

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130792.D
 Acq On : 26 Oct 2022 20:05
 Operator : CG\JU
 Sample : N5281-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: Oct 27 09:05:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

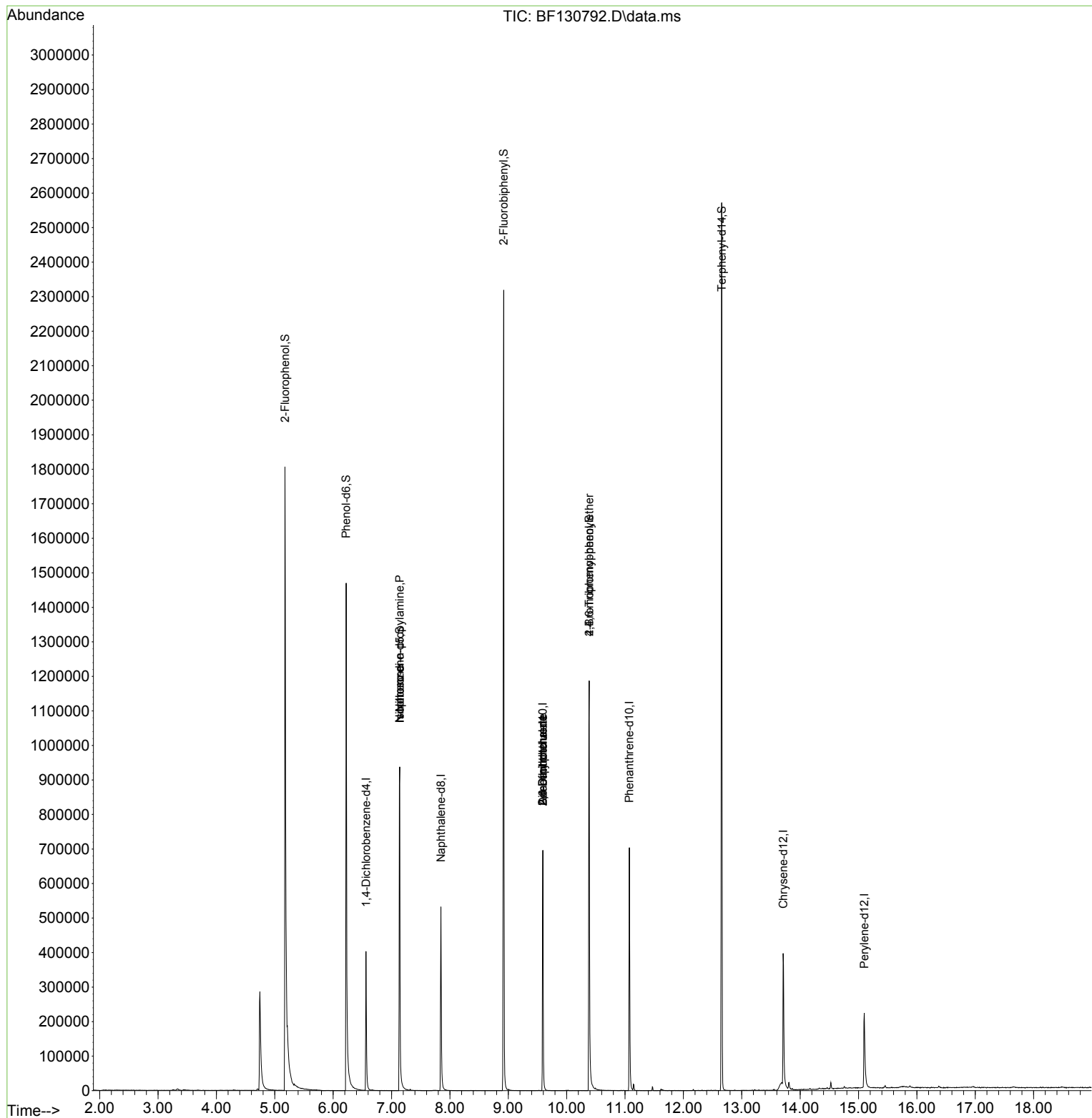
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	62730	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	258879	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144569	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	261426	20.000	ng	0.00
76) Chrysene-d12	13.710	240	155407	20.000	ng	0.00
86) Perylene-d12	15.098	264	119563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	716018	196.828	ng	0.00
7) Phenol-d6	6.222	99	549540	124.855	ng	0.00
23) Nitrobenzene-d5	7.140	82	343763	70.442	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	168248	122.376	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	724637	76.386	ng	0.00
79) Terphenyl-d14	12.657	244	819128	88.824	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.140	70	44823	15.071	ng	# 78
25) Isophorone	7.140	82	343763	42.754	ng	# 65
50) Dimethylphthalate	9.592	163	26486	2.724	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	19070	8.757	ng	# 29
57) 2,4-Dinitrotoluene	9.592	165	19070	6.501	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	10027	3.189	ng	# 1
77) Benzidine	12.657	184	10810	Below Cal		# 94

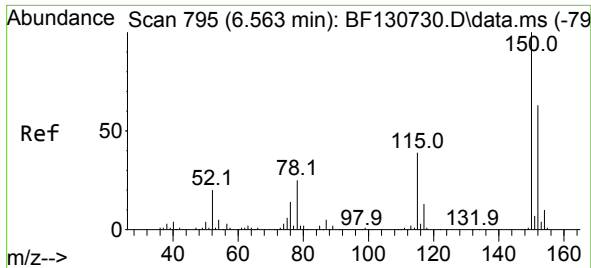
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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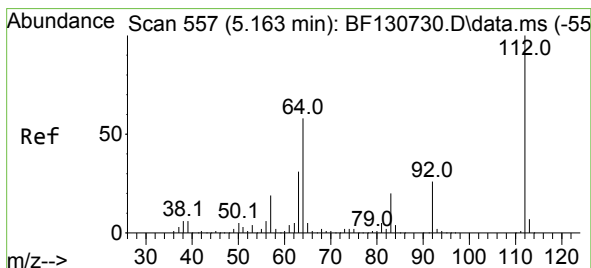
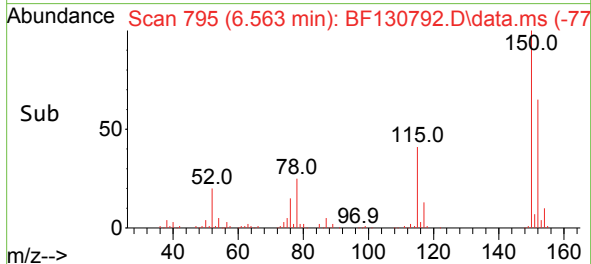
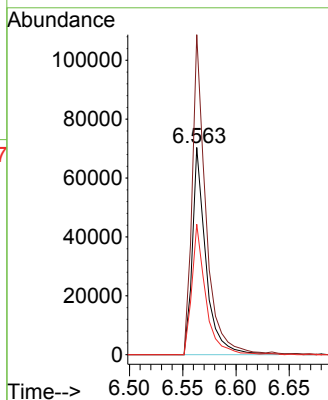
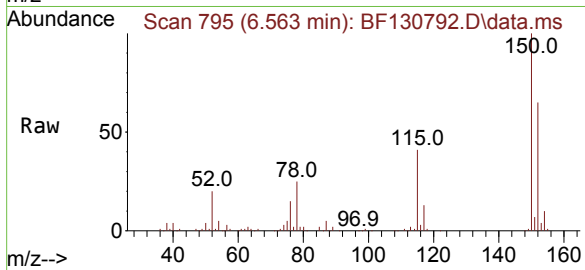




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

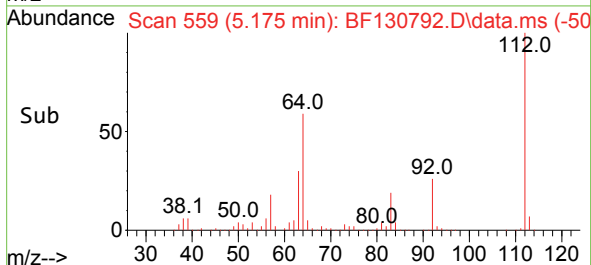
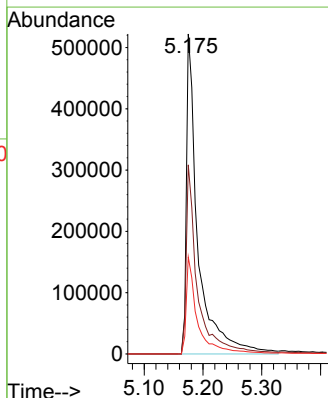
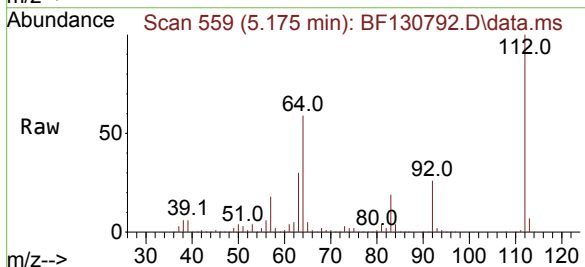
Instrument :
BNA_F
ClientSampleId :
SB-10

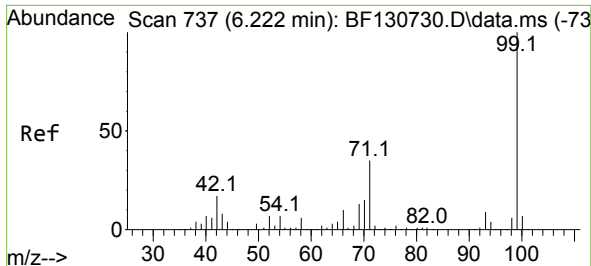
Tgt Ion:152 Resp: 62730
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 196.828 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion:112 Resp: 716018
Ion Ratio Lower Upper
112 100
64 59.1 46.2 69.4
63 30.3 25.1 37.7

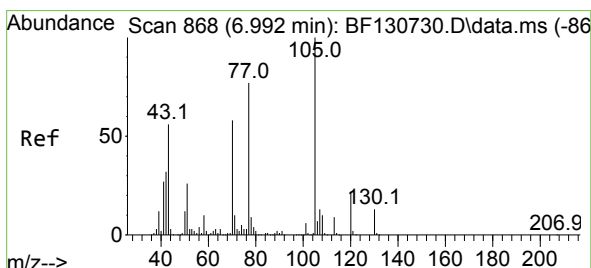
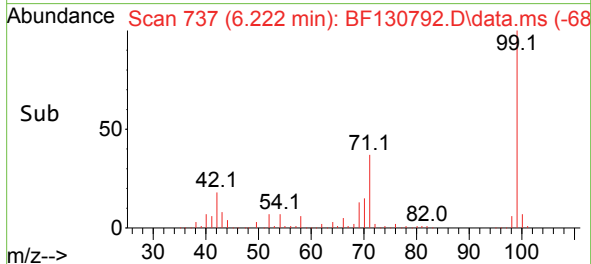
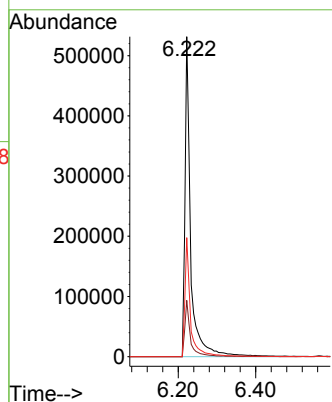
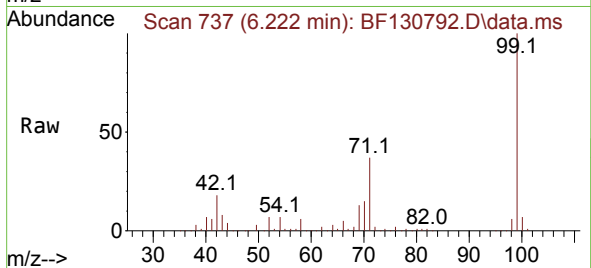




#7
Phenol-d6
Concen: 124.855 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

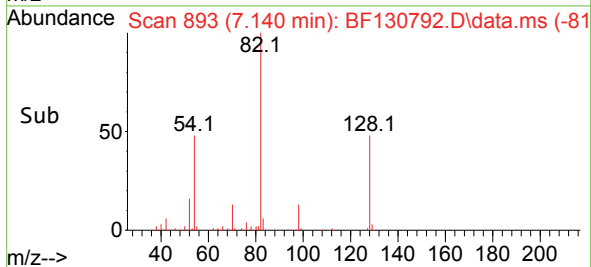
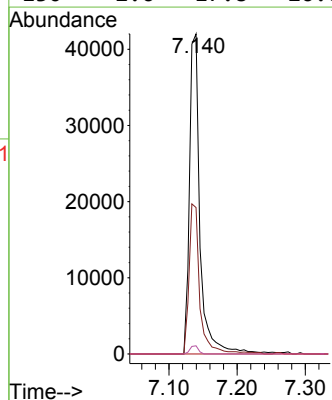
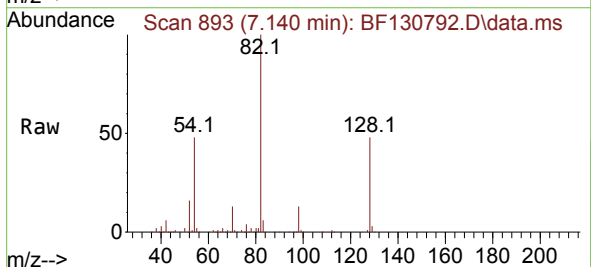
Instrument :
BNA_F
ClientSampleId :
SB-10

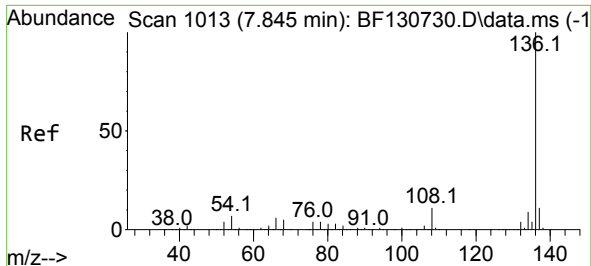
Tgt Ion: 99 Resp: 549540
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 37.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.071 ng
RT: 7.140 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion: 70 Resp: 44823
Ion Ratio Lower Upper
70 100
42 45.7 44.1 66.1
101 0.0 8.3 12.5#
130 2.6 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: BF130792.D

Acq: 26 Oct 2022 20:05

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion:136 Resp: 258879

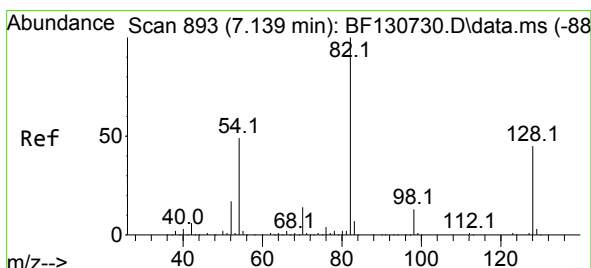
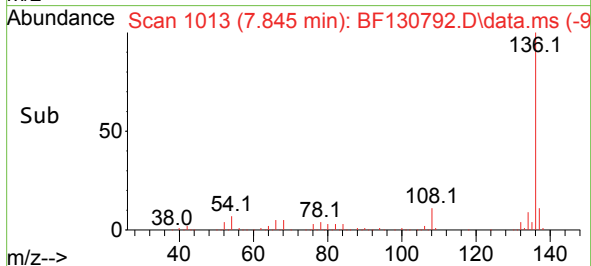
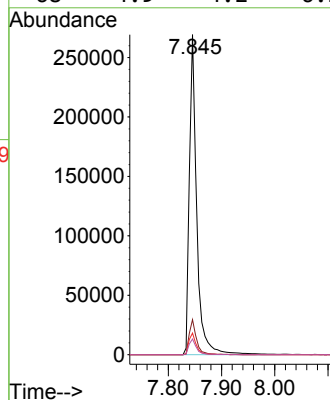
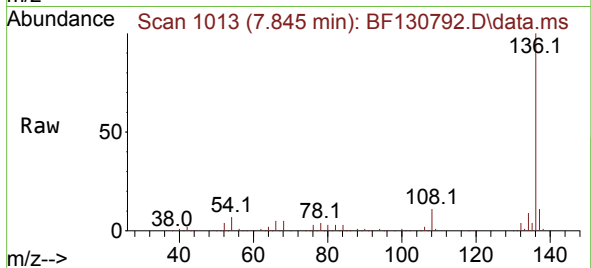
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.7 5.8 8.8

68 4.9 4.2 6.2



#23

Nitrobenzene-d5

Concen: 70.442 ng

RT: 7.140 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF130792.D

Acq: 26 Oct 2022 20:05

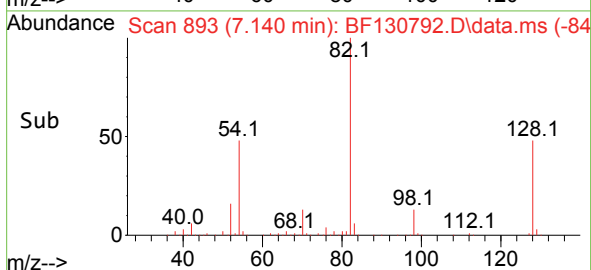
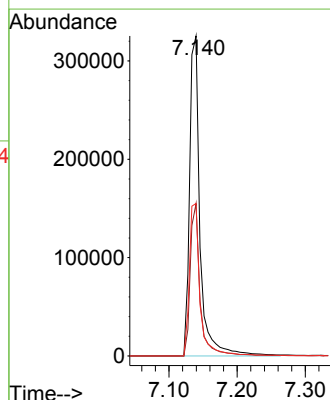
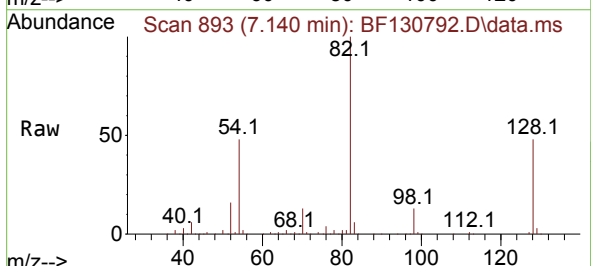
Tgt Ion: 82 Resp: 343763

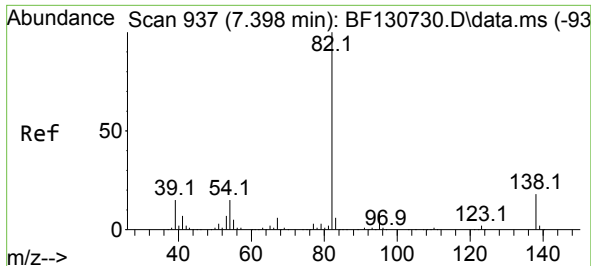
Ion Ratio Lower Upper

82 100

128 47.6 35.9 53.9

54 47.7 39.2 58.8

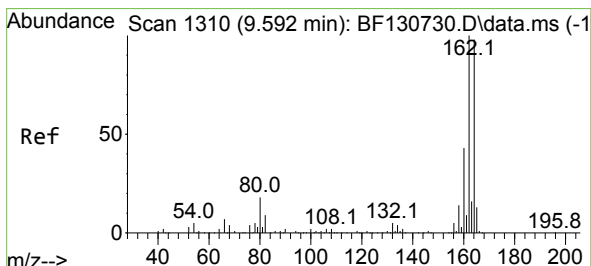
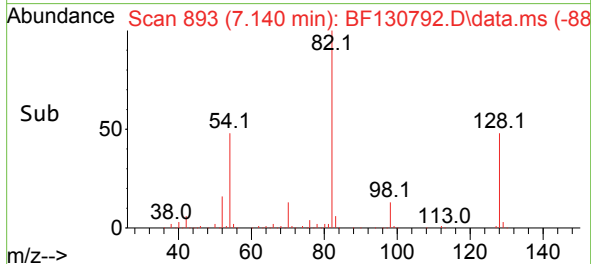
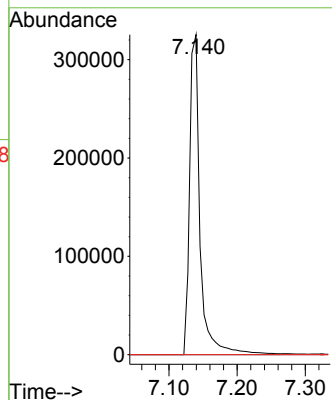
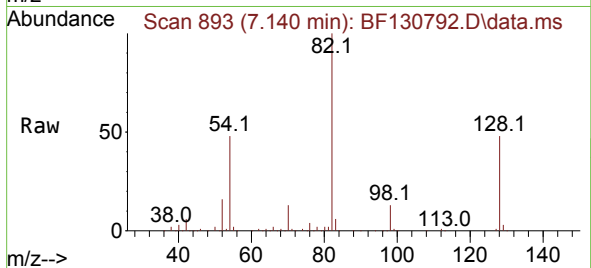




#25
Isophorone
Concen: 42.754 ng
RT: 7.140 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

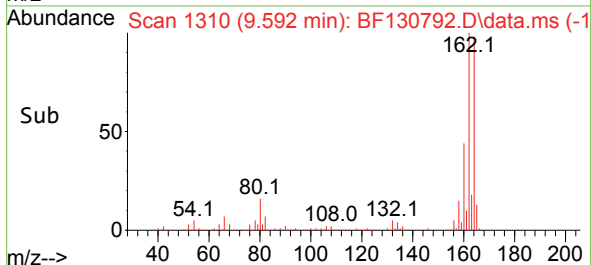
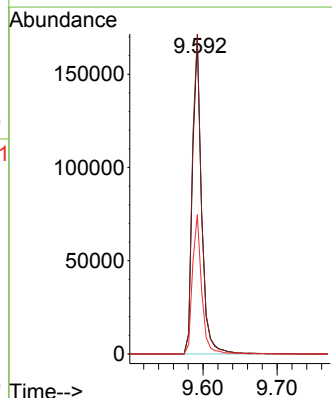
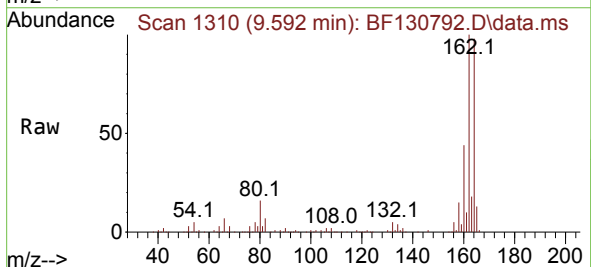
Instrument :
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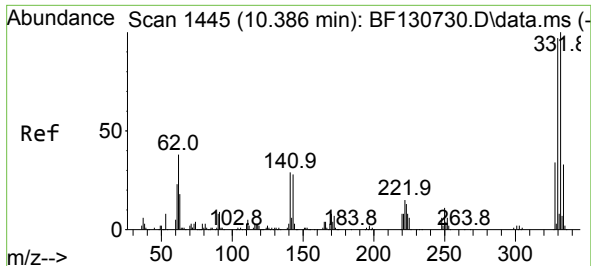
Tgt Ion: 82 Resp: 343763
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion:164 Resp: 144569
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.3 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 122.376 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF130792.D

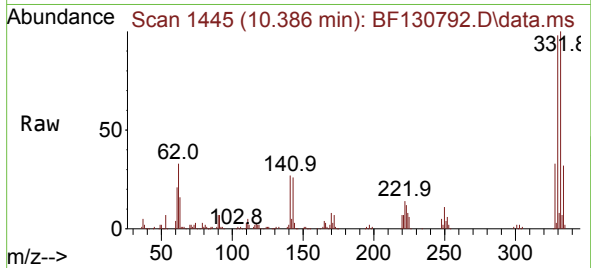
Acq: 26 Oct 2022 20:05

Instrument :

BNA_F

ClientSampleId :

SB-10



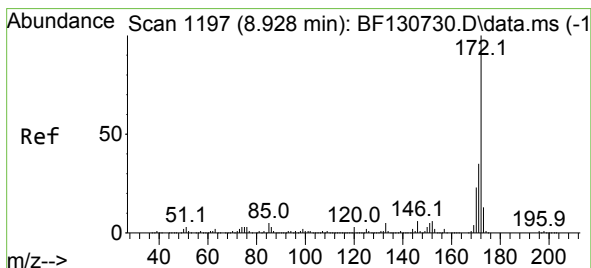
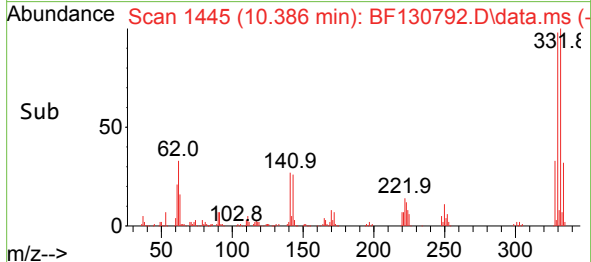
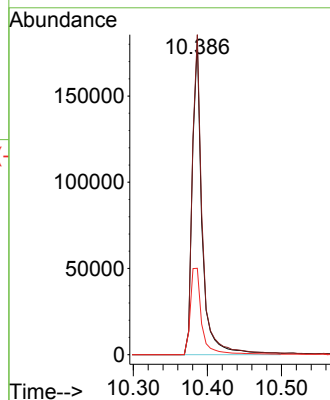
Tgt Ion:330 Resp: 168248

Ion Ratio Lower Upper

330 100

332 104.7 81.4 122.2

141 32.7 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 76.386 ng

RT: 8.922 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF130792.D

Acq: 26 Oct 2022 20:05

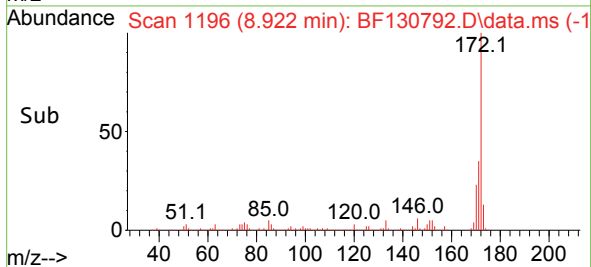
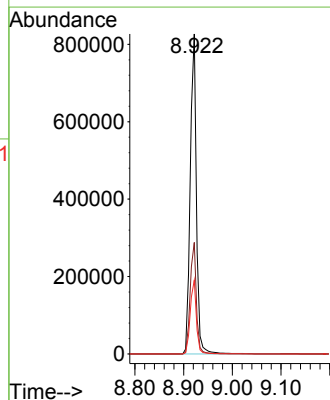
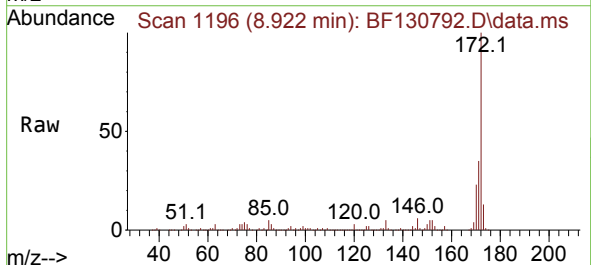
Tgt Ion:172 Resp: 724637

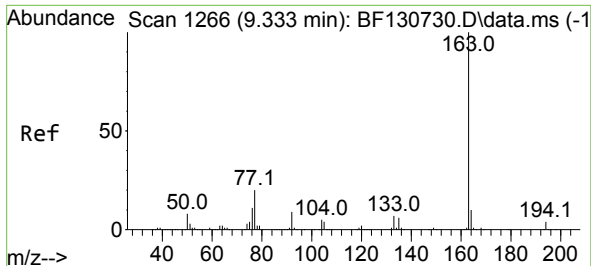
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.5 27.7

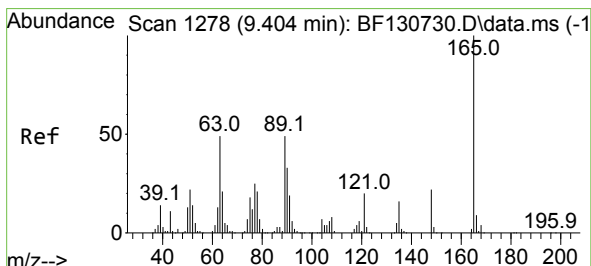
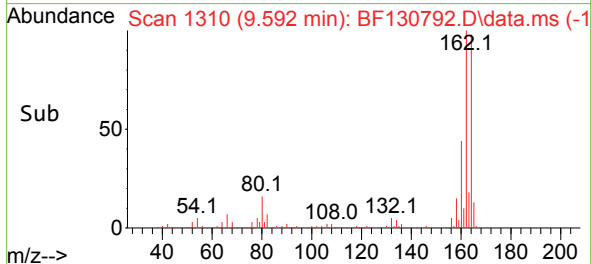
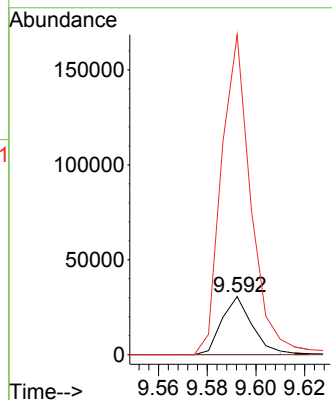
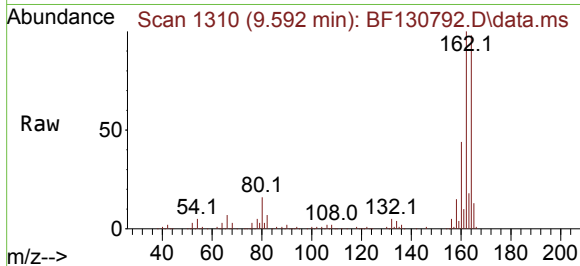




#50
Dimethylphthalate
Concen: 2.724 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

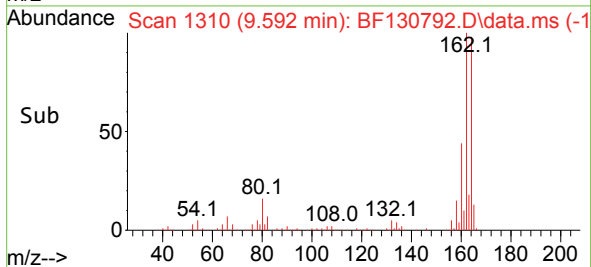
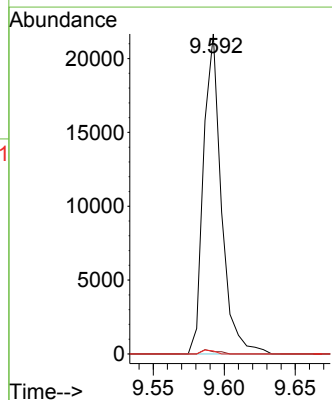
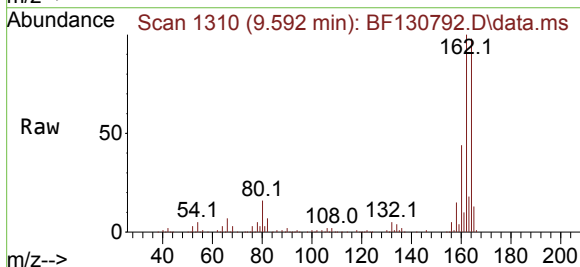
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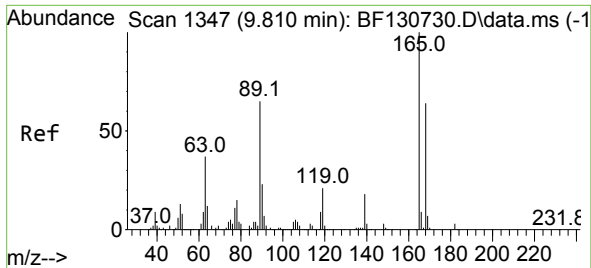
Tgt Ion:163 Resp: 26486
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 550.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.757 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion:165 Resp: 19070
Ion Ratio Lower Upper
165 100
63 0.7 38.8 58.2#
89 0.9 39.4 59.2#

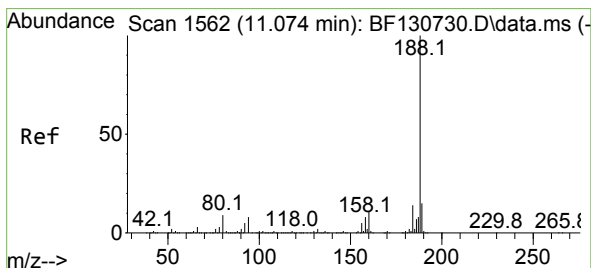
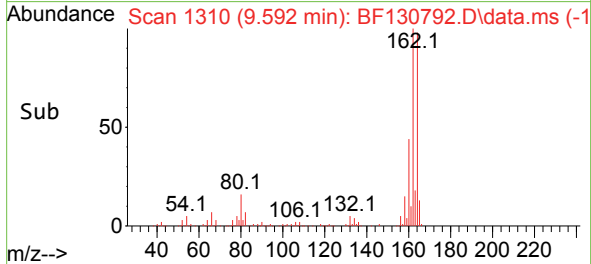
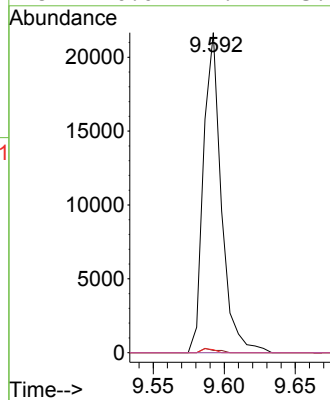
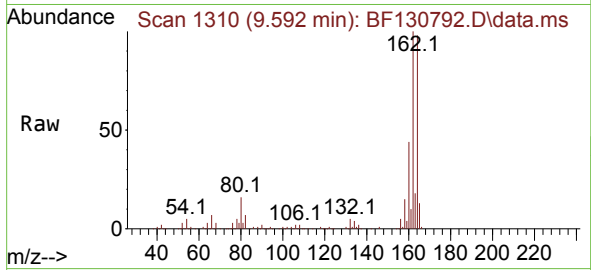




#57
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

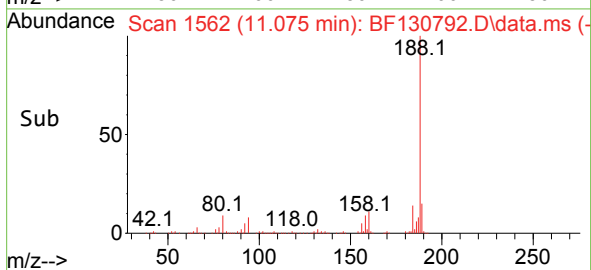
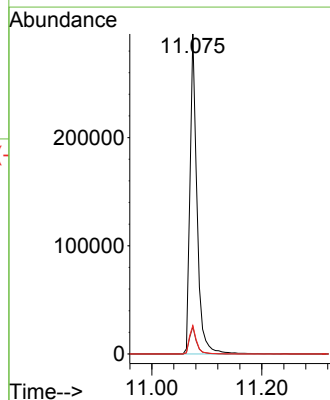
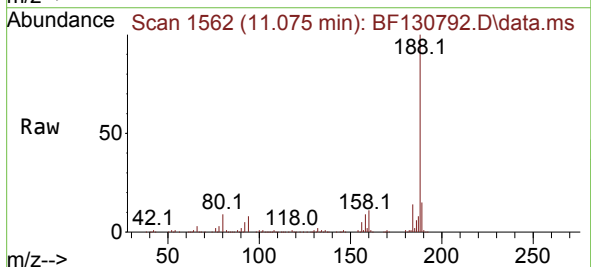
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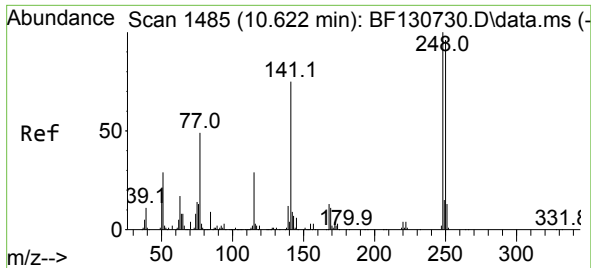
Tgt Ion:165 Resp: 19070
Ion Ratio Lower Upper
165 100
63 0.7 32.6 49.0#
89 0.9 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion:188 Resp: 261426
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.9 7.4 11.0

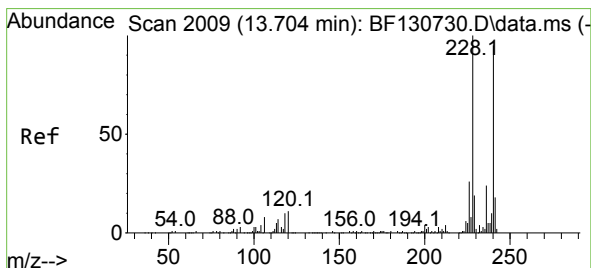
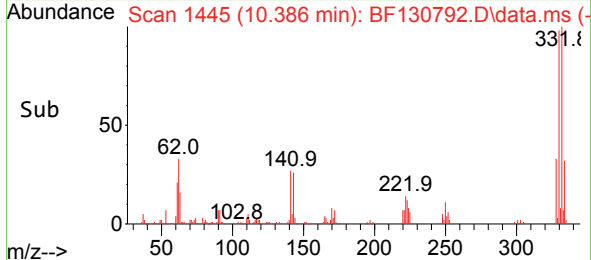
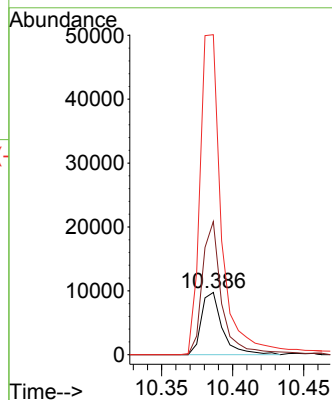
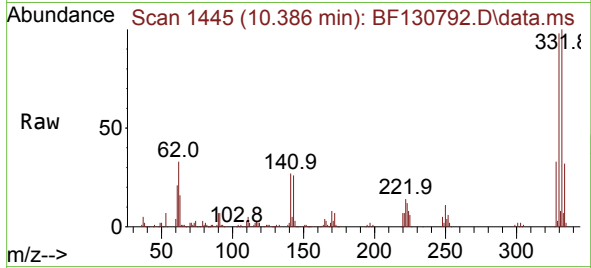




#67
4-Bromophenyl-phenylether
Concen: 3.189 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

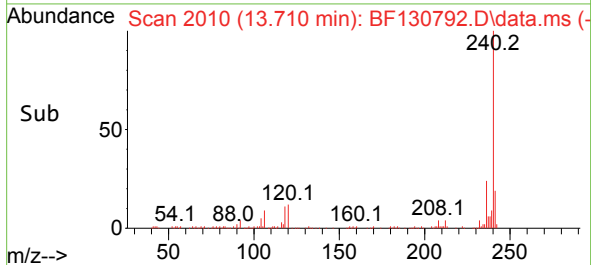
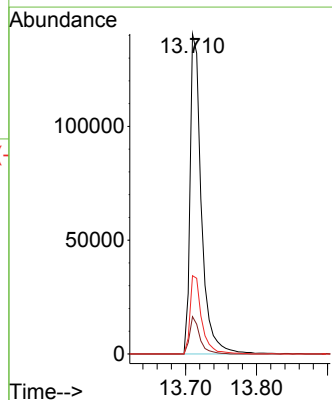
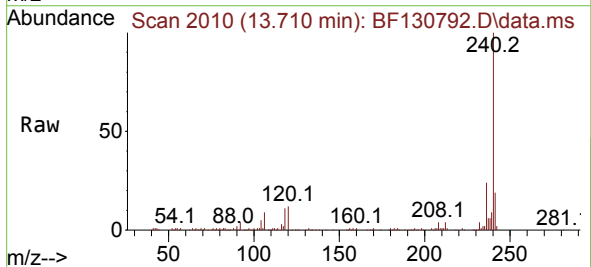
Instrument :
BNA_F
ClientSampleId :
SB-10

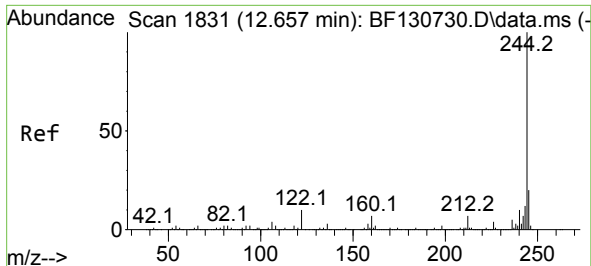
Tgt Ion:248 Resp: 10027
Ion Ratio Lower Upper
248 100
250 214.1 77.0 115.6#
141 514.6 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130792.D
Acq: 26 Oct 2022 20:05

Tgt Ion:240 Resp: 155407
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 24.5 20.2 30.2

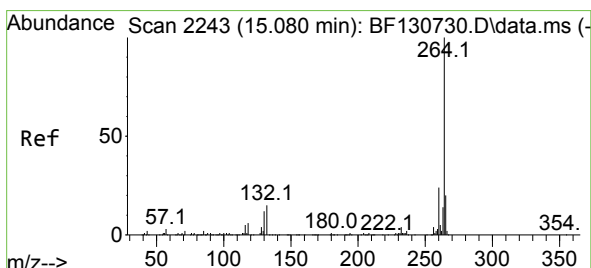
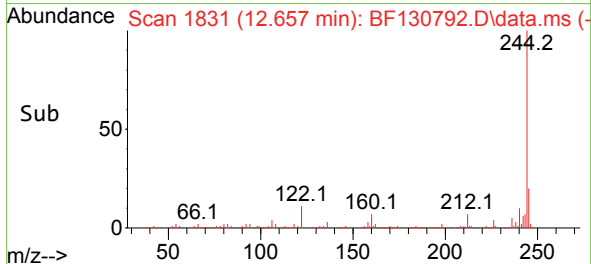
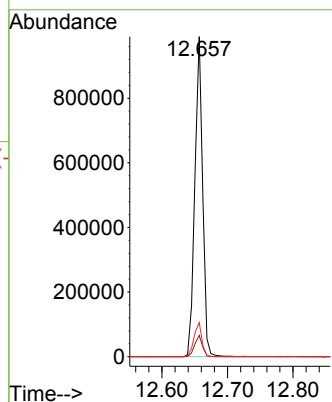
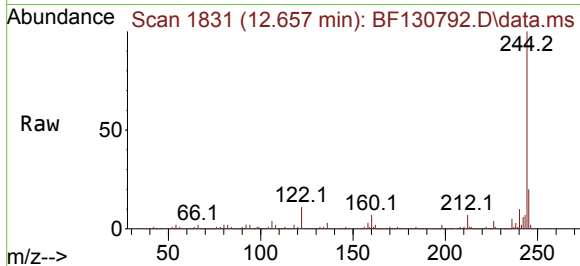




#79
 Terphenyl-d14
 Concen: 88.824 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: BF130792.D
 Acq: 26 Oct 2022 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion:244 Resp: 819128
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF130792.D
 Acq: 26 Oct 2022 20:05

Tgt Ion:264 Resp: 119563
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.1 16.2 24.4

