

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130543.D
 Acq On : 05 Oct 2022 22:17
 Operator : CG\JU
 Sample : N4979-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-4

Quant Time: Oct 06 01:14:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

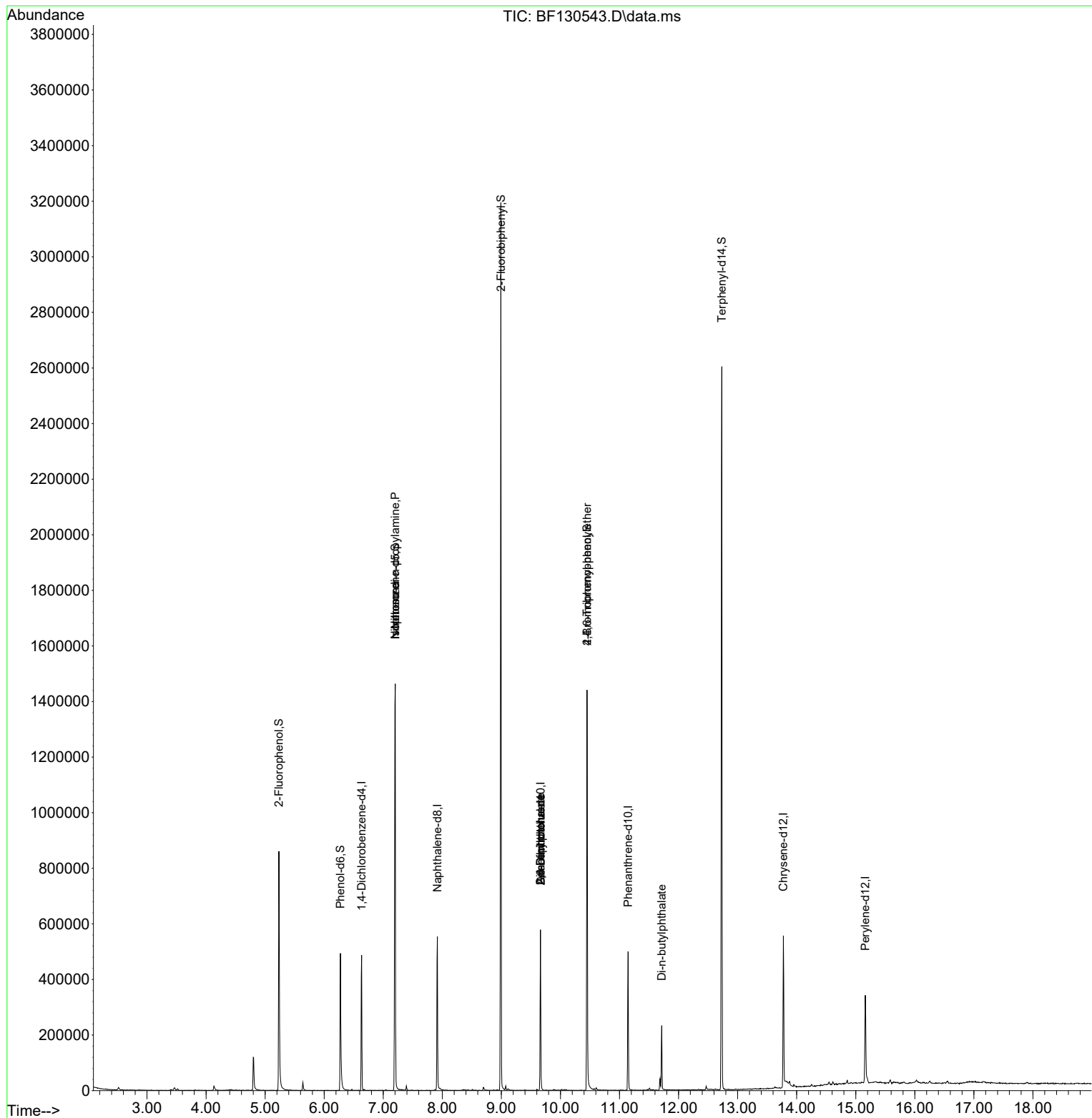
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	67180	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	243719	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	106458	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	173948	20.000	ng	0.00
76) Chrysene-d12	13.774	240	179640	20.000	ng	0.00
86) Perylene-d12	15.163	264	134437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	247351	63.861	ng	0.00
7) Phenol-d6	6.275	99	171345	35.356	ng	0.00
23) Nitrobenzene-d5	7.204	82	499713	104.750	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	164145	160.915	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	823174	112.598	ng	0.00
79) Terphenyl-d14	12.733	244	871824	80.392	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	67285	20.575	ng	# 71
25) Isophorone	7.204	82	499710	64.991	ng	# 66
50) Dimethylphthalate	9.663	163	19133	2.602	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	13980	9.090	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	13980	7.113	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	10328	5.382	ng	# 1
74) Di-n-butylphthalate	11.716	149	106615	10.395	ng	99

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

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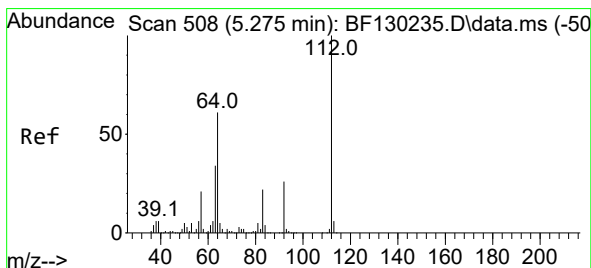
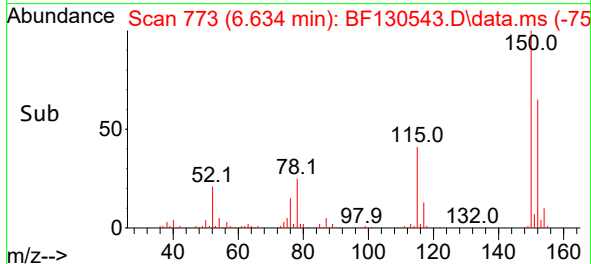
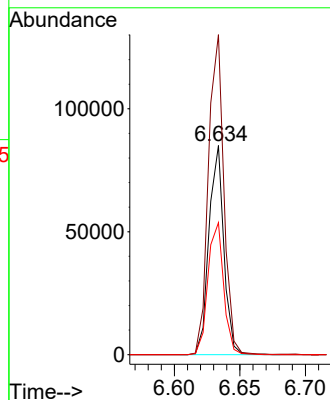
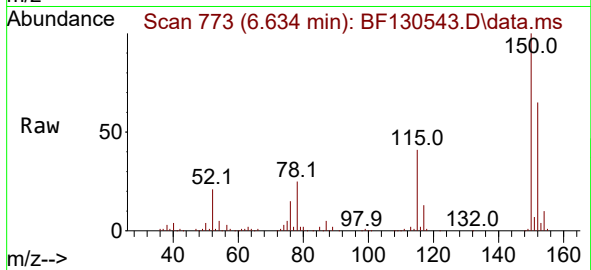




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130543.D
 Acq: 05 Oct 2022 22:17

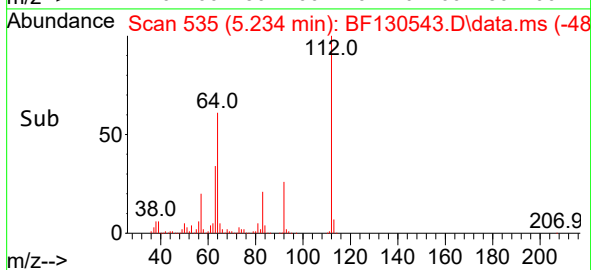
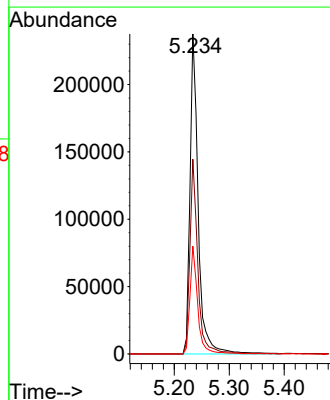
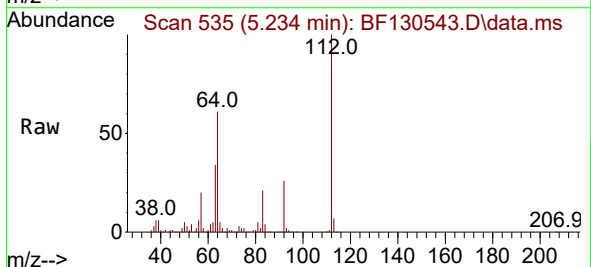
Instrument :
 BNA_F
 ClientSampleId :
 251032-4

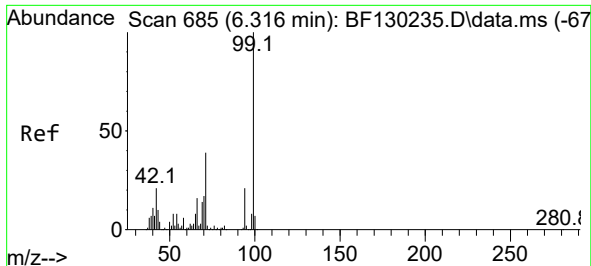
Tgt Ion:152 Resp: 67180
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.8 184.2
 115 63.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 63.861 ng
 RT: 5.234 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: BF130543.D
 Acq: 05 Oct 2022 22:17

Tgt Ion:112 Resp: 247351
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.4 77.0
 63 33.7 28.8 43.2

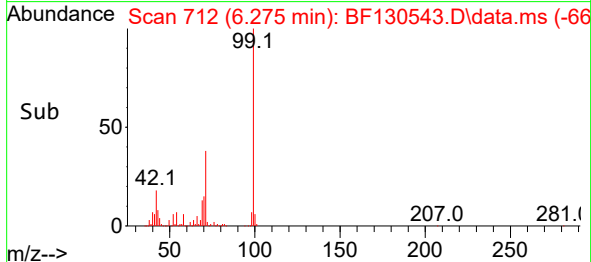
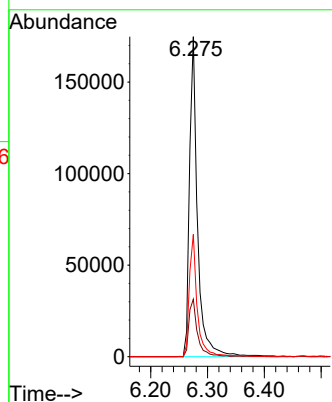
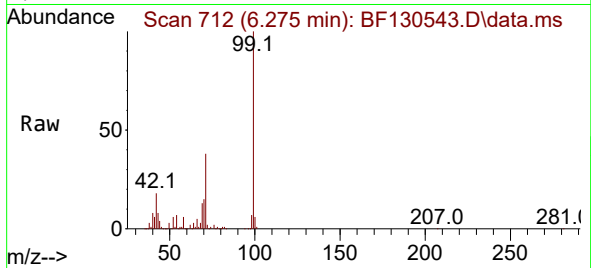




#7
Phenol-d6
Concen: 35.356 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

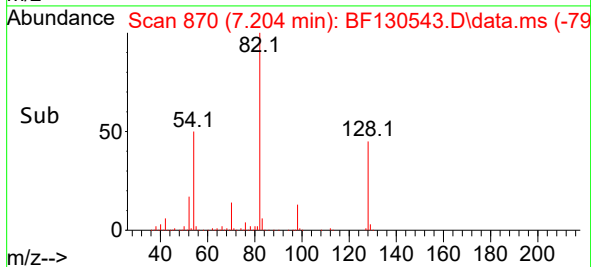
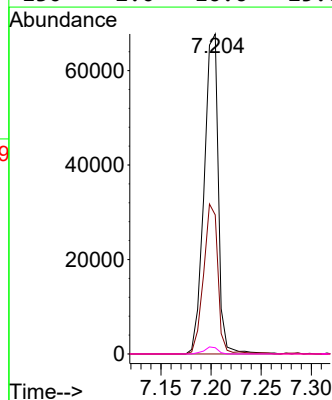
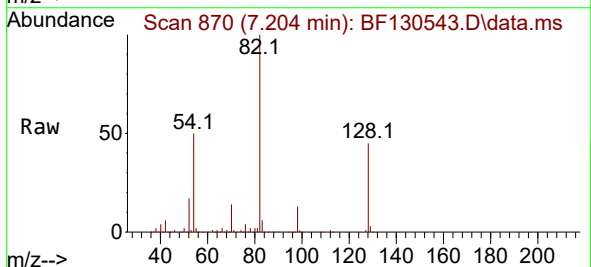
Instrument :
BNA_F
ClientSampleId :
251032-4

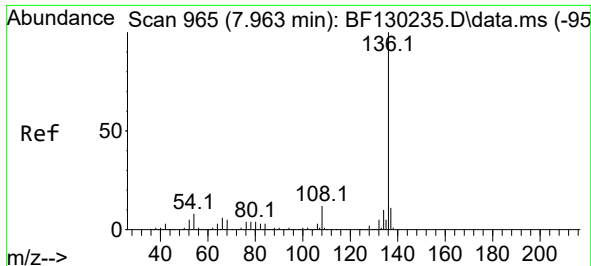
Tgt Ion: 99 Resp: 171345
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.575 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion: 70 Resp: 67285
Ion Ratio Lower Upper
70 100
42 43.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

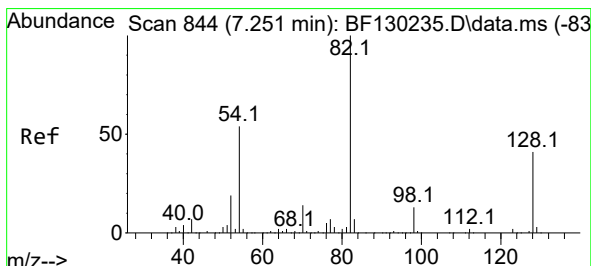
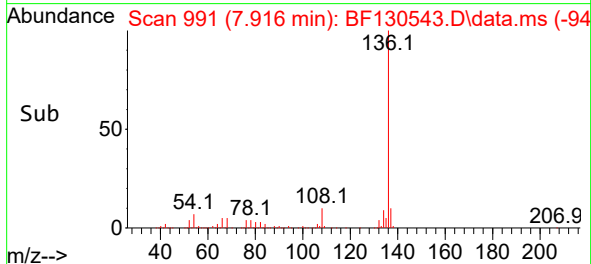
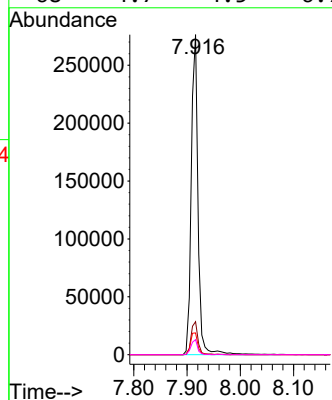
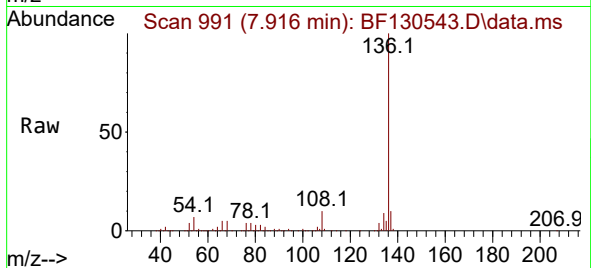




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

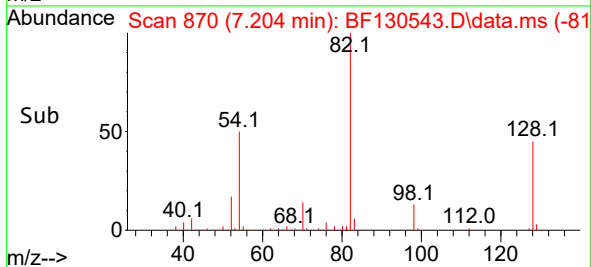
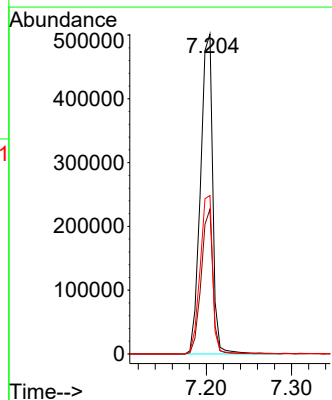
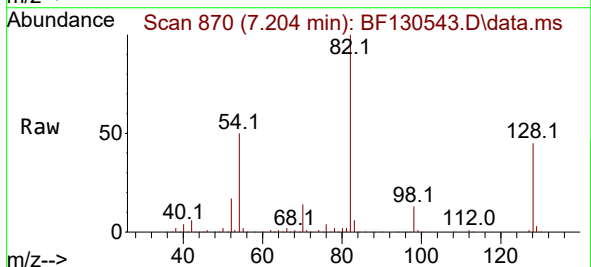
Instrument :
BNA_F
ClientSampleId :
251032-4

Tgt Ion:136 Resp: 243719
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.8 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 104.750 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion: 82 Resp: 499713
Ion Ratio Lower Upper
82 100
128 45.2 32.6 49.0
54 49.5 43.8 65.6

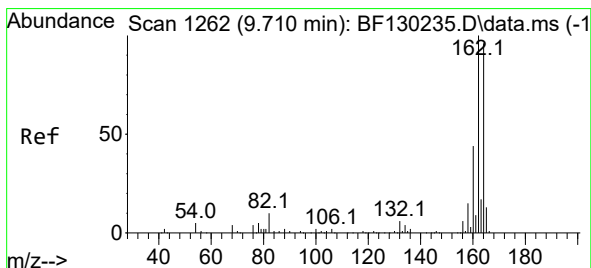
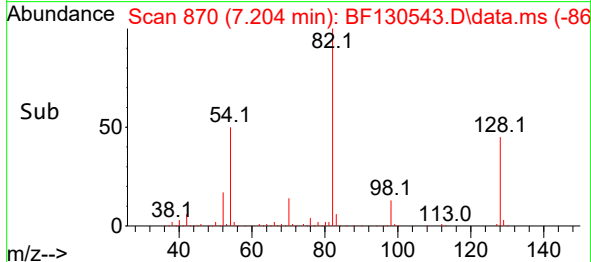
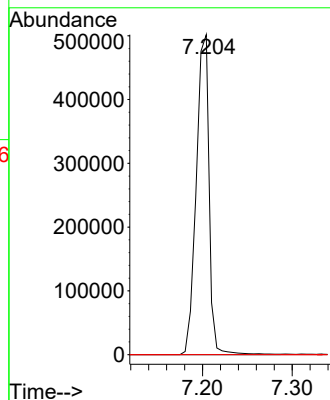
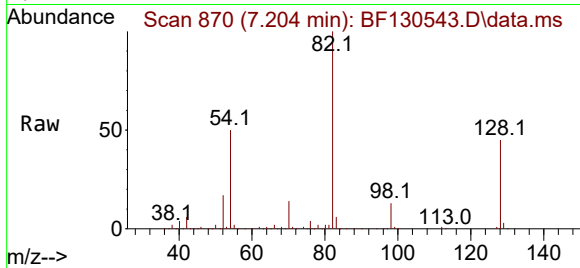




#25
Isophorone
Concen: 64.991 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

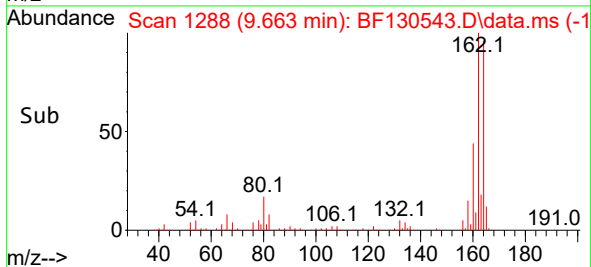
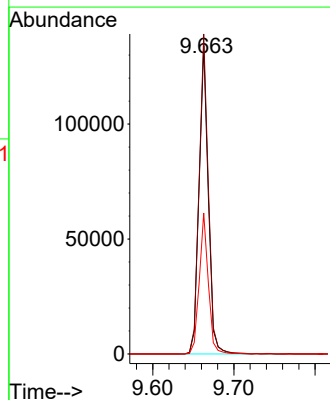
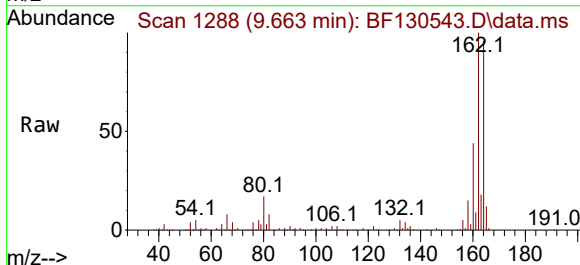
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BNA_F
ClientSampleId :
251032-4

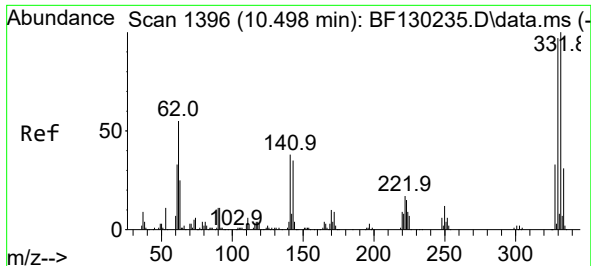
Tgt Ion: 82 Resp: 499710
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion: 164 Resp: 106458
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 160.915 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF130543.D

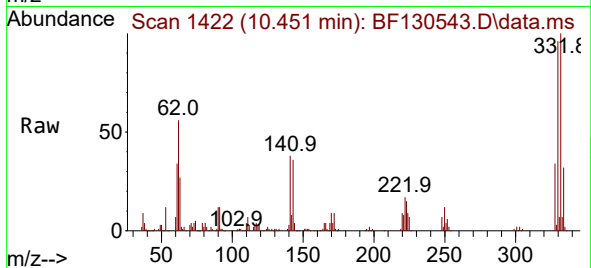
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Instrument :

BNA_F

ClientSampleId :

251032-4



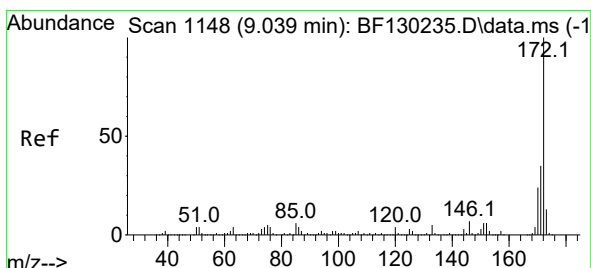
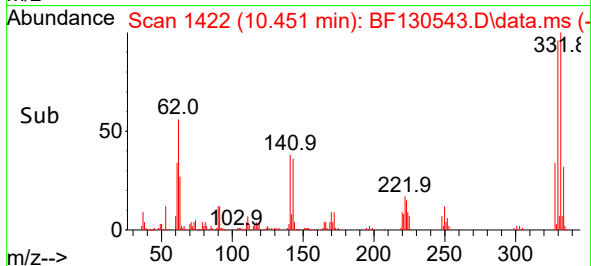
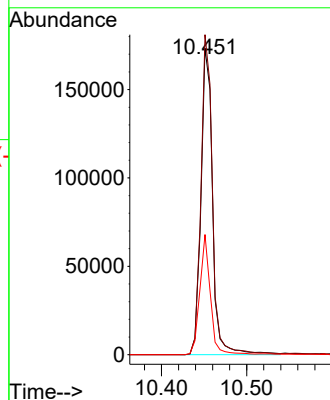
Tgt Ion:330 Resp: 164145

Ion Ratio Lower Upper

330 100

332 103.9 83.4 125.2

141 35.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 112.598 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF130543.D

Acq: 05 Oct 2022 22:17

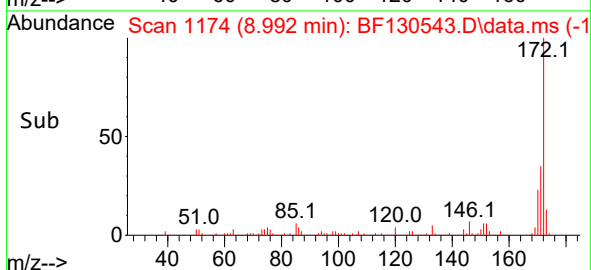
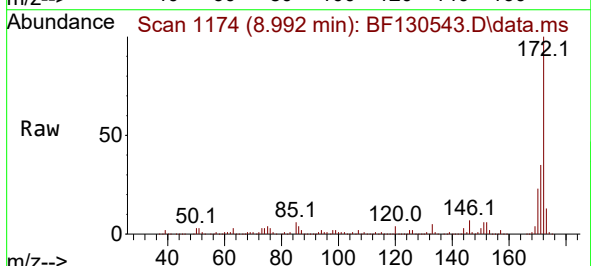
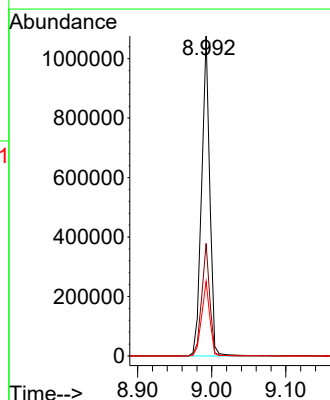
Tgt Ion:172 Resp: 823174

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

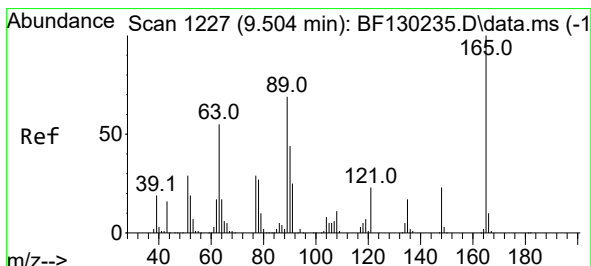
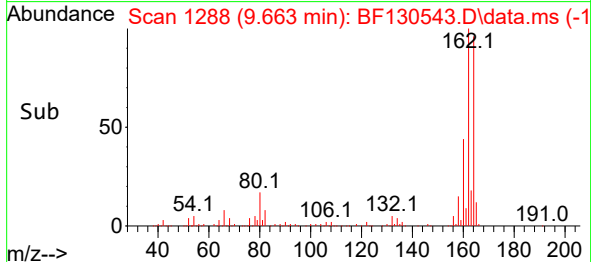
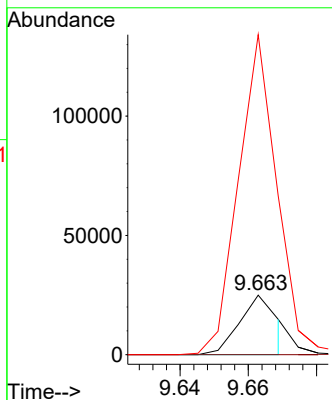
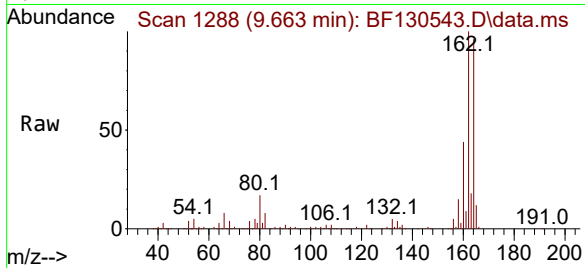




#50
Dimethylphthalate
Concen: 2.602 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.265 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

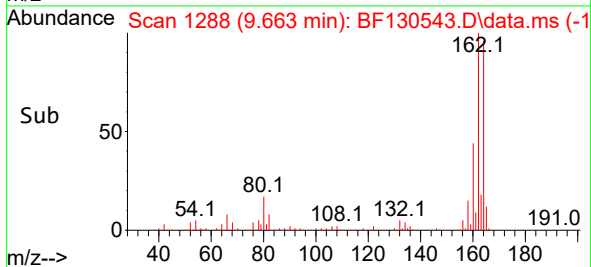
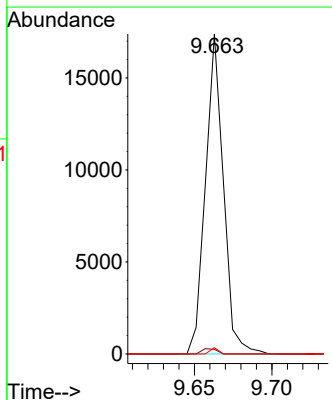
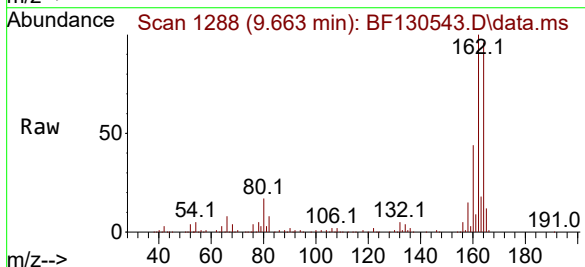
Instrument :
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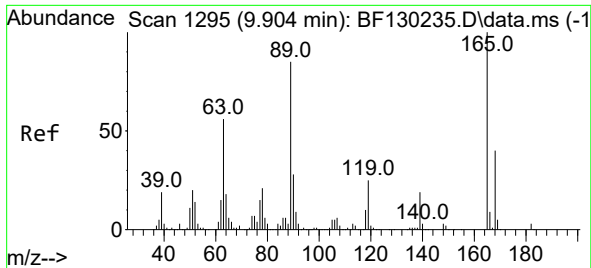
Tgt Ion:163 Resp: 19133
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 538.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.090 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion:165 Resp: 13980
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 2.0 54.5 81.7#

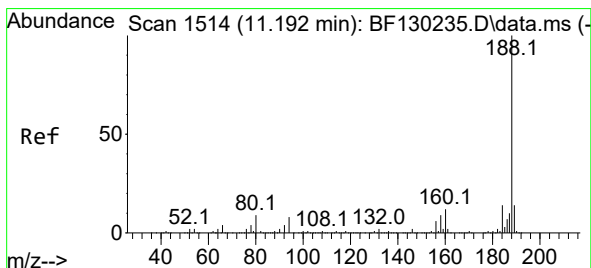
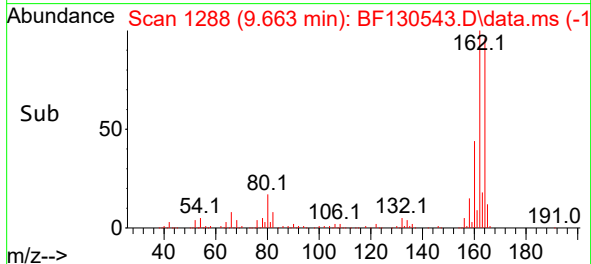
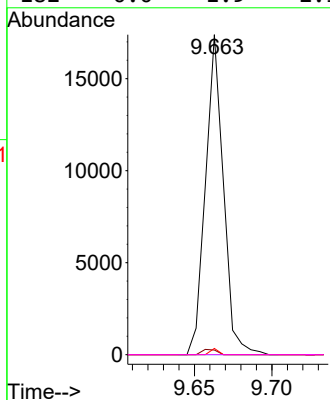
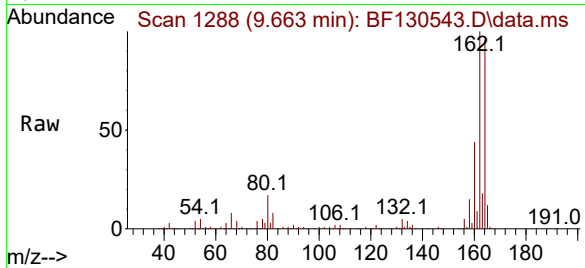




#57
2,4-Dinitrotoluene
Concen: 7.113 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

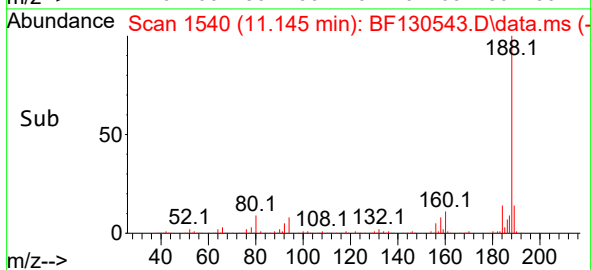
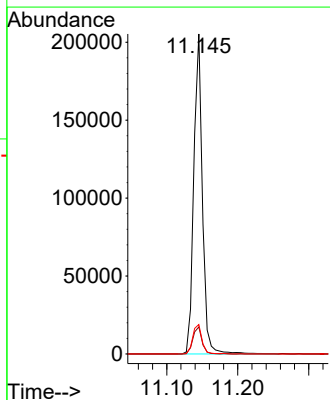
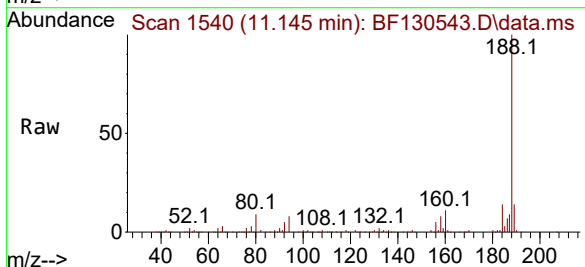
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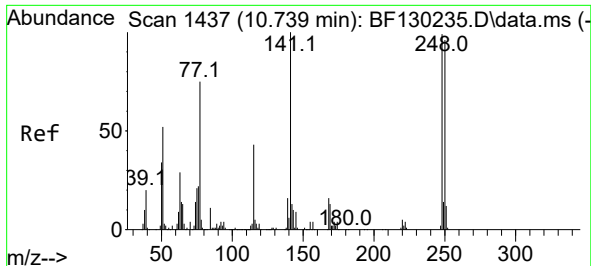
Tgt Ion:165 Resp: 13980
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 2.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion:188 Resp: 173948
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.2 7.9 11.9

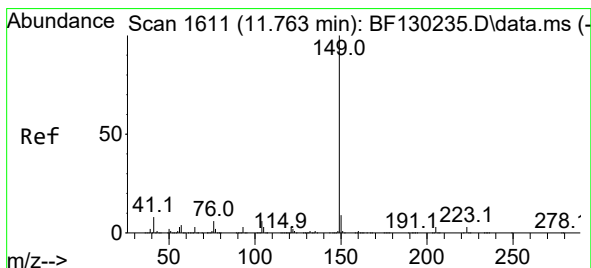
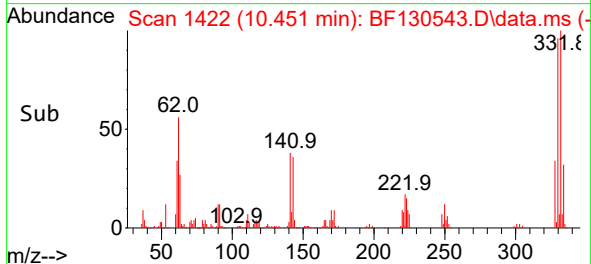
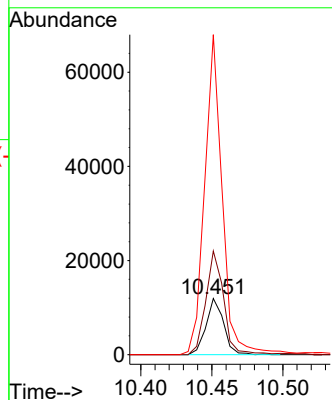
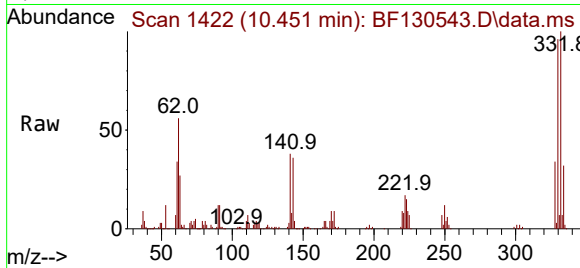




#67
4-Bromophenyl-phenylether
Concen: 5.382 ng
RT: 10.451 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

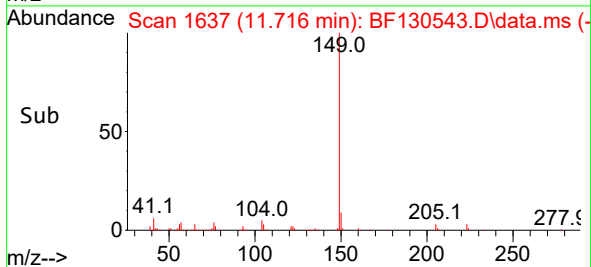
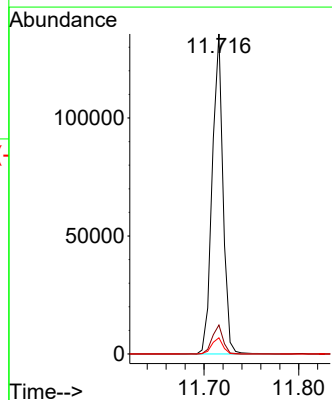
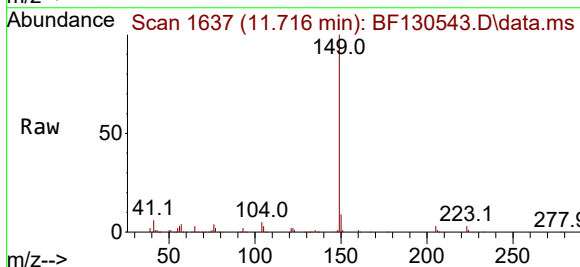
Instrument :
BNA_F
ClientSampleId :
251032-4

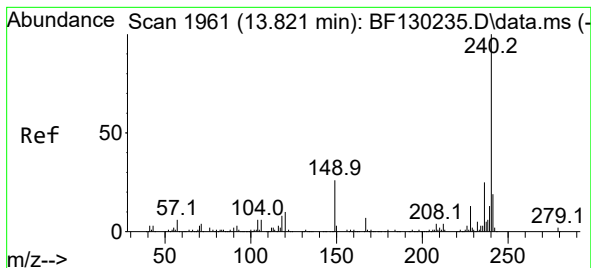
Tgt Ion:248 Resp: 10328
Ion Ratio Lower Upper
248 100
250 184.4 80.0 120.0#
141 569.4 68.5 102.7#



#74
Di-n-butylphthalate
Concen: 10.395 ng
RT: 11.716 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Tgt Ion:149 Resp: 106615
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.0 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.774 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF130543.D

Acq: 05 Oct 2022 22:17

Instrument :

BNA_F

ClientSampleId :

251032-4

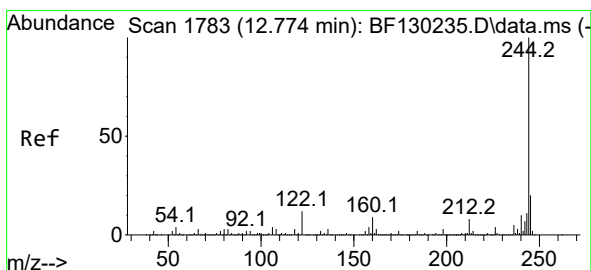
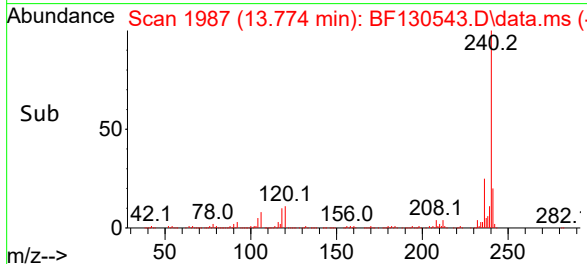
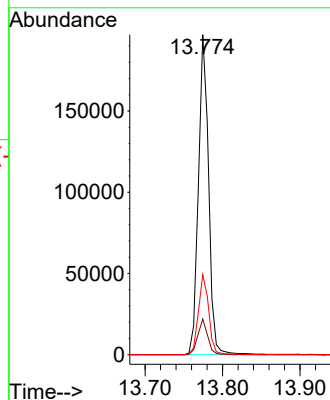
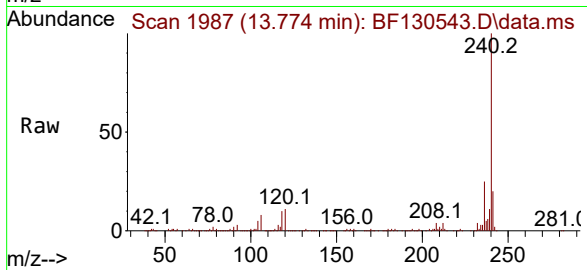
Tgt Ion:240 Resp: 179640

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 80.392 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF130543.D

Acq: 05 Oct 2022 22:17

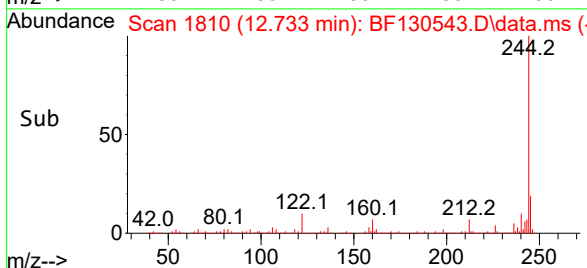
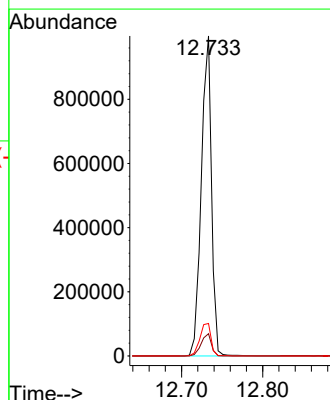
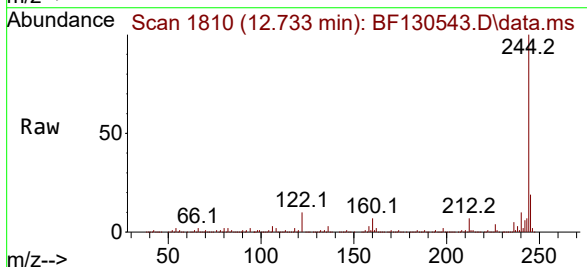
Tgt Ion:244 Resp: 871824

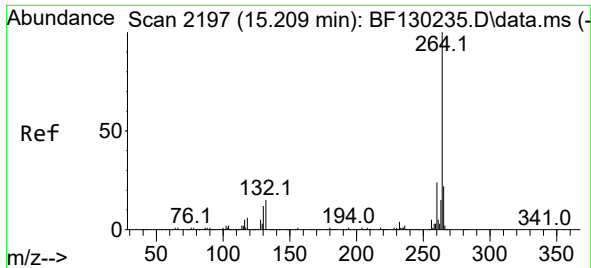
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

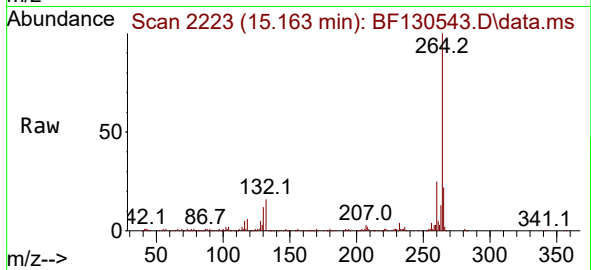
122 10.2 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130543.D
Acq: 05 Oct 2022 22:17

Instrument :
BNA_F
ClientSampleId :
251032-4



Tgt Ion:264 Resp: 134437
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.8 17.0 25.4

