

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130439.D
 Acq On : 27 Sep 2022 23:12
 Operator : CG\JU
 Sample : N4826-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092622

Quant Time: Sep 28 03:03:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

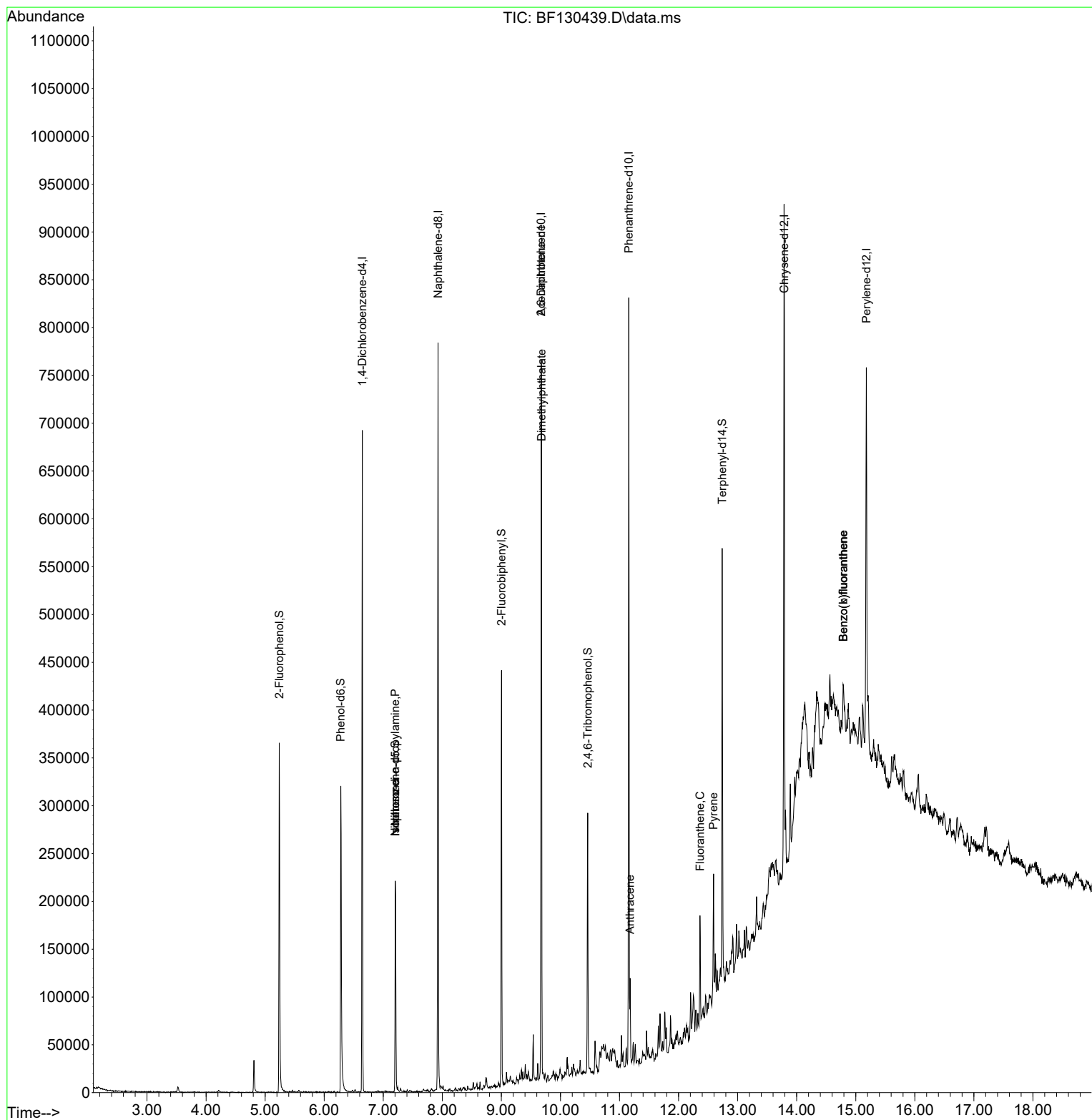
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	90149	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	311829	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	147030	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	258687	20.000	ng	0.00
76) Chrysene-d12	13.786	240	225173	20.000	ng	0.00
86) Perylene-d12	15.180	264	158827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	104146	20.038	ng	0.00
7) Phenol-d6	6.281	99	116542	17.920	ng	-0.01
23) Nitrobenzene-d5	7.204	82	69817	11.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	29787	21.143	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	121343	12.018	ng	0.00
79) Terphenyl-d14	12.739	244	134059	9.862	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	9036	2.059	ng	# 77
25) Isophorone	7.204	82	69827	7.098	ng	# 66
50) Dimethylphthalate	9.680	163	27591	2.717	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	19768	9.307	ng	# 16
72) Anthracene	11.180	178	28213	2.013	ng	97
75) Fluoranthene	12.363	202	41055	2.925	ng	97
78) Pyrene	12.592	202	49274	2.501	ng	98
88) Benzo(b)fluoranthene	14.792	252	29864	2.881	ng	# 83
89) Benzo(k)fluoranthene	14.792	252	29864	2.929	ng	# 82

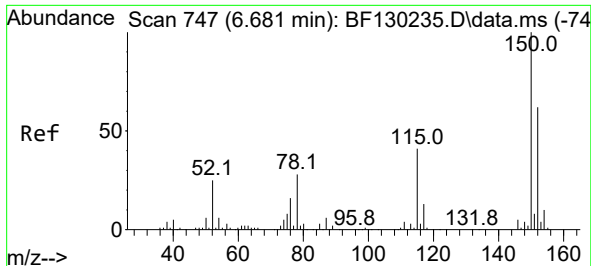
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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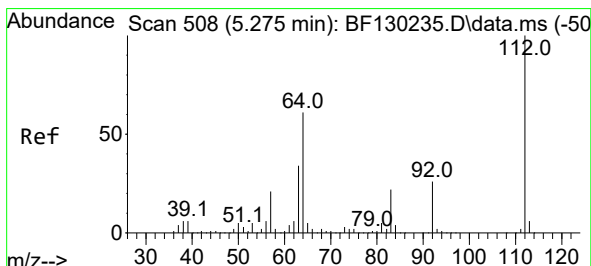
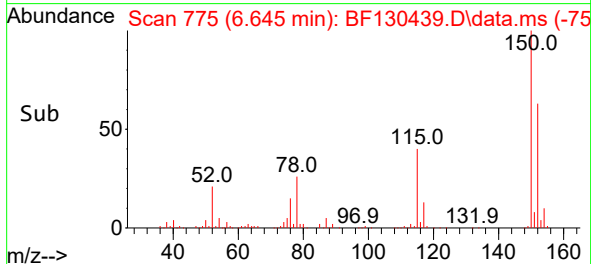
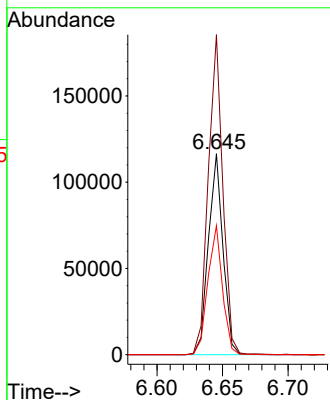
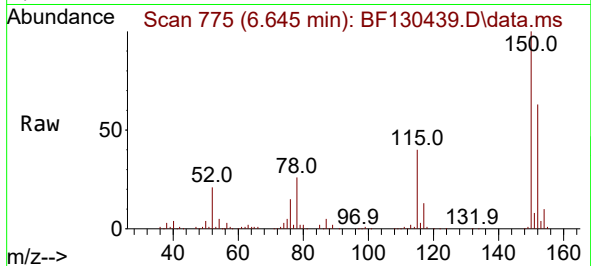




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130439.D
 Acq: 27 Sep 2022 23:12

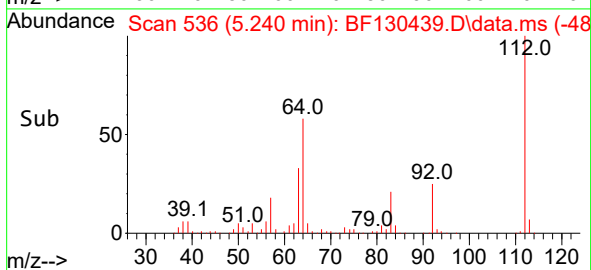
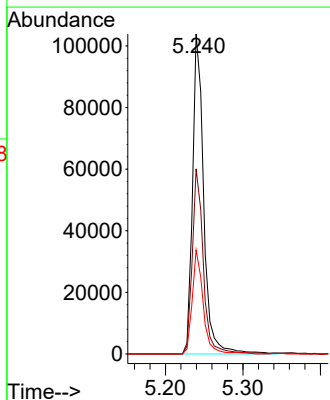
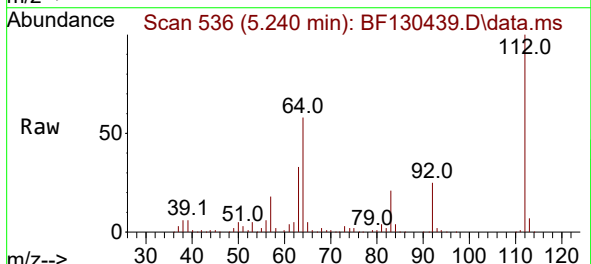
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092622

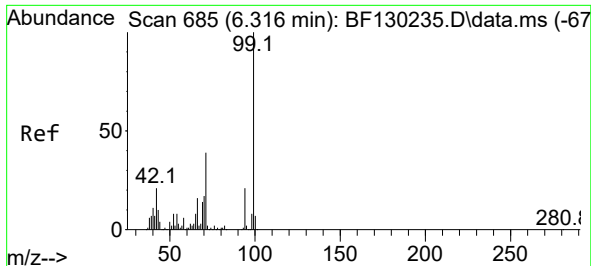
Tgt Ion:152 Resp: 90149
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.8 184.2
 115 64.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 20.038 ng
 RT: 5.240 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130439.D
 Acq: 27 Sep 2022 23:12

Tgt Ion:112 Resp: 104146
 Ion Ratio Lower Upper
 112 100
 64 57.8 51.4 77.0
 63 32.5 28.8 43.2

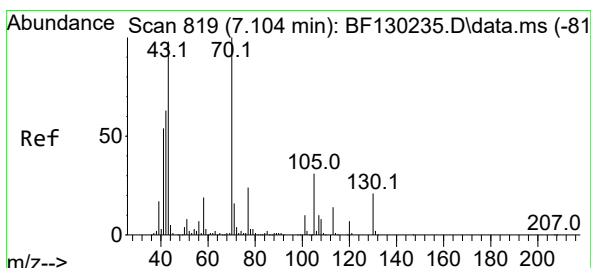
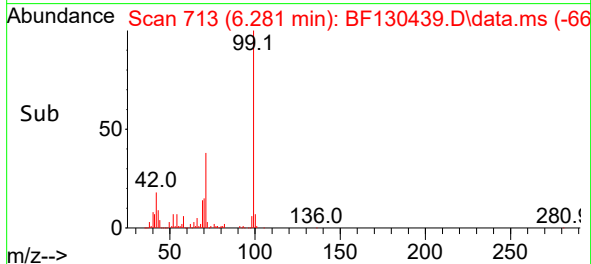
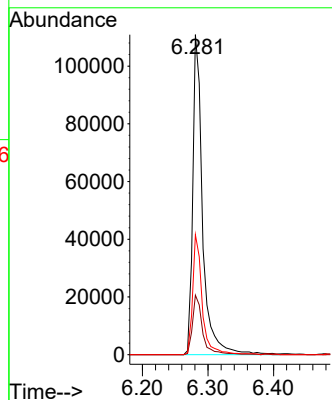
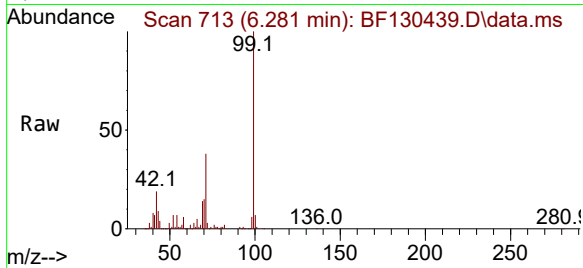




#7
Phenol-d6
Concen: 17.920 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

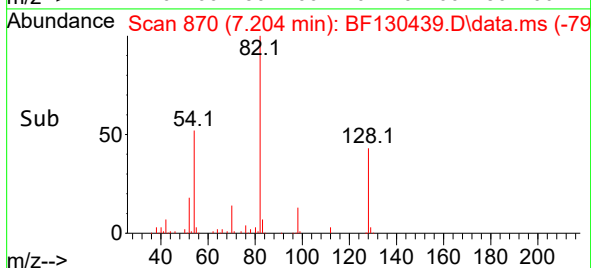
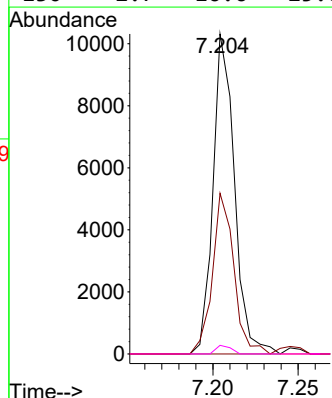
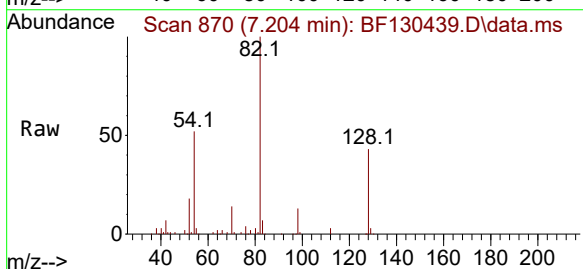
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

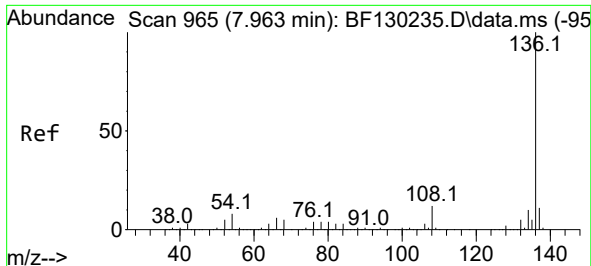
Tgt Ion: 99 Resp: 116542
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 37.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.059 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion: 70 Resp: 9036
Ion Ratio Lower Upper
70 100
42 50.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.7 16.6 25.0#

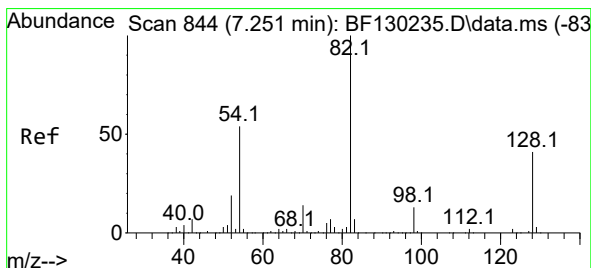
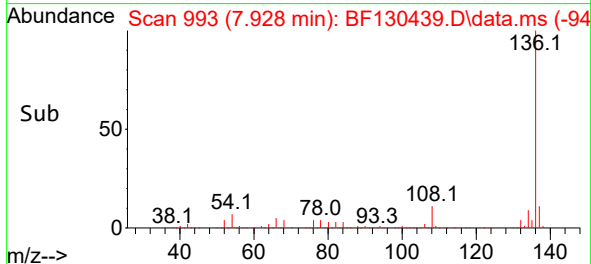
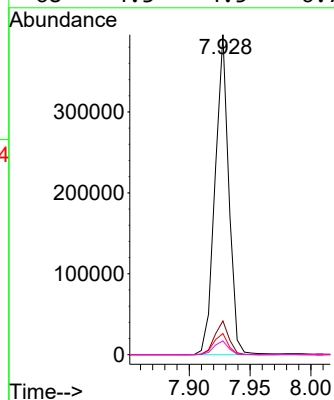
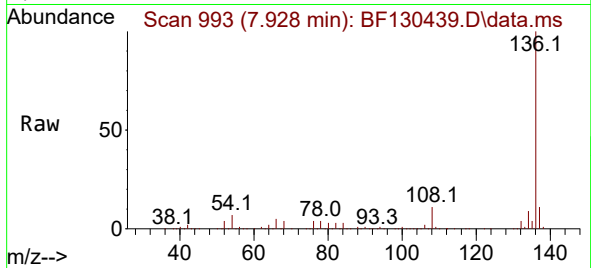




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

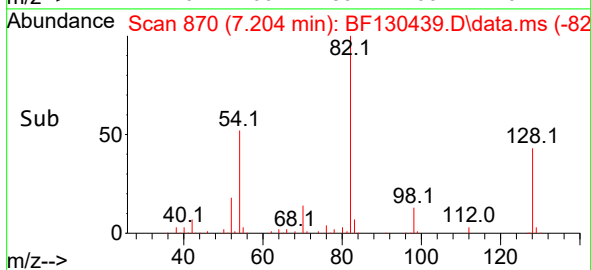
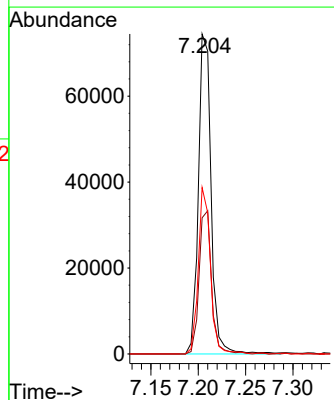
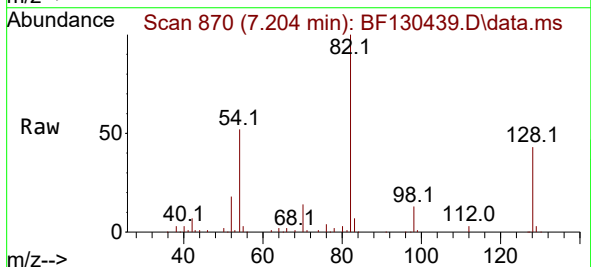
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

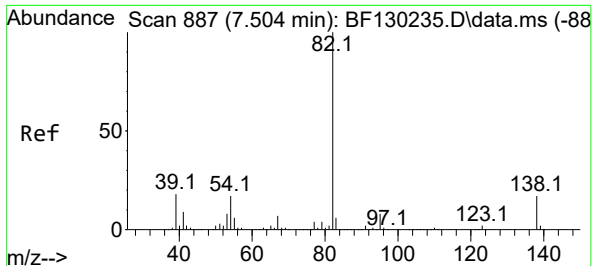
Tgt Ion:136 Resp: 311829
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.6 7.1 10.7#
68 4.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 11.438 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion: 82 Resp: 69817
Ion Ratio Lower Upper
82 100
128 42.6 32.6 49.0
54 52.0 43.8 65.6

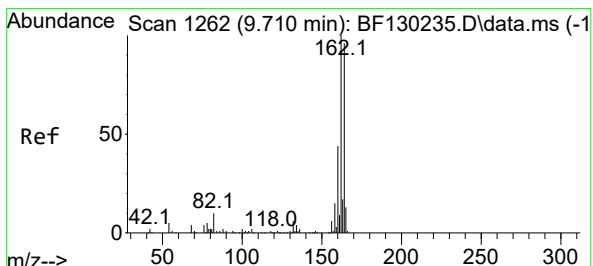
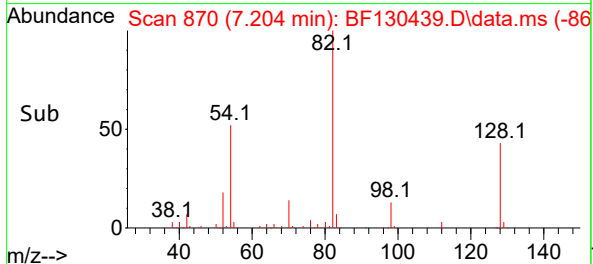
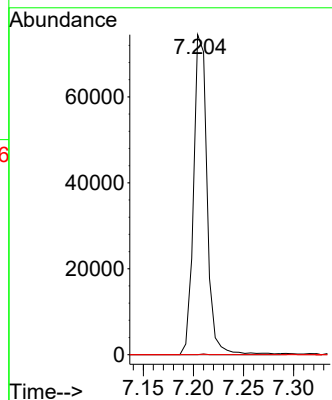
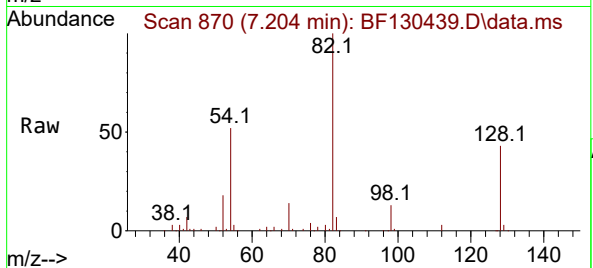




#25
Isophorone
Concen: 7.098 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

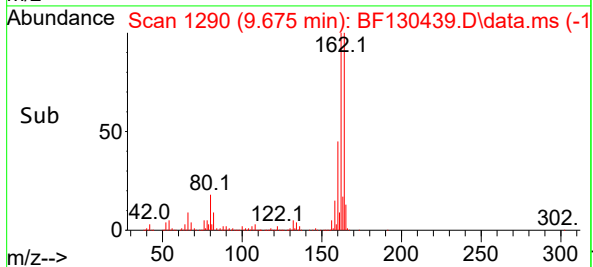
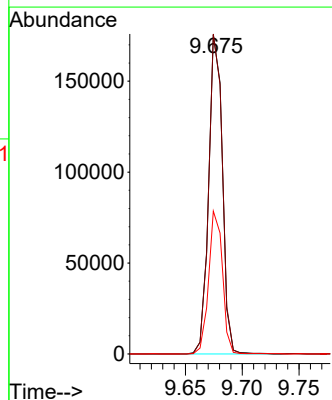
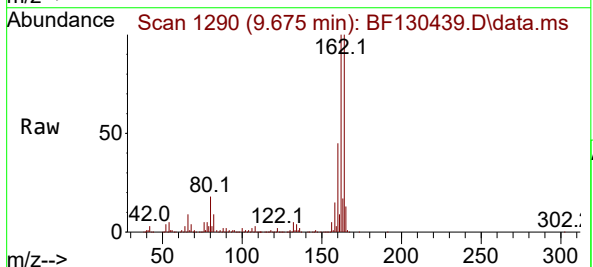
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

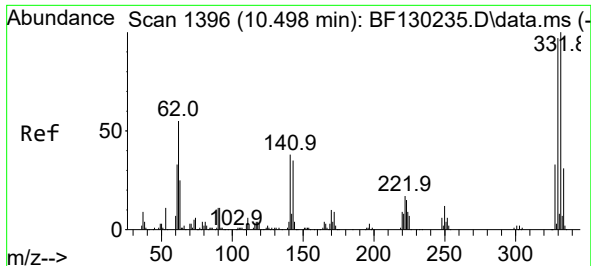
Tgt Ion: 82 Resp: 69827
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion: 164 Resp: 147030
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 21.143 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130439.D

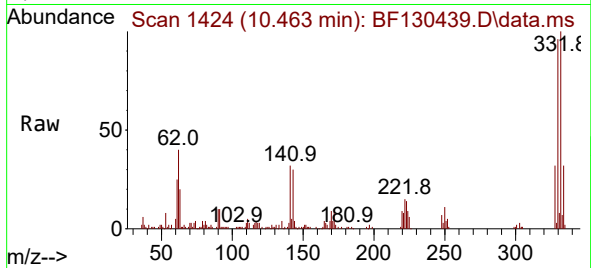
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Instrument :

BNA_F

ClientSampleId :

OK-03-092622



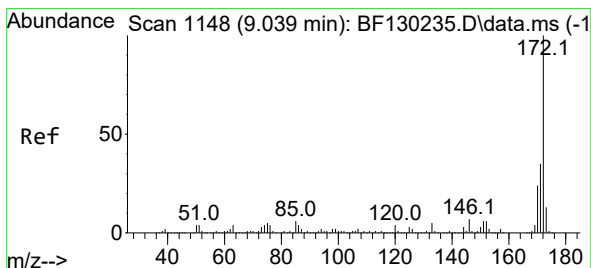
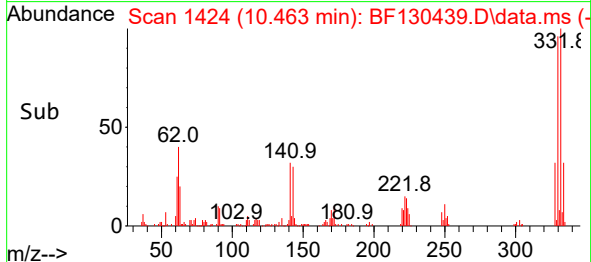
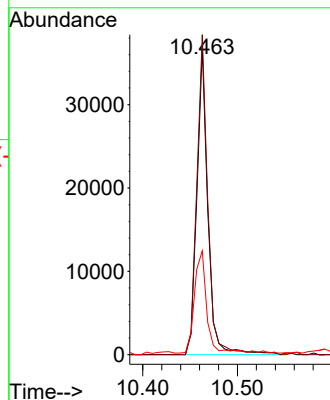
Tgt Ion:330 Resp: 29787

Ion Ratio Lower Upper

330 100

332 105.5 83.4 125.2

141 37.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 12.018 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130439.D

Acq: 27 Sep 2022 23:12

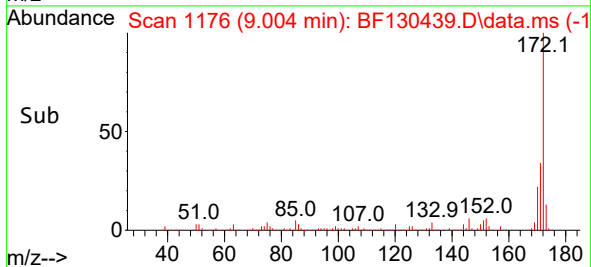
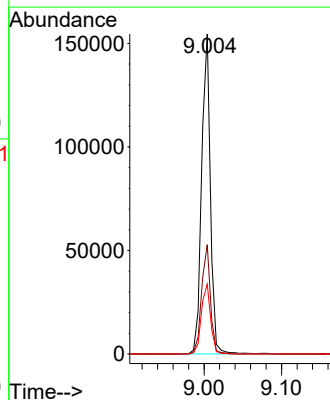
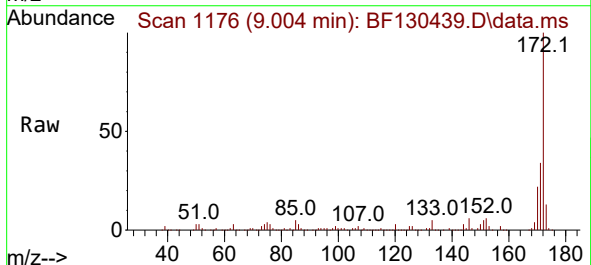
Tgt Ion:172 Resp: 121343

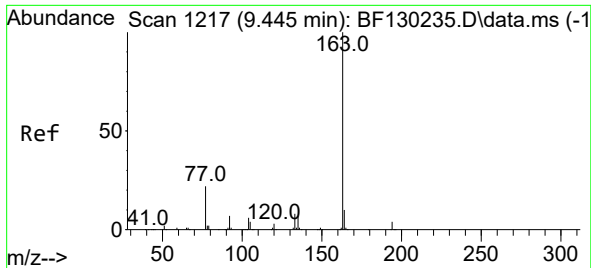
Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 21.8 18.7 28.1

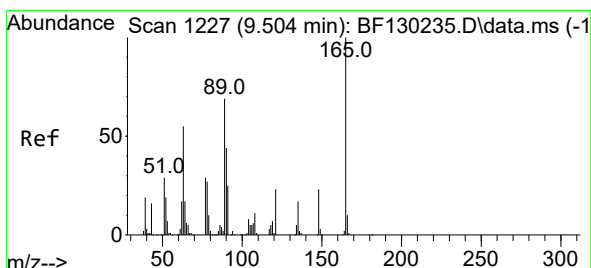
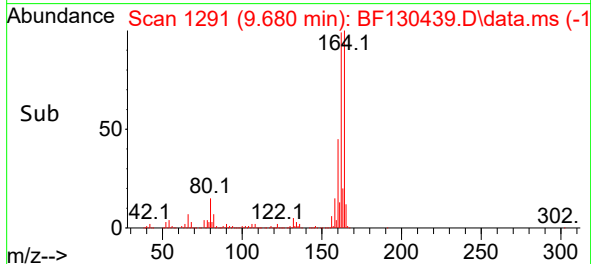
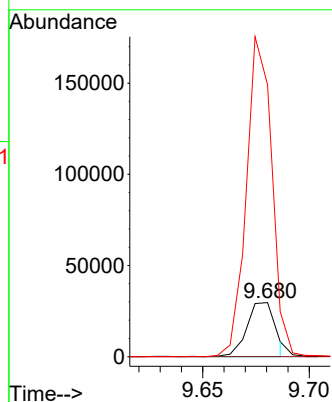
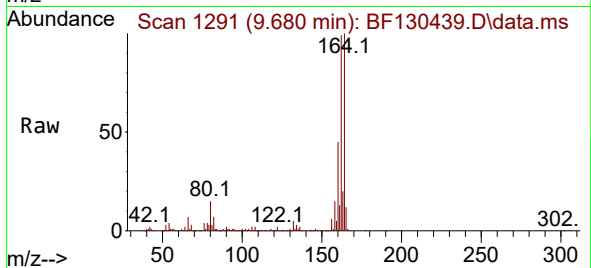




#50
Dimethylphthalate
Concen: 2.717 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

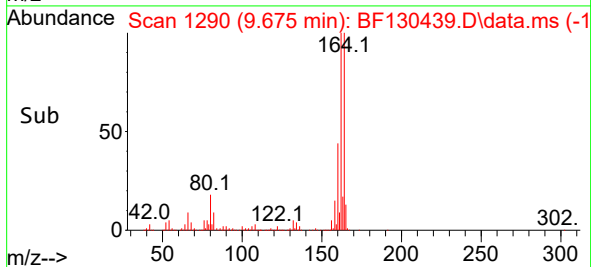
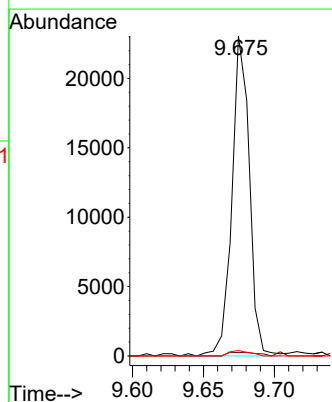
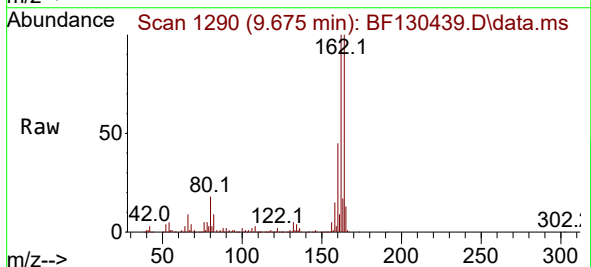
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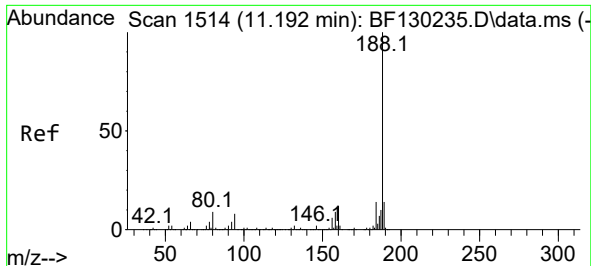
Tgt Ion:163 Resp: 27591
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 502.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.307 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion:165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.7 54.5 81.7#

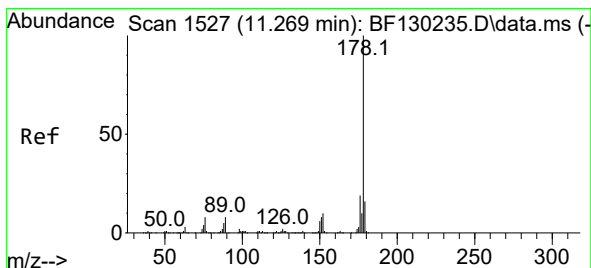
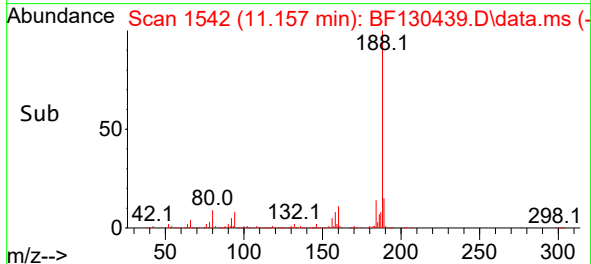
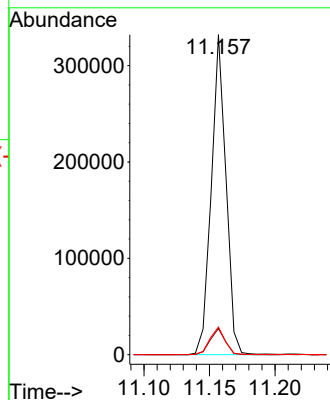
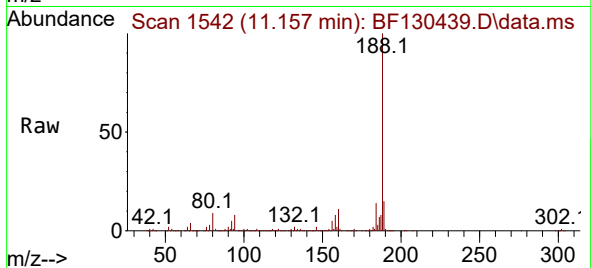




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

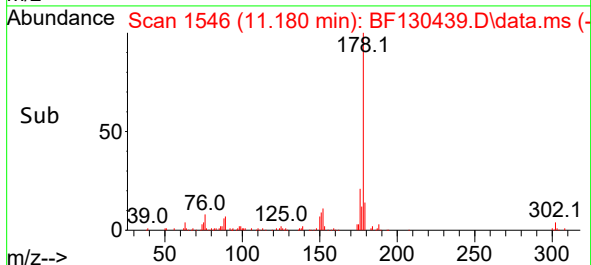
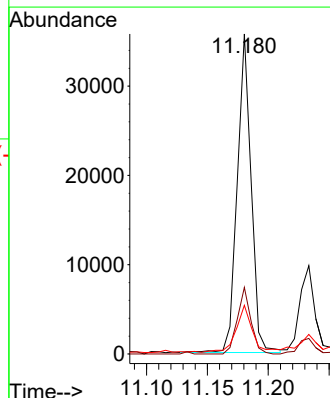
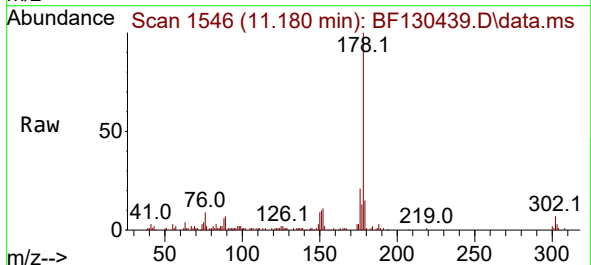
Instrument :
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OK-03-092622

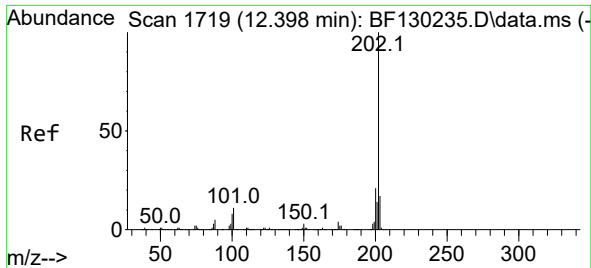
Tgt Ion:188 Resp: 258687
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.6 7.9 11.9



#72
Anthracene
Concen: 2.013 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.053 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion:178 Resp: 28213
Ion Ratio Lower Upper
178 100
176 20.8 15.0 22.6
179 15.2 12.7 19.1

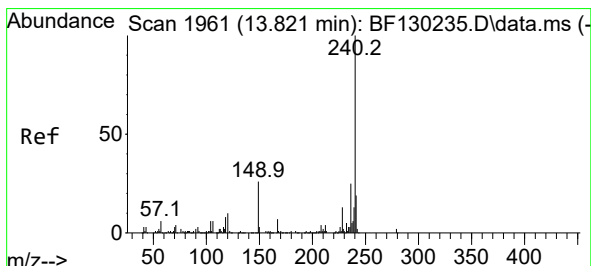
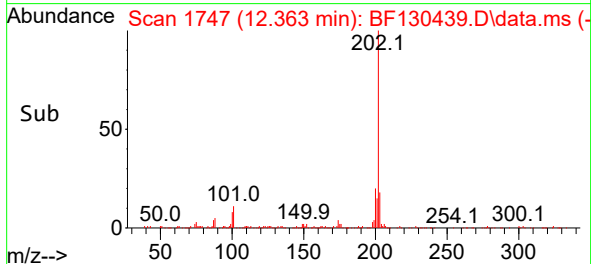
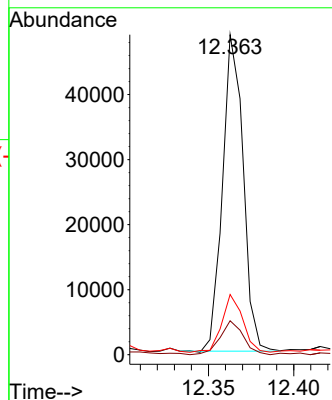
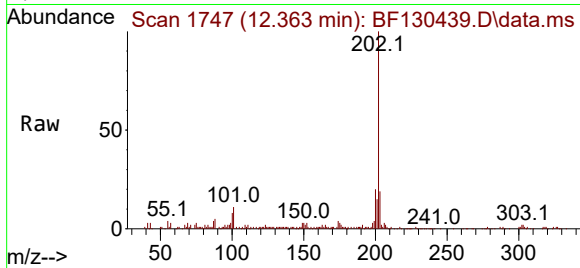




#75
Fluoranthene
Concen: 2.925 ng
RT: 12.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

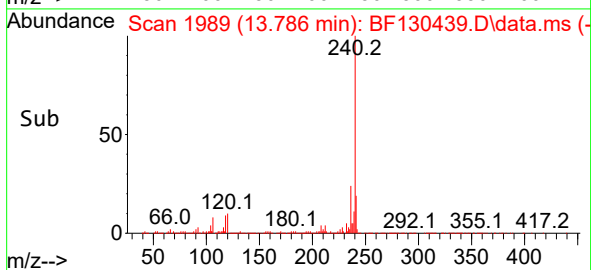
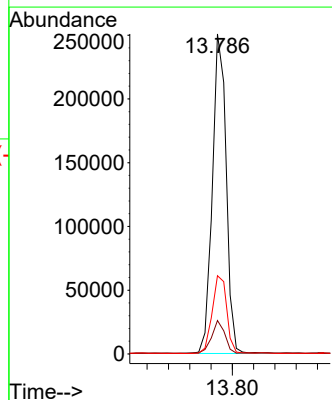
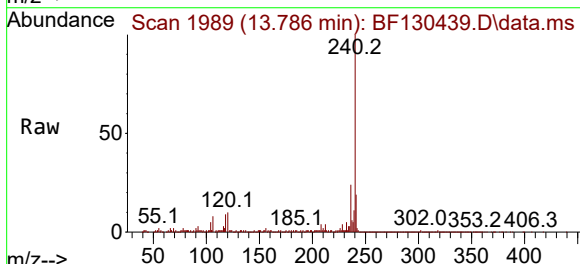
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

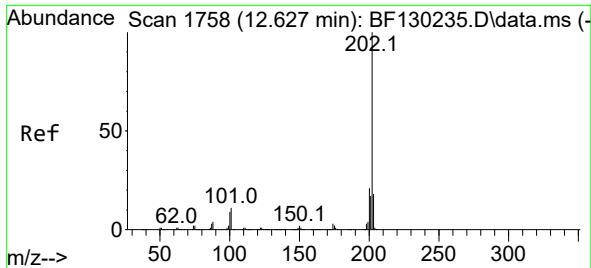
Tgt Ion:	202	Resp:	41055
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.8
203	18.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion:	240	Resp:	225173
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.7	13.1
236	24.4	20.9	31.3

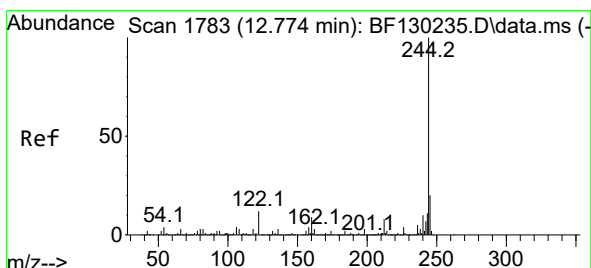
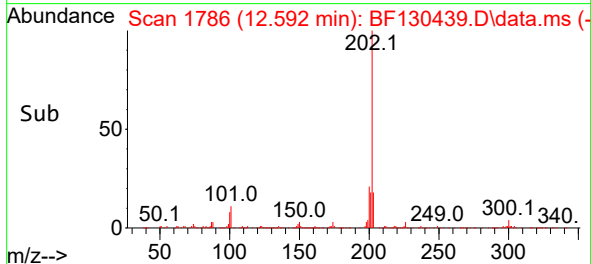
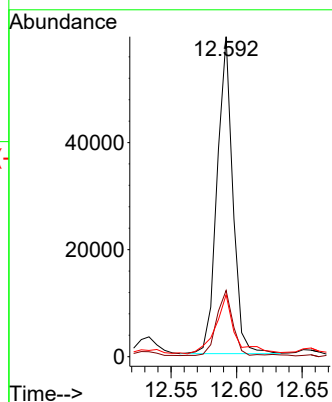
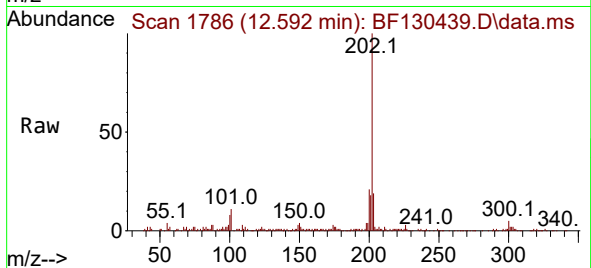




#78
Pyrene
Concen: 2.501 ng
RT: 12.592 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

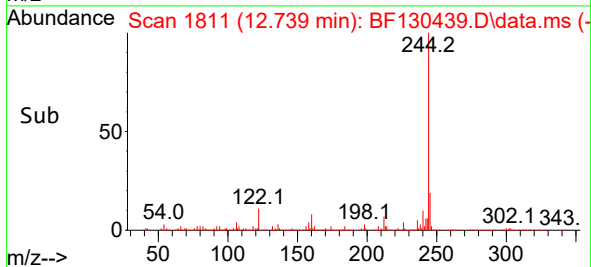
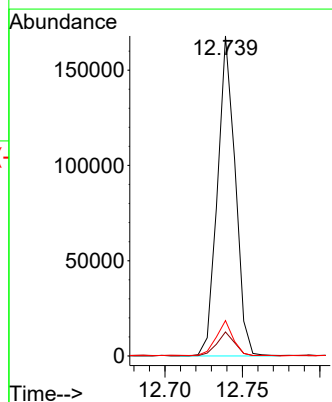
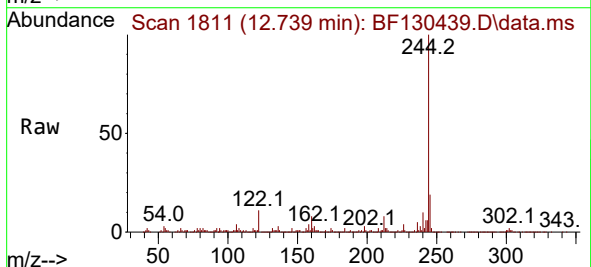
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

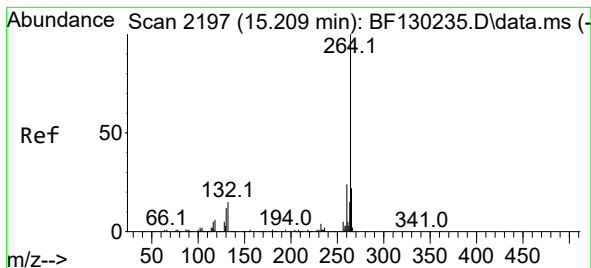
Tgt Ion:202 Resp: 49274
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 19.4 14.3 21.5



#79
Terphenyl-d14
Concen: 9.862 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130439.D
Acq: 27 Sep 2022 23:12

Tgt Ion:244 Resp: 134059
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF130439.D

Acq: 27 Sep 2022 23:12

Instrument :

BNA_F

ClientSampleId :

OK-03-092622

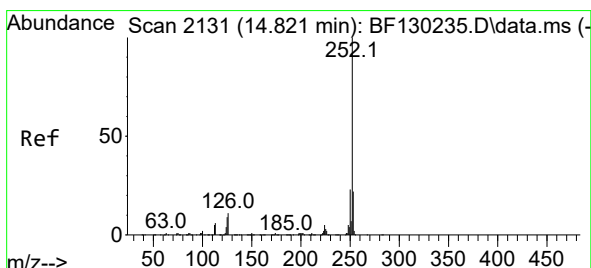
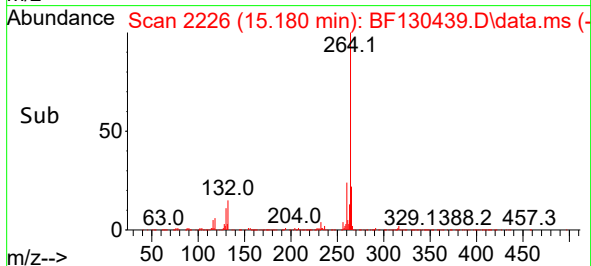
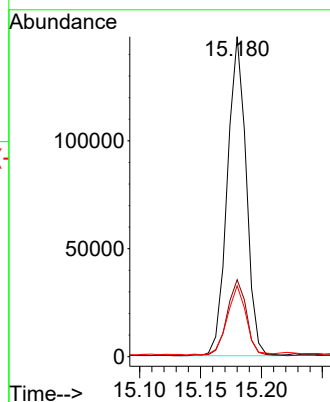
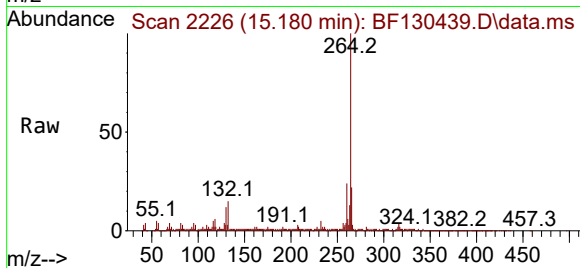
Tgt Ion:264 Resp: 158827

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.2 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.881 ng

RT: 14.792 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BF130439.D

Acq: 27 Sep 2022 23:12

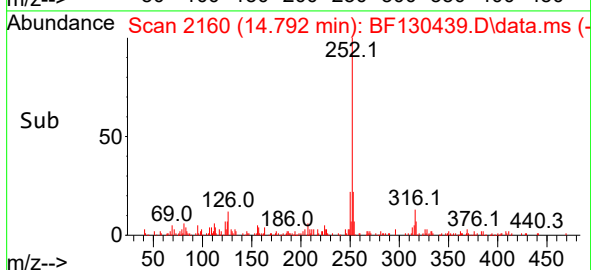
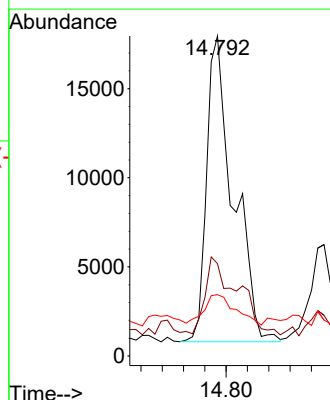
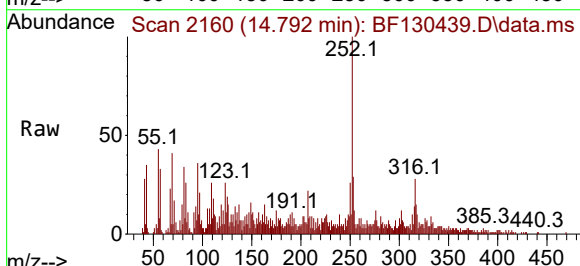
Tgt Ion:252 Resp: 29864

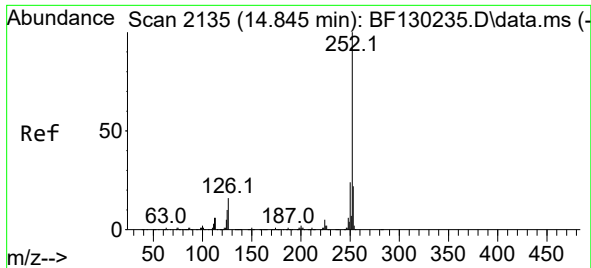
Ion Ratio Lower Upper

252 100

253 28.9 17.7 26.5#

125 19.1 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.929 ng

RT: 14.792 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF130439.D

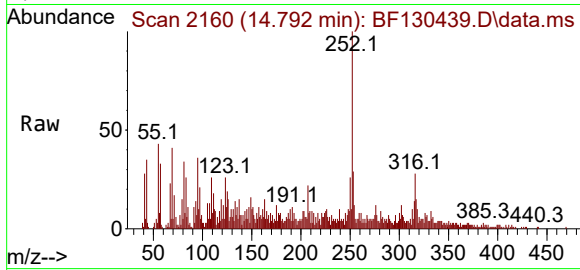
Acq: 27 Sep 2022 23:12

Instrument :

BNA_F

ClientSampleId :

OK-03-092622



Tgt Ion:252 Resp: 29864

Ion Ratio Lower Upper

252 100

253 28.9 17.4 26.2#

125 19.1 7.9 11.9#

