

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130456.D
 Acq On : 28 Sep 2022 19:48
 Operator : CG\JU
 Sample : N4855-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-02-092822

Quant Time: Sep 29 02:17:54 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)

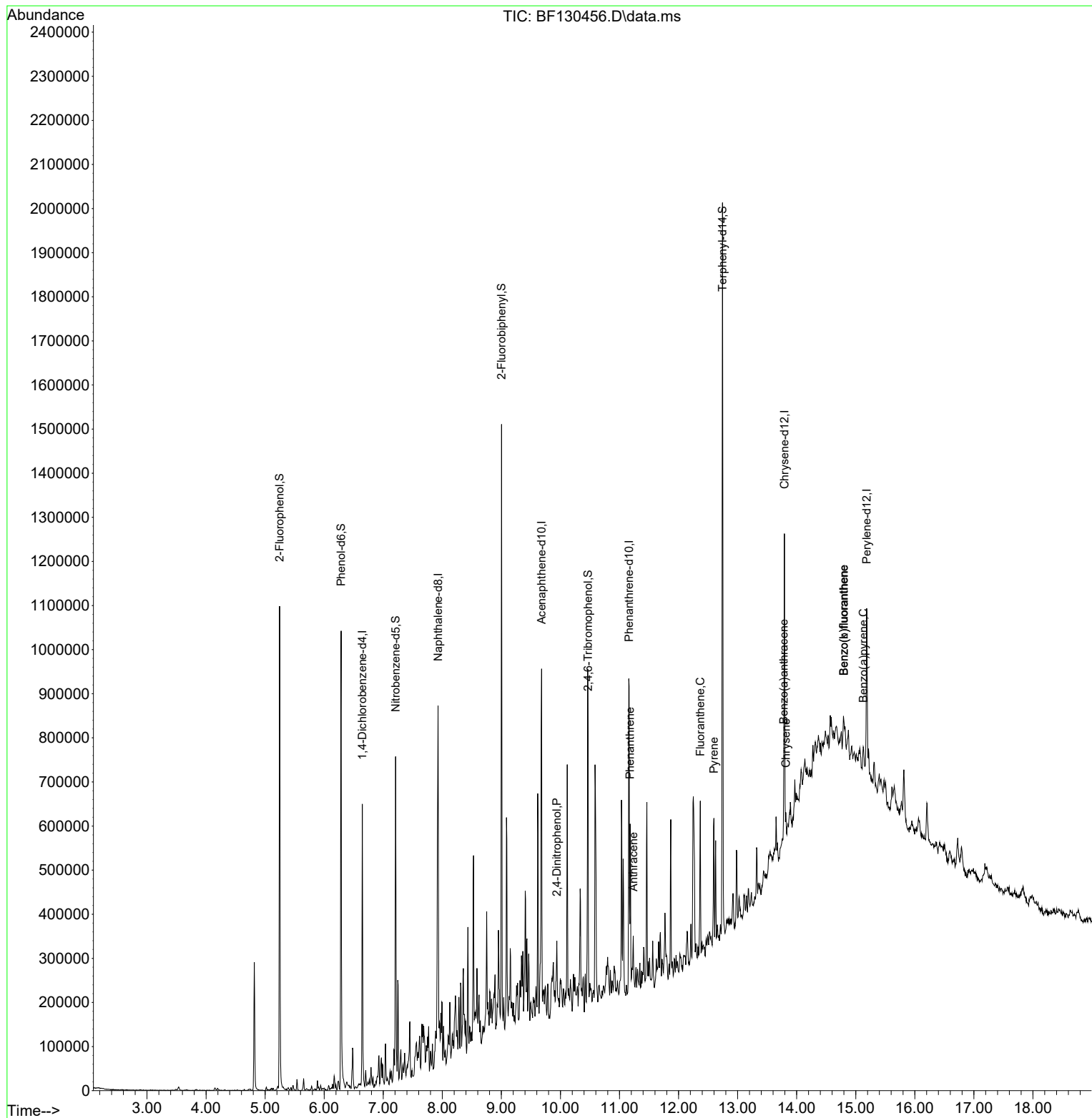
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	84324	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	286384	20.000	ng	0.00
39) Acenaphthene-d10	9.680	164	142198	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	272570	20.000	ng	# 0.00
76) Chrysene-d12	13.792	240	212852	20.000	ng	0.00
86) Perylene-d12	15.186	264	151169	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	299930	61.693	ng	0.00
7) Phenol-d6	6.286	99	340148	55.917	ng	0.00
23) Nitrobenzene-d5	7.210	82	199694	35.624	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	88987	65.310	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	362949	37.168	ng	0.00
79) Terphenyl-d14	12.745	244	506097	39.386	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	9.939	184	67	6.310	ng	# 1
71) Phenanthrene	11.180	178	132135	8.634	ng	99
72) Anthracene	11.233	178	34437	2.332	ng	99
75) Fluoranthene	12.368	202	124000	8.385	ng	97
78) Pyrene	12.598	202	118420	6.360	ng	98
81) Benzo(a)anthracene	13.780	228	30702	2.168	ng	# 74
83) Chrysene	13.815	228	28687	2.134	ng	# 87
88) Benzo(b)fluoranthene	14.798	252	30613	3.103	ng	# 58
89) Benzo(k)fluoranthene	14.798	252	30613	3.154	ng	# 57
90) Benzo(a)pyrene	15.127	252	17592	2.251	ng	# 65

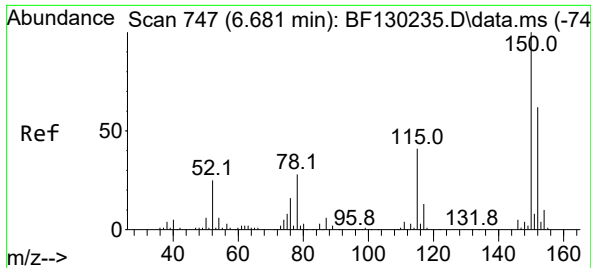
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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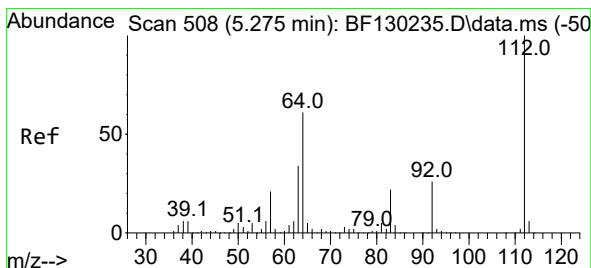
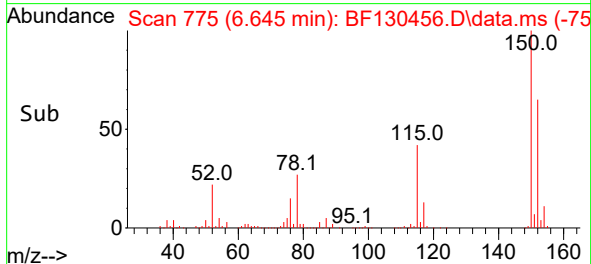
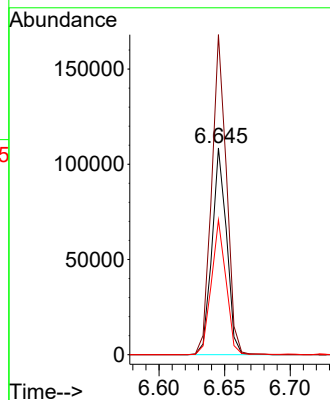
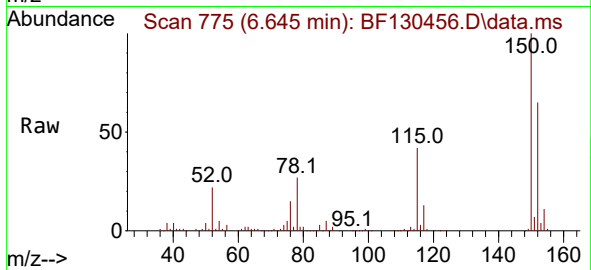




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48

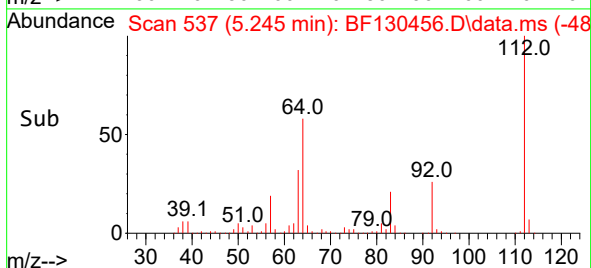
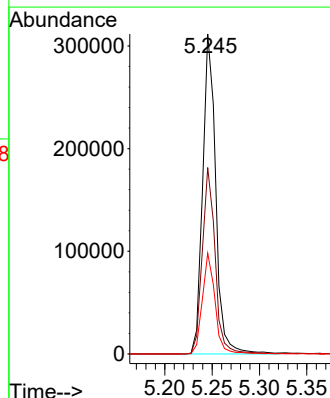
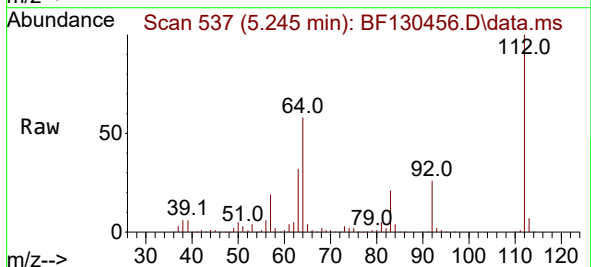
Instrument :
 BNA_F
 ClientSampleId :
 OE-02-092822

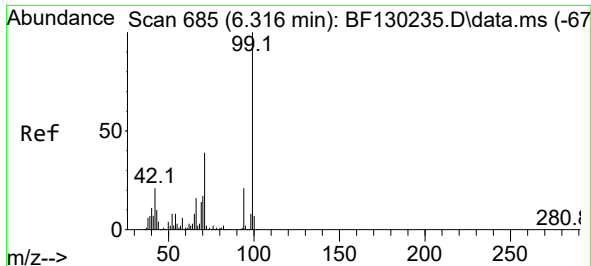
Tgt Ion:152 Resp: 84324
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.8 184.2
 115 65.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 61.693 ng
 RT: 5.245 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48

Tgt Ion:112 Resp: 299930
 Ion Ratio Lower Upper
 112 100
 64 58.3 51.4 77.0
 63 31.5 28.8 43.2





#7
Phenol-d6
Concen: 55.917 ng
RT: 6.286 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

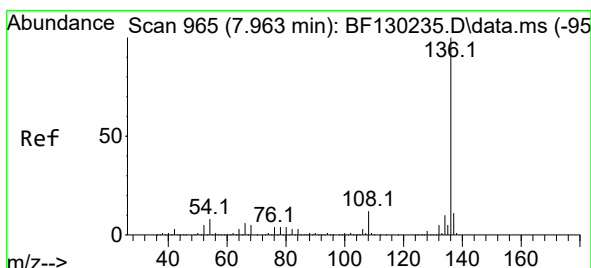
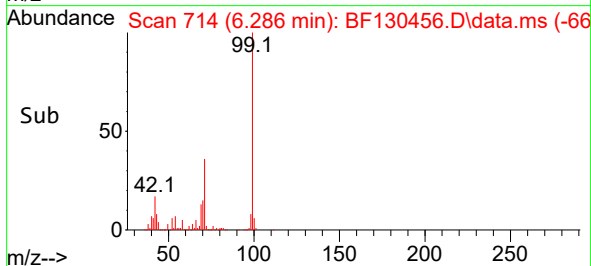
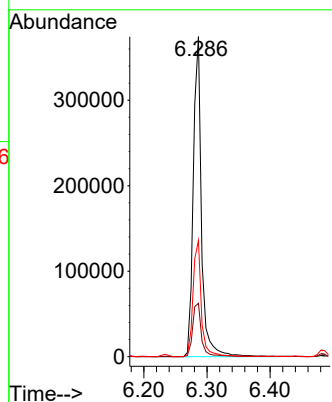
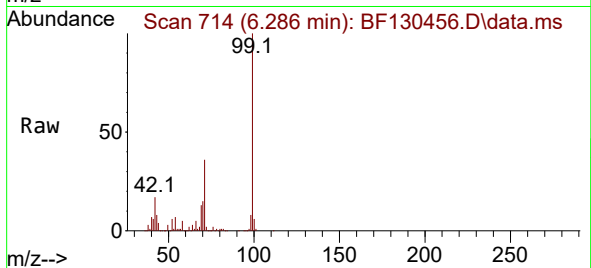
Instrument :

BNA_F

ClientSampleId :

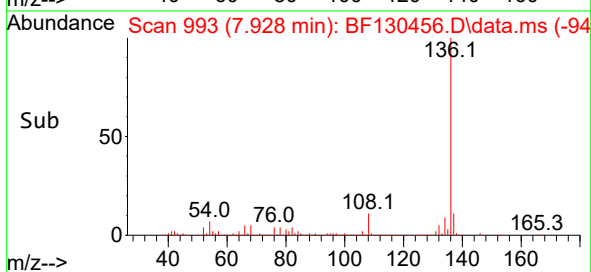
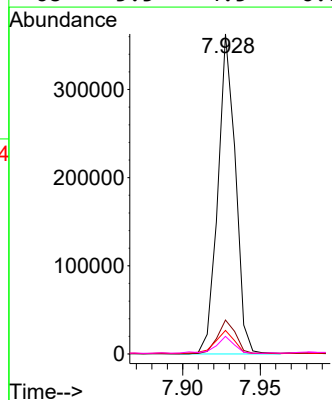
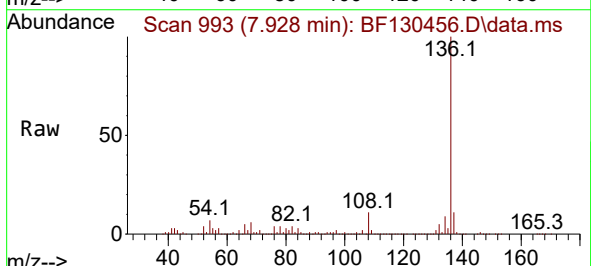
OE-02-092822

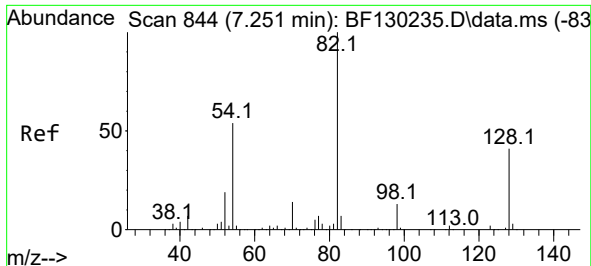
Tgt Ion: 99 Resp: 340148
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 36.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion: 136 Resp: 286384
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.3 7.1 10.7
68 5.5 4.5 6.7

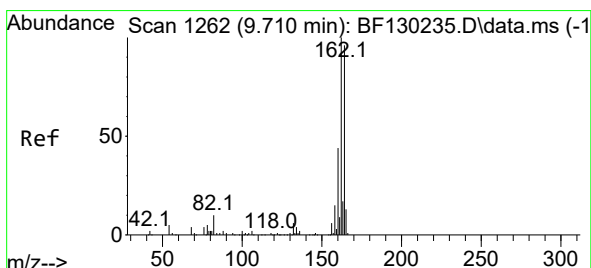
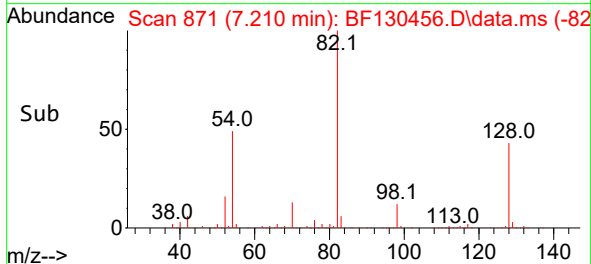
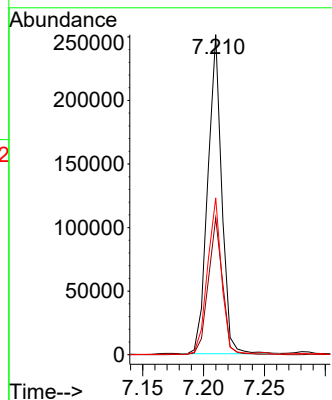
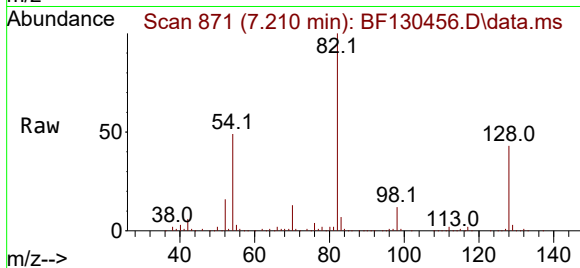




#23
Nitrobenzene-d5
Concen: 35.624 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

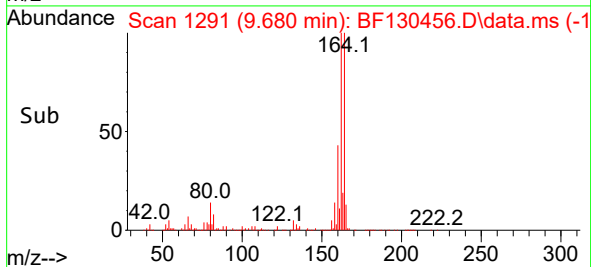
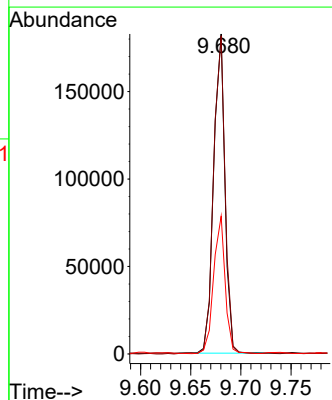
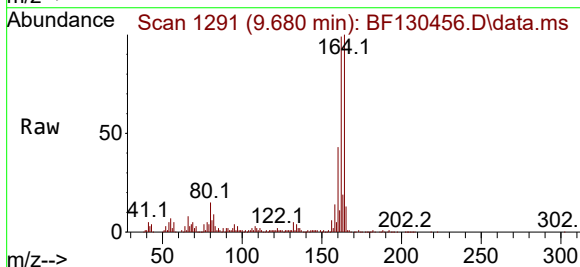
Instrument :
BNA_F
ClientSampleId :
OE-02-092822

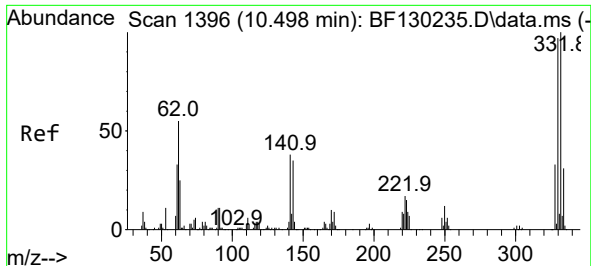
Tgt Ion: 82 Resp: 199694
Ion Ratio Lower Upper
82 100
128 42.8 32.6 49.0
54 49.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:164 Resp: 142198
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 65.310 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.000 min

Lab File: BF130456.D

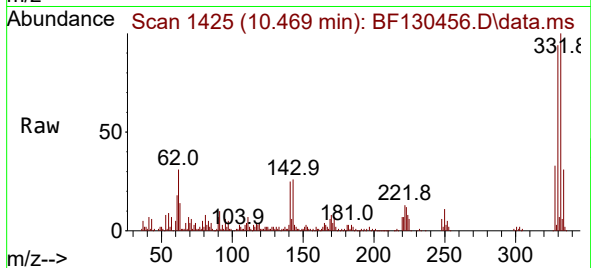
Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822



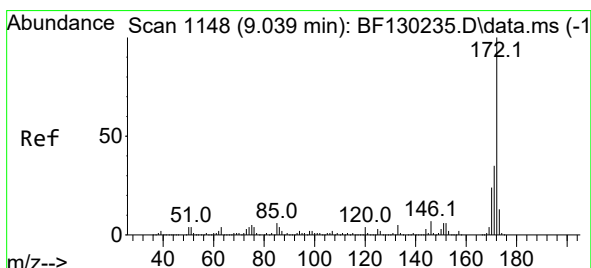
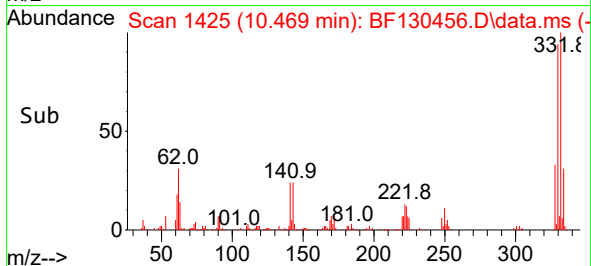
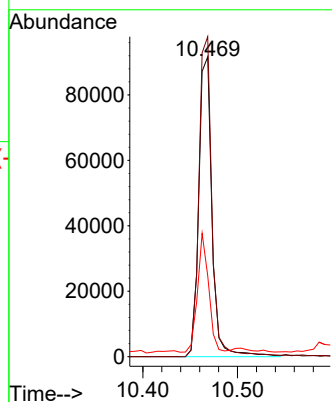
Tgt Ion:330 Resp: 88987

Ion Ratio Lower Upper

330 100

332 105.2 83.4 125.2

141 33.5 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 37.168 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

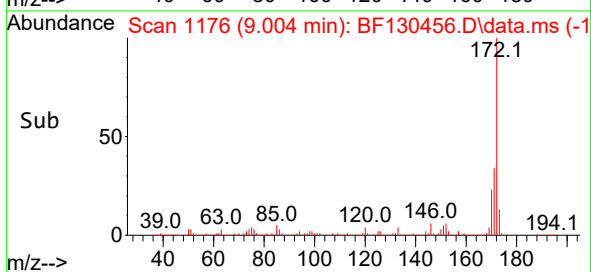
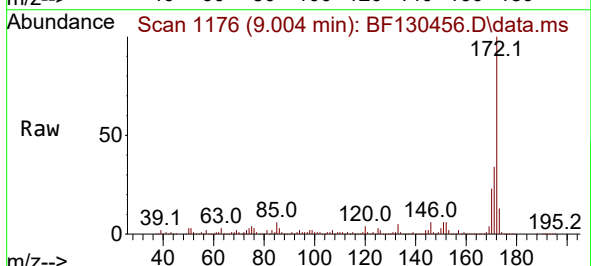
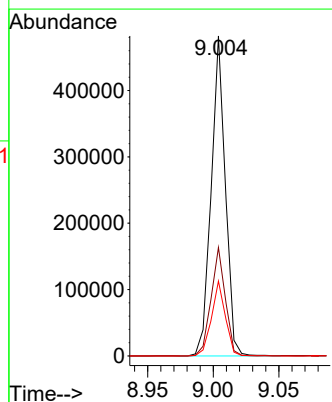
Tgt Ion:172 Resp: 362949

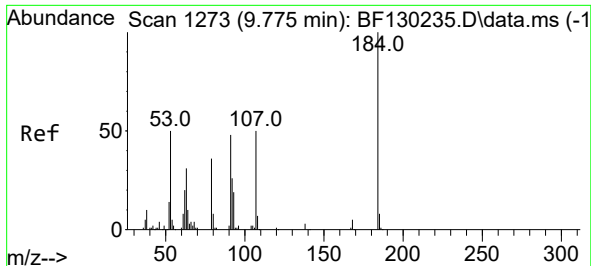
Ion Ratio Lower Upper

172 100

171 33.9 28.3 42.5

170 23.4 18.7 28.1

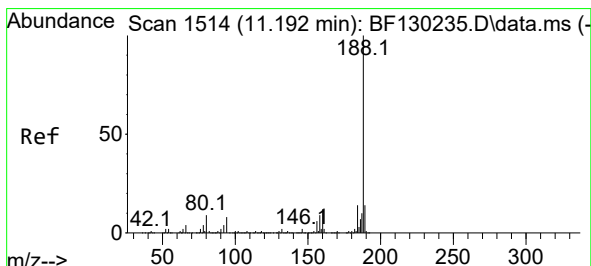
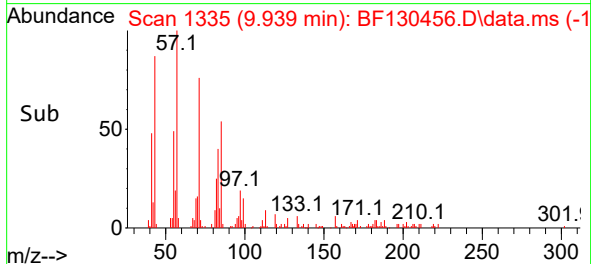
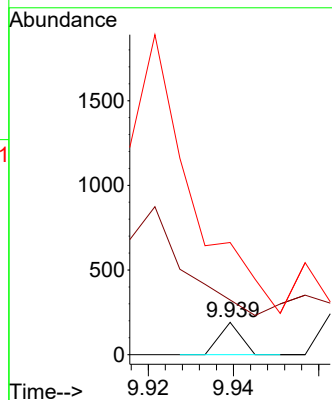
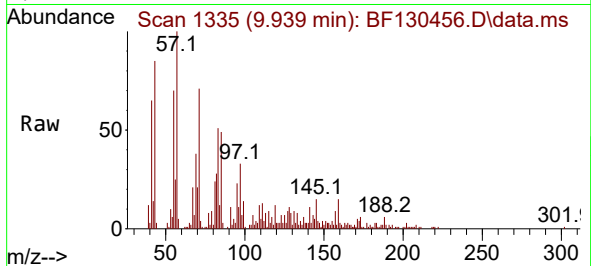




#54
2,4-Dinitrophenol
Concen: 6.310 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

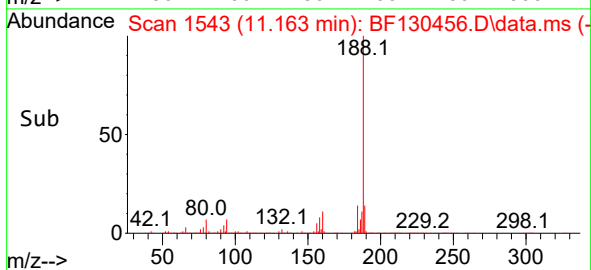
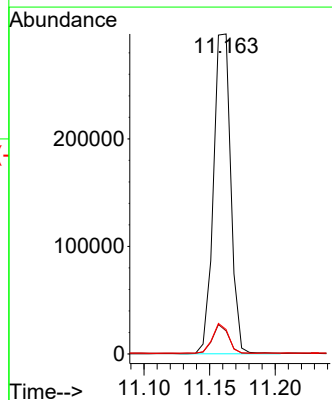
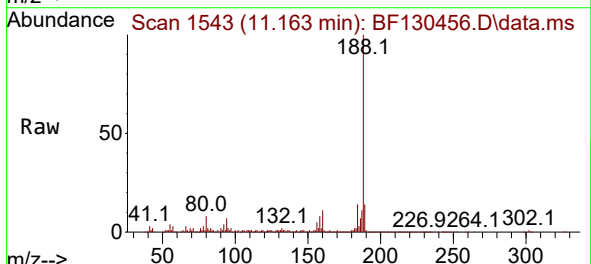
Instrument :
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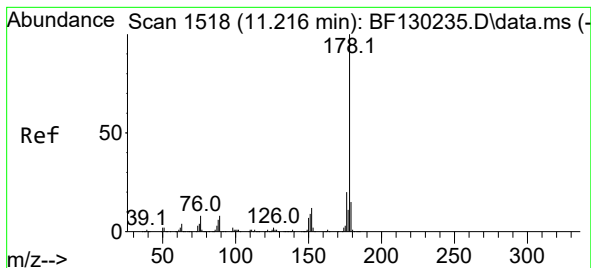
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 169.1 70.0 105.0#
154 346.6 63.0 94.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:188 Resp: 272570
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2#
80 7.6 7.9 11.9#





#71

Phenanthrene

Concen: 8.634 ng

RT: 11.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

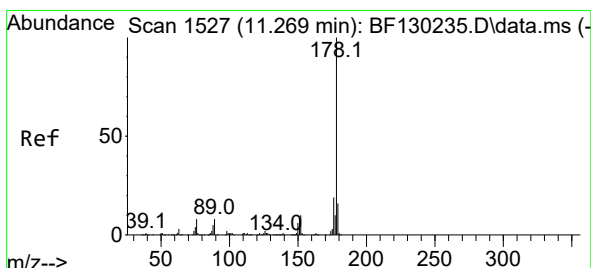
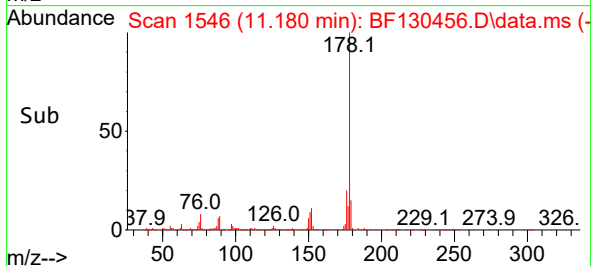
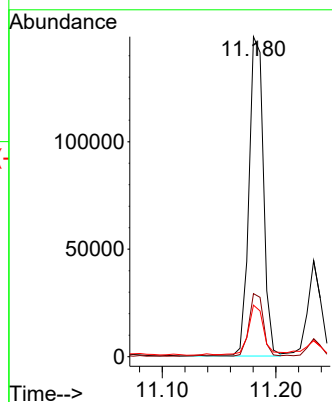
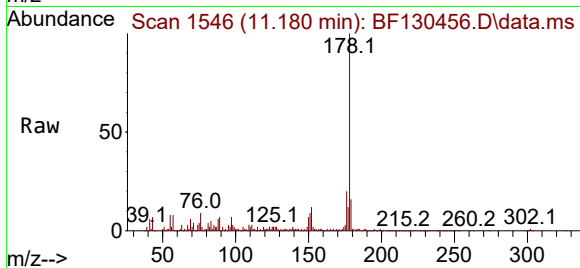
Tgt Ion:178 Resp: 132135

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 16.1 12.4 18.6



#72

Anthracene

Concen: 2.332 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

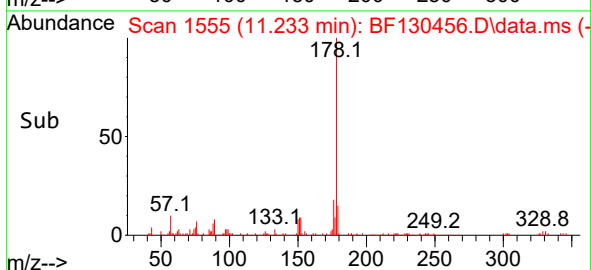
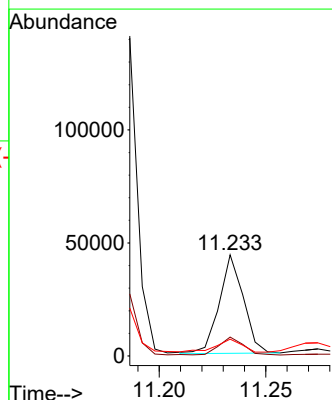
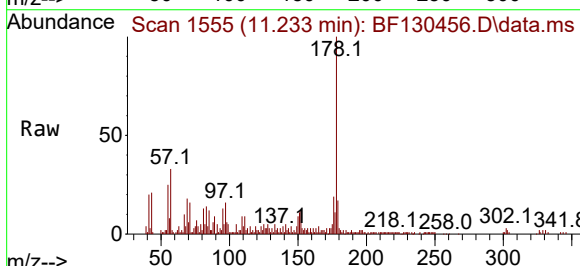
Tgt Ion:178 Resp: 34437

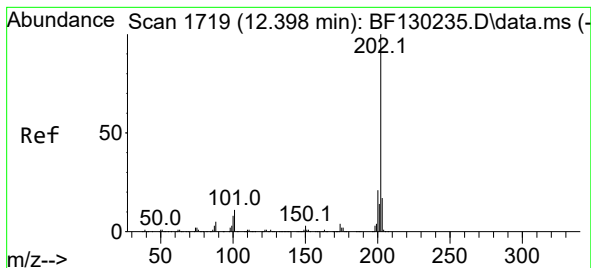
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 16.7 12.7 19.1





#75

Fluoranthene

Concen: 8.385 ng

RT: 12.368 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

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OE-02-092822

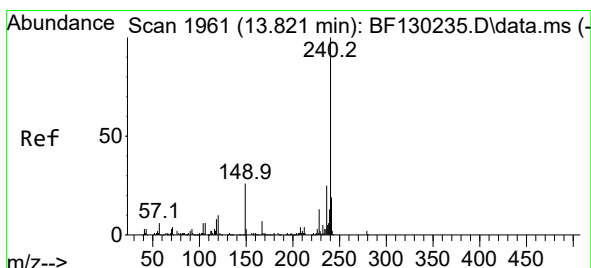
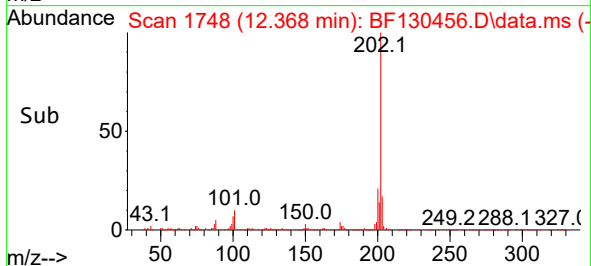
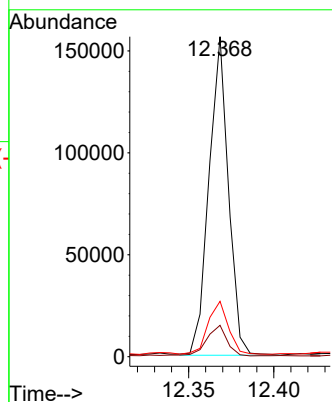
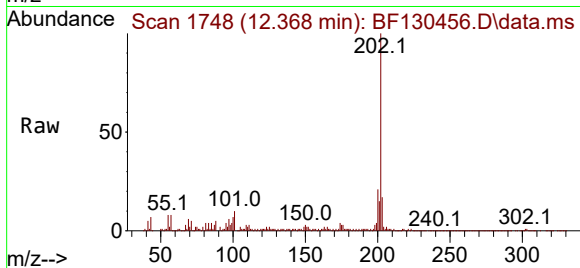
Tgt Ion:202 Resp: 124000

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.8

203 17.3 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.792 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

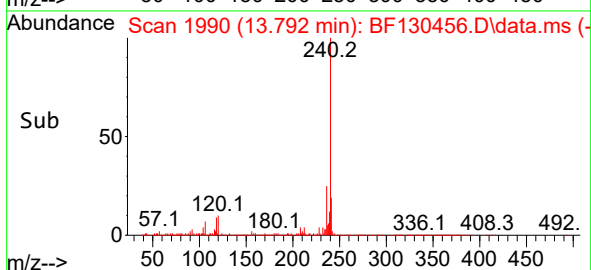
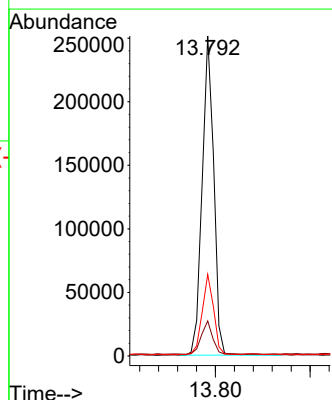
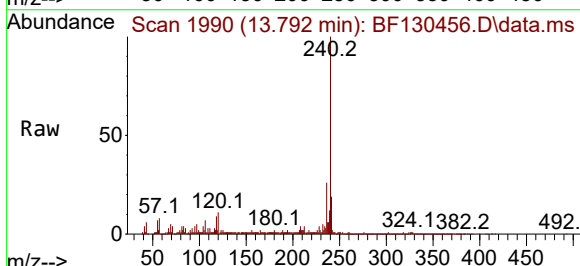
Tgt Ion:240 Resp: 212852

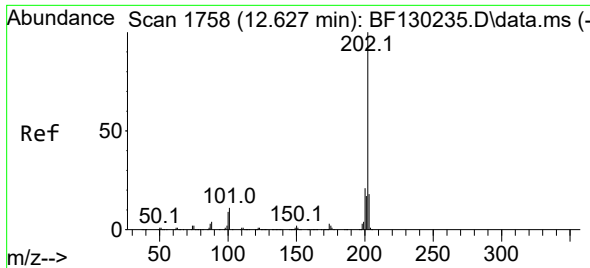
Ion Ratio Lower Upper

240 100

120 11.0 8.7 13.1

236 25.5 20.9 31.3

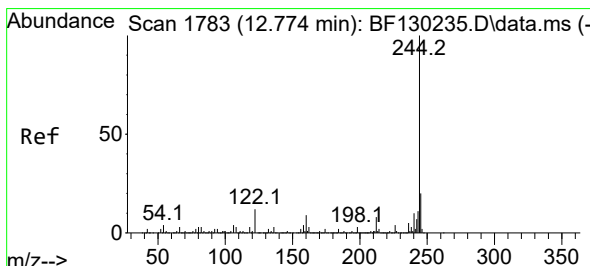
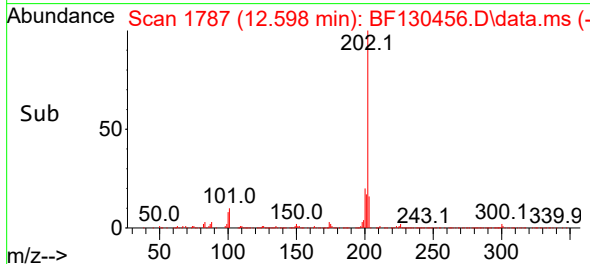
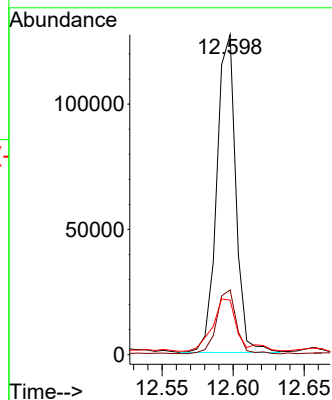
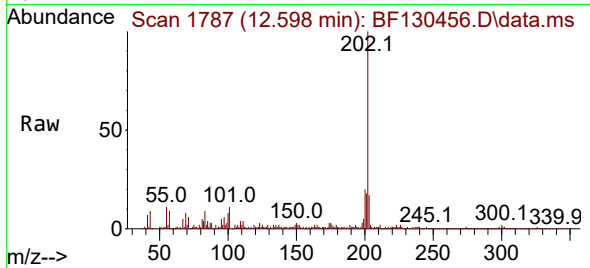




#78
 Pyrene
 Concen: 6.360 ng
 RT: 12.598 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48

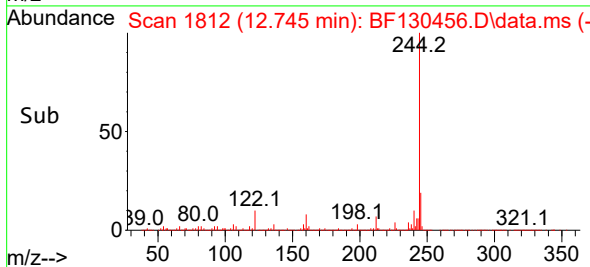
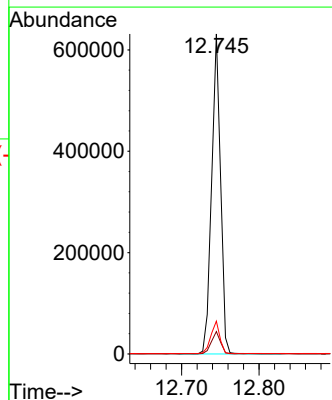
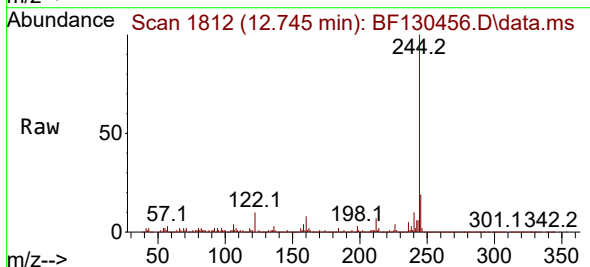
Instrument :
 BNA_F
 ClientSampleId :
 OE-02-092822

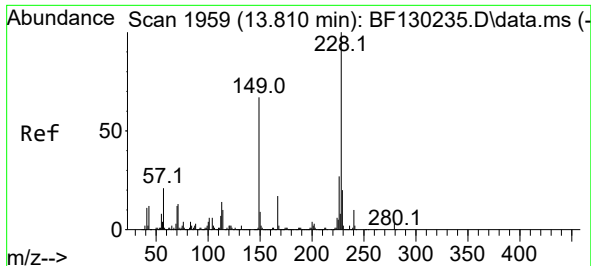
Tgt Ion:202 Resp: 118420
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.2 25.8
 203 17.0 14.3 21.5



#79
 Terphenyl-d14
 Concen: 39.386 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48

Tgt Ion:244 Resp: 506097
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 8.5 12.7

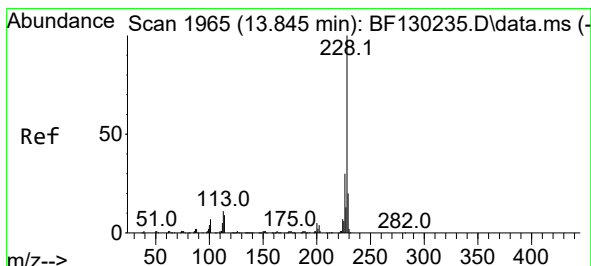
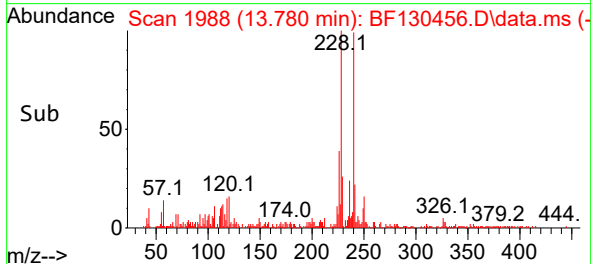
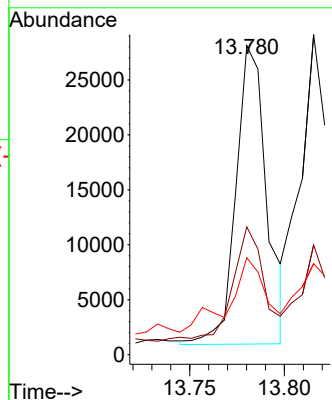
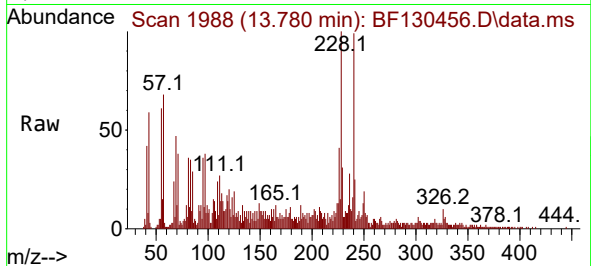




#81
Benzo(a)anthracene
Concen: 2.168 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

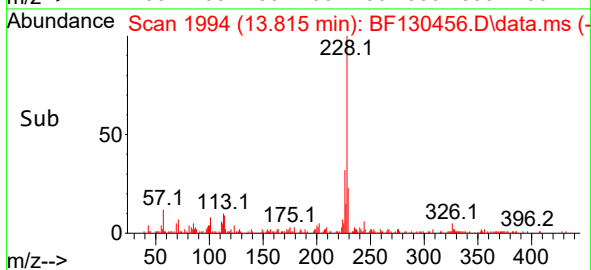
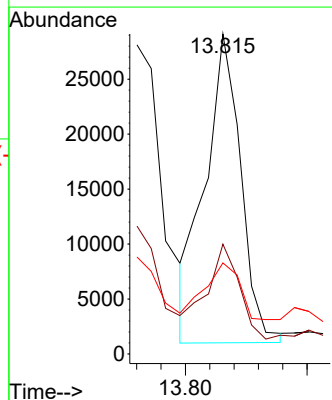
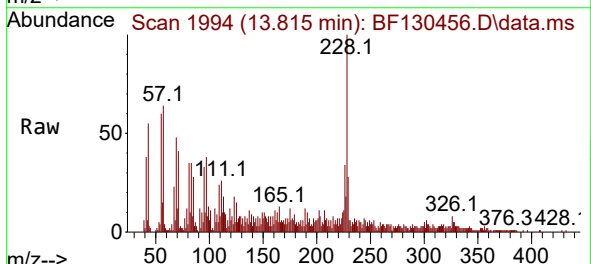
Instrument :
BNA_F
ClientSampleId :
OE-02-092822

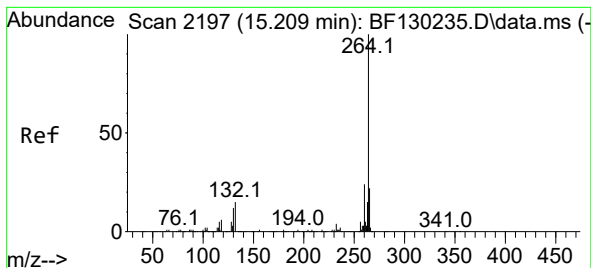
Tgt Ion:228 Resp: 30702
Ion Ratio Lower Upper
228 100
226 41.3 21.9 32.9#
229 31.4 16.1 24.1#



#83
Chrysene
Concen: 2.134 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:228 Resp: 28687
Ion Ratio Lower Upper
228 100
226 34.3 23.8 35.8
229 28.5 15.3 22.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.186 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

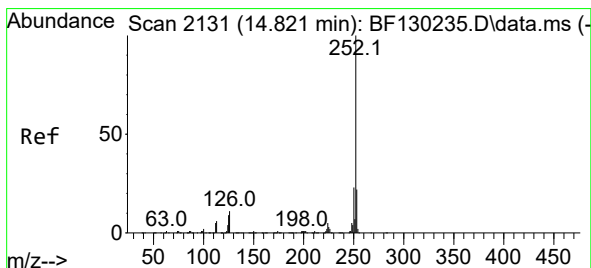
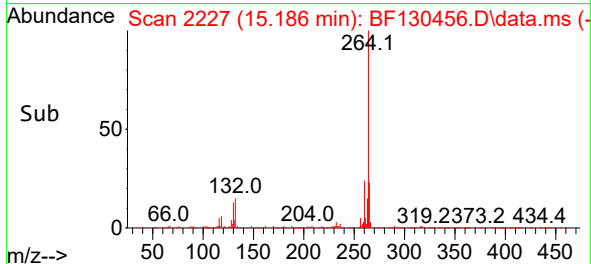
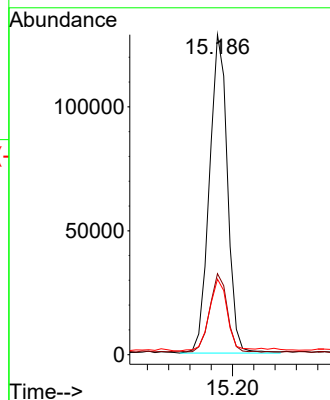
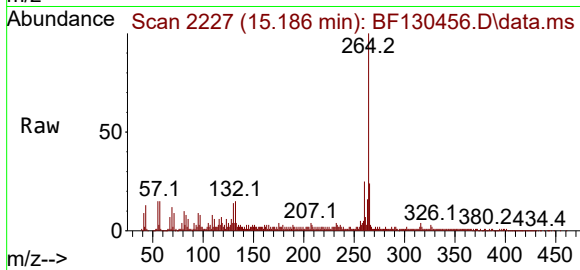
Tgt Ion:264 Resp: 151169

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 23.6 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.103 ng

RT: 14.798 min Scan# 2161

Delta R.T. 0.012 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

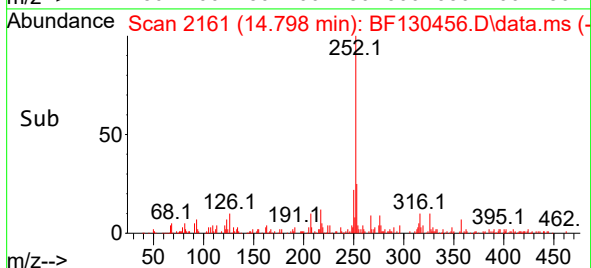
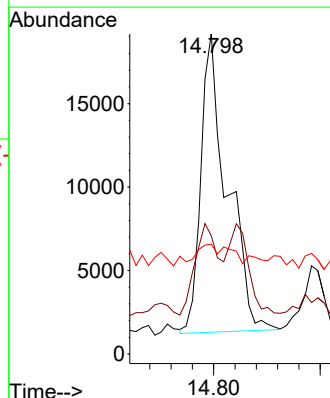
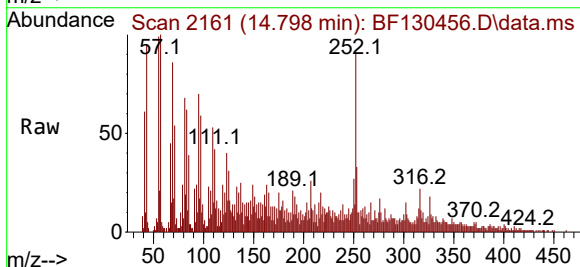
Tgt Ion:252 Resp: 30613

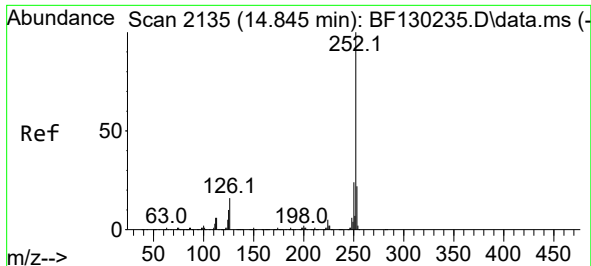
Ion Ratio Lower Upper

252 100

253 37.0 17.7 26.5#

125 34.4 8.1 12.1#

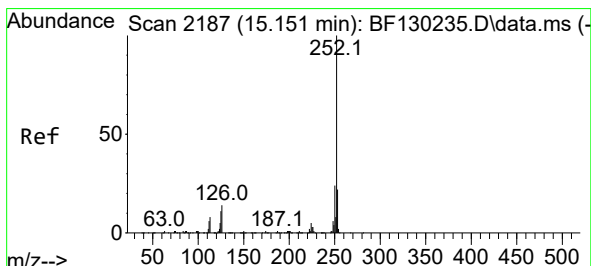
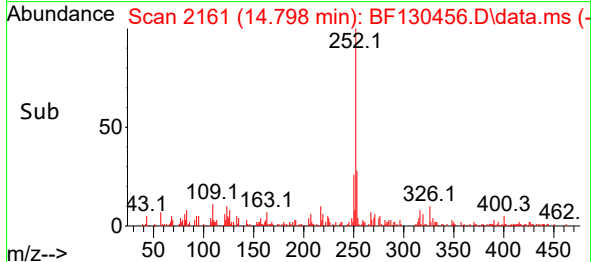
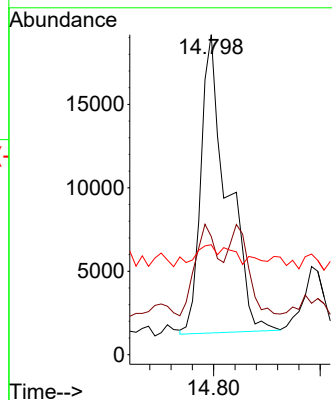
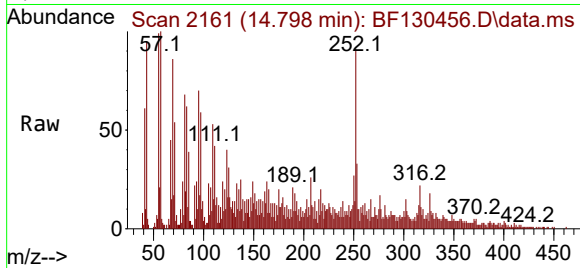




#89
Benzo(k)fluoranthene
Concen: 3.154 ng
RT: 14.798 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

Tgt Ion:252 Resp: 30613
Ion Ratio Lower Upper
252 100
253 37.0 17.4 26.2#
125 34.4 7.9 11.9#



#90
Benzo(a)pyrene
Concen: 2.251 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:252 Resp: 17592
Ion Ratio Lower Upper
252 100
253 33.8 17.8 26.6#
125 33.1 9.0 13.6#

