

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130554.D
 Acq On : 06 Oct 2022 17:00
 Operator : CG\JU
 Sample : N5000-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5486-4

Quant Time: Oct 07 02:11:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

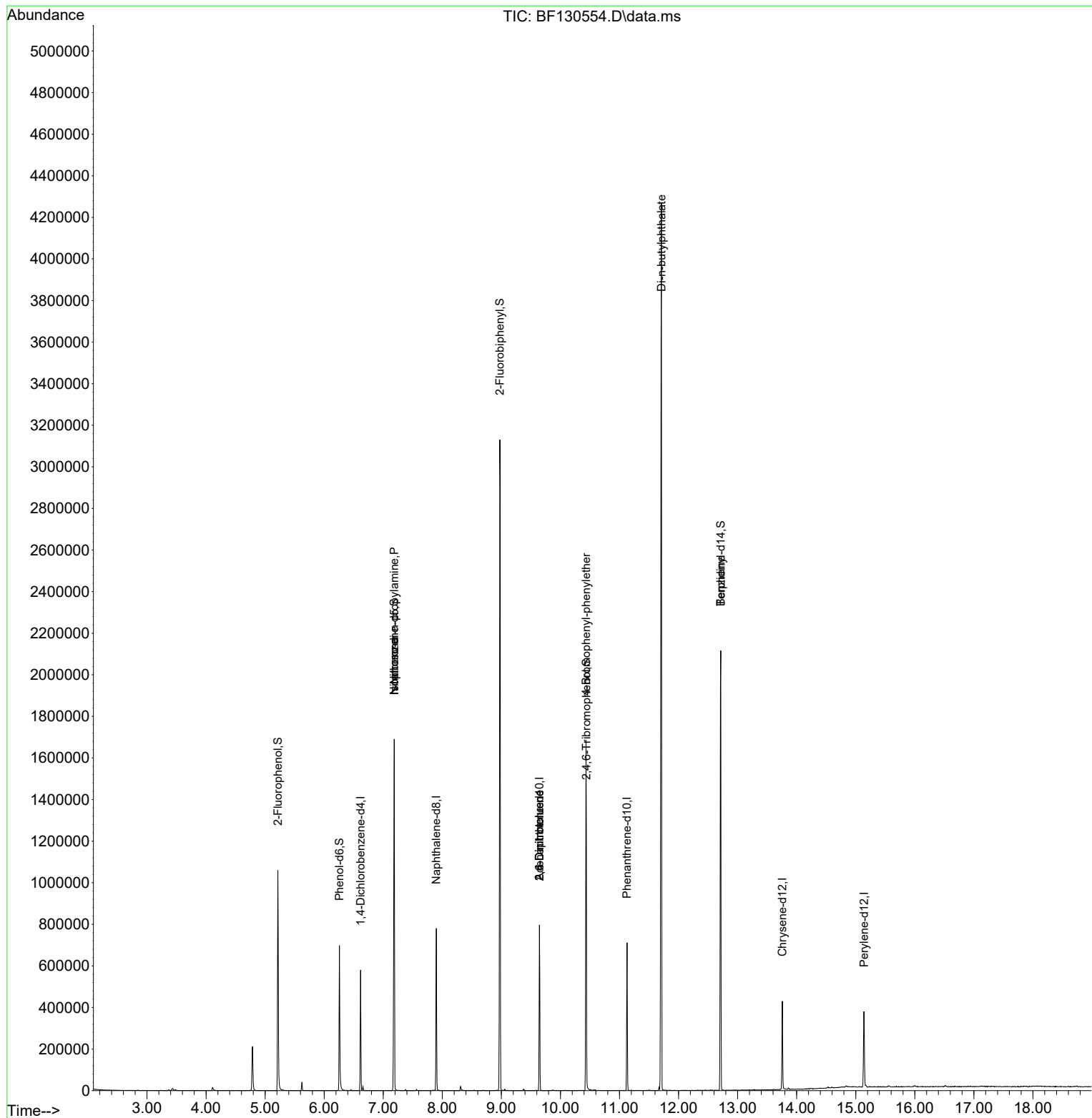
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	75758	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	301507	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	151665	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	227876	20.000	ng	0.00
76) Chrysene-d12	13.757	240	129538	20.000	ng	0.00
86) Perylene-d12	15.139	264	146012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	291106	66.648	ng	0.00
7) Phenol-d6	6.257	99	209774	38.384	ng	-0.01
23) Nitrobenzene-d5	7.186	82	534429	90.556	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	186089	128.051	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	990980	95.148	ng	0.00
79) Terphenyl-d14	12.716	244	709265	90.699	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.186	70	72042	19.535	ng	# 74
25) Isophorone	7.186	82	534418	56.183	ng	# 66
51) 2,6-Dinitrotoluene	9.645	165	19333	8.824	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	19333	6.904	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	10990	4.372	ng	# 1
74) Di-n-butylphthalate	11.710	149	2267074	168.725	ng	99
77) Benzidine	12.716	184	10025	2.666	ng	# 94

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

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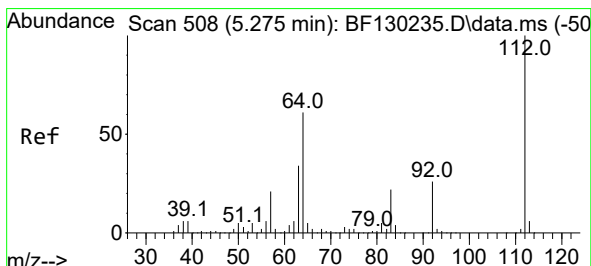
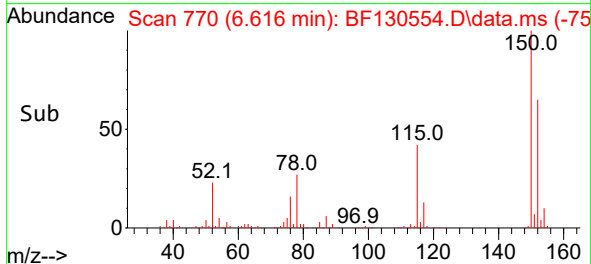
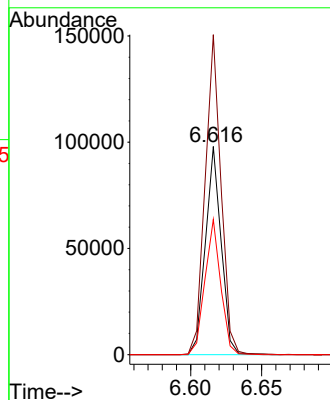
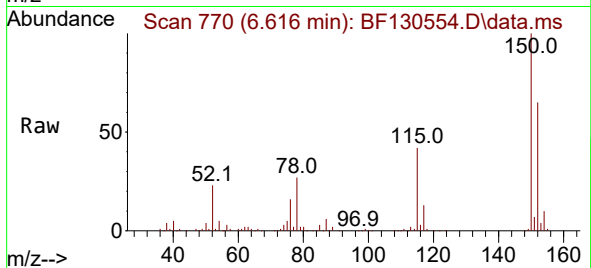




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

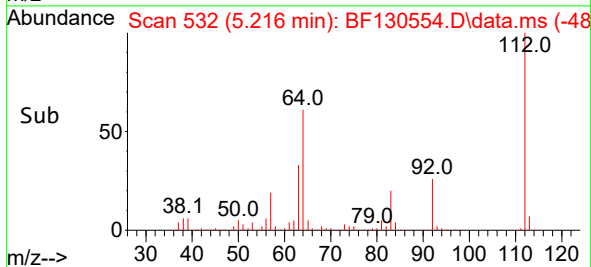
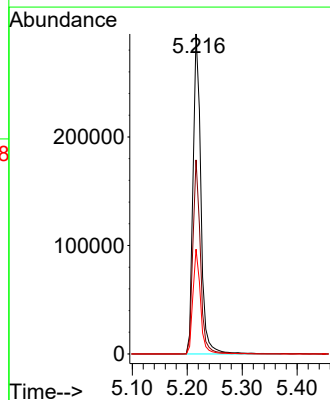
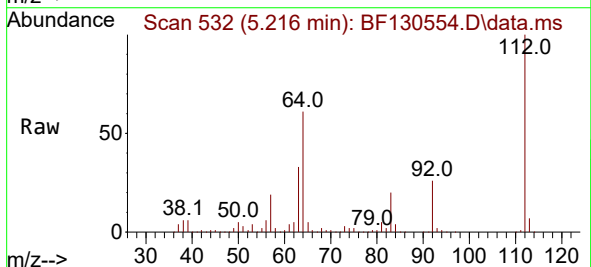
Instrument :
BNA_F
ClientSampleId :
5486-4

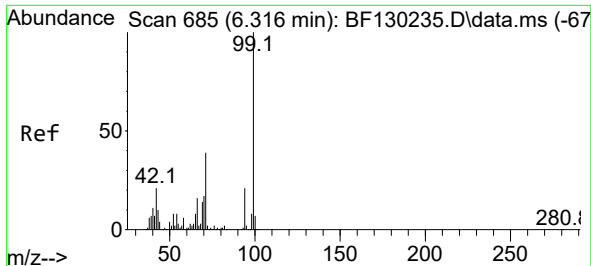
Tgt Ion:152 Resp: 75758
Ion Ratio Lower Upper
152 100
150 153.7 122.8 184.2
115 64.9 53.8 80.8



#5
2-Fluorophenol
Concen: 66.648 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion:112 Resp: 291106
Ion Ratio Lower Upper
112 100
64 60.7 51.4 77.0
63 32.7 28.8 43.2

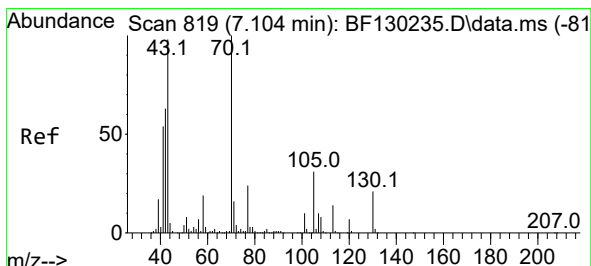
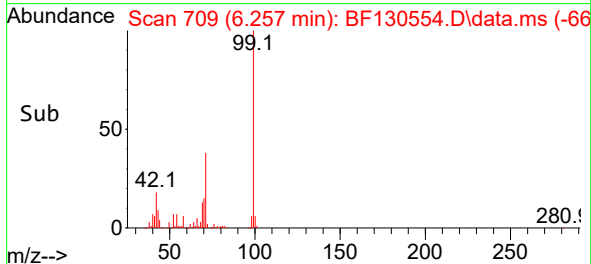
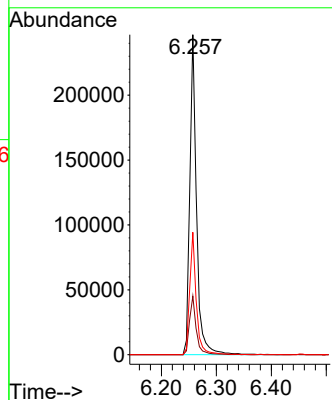
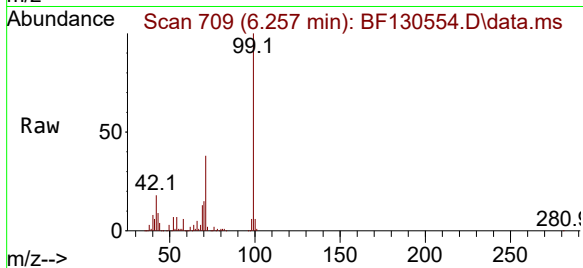




#7
Phenol-d6
Concen: 38.384 ng
RT: 6.257 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

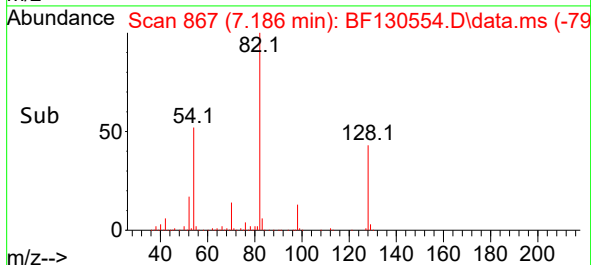
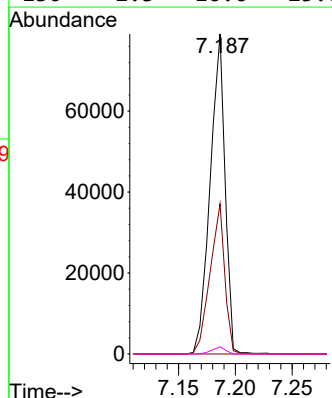
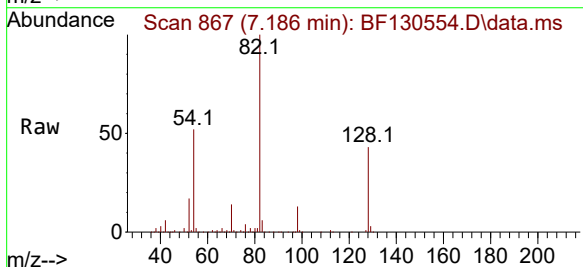
Instrument :
BNA_F
ClientSampleId :
5486-4

Tgt Ion: 99 Resp: 209774
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.535 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion: 70 Resp: 72042
Ion Ratio Lower Upper
70 100
42 47.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

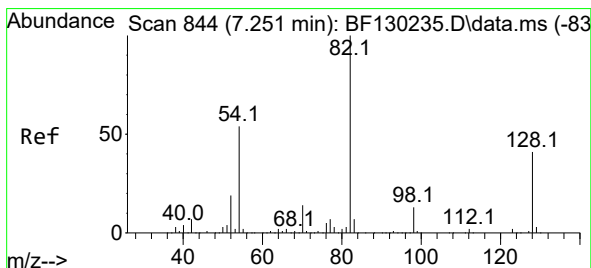
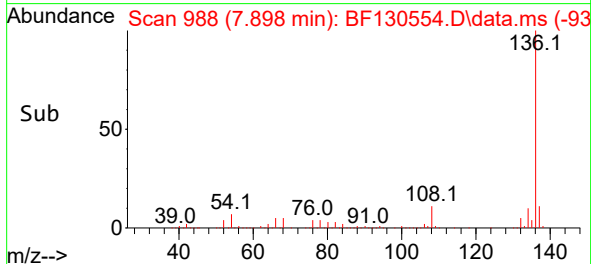
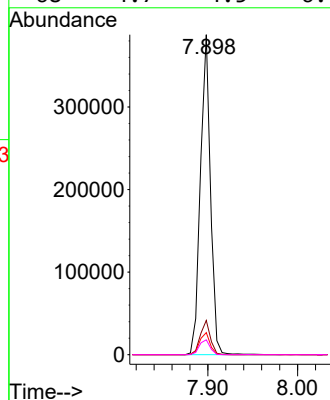
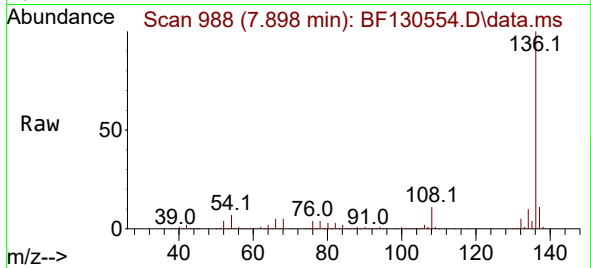




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

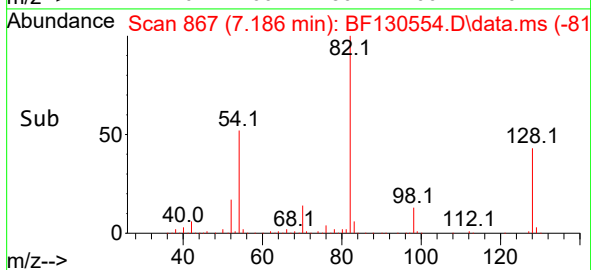
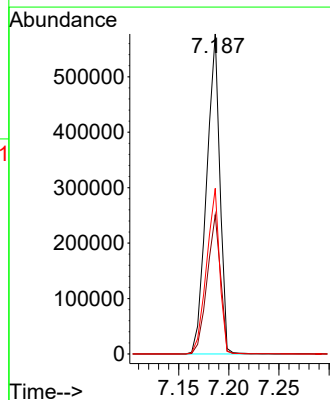
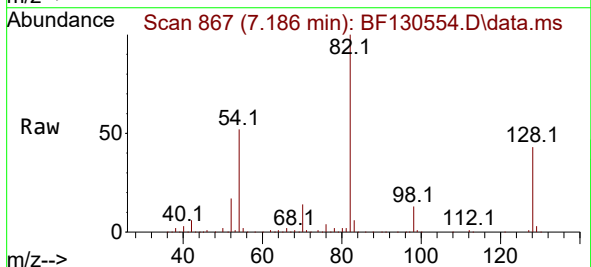
Instrument :
BNA_F
ClientSampleId :
5486-4

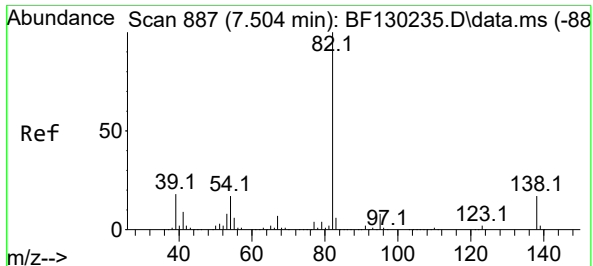
Tgt Ion:136 Resp: 301507
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.9 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 90.556 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion: 82 Resp: 534429
Ion Ratio Lower Upper
82 100
128 43.5 32.6 49.0
54 51.7 43.8 65.6

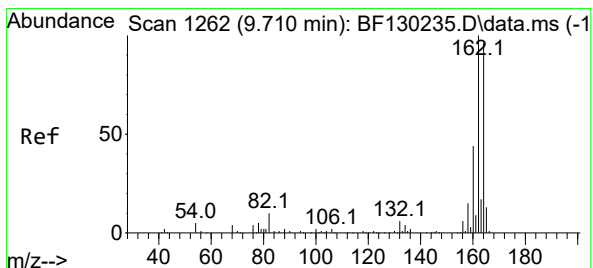
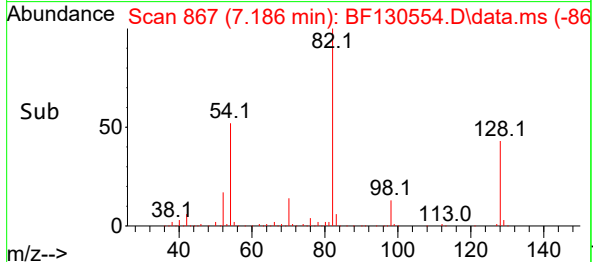
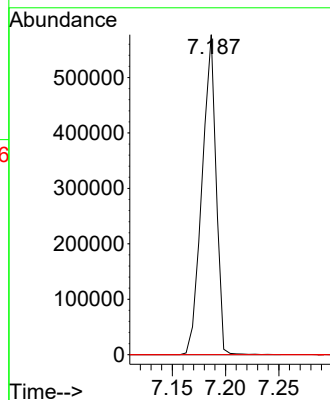
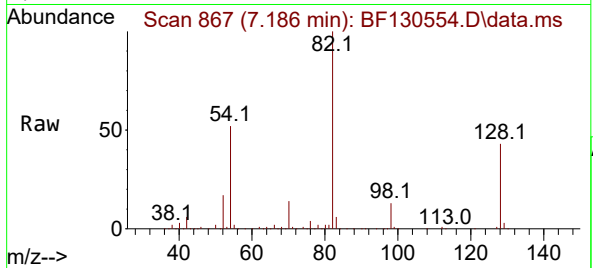




#25
Isophorone
Concen: 56.183 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

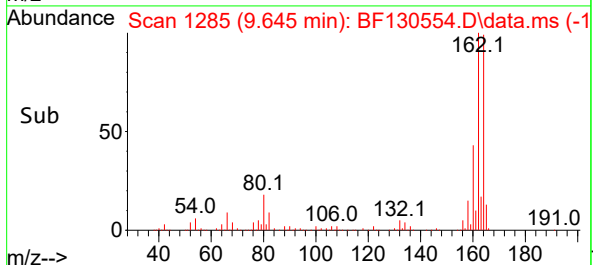
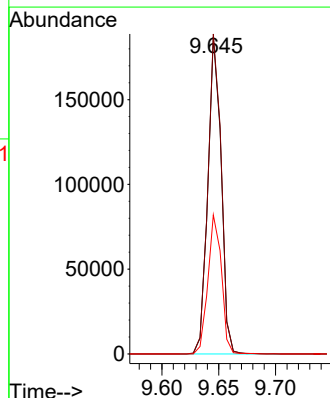
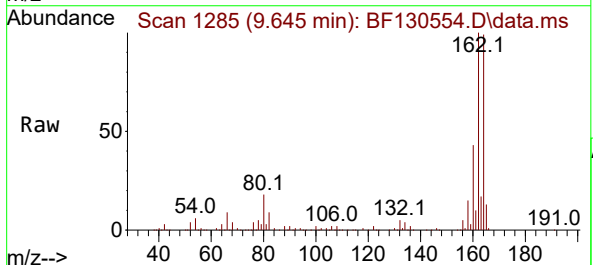
Instrument :
BNA_F
ClientSampleId :
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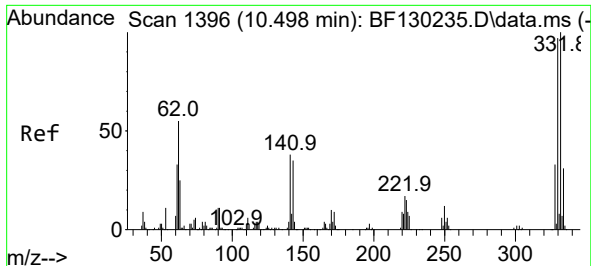
Tgt Ion: 82 Resp: 534418
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion: 164 Resp: 151665
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.8 36.2 54.4

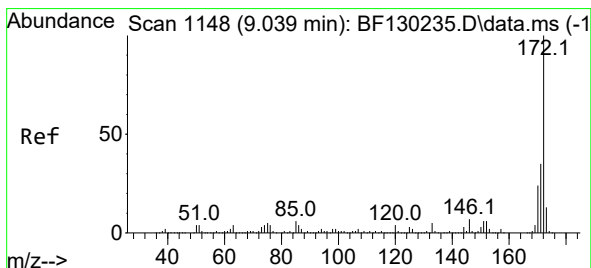
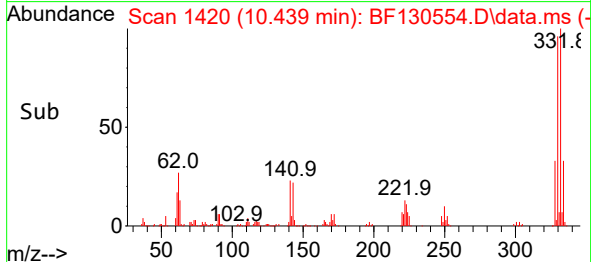
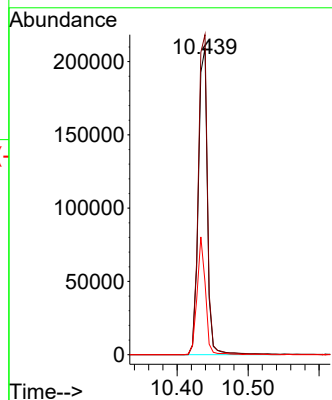
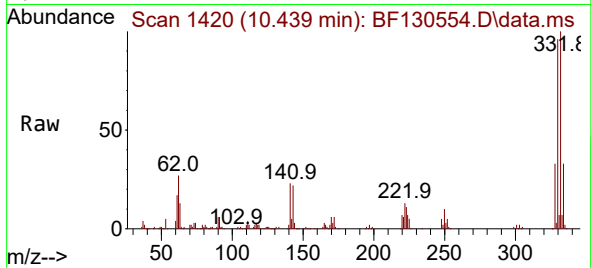




#42
2,4,6-Tribromophenol
Concen: 128.051 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

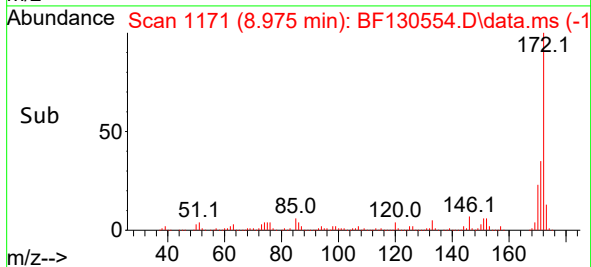
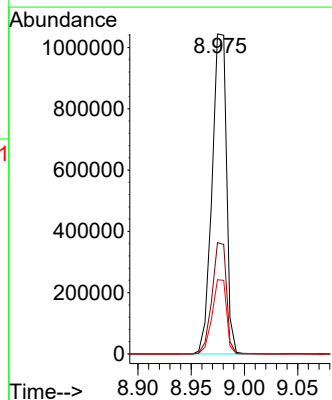
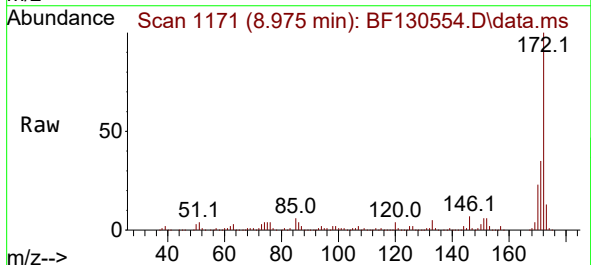
Instrument :
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ClientSampleId :
5486-4

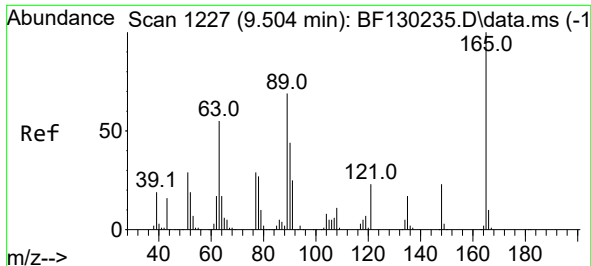
Tgt Ion:330 Resp: 186089
Ion Ratio Lower Upper
330 100
332 105.9 83.4 125.2
141 35.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 95.148 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion:172 Resp: 990980
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.7 28.1

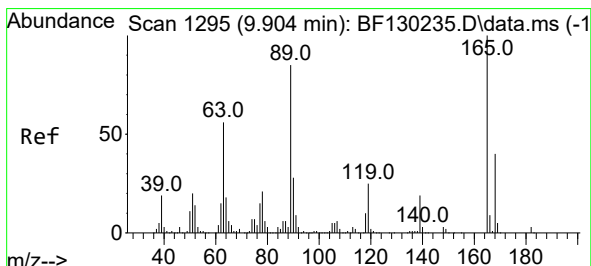
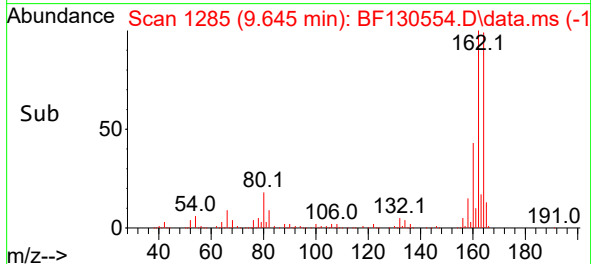
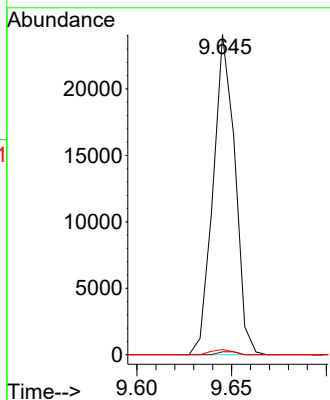
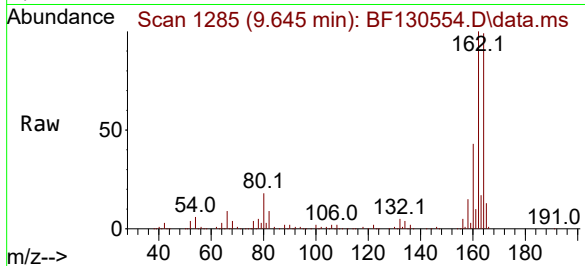




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

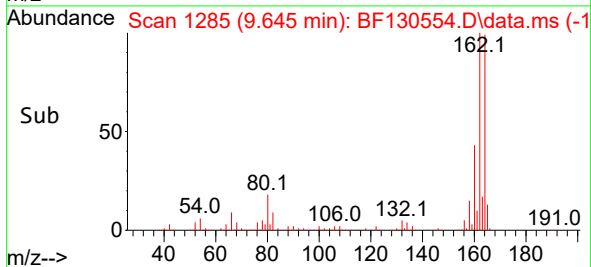
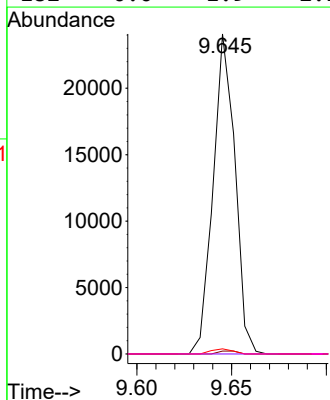
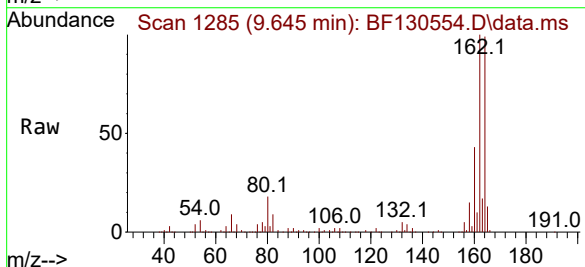
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5486-4

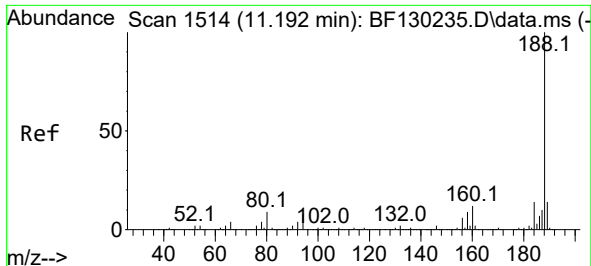
Tgt Ion:165 Resp: 19333
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.6 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion:165 Resp: 19333
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#

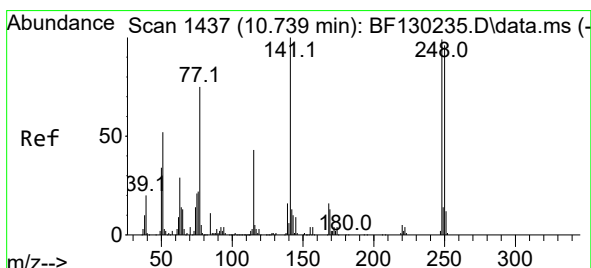
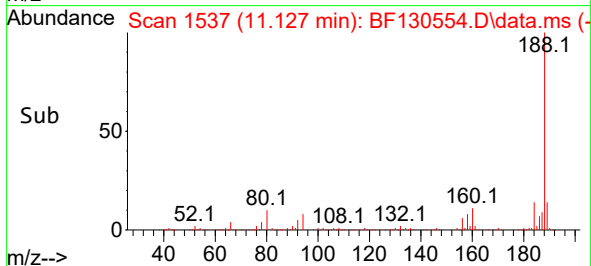
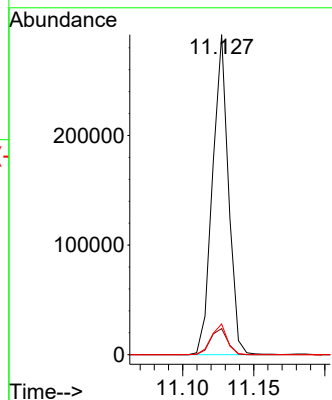
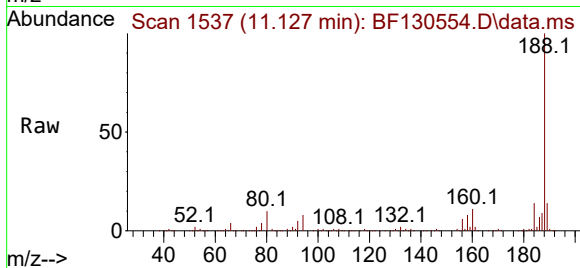




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

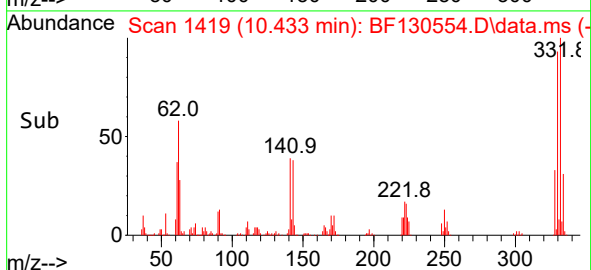
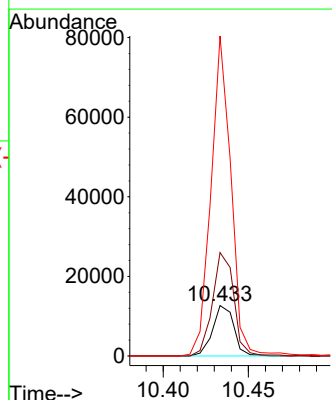
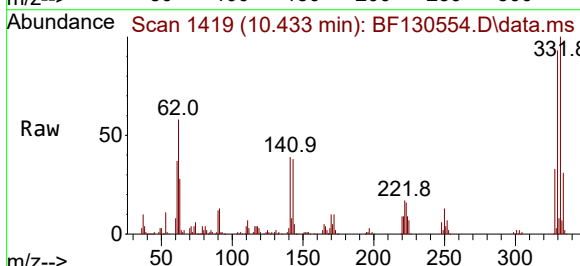
Instrument :
BNA_F
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5486-4

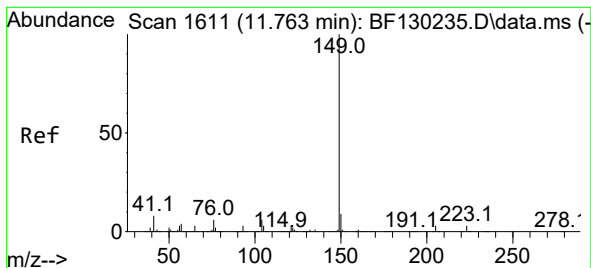
Tgt Ion:188 Resp: 227876
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.372 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.247 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion:248 Resp: 10990
Ion Ratio Lower Upper
248 100
250 205.2 80.0 120.0#
141 635.0 68.5 102.7#





#74

Di-n-butylphthalate

Concen: 168.725 ng

RT: 11.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130554.D

Acq: 06 Oct 2022 17:00

Instrument :

BNA_F

ClientSampleId :

5486-4

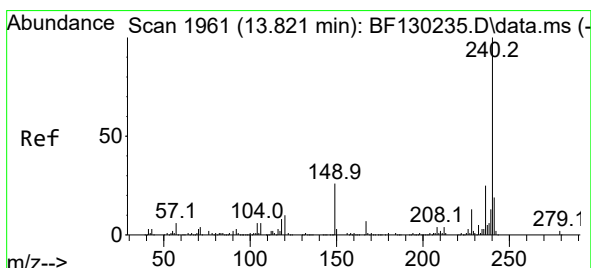
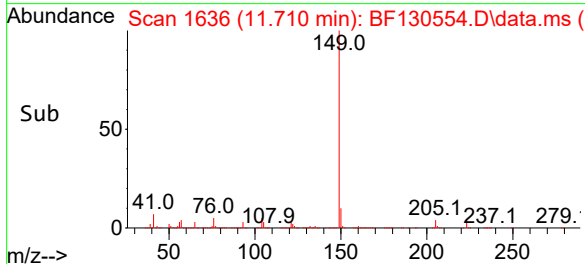
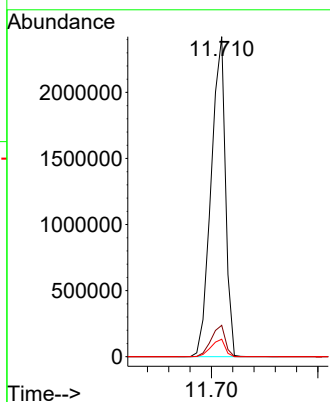
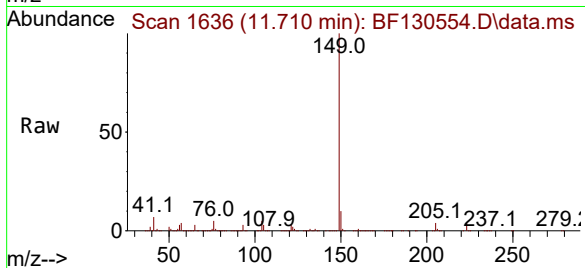
Tgt Ion:149 Resp: 2267074

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

104 5.4 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130554.D

Acq: 06 Oct 2022 17:00

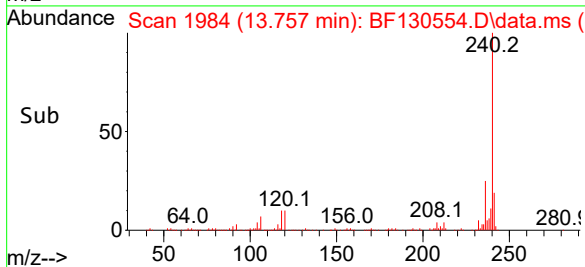
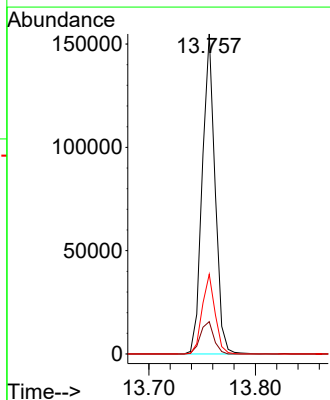
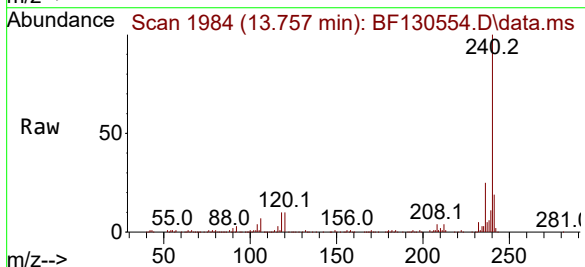
Tgt Ion:240 Resp: 129538

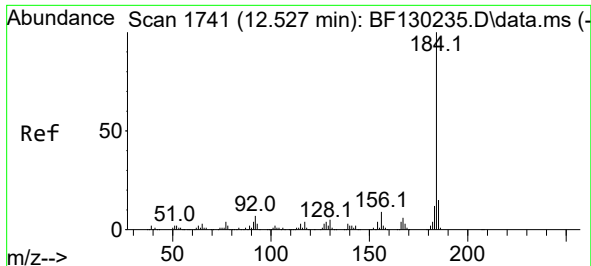
Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

236 24.9 20.9 31.3

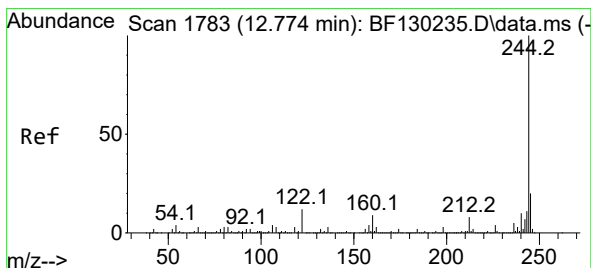
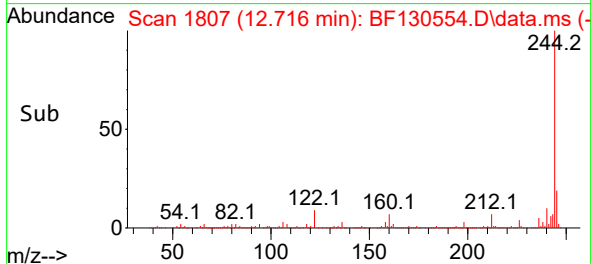
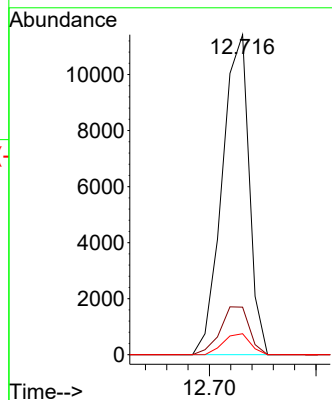
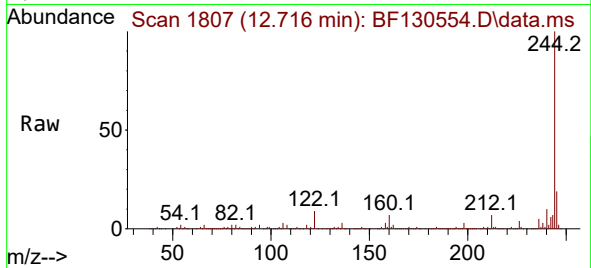




#77
Benzidine
Concen: 2.666 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.247 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

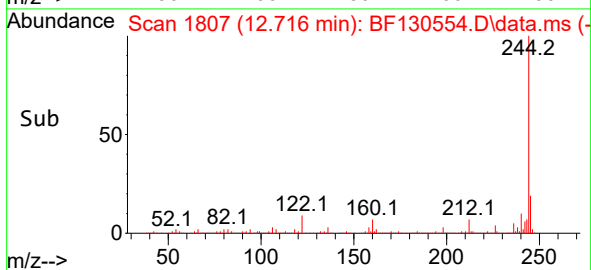
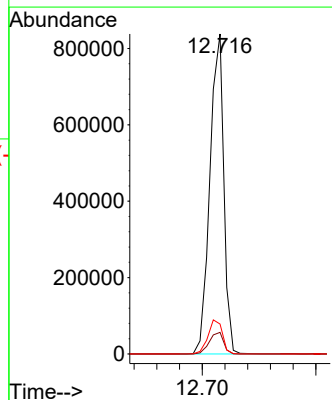
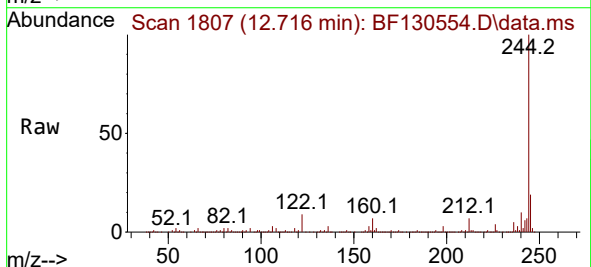
Instrument :
BNA_F
ClientSampleId :
5486-4

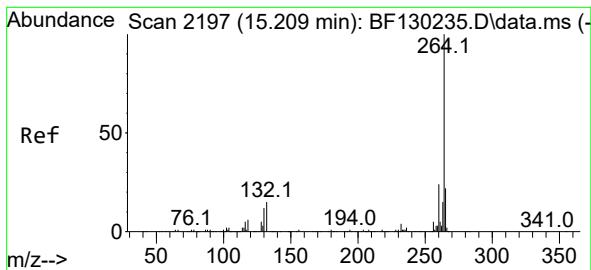
Tgt Ion:184 Resp: 10025
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 6.6 9.1 13.7#



#79
Terphenyl-d14
Concen: 90.699 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF130554.D
Acq: 06 Oct 2022 17:00

Tgt Ion:244 Resp: 709265
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.4 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130554.D

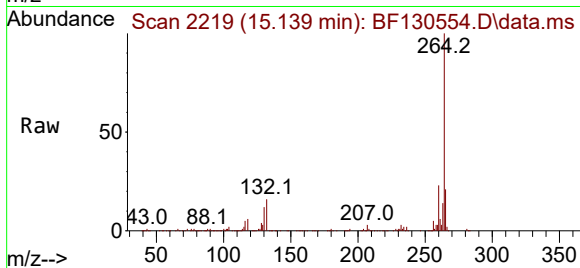
Acq: 06 Oct 2022 17:00

Instrument :

BNA_F

ClientSampleId :

5486-4



Tgt Ion:264 Resp: 146012

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.3 17.0 25.4

