

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135481.D
 Acq On : 27 Sep 2023 19:36
 Operator : CG\JU
 Sample : 04601-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Sep 28 01:52:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

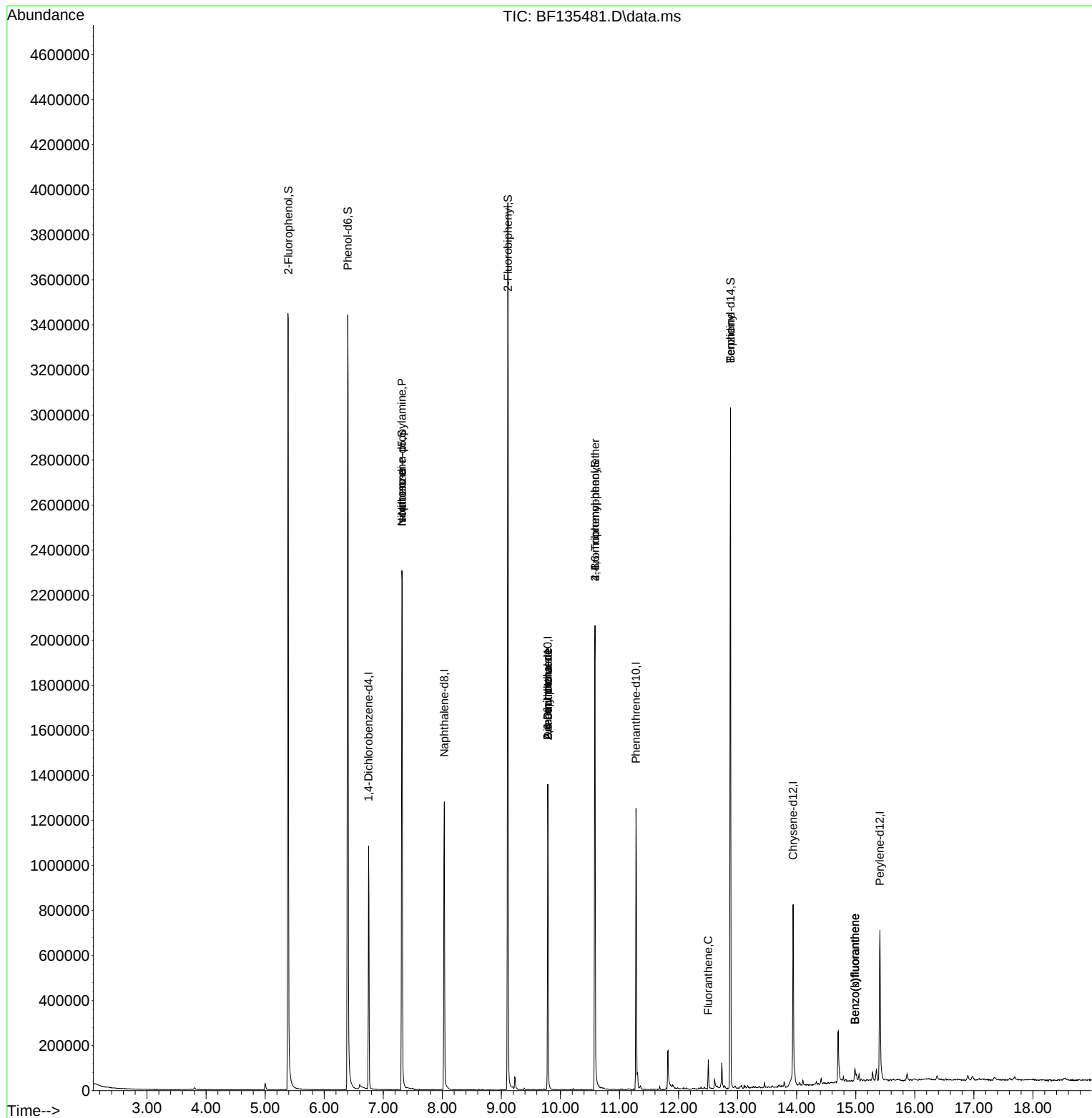
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	156504	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	580590	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	275698	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	475131	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	244091	20.000	ng	0.00
86) Perylene-d12	15.410	264	305214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1050635	109.186	ng	0.01
7) Phenol-d6	6.398	99	1344960	109.923	ng	0.00
23) Nitrobenzene-d5	7.316	82	822144	76.933	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	252050	91.997	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1326653	72.599	ng	0.00
79) Terphenyl-d14	12.880	244	1056890	67.122	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	107509	14.186	ng	# 83
25) Isophorone	7.316	82	822138	41.896	ng	# 65
50) Dimethylphthalate	9.786	163	49600	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	35277	8.639	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	35272	6.900	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	16624	3.518	ng	# 1
75) Fluoranthene	12.504	202	49481	2.113	ng	98
77) Benzidine	12.880	184	13242	2.648	ng	# 93
88) Benzo(b)fluoranthene	14.986	252	38841	2.351	ng	# 93
89) Benzo(k)fluoranthene	14.986	252	38841	2.380	ng	# 94

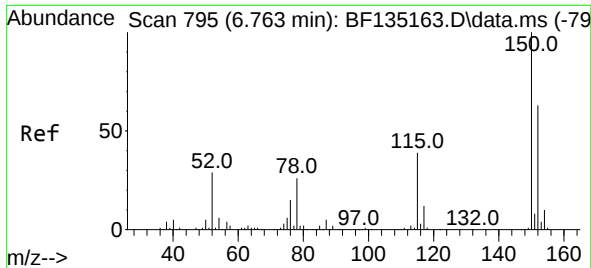
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

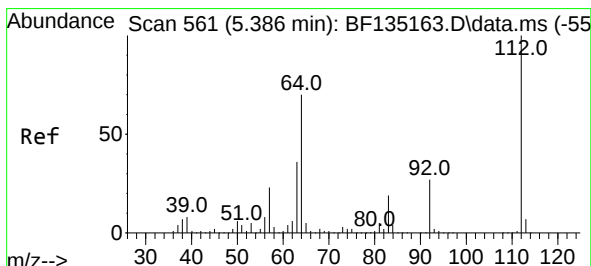
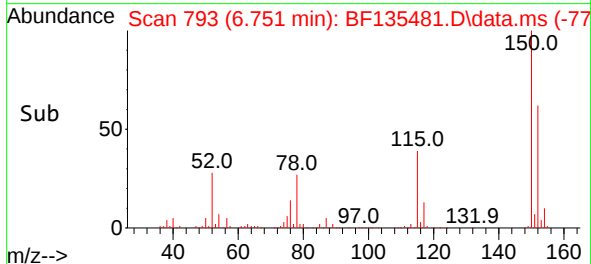
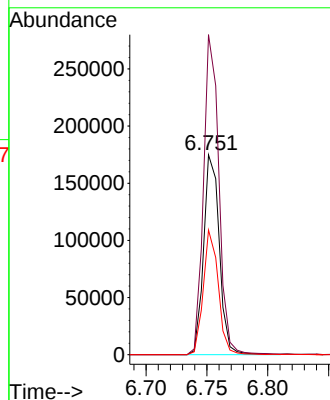
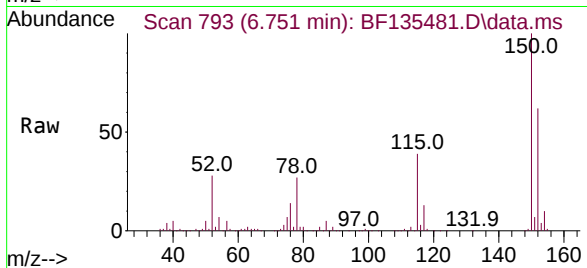




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

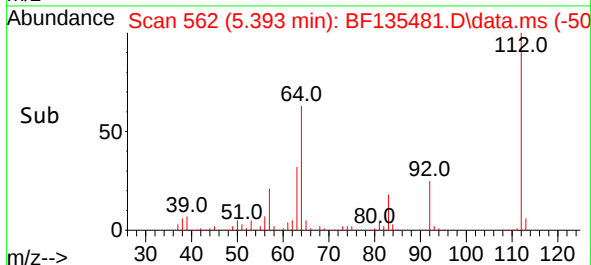
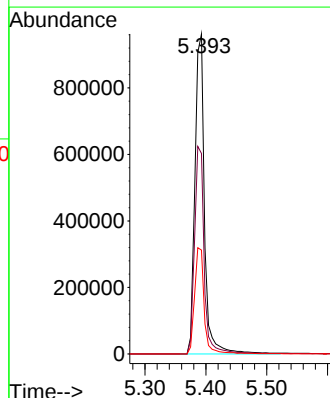
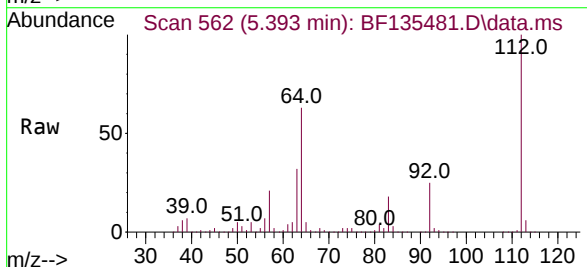
Instrument :
BNA_F
ClientSampleId :
TP-1

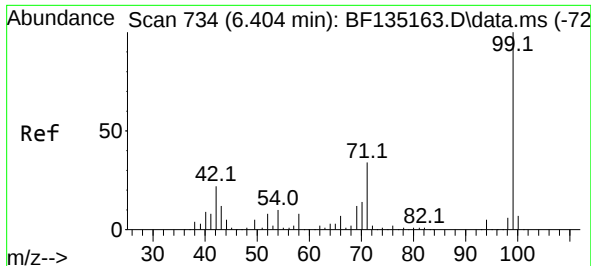
Tgt Ion:152 Resp: 156504
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 62.3 49.8 74.8



#5
2-Fluorophenol
Concen: 109.186 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:112 Resp: 1050635
Ion Ratio Lower Upper
112 100
64 62.7 55.9 83.9
63 32.4 29.0 43.6

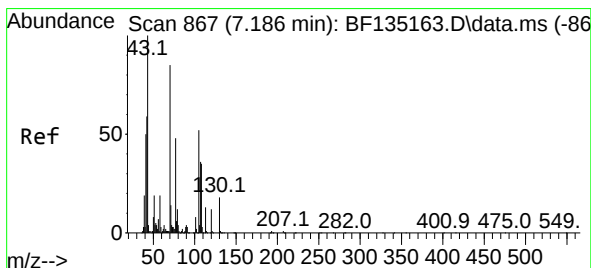
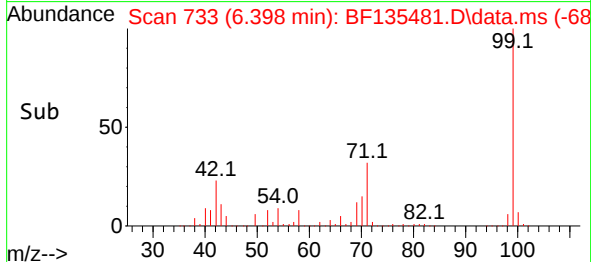
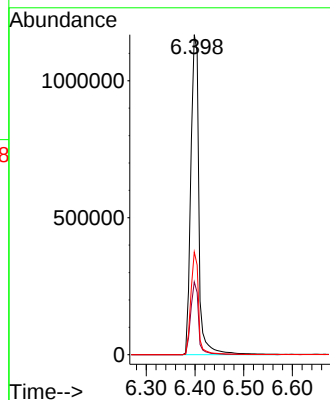
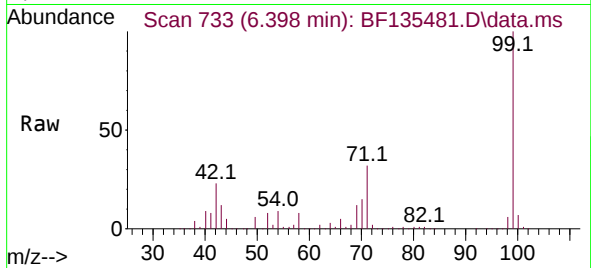




#7
Phenol-d6
Concen: 109.923 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

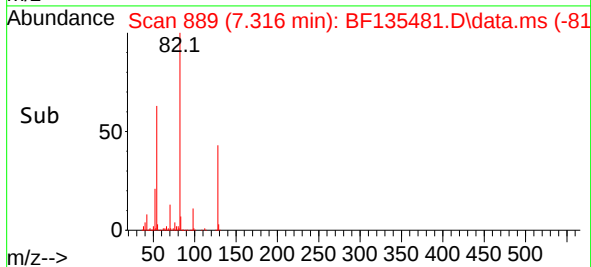
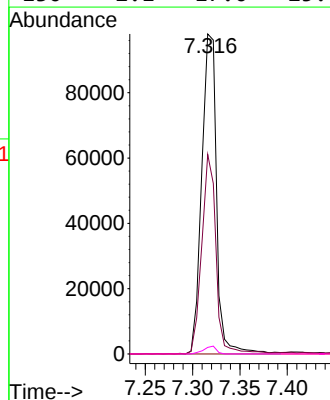
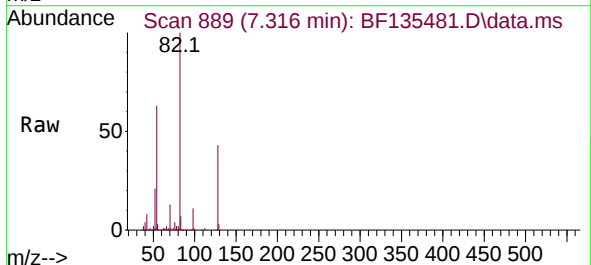
Instrument :
BNA_F
ClientSampleId :
TP-1

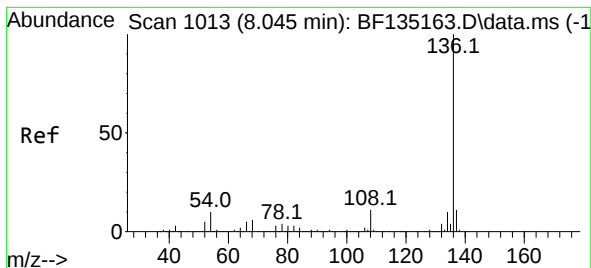
Tgt Ion: 99 Resp: 1344960
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 32.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.186 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 70 Resp: 107509
Ion Ratio Lower Upper
70 100
42 62.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:136 Resp: 580590

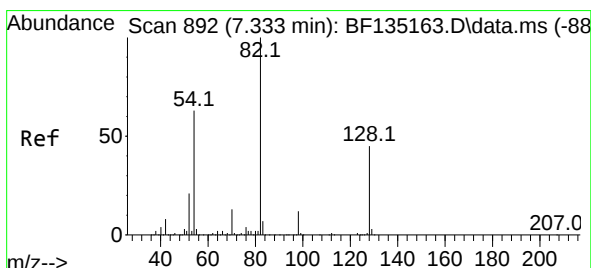
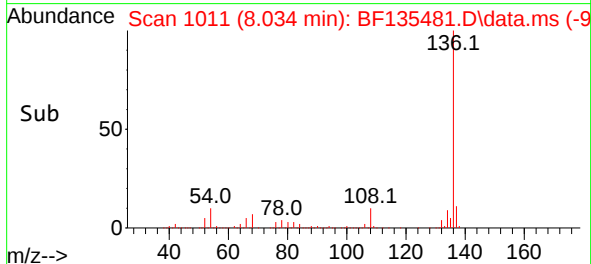
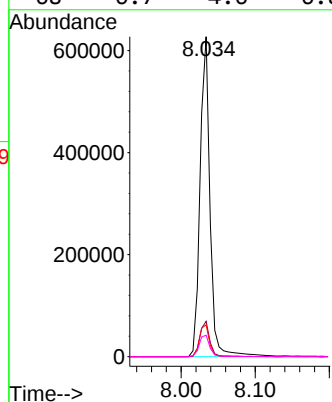
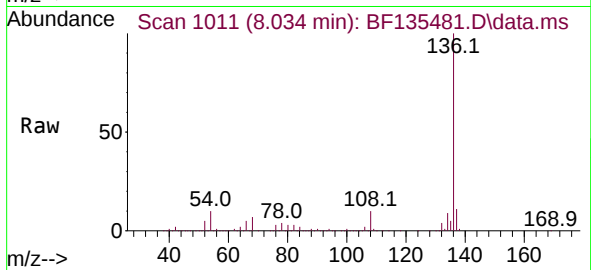
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.7 11.5

68 6.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 76.933 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

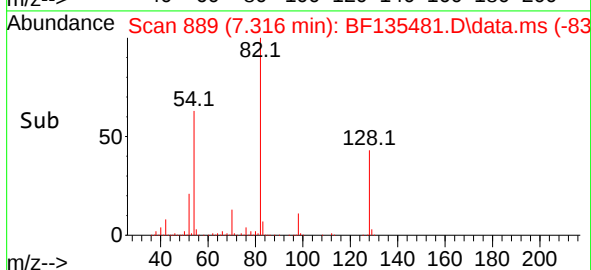
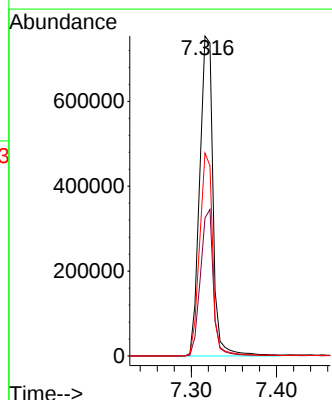
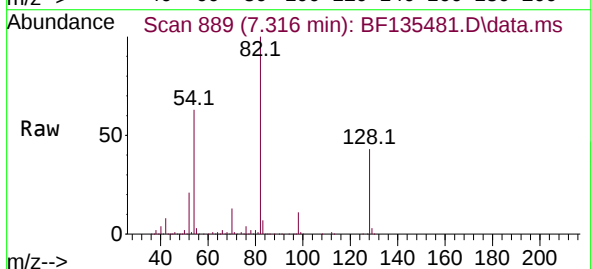
Tgt Ion: 82 Resp: 822144

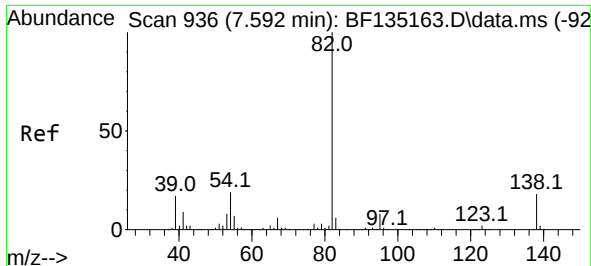
Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

54 63.4 50.6 76.0

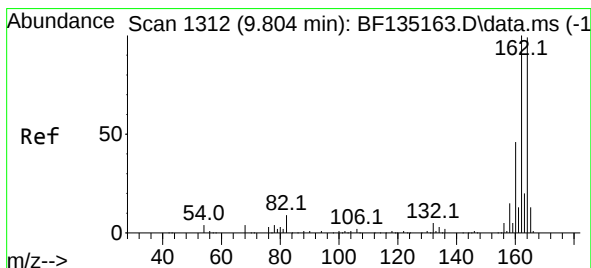
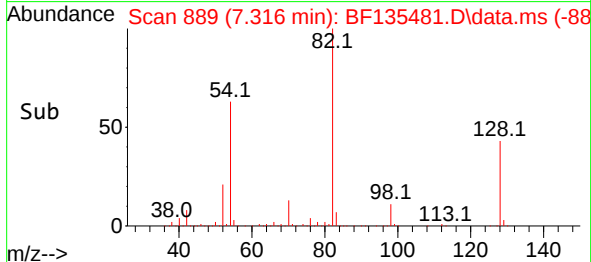
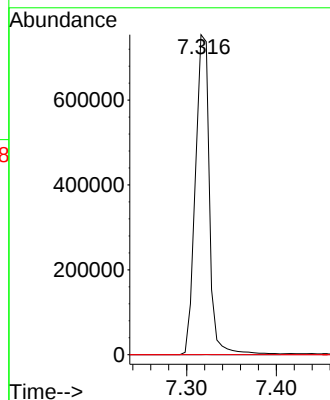
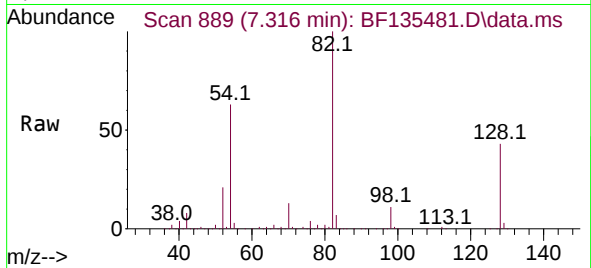




#25
Isophorone
Concen: 41.896 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

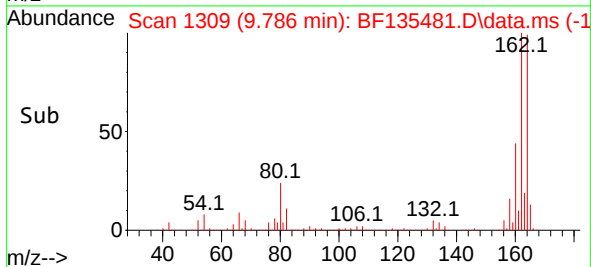
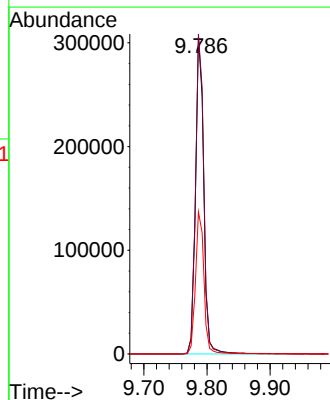
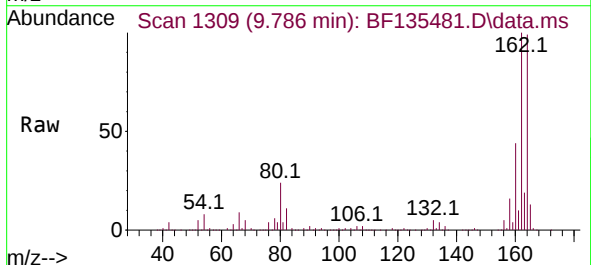
Instrument :
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ClientSampleId :
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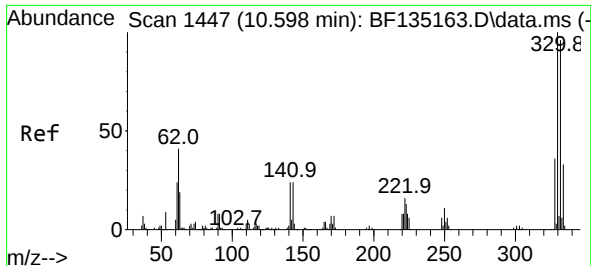
Tgt Ion: 82 Resp: 822138
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:164 Resp: 275698
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.8 37.0 55.4

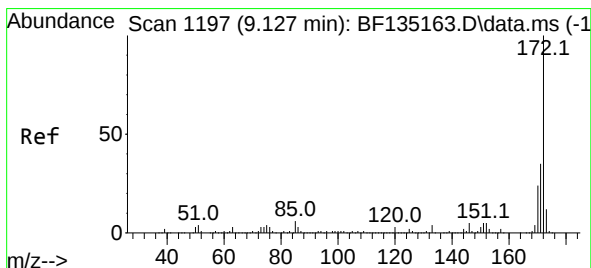
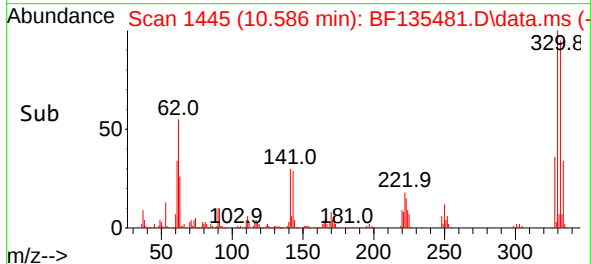
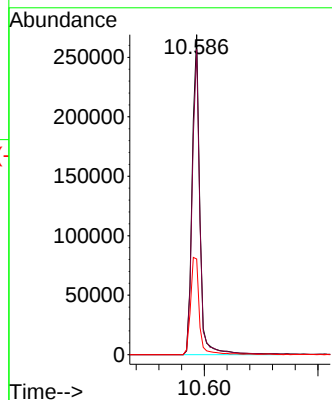
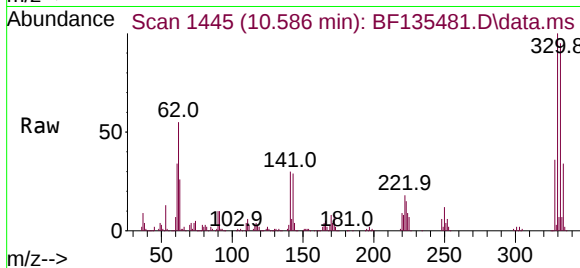




#42
2,4,6-Tribromophenol
Concen: 91.997 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

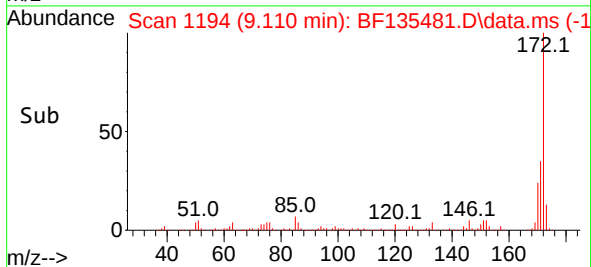
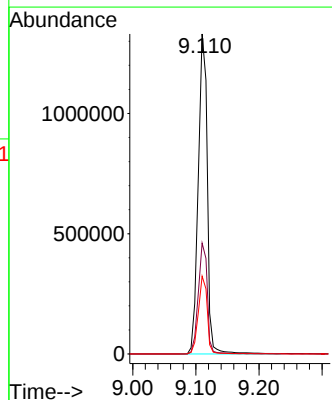
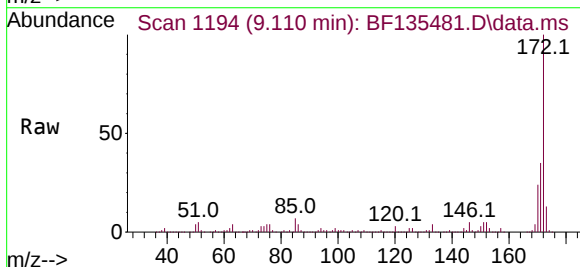
Instrument :
BNA_F
ClientSampleId :
TP-1

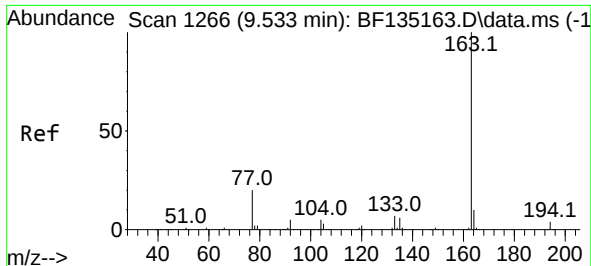
Tgt Ion:330 Resp: 252050
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:172 Resp: 1326653
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 24.3 19.0 28.4

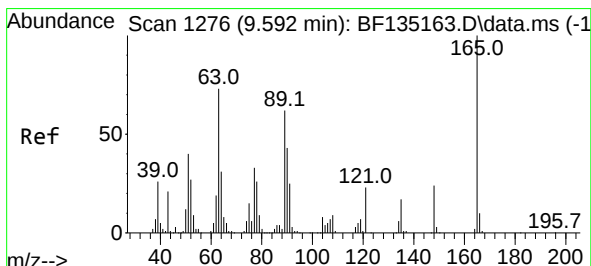
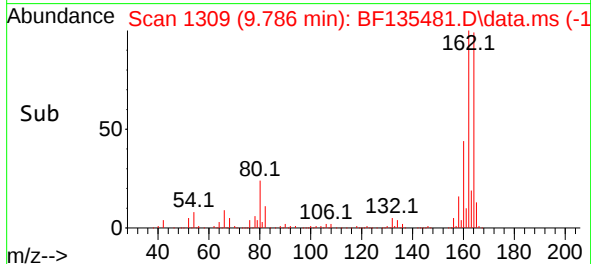
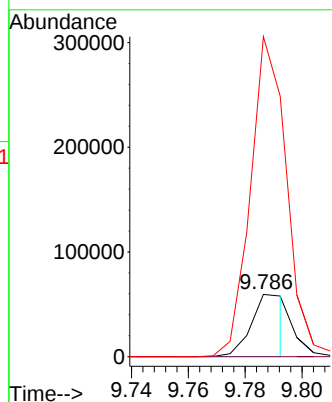
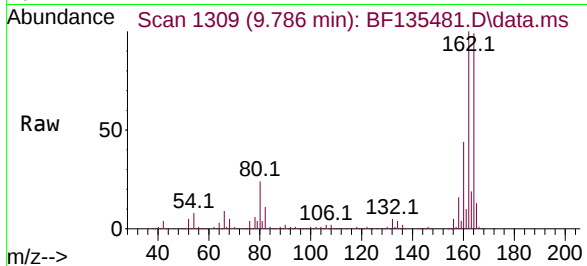




#50
Dimethylphthalate
Concen: 2.661 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

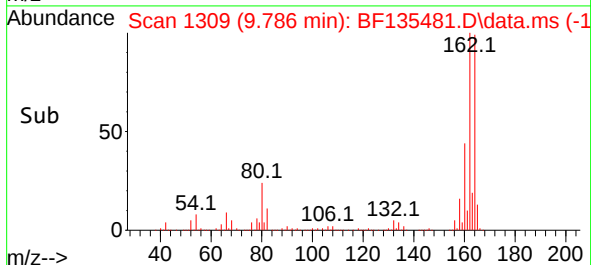
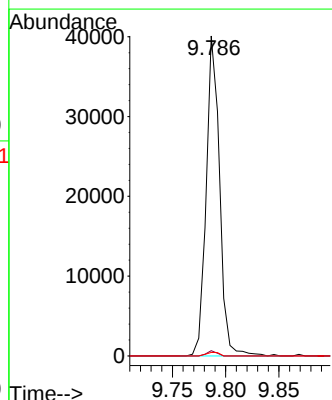
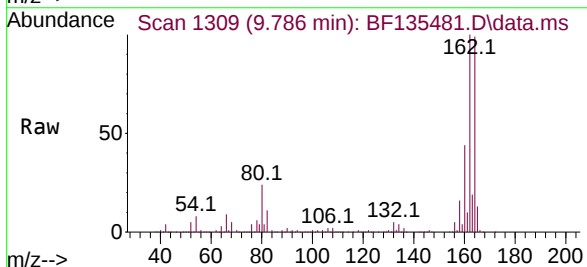
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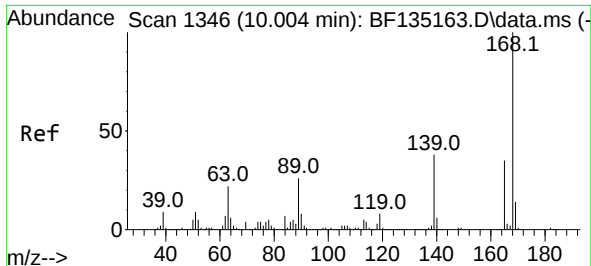
Tgt Ion:163 Resp: 49600
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 513.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:165 Resp: 35277
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.1 49.8 74.8#

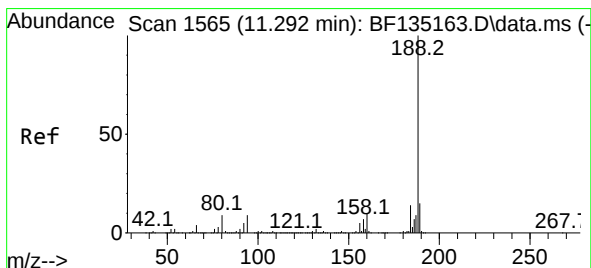
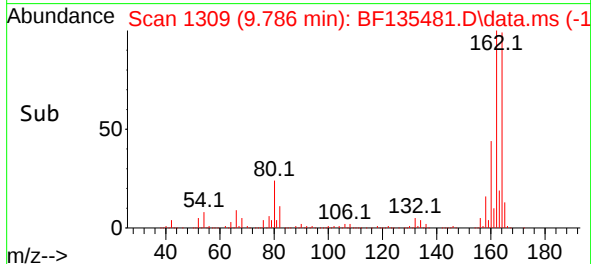
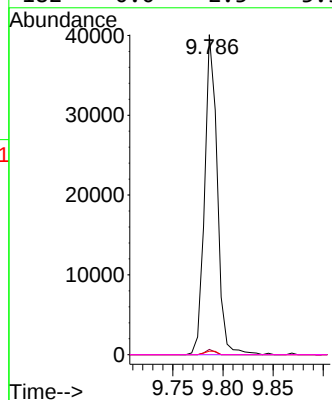
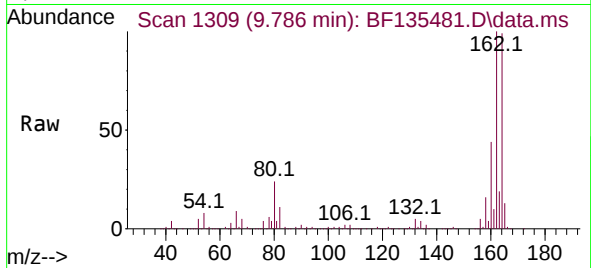




#57
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

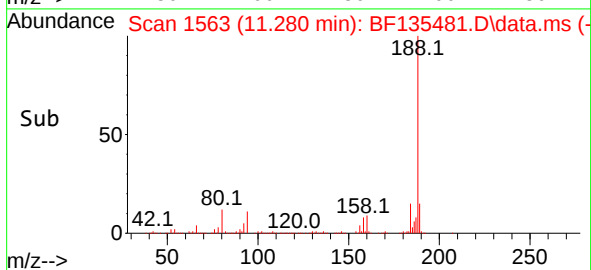
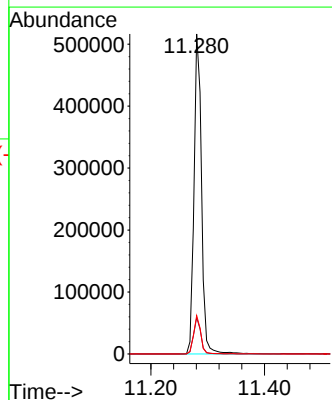
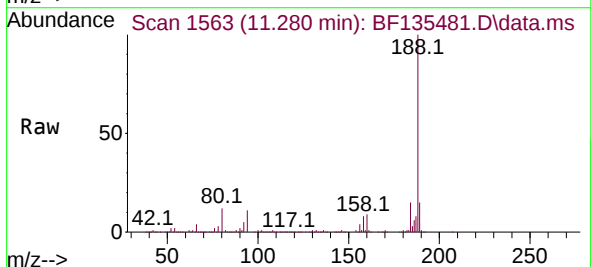
Instrument :
BNA_F
ClientSampleId :
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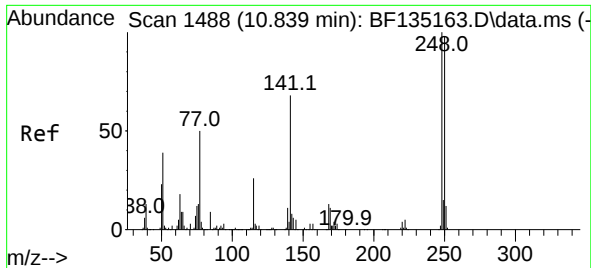
Tgt Ion:165 Resp: 35272
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:188 Resp: 475131
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.0 7.5 11.3#

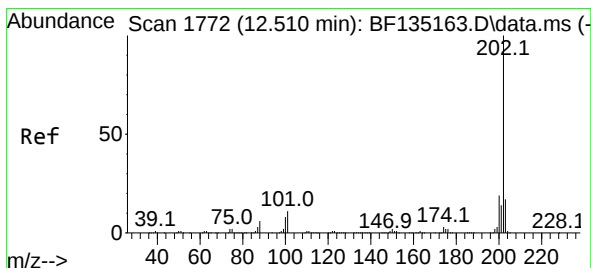
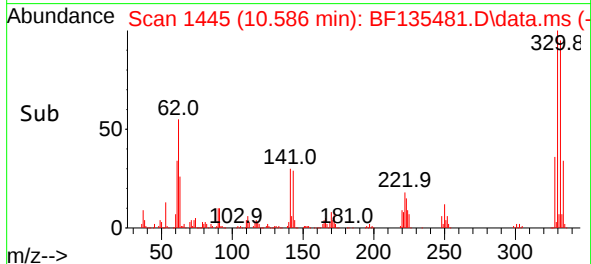
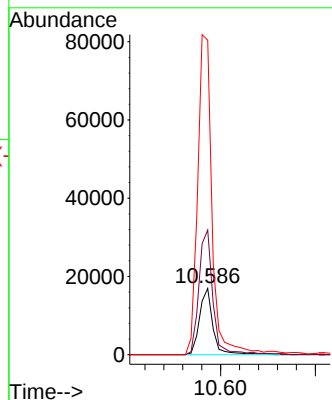
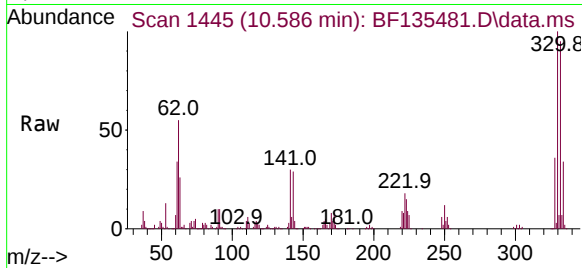




#67
4-Bromophenyl-phenylether
Concen: 3.518 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

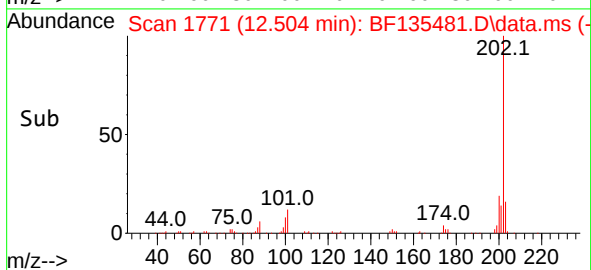
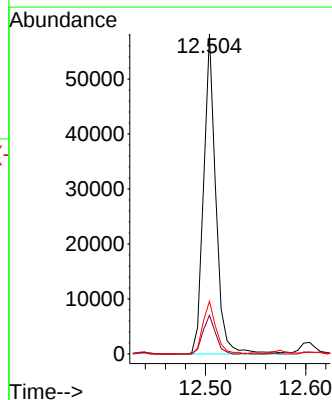
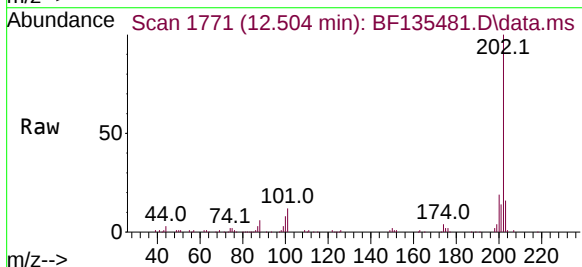
Instrument :
BNA_F
ClientSampleId :
TP-1

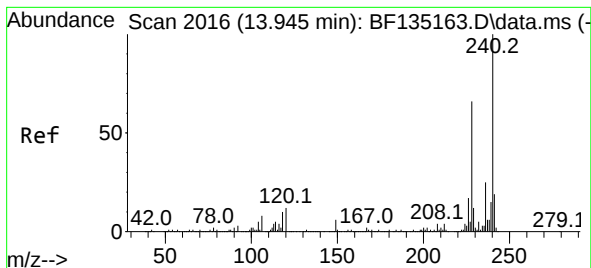
Tgt Ion:248 Resp: 16624
Ion Ratio Lower Upper
248 100
250 188.2 78.6 117.8#
141 474.8 54.2 81.2#



#75
Fluoranthene
Concen: 2.113 ng
RT: 12.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:202 Resp: 49481
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 16.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP-1

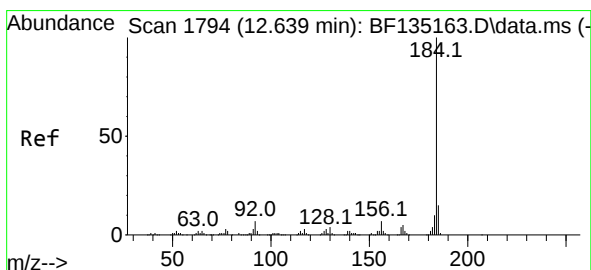
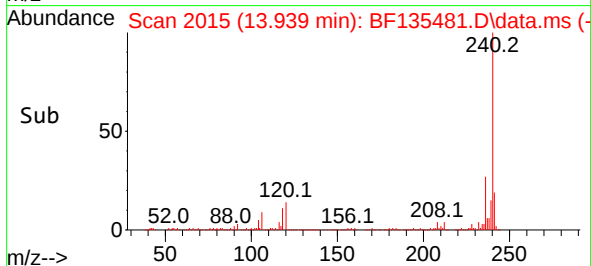
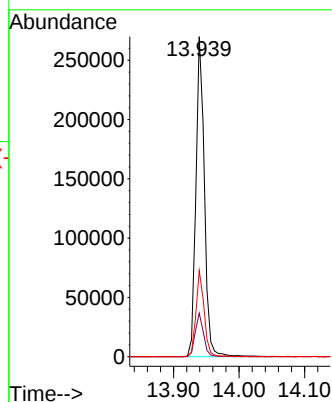
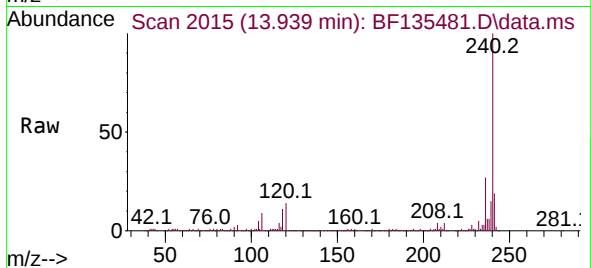
Tgt Ion:240 Resp: 244091

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

236 26.9 19.8 29.8



#77

Benzidine

Concen: 2.648 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

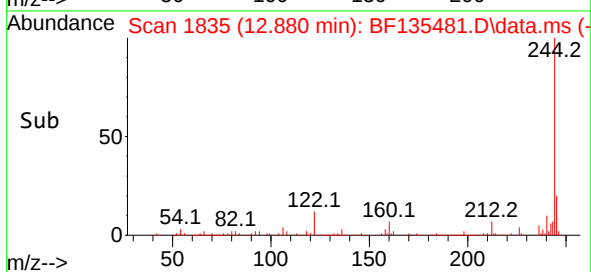
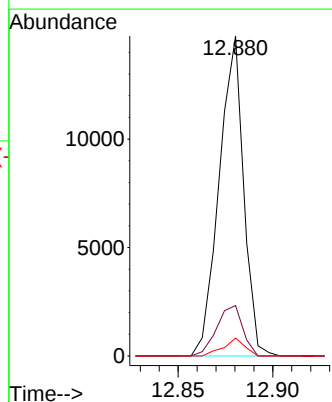
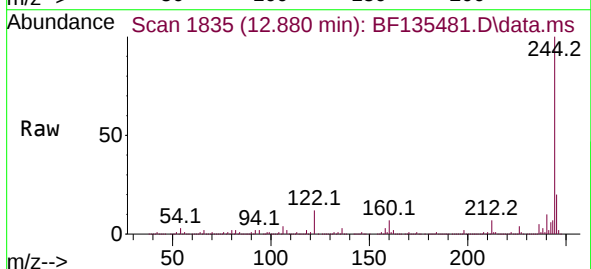
Tgt Ion:184 Resp: 13242

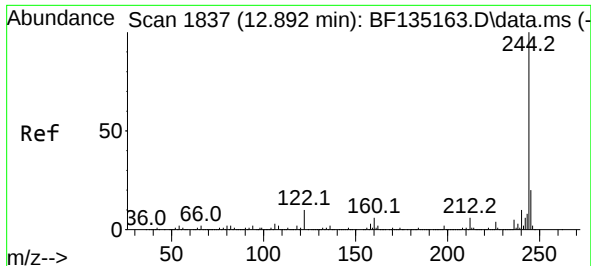
Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

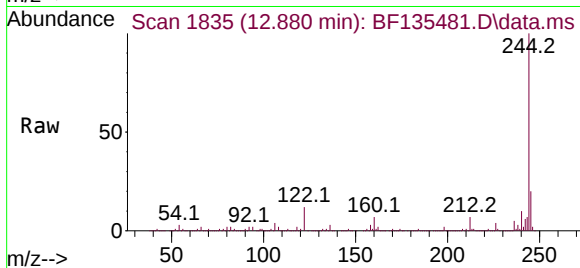
183 5.6 8.2 12.4#



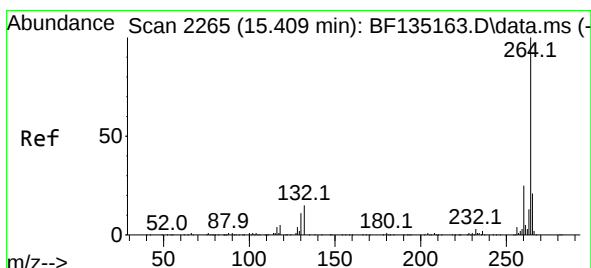
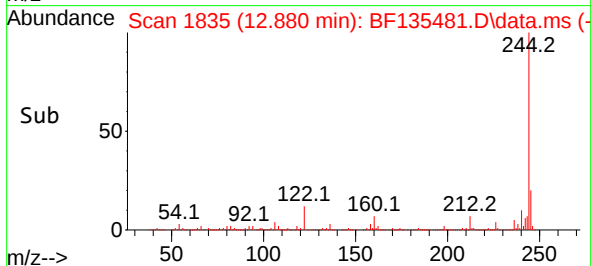
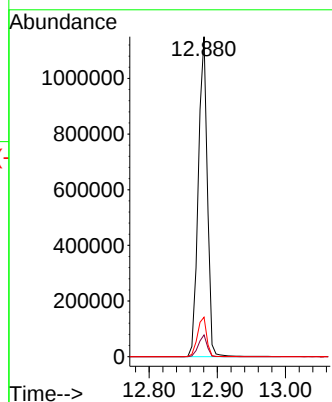


#79
 Terphenyl-d14
 Concen: 67.122 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

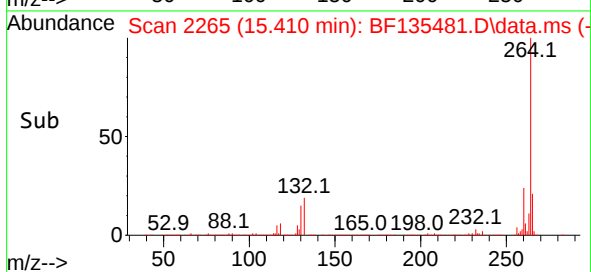
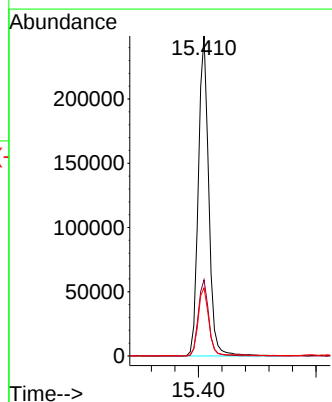
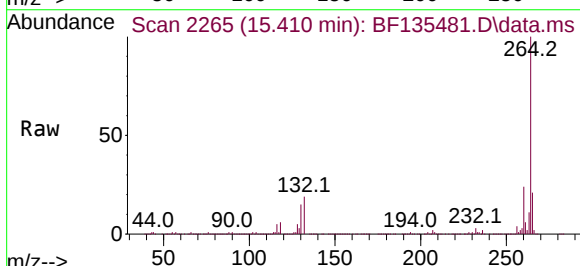


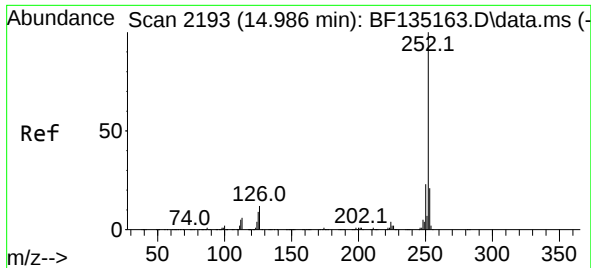
Tgt Ion:244 Resp: 1056890
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.3 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

Tgt Ion:264 Resp: 305214
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.3 17.0 25.4

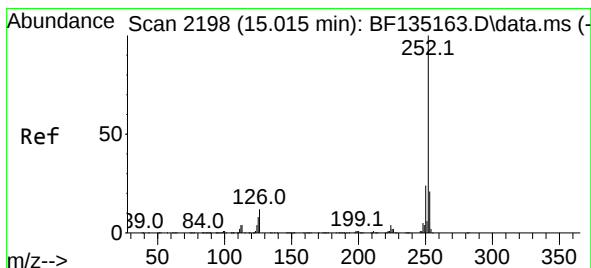
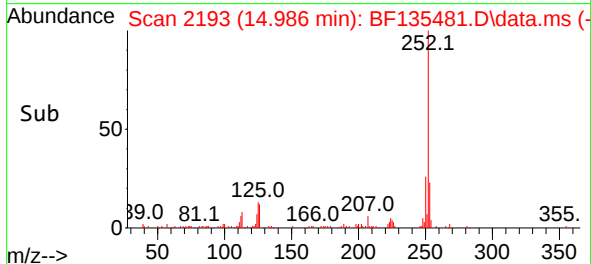
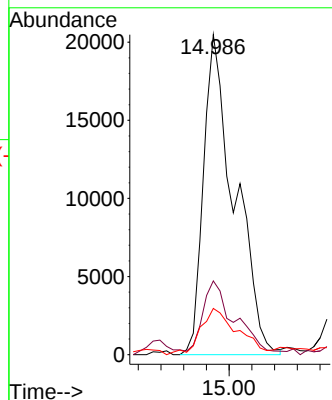
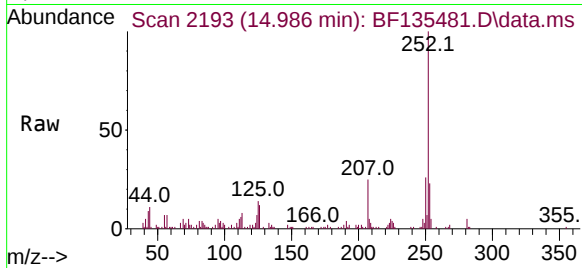




#88
Benzo(b)fluoranthene
Concen: 2.351 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 38841
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 14.4 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 2.380 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.024 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:252 Resp: 38841
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 14.4 7.2 10.8#

