

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134553.D
 Acq On : 01 Aug 2023 17:47
 Operator : CG\JU
 Sample : 03781-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1

Quant Time: Aug 02 02:44:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

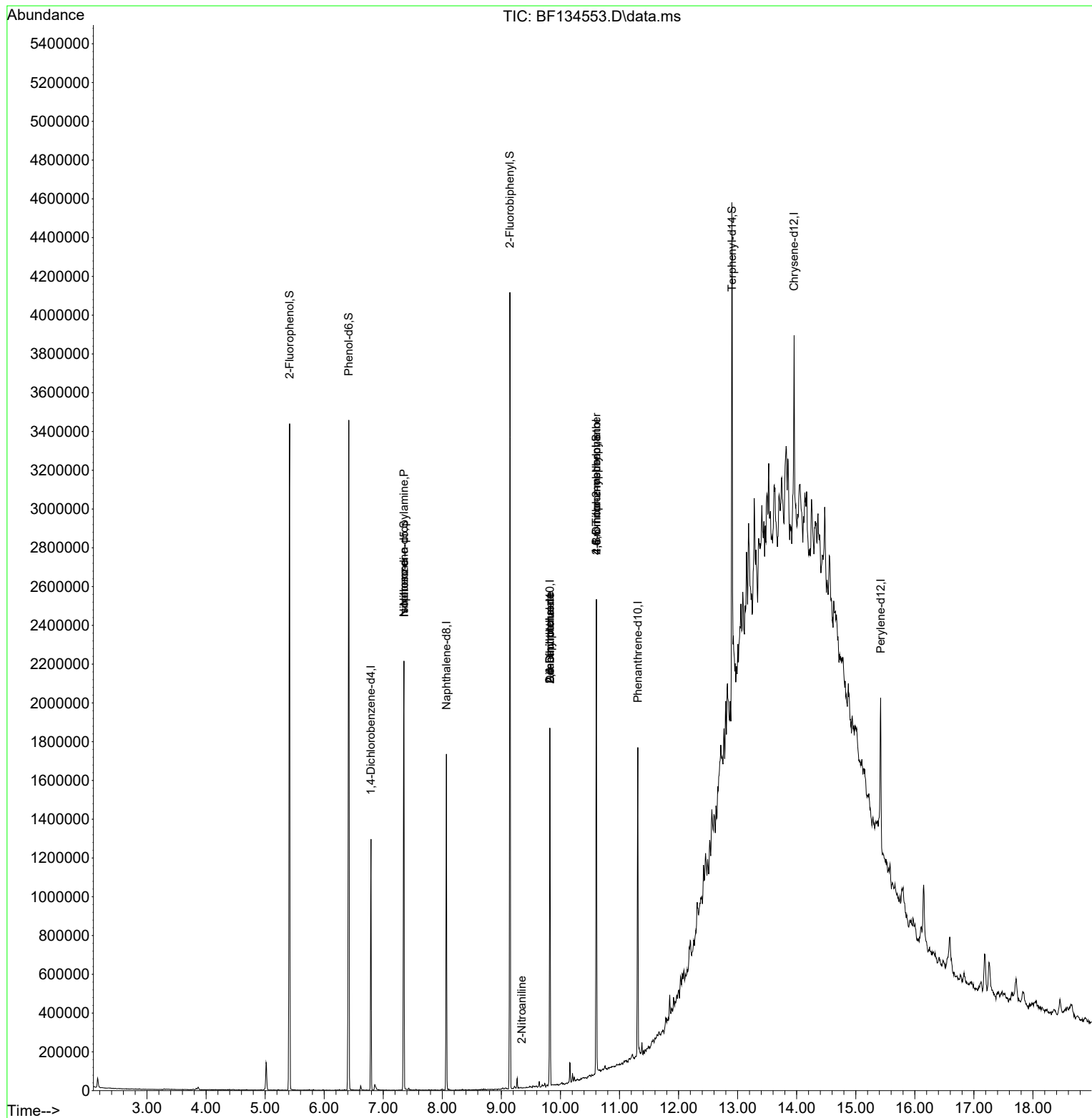
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169396	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	664981	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	327277	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	549235	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	311693	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	382203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	953625	85.575	ng	0.00
7) Phenol-d6	6.416	99	1217195	85.446	ng	-0.01
23) Nitrobenzene-d5	7.351	82	660194	62.043	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	272196	81.587	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1240662	63.030	ng	0.00
79) Terphenyl-d14	12.904	244	1026026	58.030	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	1956	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	90740	10.639	ng	# 75
25) Isophorone	7.351	82	660188	28.445	ng	# 65
48) 2-Nitroaniline	9.345	65	319	3.216	ng	# 34
50) Dimethylphthalate	9.822	163	64463	2.890	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	44462	11.718	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	44462	10.427	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	670	8.946	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	17141	2.851	ng	# 1

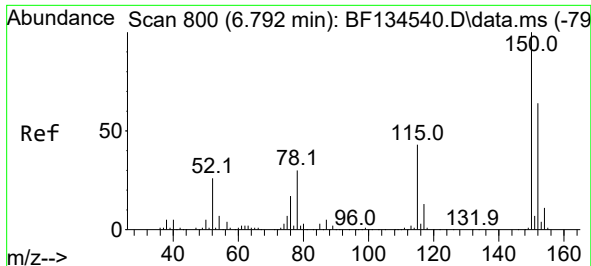
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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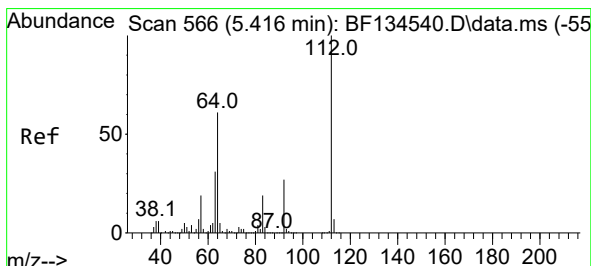
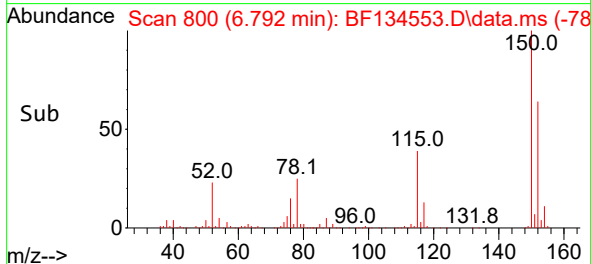
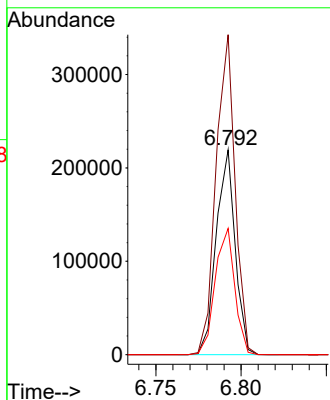
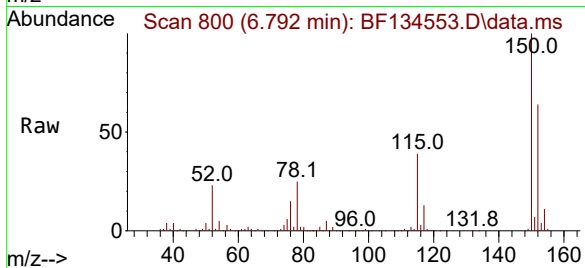




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

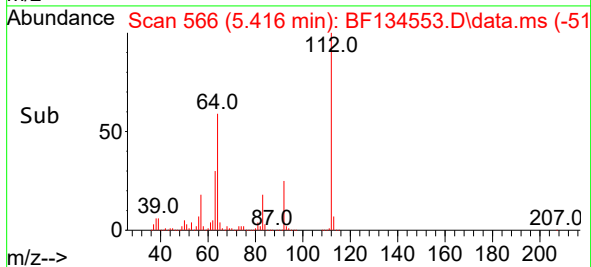
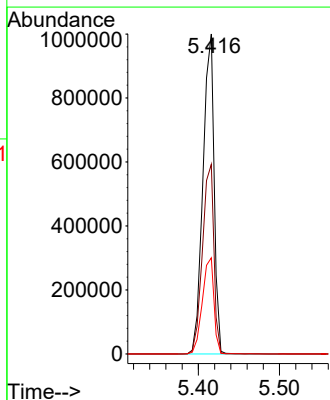
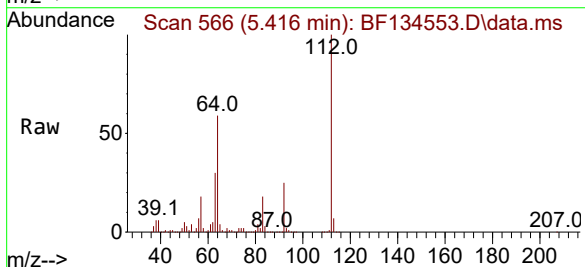
Instrument :
BNA_F
ClientSampleId :
OS-1

Tgt Ion:152 Resp: 169396
Ion Ratio Lower Upper
152 100
150 156.3 128.3 192.5
115 61.6 52.4 78.6



#5
2-Fluorophenol
Concen: 85.575 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion:112 Resp: 953625
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 30.1 25.4 38.0

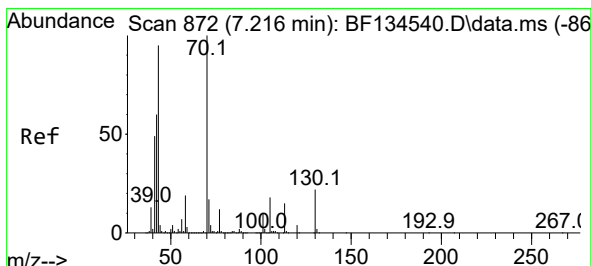
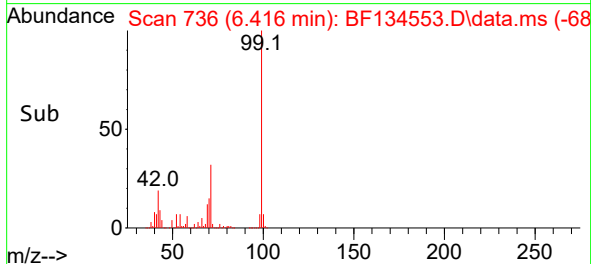
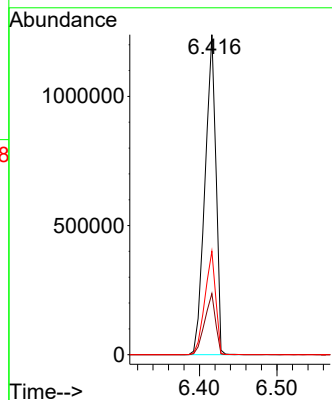
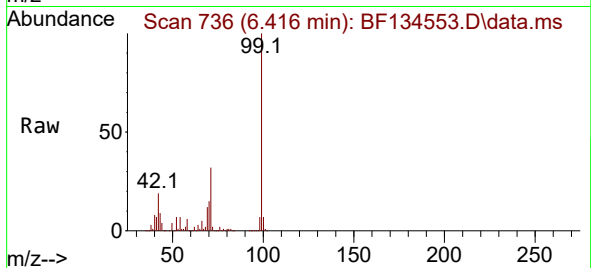




#7
Phenol-d6
Concen: 85.446 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

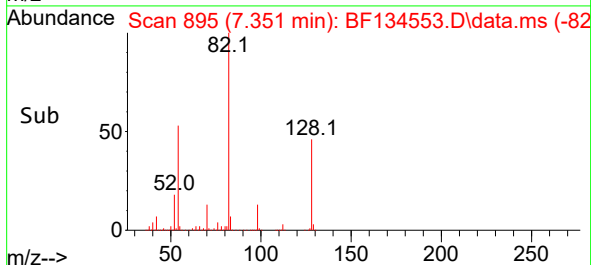
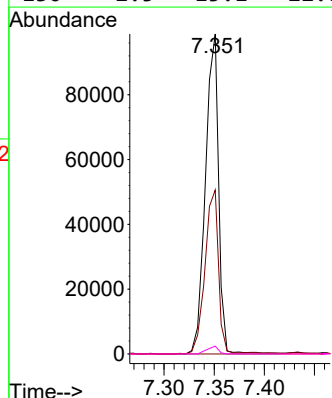
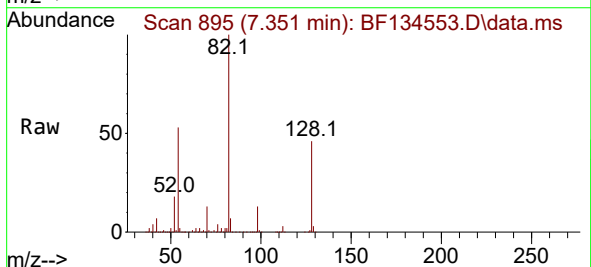
Instrument :
BNA_F
ClientSampleId :
OS-1

Tgt Ion: 99 Resp: 1217195
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 32.3 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.639 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion: 70 Resp: 90740
Ion Ratio Lower Upper
70 100
42 51.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

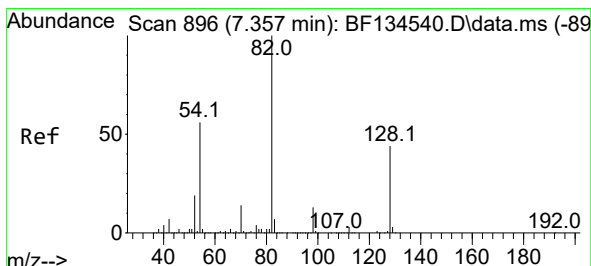
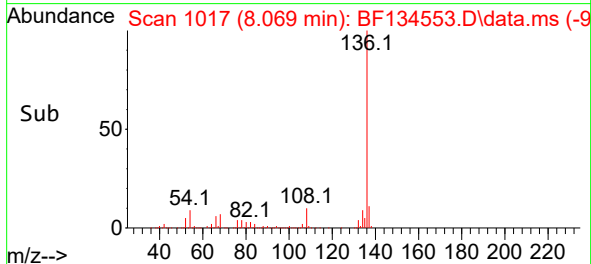
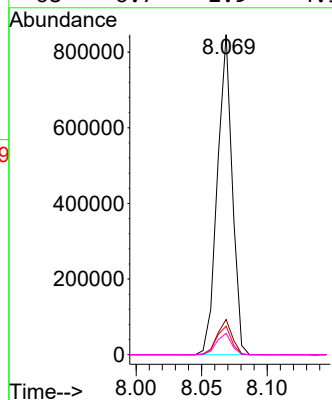
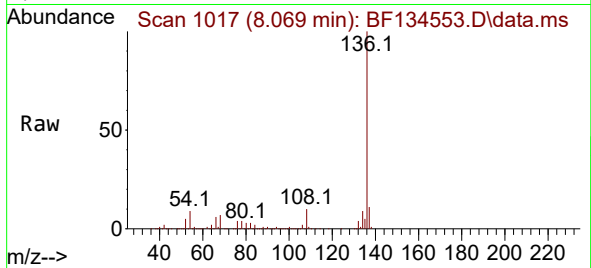




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

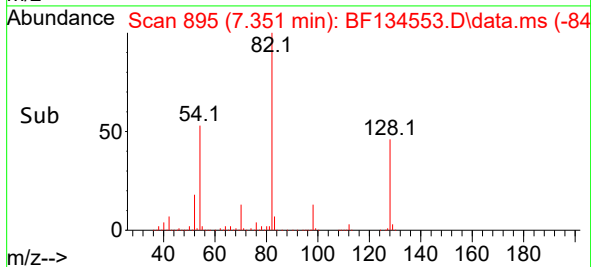
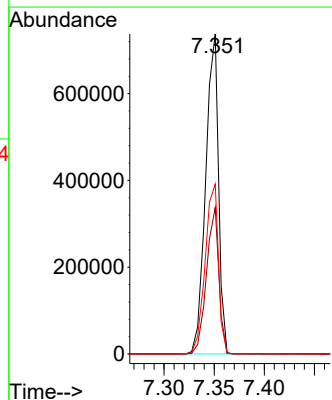
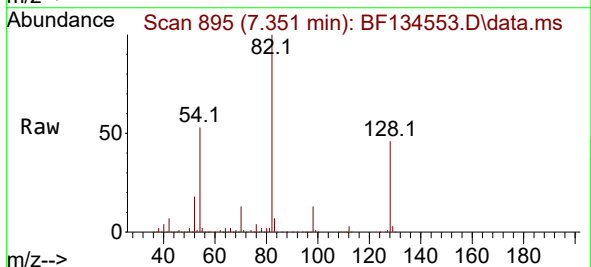
Instrument :
BNA_F
ClientSampleId :
OS-1

Tgt Ion:136 Resp: 664981
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.9 5.2 7.8#
68 6.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 62.043 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion: 82 Resp: 660194
Ion Ratio Lower Upper
82 100
128 45.7 34.3 51.5
54 53.1 43.8 65.6

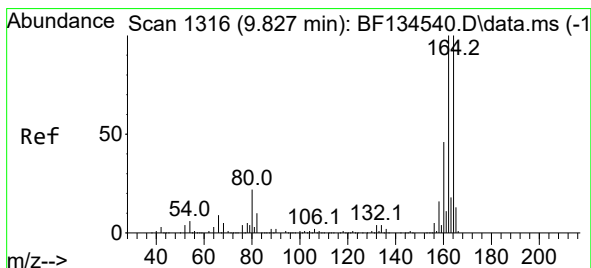
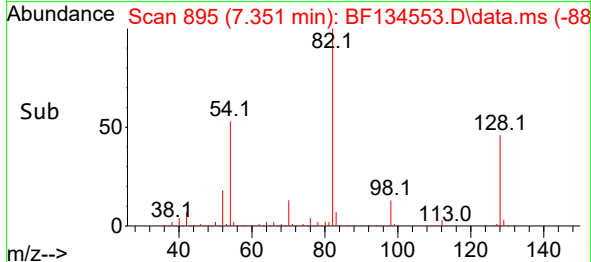
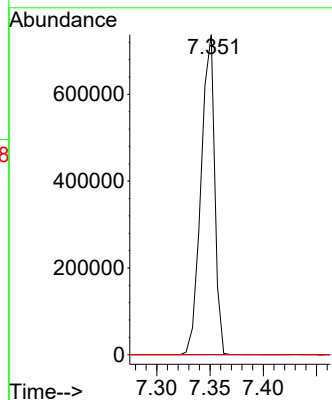
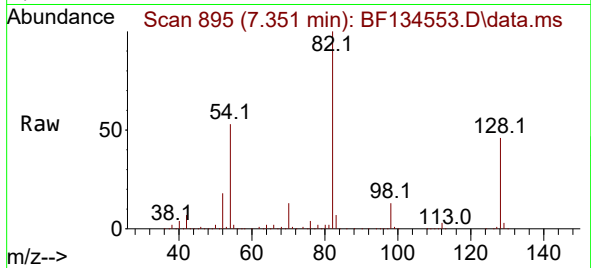




#25
Isophorone
Concen: 28.445 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

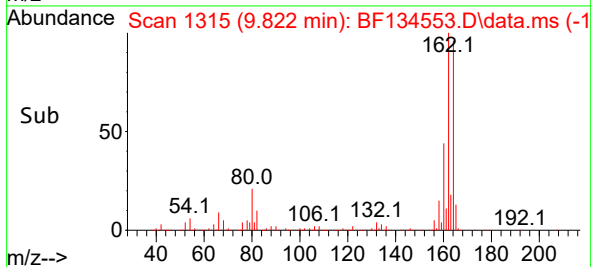
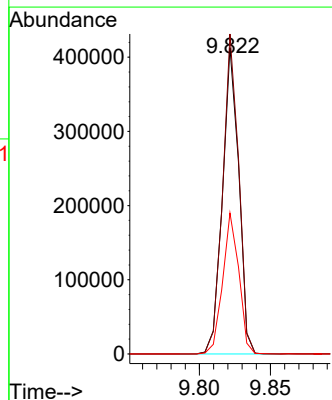
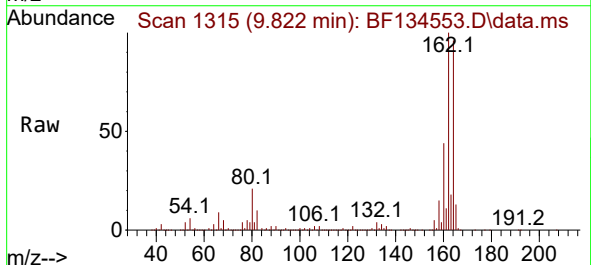
Instrument :
BNA_F
ClientSampleId :
OS-1

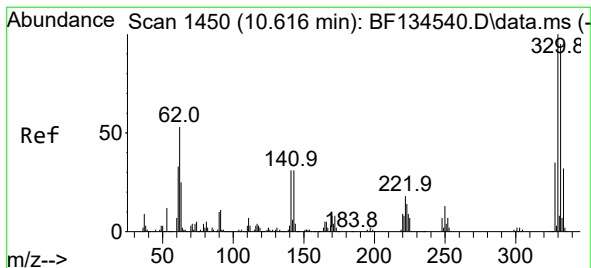
Tgt Ion: 82 Resp: 660188
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

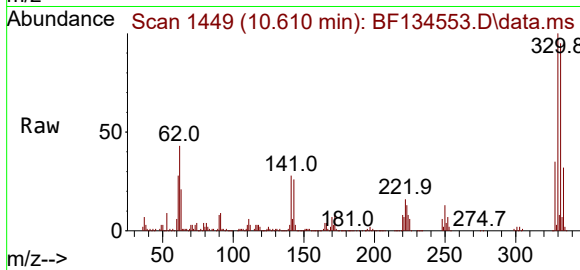
Tgt Ion:164 Resp: 327277
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 46.0 37.2 55.8



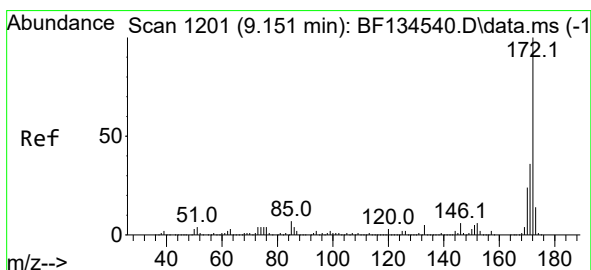
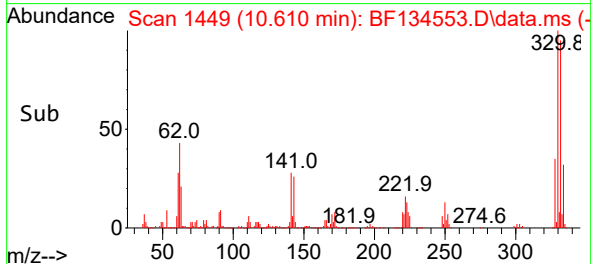
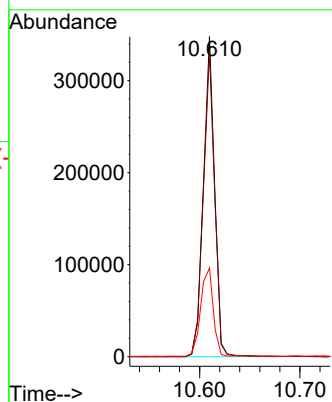


#42
2,4,6-Tribromophenol
Concen: 81.587 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Instrument :
BNA_F
ClientSampleId :
OS-1

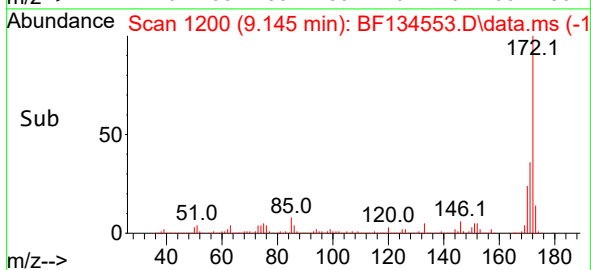
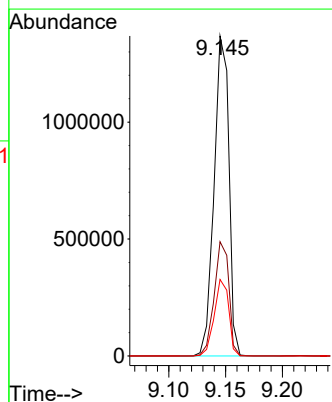
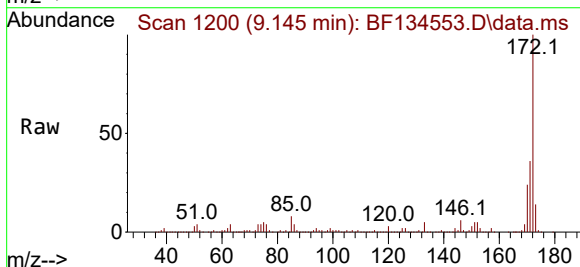


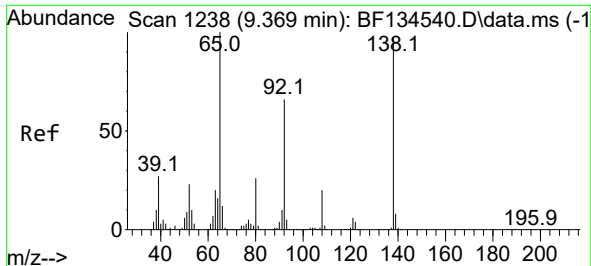
Tgt Ion:330 Resp: 272196
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 31.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 63.030 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion:172 Resp: 1240662
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 18.7 28.1

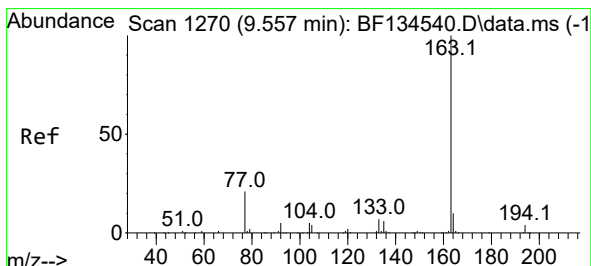
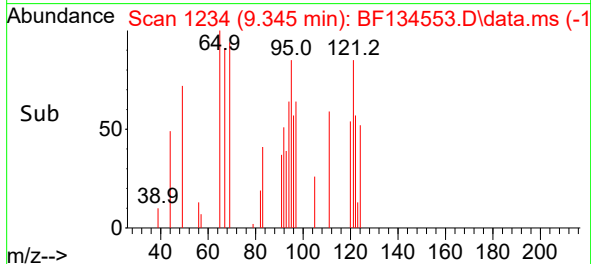
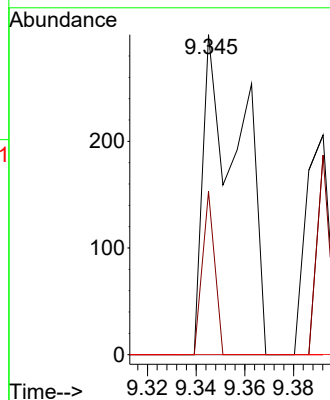
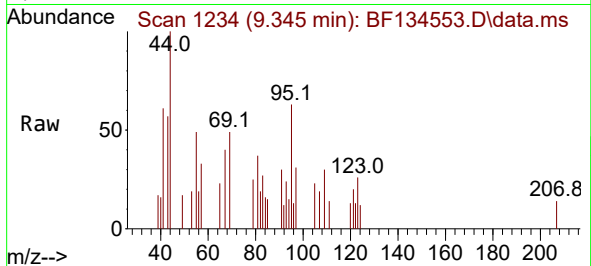




#48
2-Nitroaniline
Concen: 3.216 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

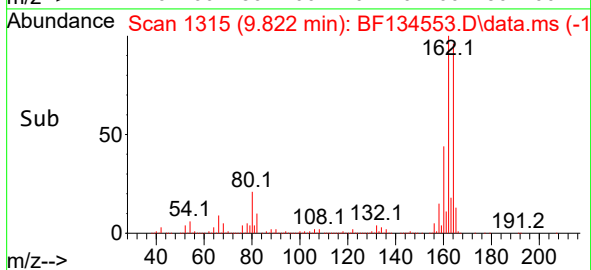
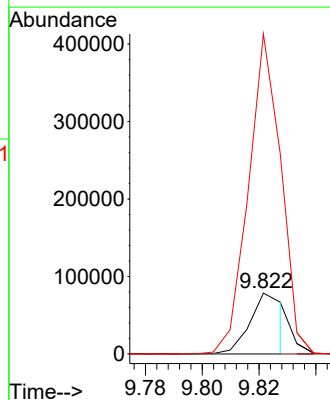
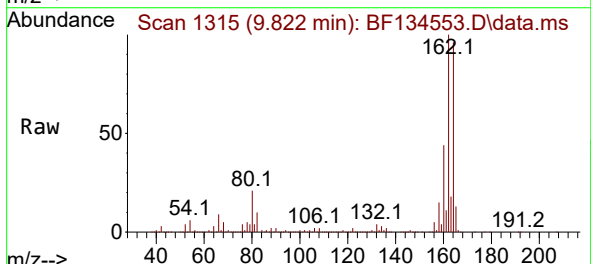
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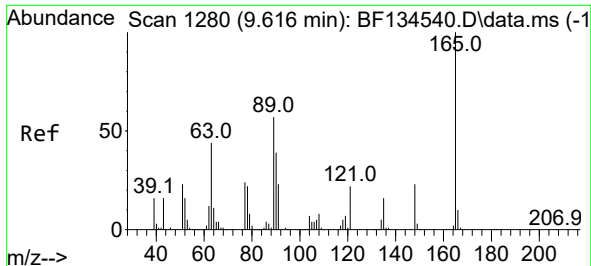
Tgt Ion: 65 Resp: 319
Ion Ratio Lower Upper
65 100
92 51.0 50.7 76.1
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 2.890 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion: 163 Resp: 64463
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 526.3 7.5 11.3#

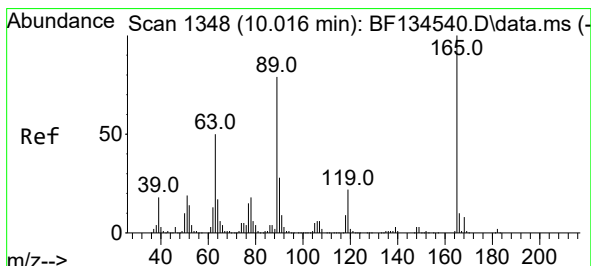
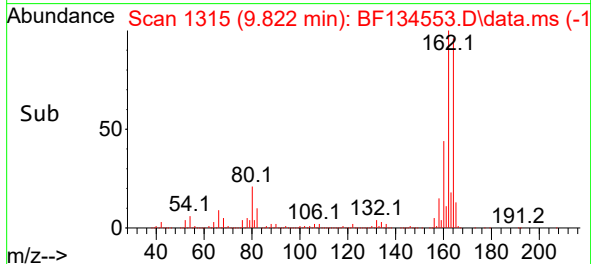
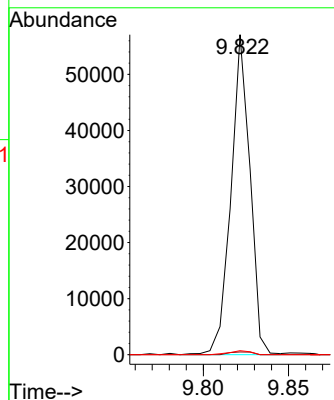
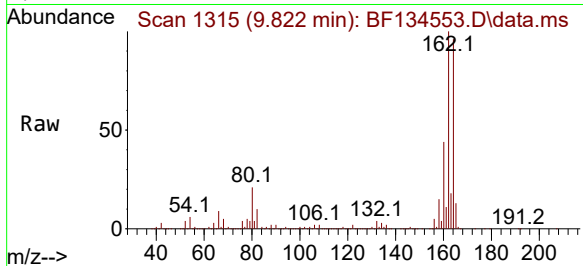




#51
2,6-Dinitrotoluene
Concen: 11.718 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

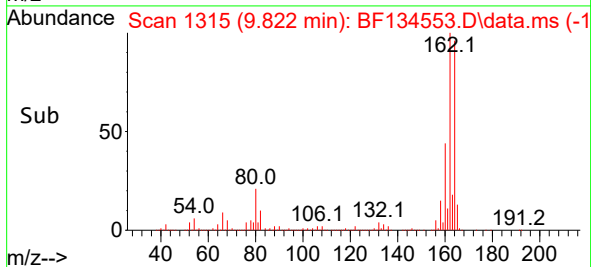
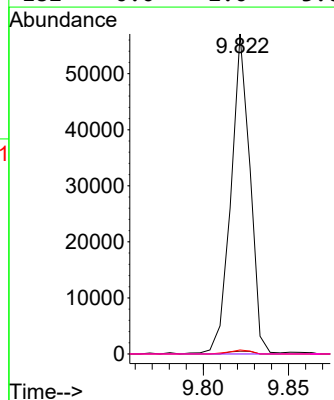
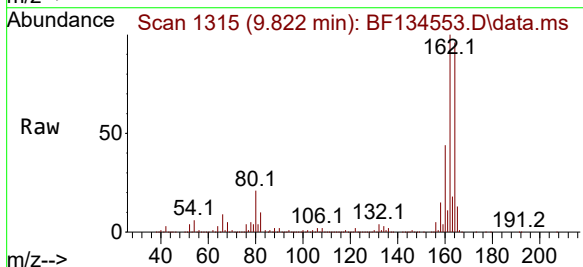
Instrument :
BNA_F
ClientSampleId :
OS-1

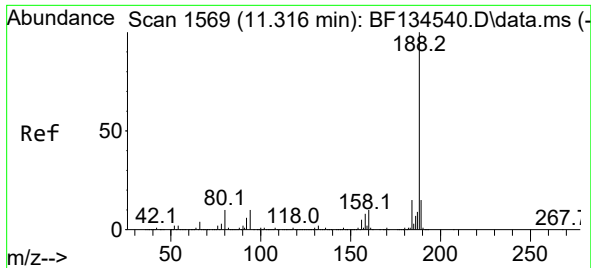
Tgt Ion:165 Resp: 44462
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.3 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.427 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion:165 Resp: 44462
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#

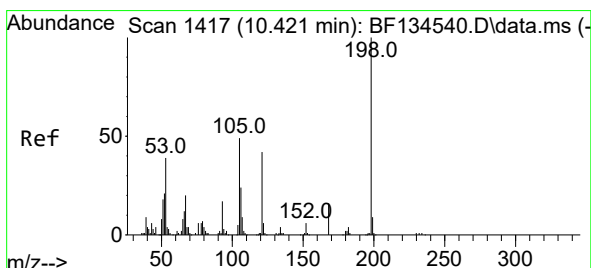
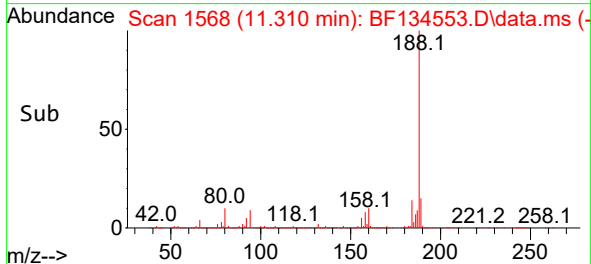
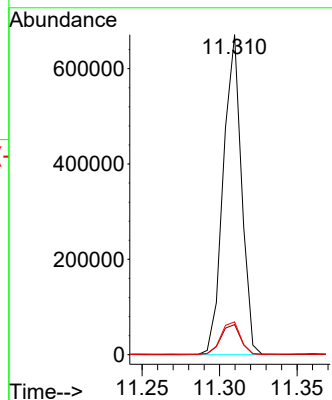
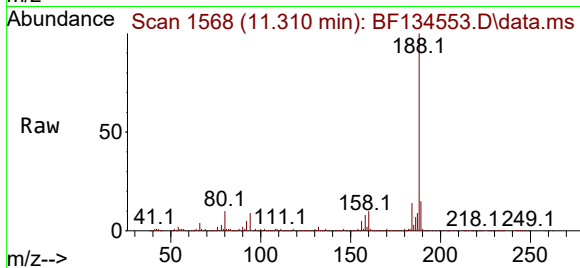




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

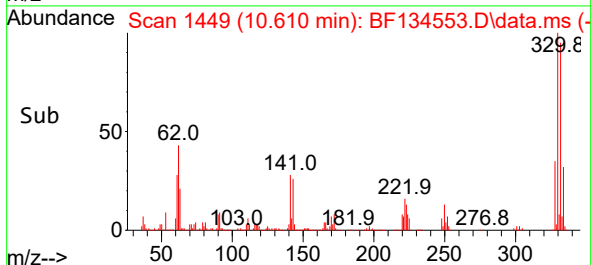
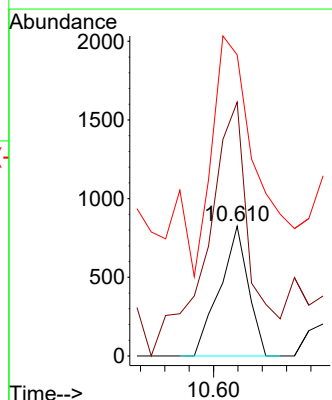
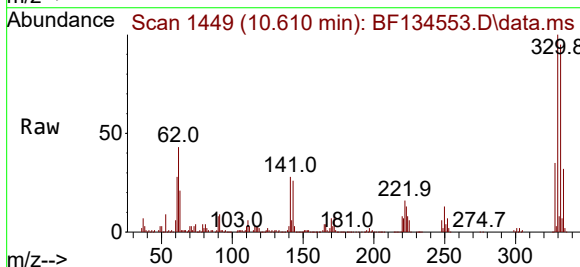
Instrument :
BNA_F
ClientSampleId :
OS-1

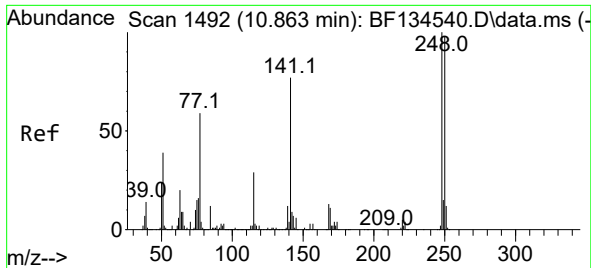
Tgt Ion:188 Resp: 549235
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 10.3 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.946 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.189 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion:198 Resp: 670
Ion Ratio Lower Upper
198 100
51 195.5 38.6 78.6#
105 232.0 27.9 67.9#

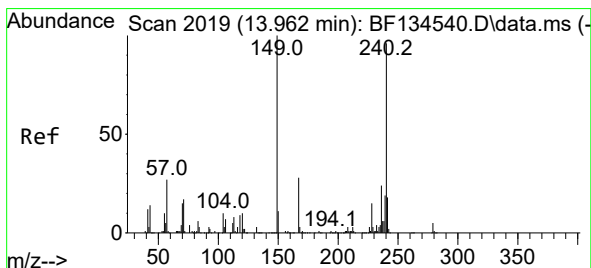
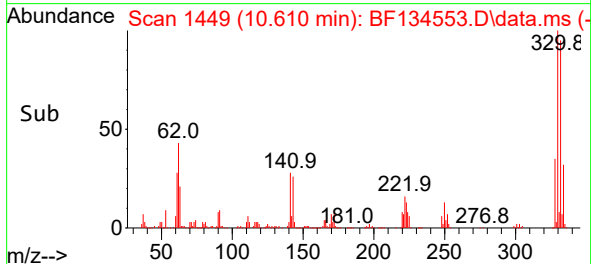
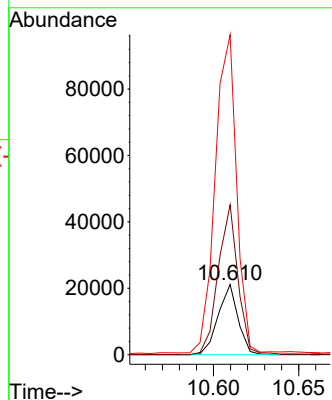
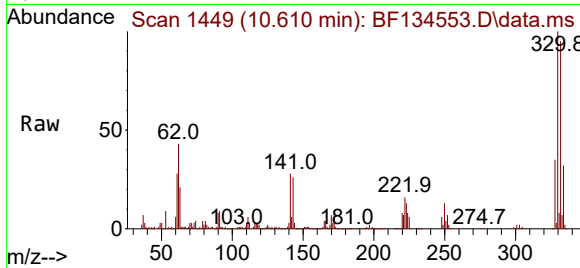




#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

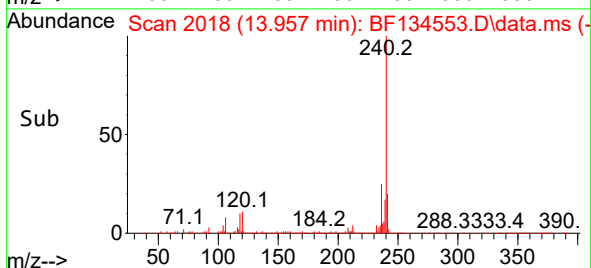
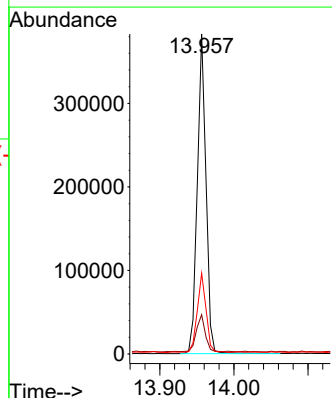
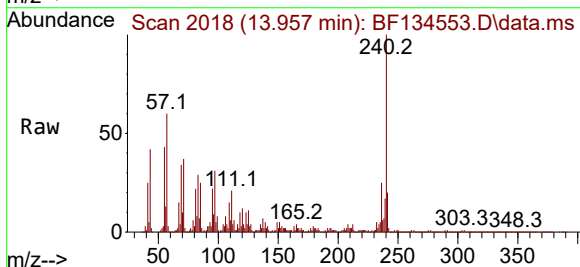
Instrument :
BNA_F
ClientSampleId :
OS-1

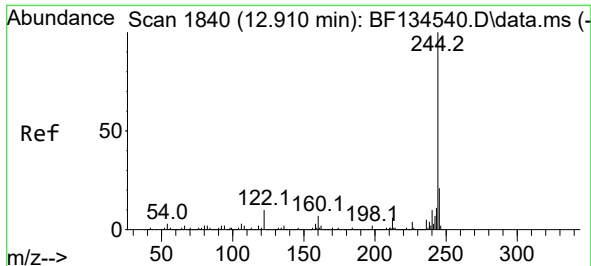
Tgt Ion:248 Resp: 17141
Ion Ratio Lower Upper
248 100
250 213.5 79.6 119.4#
141 455.8 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134553.D
Acq: 01 Aug 2023 17:47

Tgt Ion:240 Resp: 311693
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0#
236 25.2 20.2 30.2

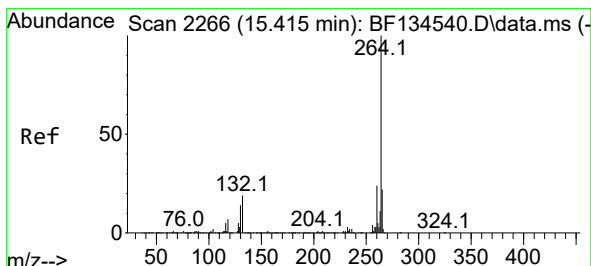
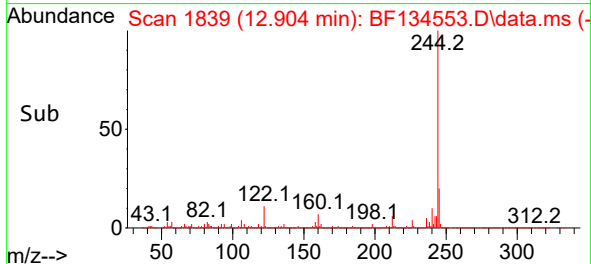
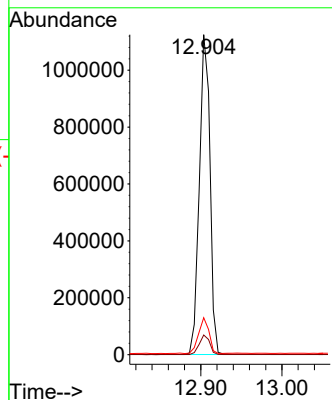
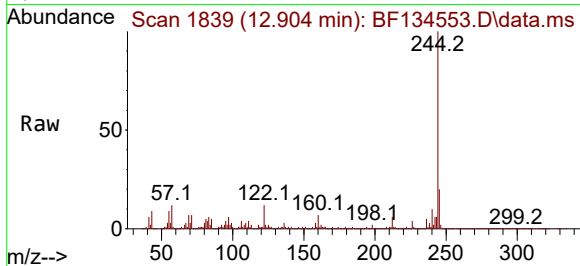




#79
 Terphenyl-d14
 Concen: 58.030 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134553.D
 Acq: 01 Aug 2023 17:47

Instrument :
 BNA_F
 ClientSampleId :
 OS-1

Tgt Ion:244 Resp: 1026026
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 11.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF134553.D
 Acq: 01 Aug 2023 17:47

Tgt Ion:264 Resp: 382203
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.6 15.8 23.8

