

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135640.D
 Acq On : 06 Oct 2023 21:05
 Operator : CG\JU
 Sample : 04769-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:52:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

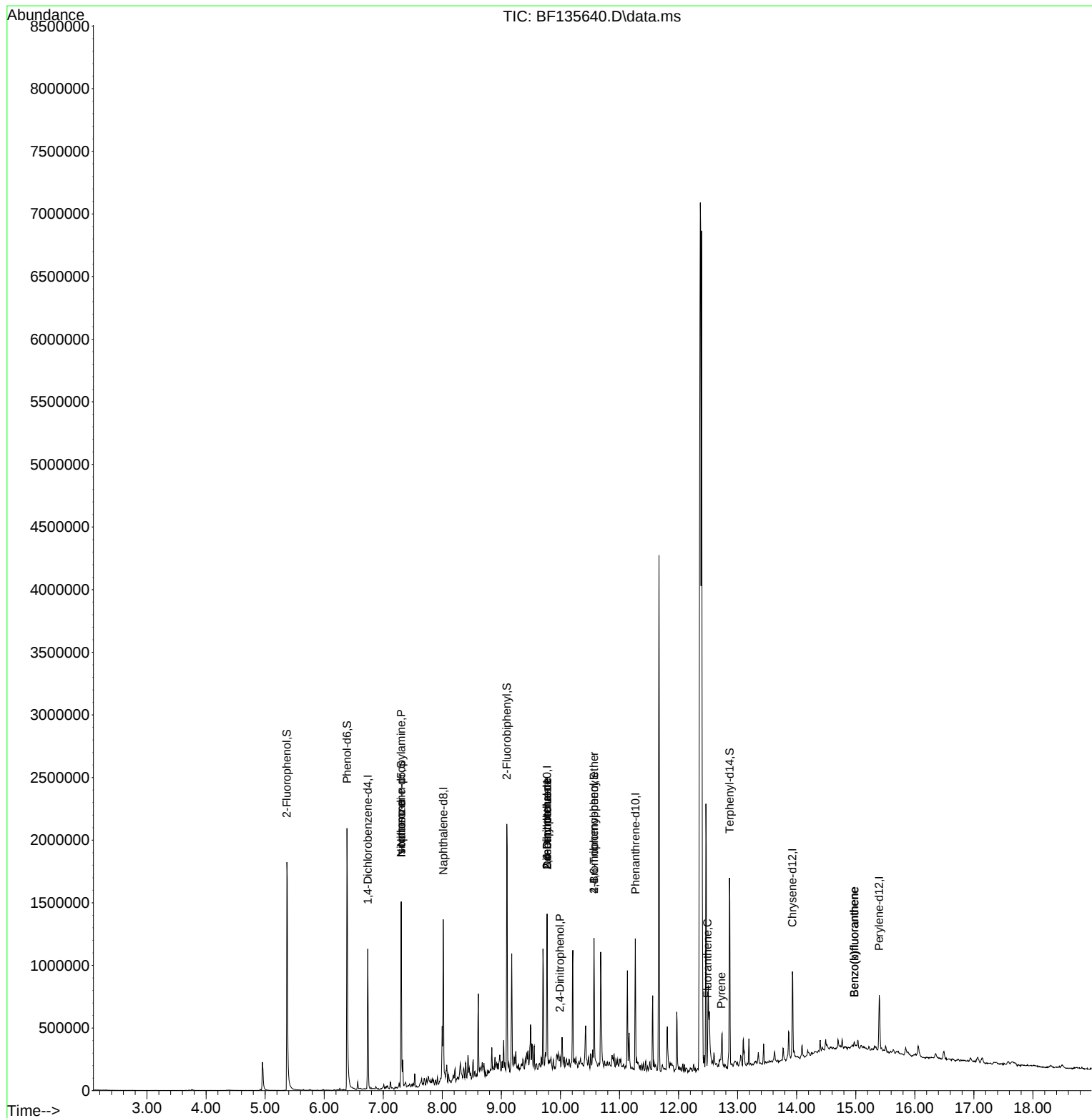
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	151766	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	536230	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	220373	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	351775	20.000	ng	0.00
76) Chrysene-d12	13.927	240	243246	20.000	ng	0.00
86) Perylene-d12	15.398	264	201236	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	577215	61.859	ng	0.00
7) Phenol-d6	6.387	99	722635	60.904	ng	0.00
23) Nitrobenzene-d5	7.304	82	421637	42.719	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	114579	52.320	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	626473	42.890	ng	0.00
79) Terphenyl-d14	12.863	244	543052	34.608	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	57992	7.891	ng	# 79
25) Isophorone	7.304	82	418556	23.094	ng	# 65
50) Dimethylphthalate	9.775	163	43409	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	29907	9.163	ng	# 18
54) 2,4-Dinitrophenol	9.992	184	204	6.349	ng	# 1
57) 2,4-Dinitrotoluene	9.775	165	29907	7.319	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	7103	2.030	ng	# 1
75) Fluoranthene	12.492	202	43606	2.515	ng	94
78) Pyrene	12.722	202	46997	2.029	ng	98
88) Benzo(b)fluoranthene	14.974	252	25157	2.309	ng	# 49
89) Benzo(k)fluoranthene	14.974	252	25157	2.338	ng	# 50

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

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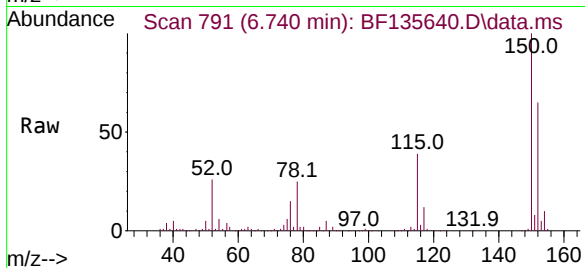
Quant Time: Oct 07 01:52:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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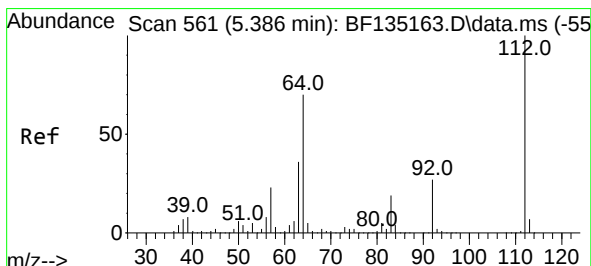
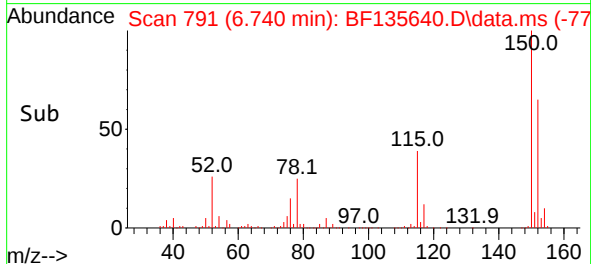
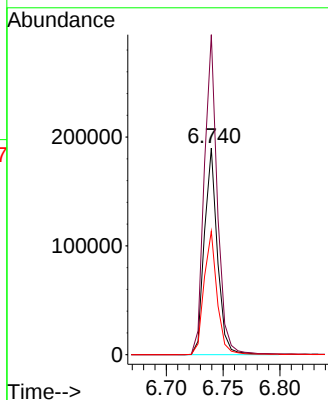


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Instrument :
BNA_F
ClientSampleId :

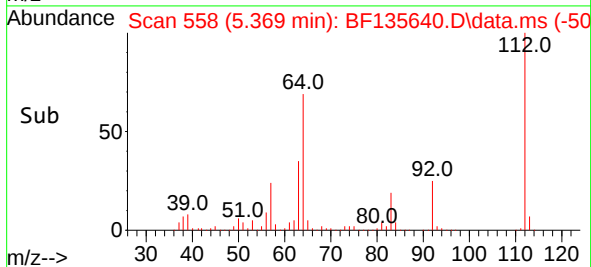
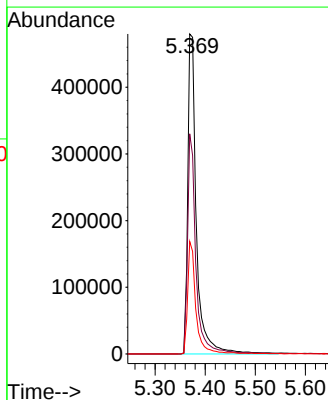
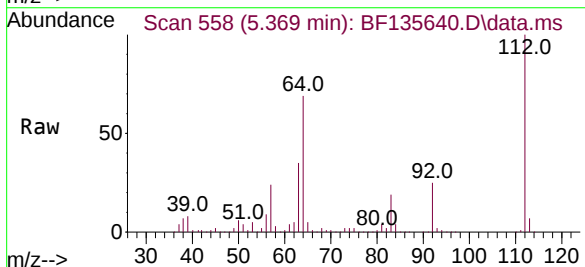


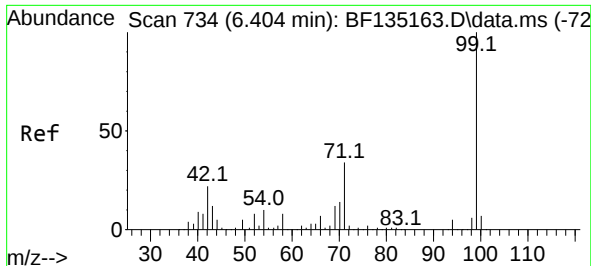
Tgt Ion:152 Resp: 151766
Ion Ratio Lower Upper
152 100
150 154.9 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 61.859 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion:112 Resp: 577215
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.2 29.0 43.6

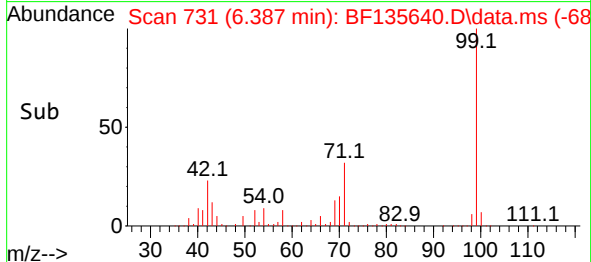
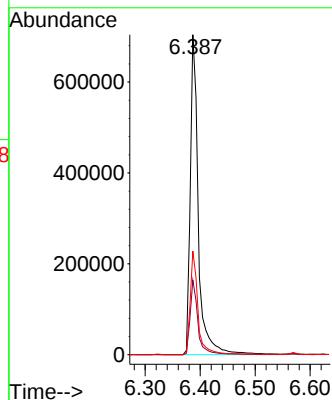
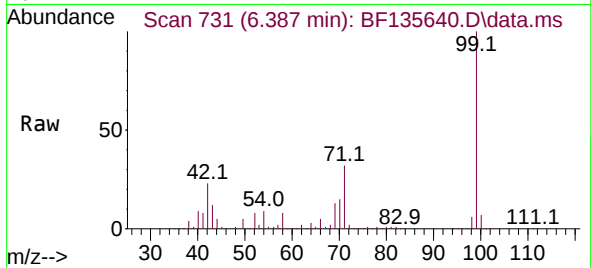




#7
Phenol-d6
Concen: 60.904 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

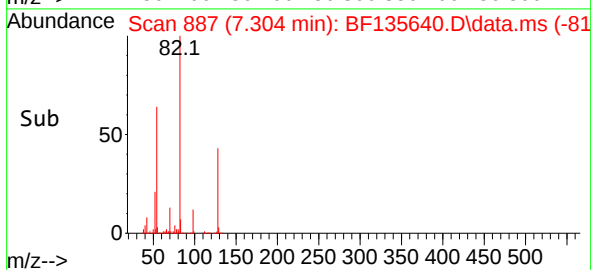
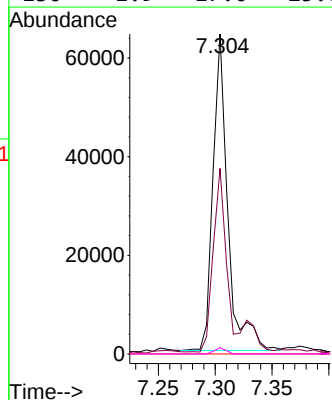
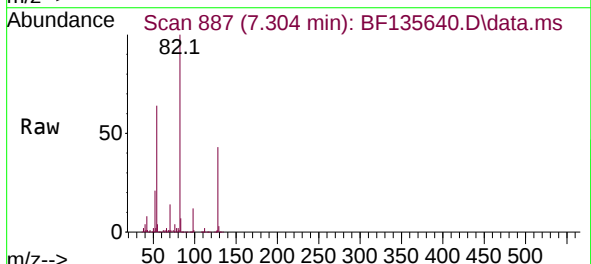
Instrument :
BNA_F
ClientSampleId :

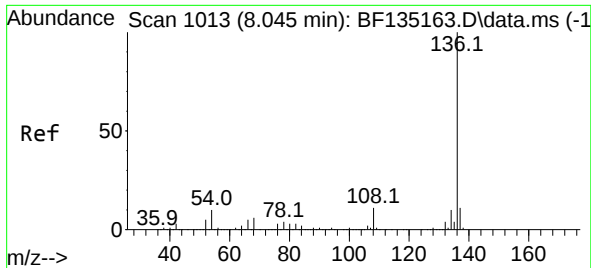
Tgt Ion: 99 Resp: 722635
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 32.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.891 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion: 70 Resp: 57992
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

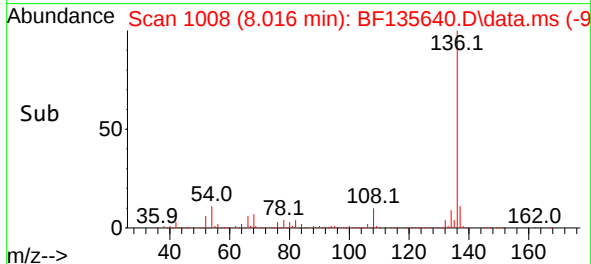
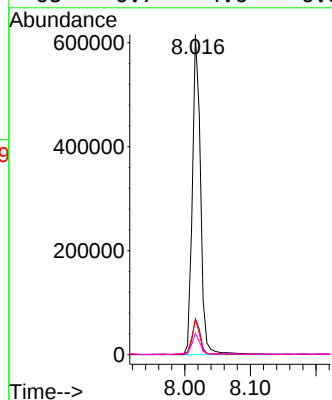
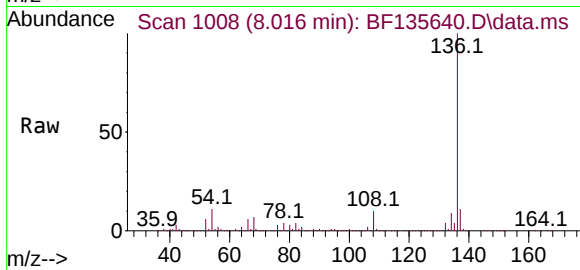




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

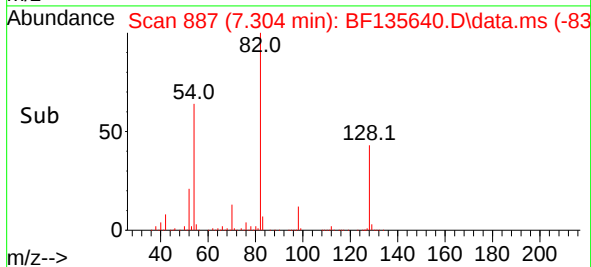
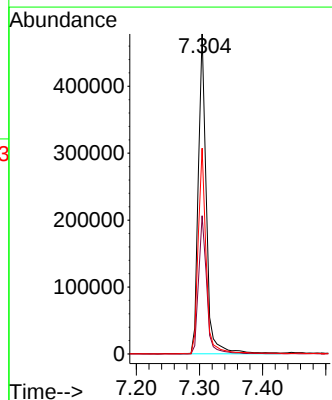
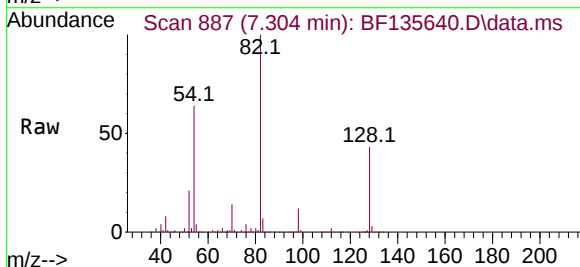
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 536230
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.0 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 42.719 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion: 82 Resp: 421637
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.6
54 64.3 50.6 76.0

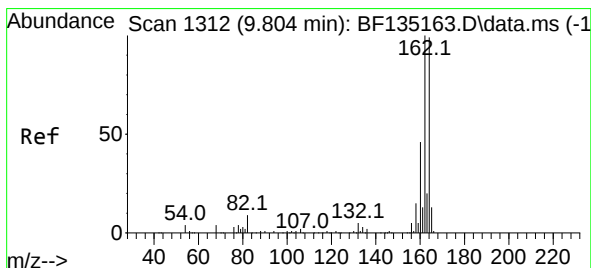
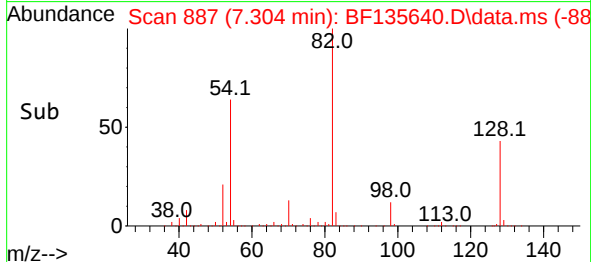
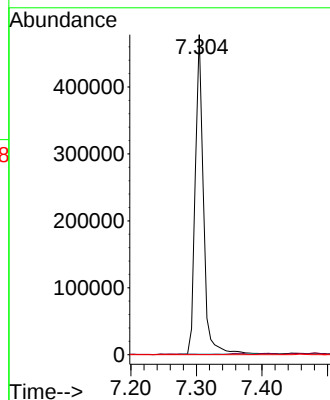
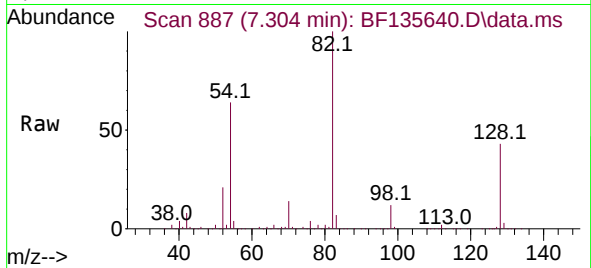




#25
Isophorone
Concen: 23.094 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

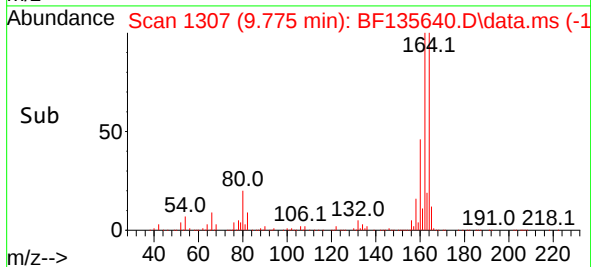
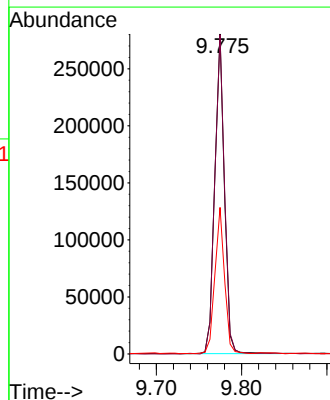
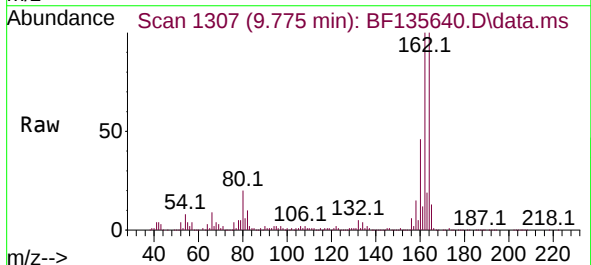
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 418556
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion:164 Resp: 220373
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 52.320 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

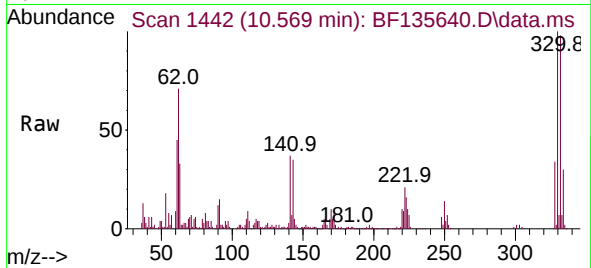
Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :



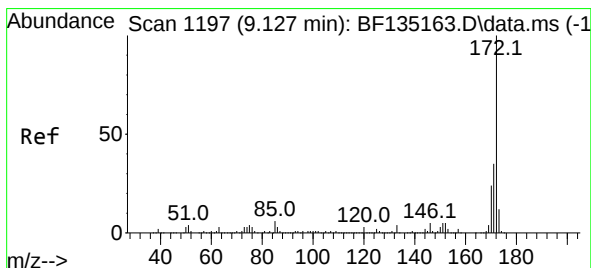
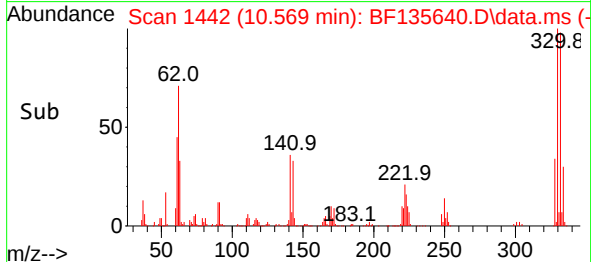
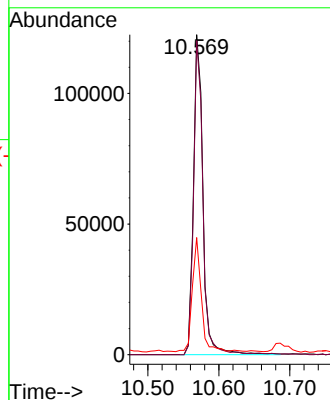
Tgt Ion:330 Resp: 114579

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 33.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 42.890 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

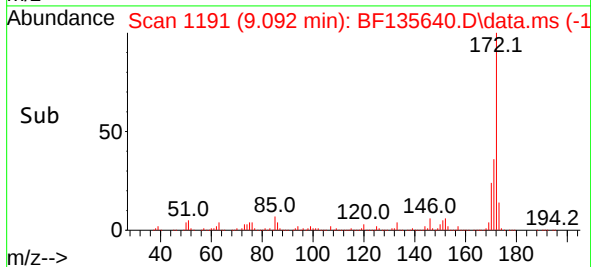
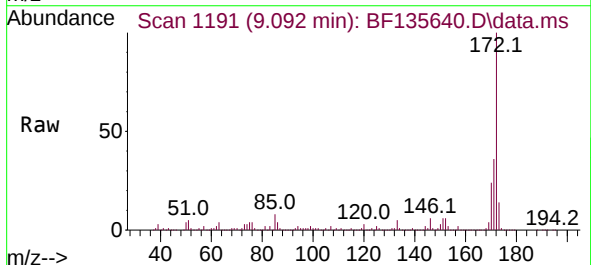
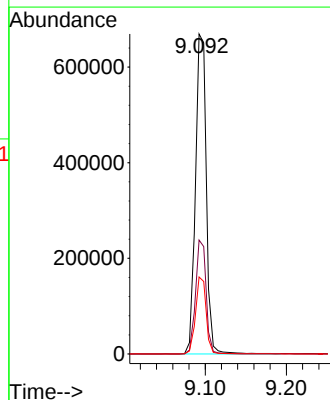
Tgt Ion:172 Resp: 626473

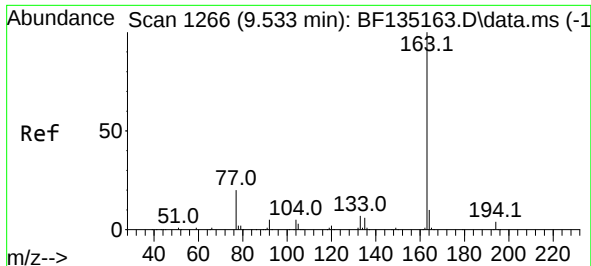
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.4

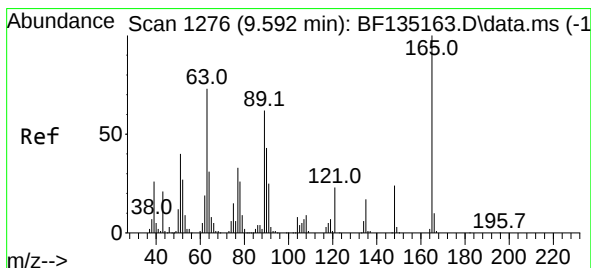
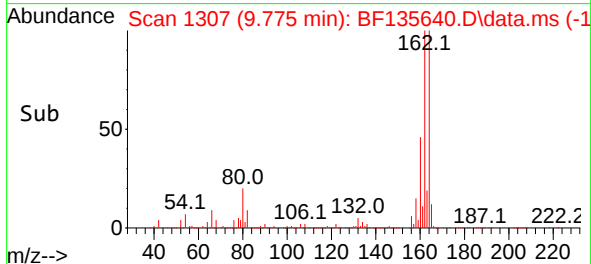
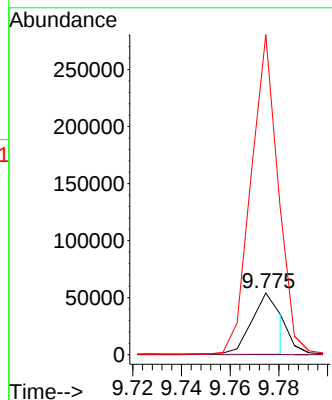
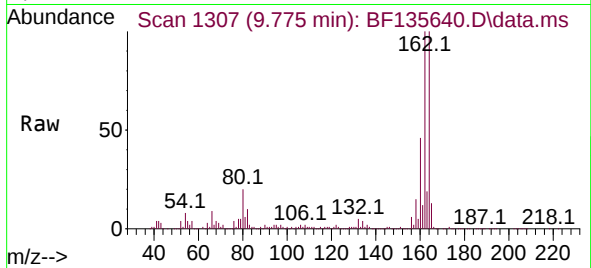




#50
Dimethylphthalate
Concen: 2.913 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

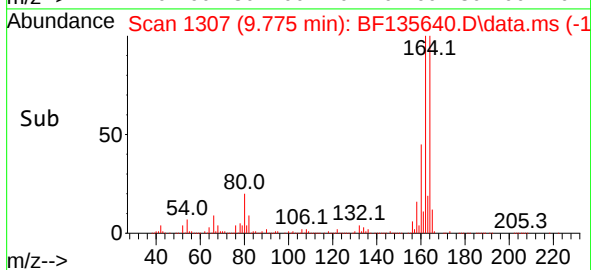
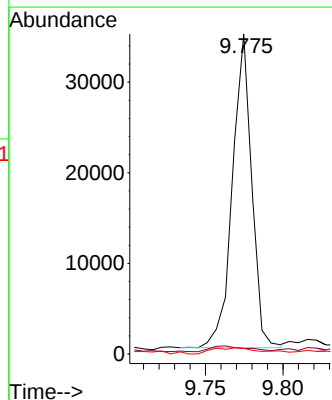
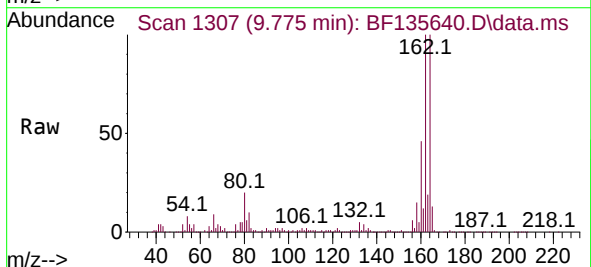
Instrument :
BNA_F
ClientSampleId :

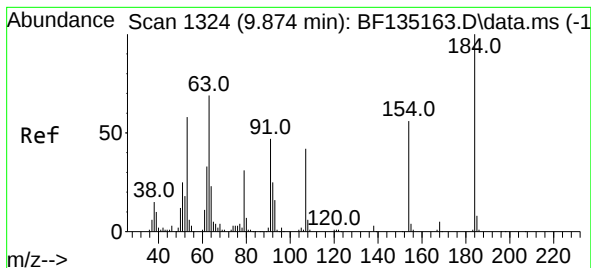
Tgt Ion:163 Resp: 43409
Ion Ratio Lower Upper
163 100
194 0.3 3.1 4.7#
164 519.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.163 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion:165 Resp: 29907
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.7 49.8 74.8#





#54

2,4-Dinitrophenol

Concen: 6.349 ng

RT: 9.992 min Scan# 11

Delta R.T. 0.130 min

Lab File: BF135640.D

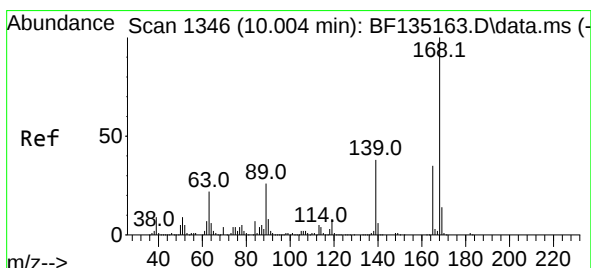
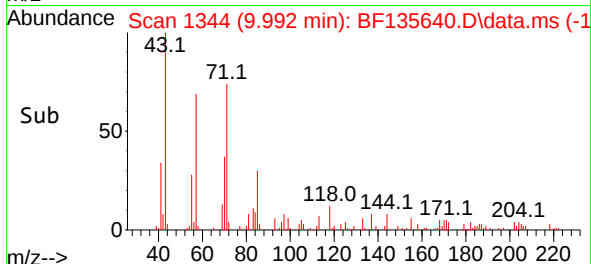
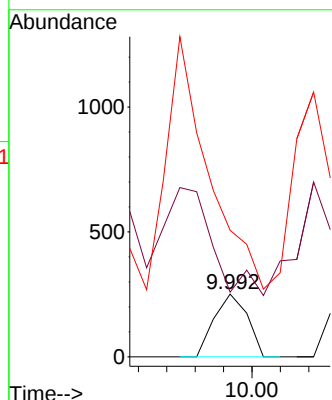
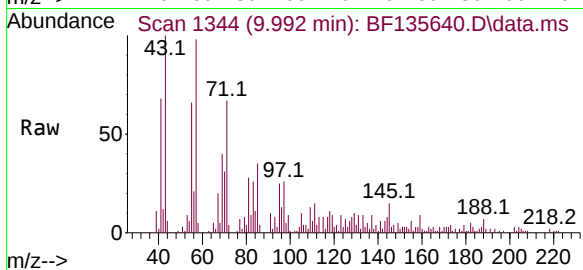
Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	204
Ion	Ratio	Lower Upper
184	100	
63	103.2	55.1 82.7#
154	202.0	48.4 72.6#



#57

2,4-Dinitrotoluene

Concen: 7.319 ng

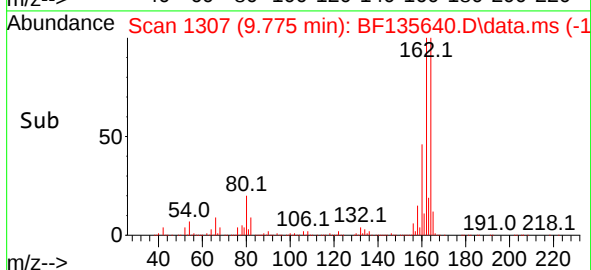
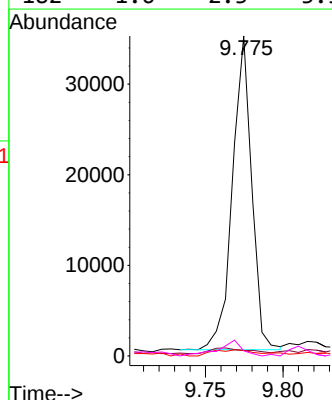
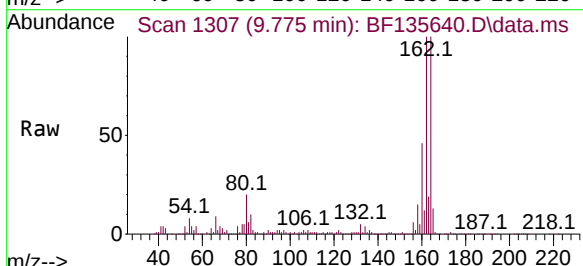
RT: 9.775 min Scan# 1307

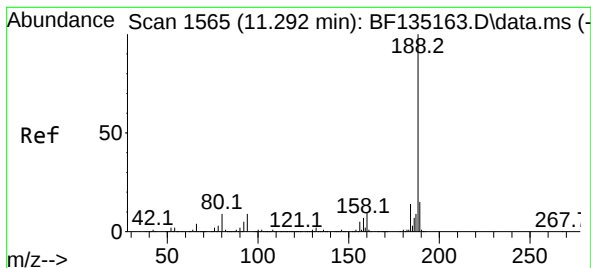
Delta R.T. -0.212 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Tgt Ion:165	Resp:	29907
Ion	Ratio	Lower Upper
165	100	
63	1.7	50.1 75.1#
89	1.7	59.3 88.9#
182	1.6	2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :

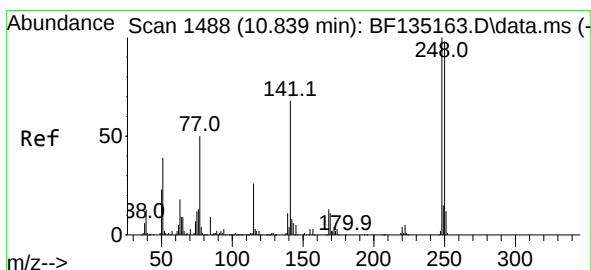
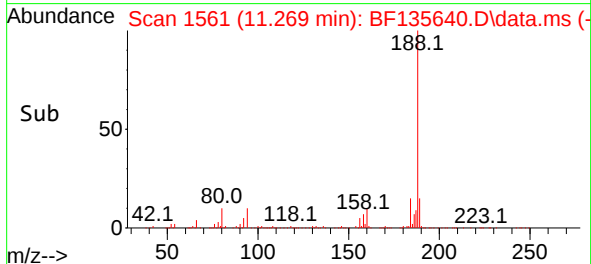
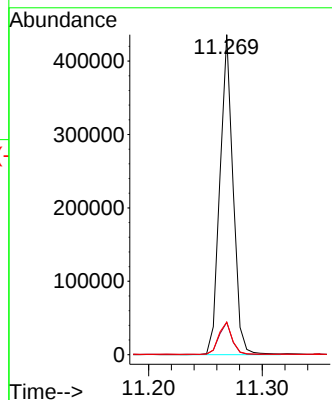
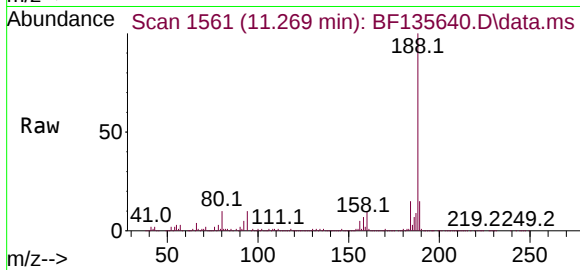
Tgt Ion:188 Resp: 351775

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.030 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

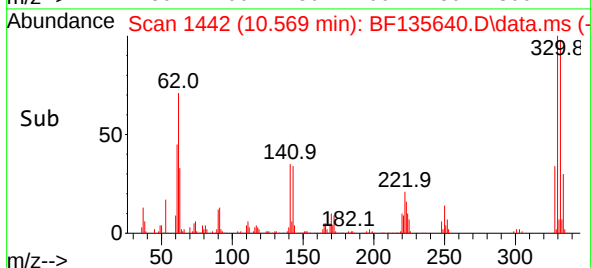
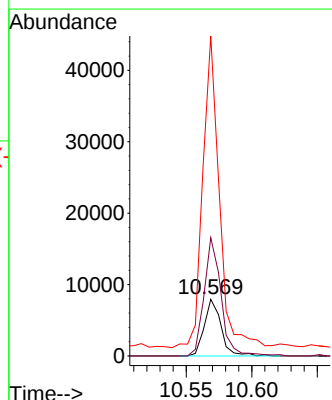
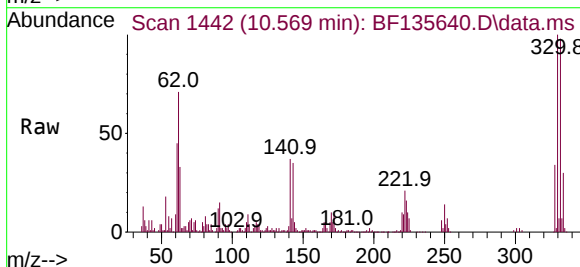
Tgt Ion:248 Resp: 7103

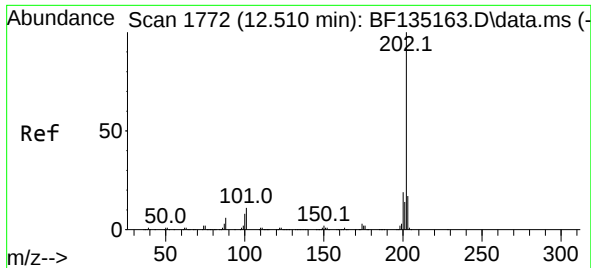
Ion Ratio Lower Upper

248 100

250 208.4 78.6 117.8#

141 564.1 54.2 81.2#

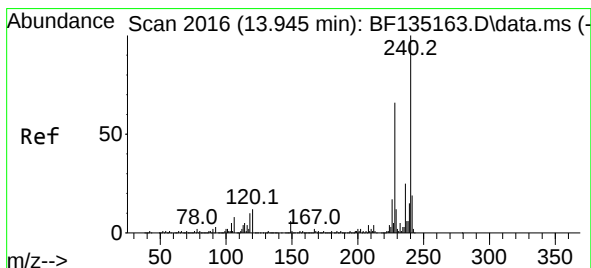
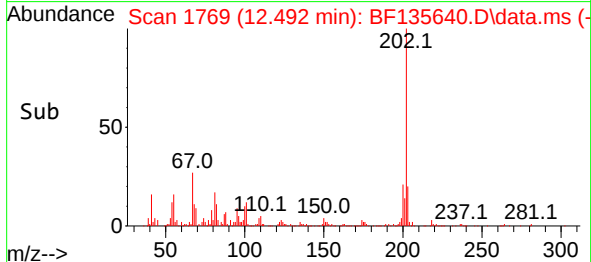
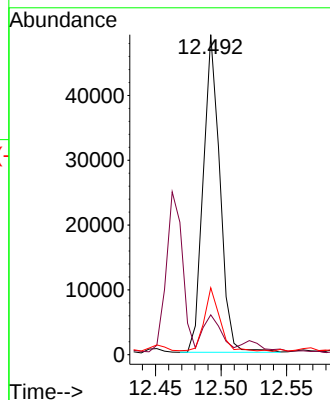
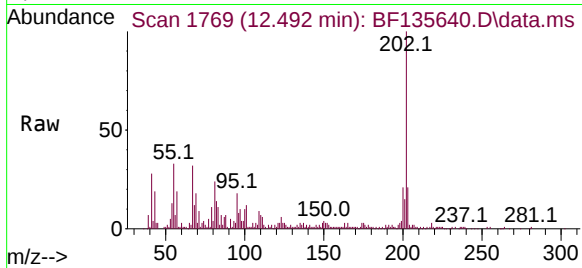




#75
Fluoranthene
Concen: 2.515 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

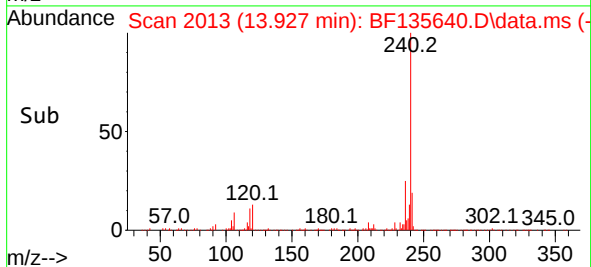
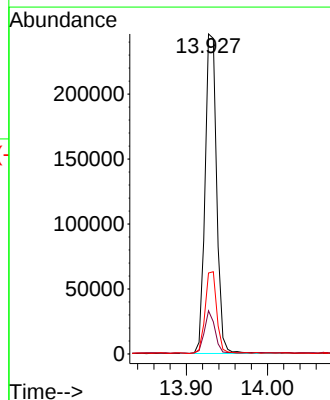
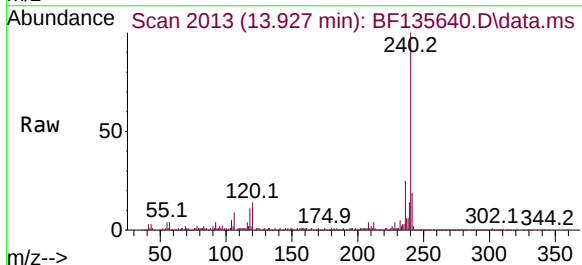
Instrument :
BNA_F
ClientSampleId :

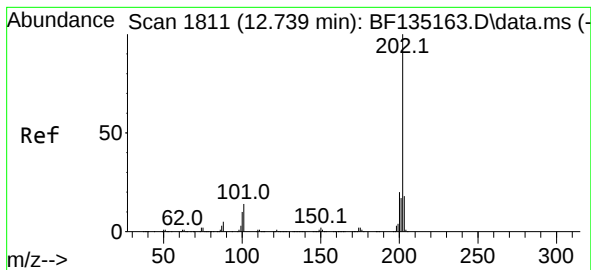
Tgt Ion:202 Resp: 43606
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.3
203 20.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135640.D
Acq: 06 Oct 2023 21:05

Tgt Ion:240 Resp: 243246
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 25.3 19.8 29.8





#78

Pyrene

Concen: 2.029 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.006 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :

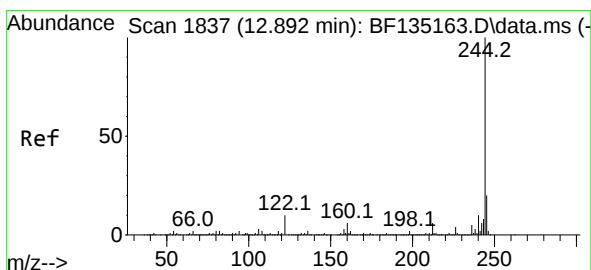
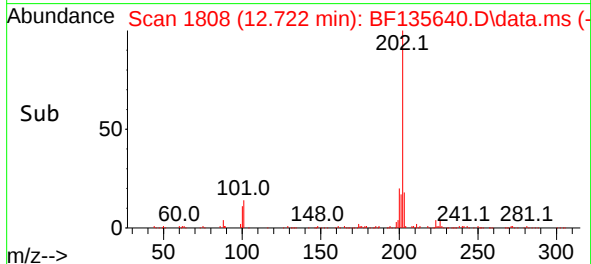
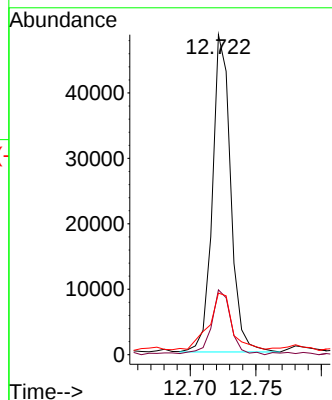
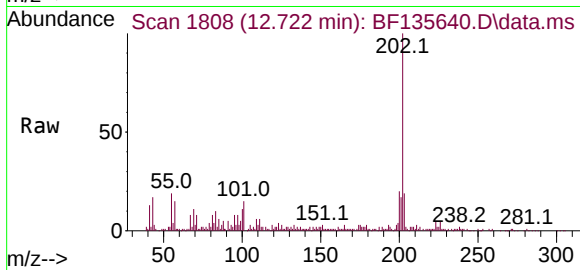
Tgt Ion:202 Resp: 46997

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 19.3 14.2 21.4



#79

Terphenyl-d14

Concen: 34.608 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

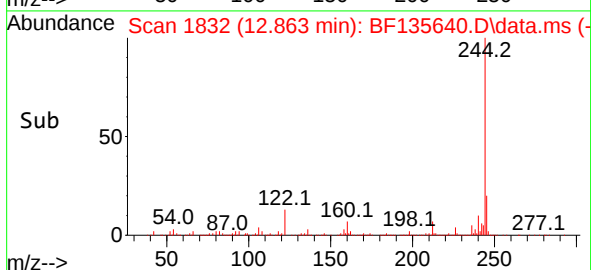
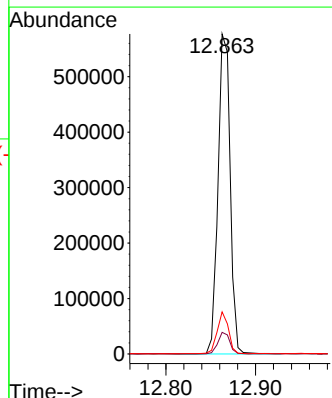
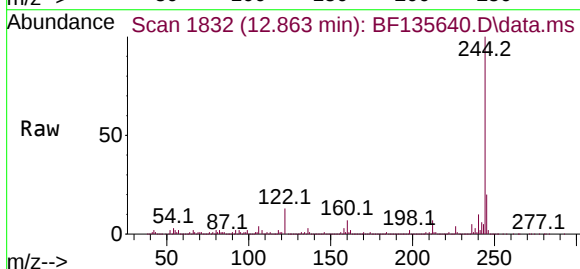
Tgt Ion:244 Resp: 543052

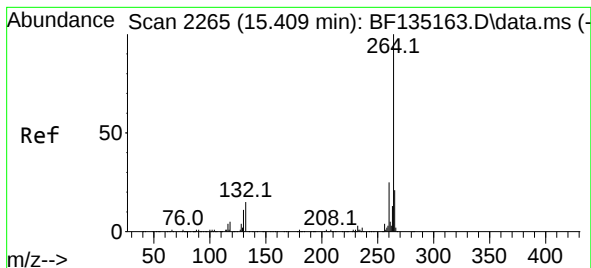
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 13.2 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135640.D

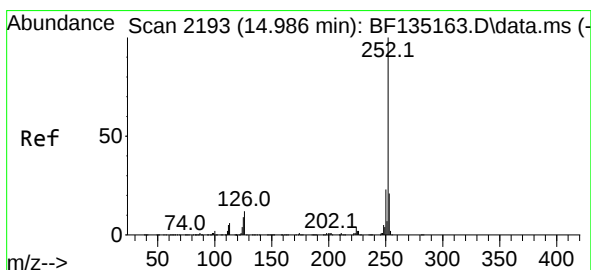
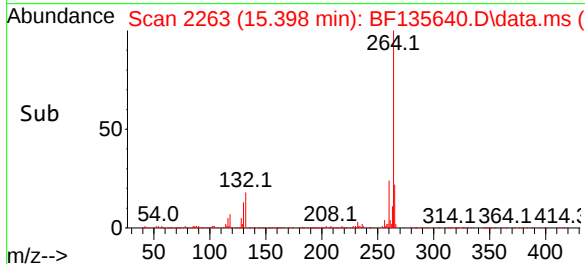
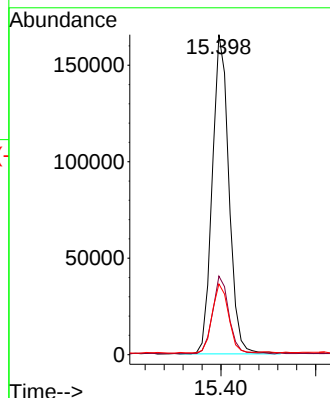
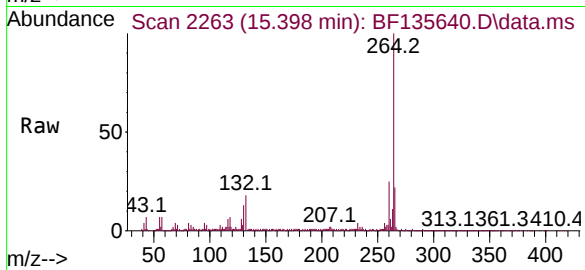
Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:264	Resp:	201236
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.8 29.6
265	22.1	17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.309 ng

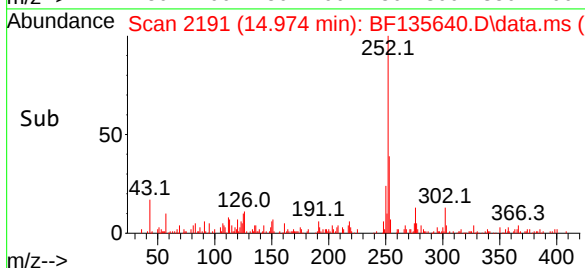
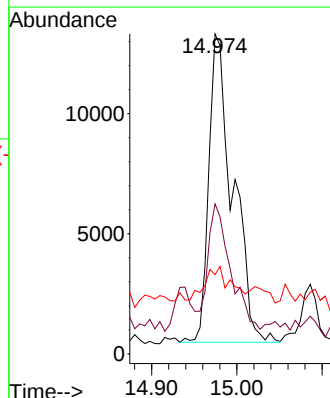
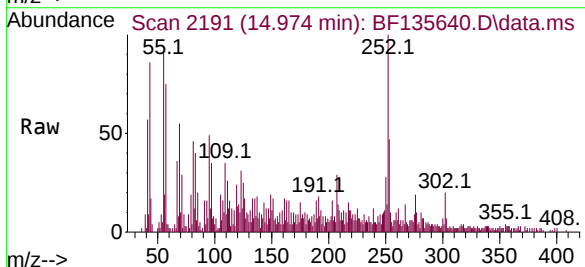
RT: 14.974 min Scan# 2191

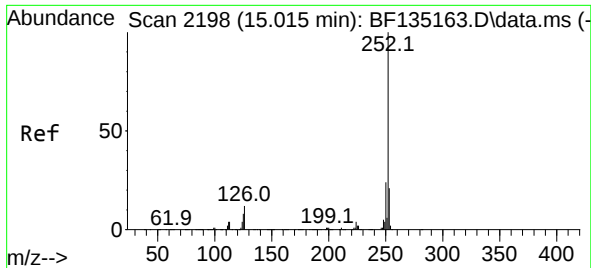
Delta R.T. 0.012 min

Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Tgt Ion:252	Resp:	25157
Ion Ratio	Lower	Upper
252	100	
253	46.9	17.2 25.8#
125	24.8	7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.338 ng

RT: 14.974 min Scan# 21

Delta R.T. -0.018 min

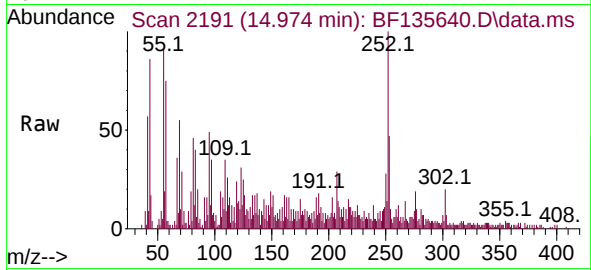
Lab File: BF135640.D

Acq: 06 Oct 2023 21:05

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 25157

Ion Ratio Lower Upper

252 100

253 46.9 17.4 26.0#

125 24.8 7.2 10.8#

