

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135074.D
 Acq On : 01 Sep 2023 14:01
 Operator : CG\JU
 Sample : 04203-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

Quant Time: Sep 01 14:24:26 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)

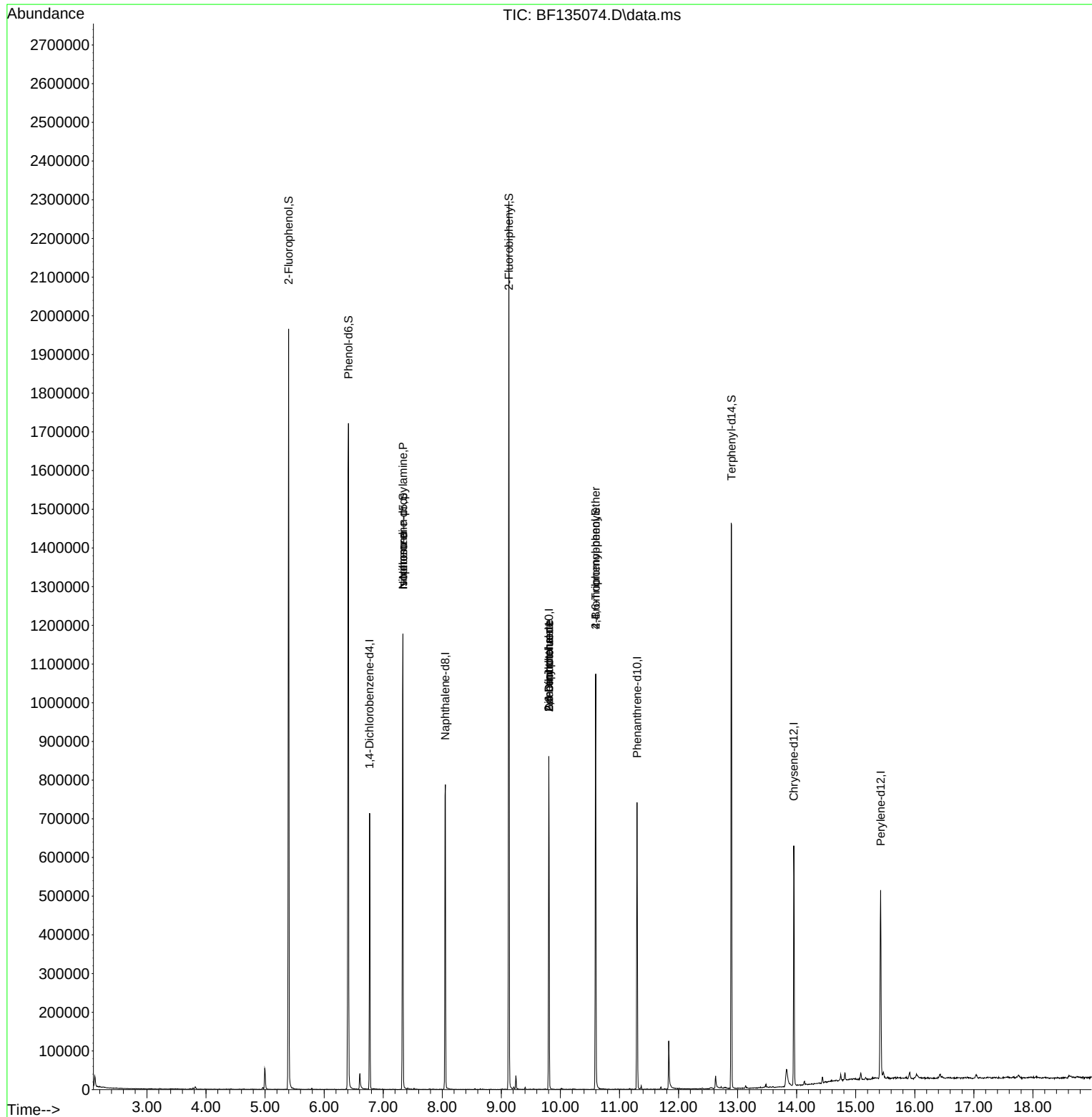
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	92389	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	356437	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	161180	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	253626	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	204283	20.000	ng	-0.01
86) Perylene-d12	15.421	264	217969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	482155	80.610	ng	0.00
7) Phenol-d6	6.410	99	582875	78.182	ng	0.00
23) Nitrobenzene-d5	7.334	82	354487	55.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	124437	72.779	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	619865	62.614	ng	-0.01
79) Terphenyl-d14	12.898	244	530496	42.378	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	46990	10.611	ng	# 76
25) Isophorone	7.334	82	354483	29.469	ng	# 65
50) Dimethylphthalate	9.804	163	30704	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	20301	8.198	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	20301	6.578	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	7987	2.969	ng	# 1

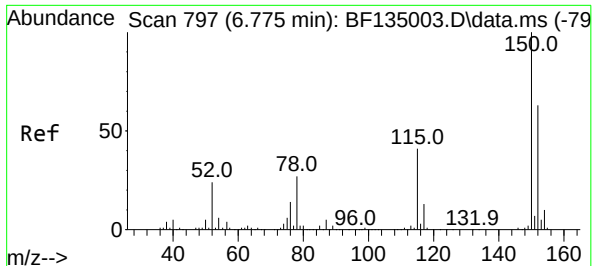
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4(12-12.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

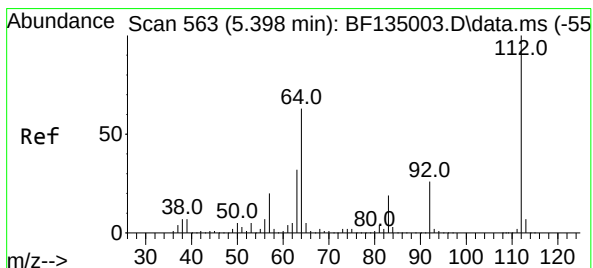
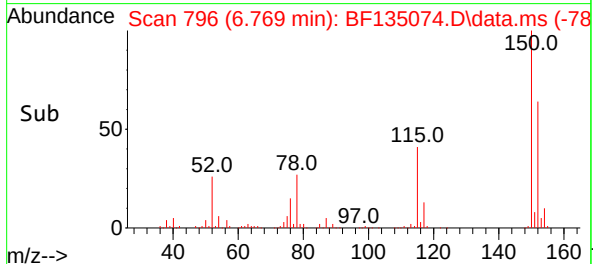
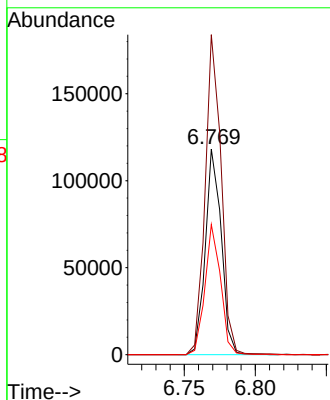
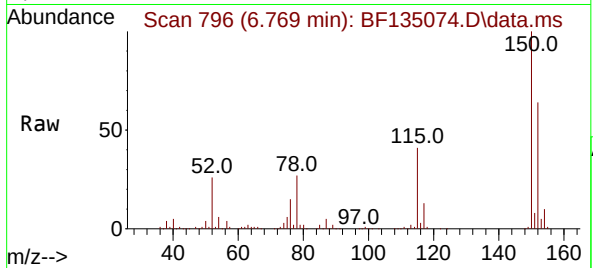




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

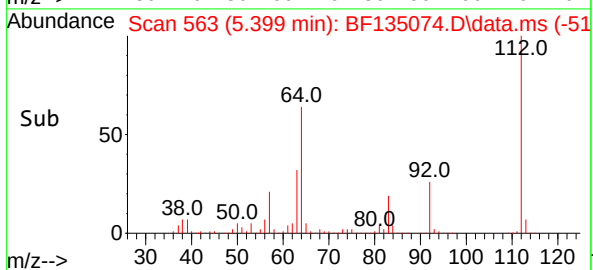
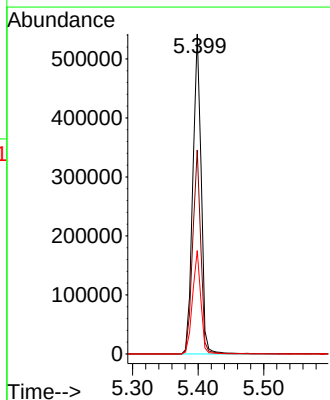
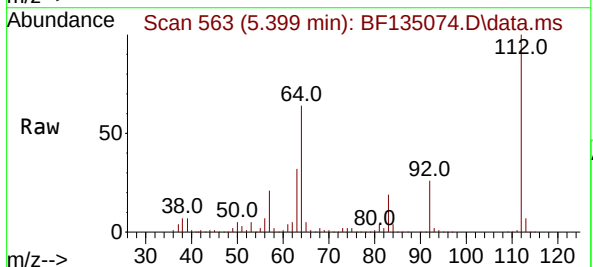
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

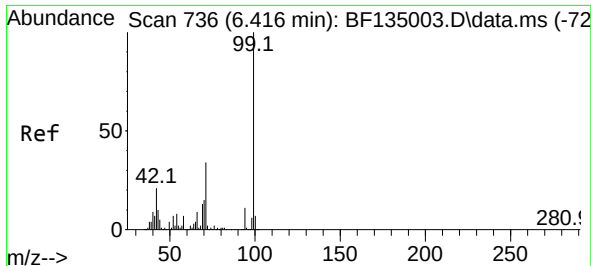
Tgt Ion:152 Resp: 92389
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 63.3 51.2 76.8



#5
2-Fluorophenol
Concen: 80.610 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:112 Resp: 482155
Ion Ratio Lower Upper
112 100
64 63.8 50.5 75.7
63 32.3 25.9 38.9

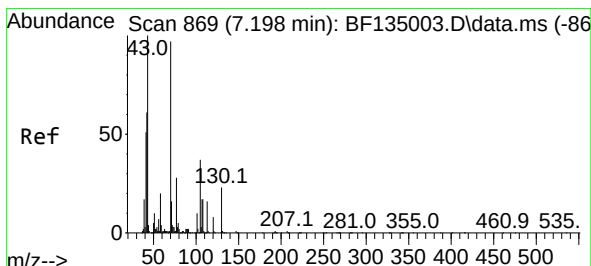
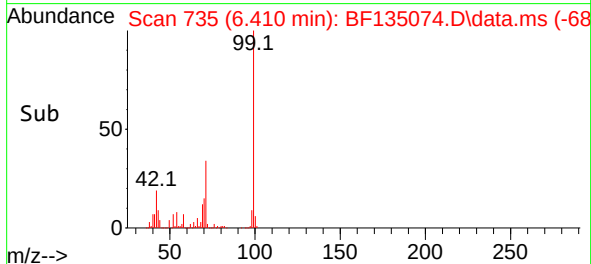
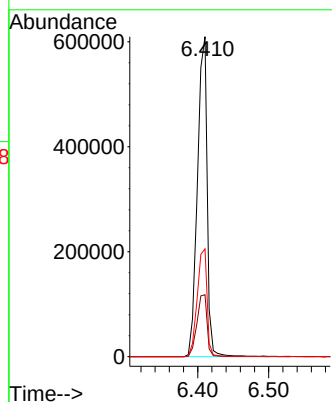
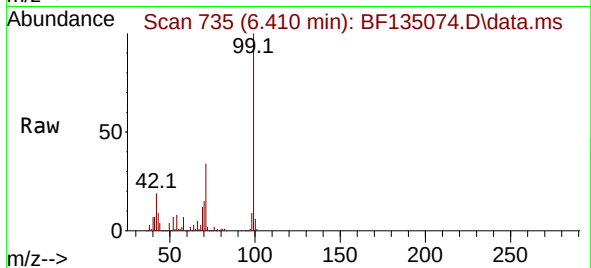




#7
Phenol-d6
Concen: 78.182 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

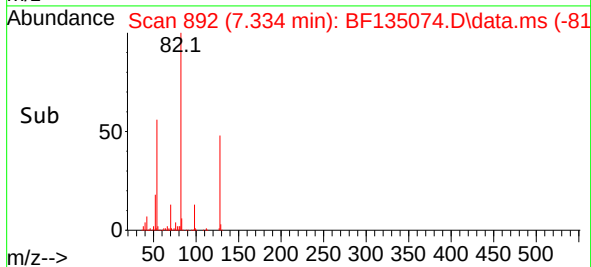
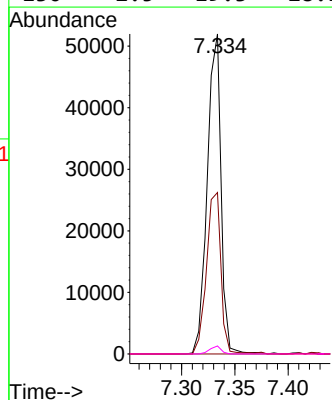
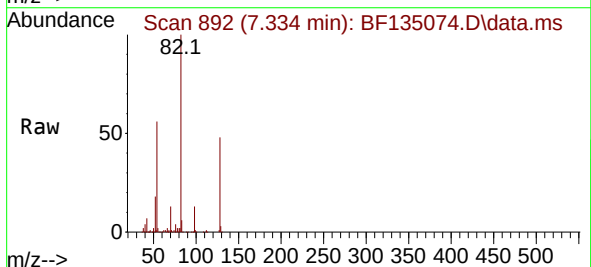
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

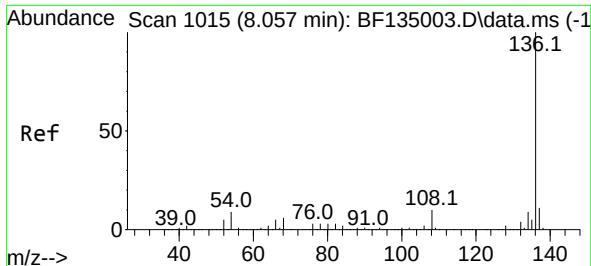
Tgt Ion: 99 Resp: 582875
Ion Ratio Lower Upper
99 100
42 19.3 16.6 25.0
71 33.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.611 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion: 70 Resp: 46990
Ion Ratio Lower Upper
70 100
42 50.4 50.2 75.4
101 0.0 8.1 12.1#
130 2.5 19.3 28.9#

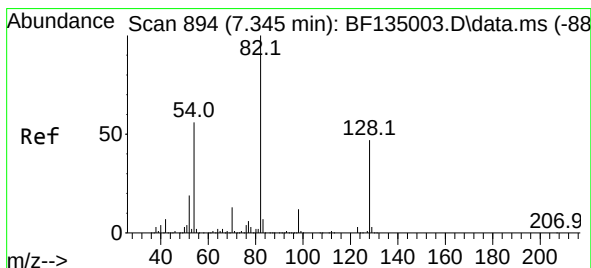
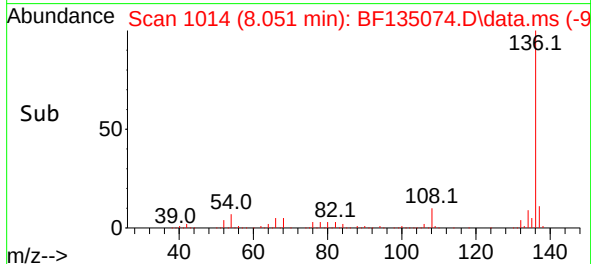
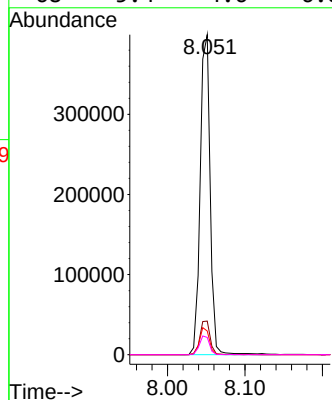
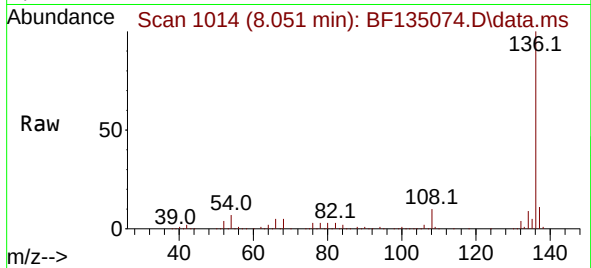




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

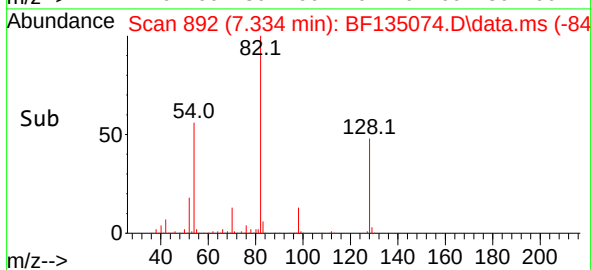
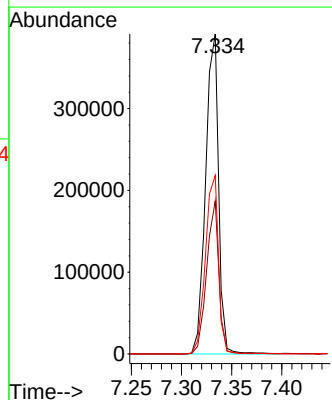
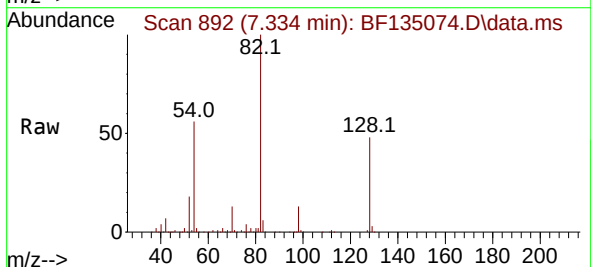
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

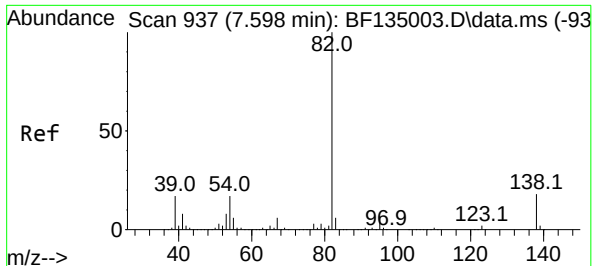
Tgt Ion:136	Resp: 356437
Ion Ratio	Lower Upper
136	100
137	10.5 8.8 13.2
54	7.4 7.0 10.4
68	5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.873 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion: 82	Resp: 354487
Ion Ratio	Lower Upper
82	100
128	47.9 37.8 56.8
54	55.8 45.0 67.6

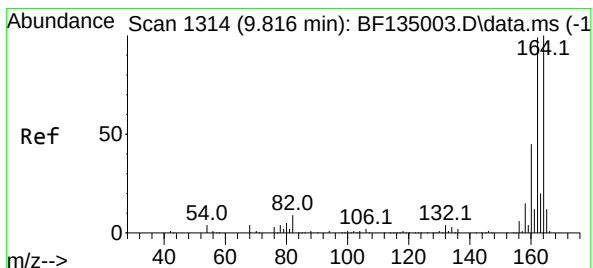
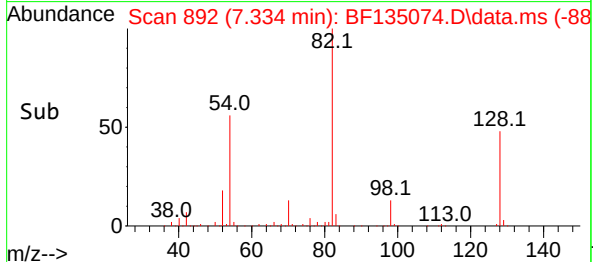
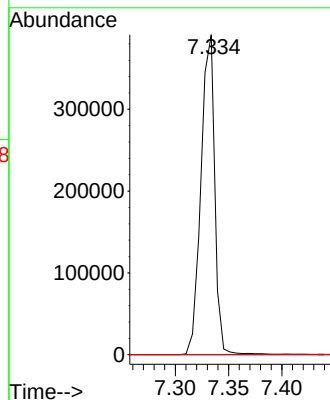
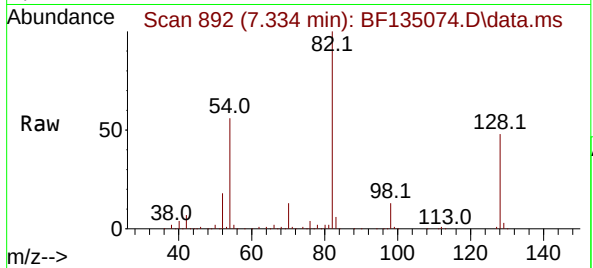




#25
Isophorone
Concen: 29.469 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

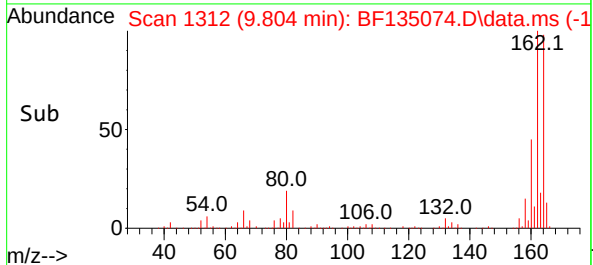
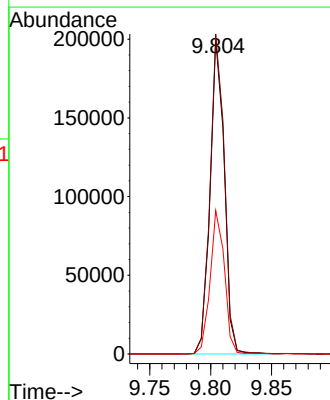
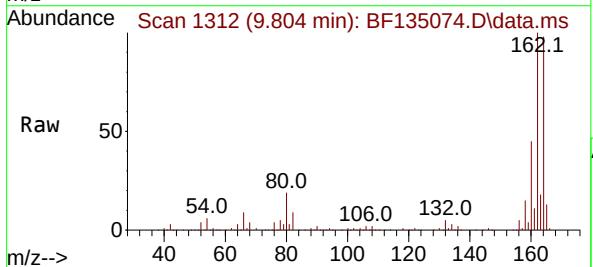
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

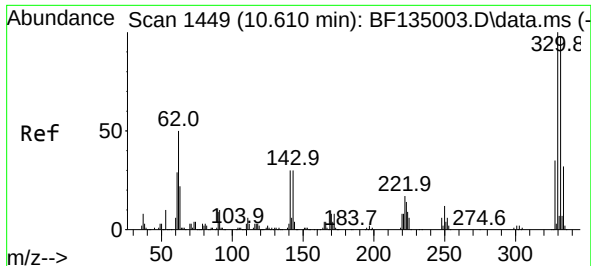
Tgt Ion: 82 Resp: 354483
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion: 164 Resp: 161180
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 72.779 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135074.D

Acq: 01 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

SB-4(12-12.5)

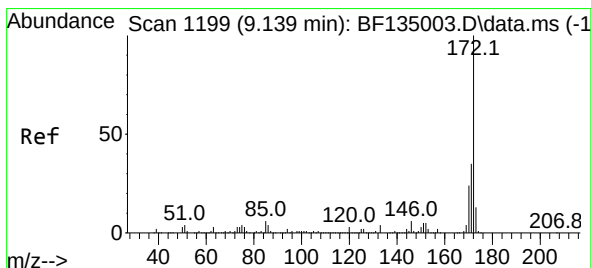
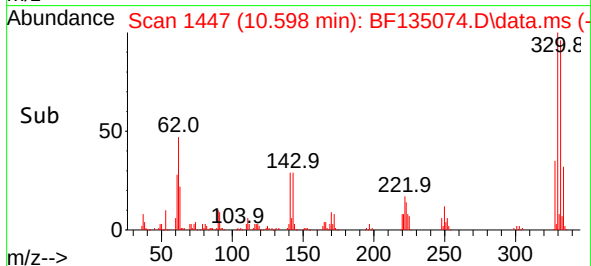
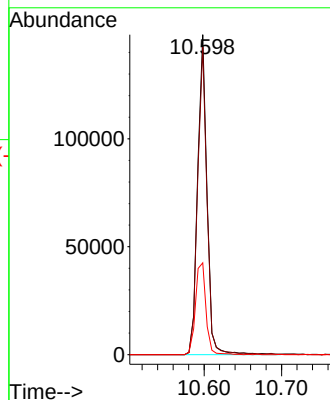
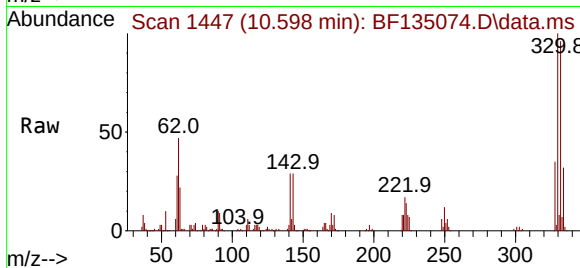
Tgt Ion:330 Resp: 124437

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 32.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 62.614 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135074.D

Acq: 01 Sep 2023 14:01

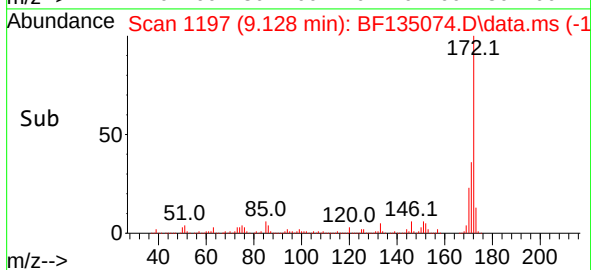
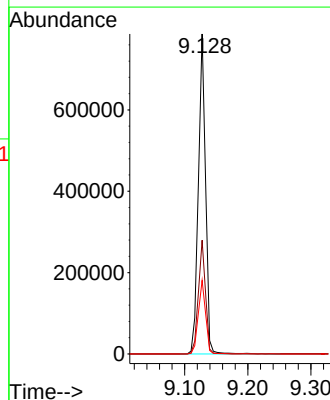
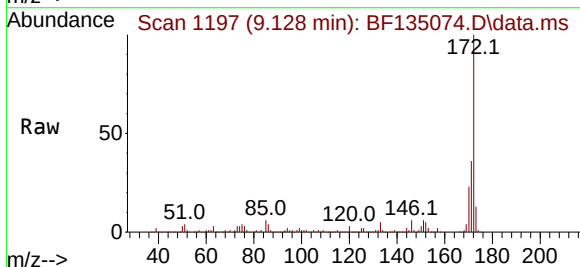
Tgt Ion:172 Resp: 619865

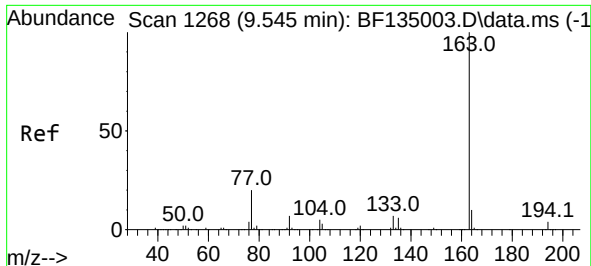
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.0 19.0 28.4

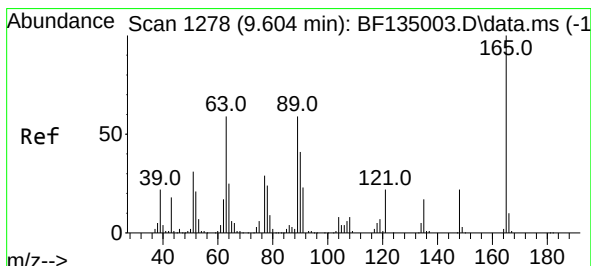
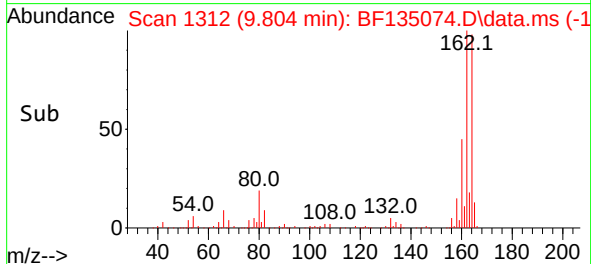
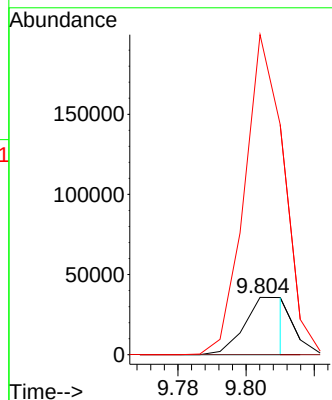
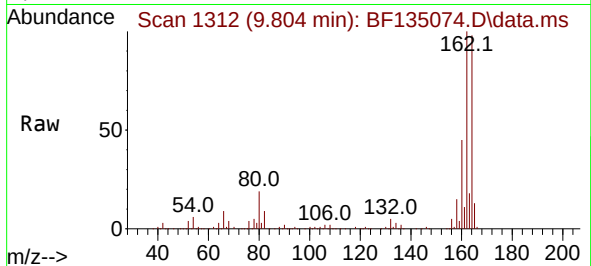




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.259 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

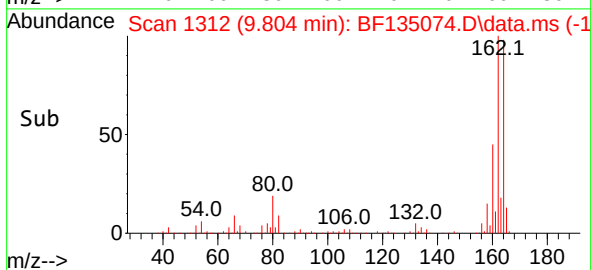
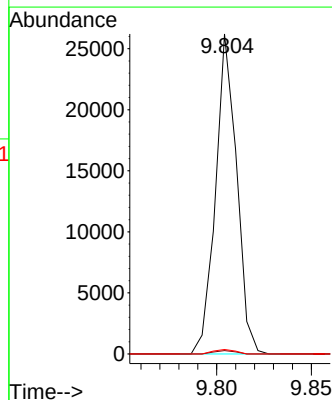
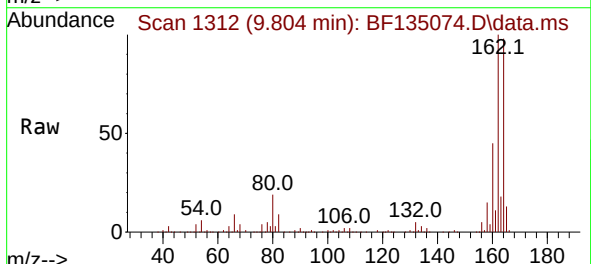
Instrument :
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SB-4(12-12.5)

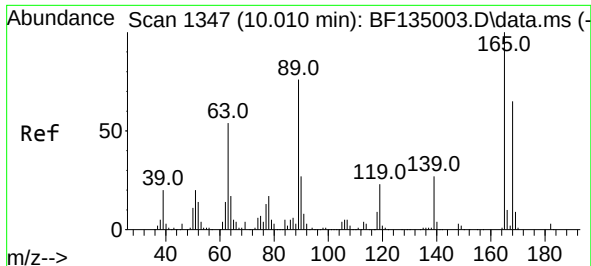
Tgt Ion:163 Resp: 30704
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 558.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:165 Resp: 20301
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 1.4 47.1 70.7#

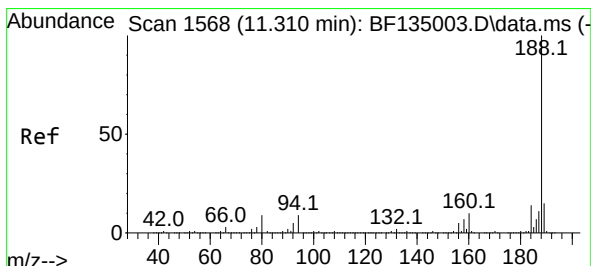
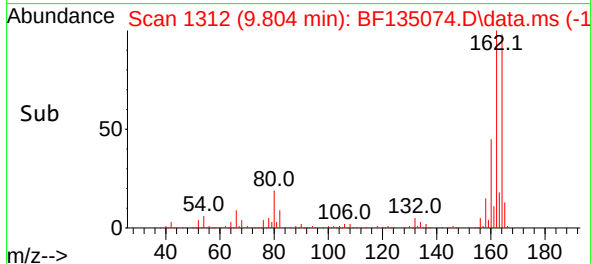
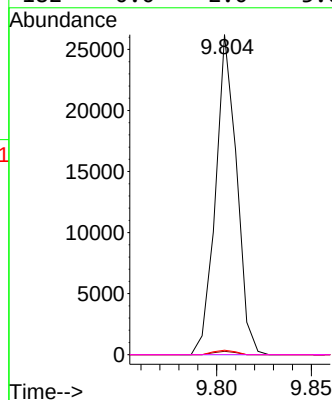
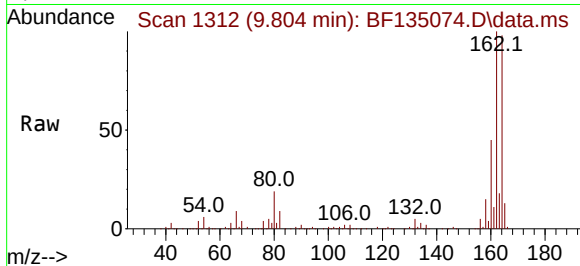




#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

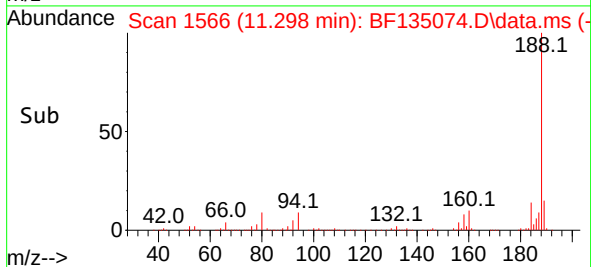
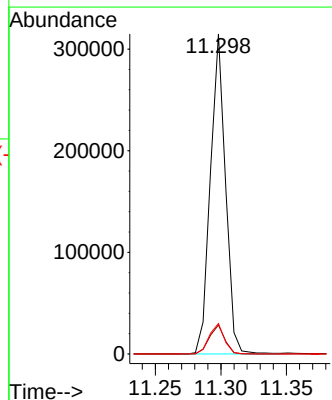
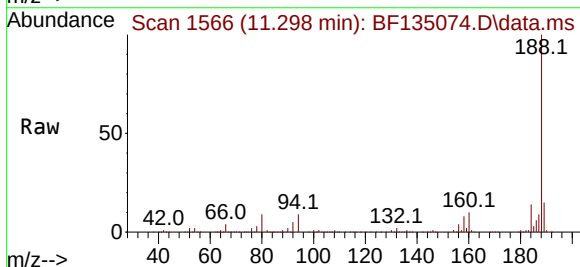
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

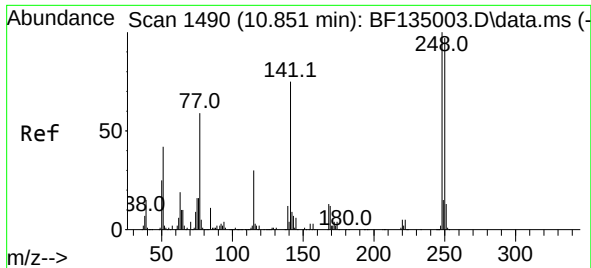
Tgt Ion:165 Resp: 20301
Ion Ratio Lower Upper
165 100
63 1.1 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:188 Resp: 253626
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.5 7.4 11.2

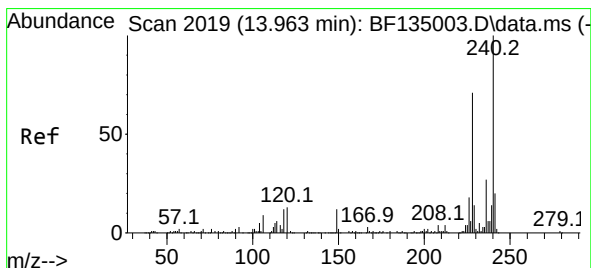
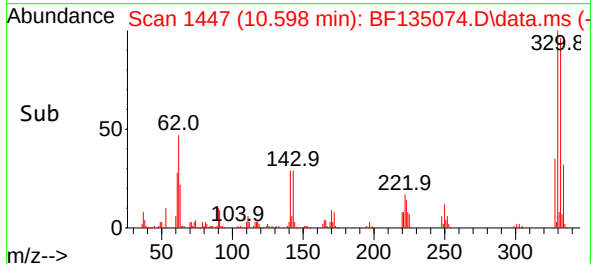
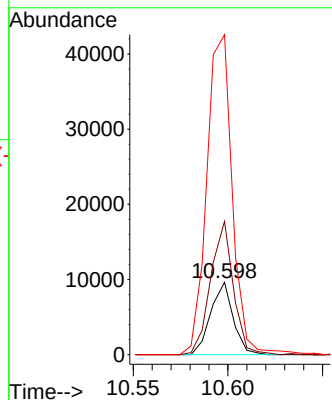
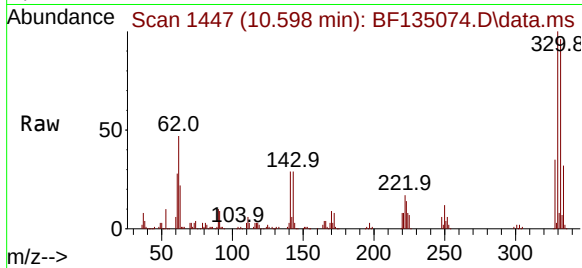




#67
4-Bromophenyl-phenylether
Concen: 2.969 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

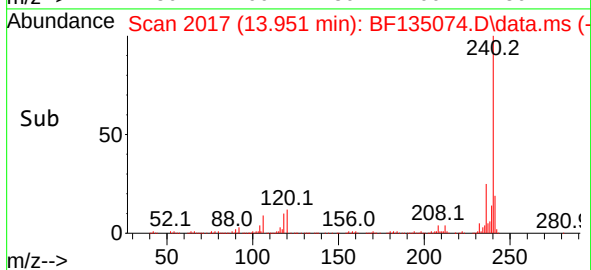
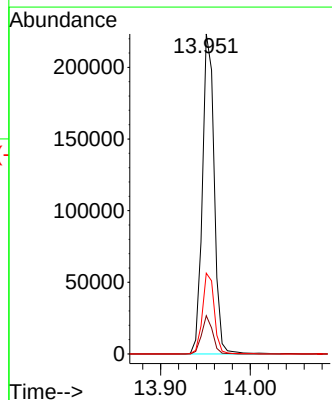
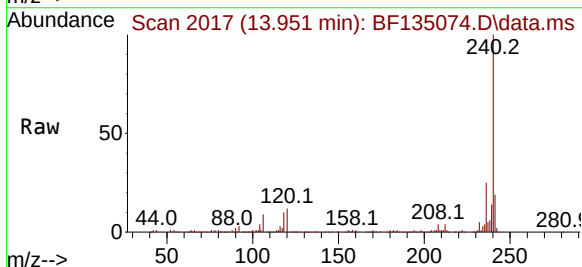
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

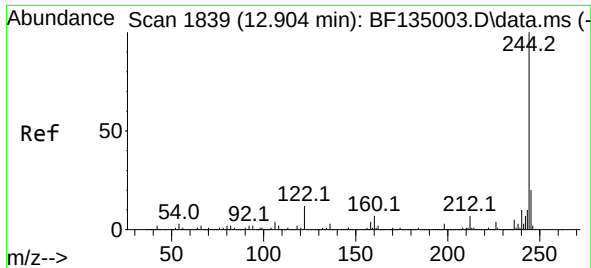
Tgt Ion:248 Resp: 7987
Ion Ratio Lower Upper
248 100
250 184.5 77.9 116.9#
141 442.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:240 Resp: 204283
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 25.2 21.3 31.9

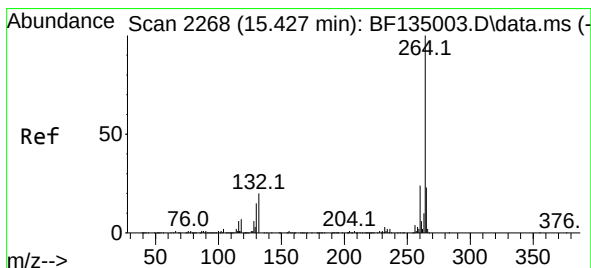
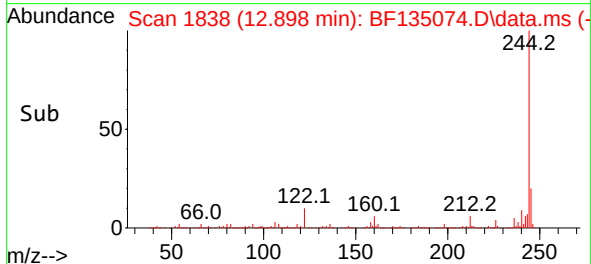
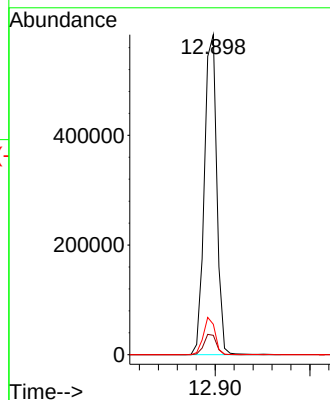
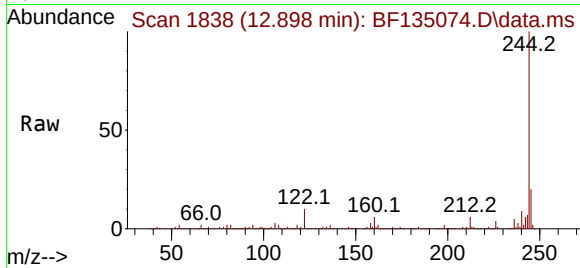




#79
 Terphenyl-d14
 Concen: 42.378 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135074.D
 Acq: 01 Sep 2023 14:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

Tgt Ion:244 Resp: 530496
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 9.5 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135074.D
 Acq: 01 Sep 2023 14:01

Tgt Ion:264 Resp: 217969
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.1 18.2 27.2

