

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135128.D
 Acq On : 07 Sep 2023 11:35
 Operator : CG\JU
 Sample : 04283-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Sep 07 12:05:42 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)

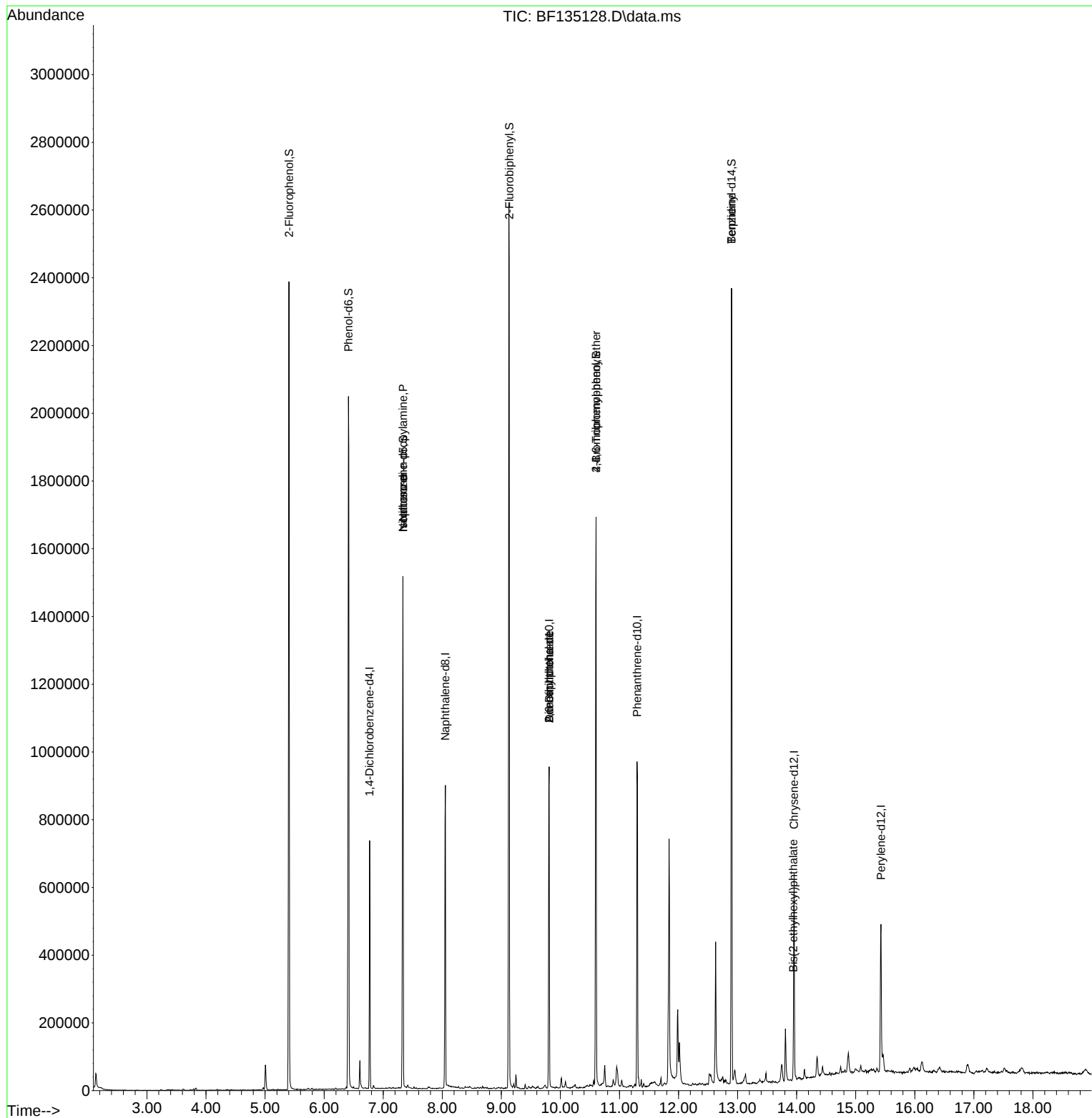
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	95634	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	388858	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	203664	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	357457	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	189519	20.000	ng	0.00
86) Perylene-d12	15.427	264	199247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	603244	97.432	ng	0.00
7) Phenol-d6	6.410	99	741080	96.029	ng	0.00
23) Nitrobenzene-d5	7.334	82	467460	67.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	205944	95.325	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	857438	68.544	ng	0.00
79) Terphenyl-d14	12.898	244	813669	70.063	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	62532	13.641	ng	# 78
25) Isophorone	7.334	82	467455	35.621	ng	# 65
50) Dimethylphthalate	9.810	163	41603	2.917	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	26333	8.415	ng	# 22
67) 4-Bromophenyl-phenylether	10.604	248	13742	3.625	ng	# 1
77) Benzidine	12.898	184	10147	2.970	ng	# 90
84) Bis(2-ethylhexyl)phtha...	13.945	149	12428	1.847	ng	94

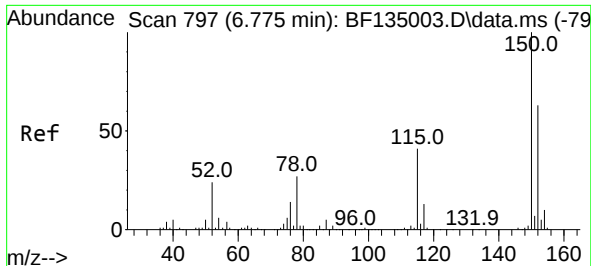
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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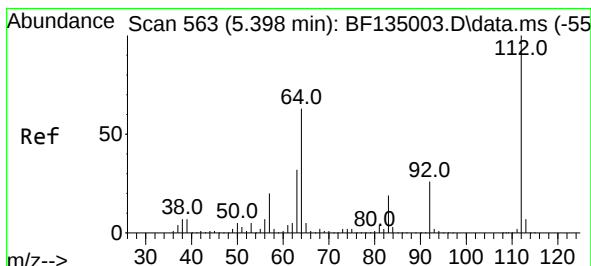
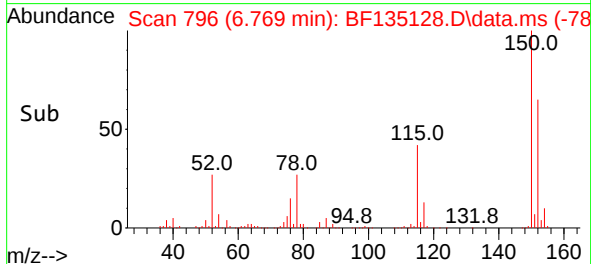
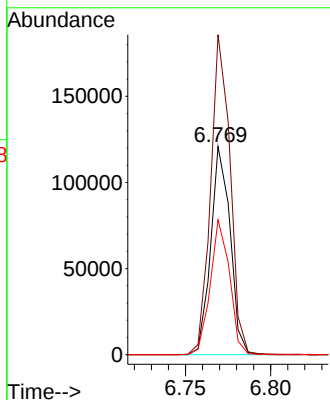
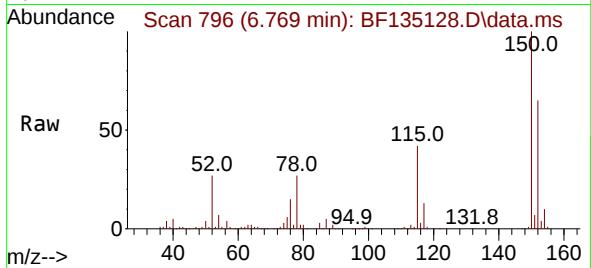




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

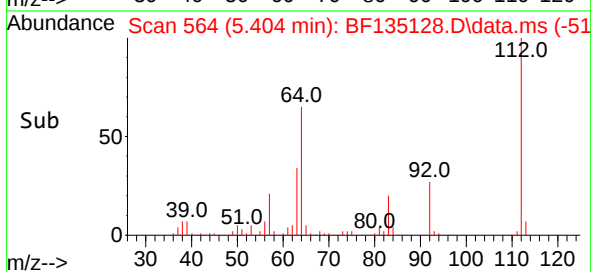
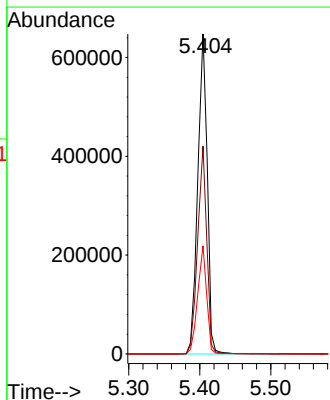
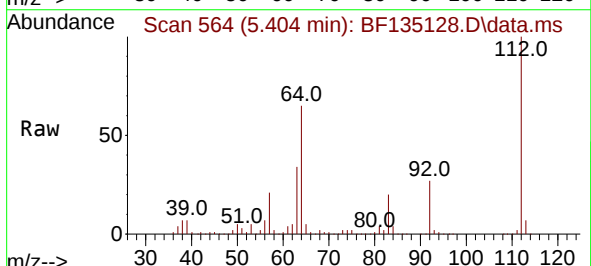
Instrument :
BNA_F
ClientSampleId :
SB-1

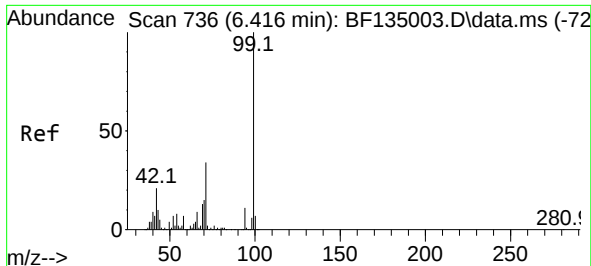
Tgt Ion:152 Resp: 95634
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 64.8 51.2 76.8



#5
2-Fluorophenol
Concen: 97.432 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

Tgt Ion:112 Resp: 603244
Ion Ratio Lower Upper
112 100
64 65.0 50.5 75.7
63 33.8 25.9 38.9

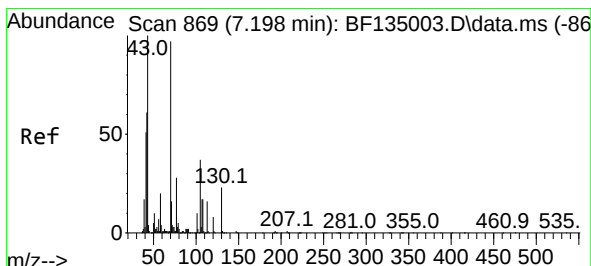
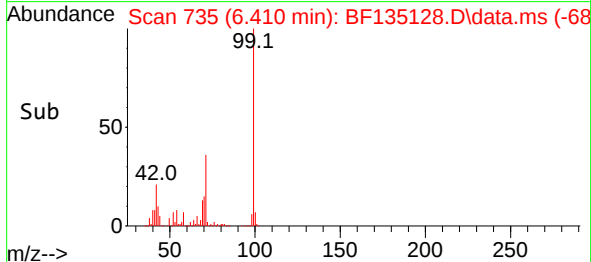
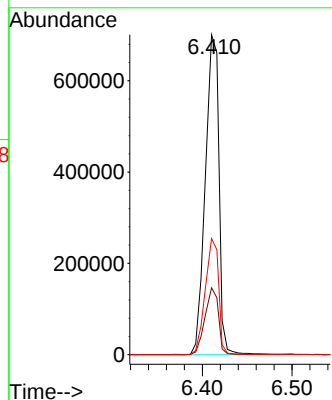
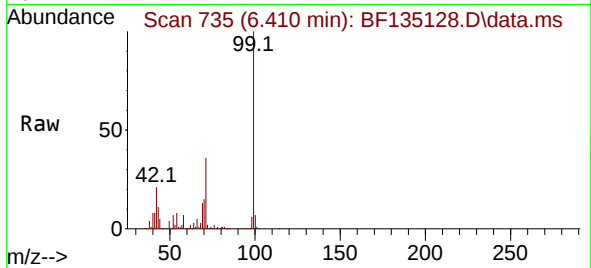




#7
Phenol-d6
Concen: 96.029 ng
RT: 6.410 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

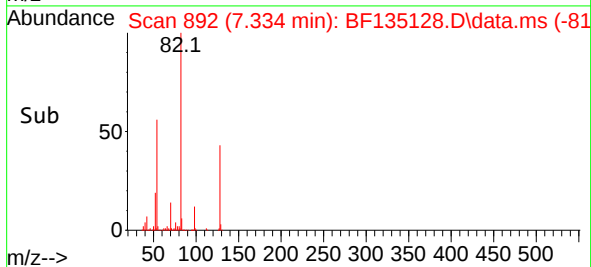
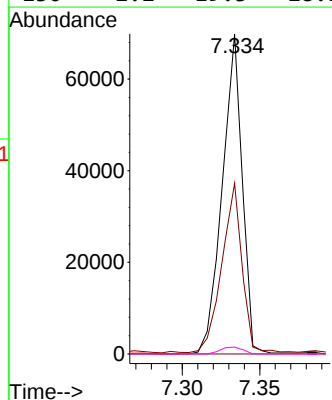
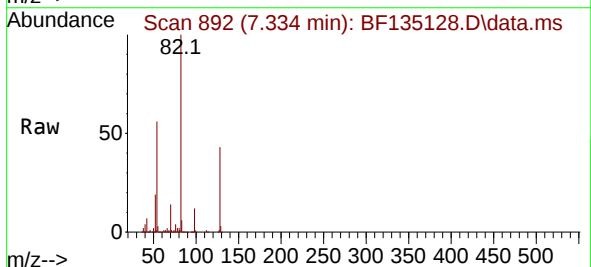
Instrument :
BNA_F
ClientSampleId :
SB-1

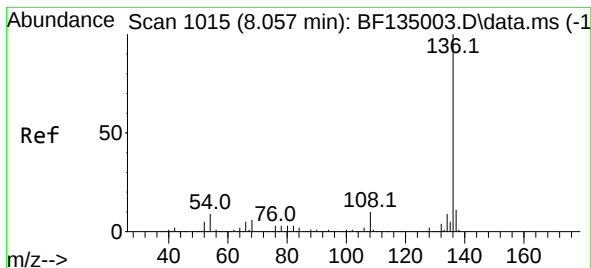
Tgt Ion: 99 Resp: 741080
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 36.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.641 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

Tgt Ion: 70 Resp: 62532
Ion Ratio Lower Upper
70 100
42 53.4 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion:136 Resp: 388858

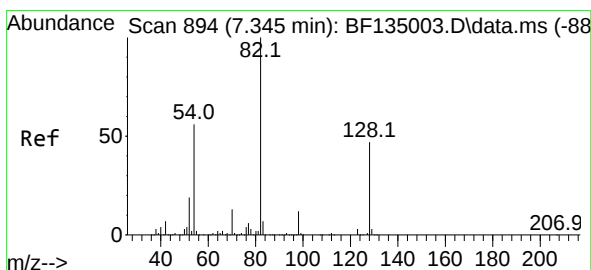
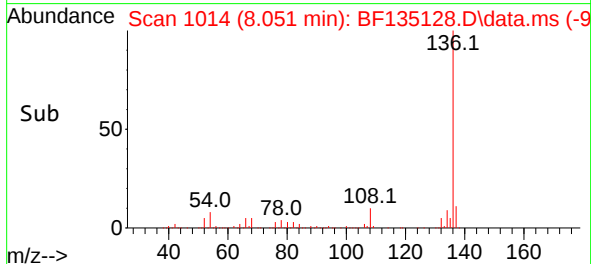
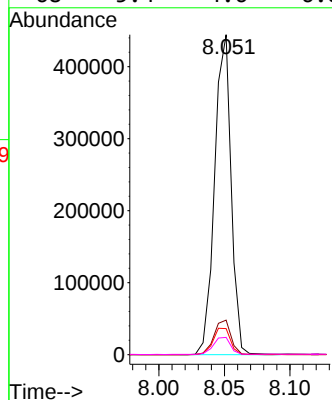
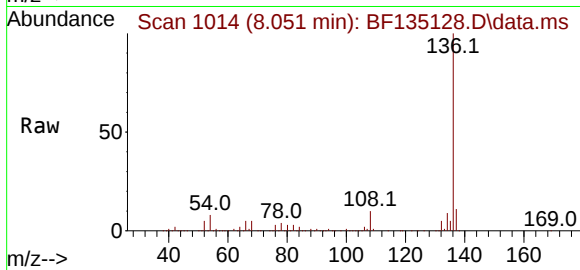
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 7.0 10.4

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 67.537 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

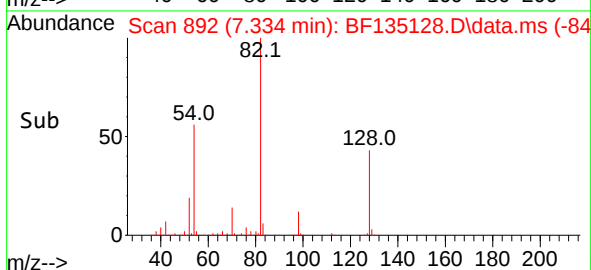
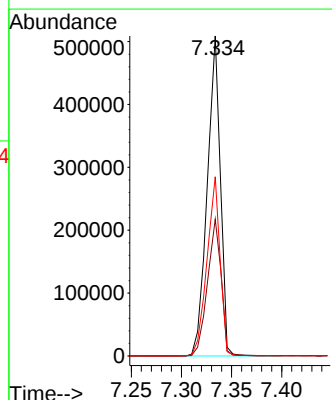
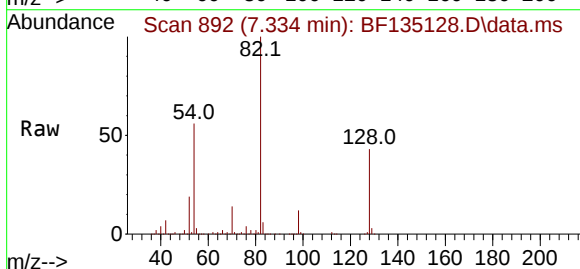
Tgt Ion: 82 Resp: 467460

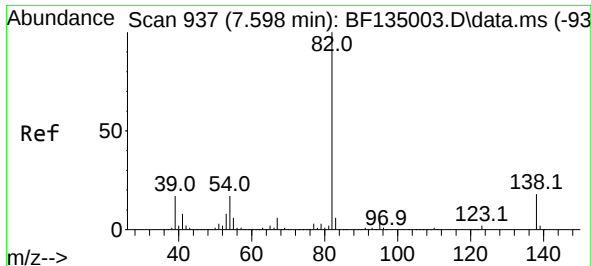
Ion Ratio Lower Upper

82 100

128 42.8 37.8 56.8

54 56.0 45.0 67.6

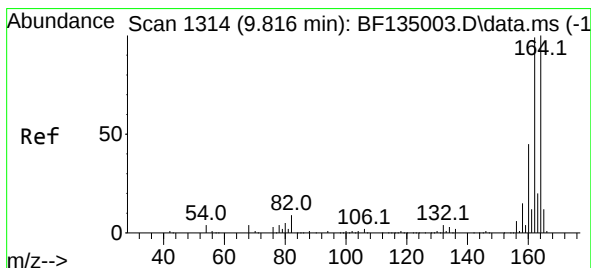
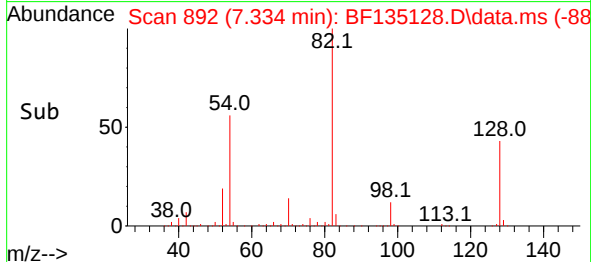
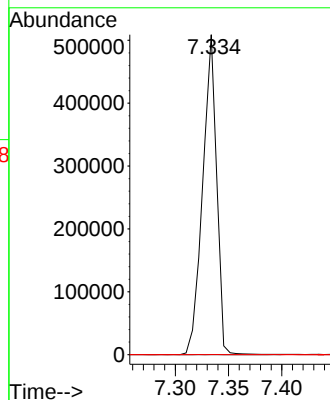
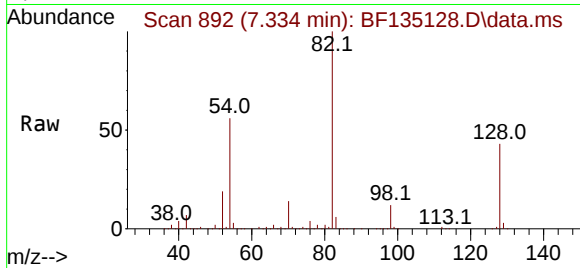




#25
Isophorone
Concen: 35.621 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

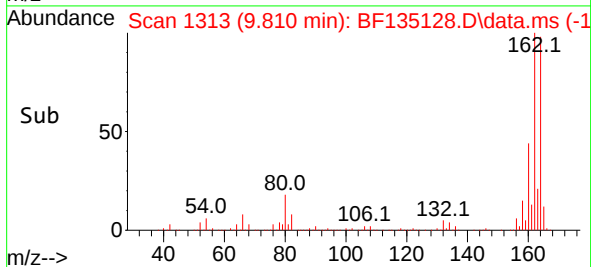
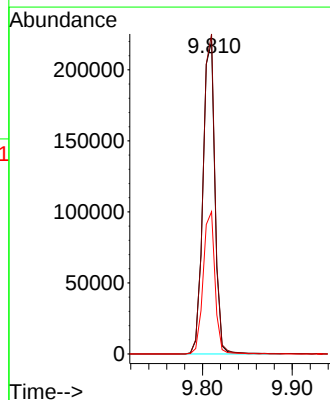
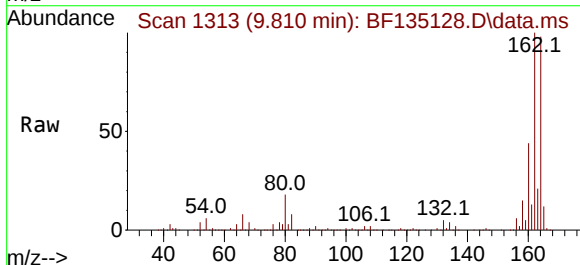
Instrument :
BNA_F
ClientSampleId :
SB-1

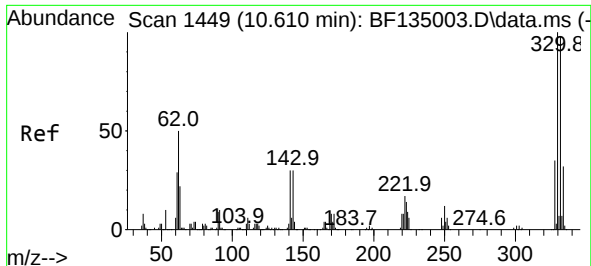
Tgt Ion: 82 Resp: 467455
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

Tgt Ion: 164 Resp: 203664
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 95.325 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-1

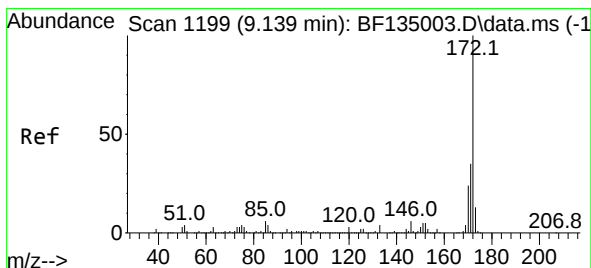
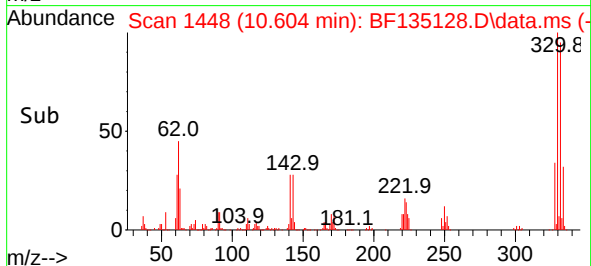
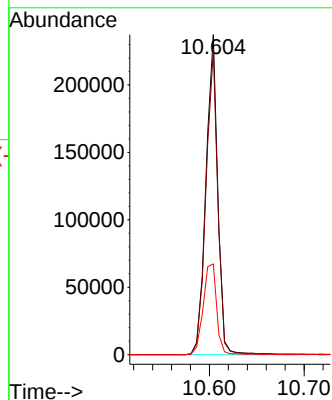
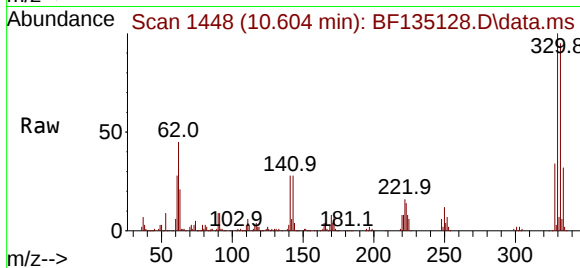
Tgt Ion:330 Resp: 205944

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 68.544 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

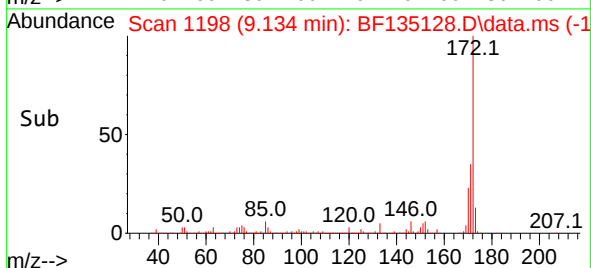
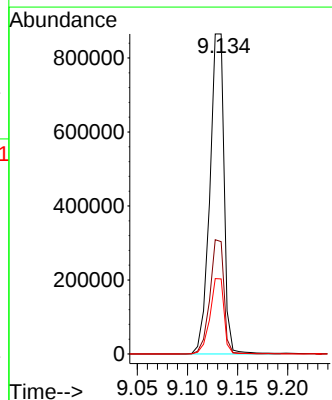
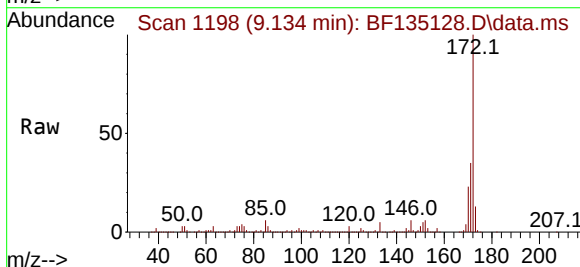
Tgt Ion:172 Resp: 857438

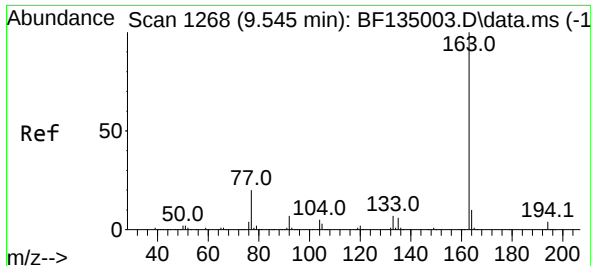
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 19.0 28.4

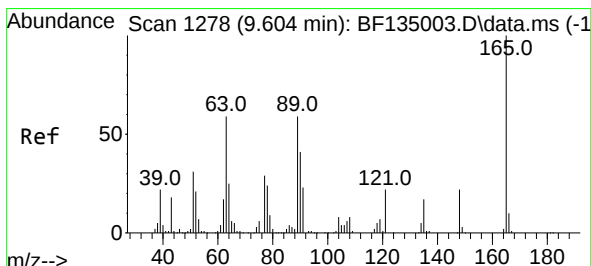
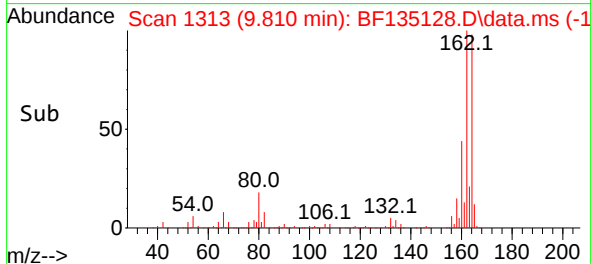
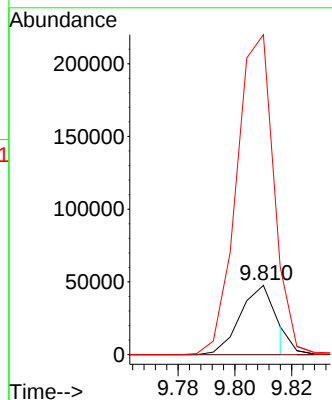
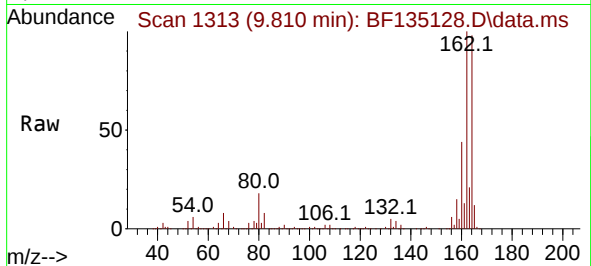




#50
Dimethylphthalate
Concen: 2.917 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

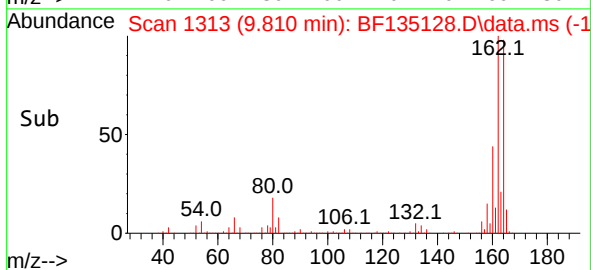
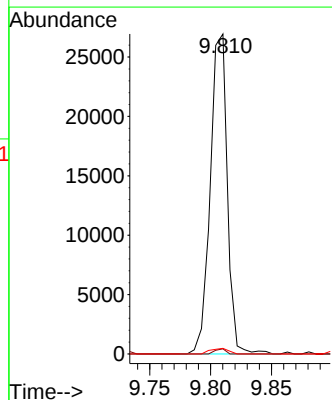
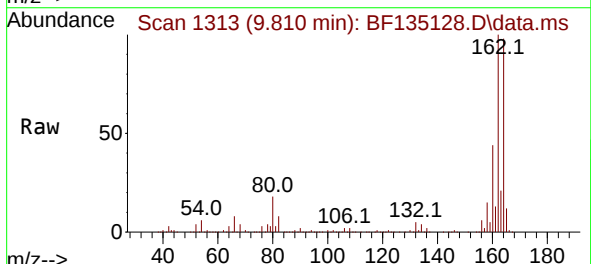
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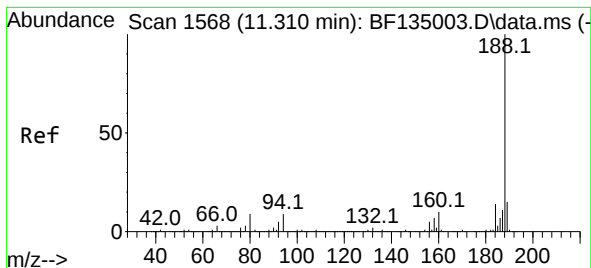
Tgt Ion:163 Resp: 41603
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 461.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135128.D
Acq: 07 Sep 2023 11:35

Tgt Ion:165 Resp: 26333
Ion Ratio Lower Upper
165 100
63 1.6 50.4 75.6#
89 1.7 47.1 70.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-1

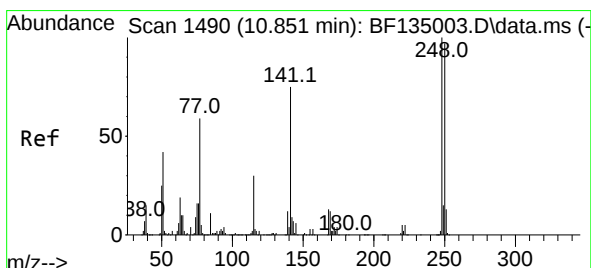
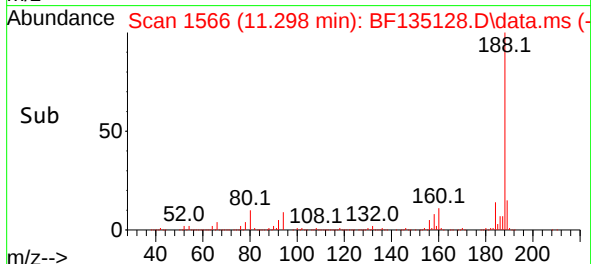
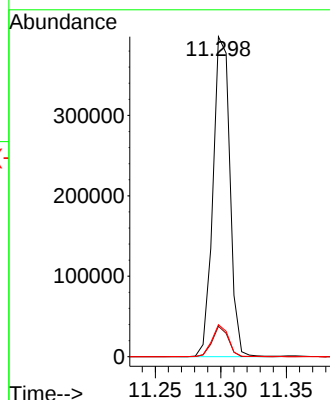
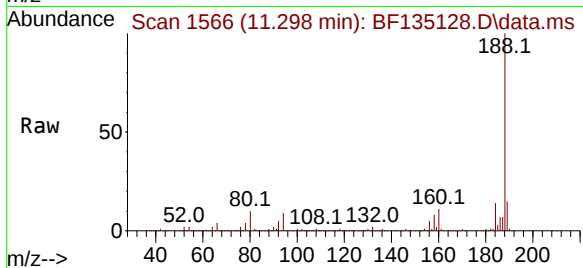
Tgt Ion:188 Resp: 357457

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.0 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 3.625 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

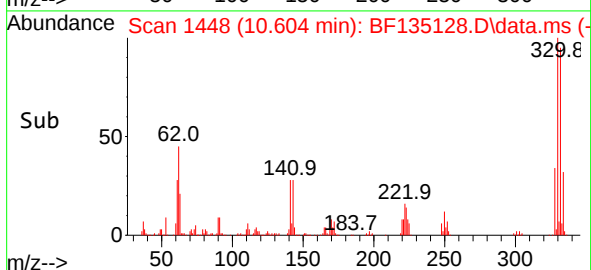
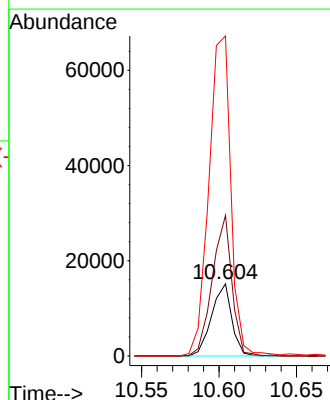
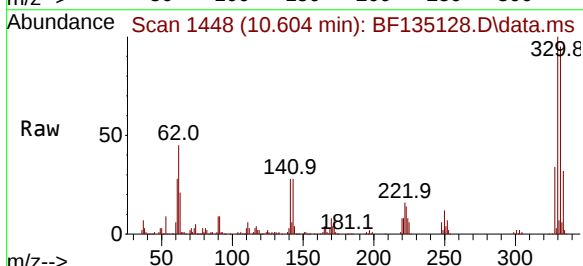
Tgt Ion:248 Resp: 13742

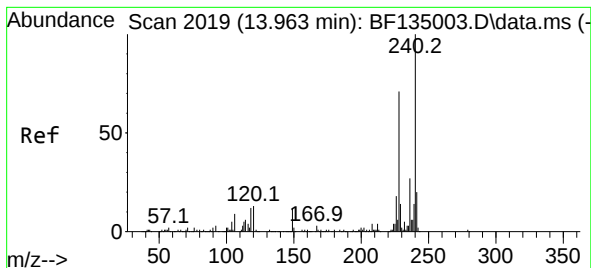
Ion Ratio Lower Upper

248 100

250 194.7 77.9 116.9#

141 443.0 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-1

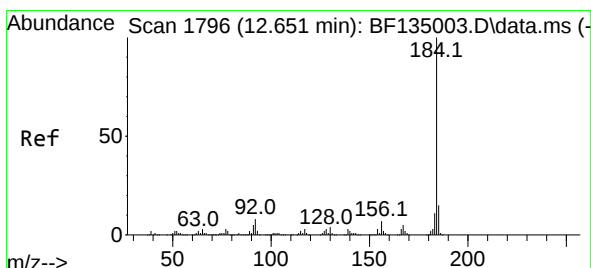
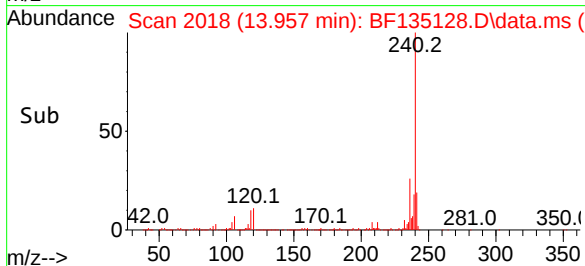
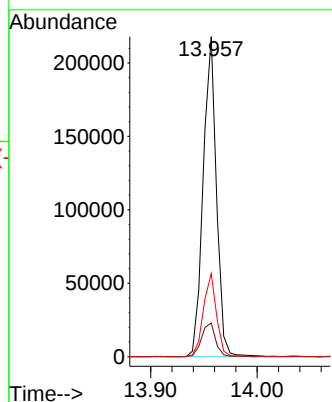
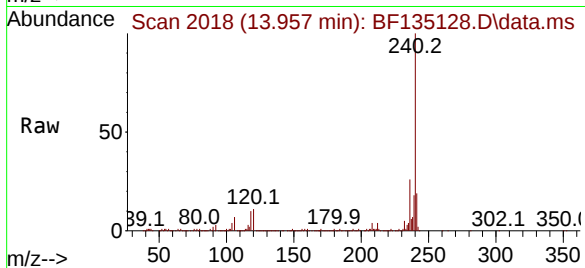
Tgt Ion:240 Resp: 189519

Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.2

236 25.9 21.3 31.9



#77

Benzidine

Concen: 2.970 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135128.D

Acq: 07 Sep 2023 11:35

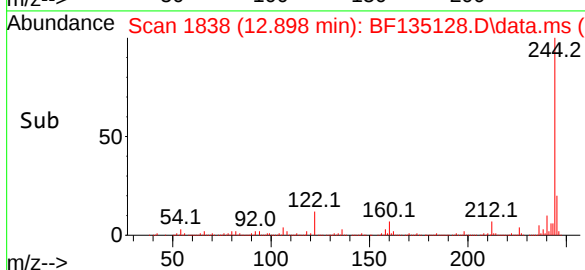
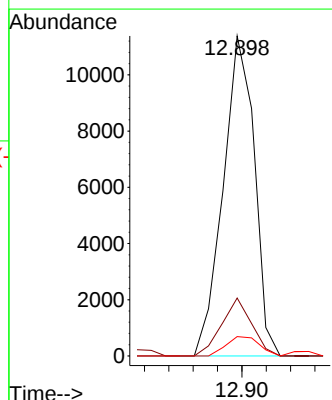
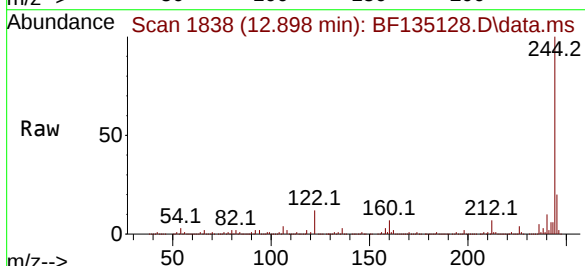
Tgt Ion:184 Resp: 10147

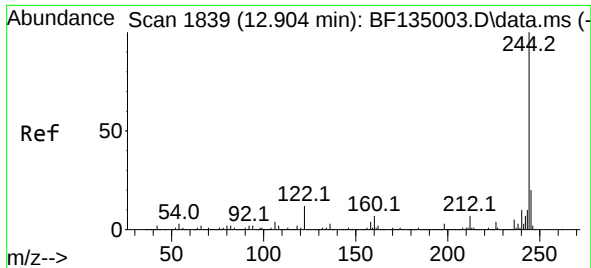
Ion Ratio Lower Upper

184 100

185 18.1 12.0 18.0#

183 6.0 9.0 13.6#

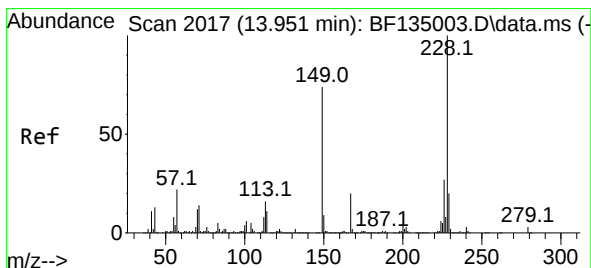
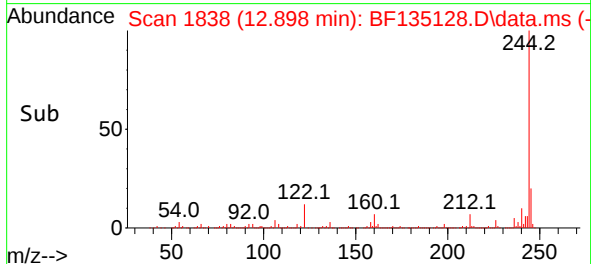
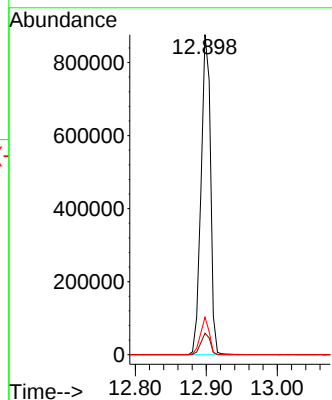
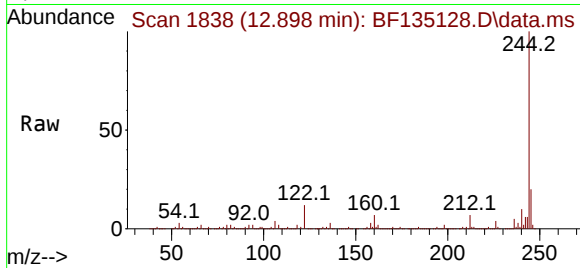




#79
 Terphenyl-d14
 Concen: 70.063 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135128.D
 Acq: 07 Sep 2023 11:35

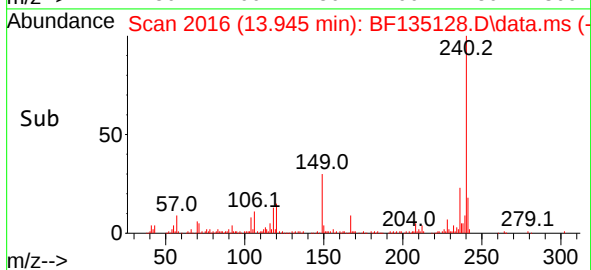
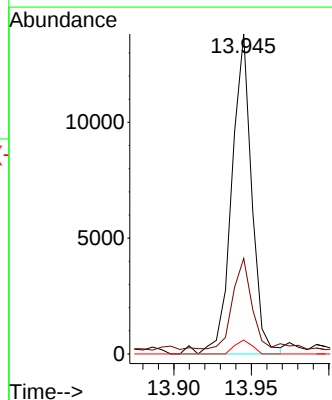
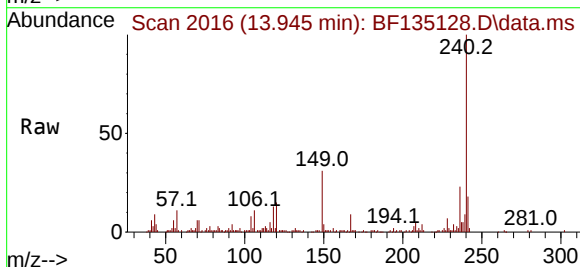
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

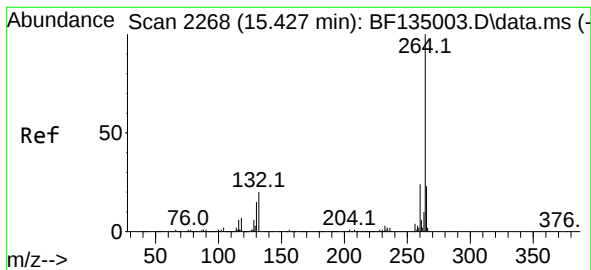
Tgt Ion:244 Resp: 813669
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 9.8 14.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.847 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF135128.D
 Acq: 07 Sep 2023 11:35

Tgt Ion:149 Resp: 12428
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.4 32.0
 279 4.4 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135128.D
 Acq: 07 Sep 2023 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:264 Resp: 199247
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.4 18.2 27.2

