

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131743.D
 Acq On : 21 Dec 2022 13:26
 Operator : CG\JU
 Sample : N6100-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20221215

Quant Time: Dec 22 05:19:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

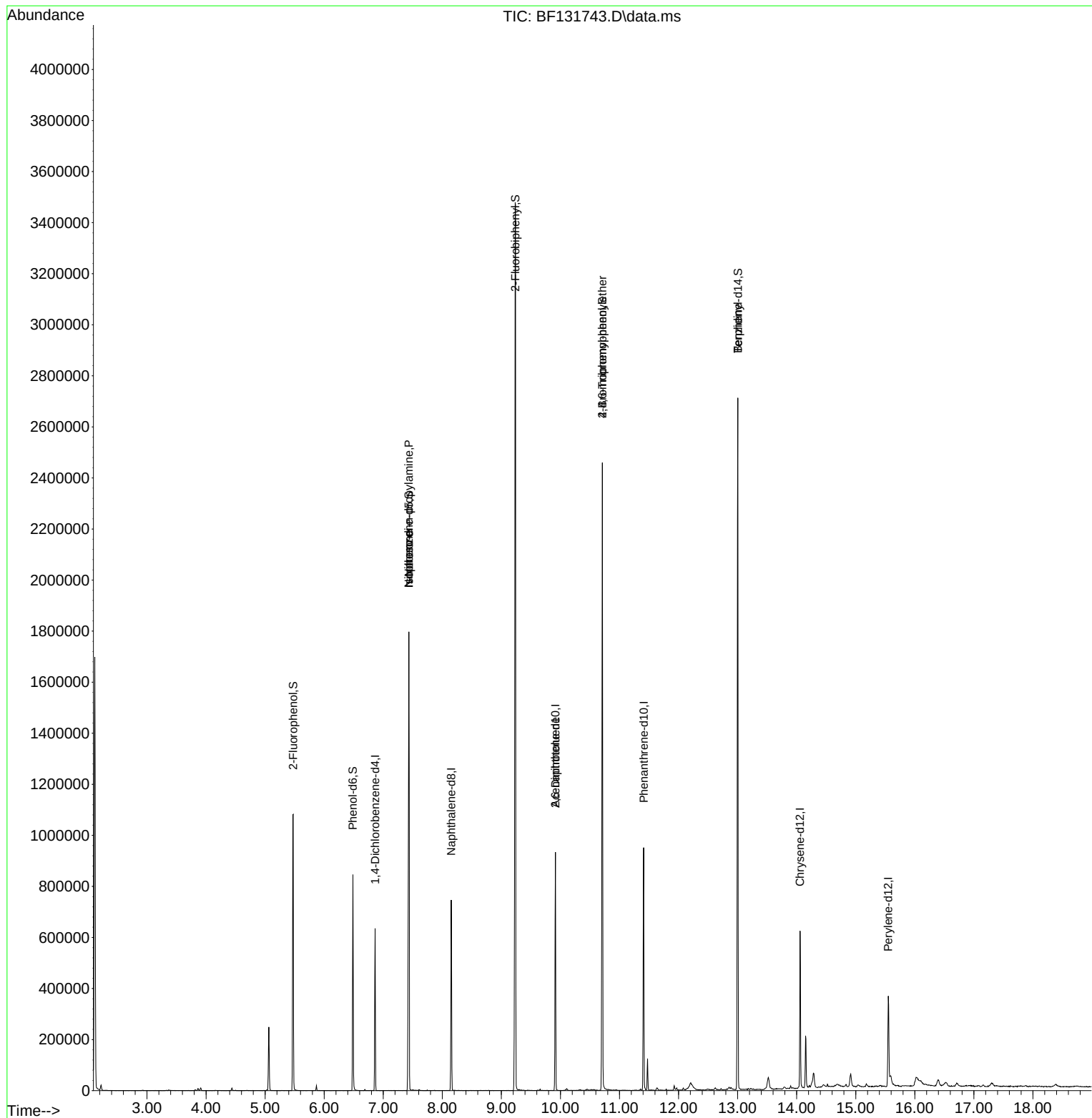
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81671	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	295670	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170674	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	337313	20.000	ng	0.00
76) Chrysene-d12	14.057	240	198656	20.000	ng	0.00
86) Perylene-d12	15.551	264	173094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	276698	57.049	ng	0.00
7) Phenol-d6	6.487	99	231503	35.462	ng	-0.02
23) Nitrobenzene-d5	7.434	82	694521	95.359	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	267388	143.134	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1214848	99.710	ng	0.00
79) Terphenyl-d14	13.004	244	909643	71.365	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	457	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	96420	20.479	ng	# 80
25) Isophorone	7.434	82	692411	55.981	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22053	7.986	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	18493	4.642	ng	# 1
77) Benzidine	13.004	184	14135	3.880	ng	# 95

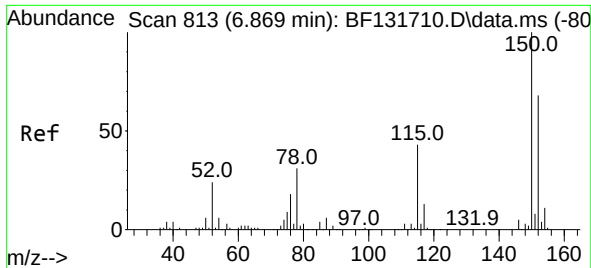
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131743.D
Acq On : 21 Dec 2022 13:26
Operator : CG\JU
Sample : N6100-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

Quant Time: Dec 22 05:19:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

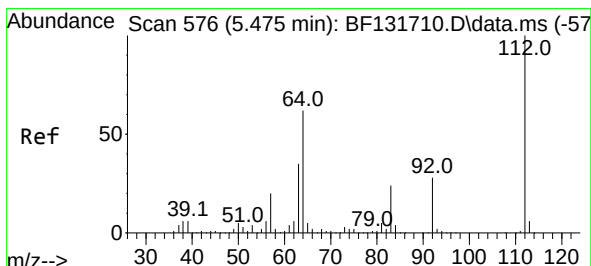
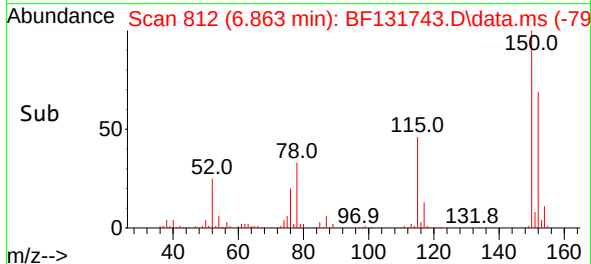
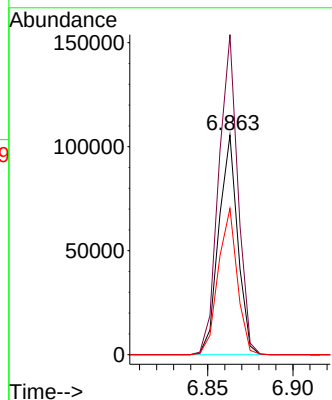
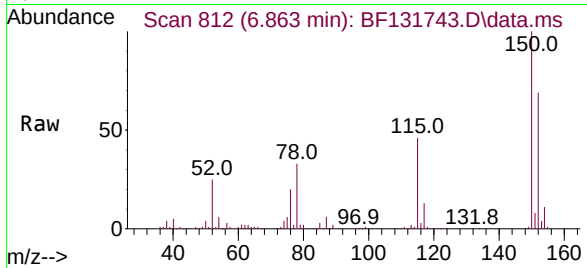




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

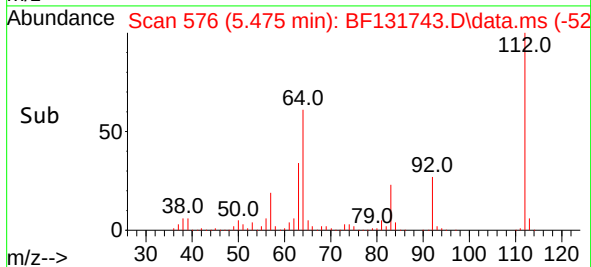
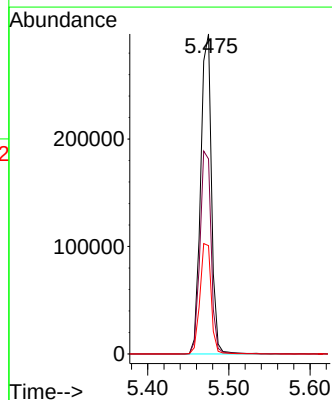
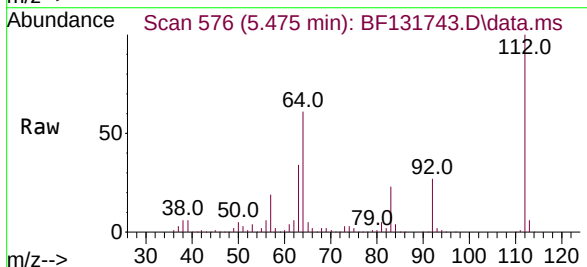
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

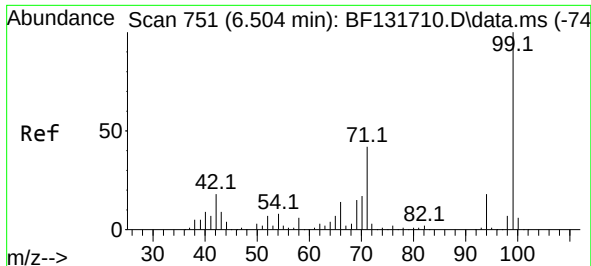
Tgt Ion:152 Resp: 81671
Ion Ratio Lower Upper
152 100
150 145.8 117.4 176.0
115 66.7 50.2 75.4



#5
2-Fluorophenol
Concen: 57.049 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:112 Resp: 276698
Ion Ratio Lower Upper
112 100
64 60.9 49.5 74.3
63 33.8 28.2 42.2

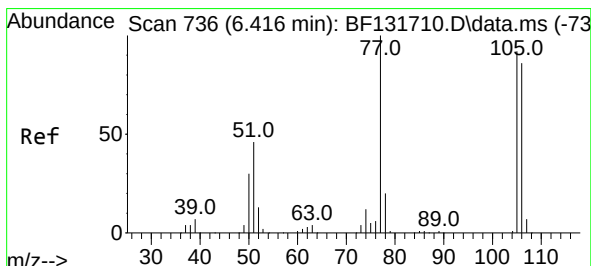
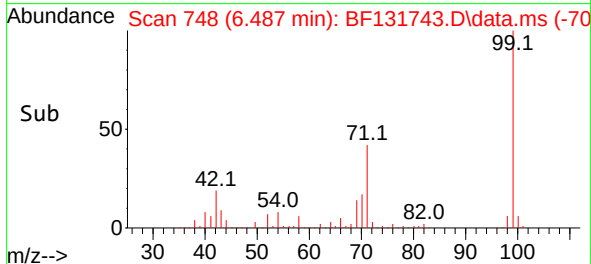
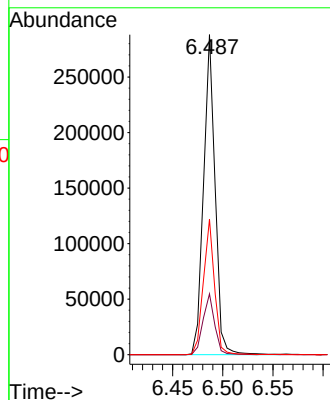
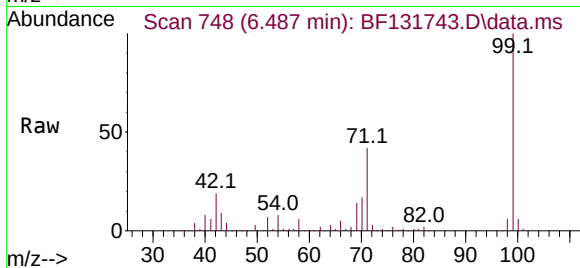




#7
Phenol-d6
Concen: 35.462 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.017 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

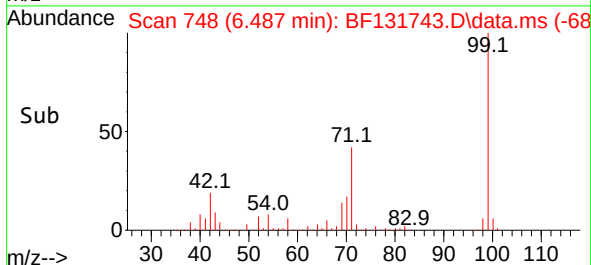
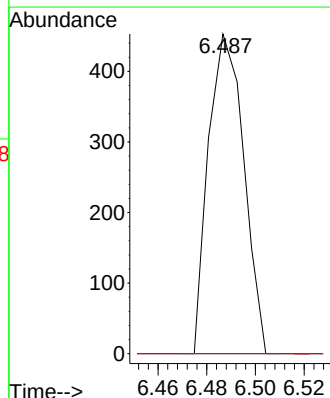
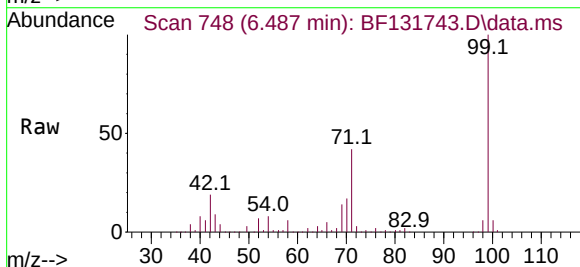
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

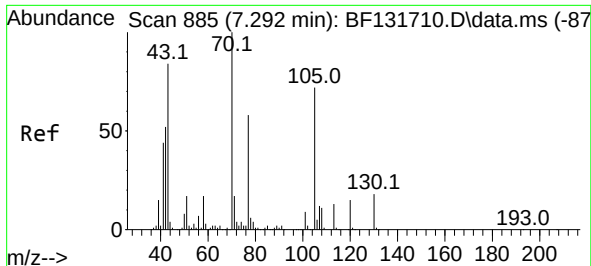
Tgt Ion: 99 Resp: 231503
Ion Ratio Lower Upper
99 100
42 19.0 14.8 22.2
71 42.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.071 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion: 77 Resp: 457
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

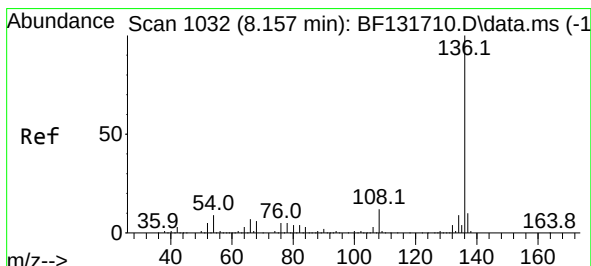
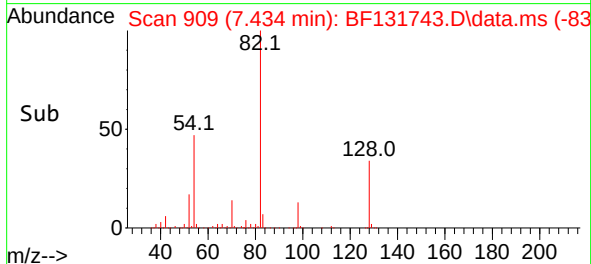
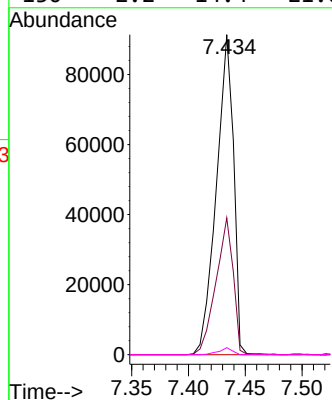
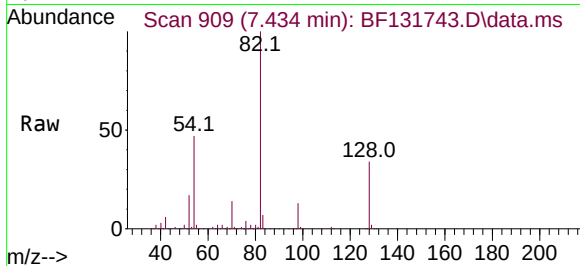




#19
n-Nitroso-di-n-propylamine
Concen: 20.479 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

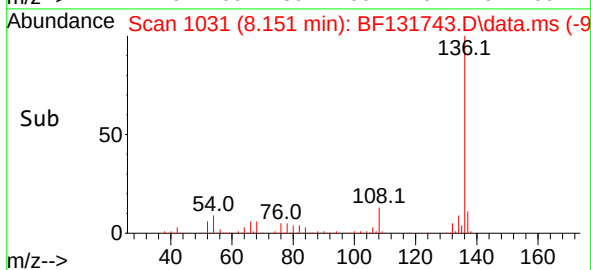
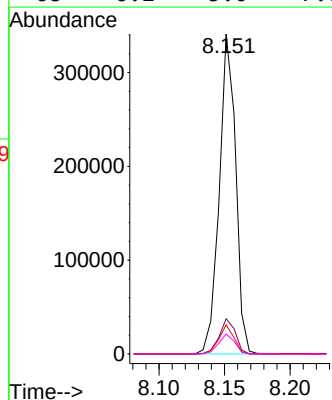
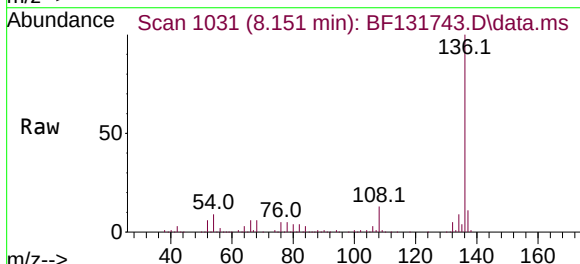
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

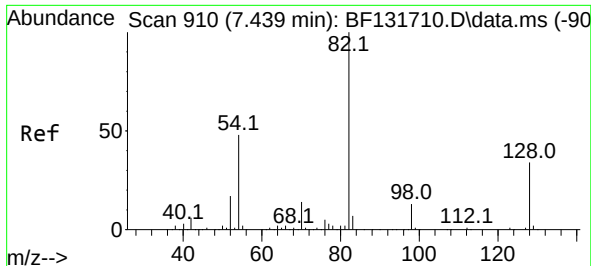
Tgt Ion: 70	Resp: 96420
Ion Ratio	Lower Upper
70 100	
42 42.8	41.5 62.3
101 0.0	7.3 10.9#
130 2.2	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion: 136	Resp: 295670
Ion Ratio	Lower Upper
136 100	
137 11.0	8.4 12.6
54 9.1	7.2 10.8
68 6.2	5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.359 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131743.D

Acq: 21 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20221215

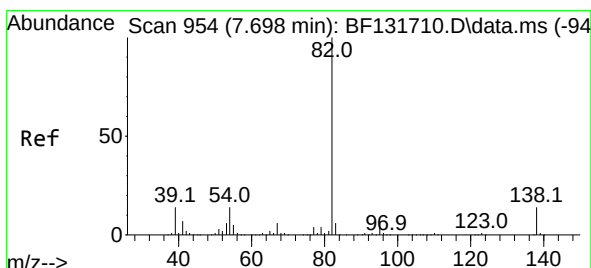
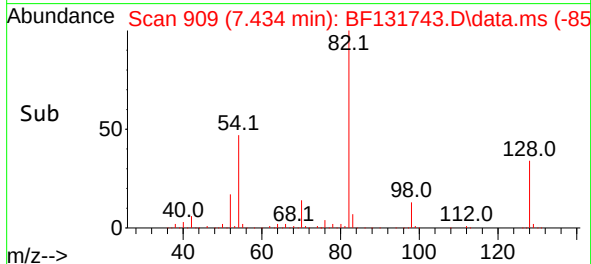
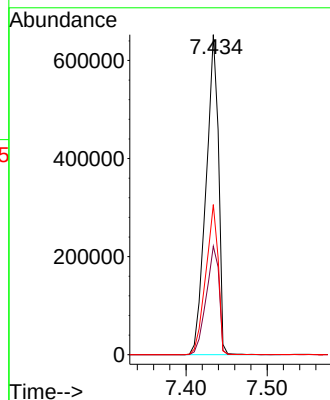
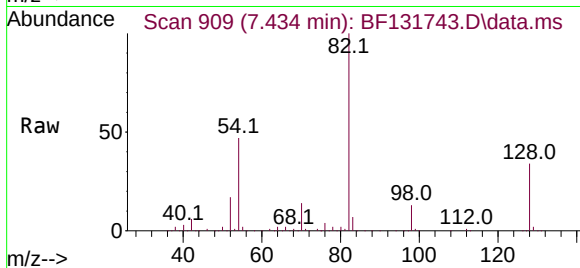
Tgt Ion: 82 Resp: 694521

Ion Ratio Lower Upper

82 100

128 33.9 27.3 40.9

54 46.9 38.2 57.2



#25

Isophorone

Concen: 55.981 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131743.D

Acq: 21 Dec 2022 13:26

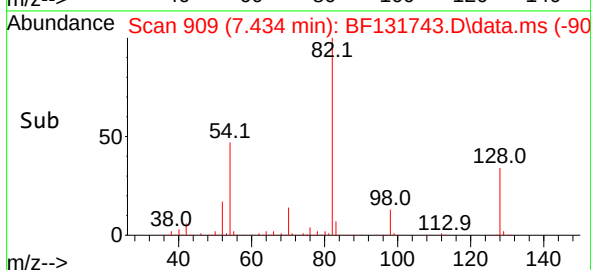
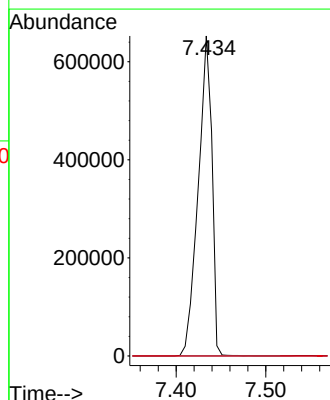
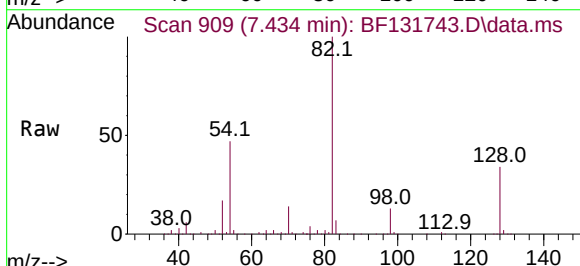
Tgt Ion: 82 Resp: 692411

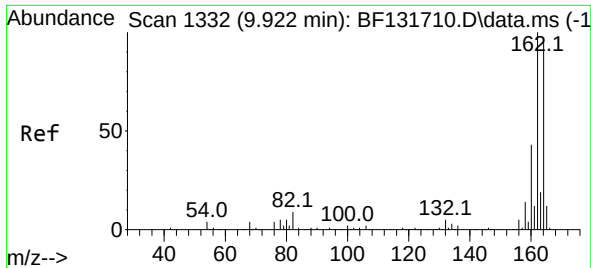
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

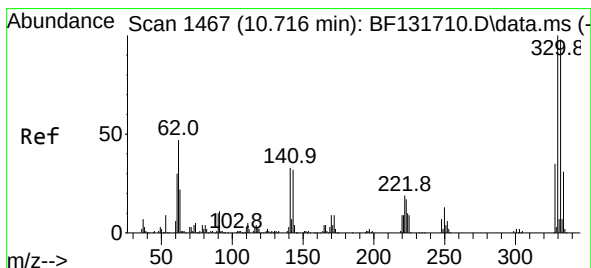
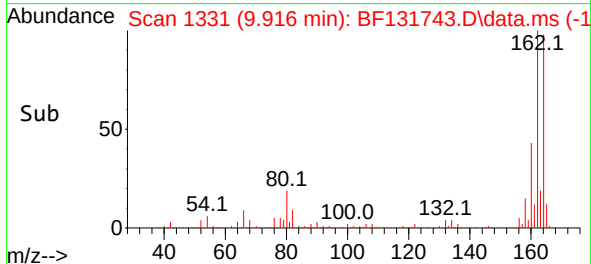
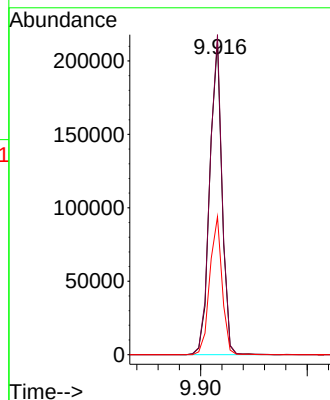
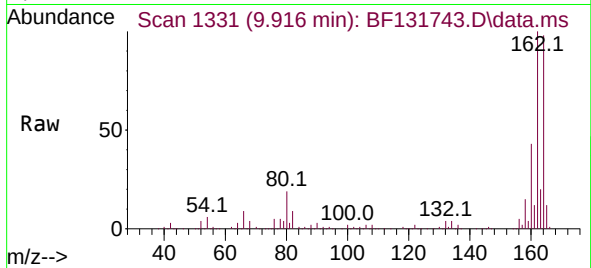




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

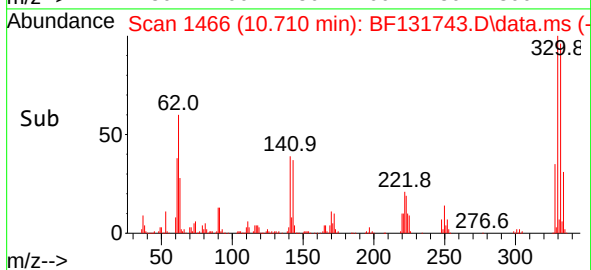
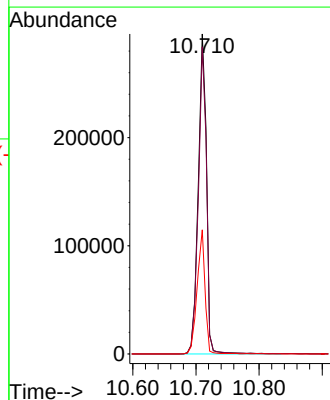
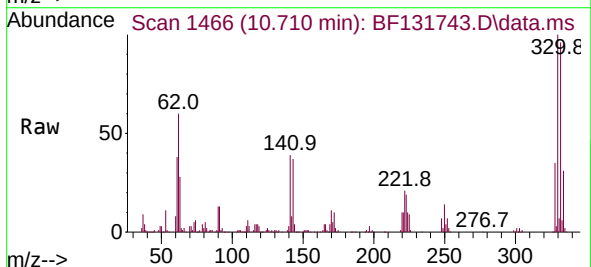
Instrument :
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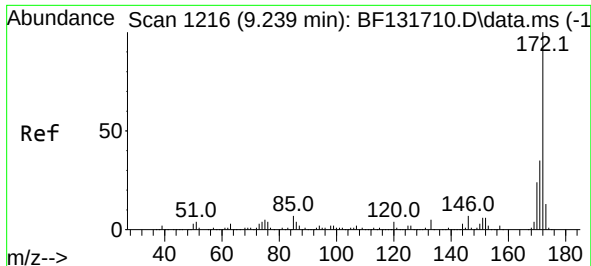
Tgt Ion:164 Resp: 170674
Ion Ratio Lower Upper
164 100
162 102.2 83.7 125.5
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 143.134 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:330 Resp: 267388
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 37.4 30.4 45.6

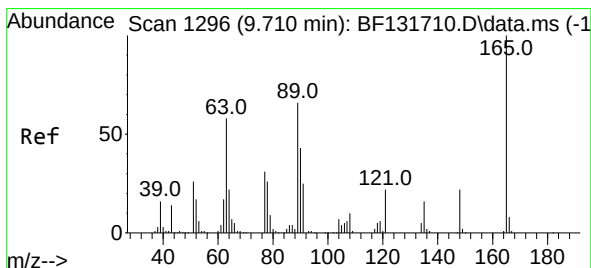
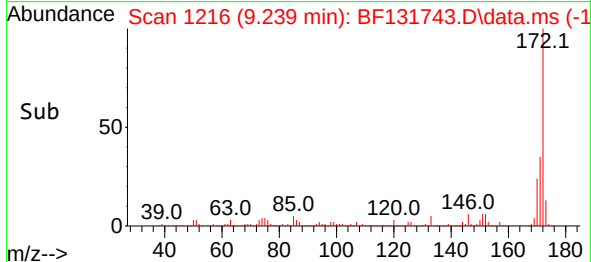
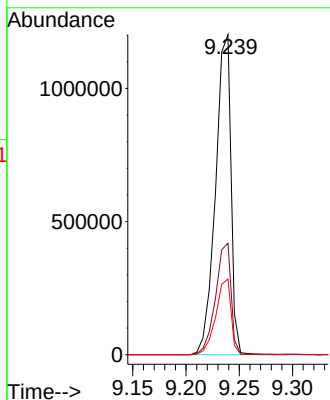
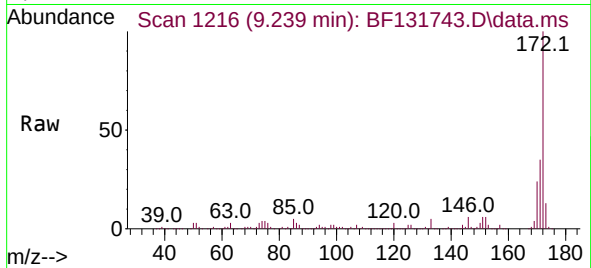




#45
2-Fluorobiphenyl
Concen: 99.710 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

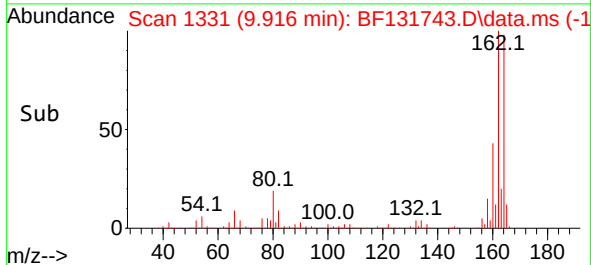
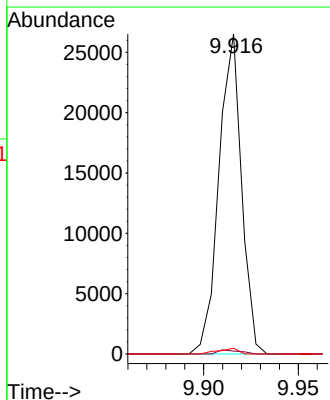
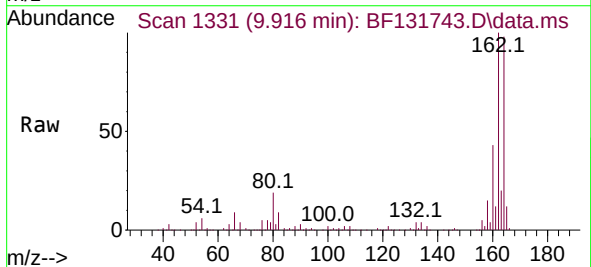
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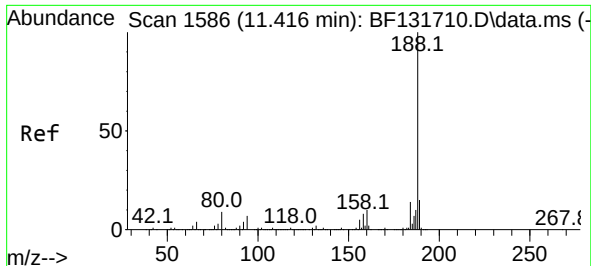
Tgt Ion:172 Resp: 1214848
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.986 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:165 Resp: 22053
Ion Ratio Lower Upper
165 100
63 0.9 51.8 77.8#
89 1.8 53.2 79.8#

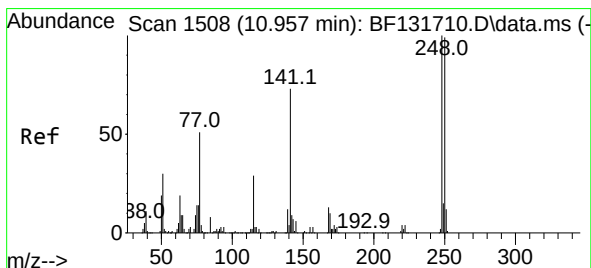
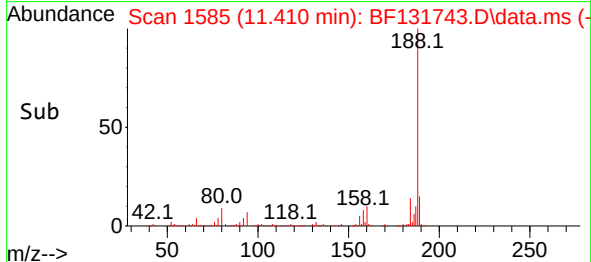
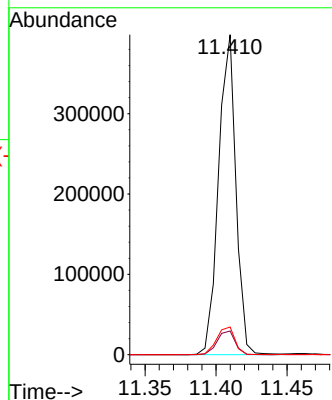
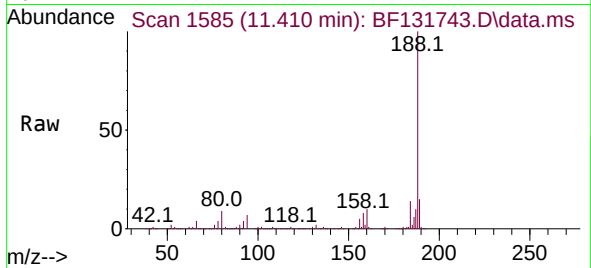




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

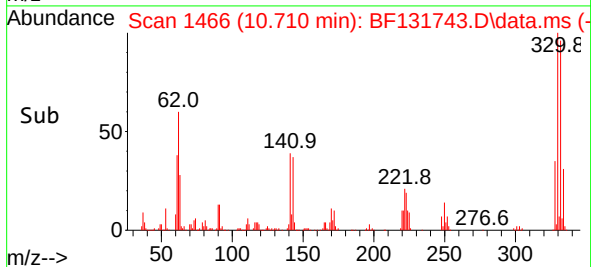
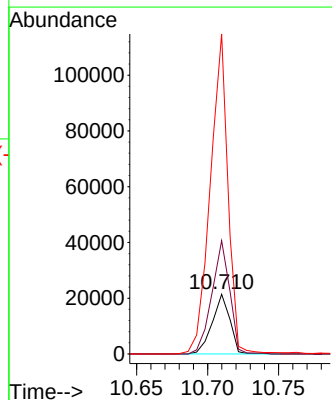
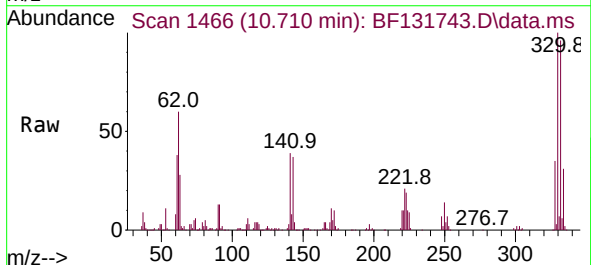
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

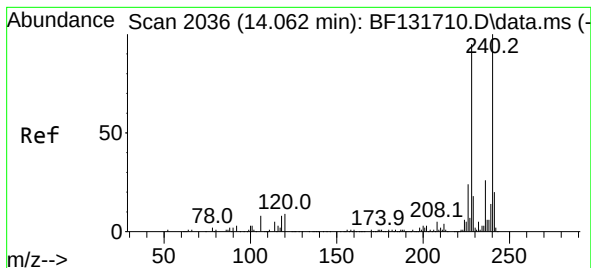
Tgt Ion:188 Resp: 337313
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.6 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.642 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:248 Resp: 18493
Ion Ratio Lower Upper
248 100
250 189.8 79.4 119.0#
141 536.0 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131743.D

Acq: 21 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20221215

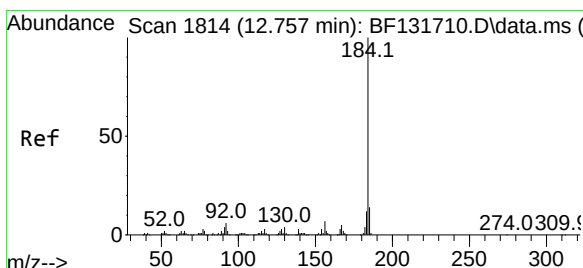
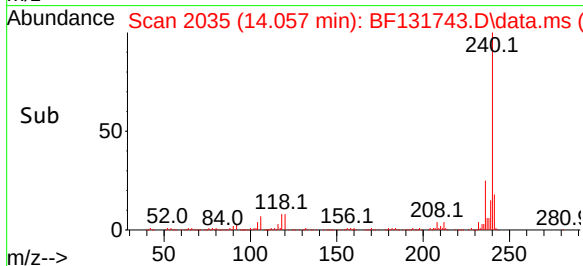
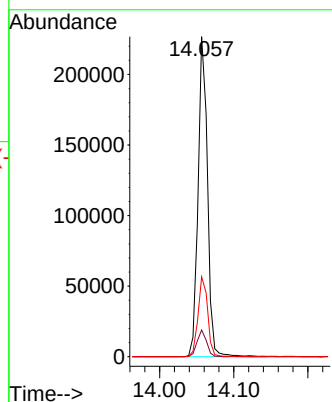
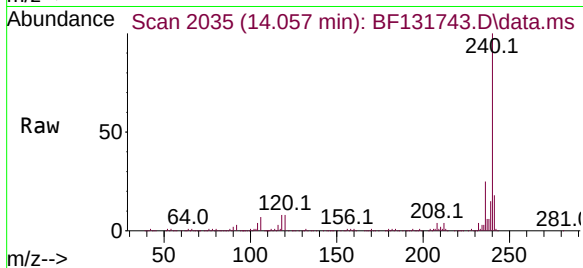
Tgt Ion:240 Resp: 198656

Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

236 25.0 21.2 31.8



#77

Benzdine

Concen: 3.880 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131743.D

Acq: 21 Dec 2022 13:26

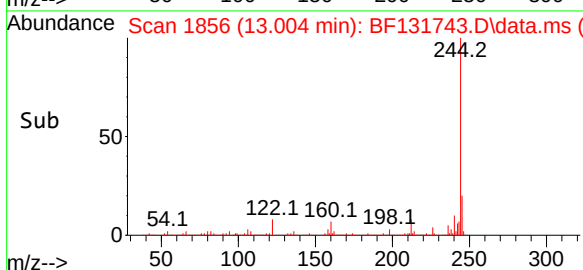
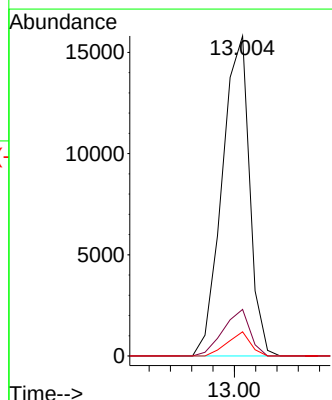
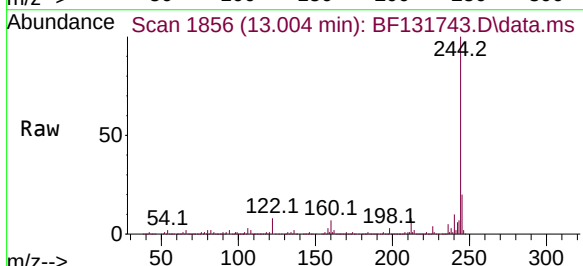
Tgt Ion:184 Resp: 14135

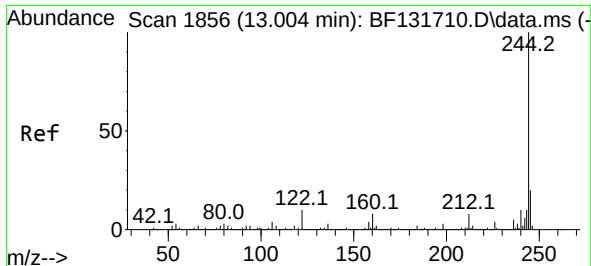
Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

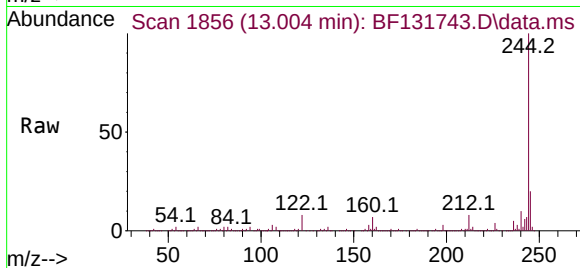
183 7.6 9.3 13.9#



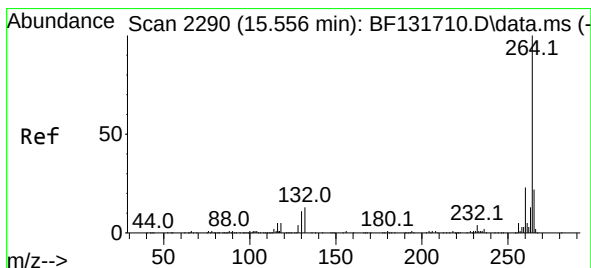
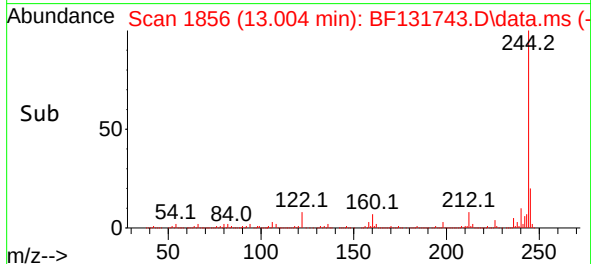
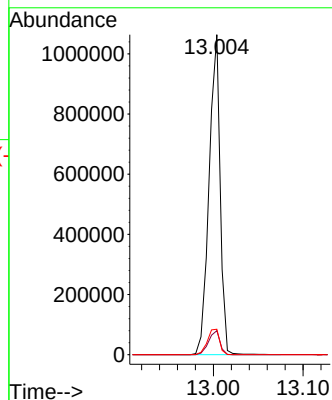


#79
 Terphenyl-d14
 Concen: 71.365 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131743.D
 Acq: 21 Dec 2022 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20221215



Tgt Ion:244 Resp: 909643
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF131743.D
 Acq: 21 Dec 2022 13:26

Tgt Ion:264 Resp: 173094
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.2 17.4 26.2

