

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134590.D
 Acq On : 02 Aug 2023 20:42
 Operator : CG\JU
 Sample : 03598-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)

Quant Time: Aug 03 01:50:55 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

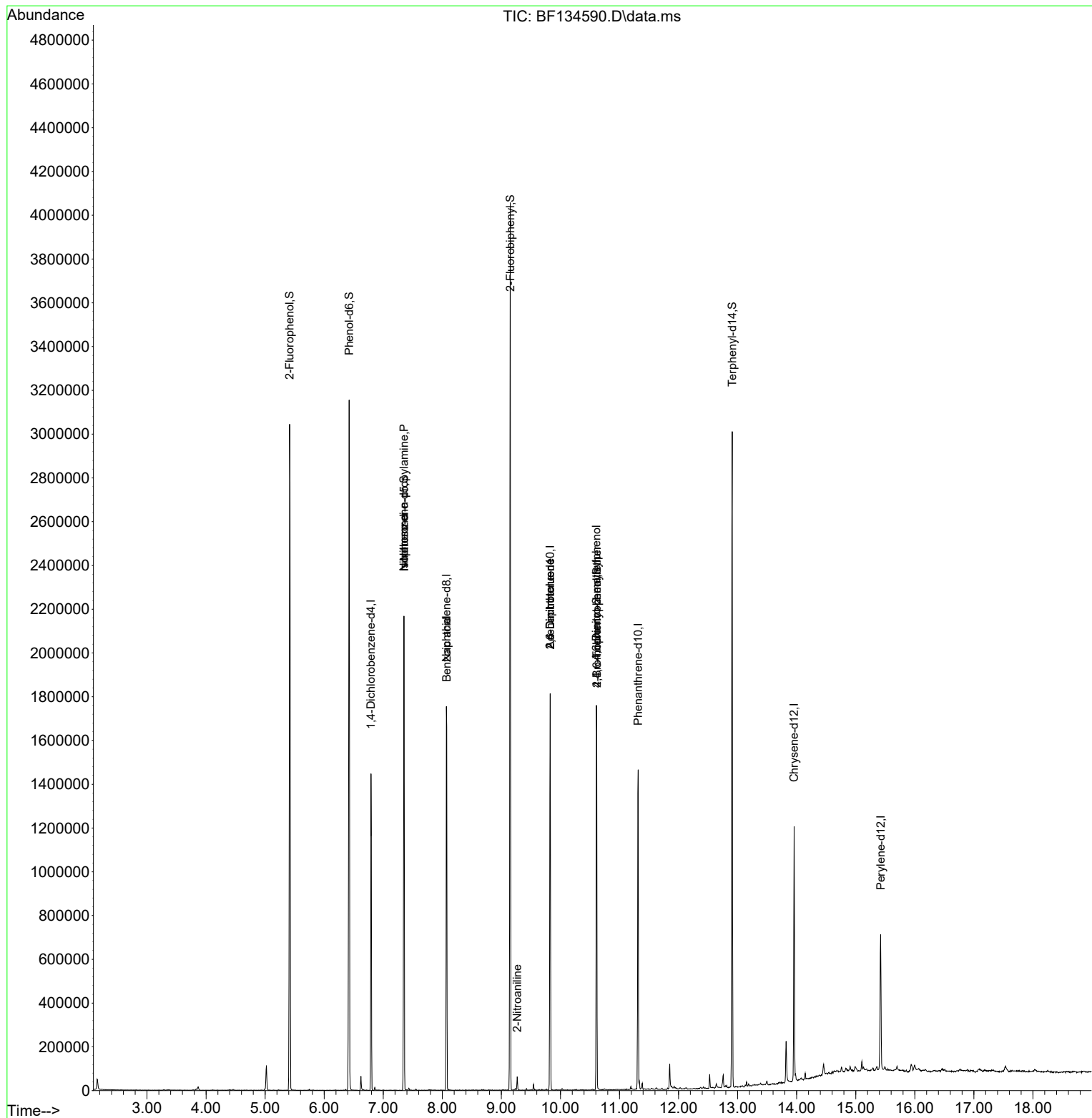
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	197351	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	758432	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	332253	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	517735	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	352750	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	281381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	844112	65.018	ng	0.00
7) Phenol-d6	6.422	99	1052754	63.434	ng	0.00
23) Nitrobenzene-d5	7.351	82	625401	51.531	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	214765	63.409	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1115858	55.841	ng	0.00
79) Terphenyl-d14	12.910	244	1028989	51.424	ng	0.00
Target Compounds						
9) Benzaldehyde	6.345	77	195	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propyla...	7.351	70	82768	8.330	ng	# 75
25) Isophorone	7.351	82	625393	23.626	ng	# 65
32) Benzoic acid	8.075	122	128	7.881	ng	# 1
48) 2-Nitroaniline	9.269	65	497	3.243	ng	# 20
51) 2,6-Dinitrotoluene	9.827	165	44234	11.533	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	44234	10.275	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	555	8.916	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	13395	2.363	ng	# 1

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

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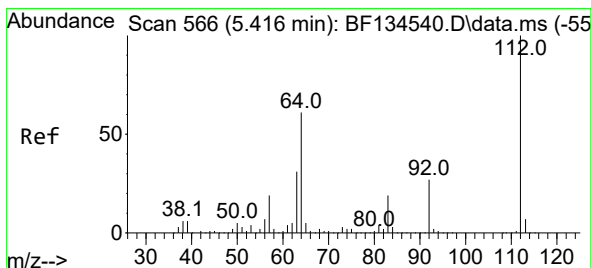
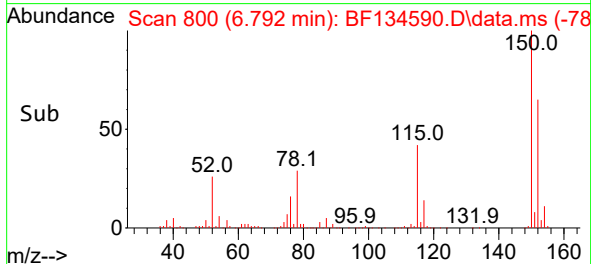
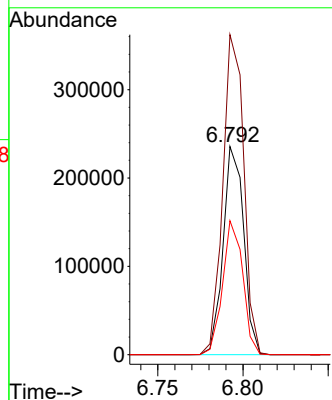
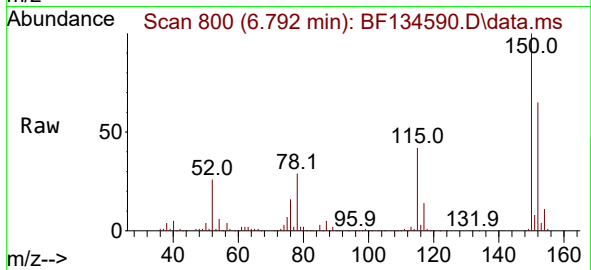




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

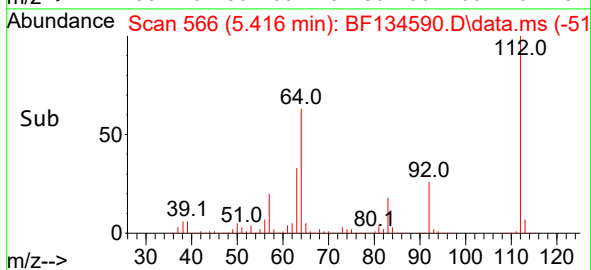
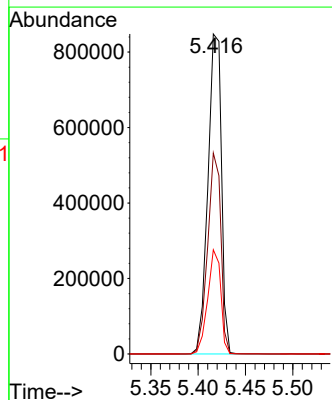
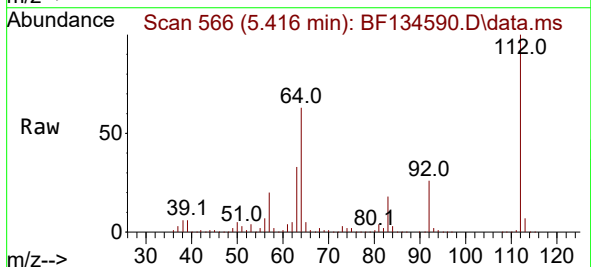
Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)

Tgt Ion:152 Resp: 197351
 Ion Ratio Lower Upper
 152 100
 150 153.7 128.3 192.5
 115 64.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 65.018 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

Tgt Ion:112 Resp: 844112
 Ion Ratio Lower Upper
 112 100
 64 62.8 44.9 67.3
 63 32.5 25.4 38.0

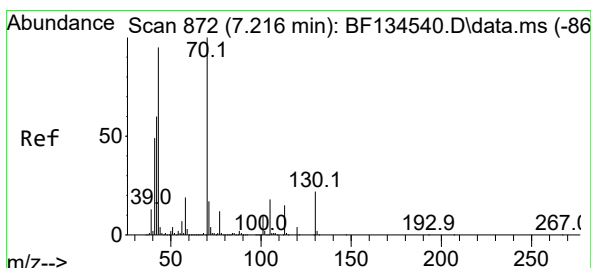
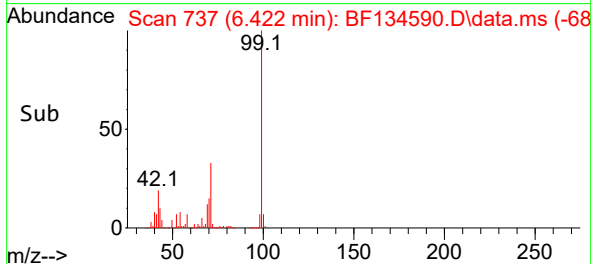
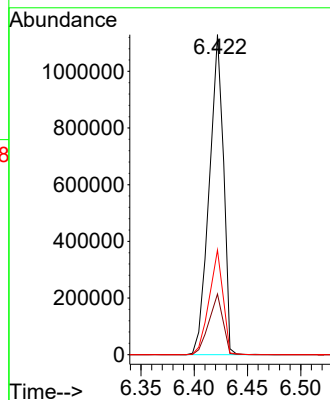
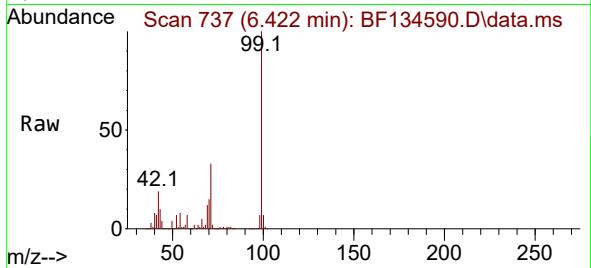




#7
Phenol-d6
Concen: 63.434 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

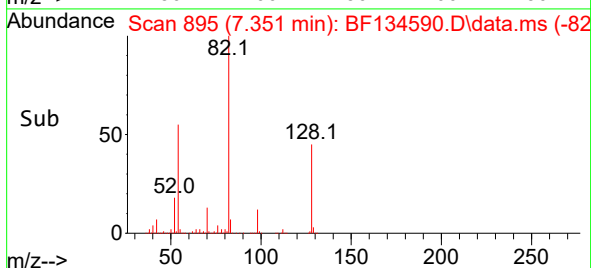
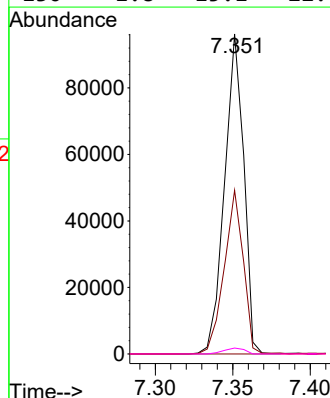
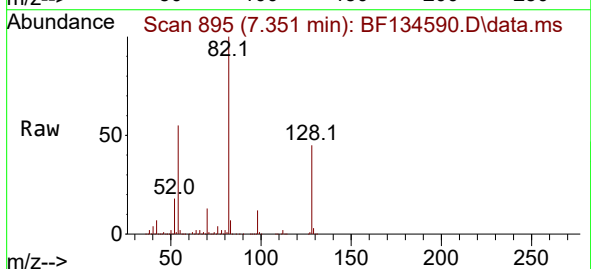
Instrument :
BNA_F
ClientSampleId :
RB-56-(2-5)

Tgt Ion: 99 Resp: 1052754
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 32.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.330 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion: 70 Resp: 82768
Ion Ratio Lower Upper
70 100
42 51.2 54.7 82.1#
101 0.0 8.2 12.2#
130 1.8 15.1 22.7#

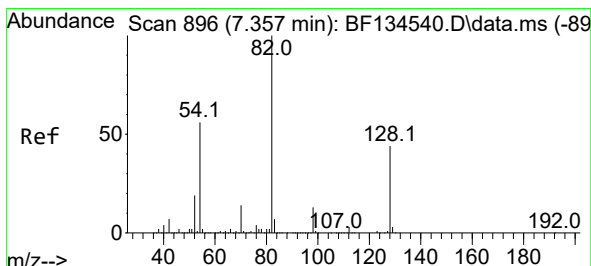
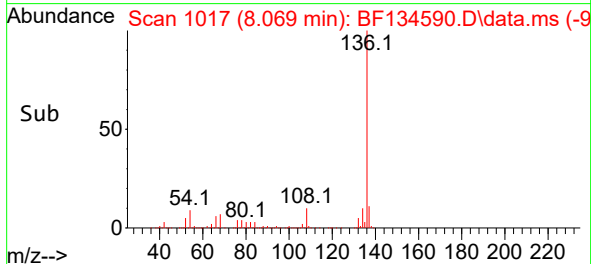
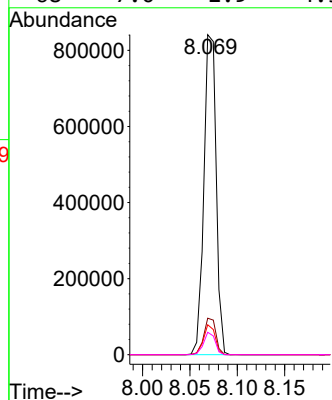
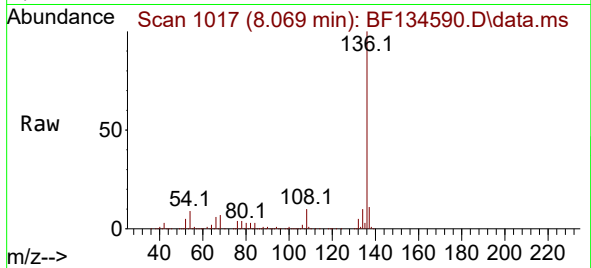




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

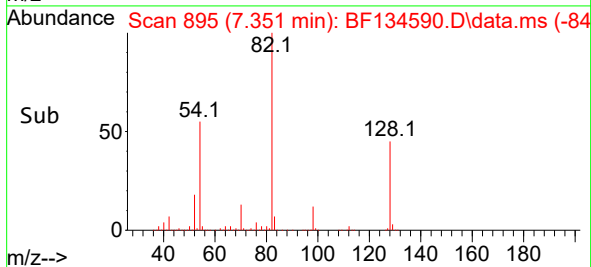
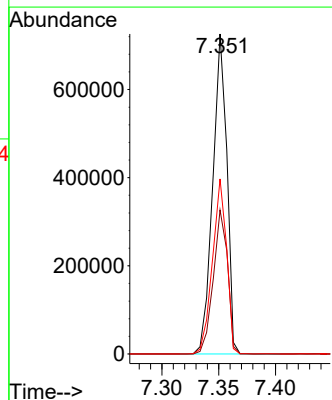
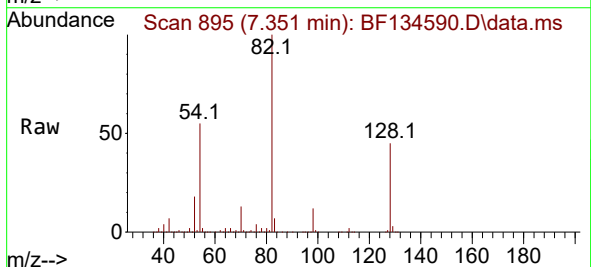
Instrument :
BNA_F
ClientSampleId :
RB-56-(2-5)

Tgt Ion:136 Resp: 758432
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.4 5.2 7.8#
68 7.0 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 51.531 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion: 82 Resp: 625401
Ion Ratio Lower Upper
82 100
128 45.0 34.3 51.5
54 54.7 43.8 65.6

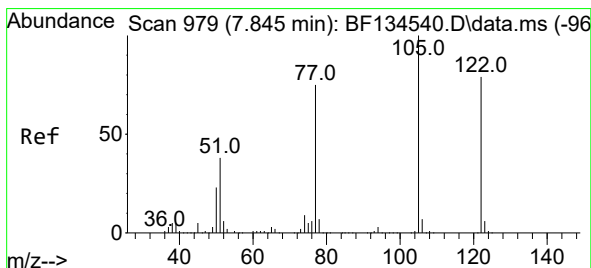
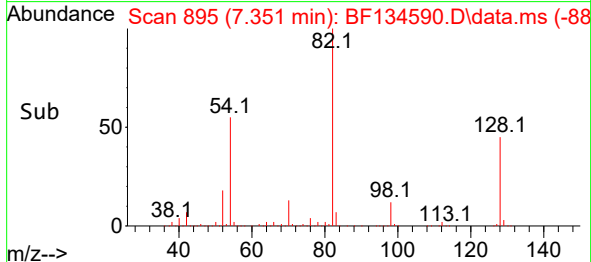
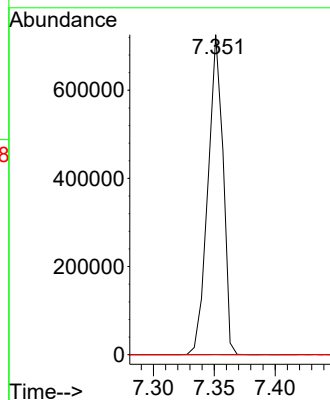
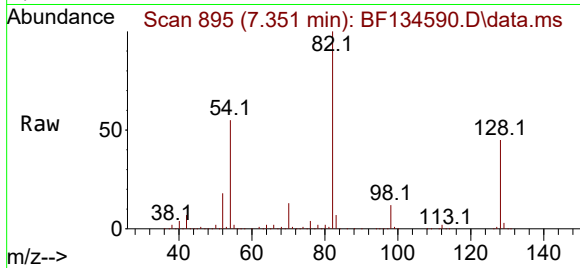




#25
Isophorone
Concen: 23.626 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

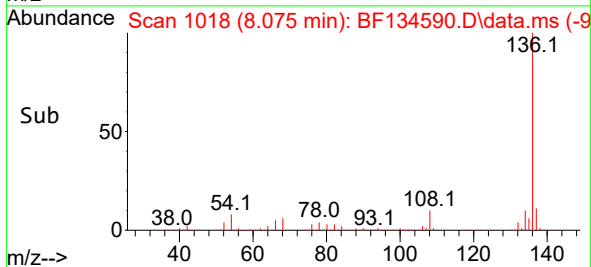
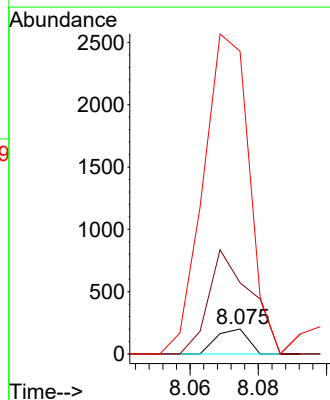
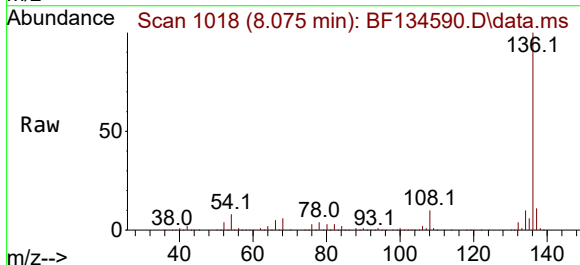
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BNA_F
ClientSampleId :
RB-56-(2-5)

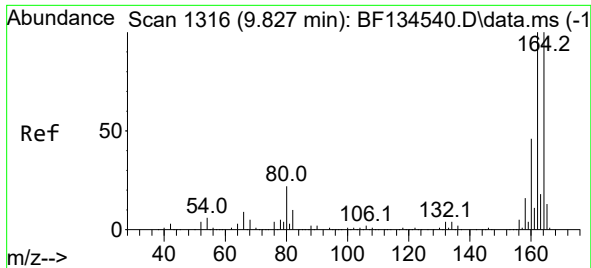
Tgt Ion: 82 Resp: 625393
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.881 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.230 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion: 122 Resp: 128
Ion Ratio Lower Upper
122 100
105 286.0 87.5 127.5#
77 1215.0 71.4 111.4#

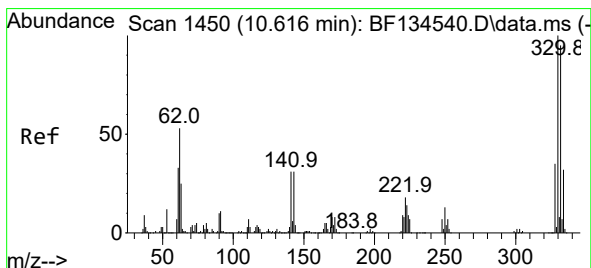
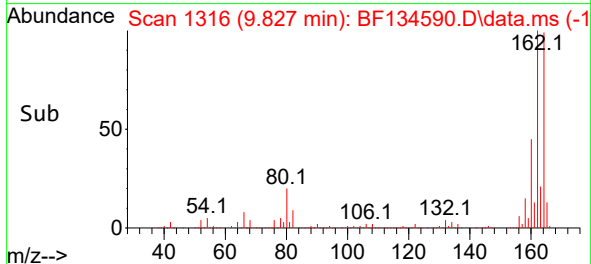
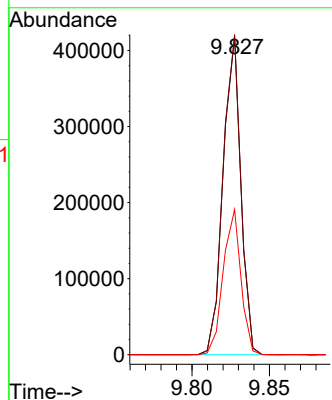
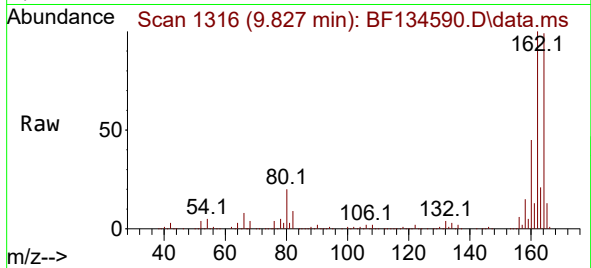




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

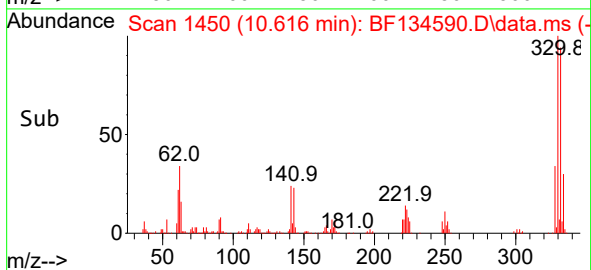
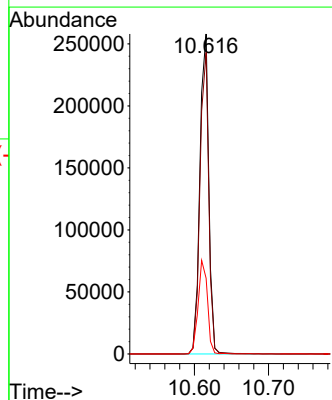
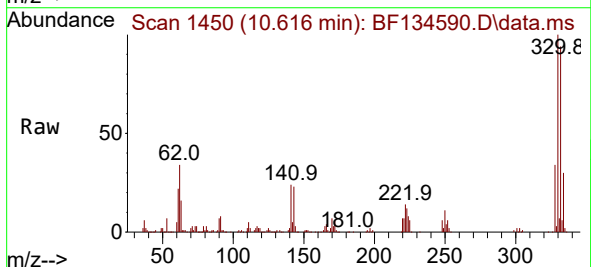
Instrument :
BNA_F
ClientSampleId :
RB-56-(2-5)

Tgt Ion:164 Resp: 332253
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 45.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 63.409 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion:330 Resp: 214765
Ion Ratio Lower Upper
330 100
332 92.8 78.8 118.2
141 30.4 25.4 38.2

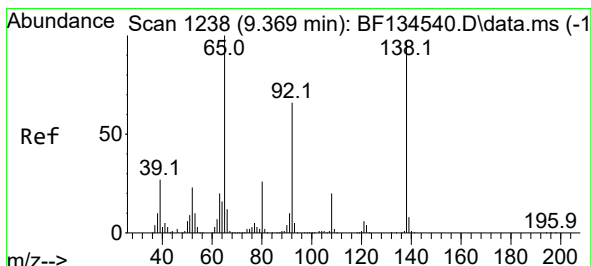
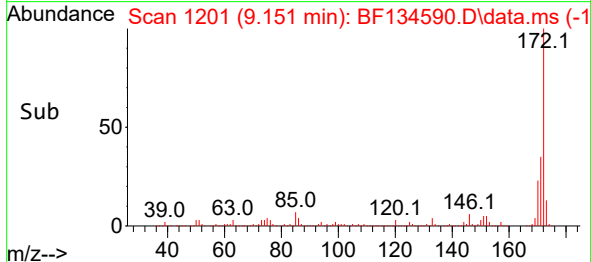
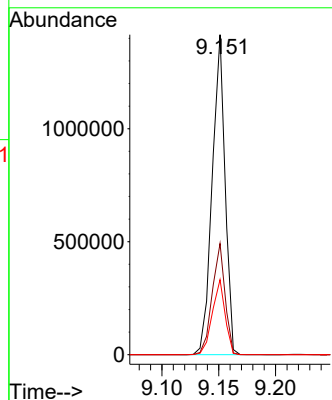
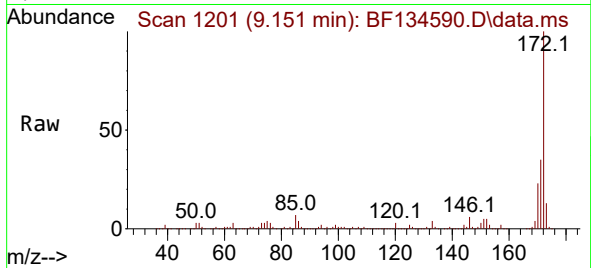




#45
2-Fluorobiphenyl
Concen: 55.841 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

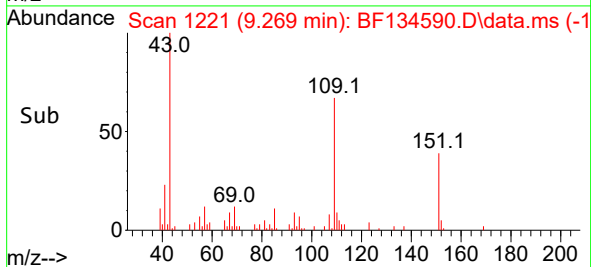
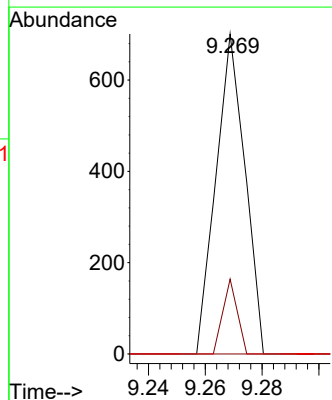
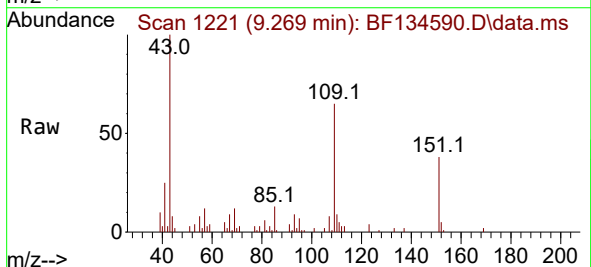
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ClientSampleId :
RB-56-(2-5)

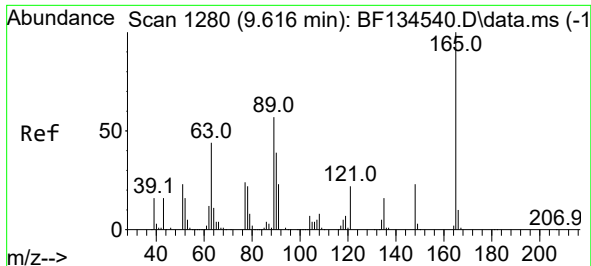
Tgt Ion:172 Resp: 1115858
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 18.7 28.1



#48
2-Nitroaniline
Concen: 3.243 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.100 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion: 65 Resp: 497
Ion Ratio Lower Upper
65 100
92 23.4 50.7 76.1#
138 0.0 78.2 117.4#

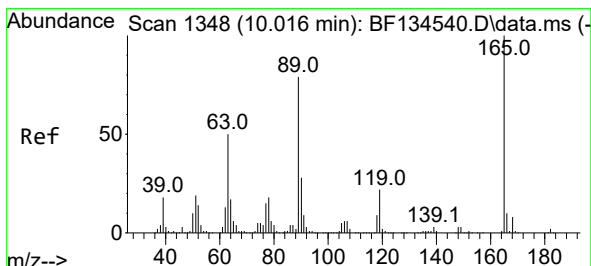
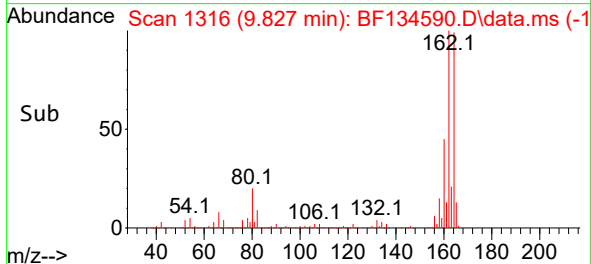
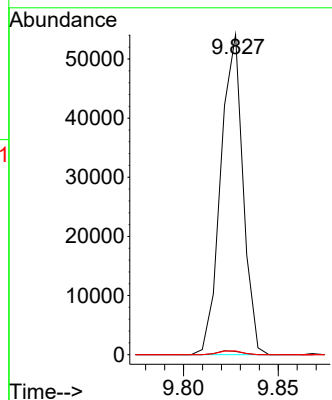
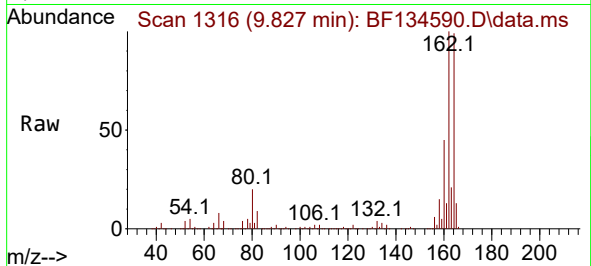




#51
2,6-Dinitrotoluene
Concen: 11.533 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

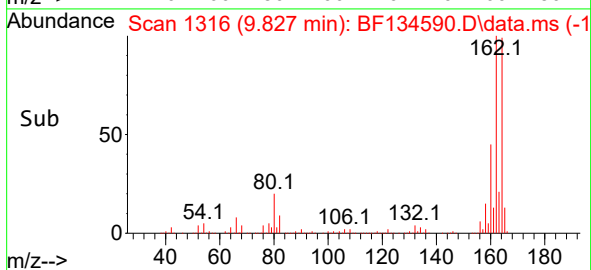
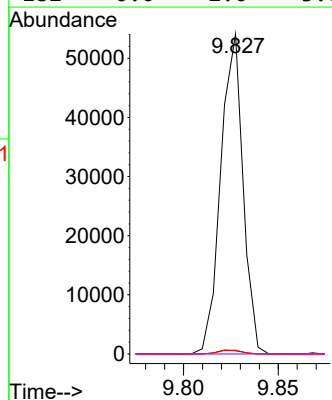
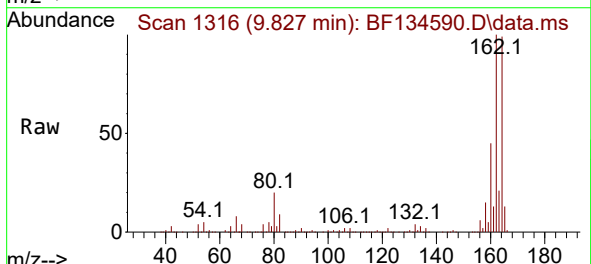
Instrument :
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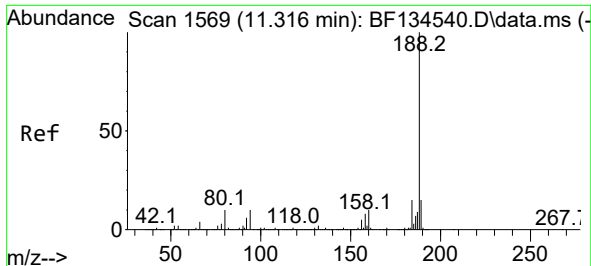
Tgt Ion:165 Resp: 44234
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.275 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.189 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion:165 Resp: 44234
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

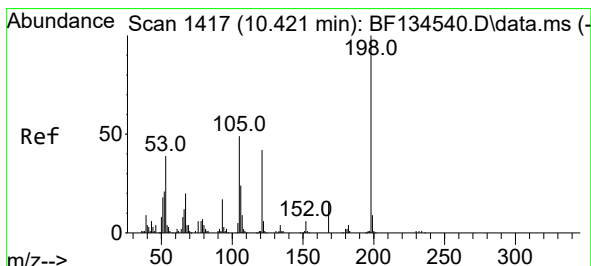
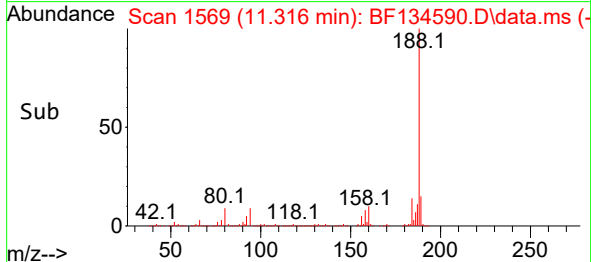
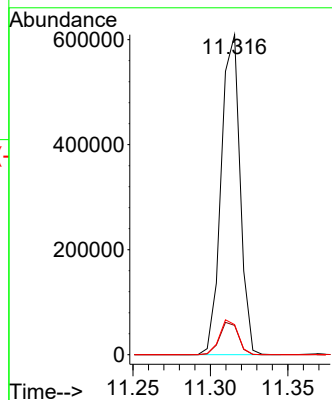
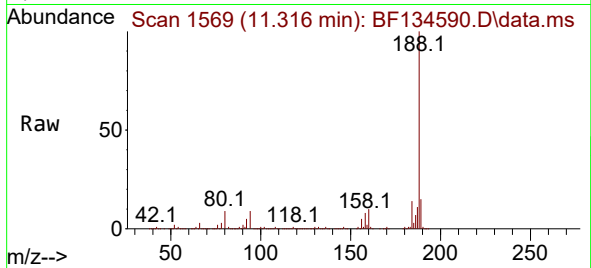




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

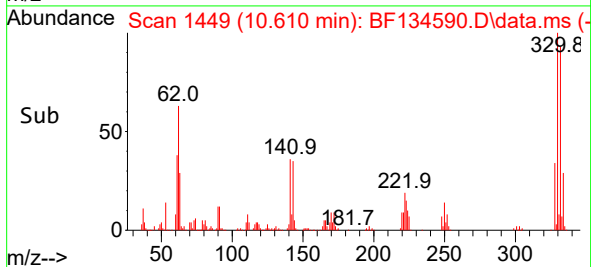
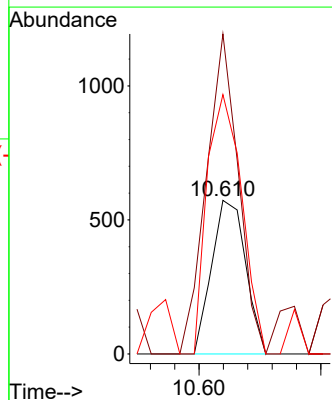
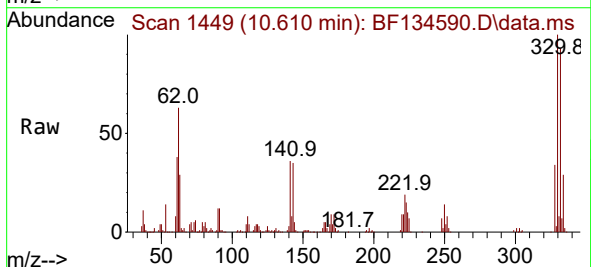
Instrument :
BNA_F
ClientSampleId :
RB-56-(2-5)

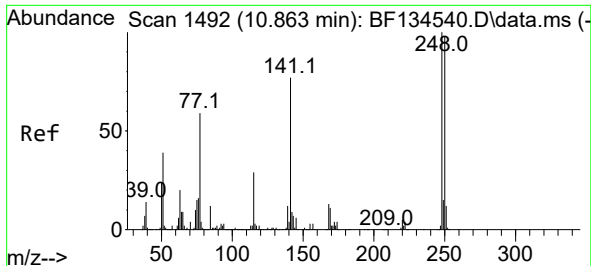
Tgt Ion:188 Resp: 517735
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.4 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.916 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.189 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

Tgt Ion:198 Resp: 555
Ion Ratio Lower Upper
198 100
51 208.4 38.6 78.6#
105 168.9 27.9 67.9#

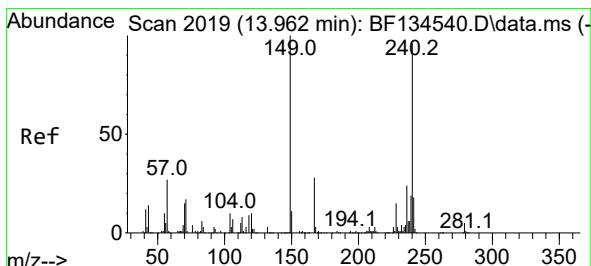
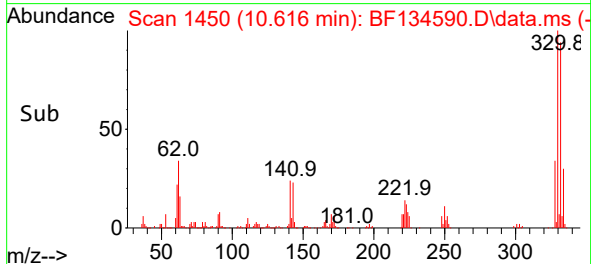
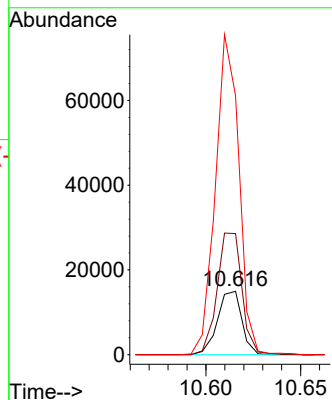
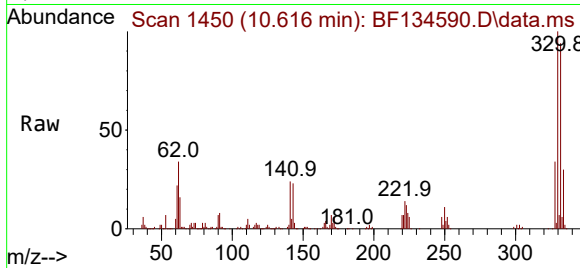




#67
4-Bromophenyl-phenylether
Concen: 2.363 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

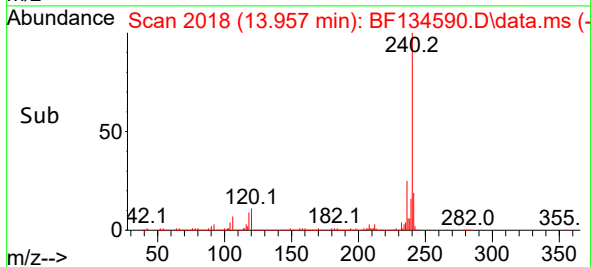
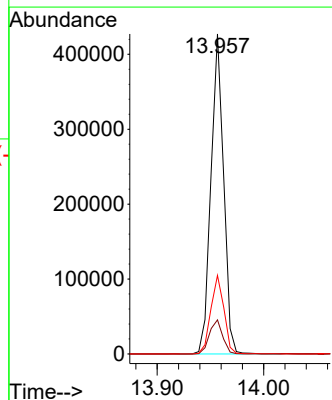
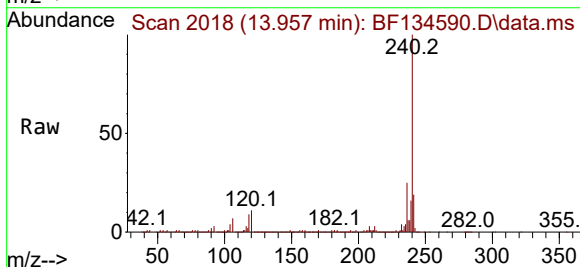
Instrument :
BNA_F
ClientSampleId :
RB-56-(2-5)

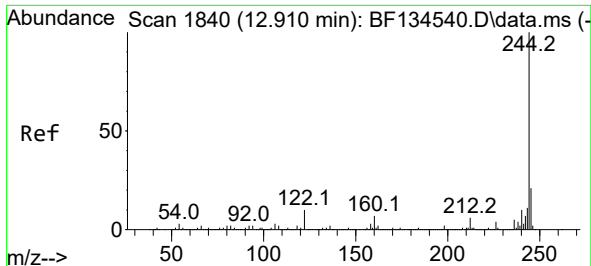
Tgt Ion:248 Resp: 13395
Ion Ratio Lower Upper
248 100
250 191.0 79.6 119.4#
141 408.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

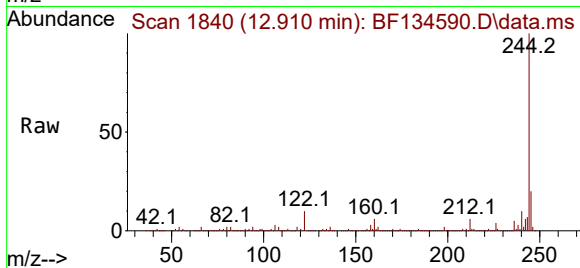
Tgt Ion:240 Resp: 352750
Ion Ratio Lower Upper
240 100
120 10.7 6.6 10.0#
236 24.6 20.2 30.2





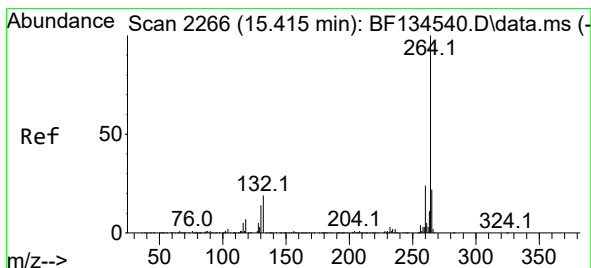
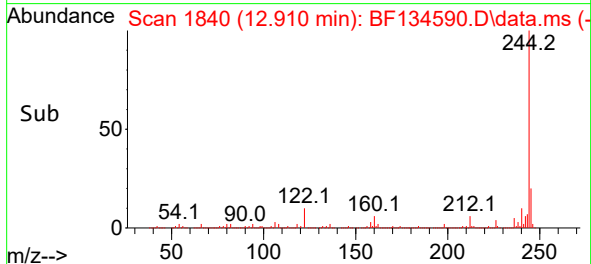
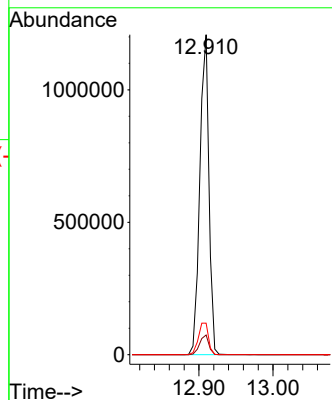
#79
 Terphenyl-d14
 Concen: 51.424 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)



Tgt Ion:244 Resp: 1028989

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	9.9	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: BF134590.D
 Acq: 02 Aug 2023 20:42

Tgt Ion:264 Resp: 281381

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	20.8	15.8	23.8

