

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130692.D
 Acq On : 17 Oct 2022 18:02
 Operator : CG\JU
 Sample : N5142-10RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9

Quant Time: Oct 18 03:22:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

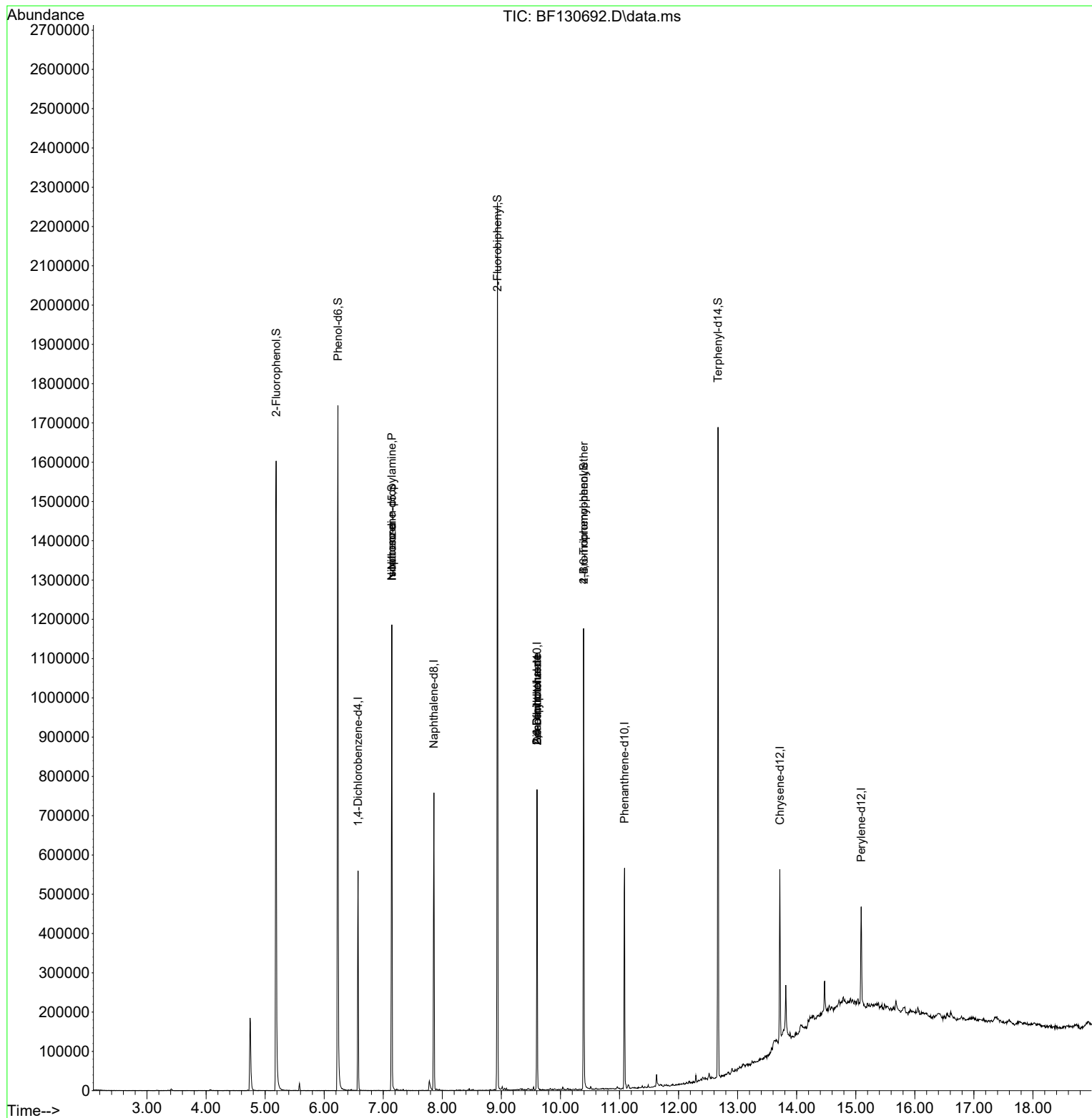
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	80583	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	295348	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	135722	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	203951	20.000	ng	0.00
76) Chrysene-d12	13.715	240	139052	20.000	ng	0.00
86) Perylene-d12	15.092	264	107021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	480260	107.428	ng	0.02
7) Phenol-d6	6.234	99	589223	104.831	ng	0.00
23) Nitrobenzene-d5	7.145	82	351882	65.040	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	136460	102.754	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	632906	70.636	ng	0.00
79) Terphenyl-d14	12.669	244	534533	63.802	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	47308	13.046	ng	# 76
25) Isophorone	7.145	82	350101	38.881	ng	# 64
50) Dimethylphthalate	9.604	163	26296	2.799	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	17840	8.657	ng	# 25
57) 2,4-Dinitrotoluene	9.604	165	17840	6.736	ng	# 15
67) 4-Bromophenyl-phenylether	10.392	248	8039	3.484	ng	# 1

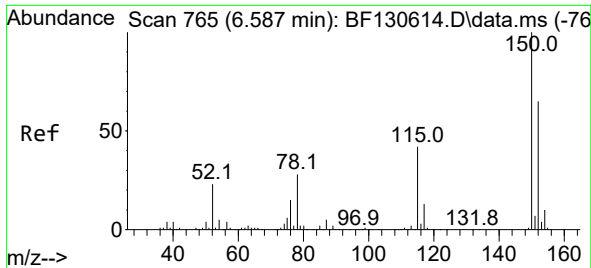
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

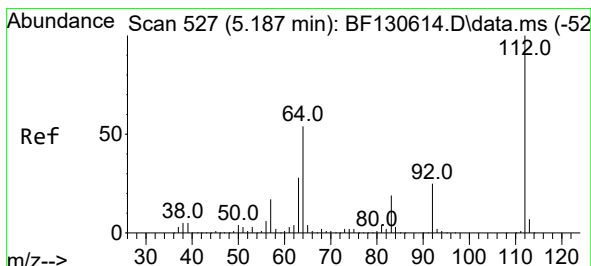
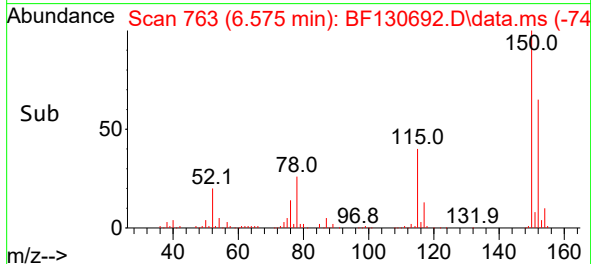
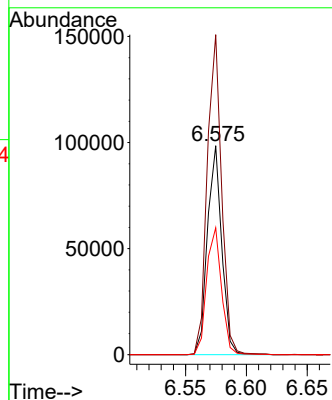
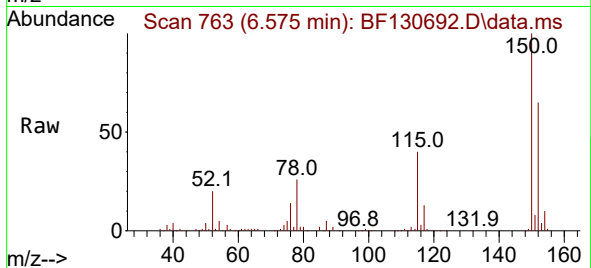




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

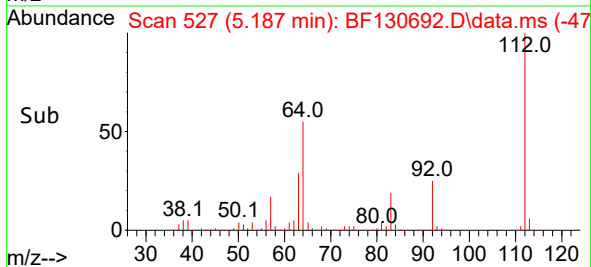
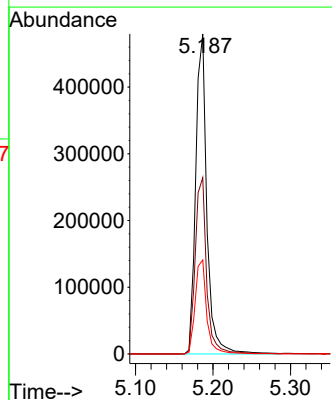
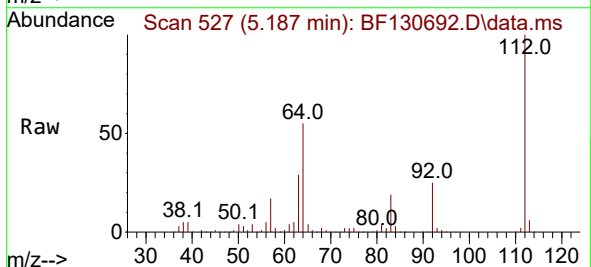
Instrument :
BNA_F
ClientSampleId :
WC-9

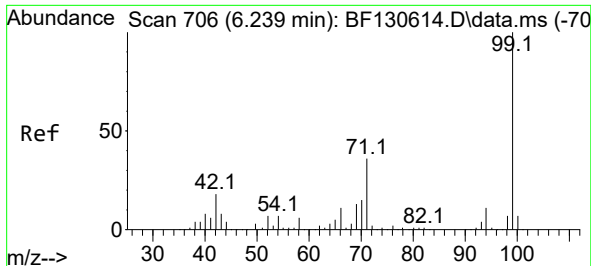
Tgt Ion:152 Resp: 80583
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 60.8 52.2 78.4



#5
2-Fluorophenol
Concen: 107.428 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.018 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion:112 Resp: 480260
Ion Ratio Lower Upper
112 100
64 55.1 43.5 65.3
63 29.4 22.6 34.0

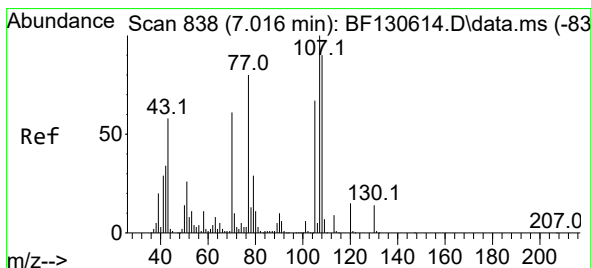
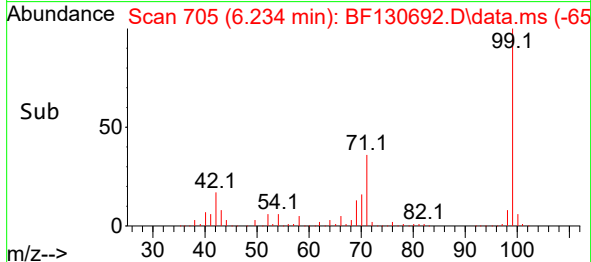
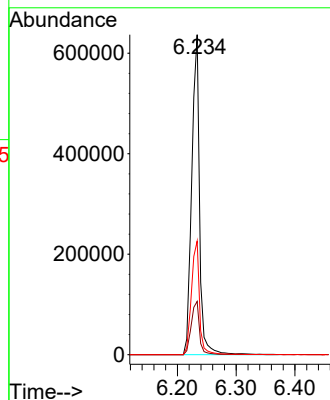
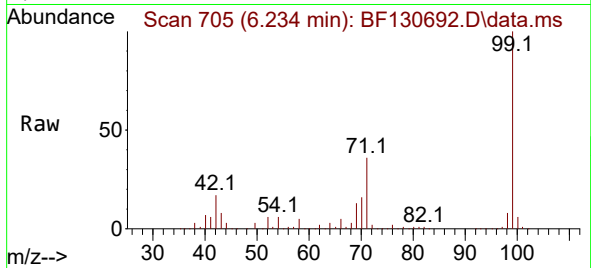




#7
Phenol-d6
Concen: 104.831 ng
RT: 6.234 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

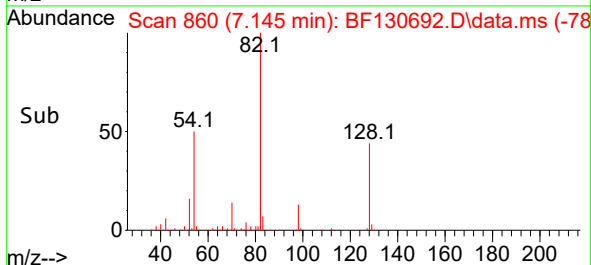
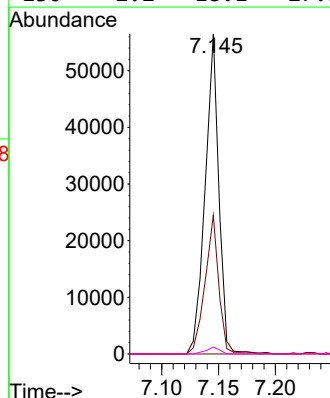
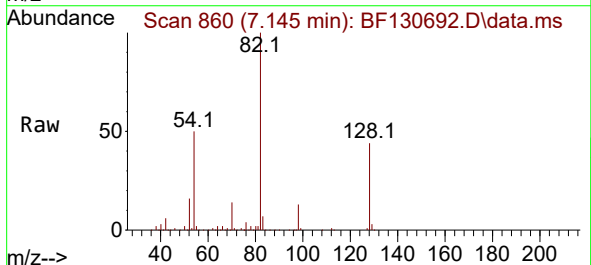
Instrument :
BNA_F
ClientSampleId :
WC-9

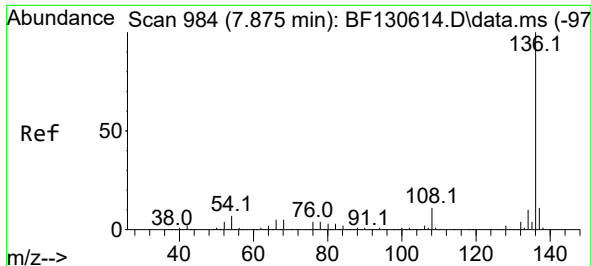
Tgt Ion: 99 Resp: 589223
Ion Ratio Lower Upper
99 100
42 16.6 14.0 21.0
71 35.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.046 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion: 70 Resp: 47308
Ion Ratio Lower Upper
70 100
42 43.3 44.3 66.5#
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#

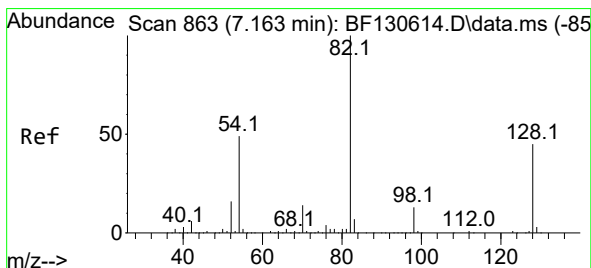
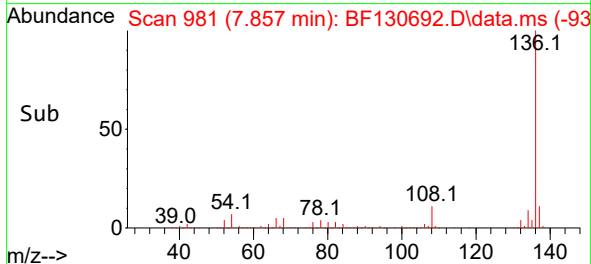
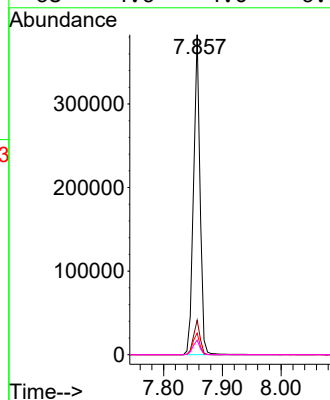
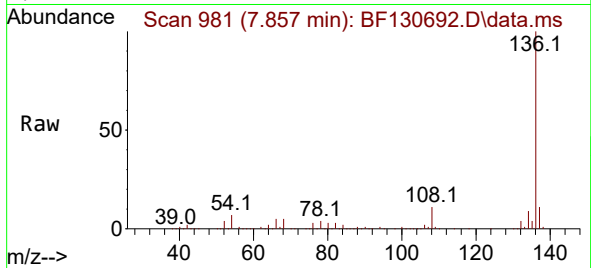




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

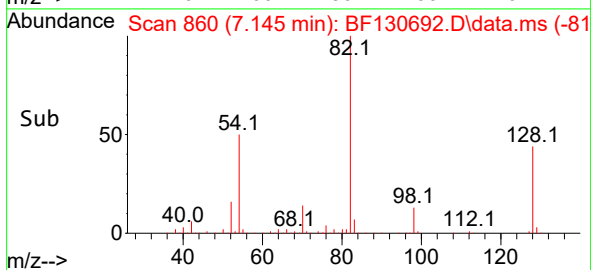
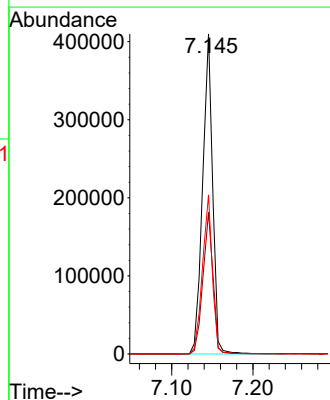
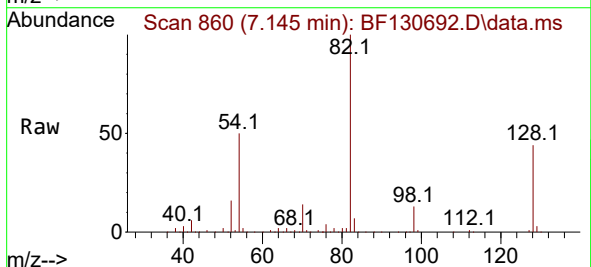
Instrument :
BNA_F
ClientSampleId :
WC-9

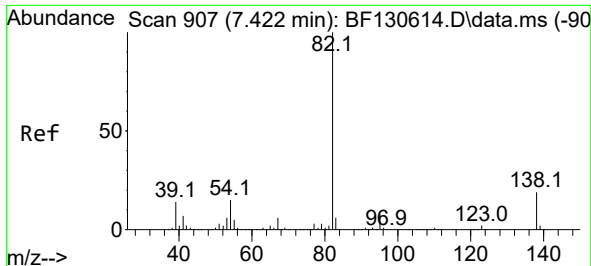
Tgt Ion:136 Resp: 295348
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.8 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 65.040 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion: 82 Resp: 351882
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 49.7 39.3 58.9

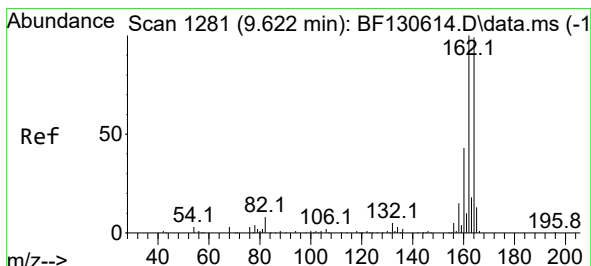
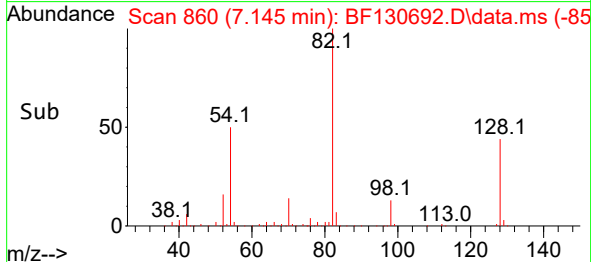
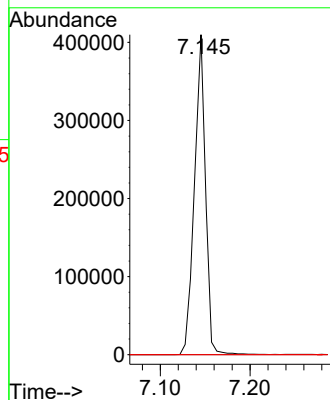
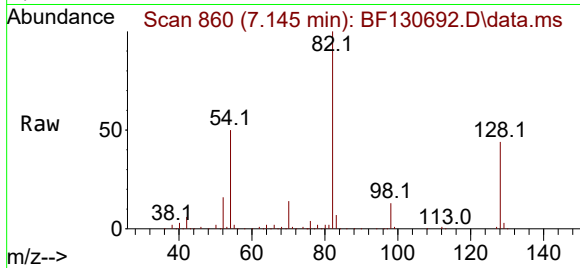




#25
Isophorone
Concen: 38.881 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

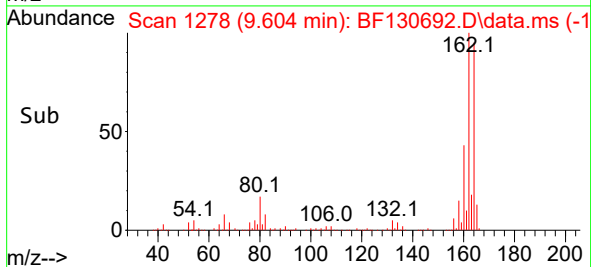
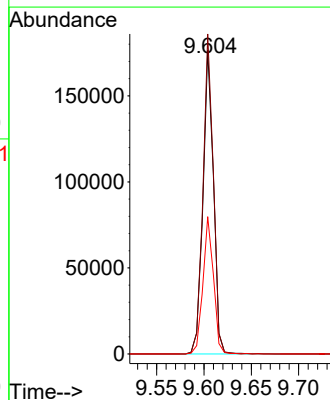
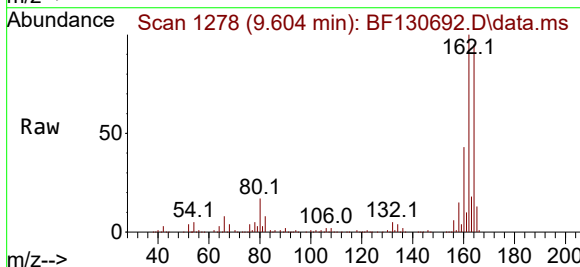
Instrument :
BNA_F
ClientSampleId :
WC-9

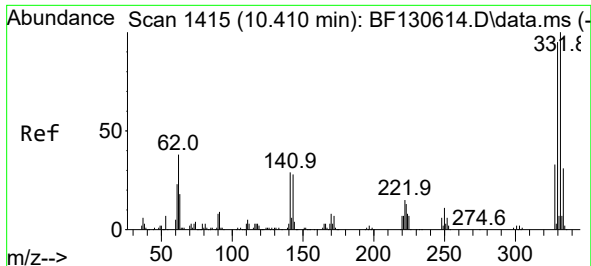
Tgt Ion: 82 Resp: 350101
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion:164 Resp: 135722
Ion Ratio Lower Upper
164 100
162 105.3 81.0 121.4
160 45.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 102.754 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130692.D

Acq: 17 Oct 2022 18:02

Instrument :

BNA_F

ClientSampleId :

WC-9

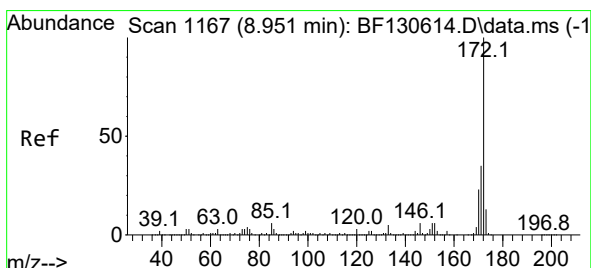
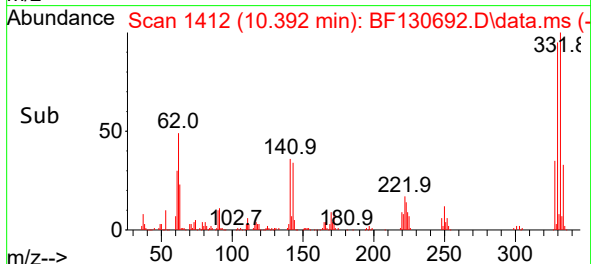
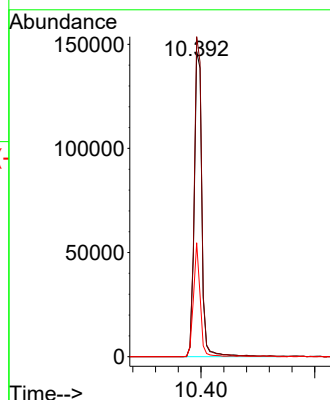
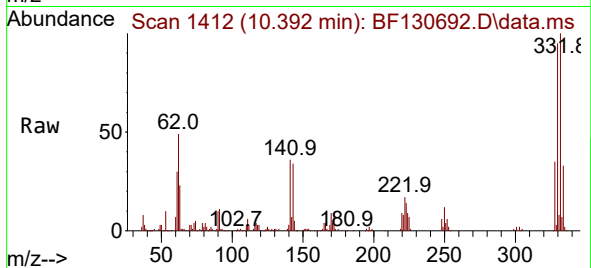
Tgt Ion:330 Resp: 136460

Ion Ratio Lower Upper

330 100

332 103.3 84.2 126.4

141 32.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 70.636 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130692.D

Acq: 17 Oct 2022 18:02

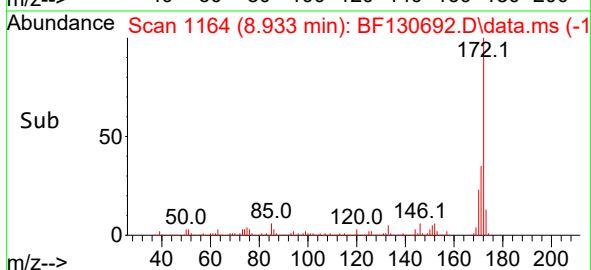
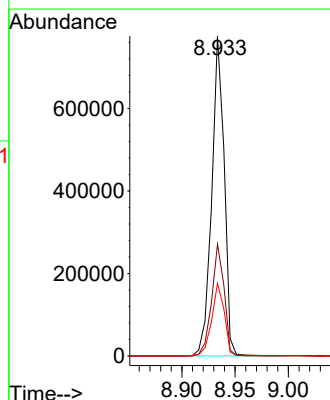
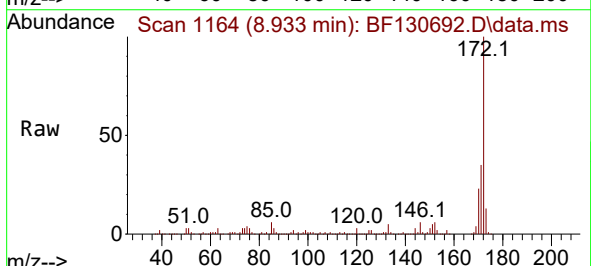
Tgt Ion:172 Resp: 632906

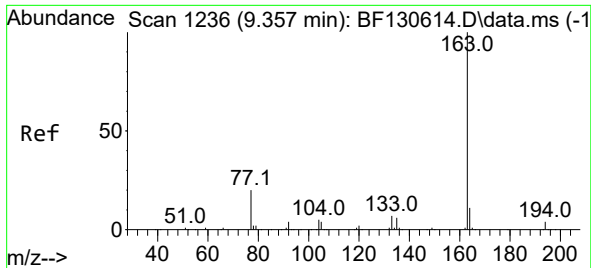
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 22.7 18.6 27.8

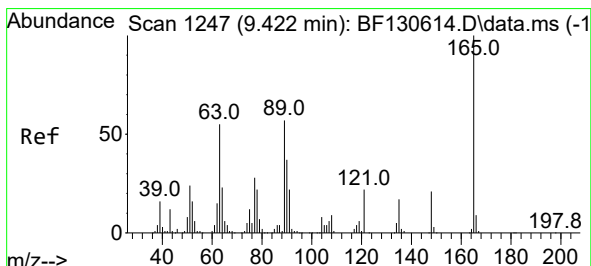
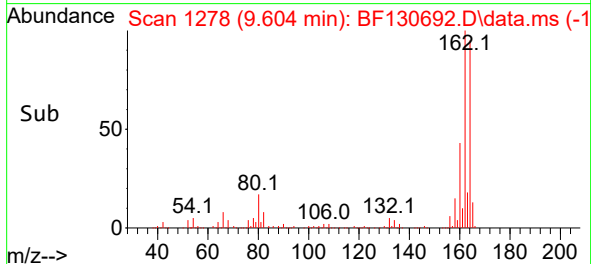
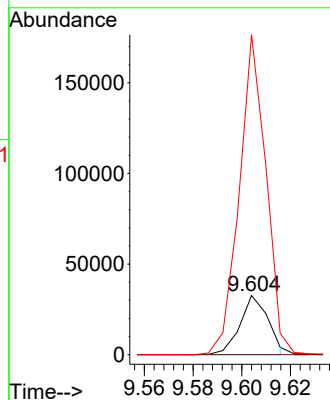
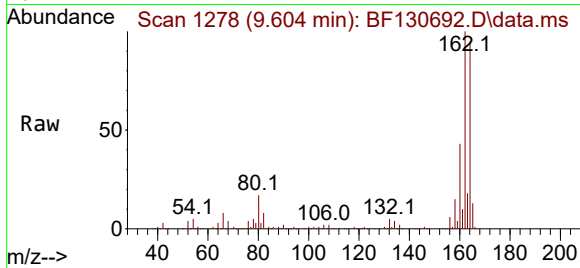




#50
Dimethylphthalate
Concen: 2.799 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.259 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

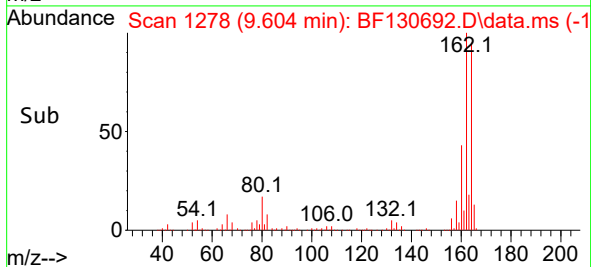
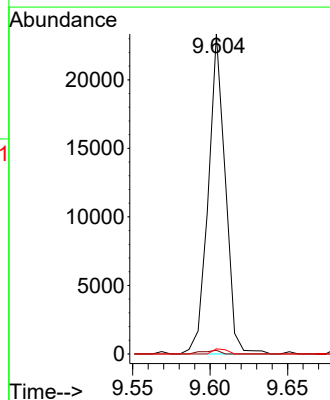
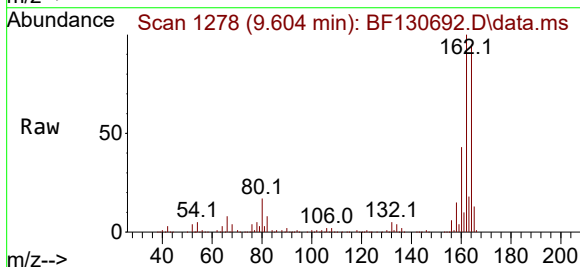
Instrument :
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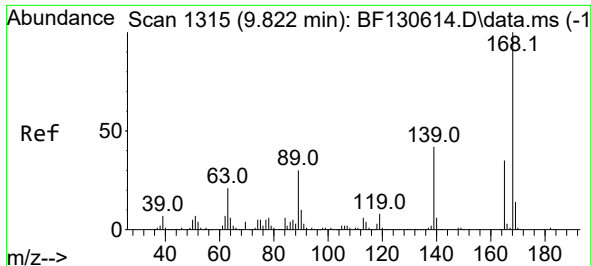
Tgt Ion:163 Resp: 26296
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 540.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.657 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.194 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion:165 Resp: 17840
Ion Ratio Lower Upper
165 100
63 1.2 45.3 67.9#
89 1.6 45.6 68.4#

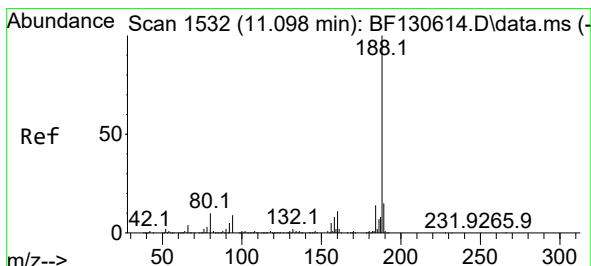
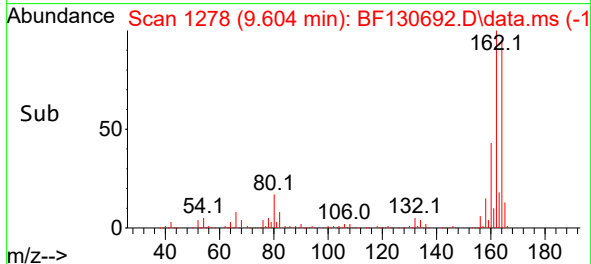
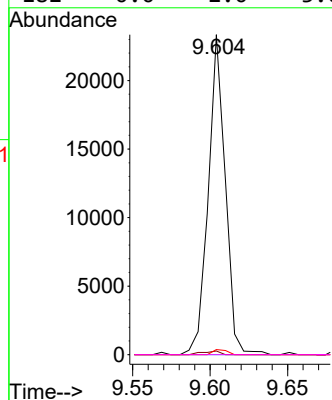
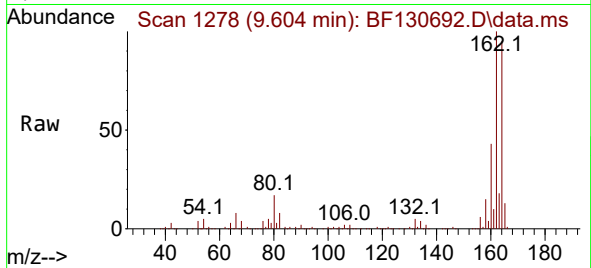




#57
2,4-Dinitrotoluene
Concen: 6.736 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

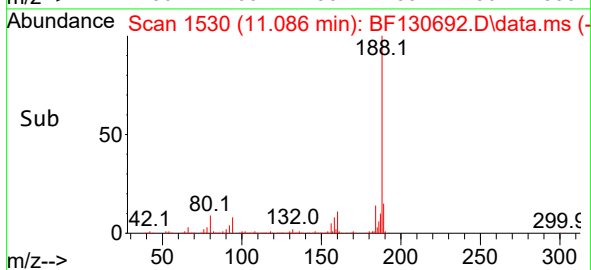
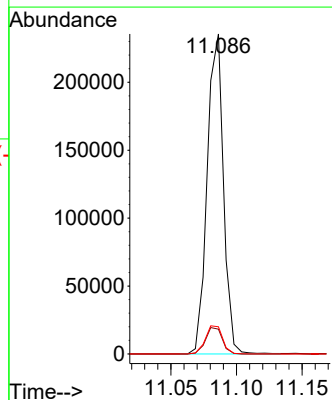
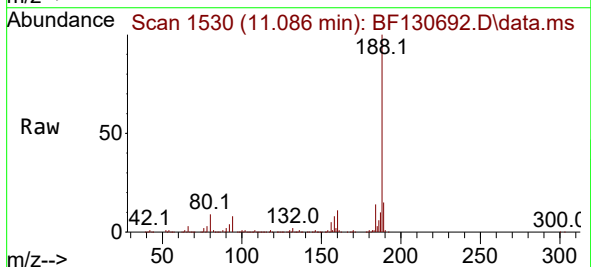
Instrument :
BNA_F
ClientSampleId :
WC-9

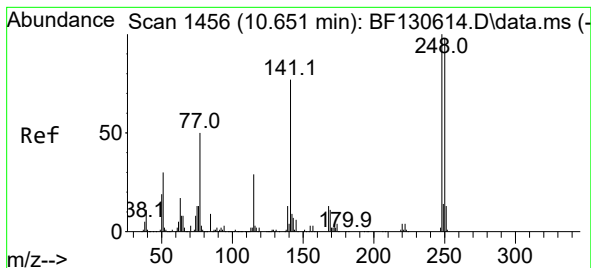
Tgt Ion:165 Resp: 17840
Ion Ratio Lower Upper
165 100
63 1.2 50.6 76.0#
89 1.6 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion:188 Resp: 203951
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.5 8.0 12.0

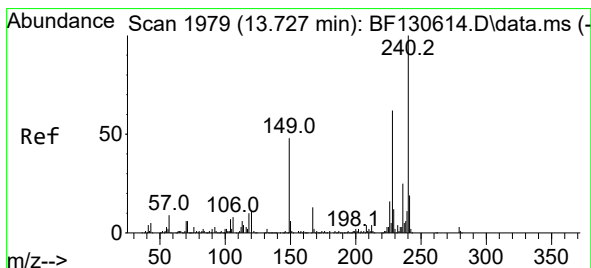
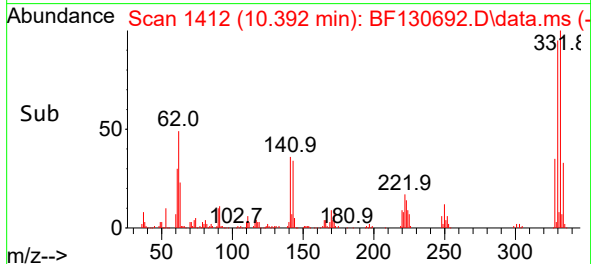
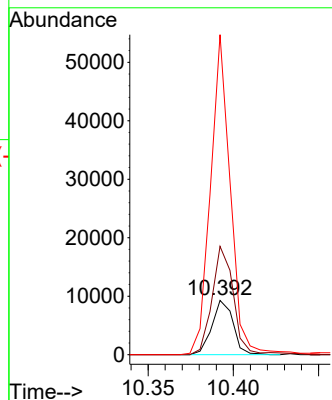
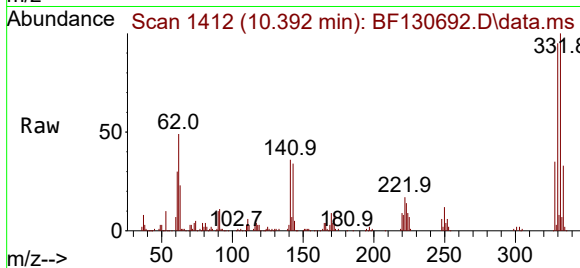




#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 10.392 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

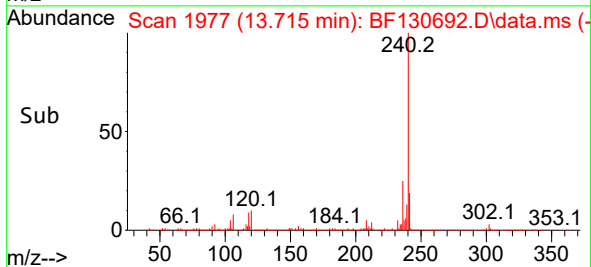
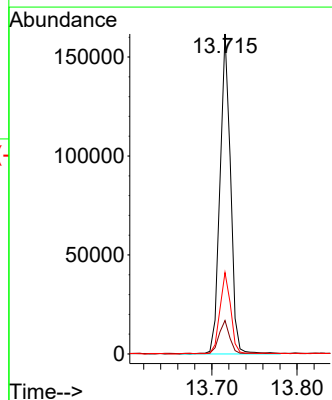
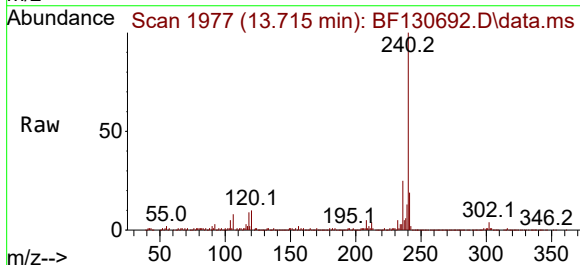
Instrument :
BNA_F
ClientSampleId :
WC-9

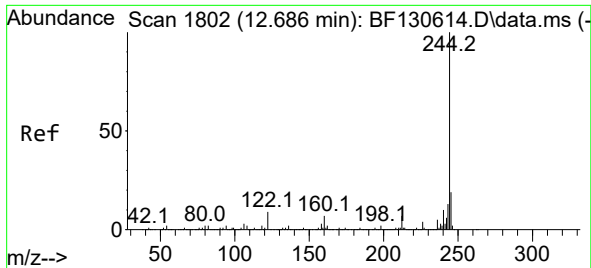
Tgt Ion:248 Resp: 8039
Ion Ratio Lower Upper
248 100
250 199.8 78.7 118.1#
141 589.8 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130692.D
Acq: 17 Oct 2022 18:02

Tgt Ion:240 Resp: 139052
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.4 20.2 30.4

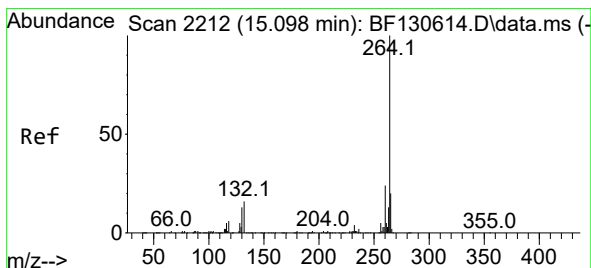
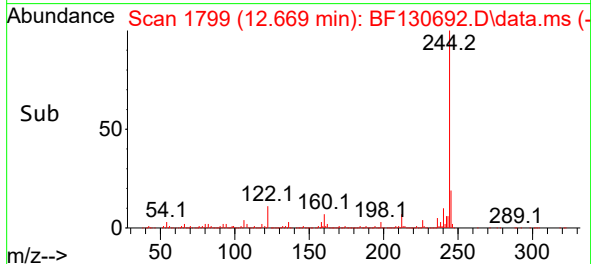
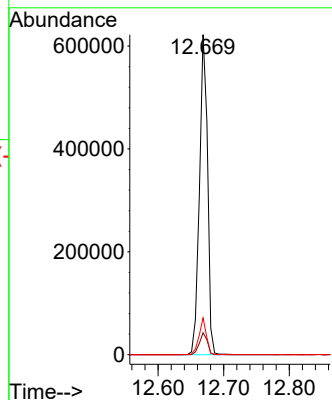
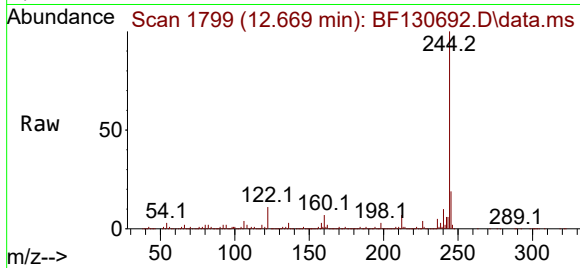




#79
 Terphenyl-d14
 Concen: 63.802 ng
 RT: 12.669 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF130692.D
 Acq: 17 Oct 2022 18:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-9

Tgt Ion:244 Resp: 534533
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.5 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. 0.006 min
 Lab File: BF130692.D
 Acq: 17 Oct 2022 18:02

Tgt Ion:264 Resp: 107021
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 20.4 16.4 24.6

