

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135908.D
 Acq On : 20 Oct 2023 15:04
 Operator : CG\JU
 Sample : 04793-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005

Quant Time: Oct 20 15:23:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

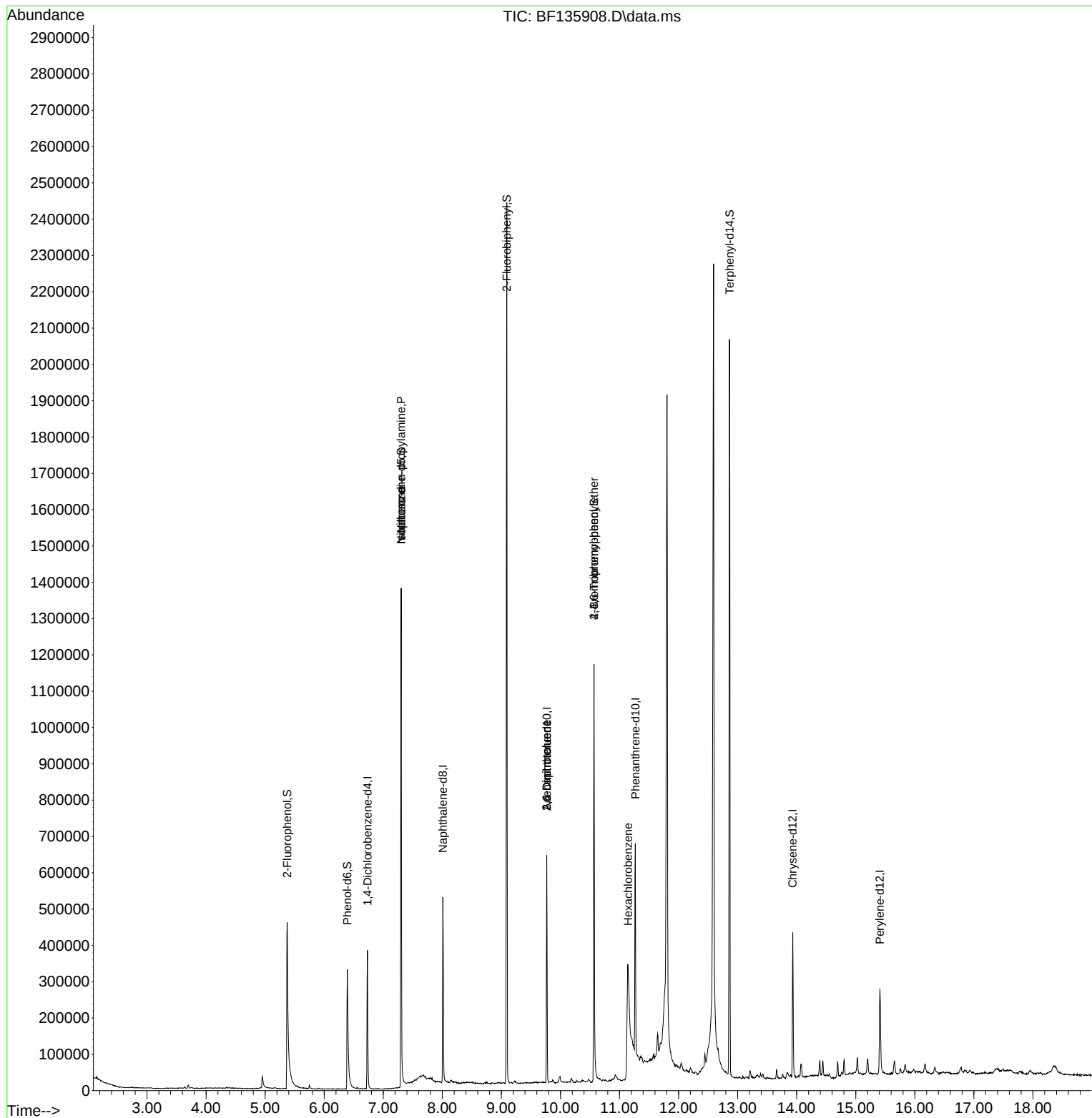
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	57745	20.000	ng	-0.01
21) Naphthalene-d8	8.010	136	211828	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	112097	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	221334	20.000	ng	#-0.01
76) Chrysene-d12	13.933	240	136030	20.000	ng	-0.02
86) Perylene-d12	15.410	264	112948	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	232464	64.723	ng	0.00
7) Phenol-d6	6.392	99	157408	35.125	ng	0.00
23) Nitrobenzene-d5	7.304	82	386103	100.248	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	134709	125.234	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	691467	96.445	ng	-0.01
79) Terphenyl-d14	12.863	244	739861	100.725	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	51268	18.502	ng	# 73
25) Isophorone	7.304	82	386103	53.138	ng	# 66
51) 2,6-Dinitrotoluene	9.769	165	14692	9.028	ng	# 16
57) 2,4-Dinitrotoluene	9.769	165	14692	7.097	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	8424	3.792	ng	# 1
68) Hexachlorobenzene	11.145	284	5021	2.220	ng	# 44

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

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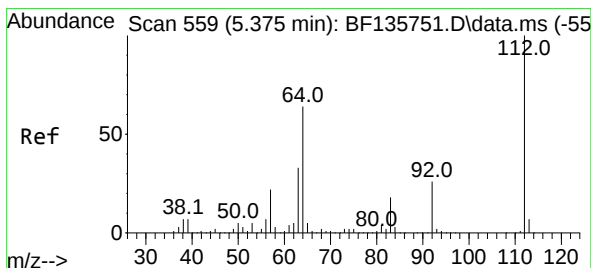
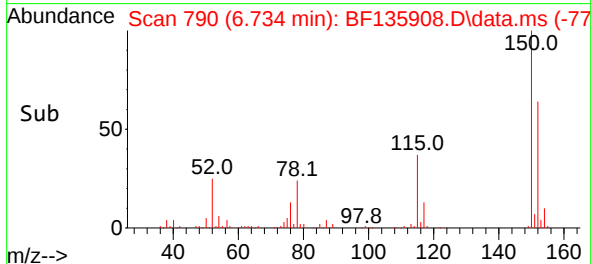
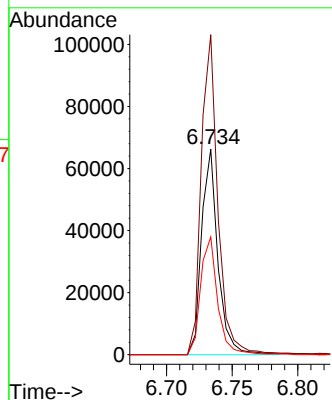
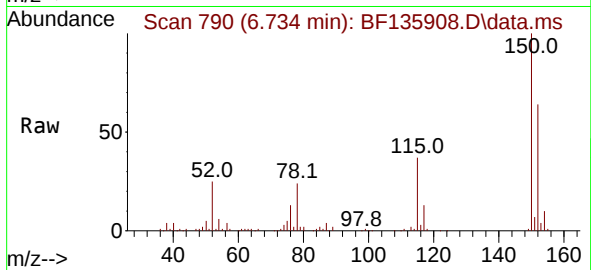




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

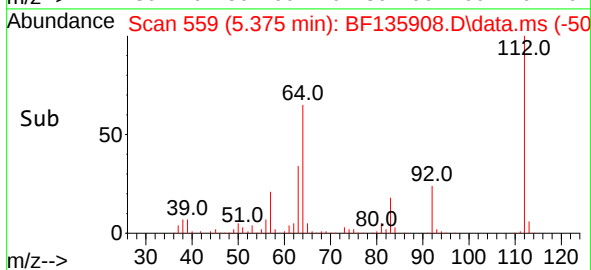
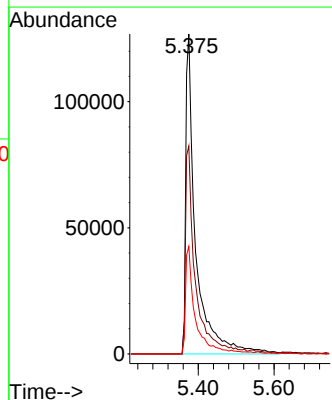
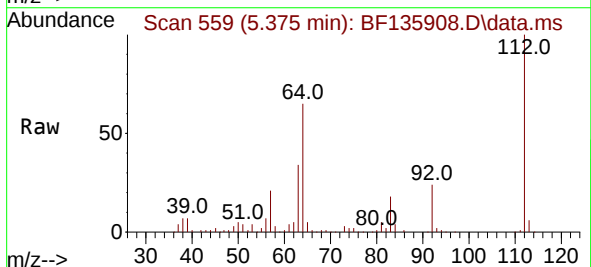
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion:152 Resp: 57745
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 64.723 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Tgt Ion:112 Resp: 232464
Ion Ratio Lower Upper
112 100
64 65.0 51.2 76.8
63 33.6 26.1 39.1

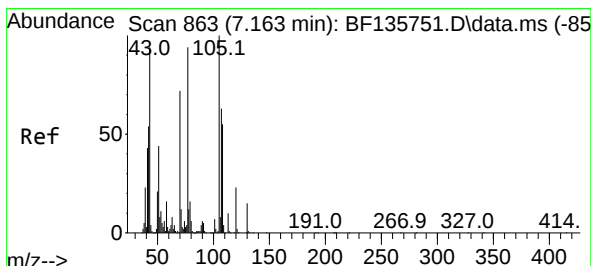
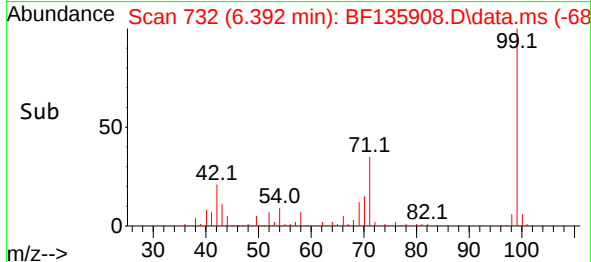
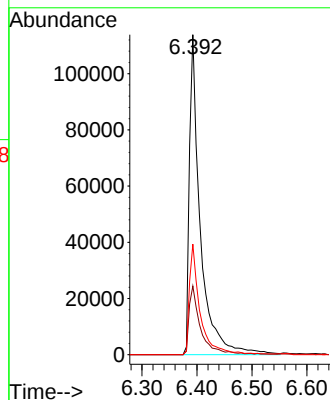
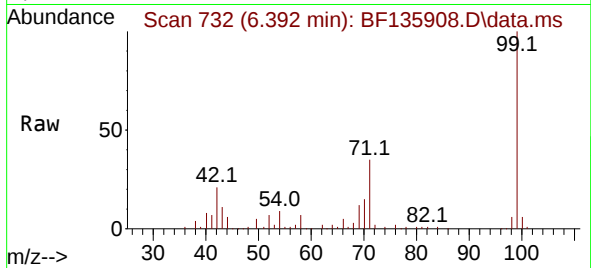




#7
Phenol-d6
Concen: 35.125 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

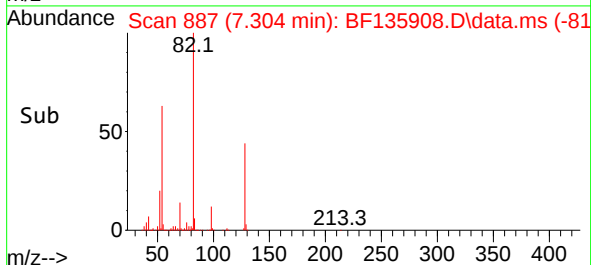
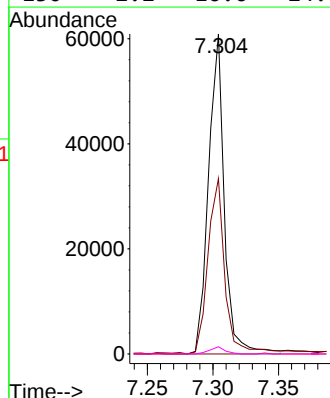
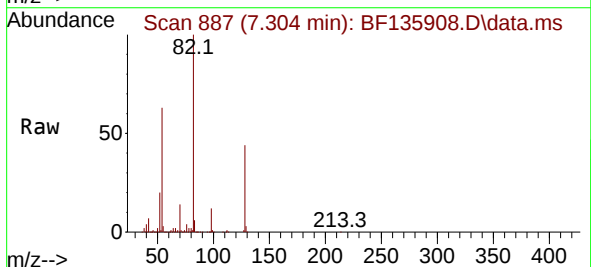
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

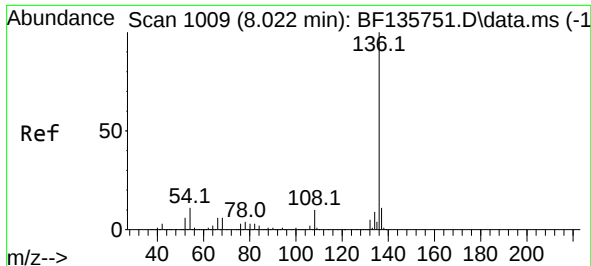
Tgt Ion: 99 Resp: 157408
Ion Ratio Lower Upper
99 100
42 21.5 18.4 27.6
71 34.5 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.502 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Tgt Ion: 70 Resp: 51268
Ion Ratio Lower Upper
70 100
42 54.8 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



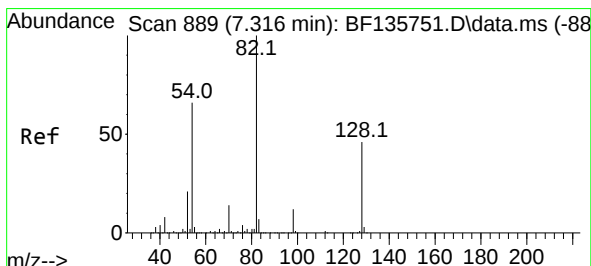
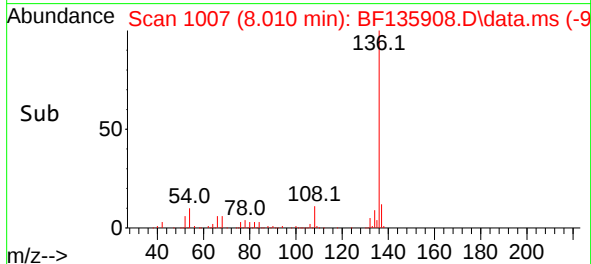
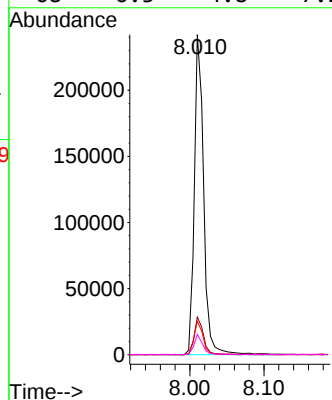
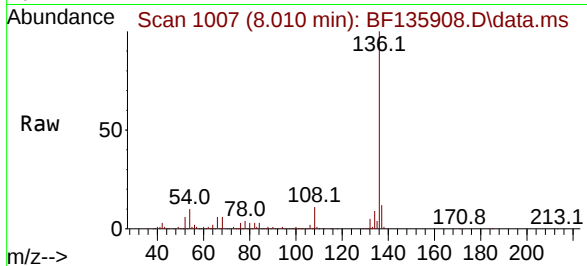


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion:136 Resp: 211828

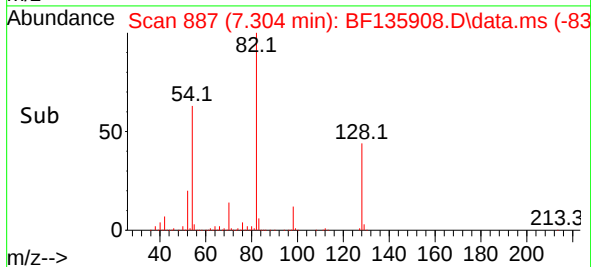
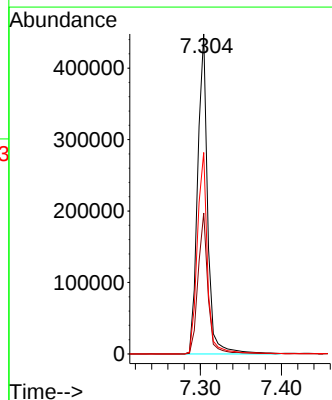
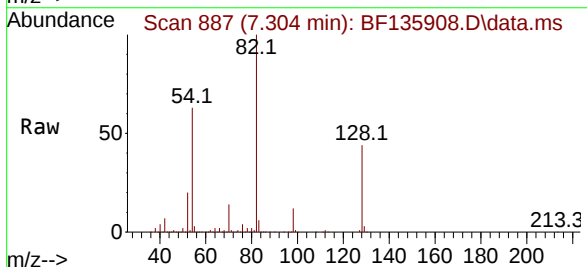
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	10.4	8.5	12.7
68	6.3	4.8	7.2

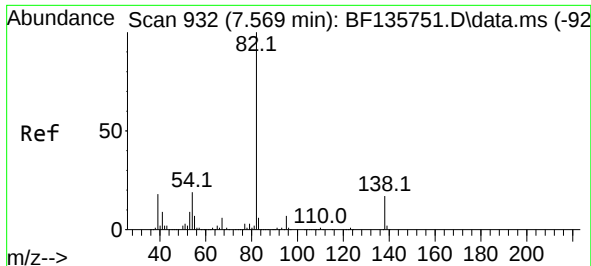


#23
Nitrobenzene-d5
Concen: 100.248 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Tgt Ion: 82 Resp: 386103

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	63.0	52.8	79.2

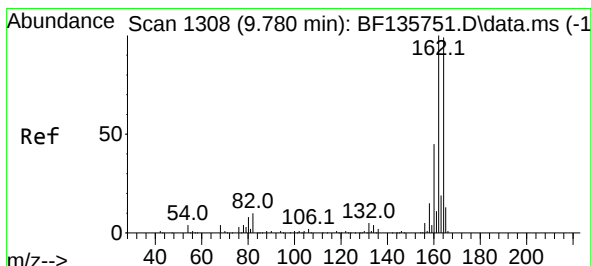
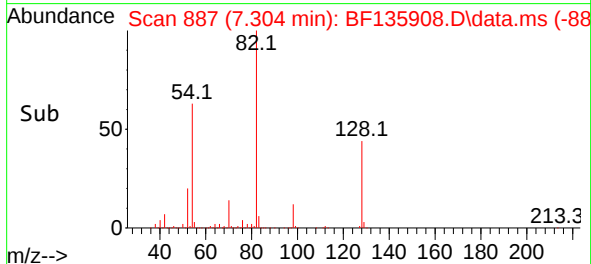
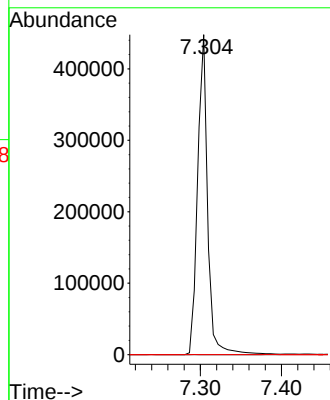
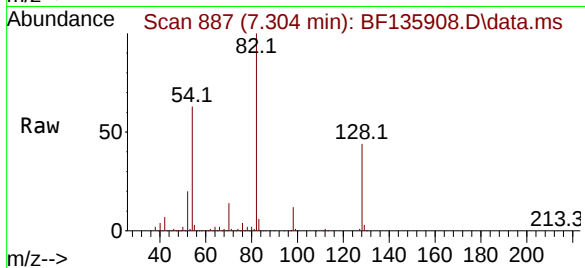




#25
Isophorone
Concen: 53.138 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

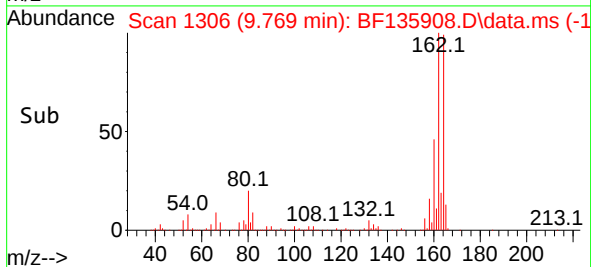
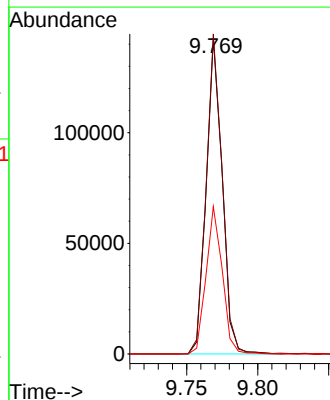
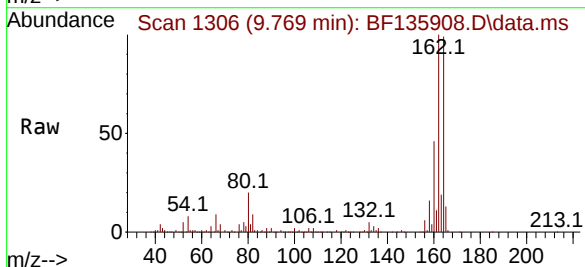
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion: 82 Resp: 386103
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Tgt Ion:164 Resp: 112097
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 125.234 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.018 min

Lab File: BF135908.D

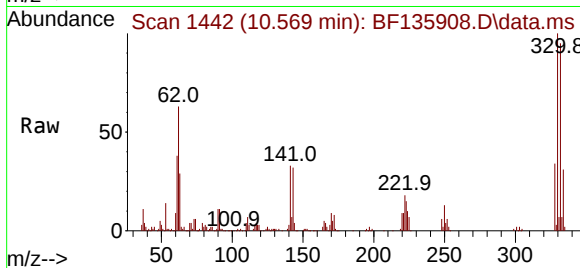
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Instrument :

BNA_F

ClientSampleId :

SP-303-20231005



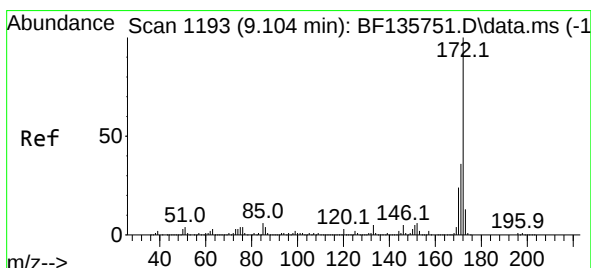
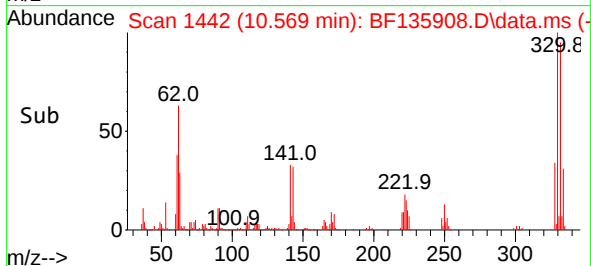
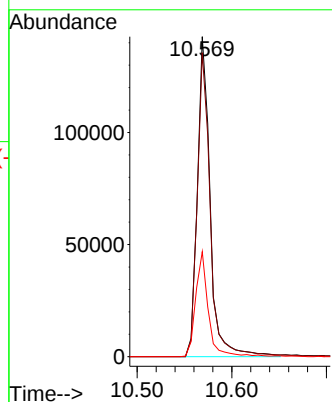
Tgt Ion:330 Resp: 134709

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.4

141 32.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 96.445 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135908.D

Acq: 20 Oct 2023 15:04

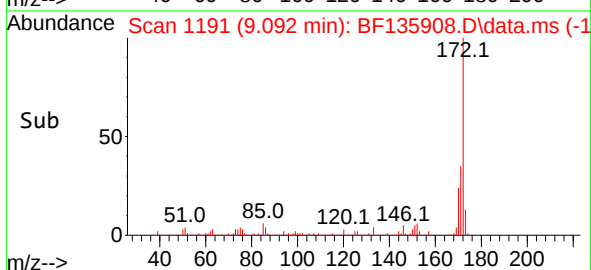
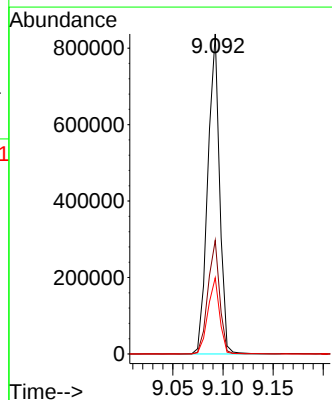
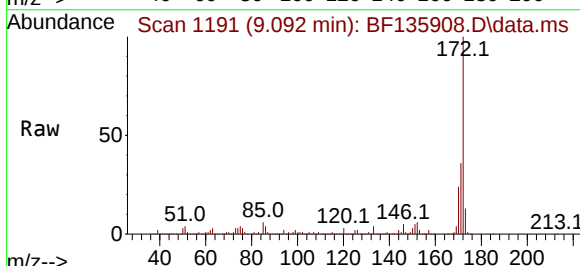
Tgt Ion:172 Resp: 691467

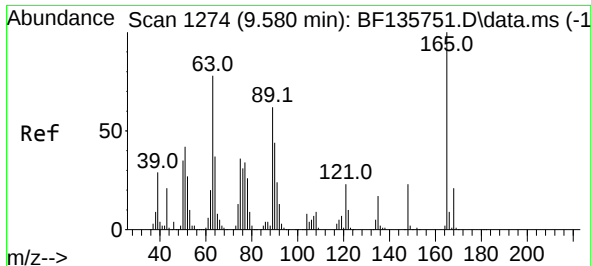
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.028 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.182 min

Lab File: BF135908.D

Acq: 20 Oct 2023 15:04

Instrument :

BNA_F

ClientSampleId :

SP-303-20231005

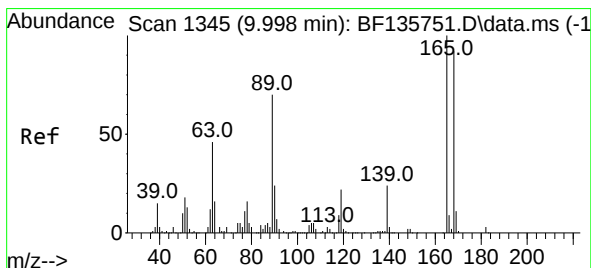
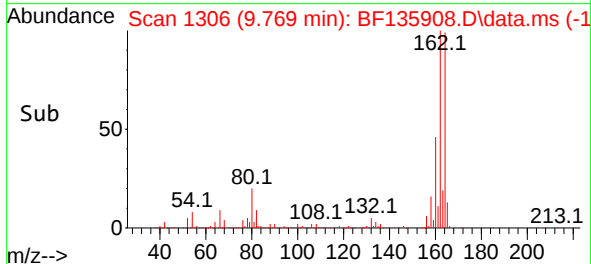
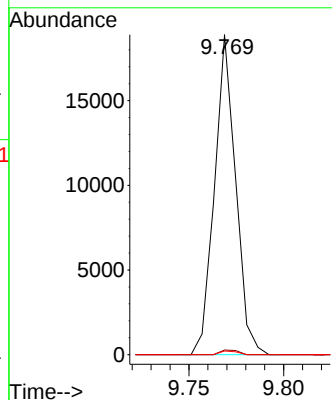
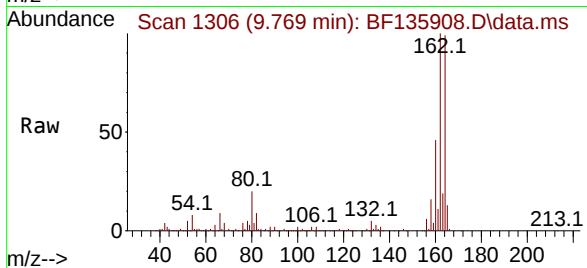
Tgt Ion:165 Resp: 14692

Ion Ratio Lower Upper

165 100

63 1.5 62.2 93.4#

89 1.1 49.6 74.4#



#57

2,4-Dinitrotoluene

Concen: 7.097 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.235 min

Lab File: BF135908.D

Acq: 20 Oct 2023 15:04

Tgt Ion:165 Resp: 14692

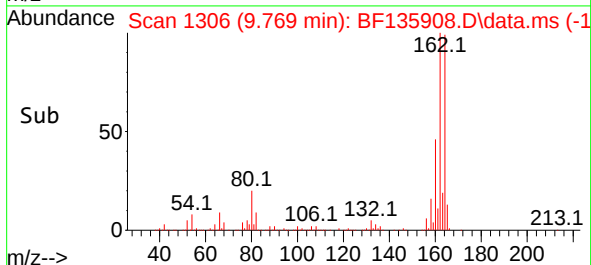
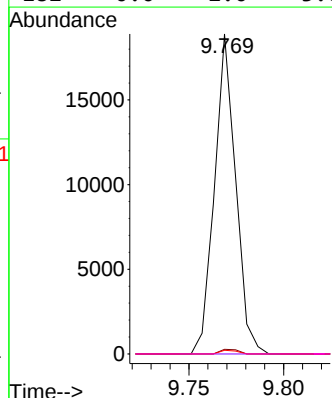
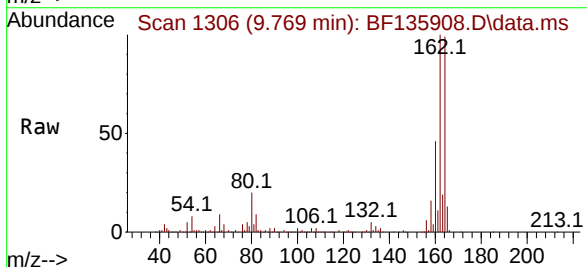
Ion Ratio Lower Upper

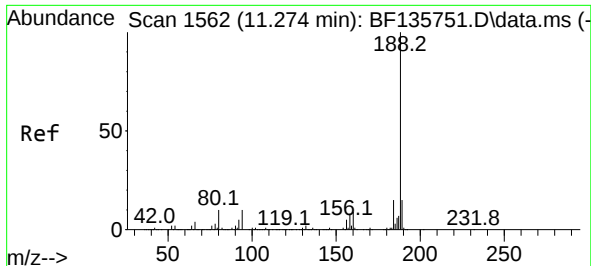
165 100

63 1.5 39.0 58.4#

89 1.1 55.9 83.9#

182 0.0 2.0 3.0#

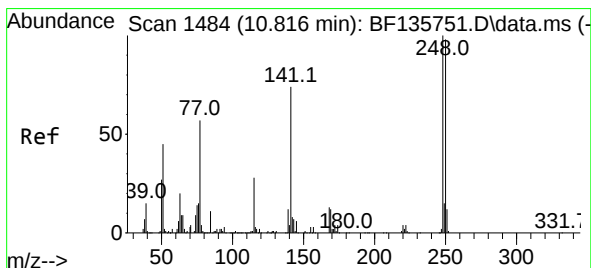
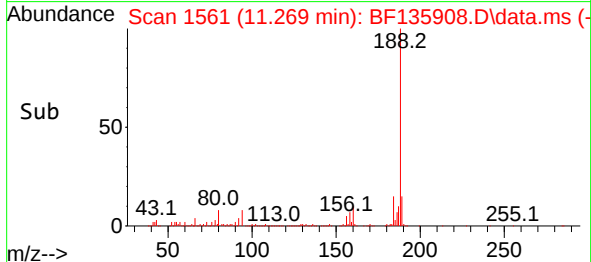
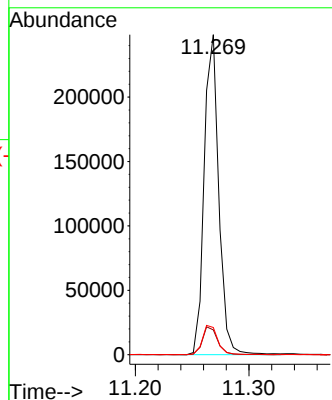
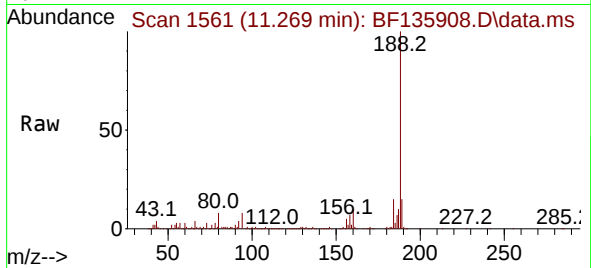




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

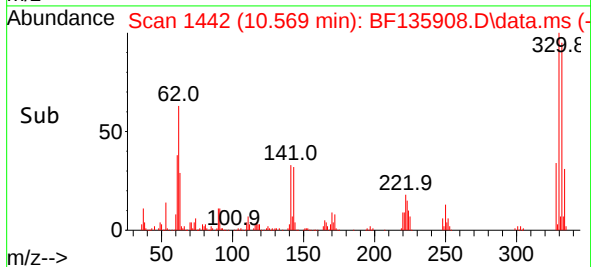
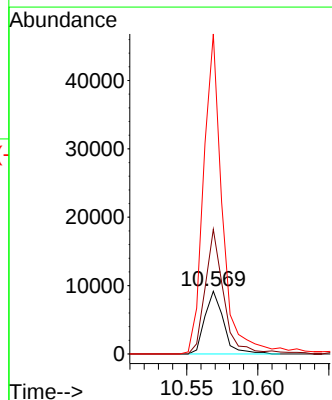
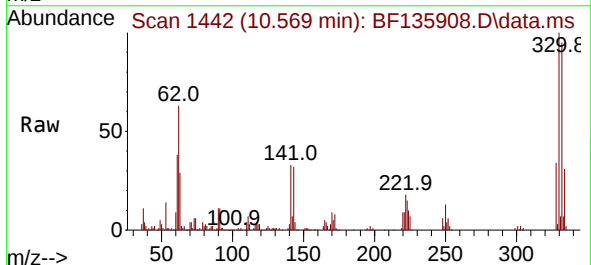
Instrument :
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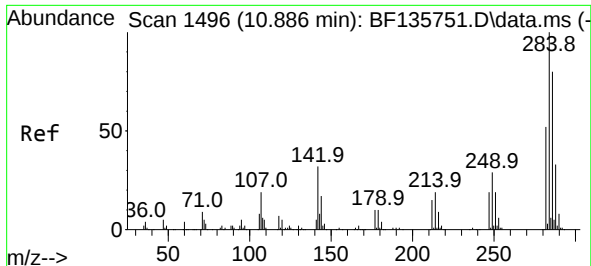
Tgt Ion:188 Resp: 221334
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 8.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.792 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

Tgt Ion:248 Resp: 8424
Ion Ratio Lower Upper
248 100
250 198.6 78.0 117.0#
141 509.8 59.0 88.6#

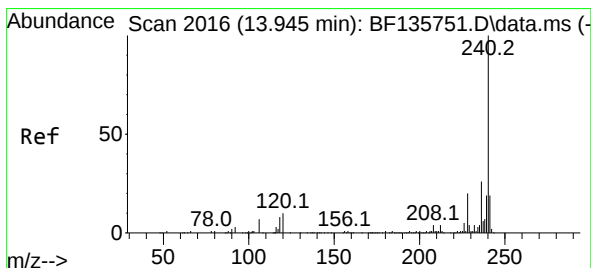
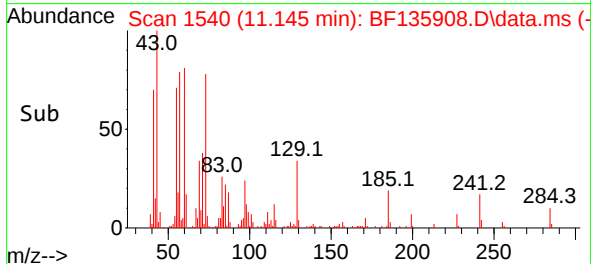
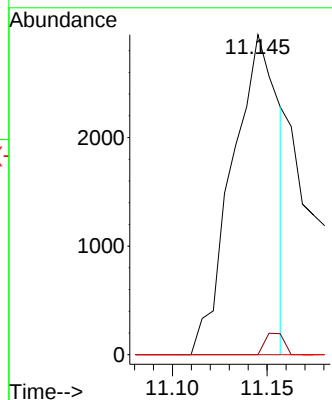
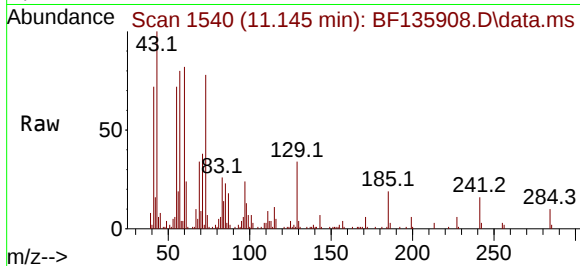




#68
Hexachlorobenzene
Concen: 2.220 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

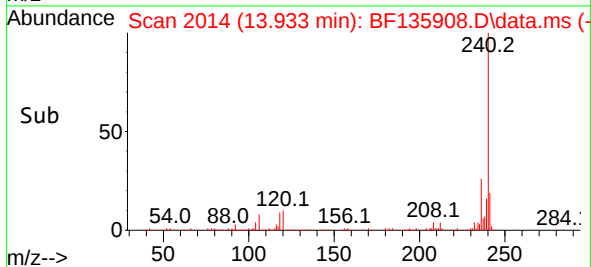
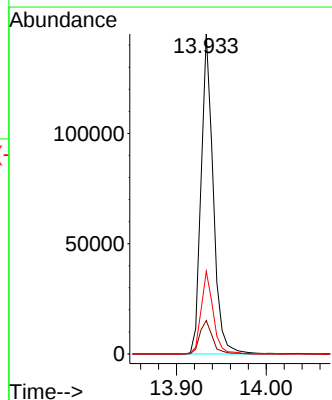
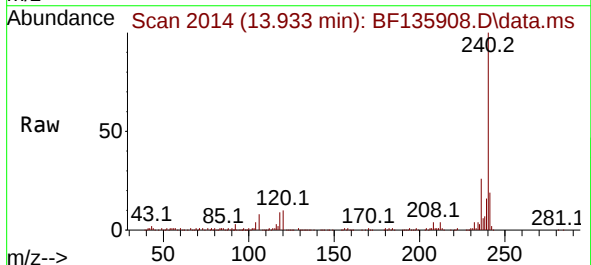
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

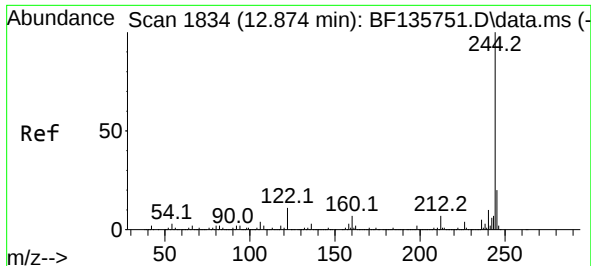
Tgt Ion:284 Resp: 5021
Ion Ratio Lower Upper
284 100
142 0.0 25.3 37.9#
249 0.0 23.5 35.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135908.D
Acq: 20 Oct 2023 15:04

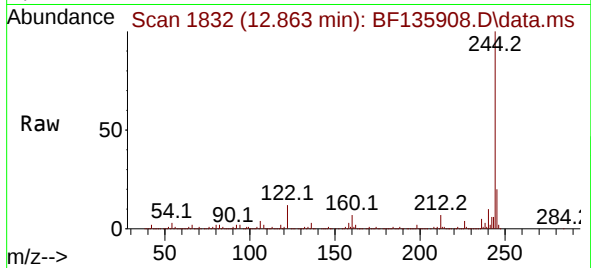
Tgt Ion:240 Resp: 136030
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.8 21.2 31.8



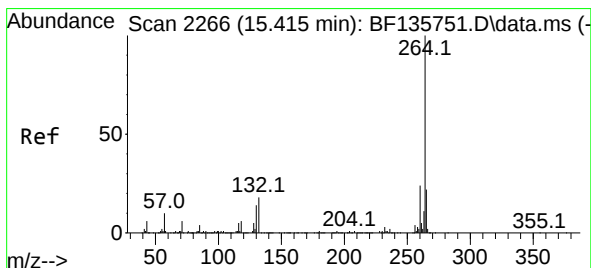
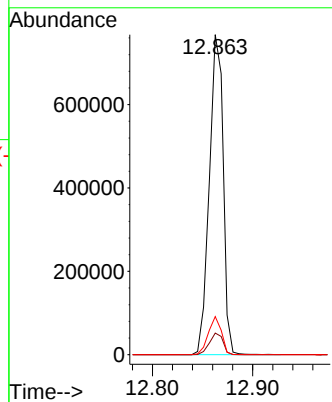
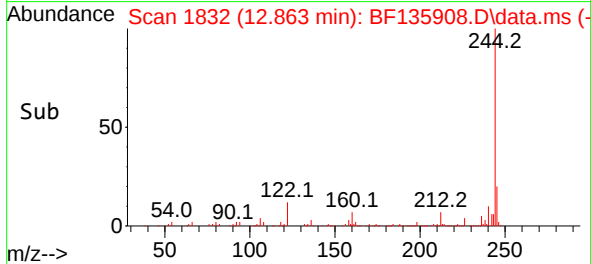


#79
 Terphenyl-d14
 Concen: 100.725 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF135908.D
 Acq: 20 Oct 2023 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005



Tgt Ion:244 Resp: 739861
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135908.D
 Acq: 20 Oct 2023 15:04

Tgt Ion:264 Resp: 112948
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.4 17.4 26.2

