

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135047.D
 Acq On : 31 Aug 2023 18:17
 Operator : CG\JU
 Sample : 04189-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)

Quant Time: Sep 01 01:49:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

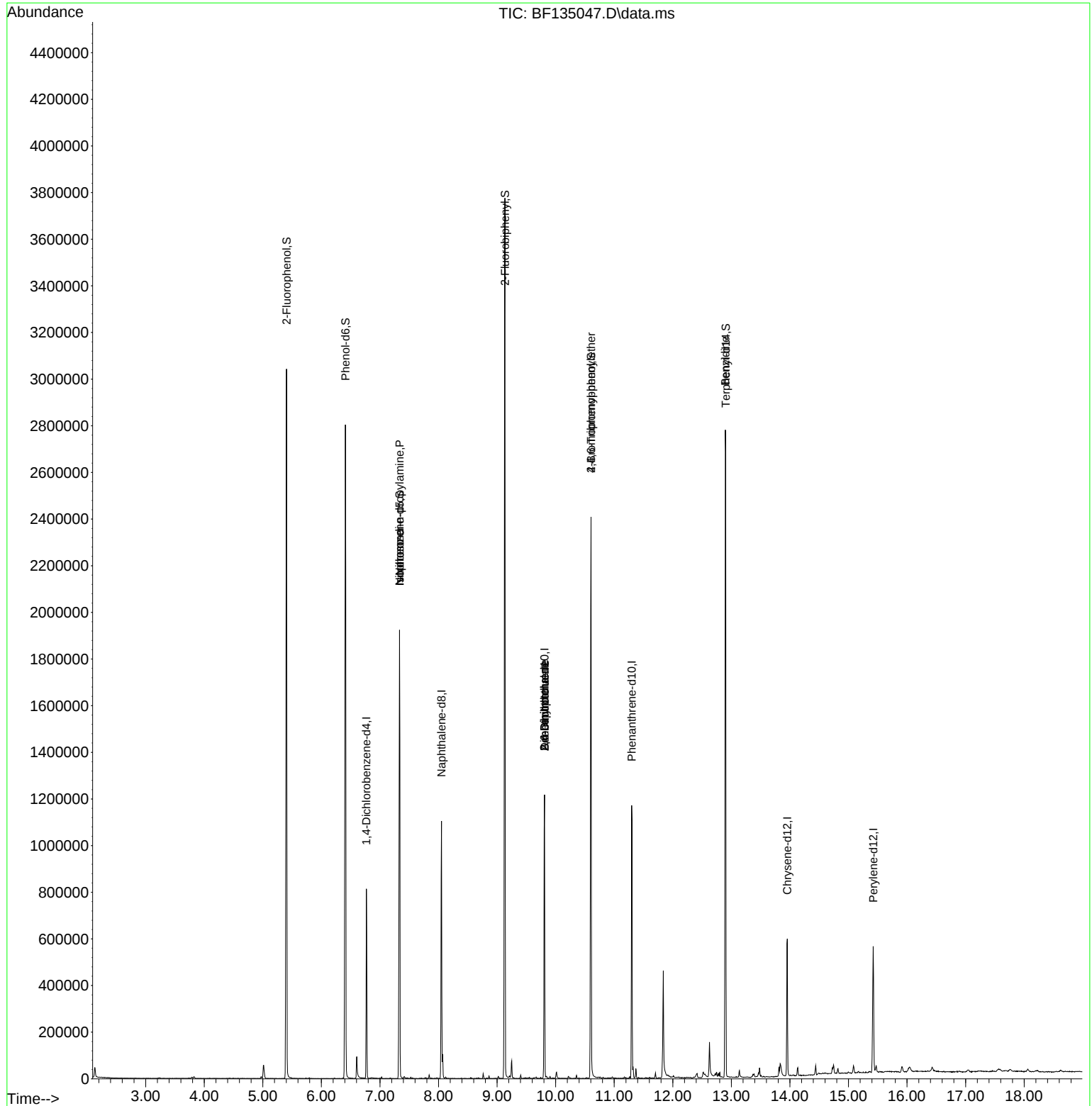
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	108829	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	460892	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	247563	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	445299	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	205327	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	243438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	842355	119.556	ng	0.00
7) Phenol-d6	6.410	99	1059504	120.645	ng	0.00
23) Nitrobenzene-d5	7.334	82	659813	80.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	300436	114.403	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1195953	78.652	ng	0.00
79) Terphenyl-d14	12.904	244	1054382	83.800	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	88571	16.979	ng	# 77
25) Isophorone	7.334	82	659799	42.419	ng	# 65
50) Dimethylphthalate	9.810	163	51201	2.954	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	31810	8.363	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	31810	6.711	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	18349	3.885	ng	# 1
77) Benzidine	12.898	184	13448	3.633	ng	# 89

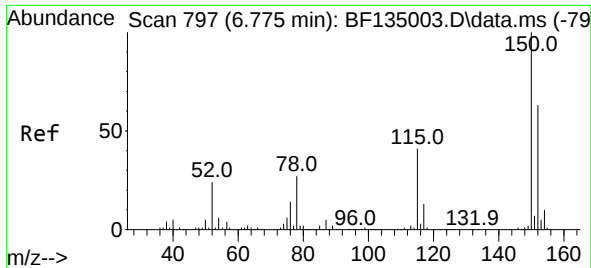
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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SB-01(48-50)

Quant Time: Sep 01 01:49:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

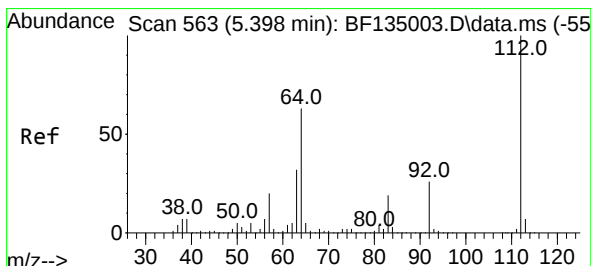
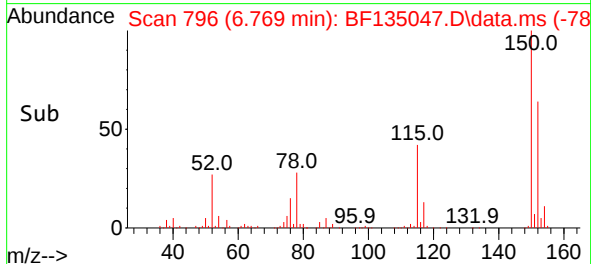
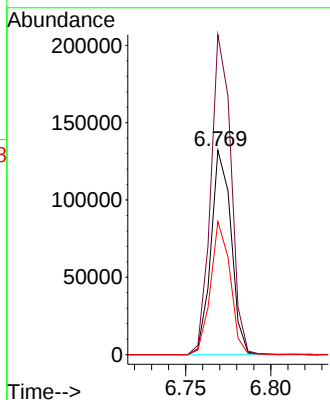
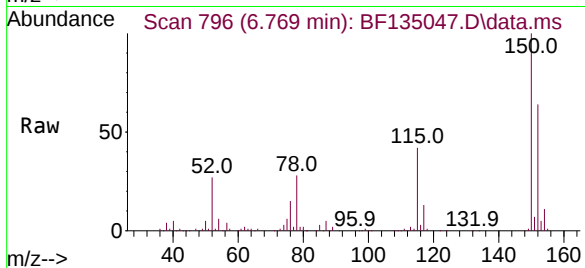




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

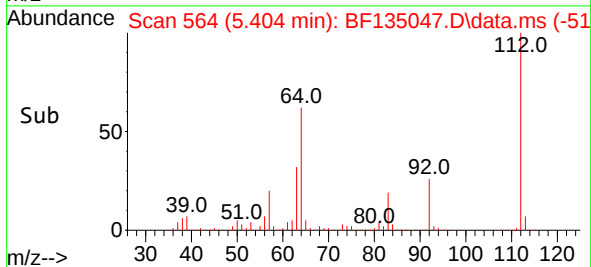
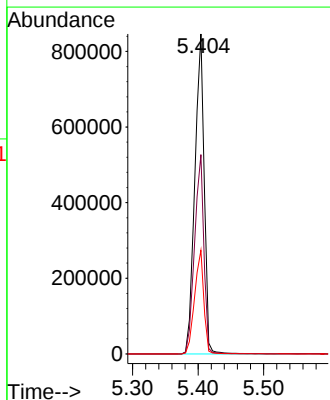
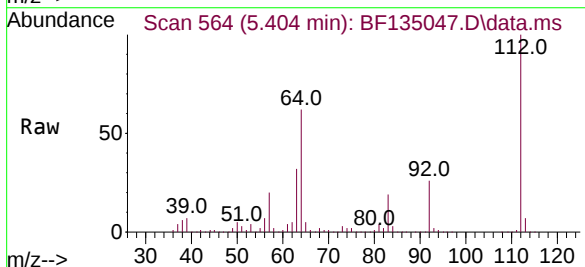
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

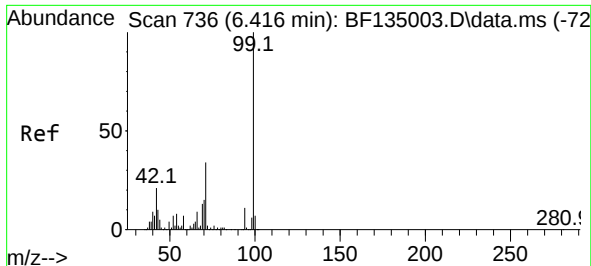
Tgt Ion:152 Resp: 108829
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 65.2 51.2 76.8



#5
2-Fluorophenol
Concen: 119.556 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:112 Resp: 842355
Ion Ratio Lower Upper
112 100
64 62.3 50.5 75.7
63 32.4 25.9 38.9

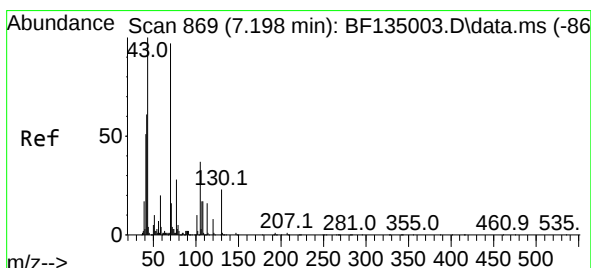
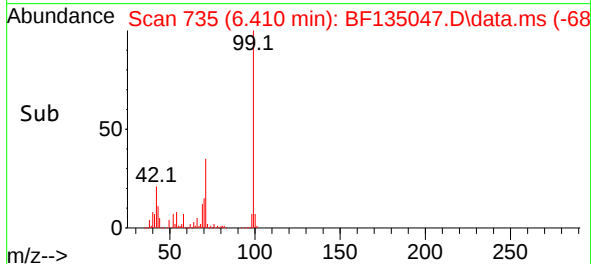
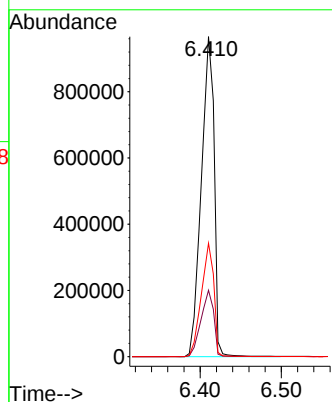
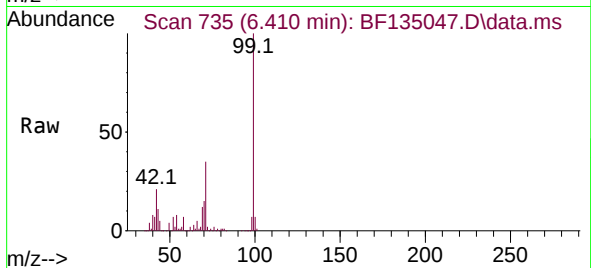




#7
Phenol-d6
Concen: 120.645 ng
RT: 6.410 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

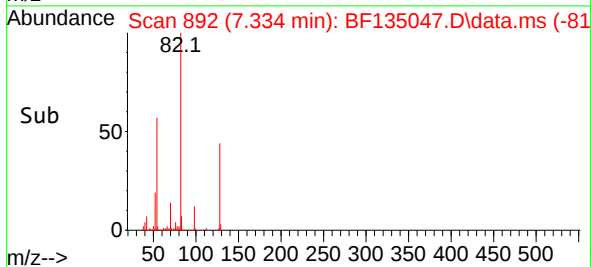
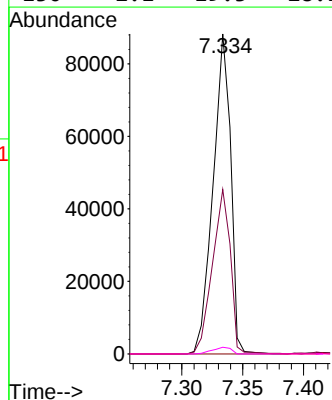
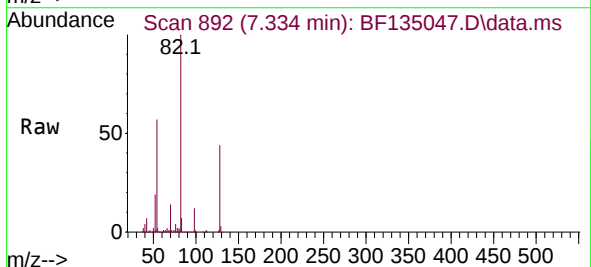
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

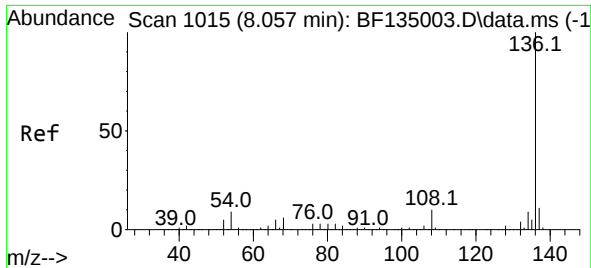
Tgt Ion: 99 Resp: 1059504
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.979 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion: 70 Resp: 88571
Ion Ratio Lower Upper
70 100
42 51.4 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

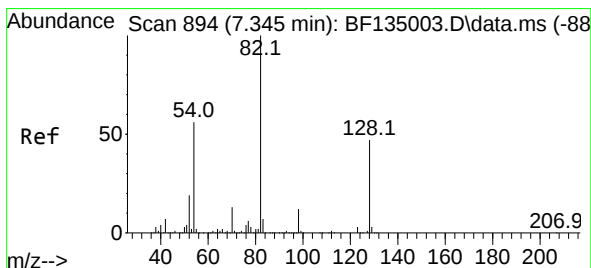
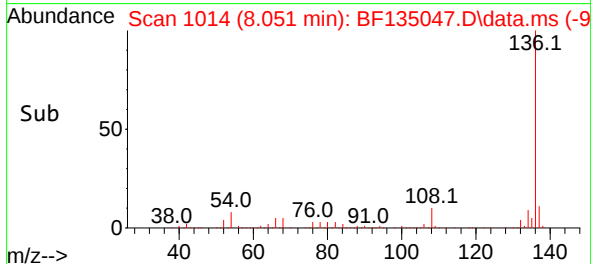
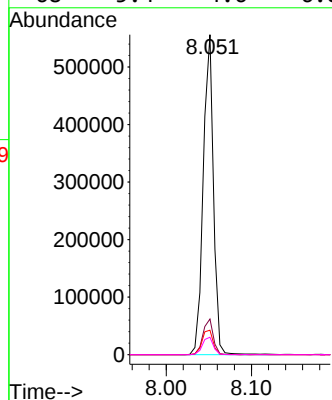
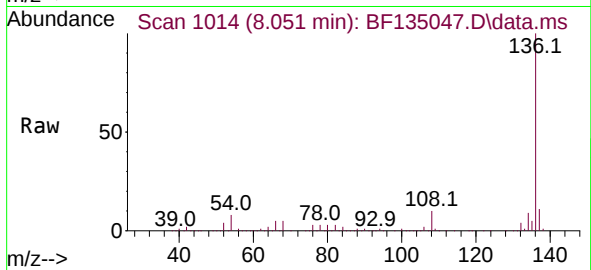




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

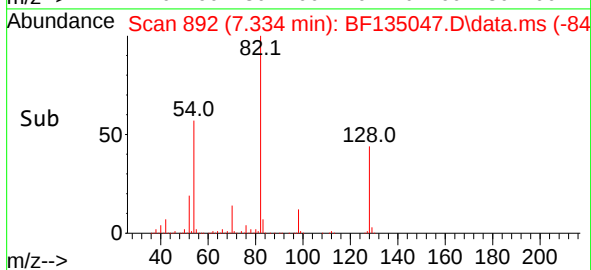
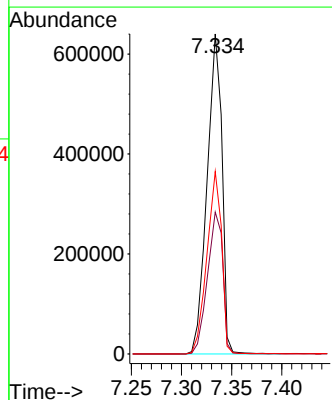
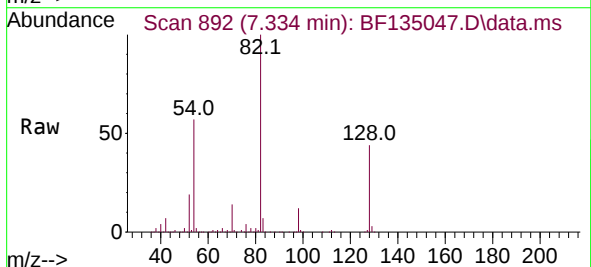
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

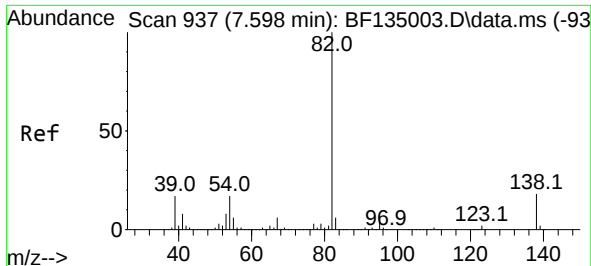
Tgt Ion:136	Resp: 460892
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	7.7 7.0 10.4
68	5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 80.428 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion: 82	Resp: 659813
Ion Ratio	Lower Upper
82	100
128	44.3 37.8 56.8
54	57.0 45.0 67.6

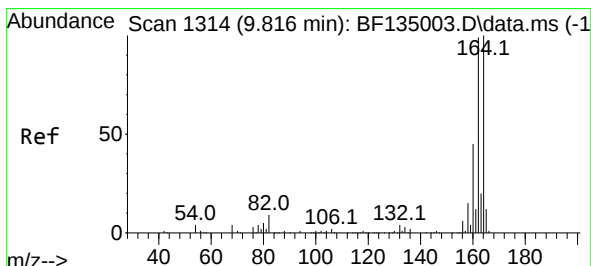
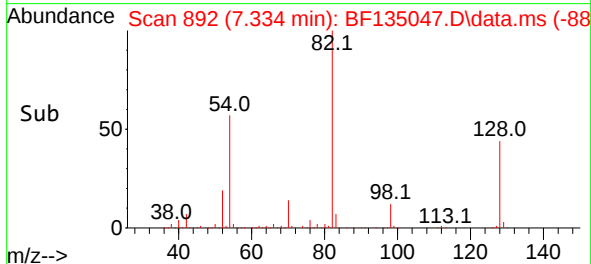
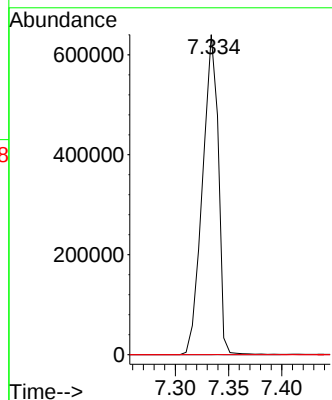
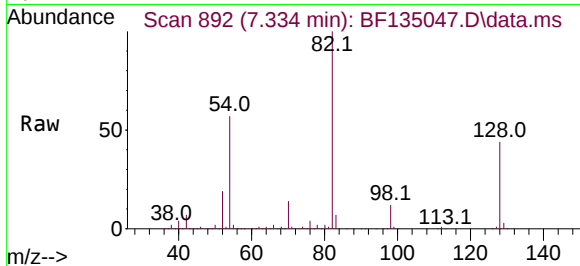




#25
Isophorone
Concen: 42.419 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

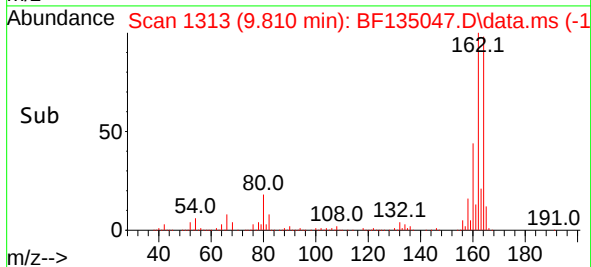
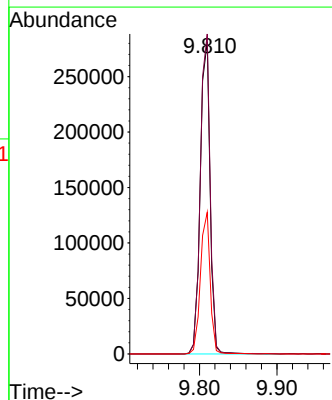
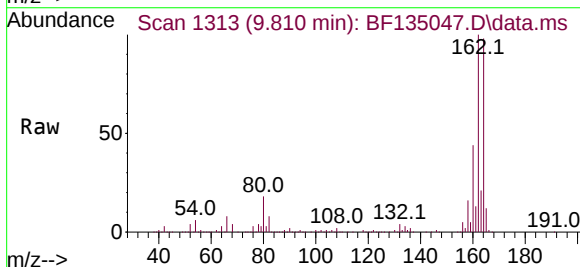
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

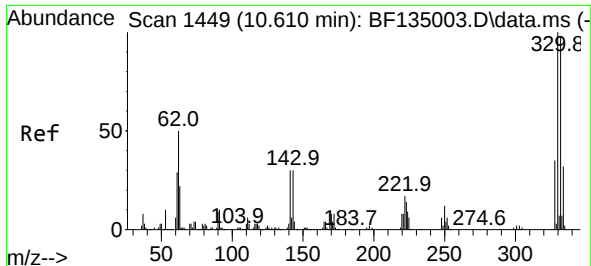
Tgt Ion: 82 Resp: 659799
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:164 Resp: 247563
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 45.3 36.0 54.0

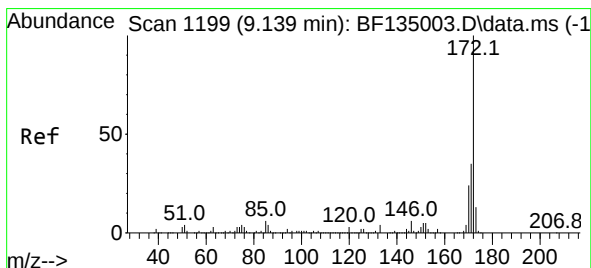
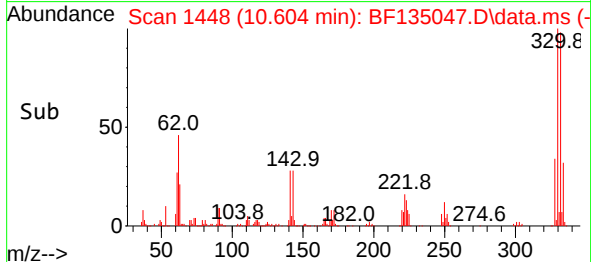
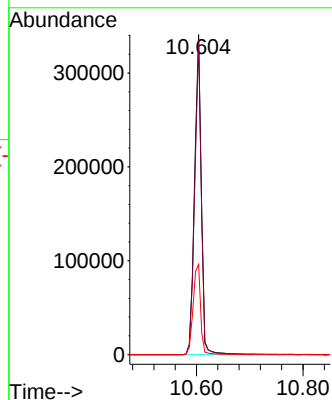
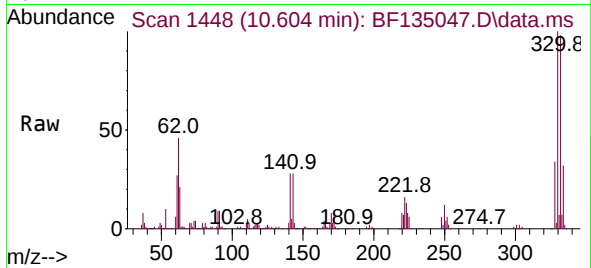




#42
2,4,6-Tribromophenol
Concen: 114.403 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

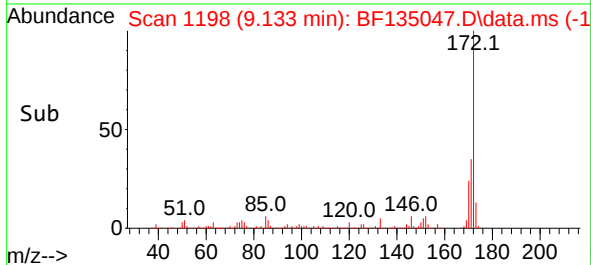
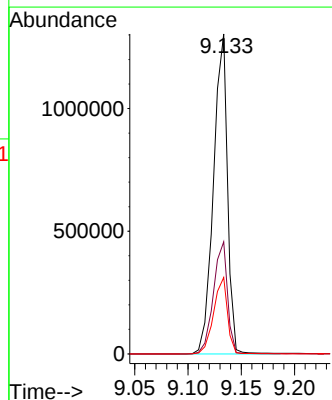
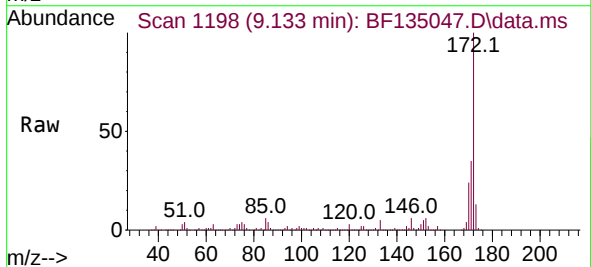
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

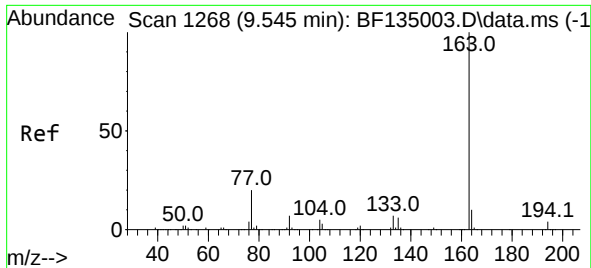
Tgt Ion:330 Resp: 300436
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 31.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.652 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:172 Resp: 1195953
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.9 19.0 28.4

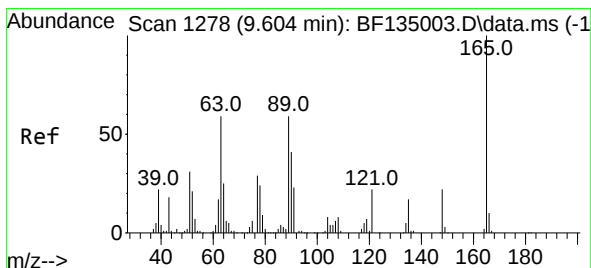
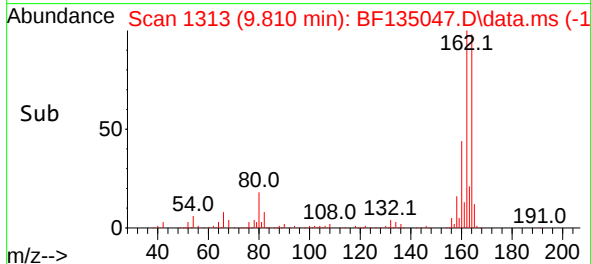
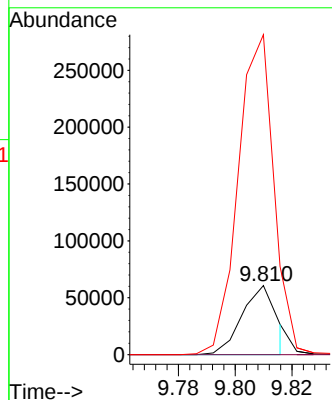
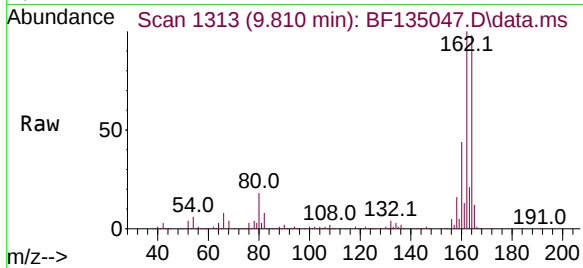




#50
Dimethylphthalate
Concen: 2.954 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

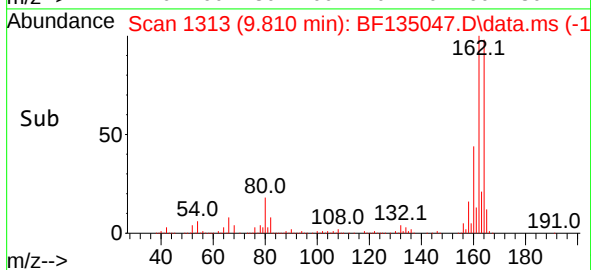
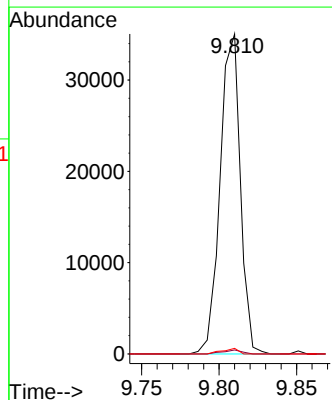
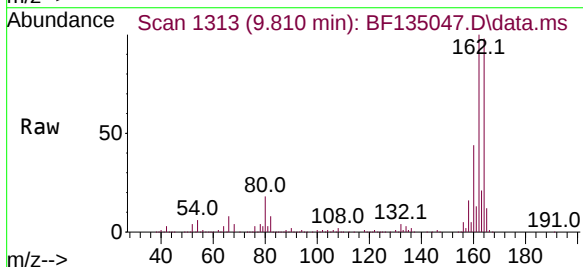
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SB-01(48-50)

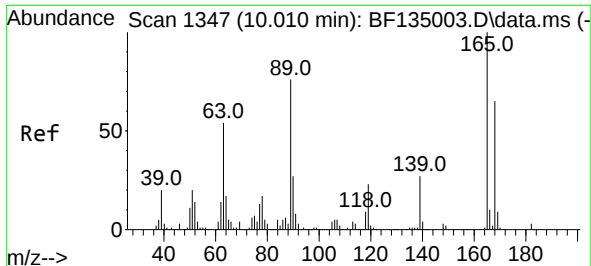
Tgt Ion:163 Resp: 51201
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 463.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:165 Resp: 31810
Ion Ratio Lower Upper
165 100
63 1.2 50.4 75.6#
89 1.7 47.1 70.7#

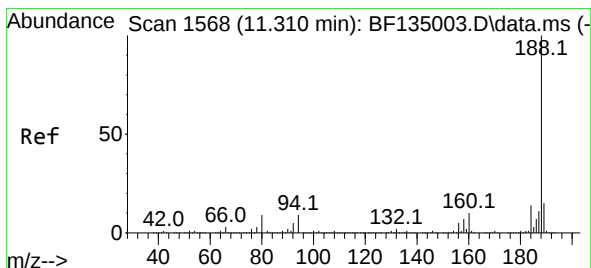
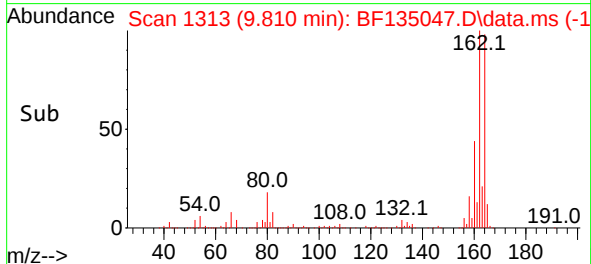
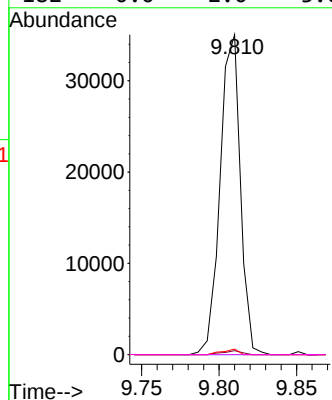
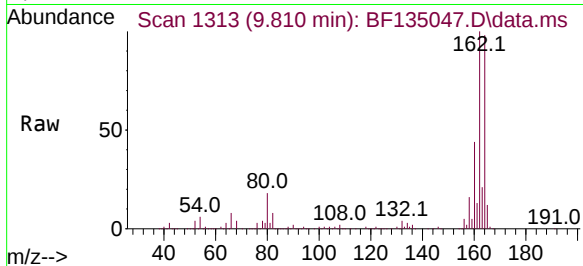




#57
2,4-Dinitrotoluene
Concen: 6.711 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

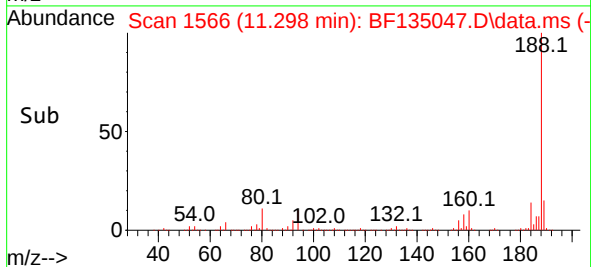
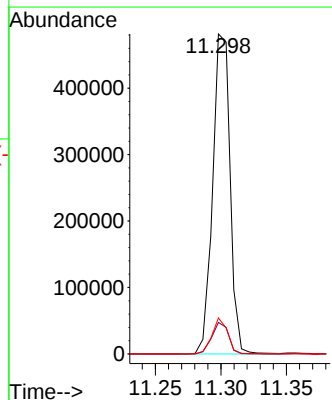
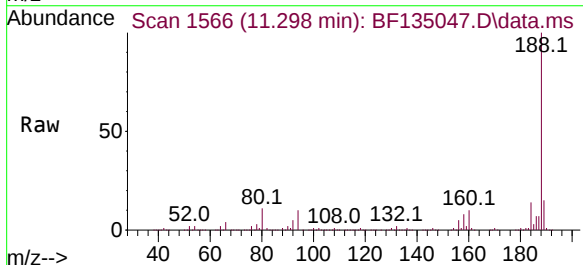
Instrument :
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SB-01(48-50)

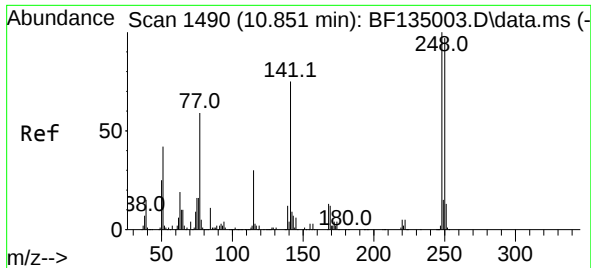
Tgt Ion:165 Resp: 31810
Ion Ratio Lower Upper
165 100
63 1.2 43.2 64.8#
89 1.7 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:188 Resp: 445299
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 11.2 7.4 11.2#

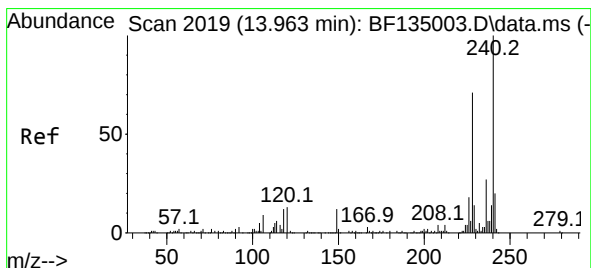
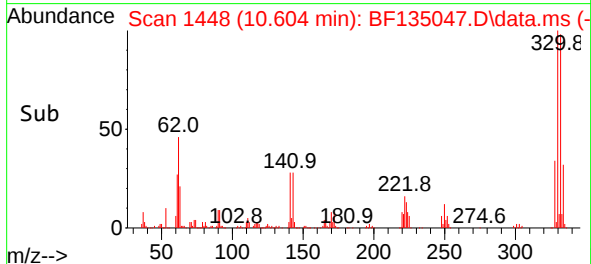
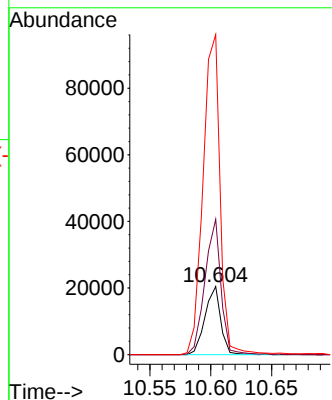
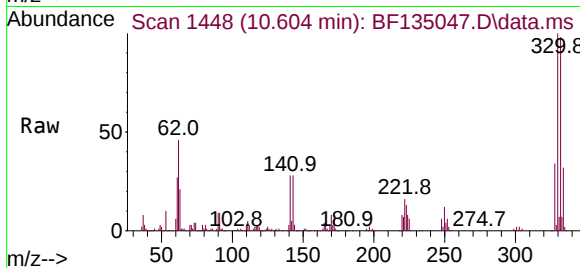




#67
4-Bromophenyl-phenylether
Concen: 3.885 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

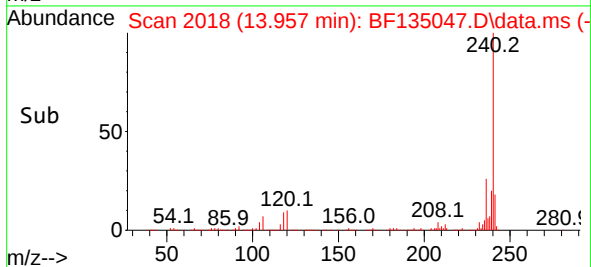
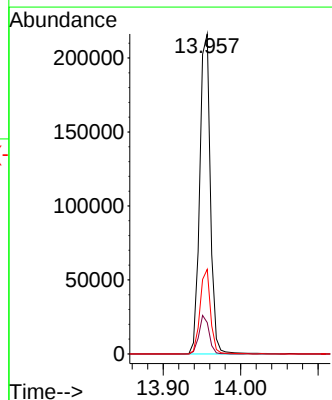
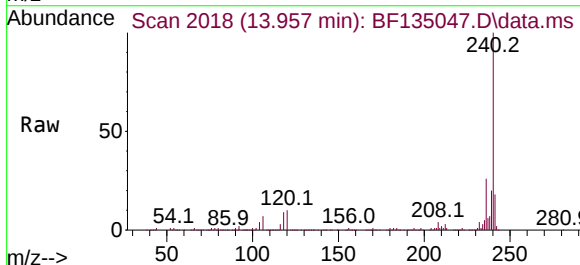
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

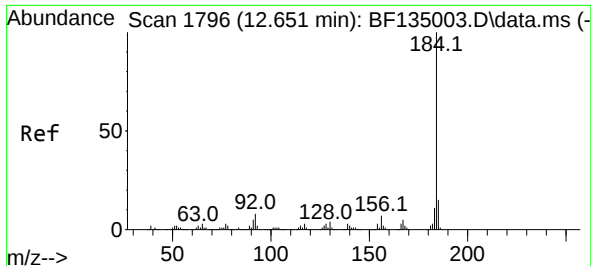
Tgt Ion:248 Resp: 18349
Ion Ratio Lower Upper
248 100
250 198.9 77.9 116.9#
141 470.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:240 Resp: 205327
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.2#
236 26.4 21.3 31.9

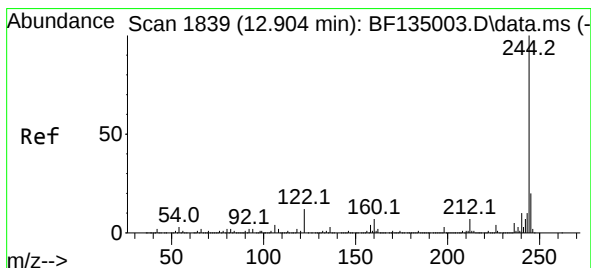
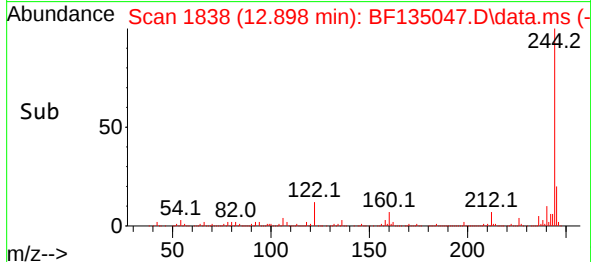
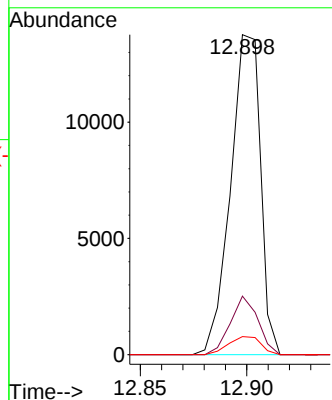
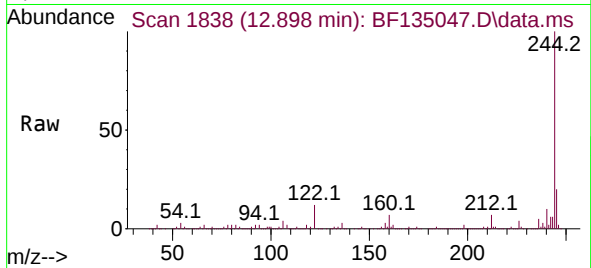




#77
Benzidine
Concen: 3.633 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

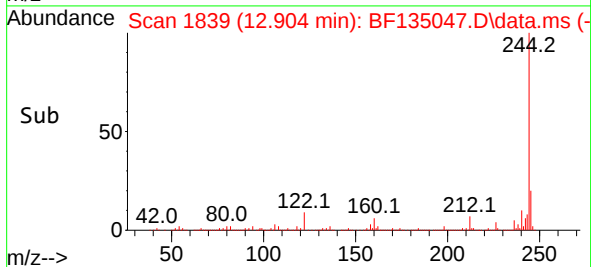
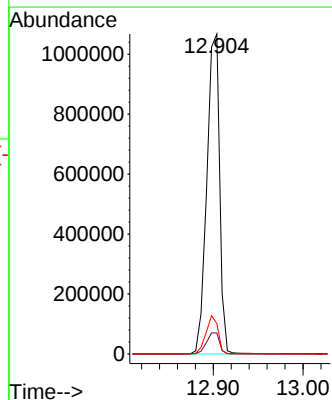
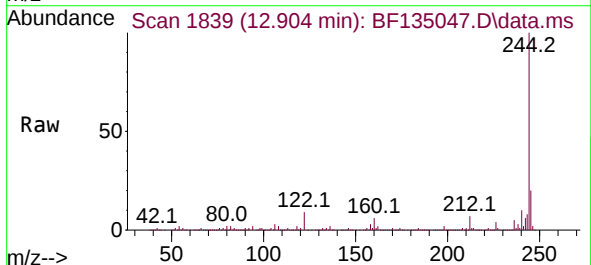
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

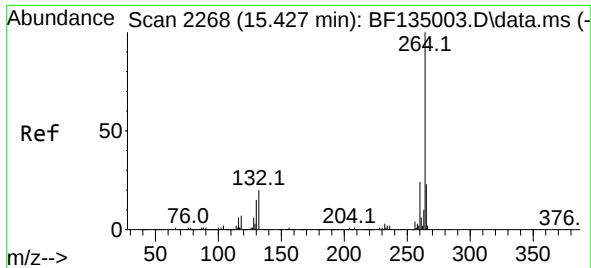
Tgt Ion:184 Resp: 13448
Ion Ratio Lower Upper
184 100
185 18.3 12.0 18.0#
183 5.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 83.800 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

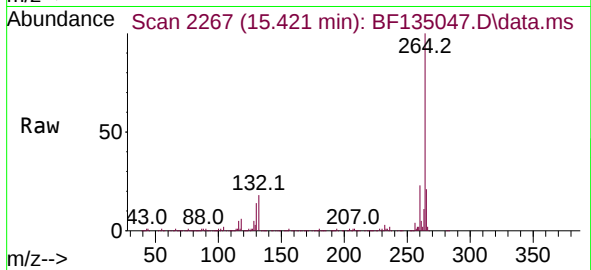
Tgt Ion:244 Resp: 1054382
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.5 9.8 14.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)



Tgt Ion:264 Resp: 243438
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.0 18.2 27.2

