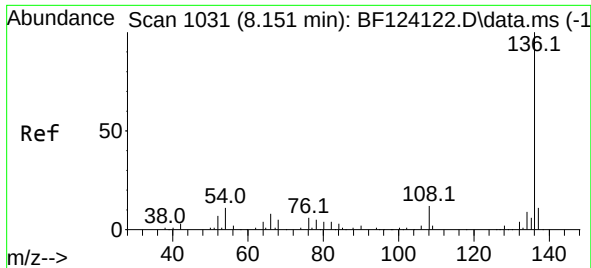
Tgt Ion: 99 Resp: 84880
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 46.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.608 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

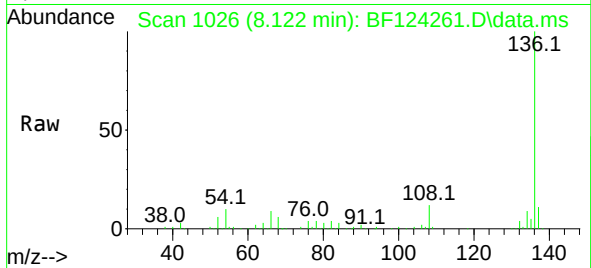
Tgt Ion: 70 Resp: 40664
Ion Ratio Lower Upper
70 100
42 42.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



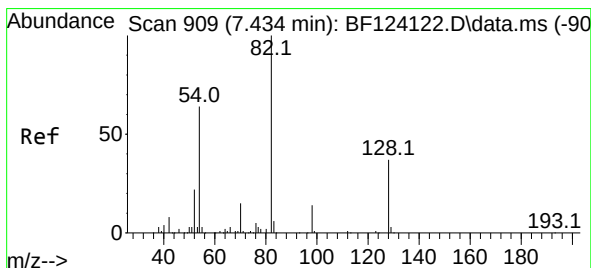
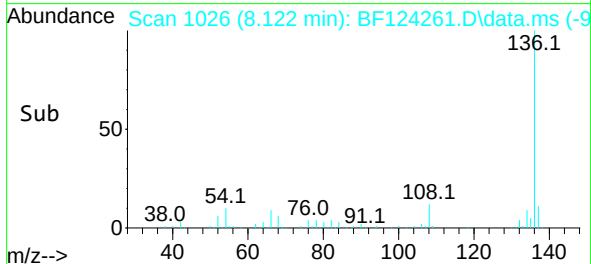
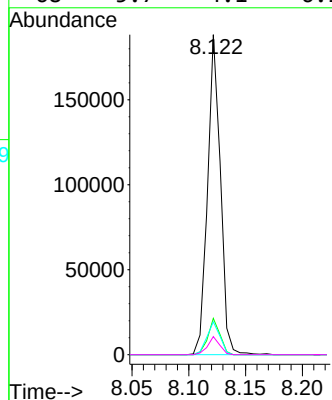


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Instrument :
BNA_F
ClientSampleId :
0225-FIELD-BLANK-1

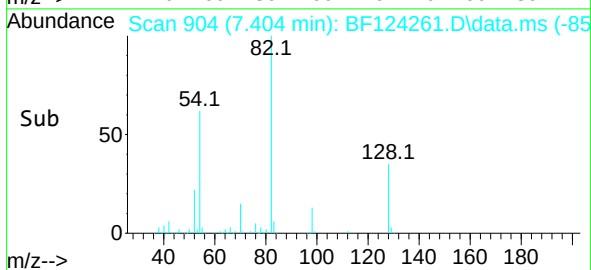
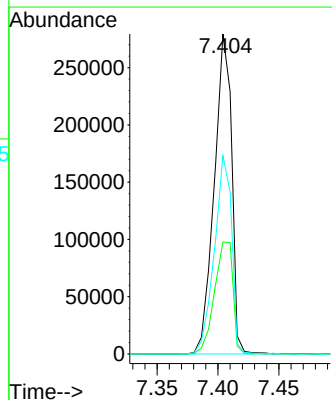
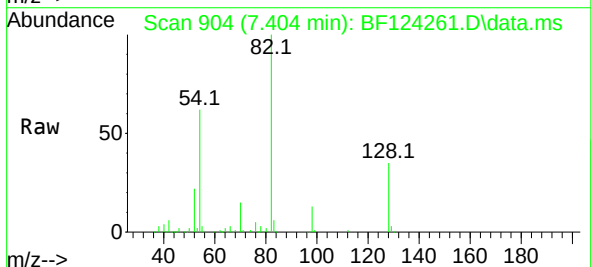


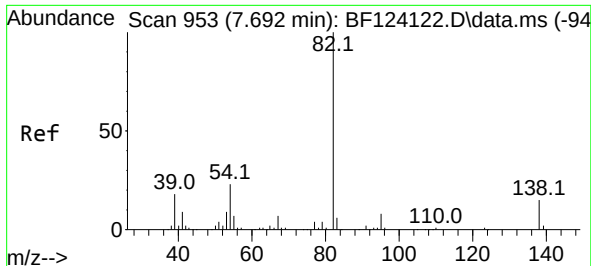
Tgt Ion:136	Resp: 147770
Ion Ratio	Lower Upper
136	100
137	11.3 8.7 13.1
54	10.2 9.8 14.6
68	5.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.473 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion: 82	Resp: 277472
Ion Ratio	Lower Upper
82	100
128	35.0 29.4 44.2
54	62.0 54.1 81.1

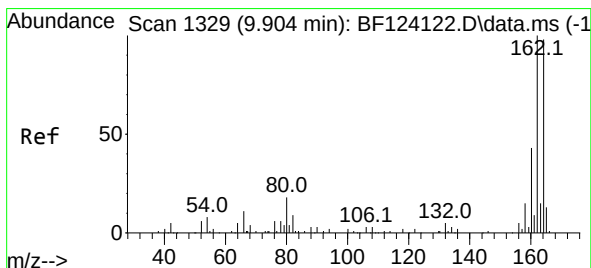
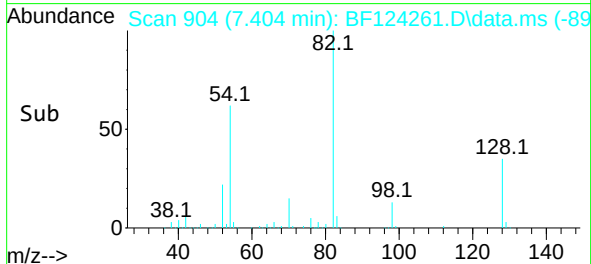
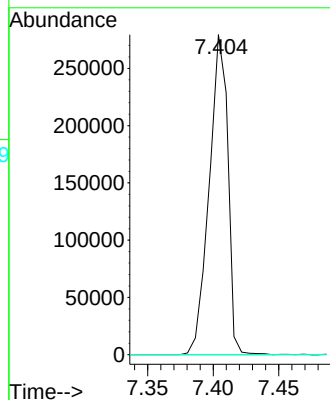
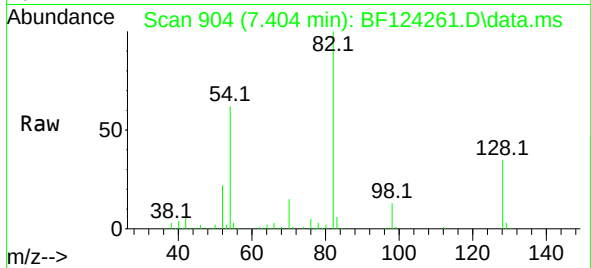




#25
Isophorone
Concen: 41.327 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

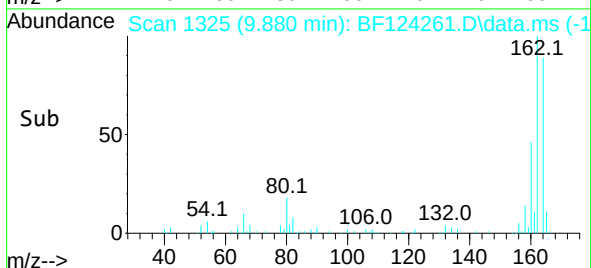
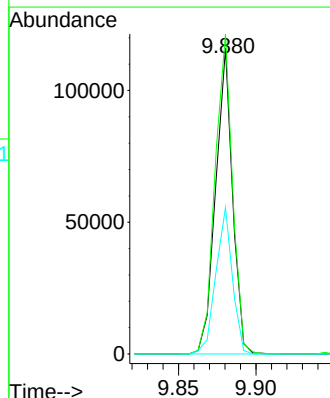
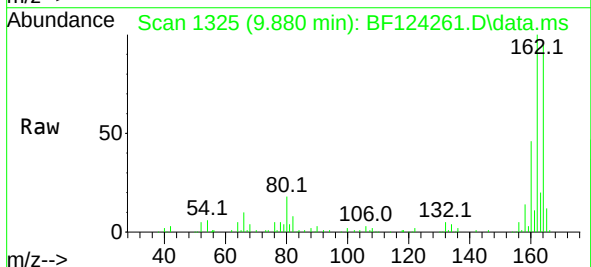
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ClientSampleId :
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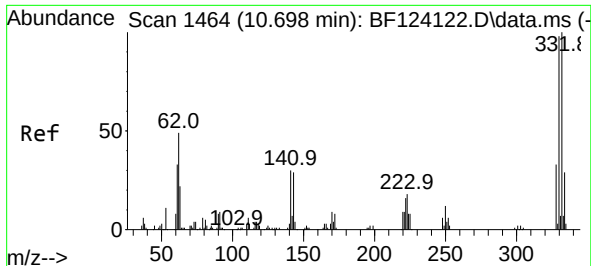
Tgt Ion: 82 Resp: 277468
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion: 164 Resp: 87800
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 48.0 37.3 55.9

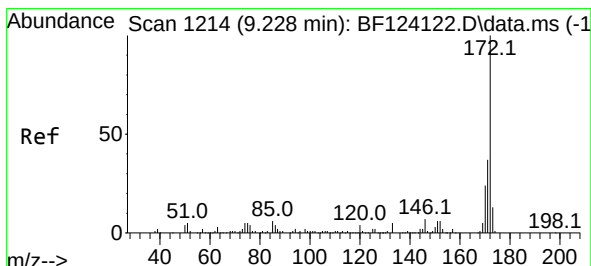
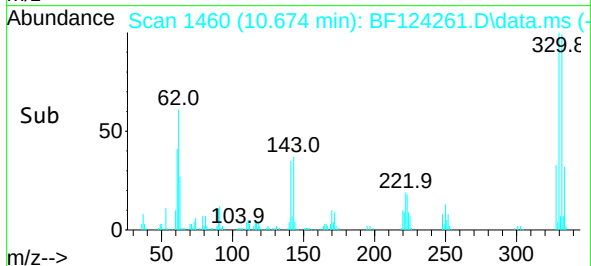
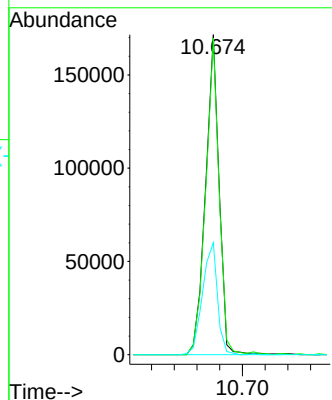
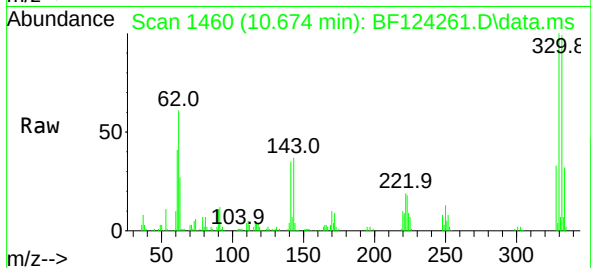




#42
2,4,6-Tribromophenol
Concen: 113.675 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

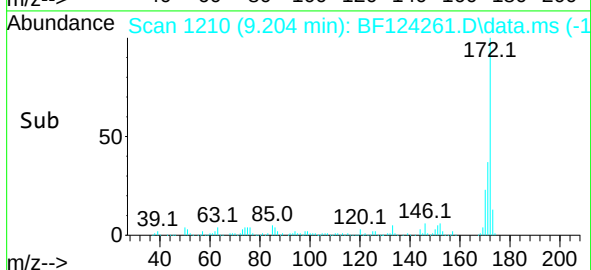
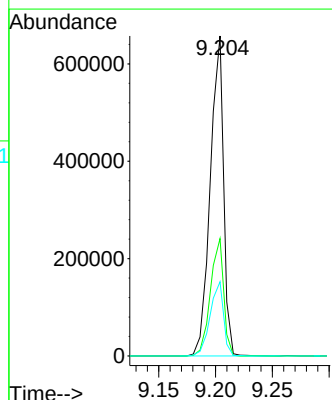
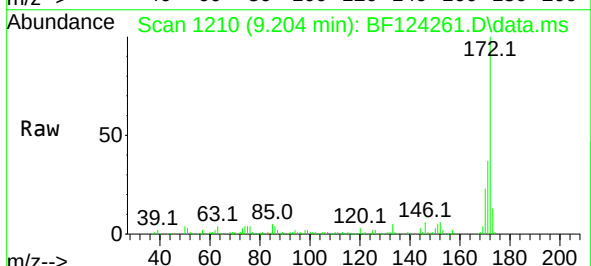
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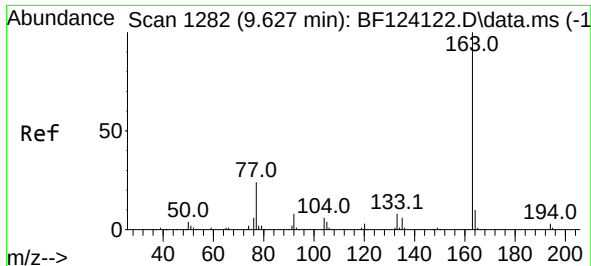
Tgt Ion:330 Resp: 141402
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 38.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 76.600 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:172 Resp: 534462
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.2 19.2 28.8

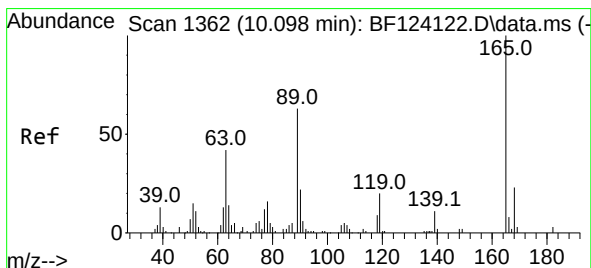
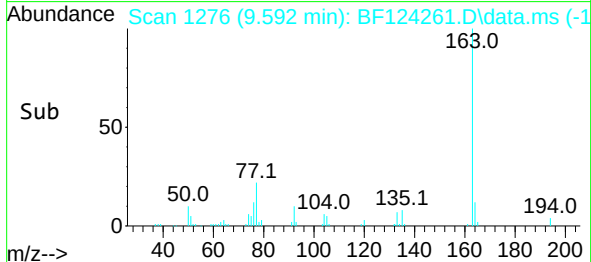
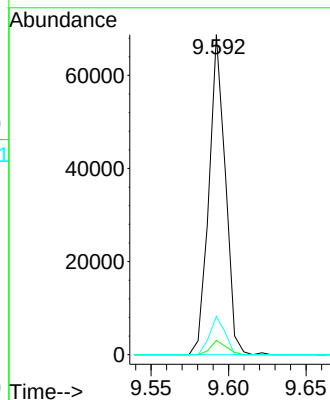
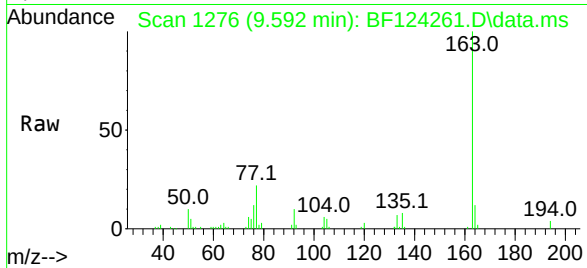




#50
Dimethylphthalate
Concen: 6.962 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.024 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

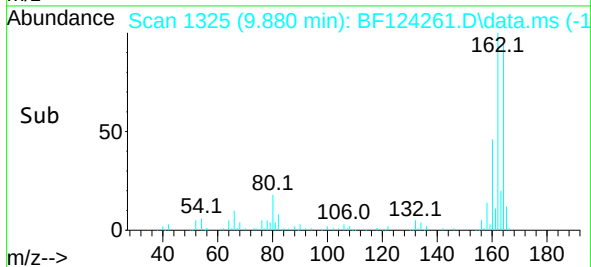
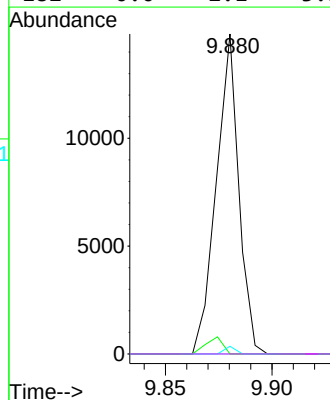
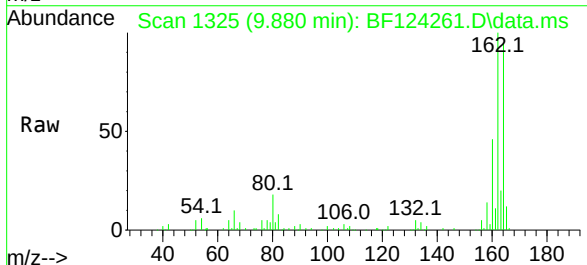
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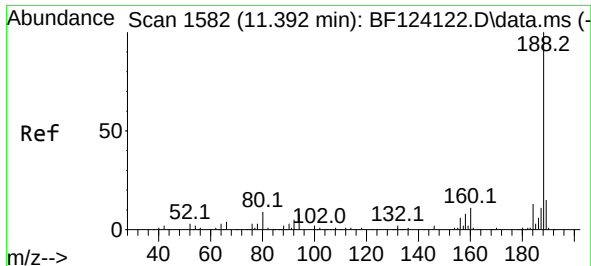
Tgt Ion:163 Resp: 50572
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 12.0 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 4.949 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:165 Resp: 10870
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.4 67.7 101.5#
182 0.0 2.1 3.1#

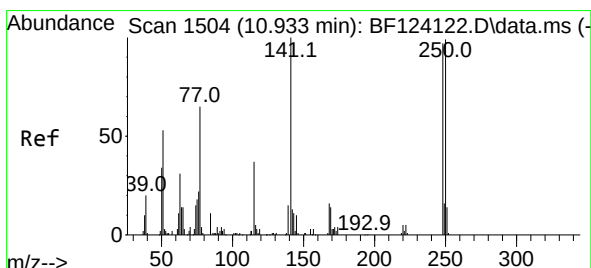
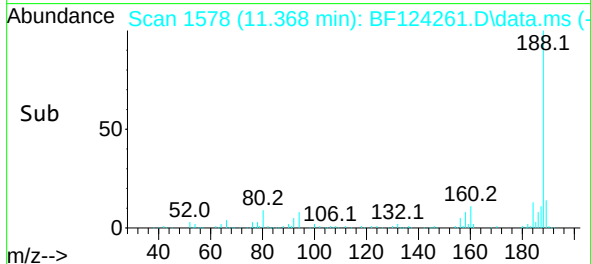
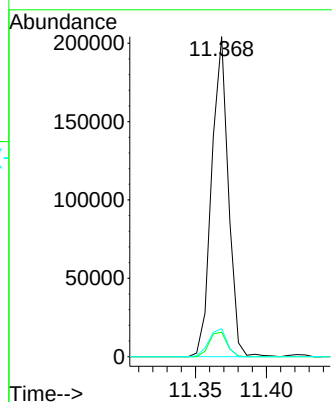
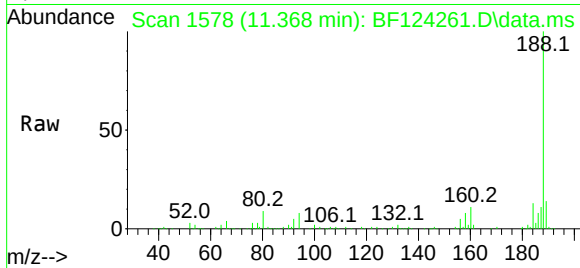




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

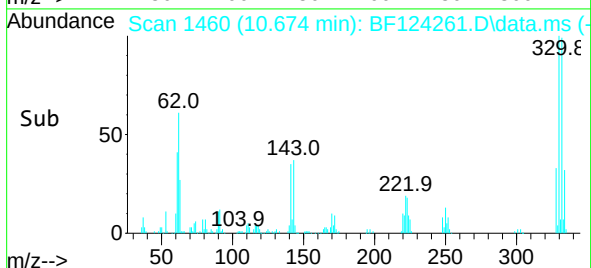
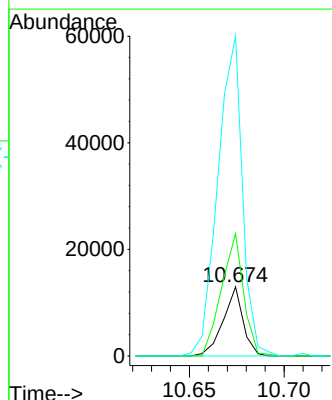
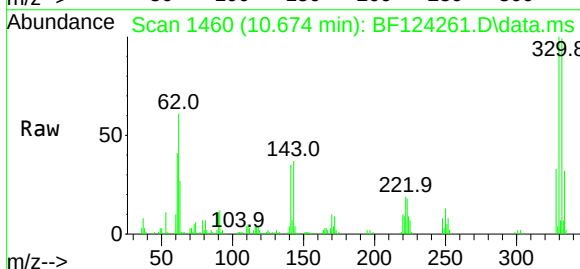
Instrument :
BNA_F
ClientSampleId :
0225-FIELD-BLANK-1

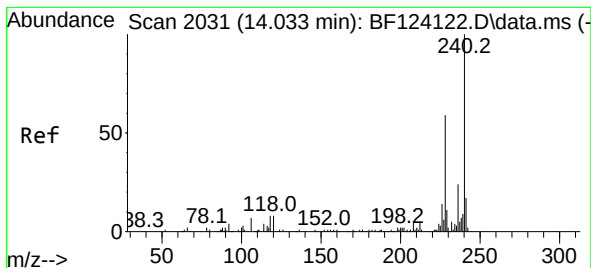
Tgt Ion:188 Resp: 166862
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.158 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:248 Resp: 9524
Ion Ratio Lower Upper
248 100
250 176.9 77.4 116.2#
141 462.7 63.7 95.5#

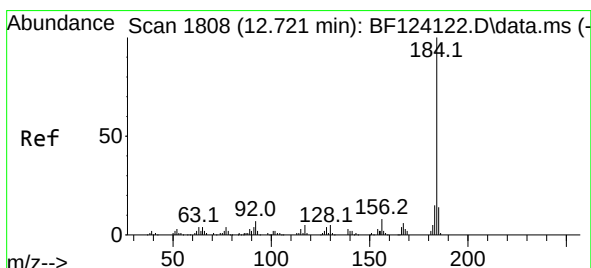
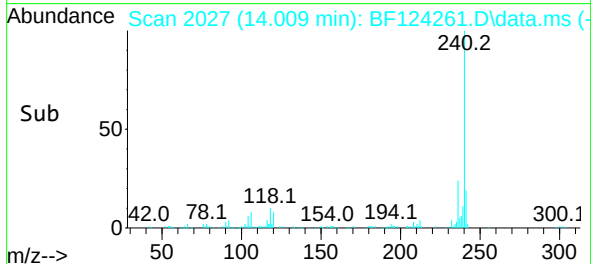
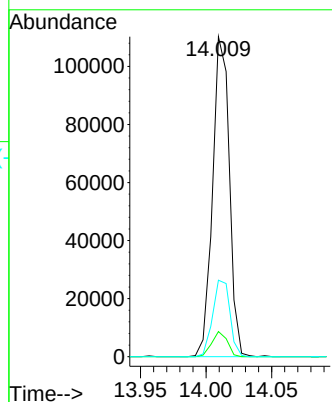
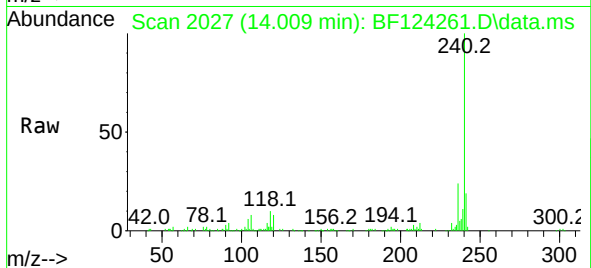




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

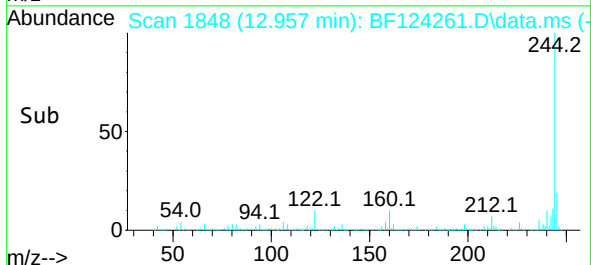
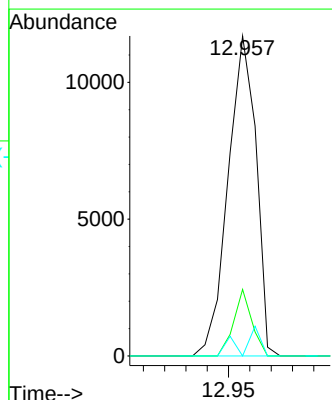
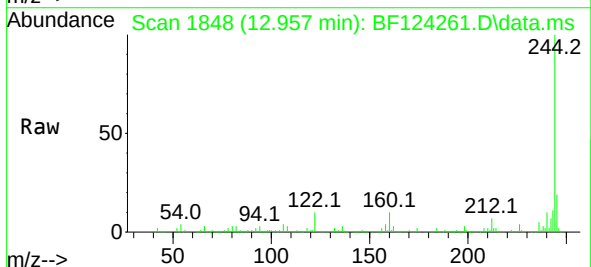
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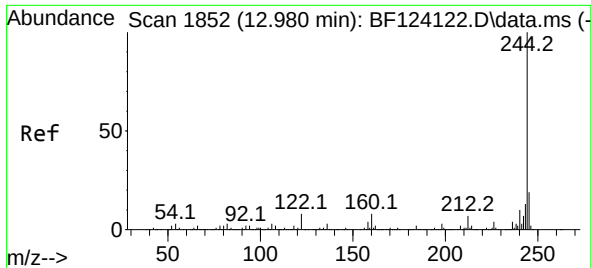
Tgt Ion:240 Resp: 97935
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 23.9 19.0 28.4



#77
Benzidine
Concen: 8.352 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:184 Resp: 10699
Ion Ratio Lower Upper
184 100
185 20.8 12.1 18.1#
183 0.0 7.8 11.8#

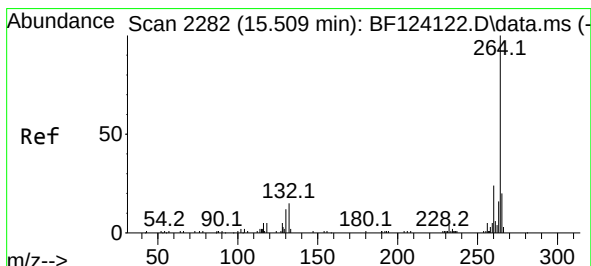
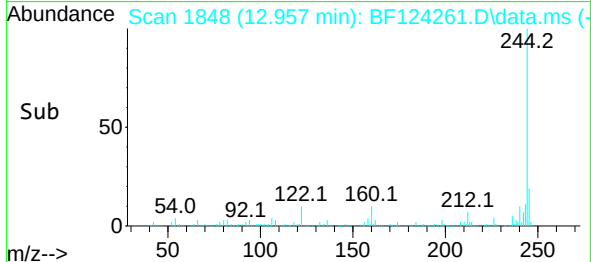
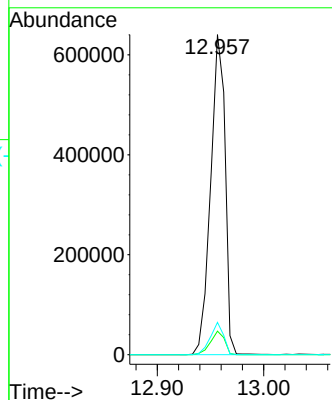
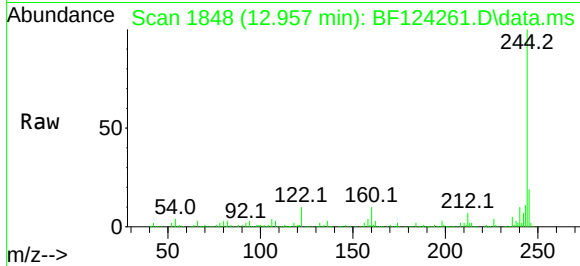




#79
 Terphenyl-d14
 Concen: 85.148 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124261.D
 Acq: 11 Jun 2021 15:17

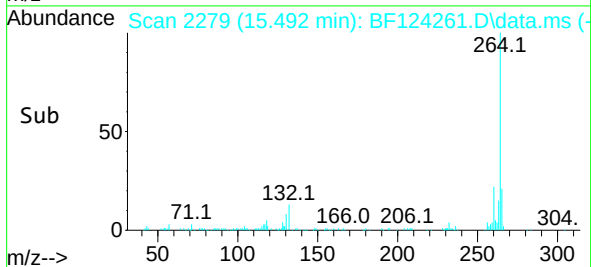
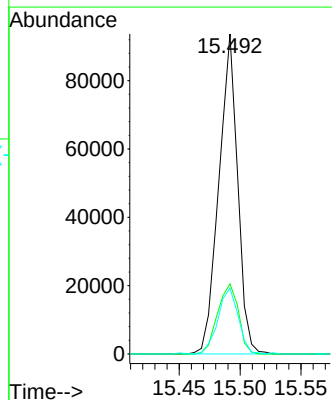
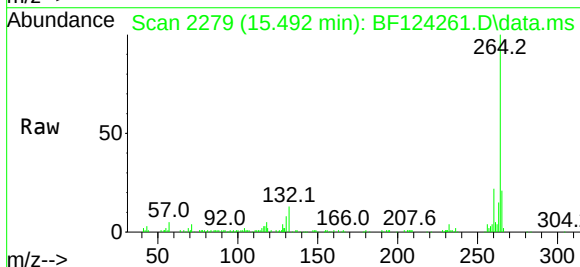
Instrument :
 BNA_F
 ClientSampleId :
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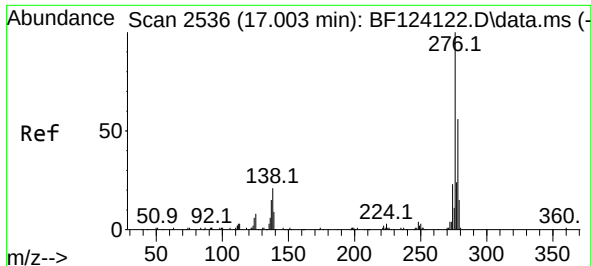
Tgt Ion:244 Resp: 607376
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.1 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF124261.D
 Acq: 11 Jun 2021 15:17

Tgt Ion:264 Resp: 100641
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.7 28.1
 265 20.6 17.8 26.8

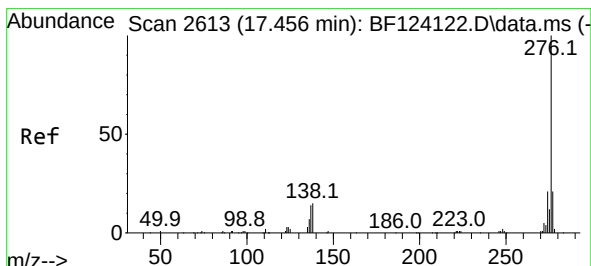
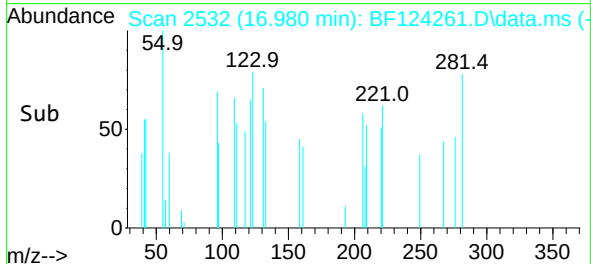
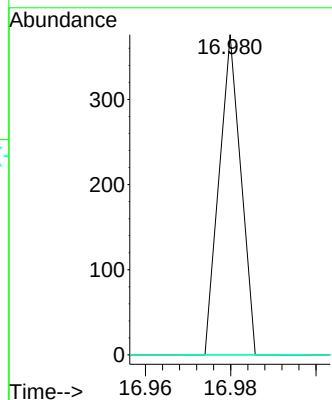
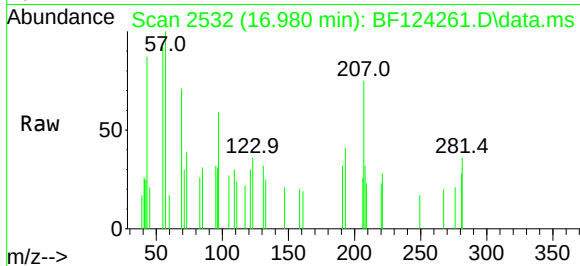




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.350 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Instrument :
BNA_F
ClientSampleId :
0225-FIELD-BLANK-1

Tgt Ion:276 Resp: 133
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#92
Benzo(g,h,i)perylene
Concen: 3.826 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF124261.D
Acq: 11 Jun 2021 15:17

Tgt Ion:276 Resp: 145
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

