

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130459.D
 Acq On : 28 Sep 2022 21:33
 Operator : CG\JU
 Sample : N4826-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092622

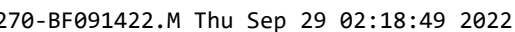
Quant Time: Sep 29 02:18:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.646	152	86190	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	292251	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	141453	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	258349	20.000	ng	0.00
76) Chrysene-d12	13.792	240	189709	20.000	ng	0.00
86) Perylene-d12	15.186	264	141235	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	96594	19.438	ng	0.00
7) Phenol-d6	6.287	99	111917	18.000	ng	0.00
23) Nitrobenzene-d5	7.210	82	60919	10.649	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	29190	21.536	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	108345	11.154	ng	0.00
79) Terphenyl-d14	12.745	244	132315	11.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	8638	2.059	ng	# 74
25) Isophorone	7.210	82	60918	6.607	ng	# 66
50) Dimethylphthalate	9.681	163	26238	2.685	ng	# 1
51) 2,6-Dinitrotoluene	9.681	165	19018	9.307	ng	# 16
75) Fluoranthene	12.369	202	42243	3.014	ng	98
78) Pyrene	12.592	202	50043	3.015	ng	98
88) Benzo(b)fluoranthene	14.792	252	28181	3.057	ng	# 74
89) Benzo(k)fluoranthene	14.792	252	28181	3.108	ng	# 74
90) Benzo(a)pyrene	15.127	252	14819	2.029	ng	# 76

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

Quant Time: Sep 29 02:18:45 2022
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QLast Update : Wed Sep 28 02:59:31 2022
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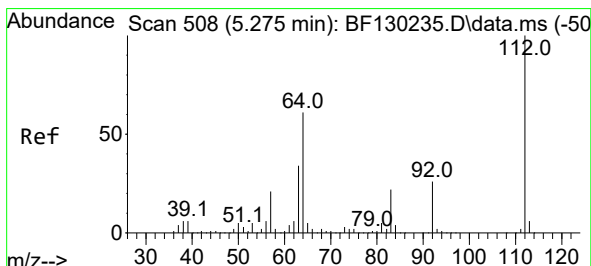
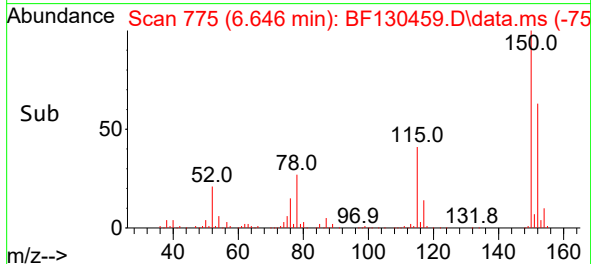
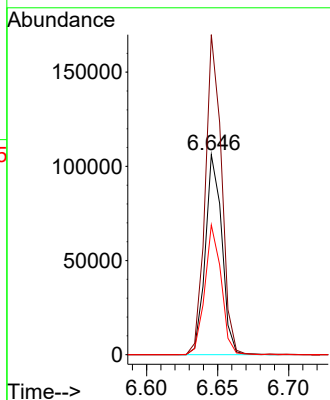
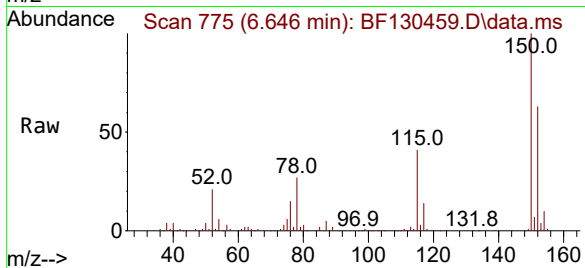




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.646 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF130459.D
 Acq: 28 Sep 2022 21:33

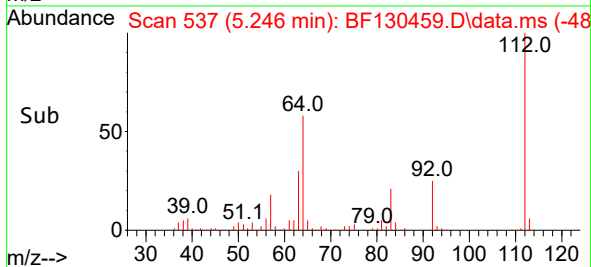
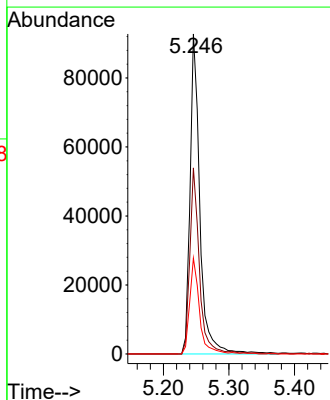
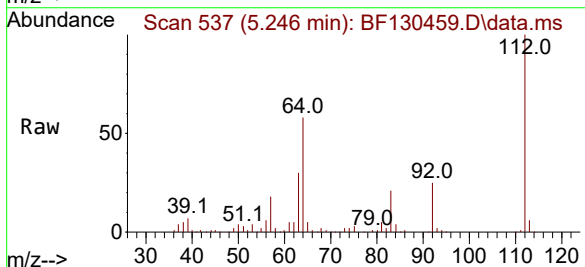
Instrument :
 BNA_F
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 OK-03-092622

Tgt Ion:152 Resp: 86190
 Ion Ratio Lower Upper
 152 100
 150 160.0 122.8 184.2
 115 64.9 53.8 80.8



#5
 2-Fluorophenol
 Concen: 19.438 ng
 RT: 5.246 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130459.D
 Acq: 28 Sep 2022 21:33

Tgt Ion:112 Resp: 96594
 Ion Ratio Lower Upper
 112 100
 64 58.1 51.4 77.0
 63 30.0 28.8 43.2

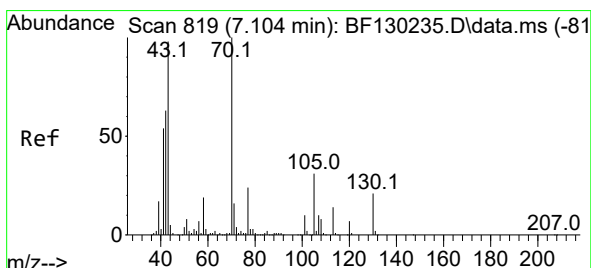
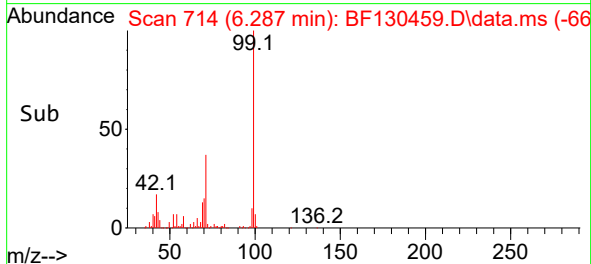
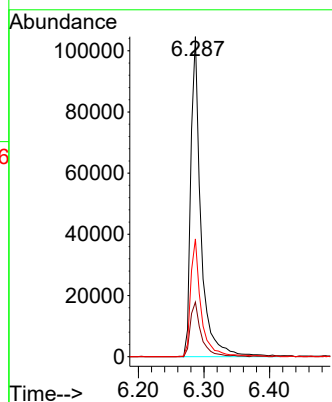
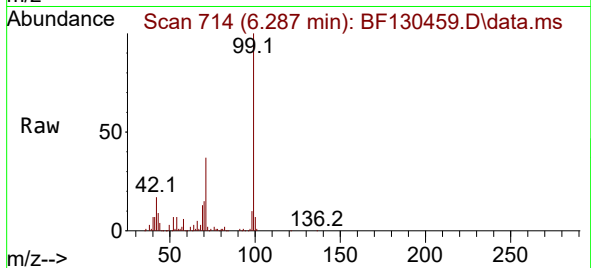




#7
Phenol-d6
Concen: 18.000 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

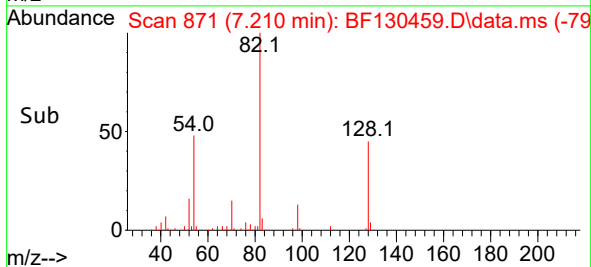
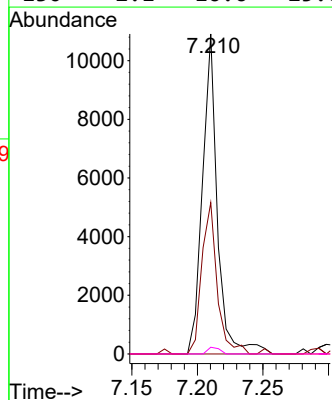
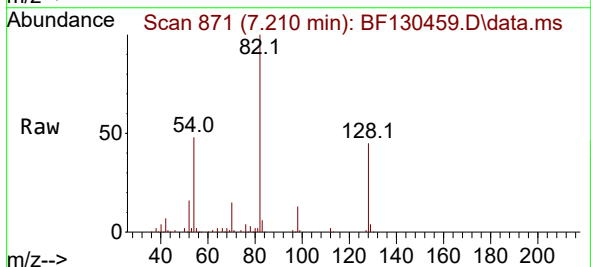
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ClientSampleId :
OK-03-092622

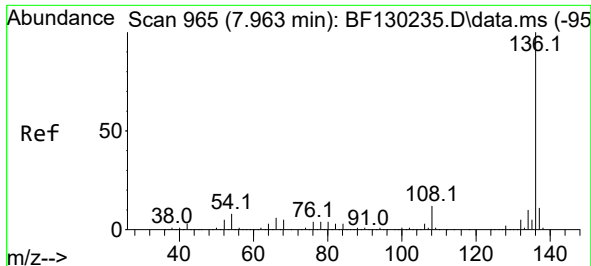
Tgt Ion: 99 Resp: 111917
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 36.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.059 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion: 70 Resp: 8638
Ion Ratio Lower Upper
70 100
42 47.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



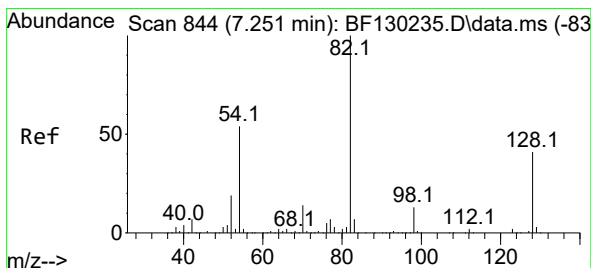
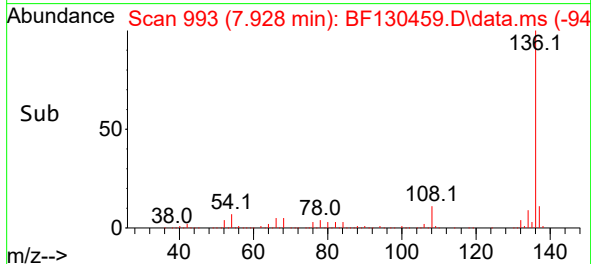
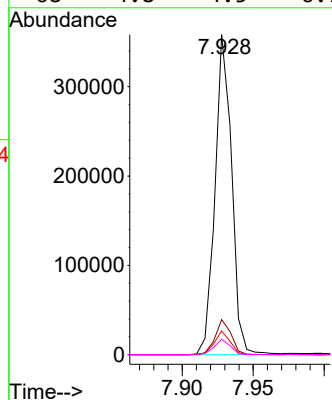
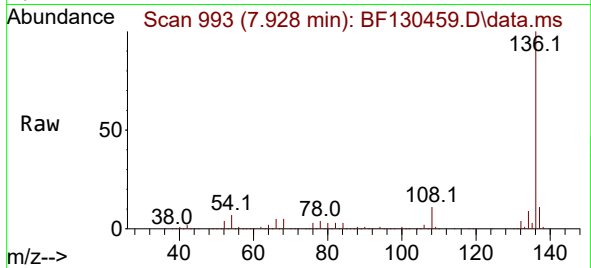


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Instrument :
BNA_F
ClientSampleId :
OK-03-092622

Tgt Ion:136 Resp: 292251

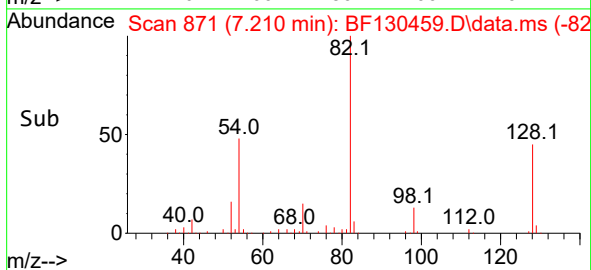
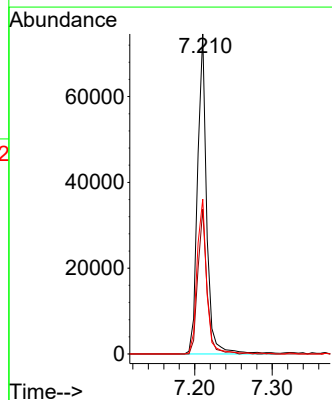
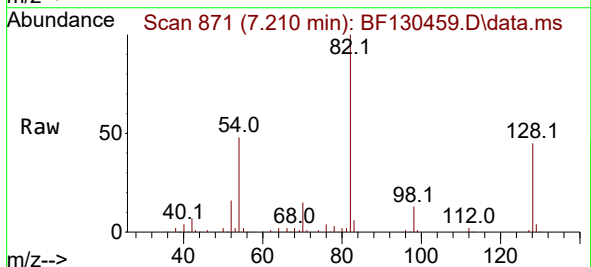
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	7.1	10.7
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 10.649 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion: 82 Resp: 60919

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	49.0
54	48.4	43.8	65.6

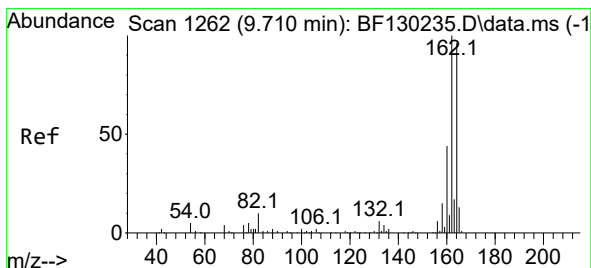
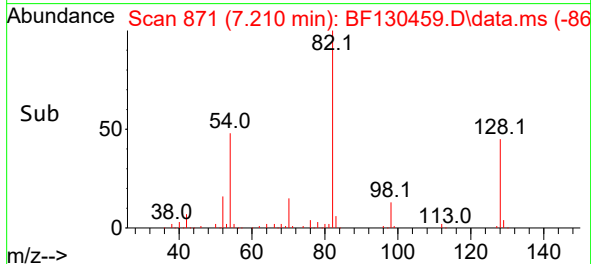
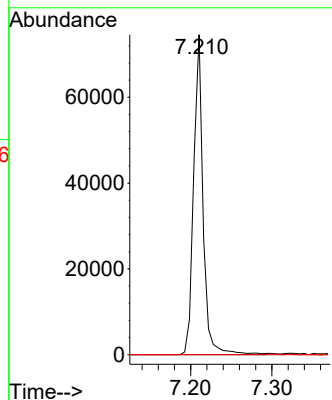
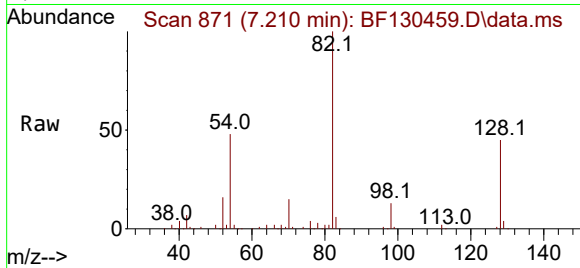




#25
Isophorone
Concen: 6.607 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

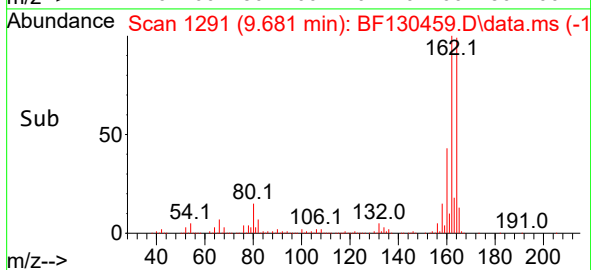
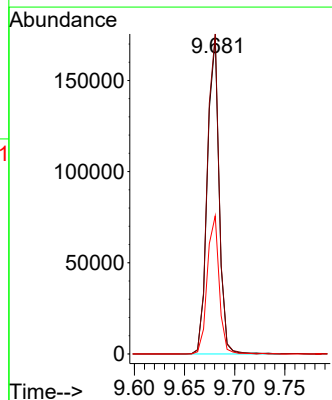
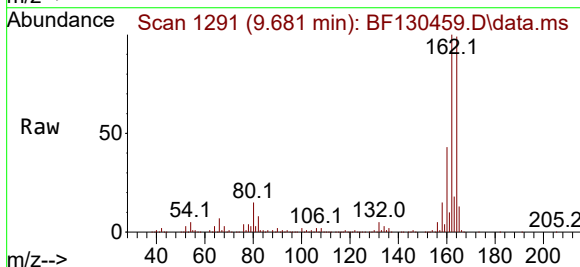
Instrument :
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ClientSampleId :
OK-03-092622

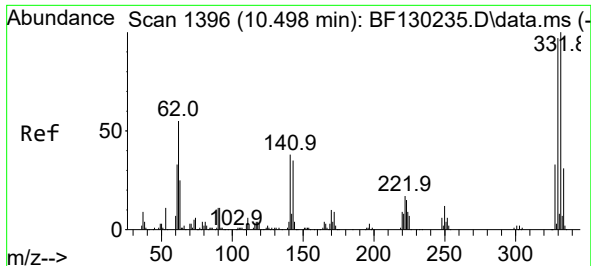
Tgt Ion: 82 Resp: 60918
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion: 164 Resp: 141453
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 21.536 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130459.D

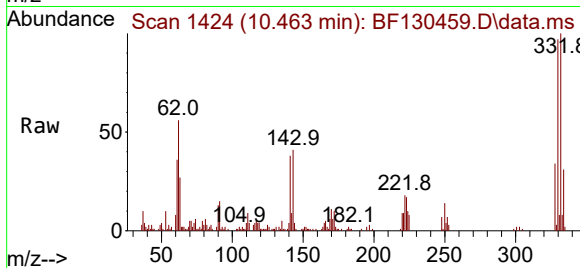
Acq: 28 Sep 2022 21:33

Instrument :

BNA_F

ClientSampleId :

OK-03-092622



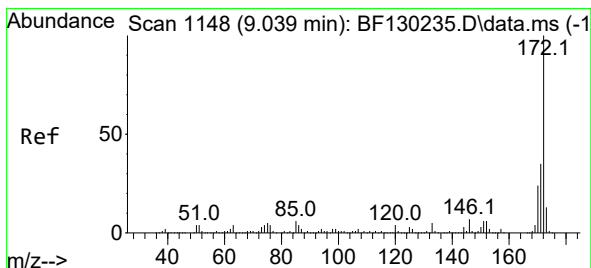
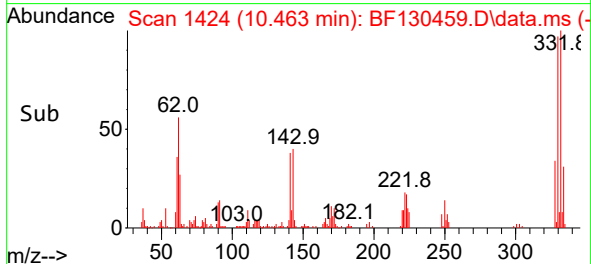
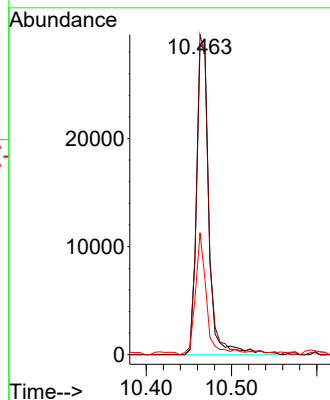
Tgt Ion:330 Resp: 29190

Ion Ratio Lower Upper

330 100

332 98.7 83.4 125.2

141 34.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 11.154 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130459.D

Acq: 28 Sep 2022 21:33

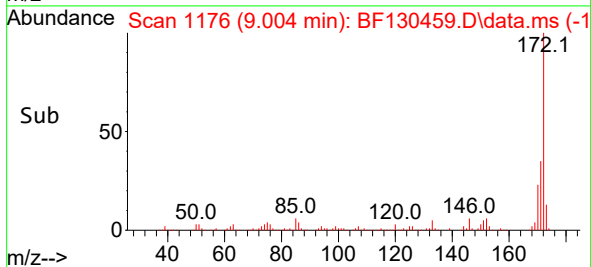
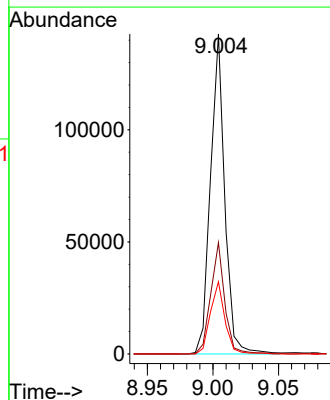
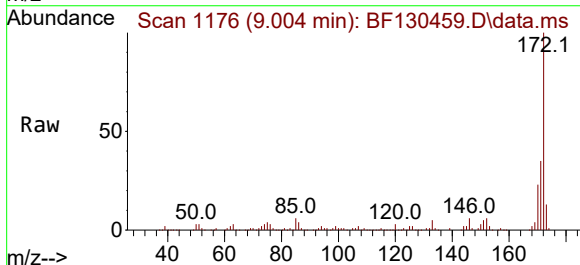
Tgt Ion:172 Resp: 108345

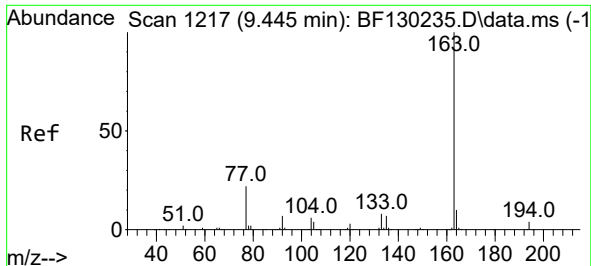
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.5 18.7 28.1

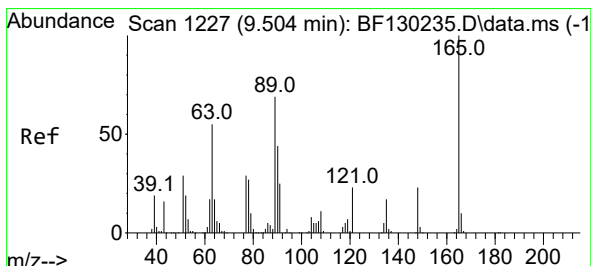
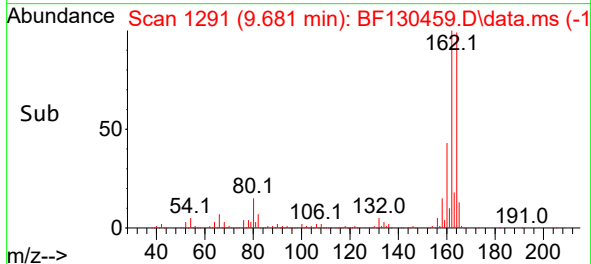
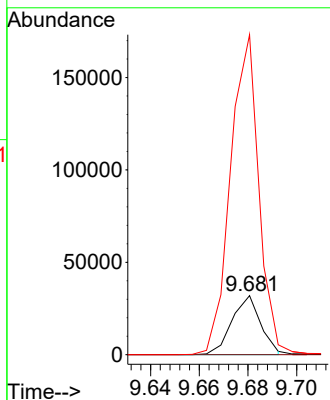
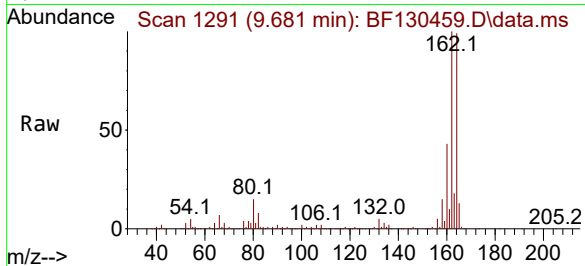




#50
Dimethylphthalate
Concen: 2.685 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.265 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

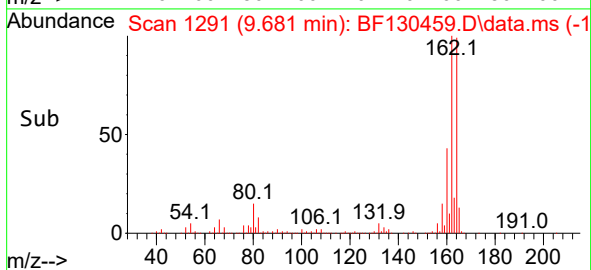
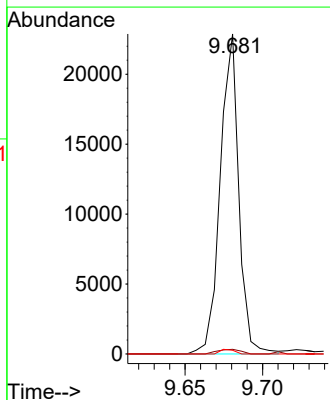
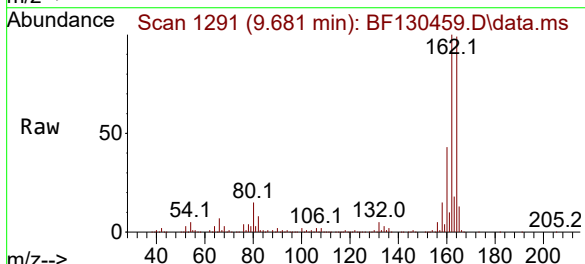
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

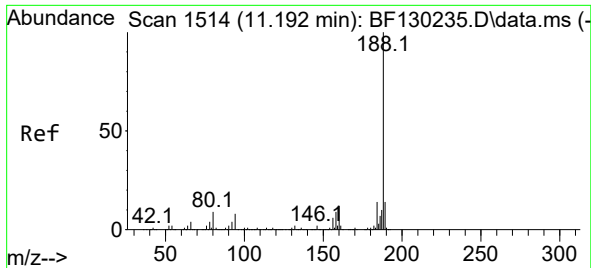
Tgt Ion:163 Resp: 26238
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 541.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.307 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.206 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:165 Resp: 19018
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.1 54.5 81.7#

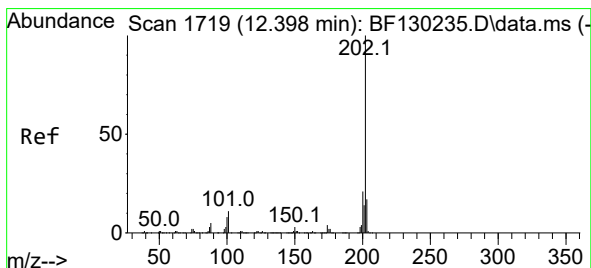
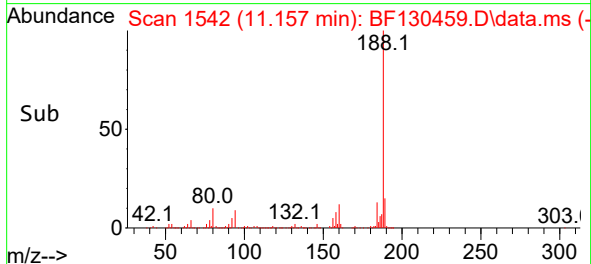
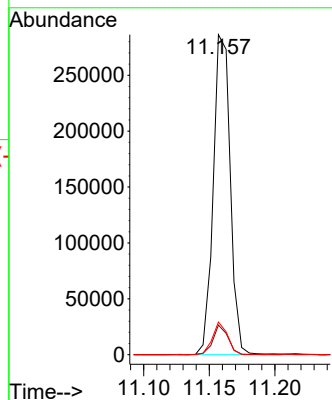
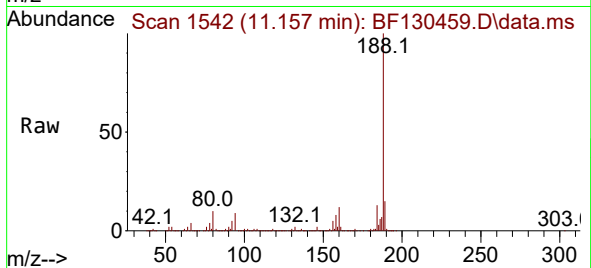




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

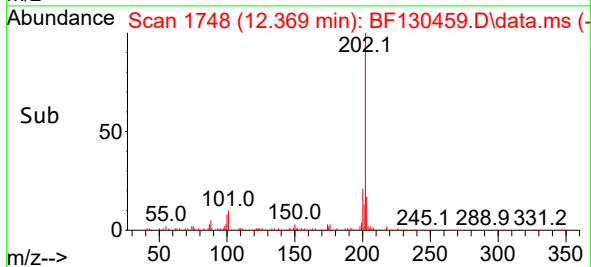
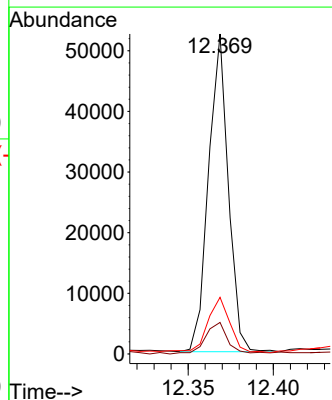
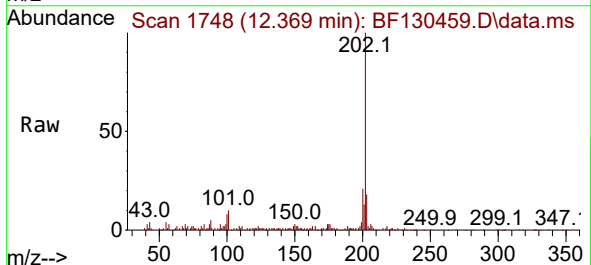
Instrument :
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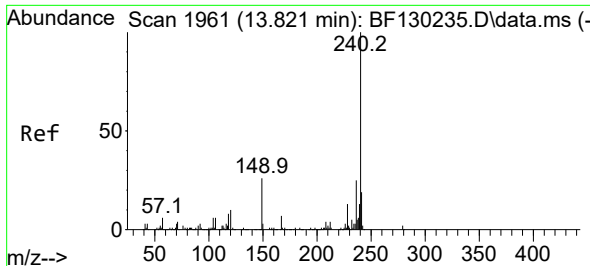
Tgt Ion:188 Resp: 258349
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 7.9 11.9



#75
Fluoranthene
Concen: 3.014 ng
RT: 12.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:202 Resp: 42243
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 17.7 0.0 37.8

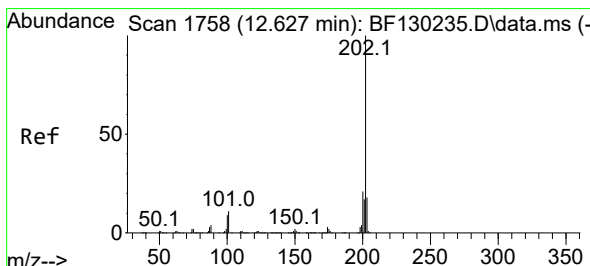
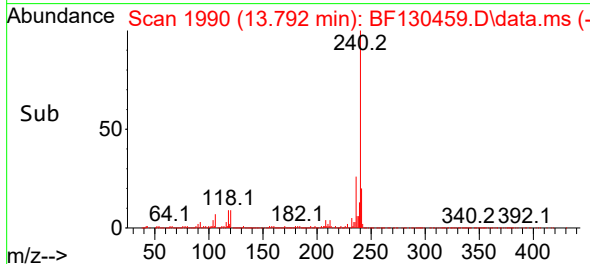
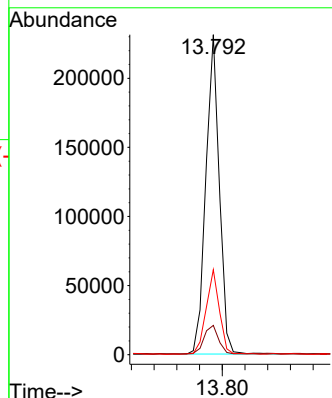
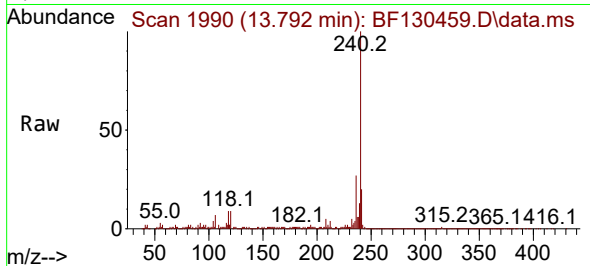




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

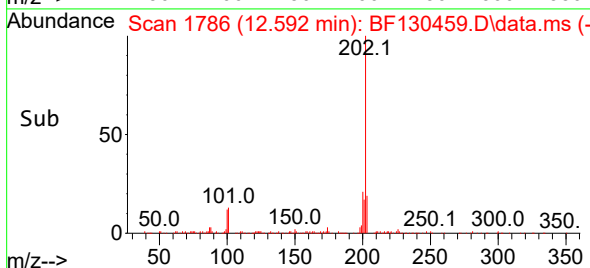
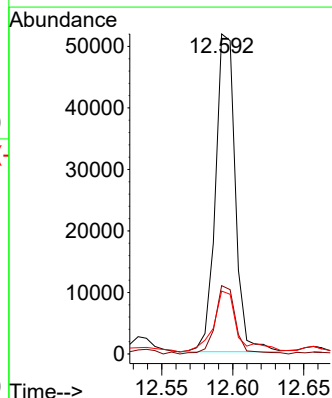
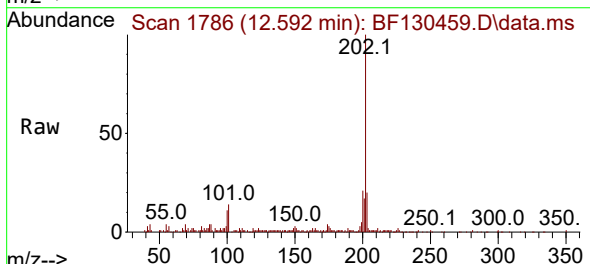
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

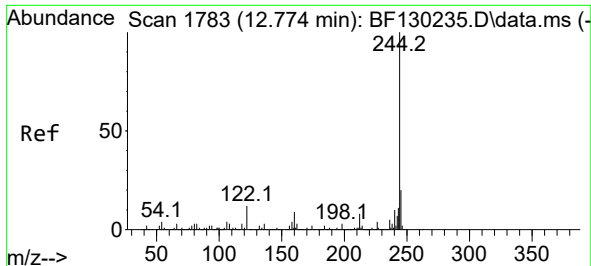
Tgt Ion:240 Resp: 189709
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 26.5 20.9 31.3



#78
Pyrene
Concen: 3.015 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:202 Resp: 50043
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 19.7 14.3 21.5

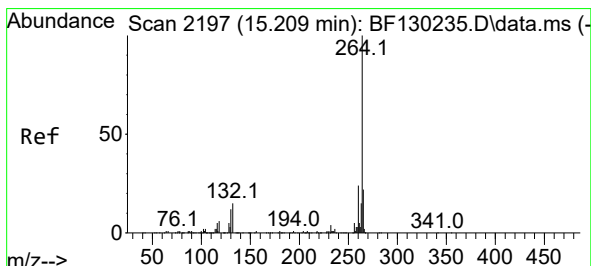
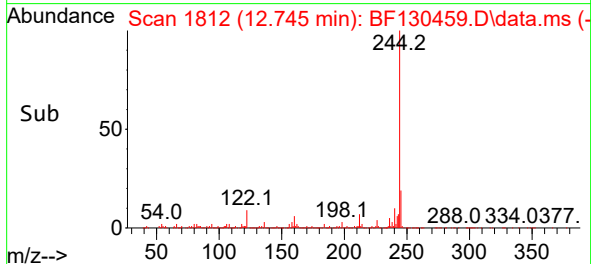
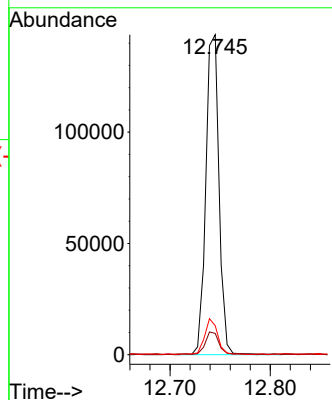
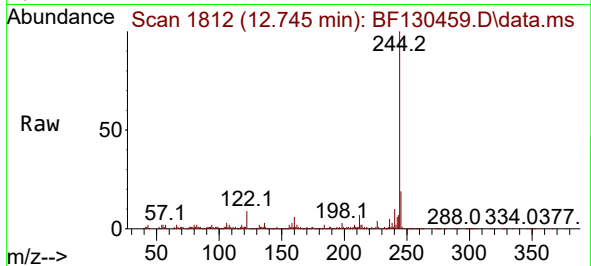




#79
 Terphenyl-d14
 Concen: 11.553 ng
 RT: 12.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130459.D
 Acq: 28 Sep 2022 21:33

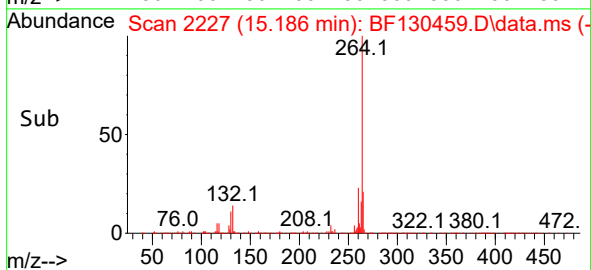
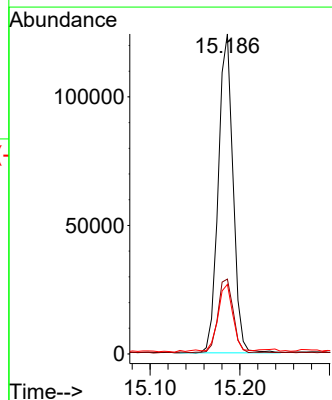
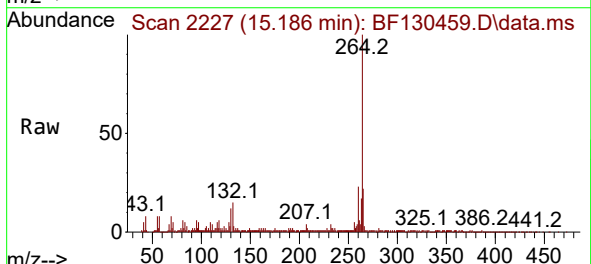
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092622

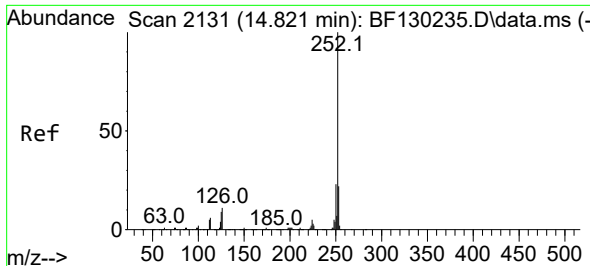
Tgt Ion:244 Resp: 132315
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 2227
 Delta R.T. 0.012 min
 Lab File: BF130459.D
 Acq: 28 Sep 2022 21:33

Tgt Ion:264 Resp: 141235
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.8 17.0 25.4

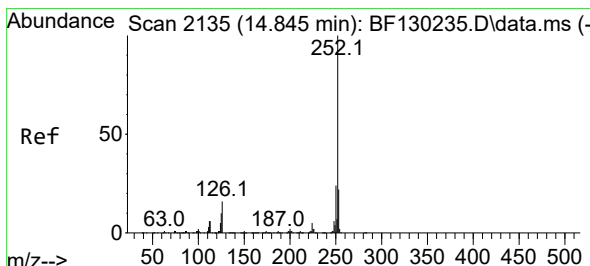
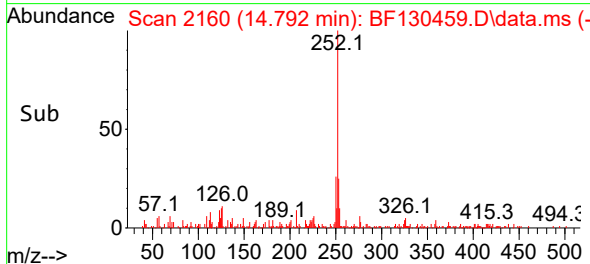
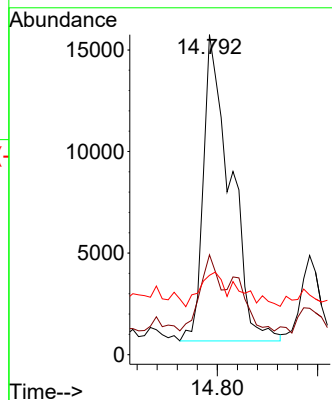
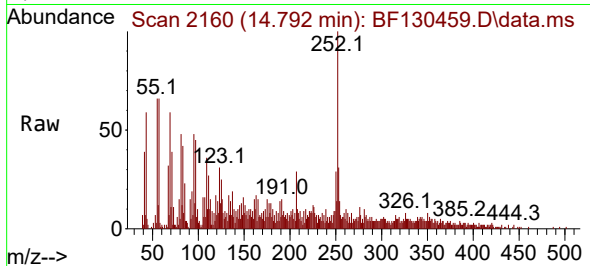




#88
Benzo(b)fluoranthene
Concen: 3.057 ng
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

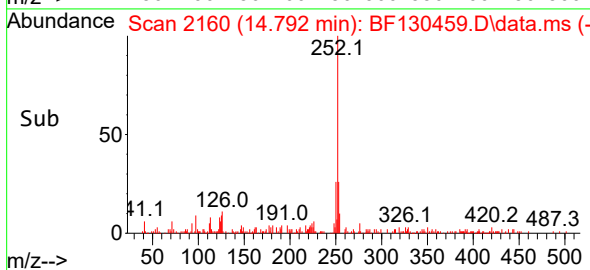
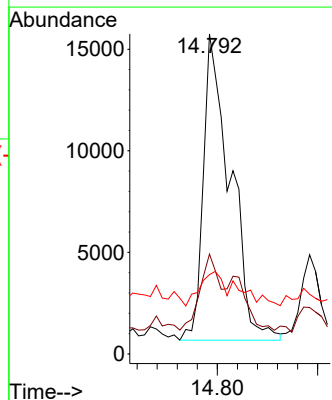
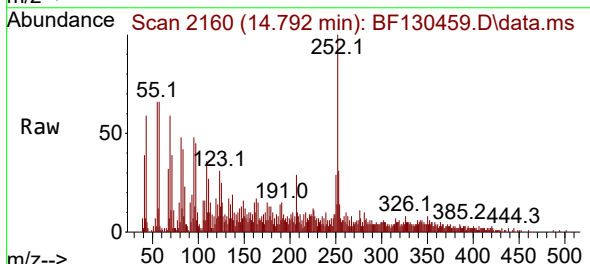
Instrument :
BNA_F
ClientSampleId :
OK-03-092622

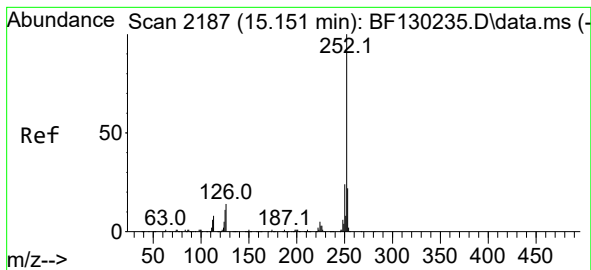
Tgt Ion:252 Resp: 28181
Ion Ratio Lower Upper
252 100
253 31.2 17.7 26.5#
125 24.8 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.108 ng
RT: 14.792 min Scan# 2160
Delta R.T. -0.023 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:252 Resp: 28181
Ion Ratio Lower Upper
252 100
253 31.2 17.4 26.2#
125 24.8 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 2.029 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130459.D

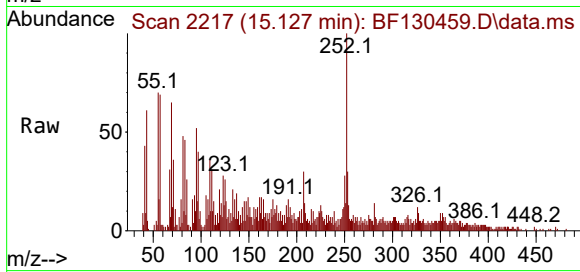
Acq: 28 Sep 2022 21:33

Instrument :

BNA_F

ClientSampleId :

OK-03-092622



Tgt Ion:252 Resp: 14819

Ion Ratio Lower Upper

252 100

253 29.9 17.8 26.6#

125 26.5 9.0 13.6#

