

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
 Data File : BF130758.D
 Acq On : 24 Oct 2022 12:38
 Operator : CG\JU
 Sample : PB148413BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

Quant Time: Oct 24 17:27:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

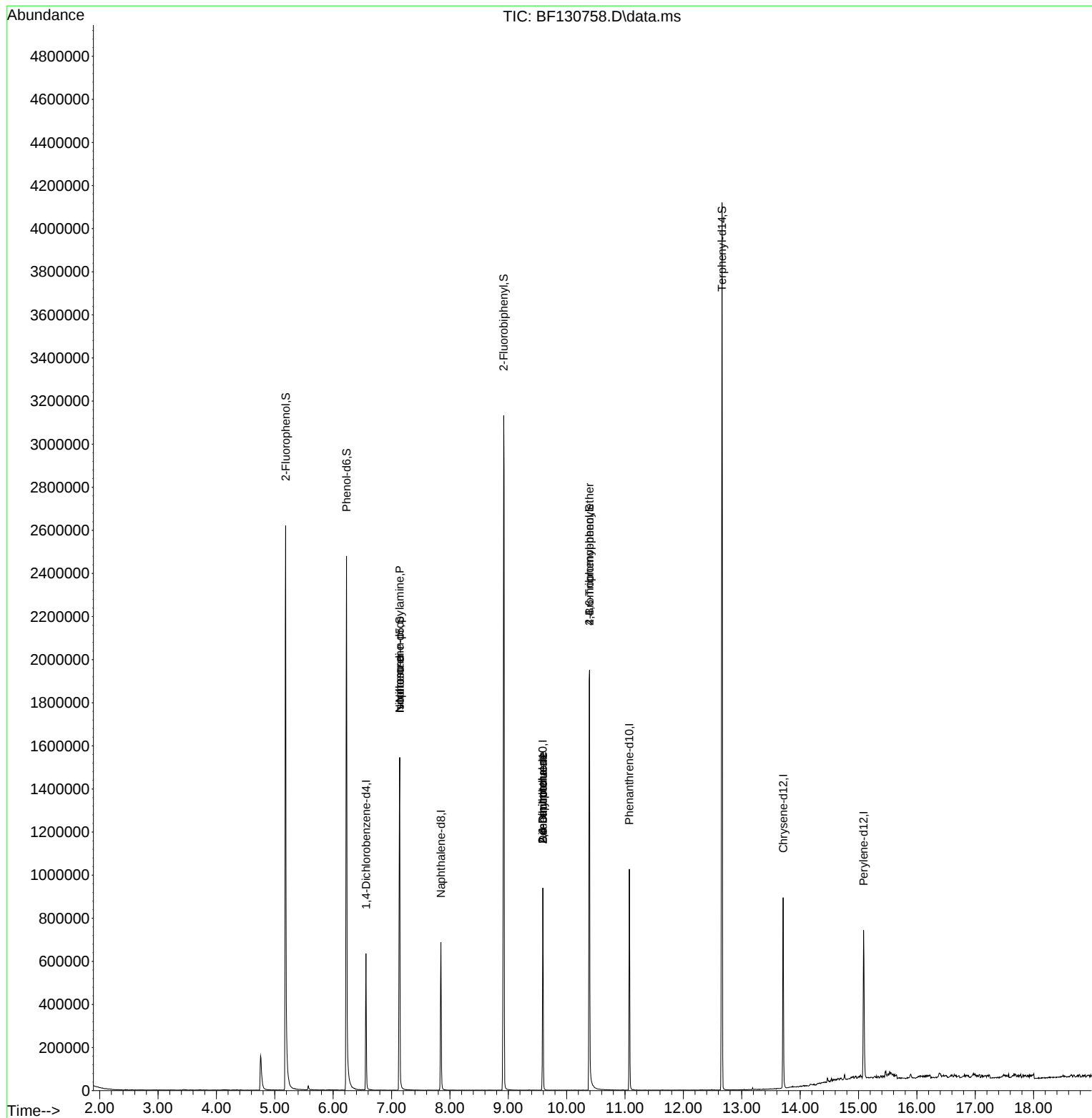
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	92285	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	339215	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	189913	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	345067	20.000	ng	0.00
76) Chrysene-d12	13.710	240	296957	20.000	ng	0.00
86) Perylene-d12	15.086	264	272758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	833328	155.713	ng	0.02
7) Phenol-d6	6.228	99	1004084	155.068	ng	0.00
23) Nitrobenzene-d5	7.139	82	574871	89.901	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	280080	155.078	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1156888	92.833	ng	0.00
79) Terphenyl-d14	12.663	244	1503128	85.300	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	77874	17.798	ng	# 76
25) Isophorone	7.139	82	574866	54.564	ng	# 65
50) Dimethylphthalate	9.592	163	35340	2.767	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	24224	8.468	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	24224	6.286	ng	# 28
67) 4-Bromophenyl-phenylether	10.392	248	16740	4.033	ng	# 1
77) Benzidine	12.663	184	20554	Below Cal		# 94

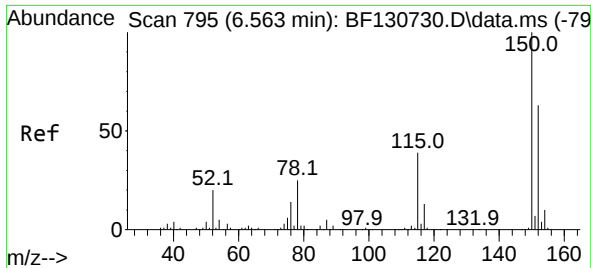
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
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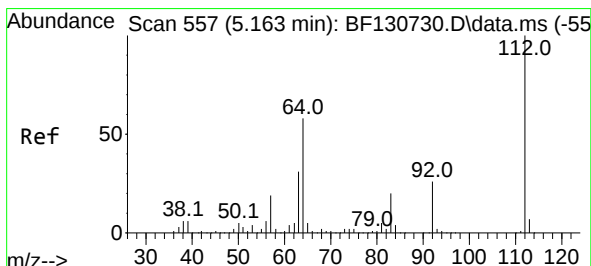
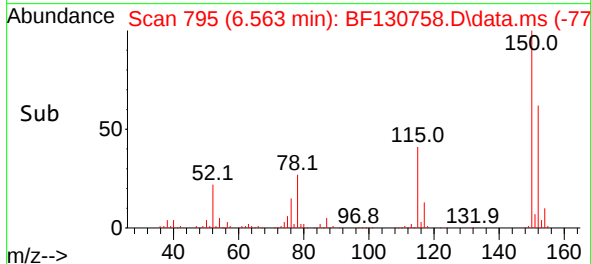
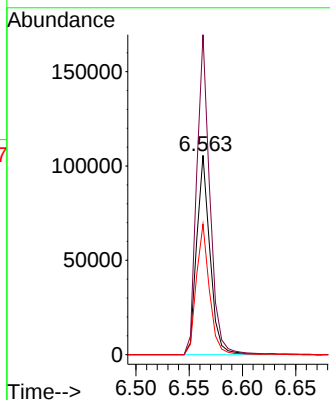
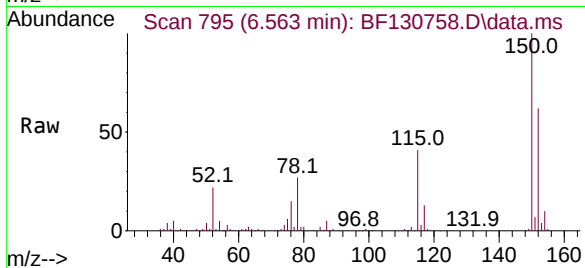




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

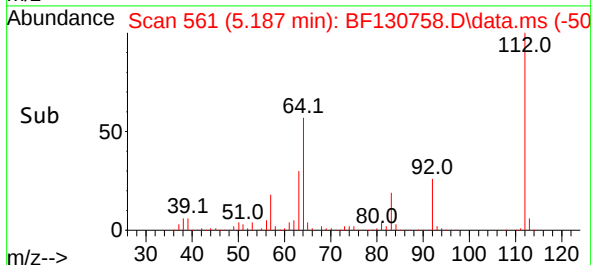
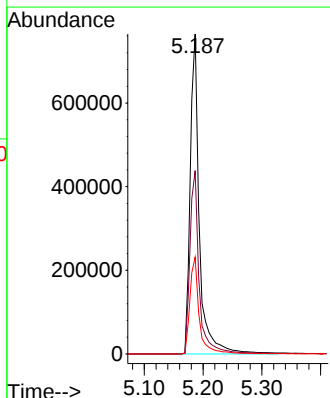
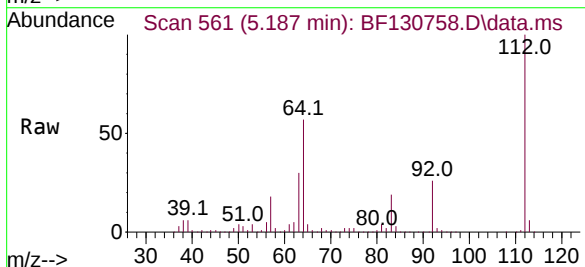
Instrument :
BNA_F
ClientSampleId :
PB148413BL

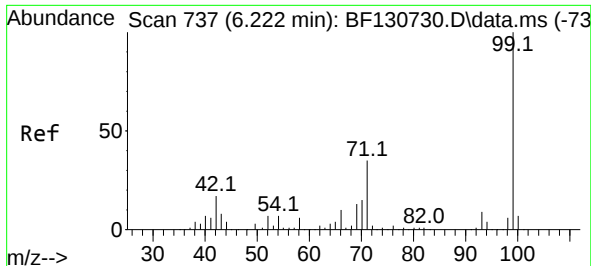
Tgt Ion:152 Resp: 92285
Ion Ratio Lower Upper
152 100
150 160.6 127.0 190.6
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 155.713 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.024 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion:112 Resp: 833328
Ion Ratio Lower Upper
112 100
64 57.3 46.2 69.4
63 30.3 25.1 37.7

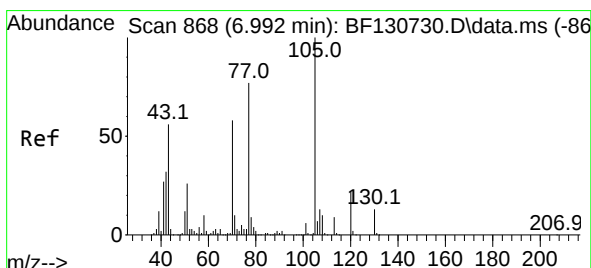
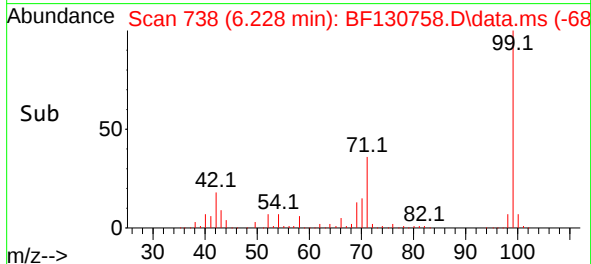
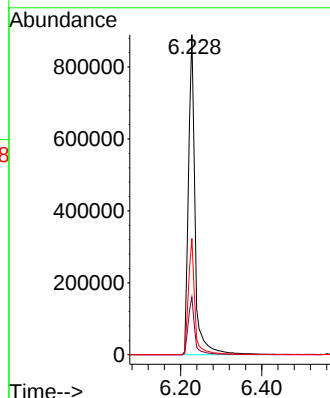
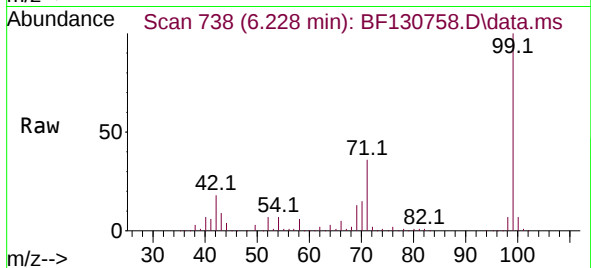




#7
Phenol-d6
Concen: 155.068 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

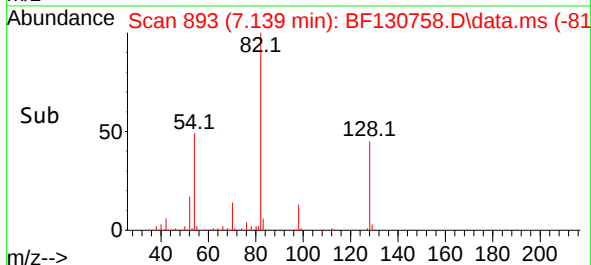
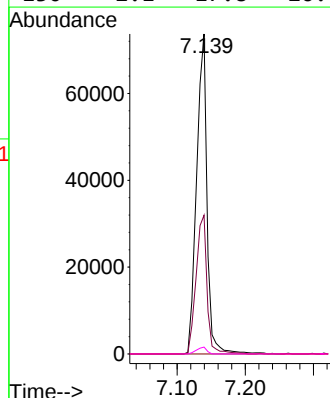
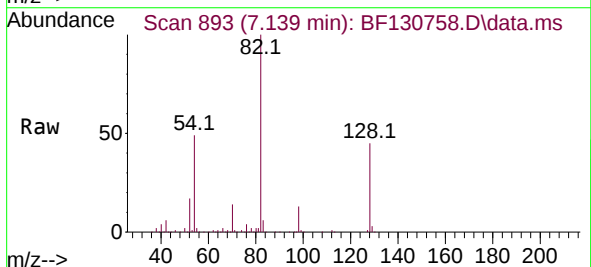
Instrument :
BNA_F
ClientSampleId :
PB148413BL

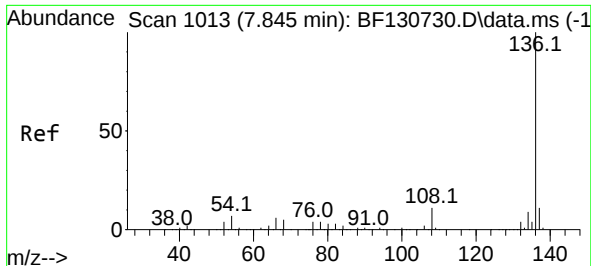
Tgt Ion: 99 Resp: 1004084
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.8
71 36.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.798 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

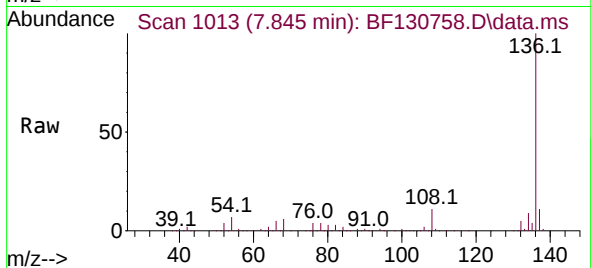
Tgt Ion: 70 Resp: 77874
Ion Ratio Lower Upper
70 100
42 43.4 44.1 66.1#
101 0.0 8.3 12.5#
130 2.1 17.8 26.6#



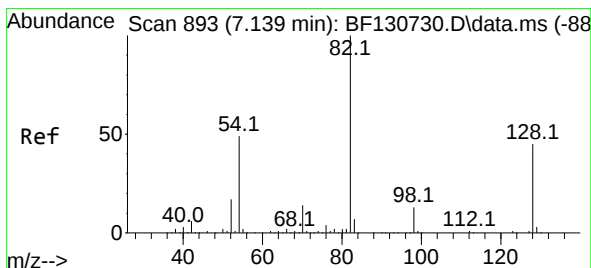
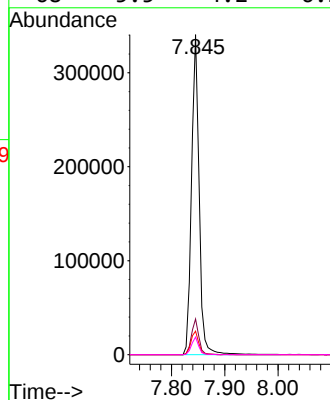
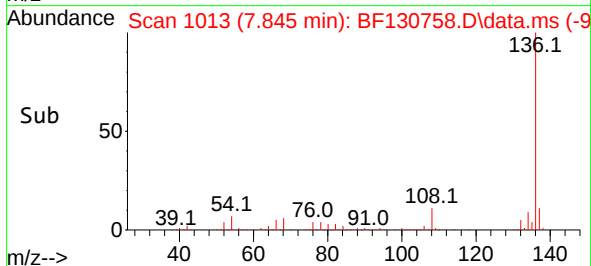


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

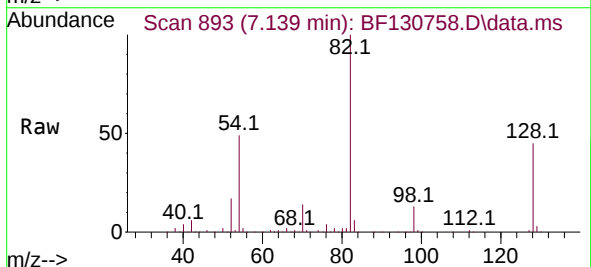
Instrument :
BNA_F
ClientSampleId :
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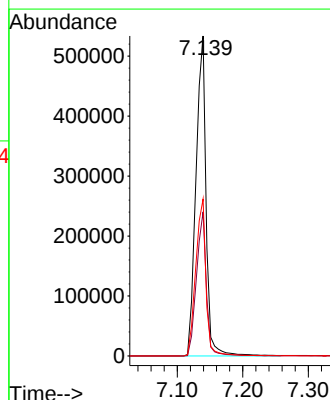
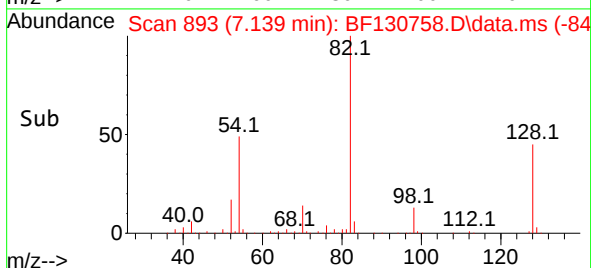
Tgt Ion:136 Resp: 339215
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 5.8 8.8
68 5.5 4.2 6.2

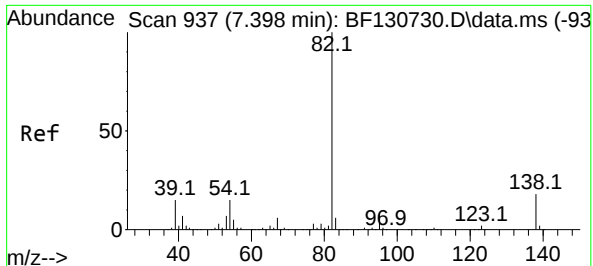


#23
Nitrobenzene-d5
Concen: 89.901 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38



Tgt Ion: 82 Resp: 574871
Ion Ratio Lower Upper
82 100
128 45.0 35.9 53.9
54 49.0 39.2 58.8

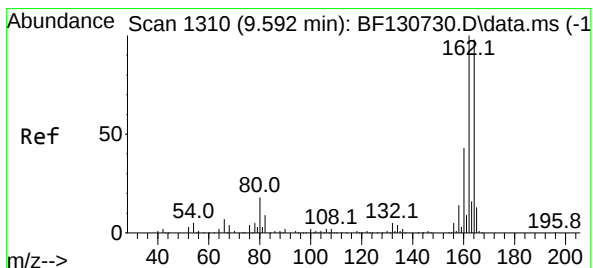
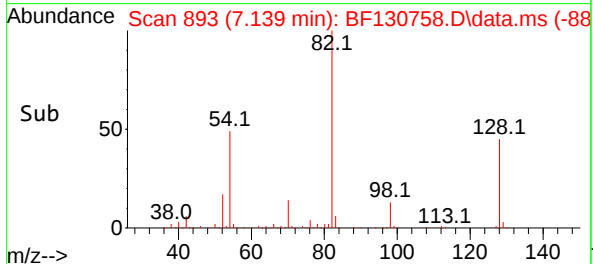
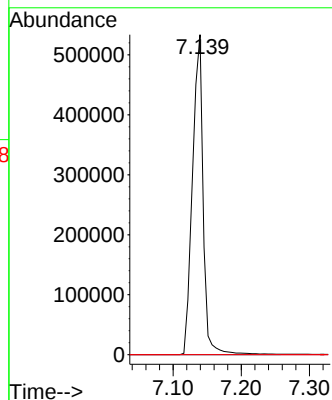
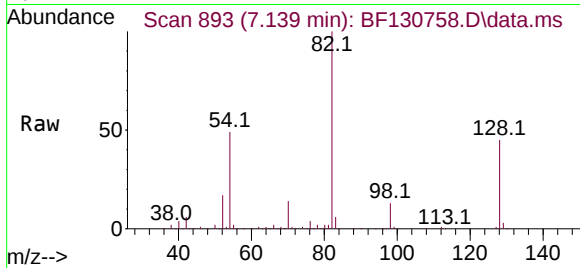




#25
Isophorone
Concen: 54.564 ng
RT: 7.139 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

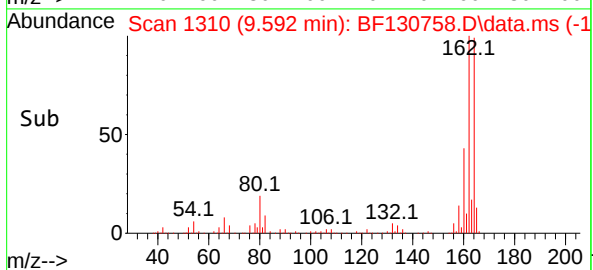
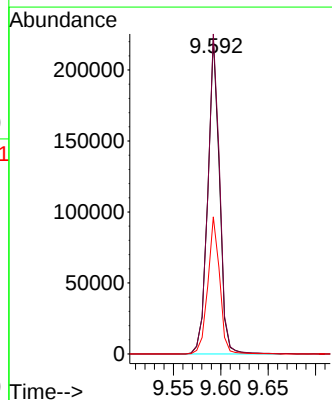
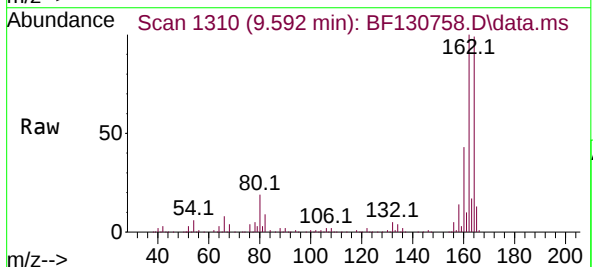
Instrument :
BNA_F
ClientSampleId :
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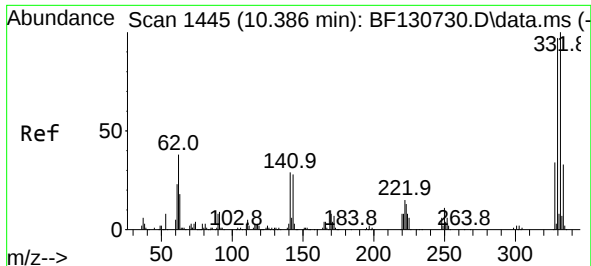
Tgt Ion: 82 Resp: 574866
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion:164 Resp: 189913
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 155.078 ng

RT: 10.392 min Scan# 1446

Delta R.T. 0.006 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB148413BL

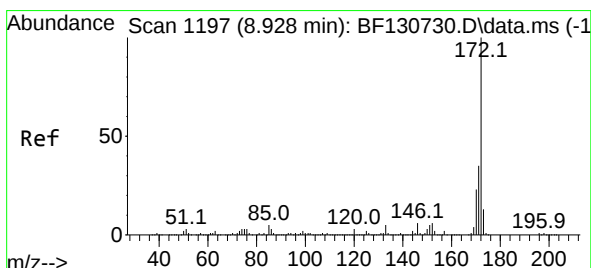
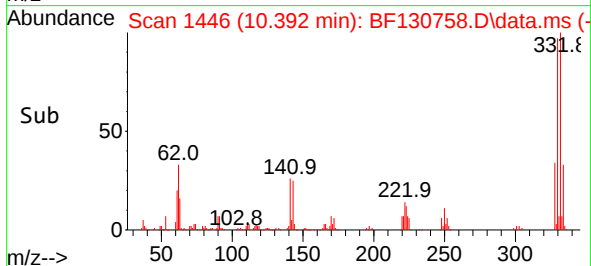
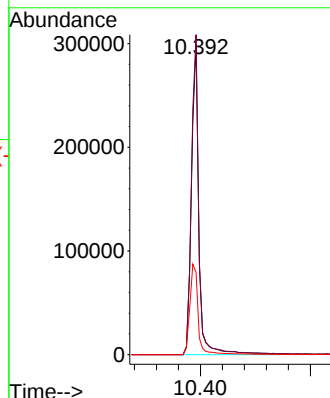
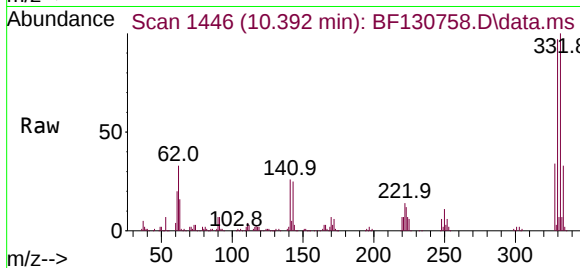
Tgt Ion:330 Resp: 280080

Ion Ratio Lower Upper

330 100

332 104.2 81.4 122.2

141 33.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 92.833 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

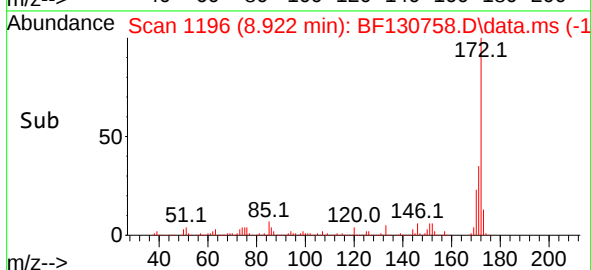
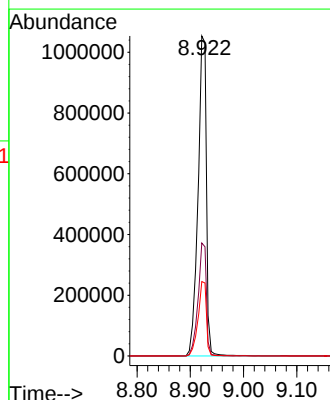
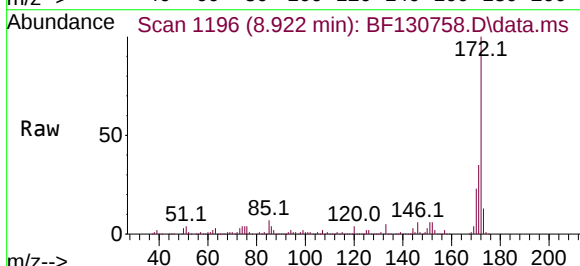
Tgt Ion:172 Resp: 1156888

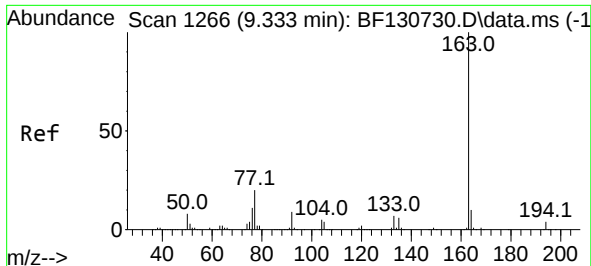
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.5 27.7

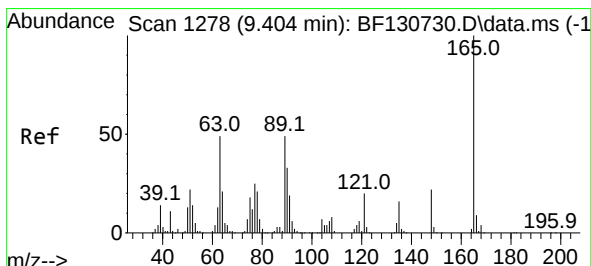
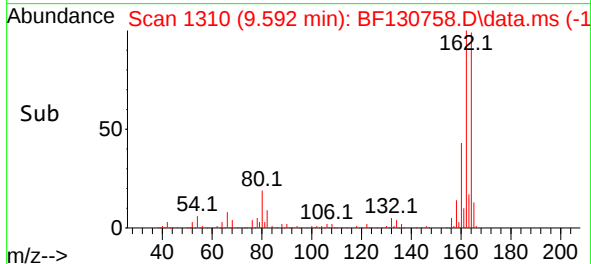
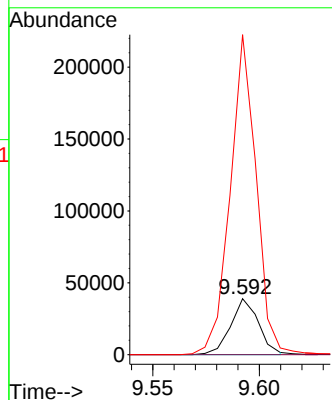
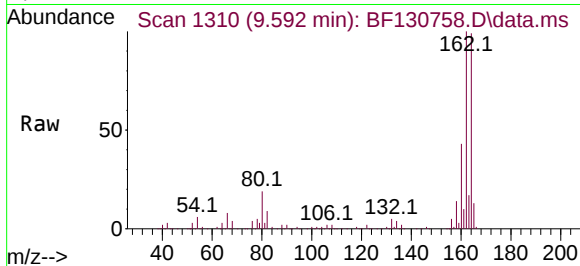




#50
Dimethylphthalate
Concen: 2.767 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

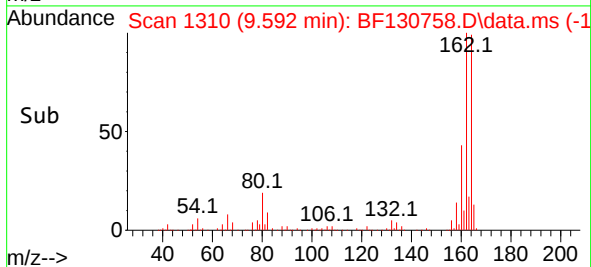
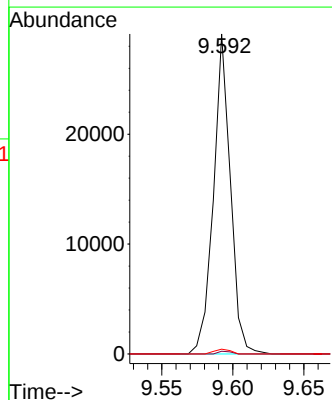
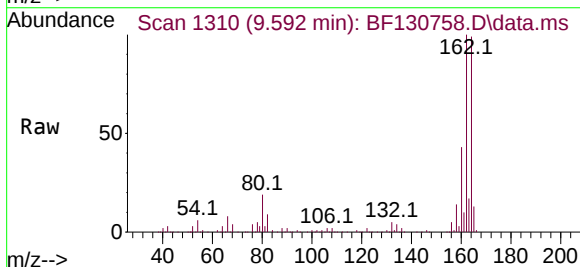
Instrument :
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PB148413BL

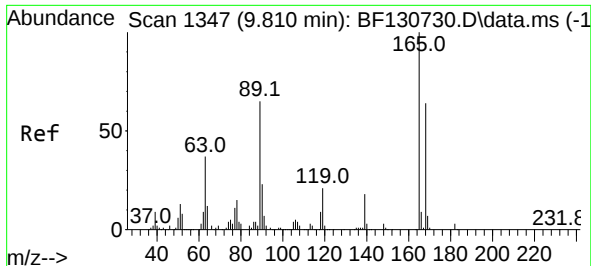
Tgt Ion:163 Resp: 35340
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 571.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion:165 Resp: 24224
Ion Ratio Lower Upper
165 100
63 0.8 38.8 58.2#
89 1.5 39.4 59.2#





#57

2,4-Dinitrotoluene

Concen: 6.286 ng

RT: 9.592 min Scan# 1

Delta R.T. -0.218 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB148413BL

Tgt Ion:165 Resp: 24224

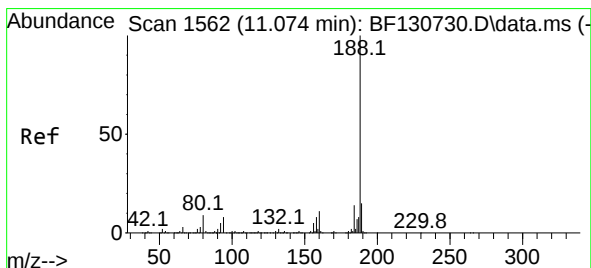
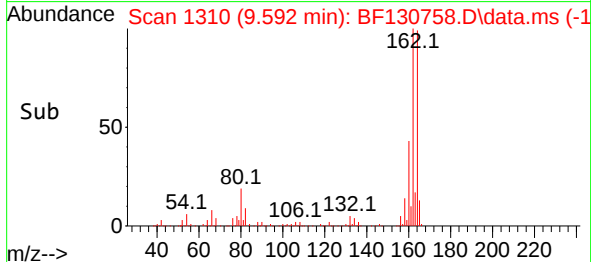
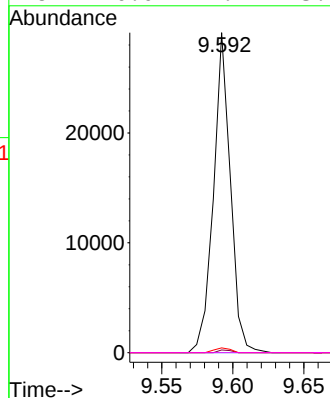
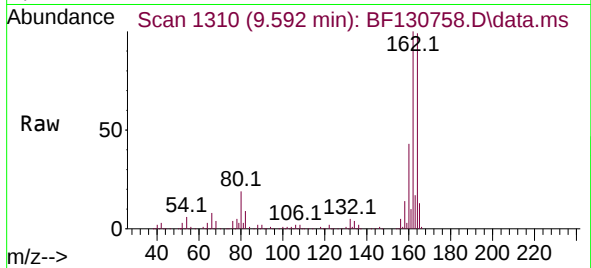
Ion Ratio Lower Upper

165 100

63 0.8 32.6 49.0#

89 1.5 51.9 77.9#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.074 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

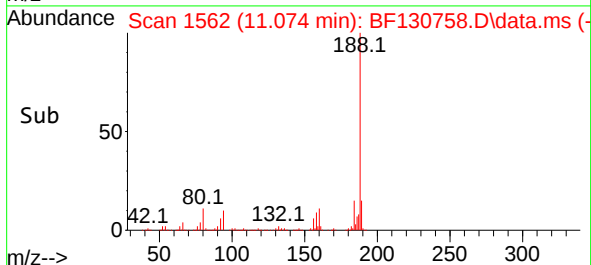
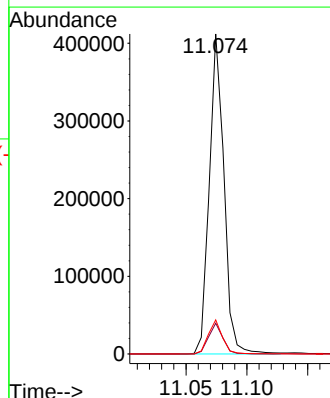
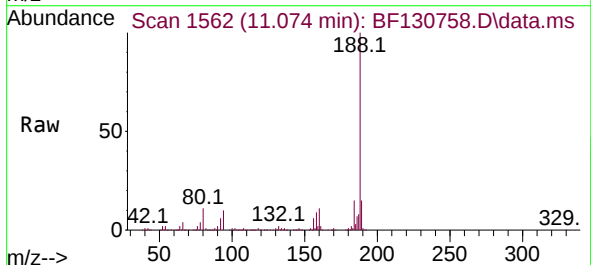
Tgt Ion:188 Resp: 345067

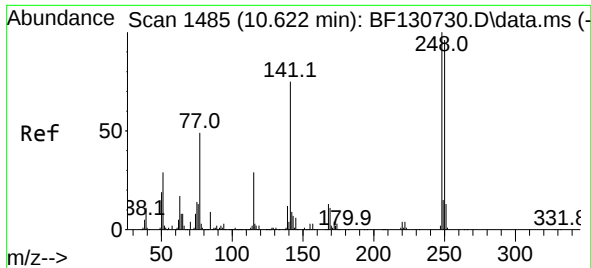
Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

80 10.7 7.4 11.0

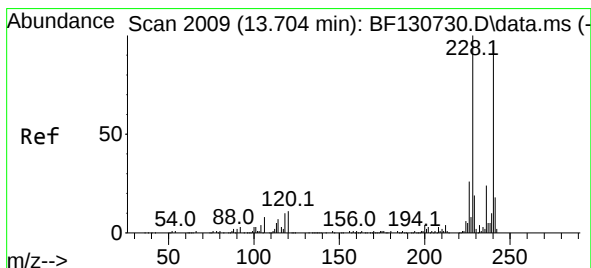
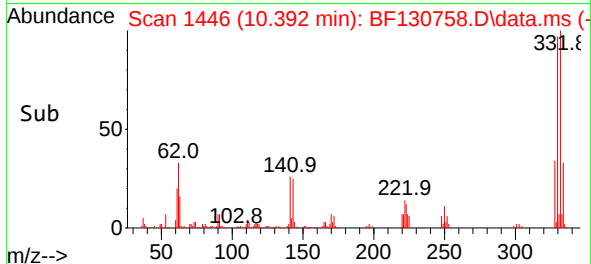
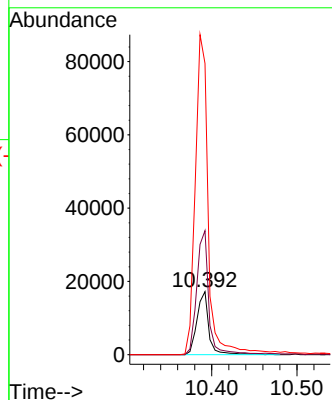
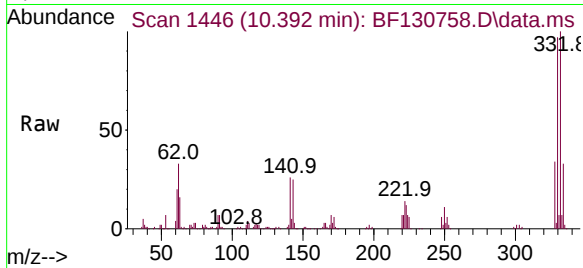




#67
4-Bromophenyl-phenylether
Concen: 4.033 ng
RT: 10.392 min Scan# 1446
Delta R.T. -0.229 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

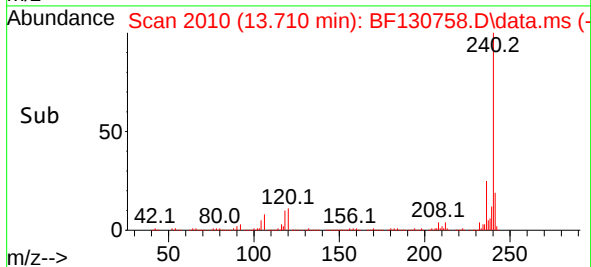
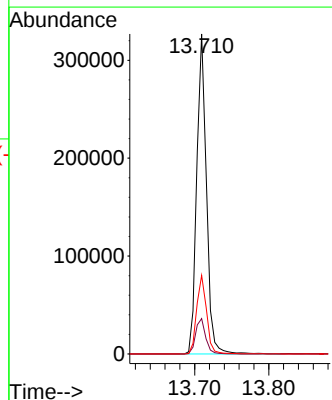
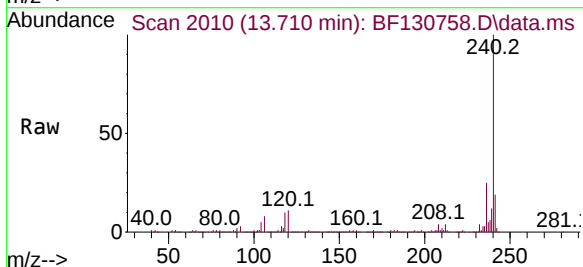
Instrument :
BNA_F
ClientSampleId :
PB148413BL

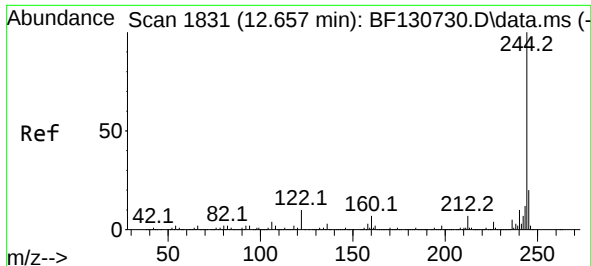
Tgt Ion:248 Resp: 16740
Ion Ratio Lower Upper
248 100
250 196.6 77.0 115.6#
141 461.8 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion:240 Resp: 296957
Ion Ratio Lower Upper
240 100
120 11.0 9.6 14.4
236 24.6 20.2 30.2

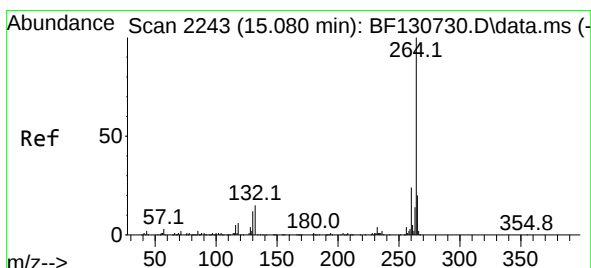
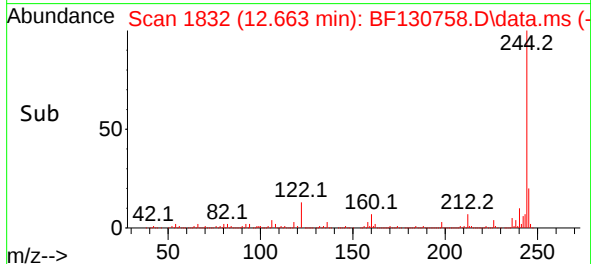
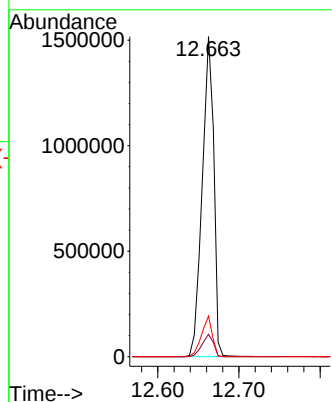
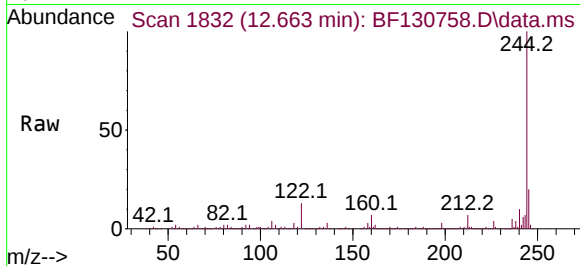




#79
 Terphenyl-d14
 Concen: 85.300 ng
 RT: 12.663 min Scan# 1832
 Delta R.T. 0.005 min
 Lab File: BF130758.D
 Acq: 24 Oct 2022 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

Tgt Ion:244 Resp: 1503128
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.006 min
 Lab File: BF130758.D
 Acq: 24 Oct 2022 12:38

Tgt Ion:264 Resp: 272758
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.1 16.2 24.4

