

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130560.D
 Acq On : 06 Oct 2022 20:25
 Operator : CG\JU
 Sample : N5014-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Oct 07 02:12:15 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)

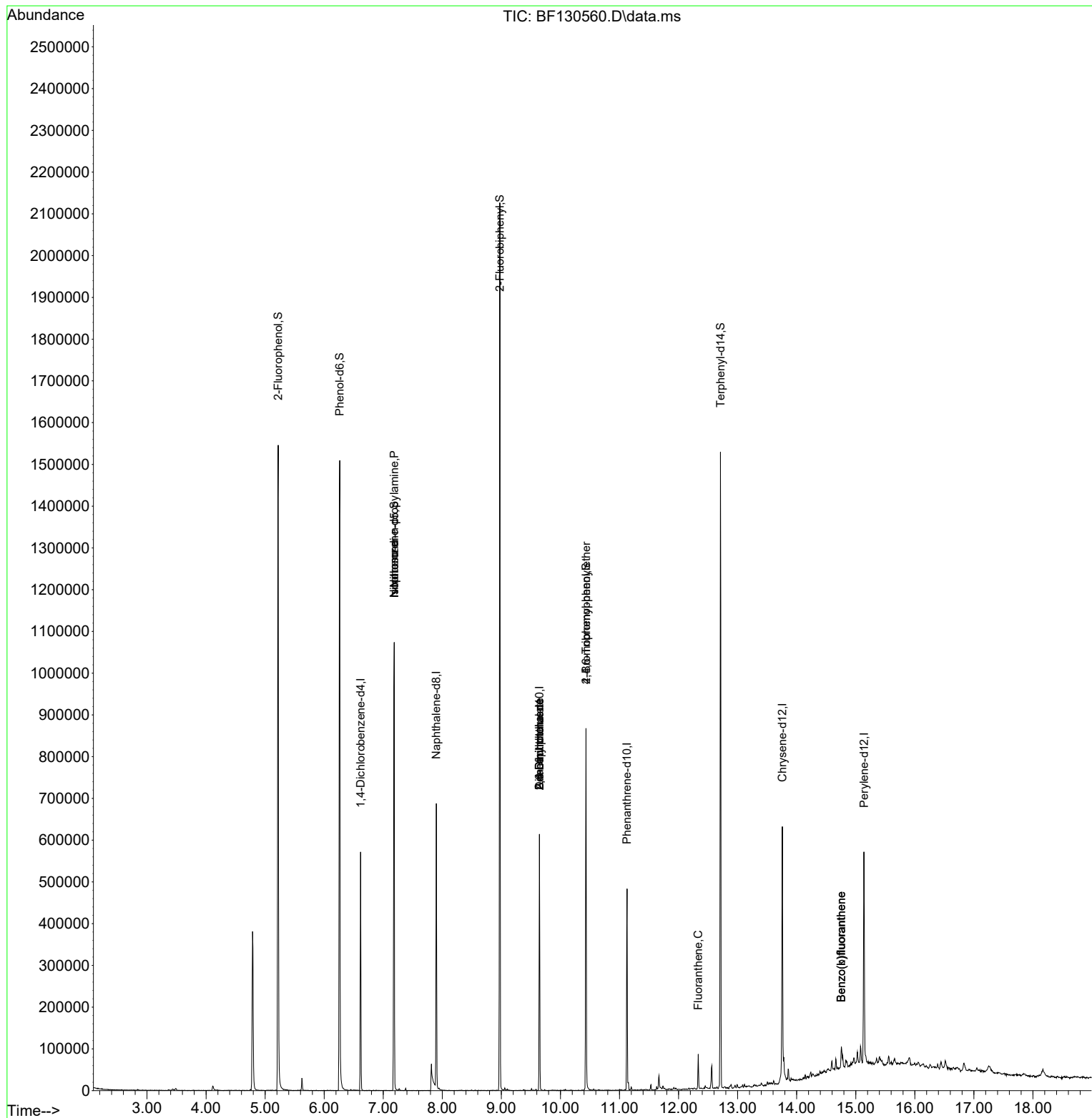
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	73699	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	255433	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	109832	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	160480	20.000	ng	0.00
76) Chrysene-d12	13.757	240	175296	20.000	ng	0.00
86) Perylene-d12	15.139	264	195576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	439490	103.431	ng	0.00
7) Phenol-d6	6.263	99	517618	97.359	ng	0.00
23) Nitrobenzene-d5	7.186	82	337740	67.551	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	91111	86.574	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	543437	72.051	ng	0.00
79) Terphenyl-d14	12.710	244	482670	45.611	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.186	70	46627	12.997	ng	# 72
25) Isophorone	7.186	82	337737	41.911	ng	# 66
50) Dimethylphthalate	9.645	163	20339	2.681	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	13534	8.530	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	13534	6.674	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	5885	3.324	ng	# 1
75) Fluoranthene	12.333	202	21983	2.525	ng	97
88) Benzo(b)fluoranthene	14.757	252	32179	2.521	ng	# 95
89) Benzo(k)fluoranthene	14.757	252	32179	2.563	ng	# 95

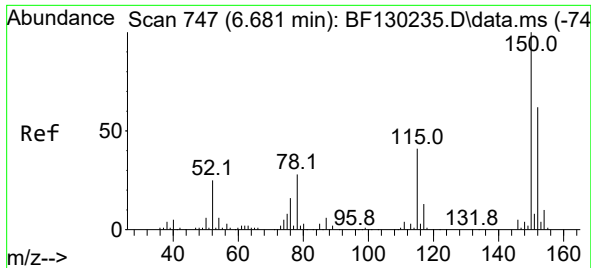
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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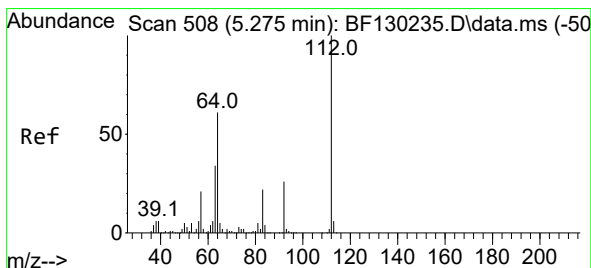
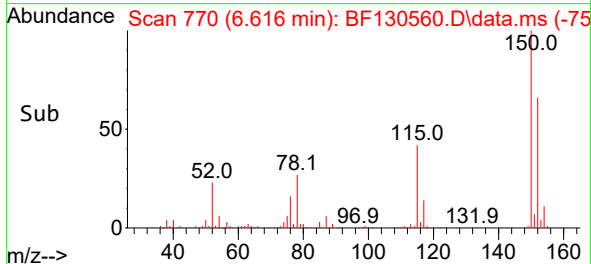
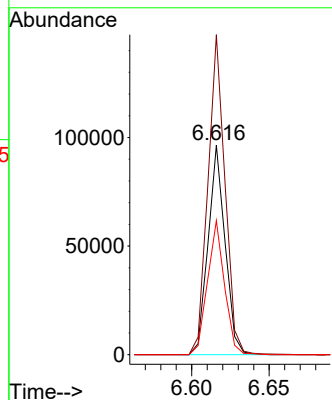
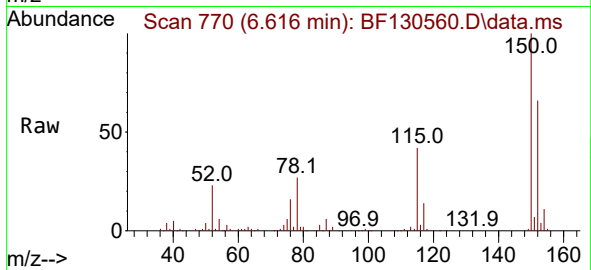




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

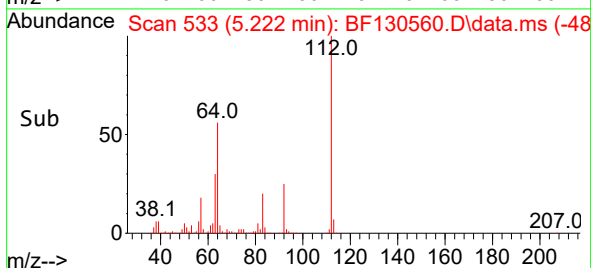
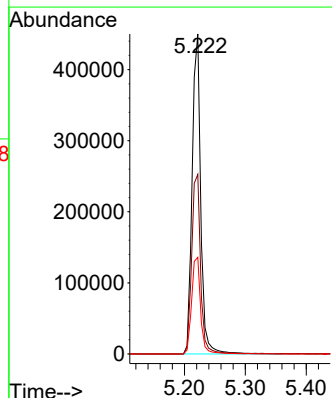
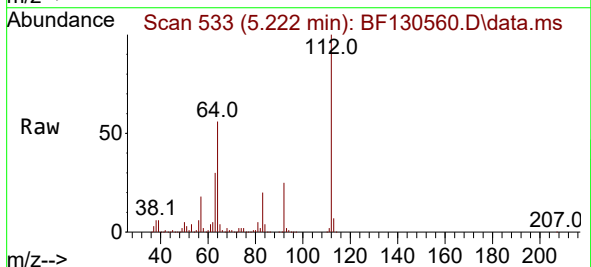
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

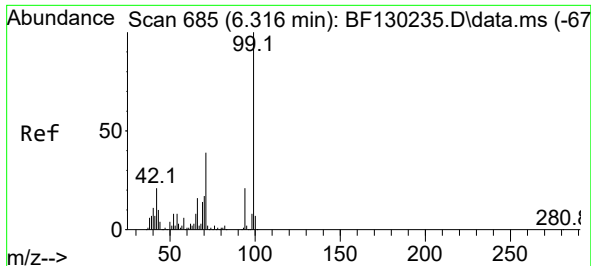
Tgt Ion:152 Resp: 73699
Ion Ratio Lower Upper
152 100
150 152.6 122.8 184.2
115 64.0 53.8 80.8



#5
2-Fluorophenol
Concen: 103.431 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:112 Resp: 439490
Ion Ratio Lower Upper
112 100
64 56.1 51.4 77.0
63 30.2 28.8 43.2

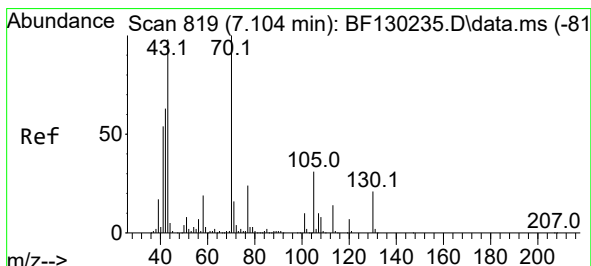
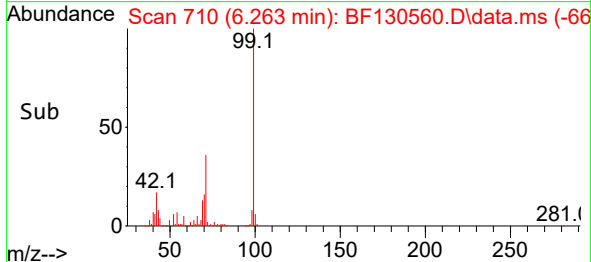
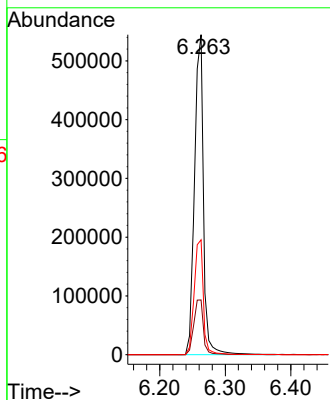
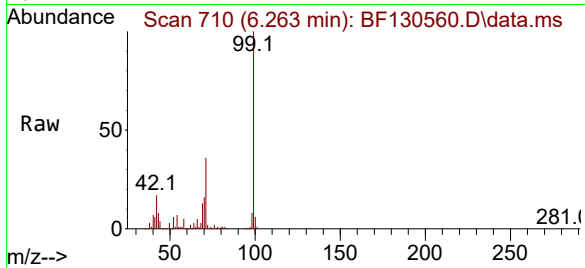




#7
Phenol-d6
Concen: 97.359 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

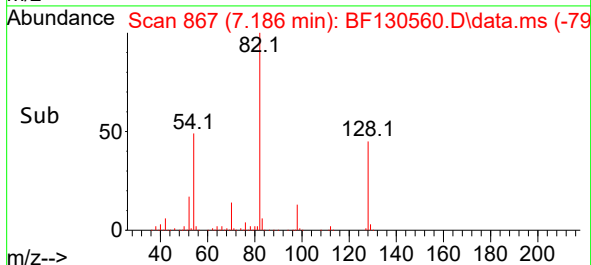
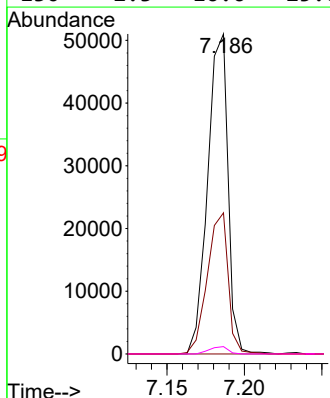
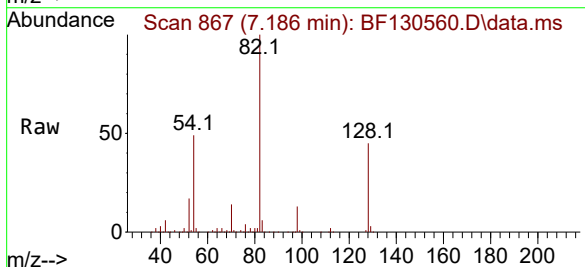
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

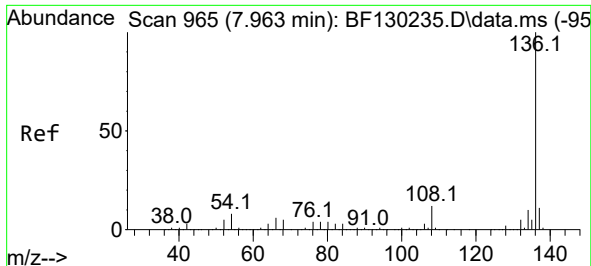
Tgt Ion: 99 Resp: 517618
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 35.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.997 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion: 70 Resp: 46627
Ion Ratio Lower Upper
70 100
42 44.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

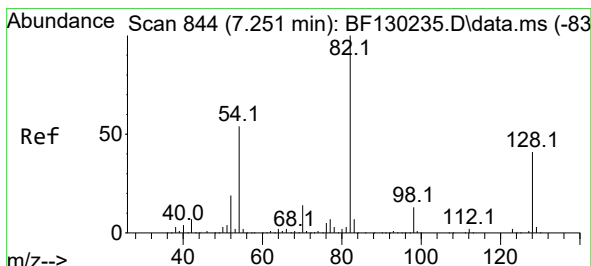
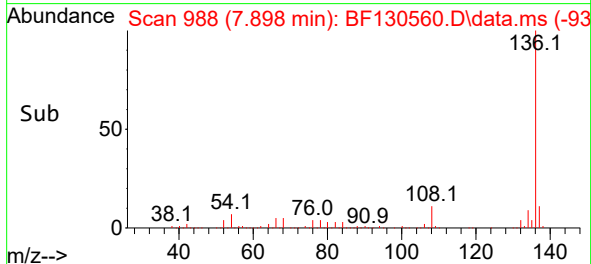
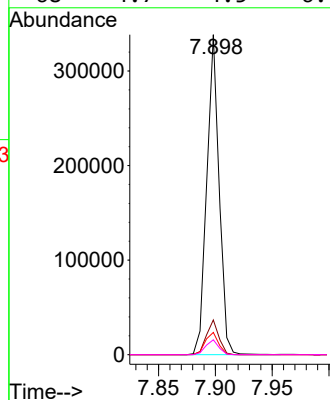
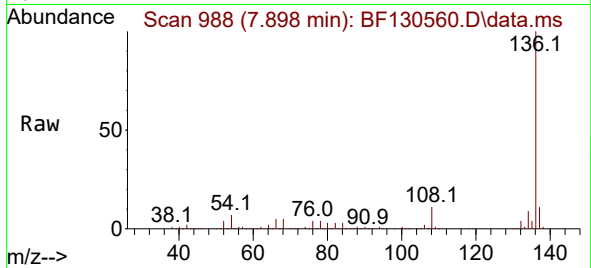




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

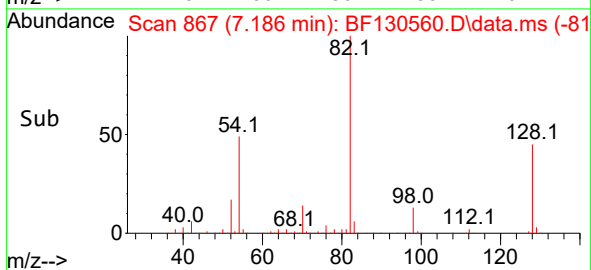
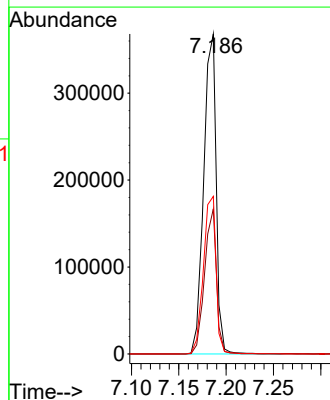
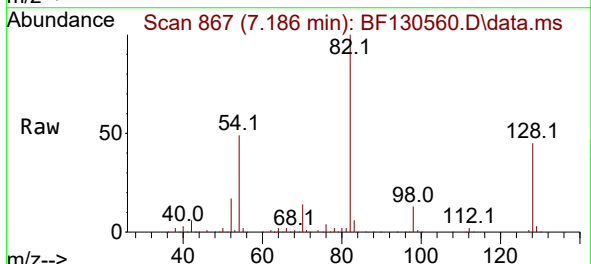
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

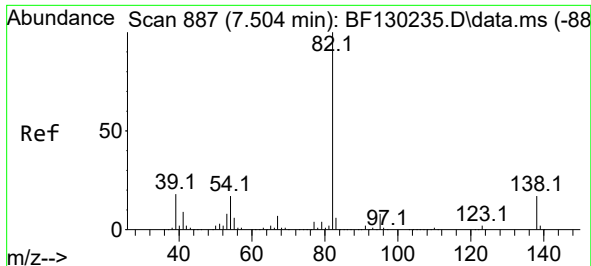
Tgt Ion:136 Resp: 255433
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.551 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion: 82 Resp: 337740
Ion Ratio Lower Upper
82 100
128 45.3 32.6 49.0
54 49.3 43.8 65.6

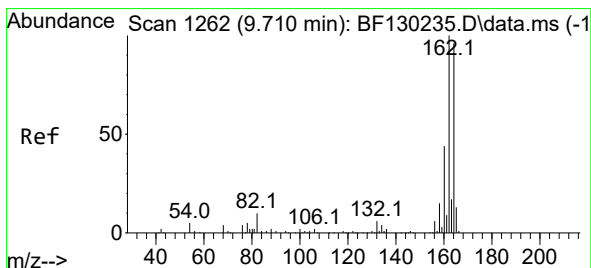
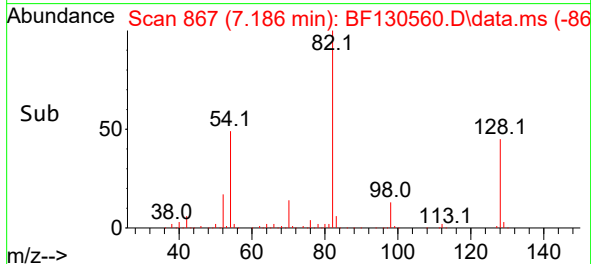
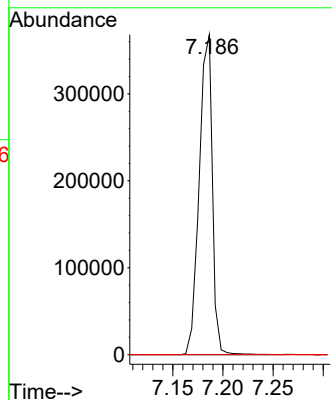
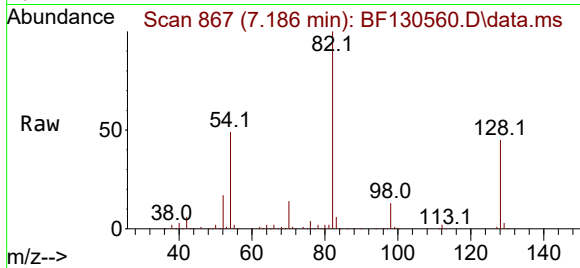




#25
Isophorone
Concen: 41.911 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

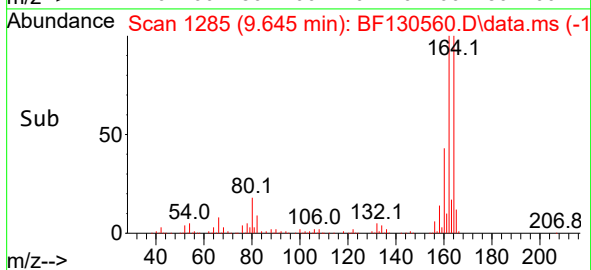
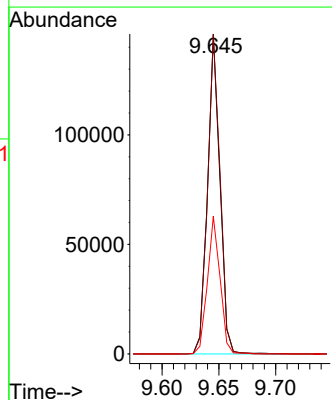
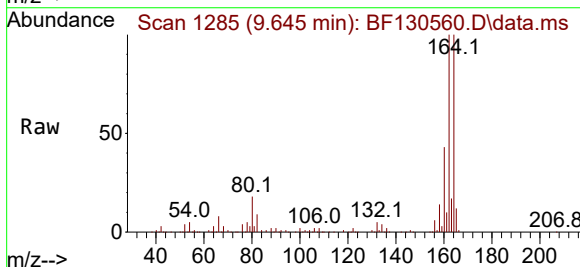
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

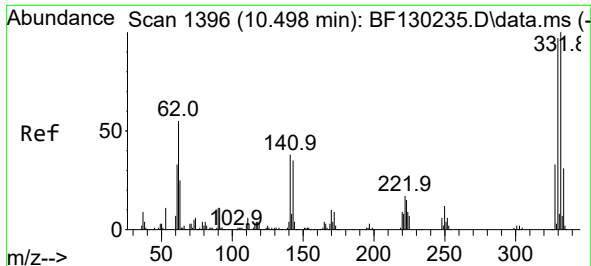
Tgt Ion: 82 Resp: 337737
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion: 164 Resp: 109832
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.1 36.2 54.4

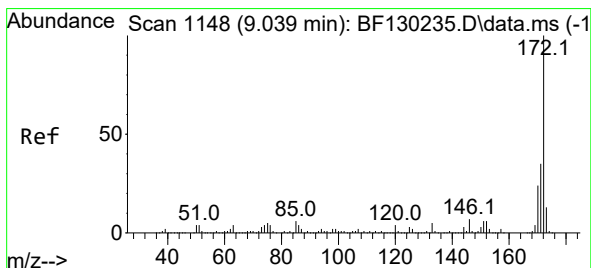
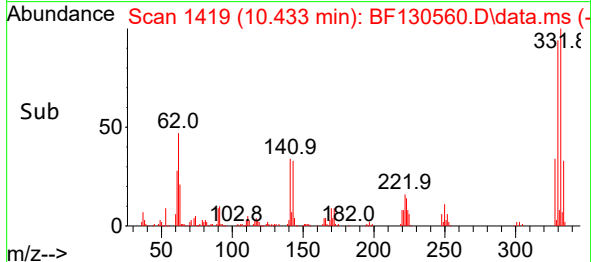
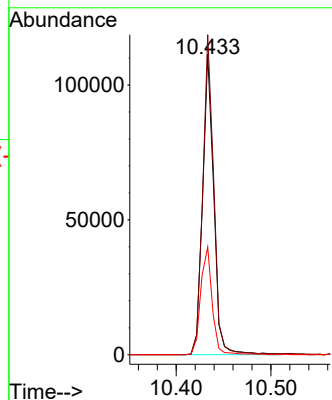
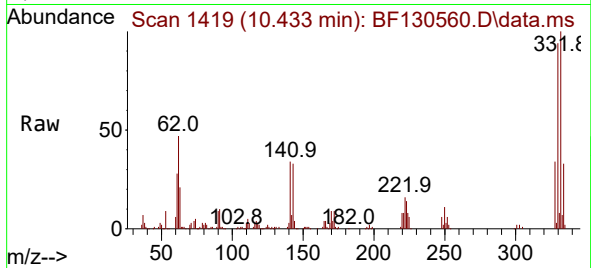




#42
2,4,6-Tribromophenol
Concen: 86.574 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

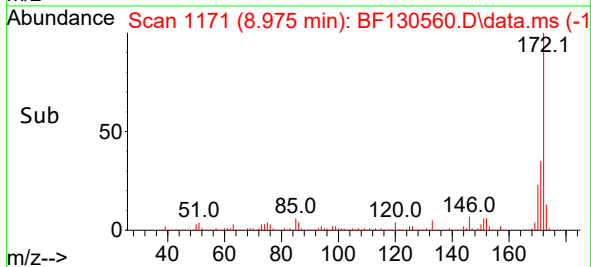
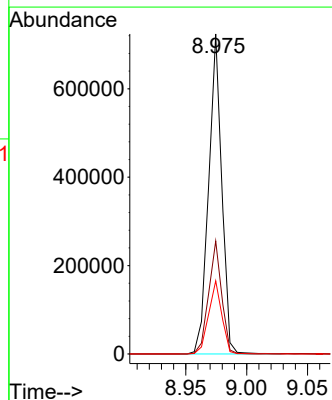
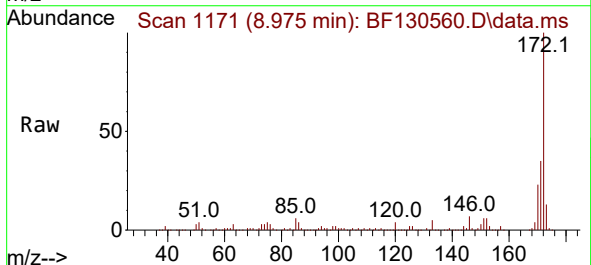
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ClientSampleId :
SB-05-0-2.0

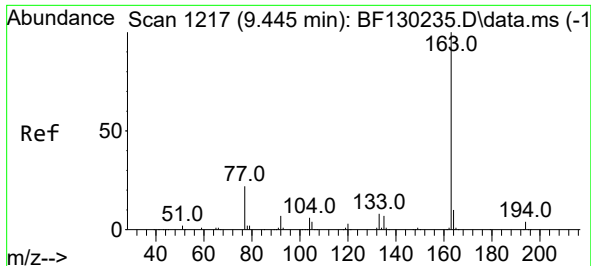
Tgt Ion:330 Resp: 91111
Ion Ratio Lower Upper
330 100
332 105.0 83.4 125.2
141 36.9 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 72.051 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:172 Resp: 543437
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 18.7 28.1

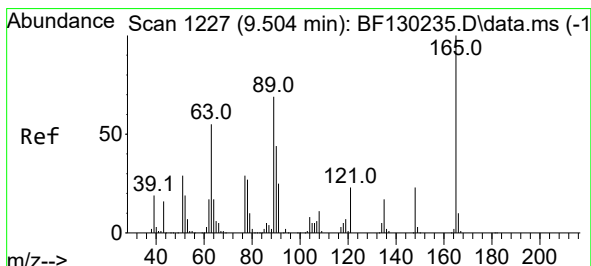
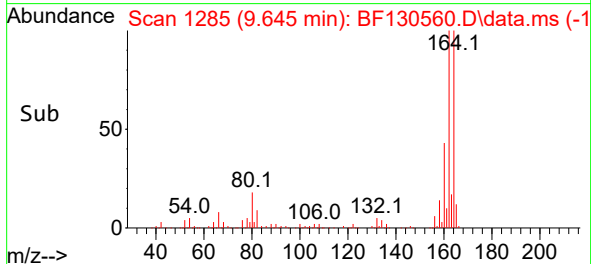
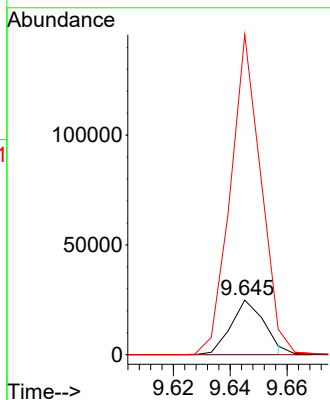
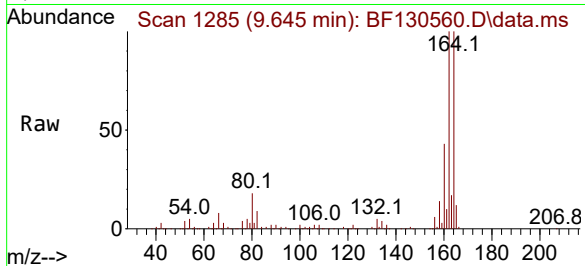




#50
Dimethylphthalate
Concen: 2.681 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

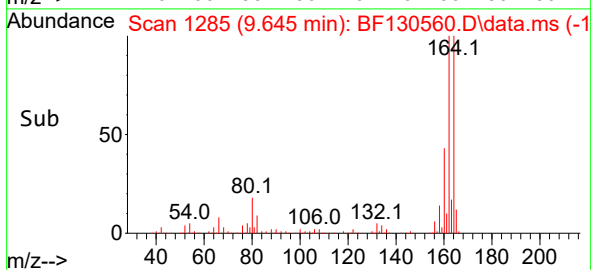
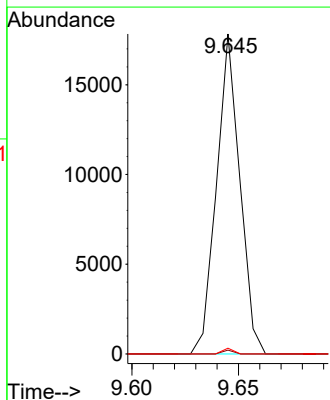
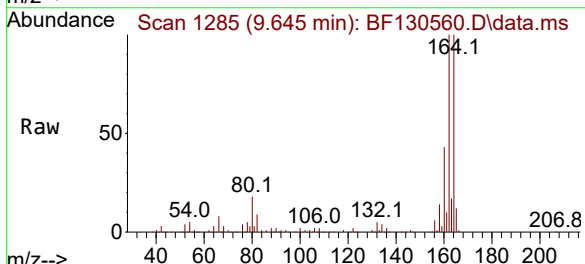
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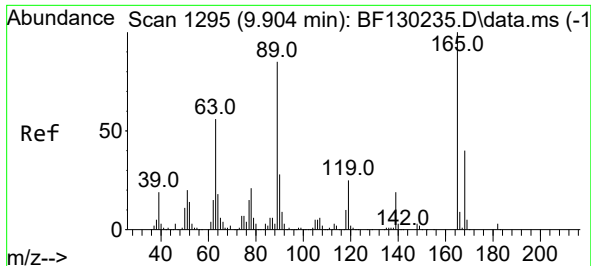
Tgt Ion:163 Resp: 20339
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 585.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:165 Resp: 13534
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.8 54.5 81.7#

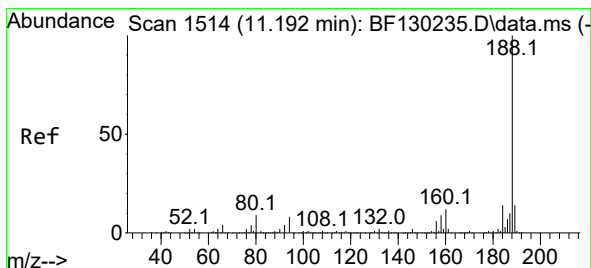
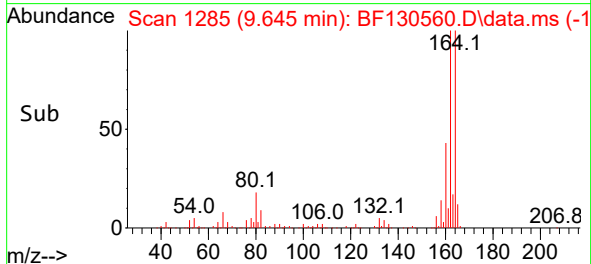
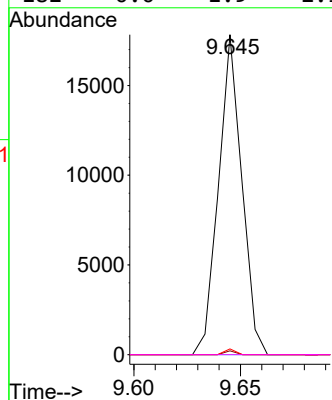
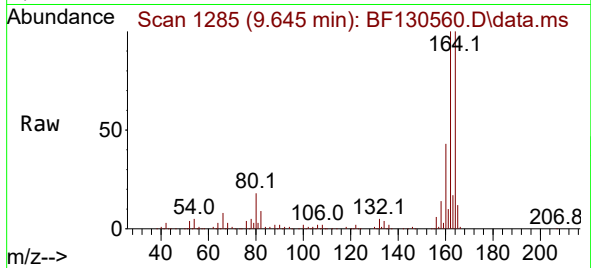




#57
2,4-Dinitrotoluene
Concen: 6.674 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

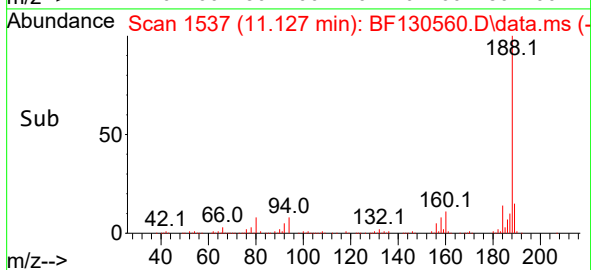
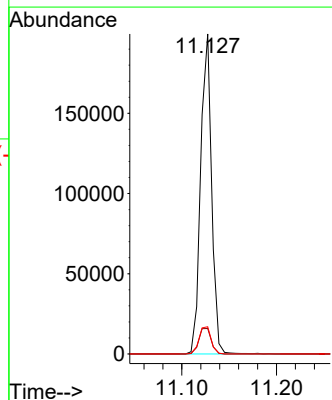
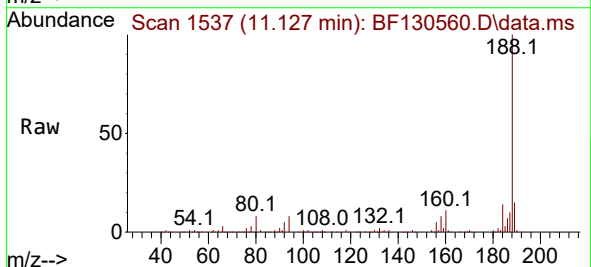
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

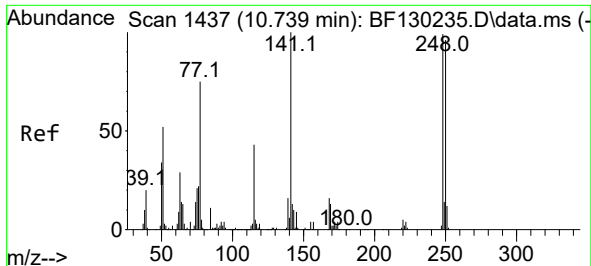
Tgt Ion:165 Resp: 13534
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:188 Resp: 160480
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.5 7.9 11.9

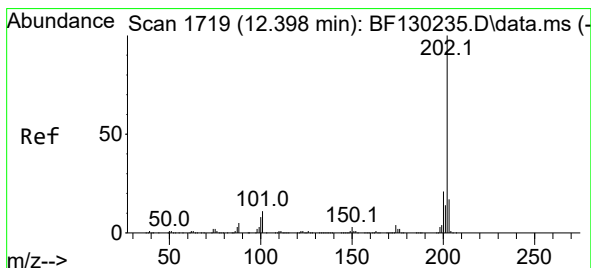
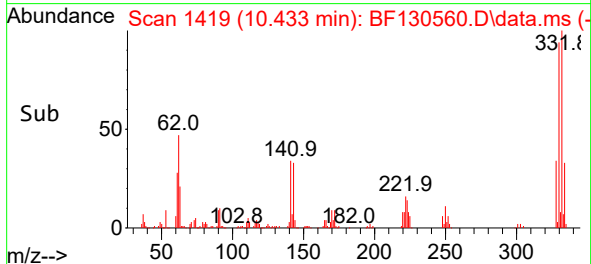
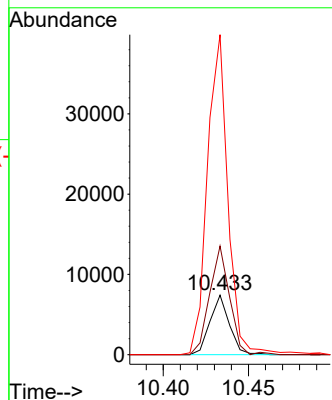
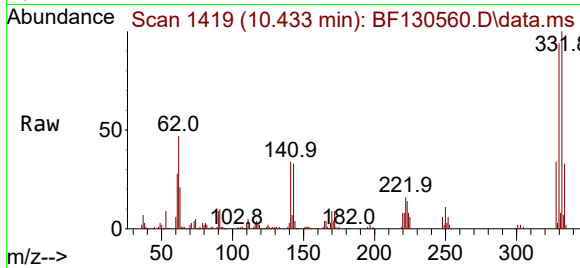




#67
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 10.433 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

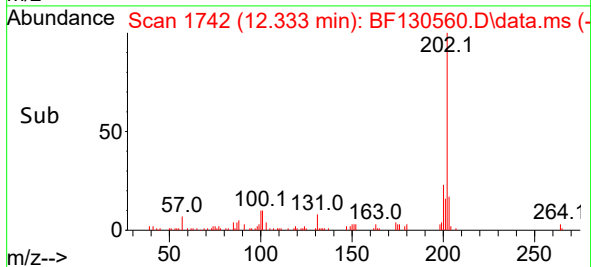
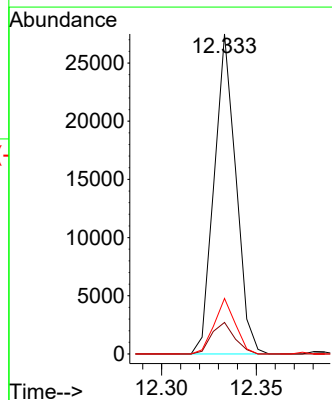
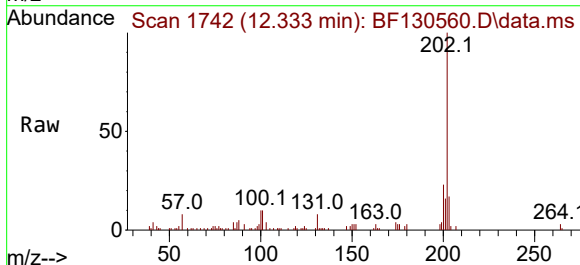
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

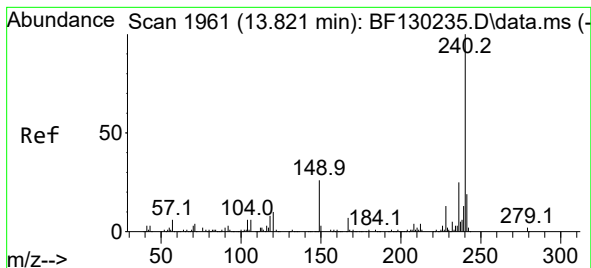
Tgt Ion:248 Resp: 5885
Ion Ratio Lower Upper
248 100
250 182.6 80.0 120.0#
141 538.0 68.5 102.7#



#75
Fluoranthene
Concen: 2.525 ng
RT: 12.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:202 Resp: 21983
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 17.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-05-0-2.0

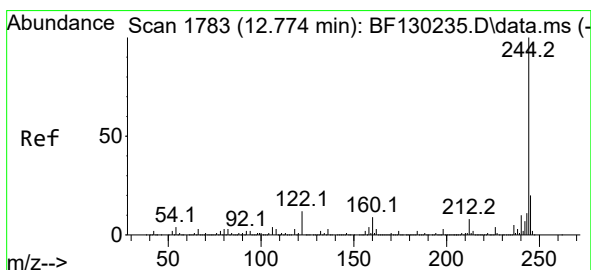
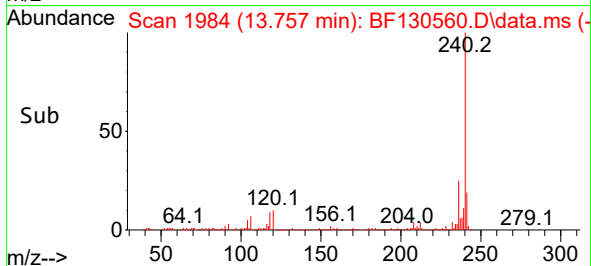
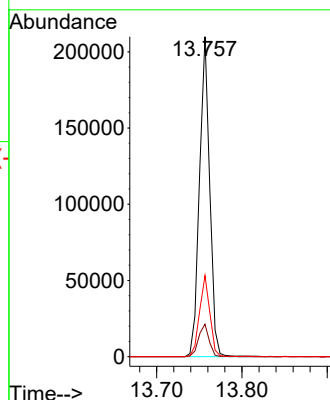
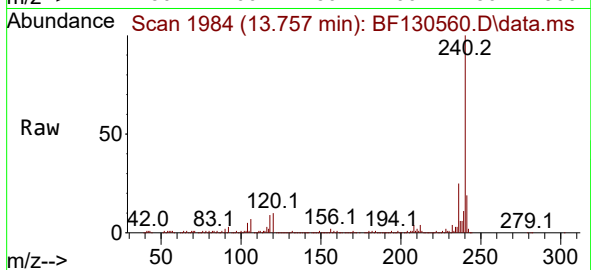
Tgt Ion:240 Resp: 175296

Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 45.611 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

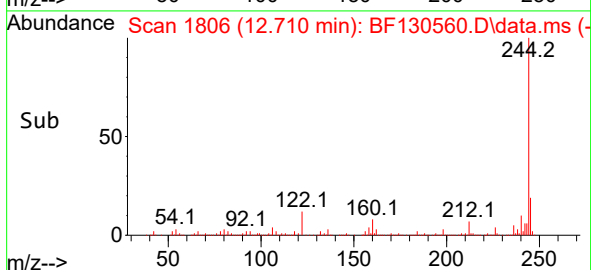
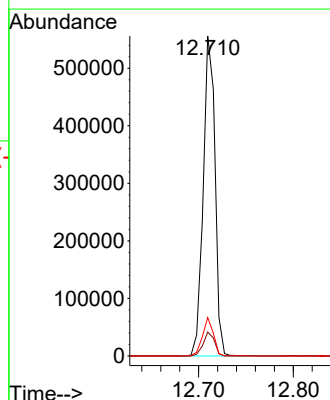
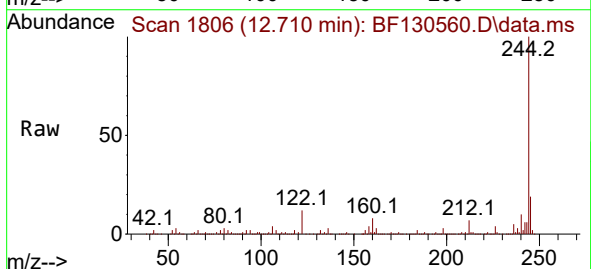
Tgt Ion:244 Resp: 482670

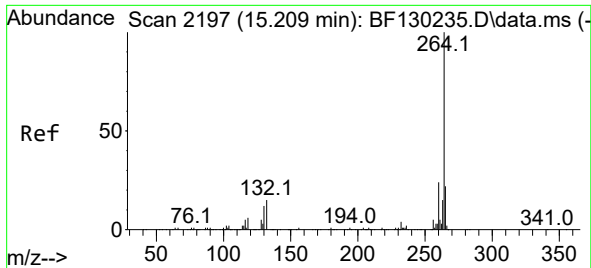
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.0 8.5 12.7

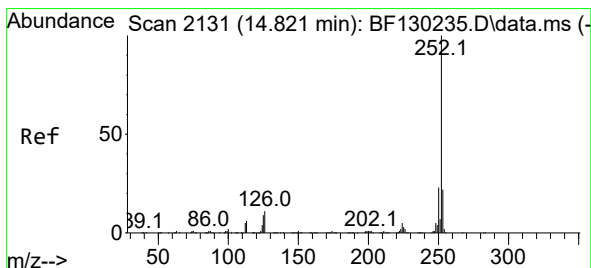
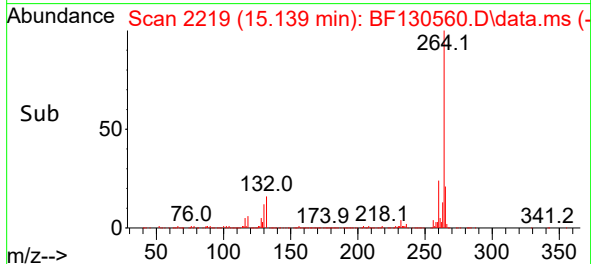
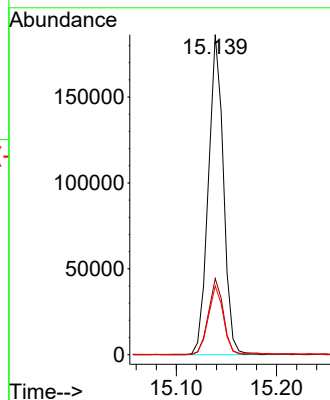
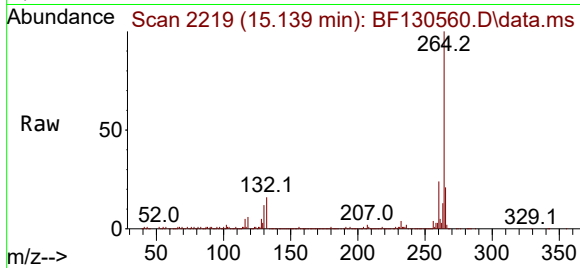




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF130560.D
 Acq: 06 Oct 2022 20:25

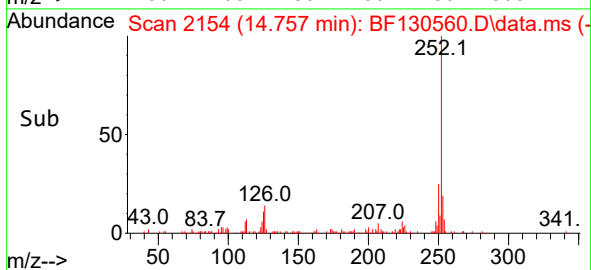
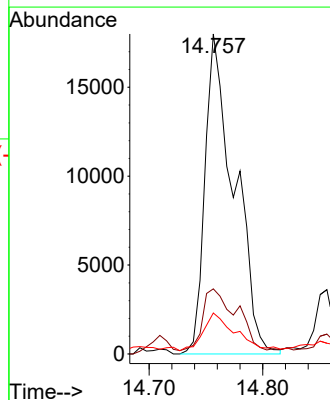
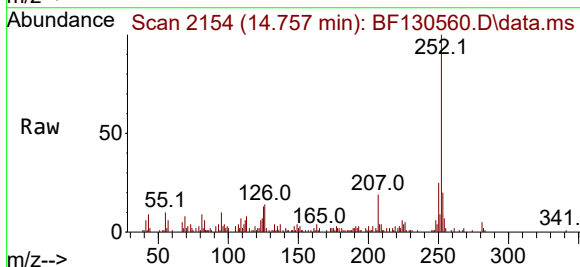
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

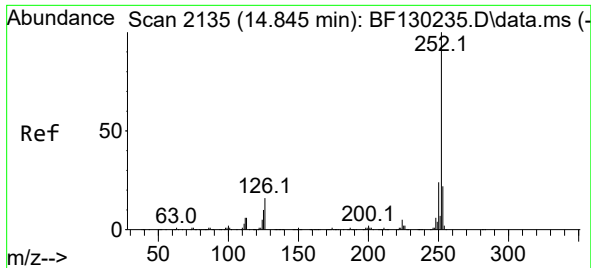
Tgt Ion:264 Resp: 195576
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.5 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 2.521 ng
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF130560.D
 Acq: 06 Oct 2022 20:25

Tgt Ion:252 Resp: 32179
 Ion Ratio Lower Upper
 252 100
 253 20.4 17.7 26.5
 125 12.8 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.563 ng

RT: 14.757 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF130560.D

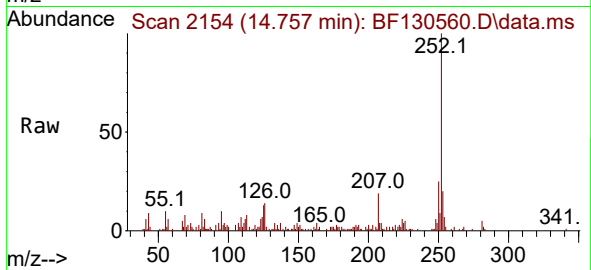
Acq: 06 Oct 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-05-0-2.0



Tgt Ion:252 Resp: 32179

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

125 12.8 7.9 11.9#

