

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135323.D
 Acq On : 18 Sep 2023 23:56
 Operator : CG\JU
 Sample : 04446-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091423

Quant Time: Sep 19 00:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

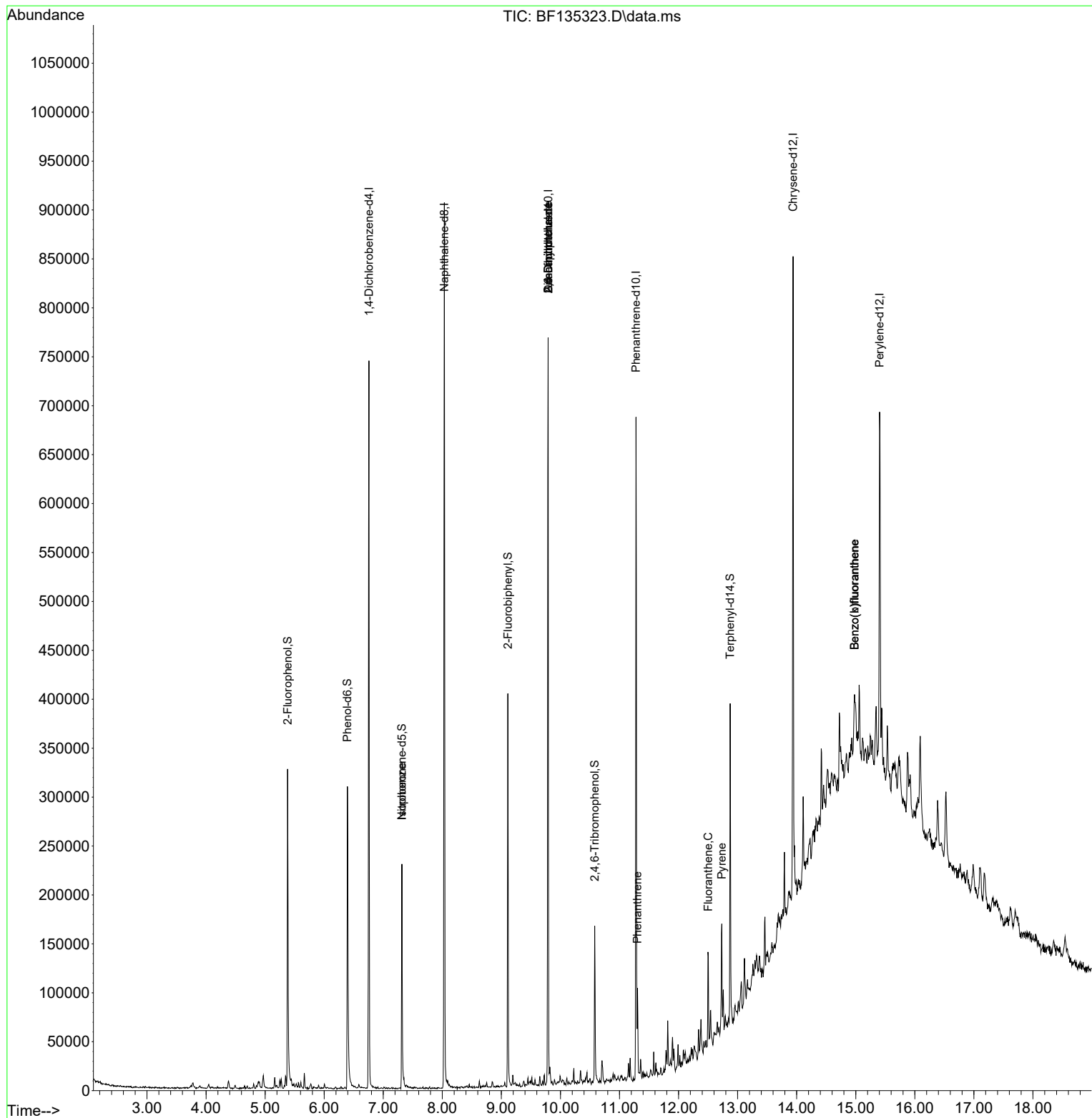
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	105470	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	365248	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	149469	20.000	ng	-0.01
64) Phenanthrene-d10	11.280	188	241049	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	208071	20.000	ng	0.00
86) Perylene-d12	15.404	264	178432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	94754	14.612	ng	0.00
7) Phenol-d6	6.392	99	109583	13.290	ng	-0.01
23) Nitrobenzene-d5	7.316	82	66811	9.938	ng	-0.02
42) 2,4,6-Tribromophenol	10.580	330	16817	11.322	ng	-0.02
45) 2-Fluorobiphenyl	9.110	172	117655	11.876	ng	-0.02
79) Terphenyl-d14	12.874	244	100613	7.496	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.316	82	66811	5.412	ng	# 65
50) Dimethylphthalate	9.792	163	29343	2.904	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	19995	9.032	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	19995	7.215	ng	# 18
71) Phenanthrene	11.304	178	29791	2.613	ng	98
75) Fluoranthene	12.504	202	40514	3.410	ng	98
78) Pyrene	12.733	202	45819	2.313	ng	100
88) Benzo(b)fluoranthene	14.980	252	25892	2.681	ng	# 81
89) Benzo(k)fluoranthene	14.980	252	25892	2.714	ng	# 81

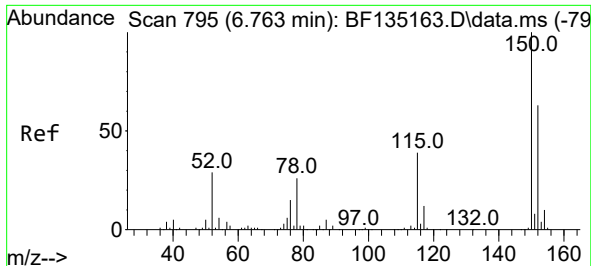
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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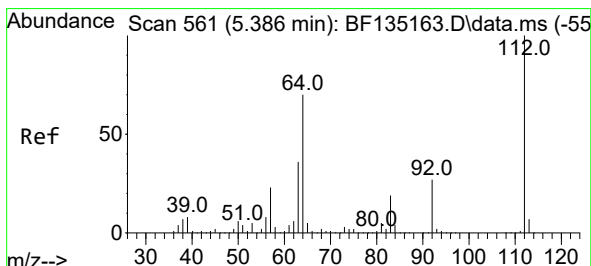
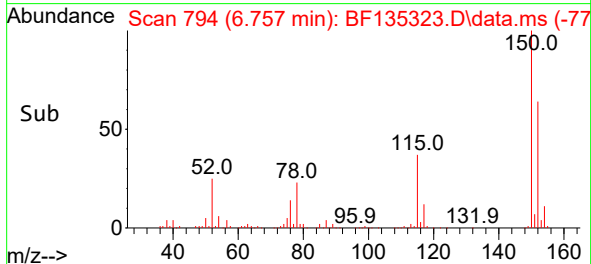
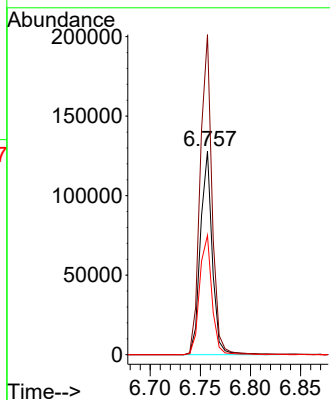
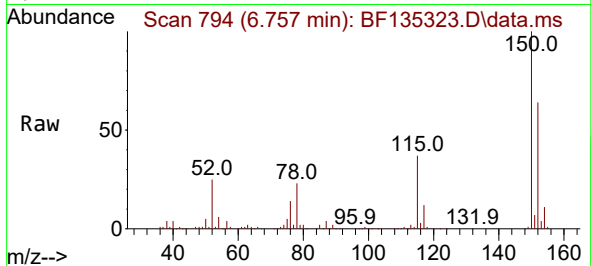




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

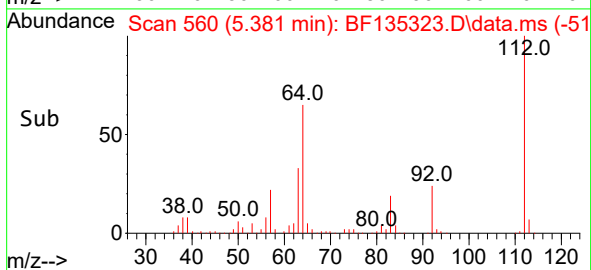
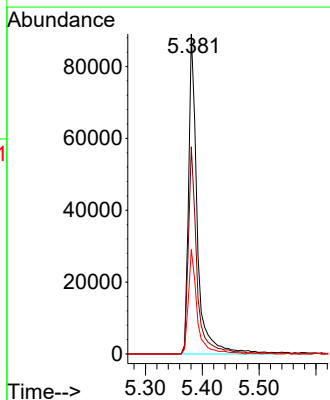
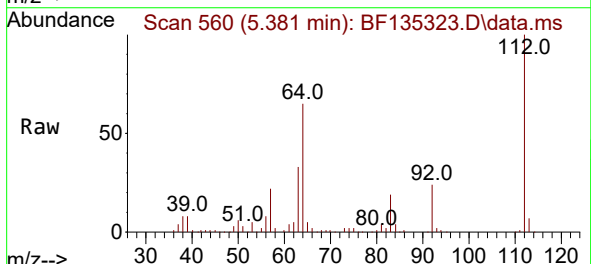
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

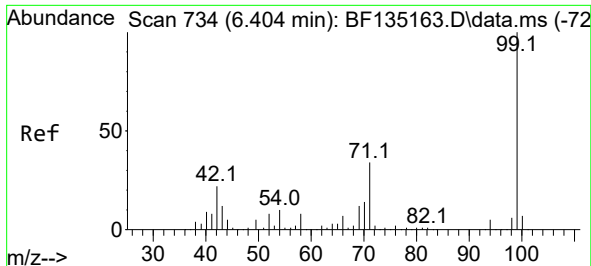
Tgt Ion:152 Resp: 105470
Ion Ratio Lower Upper
152 100
150 157.2 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 14.612 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:112 Resp: 94754
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 32.7 29.0 43.6

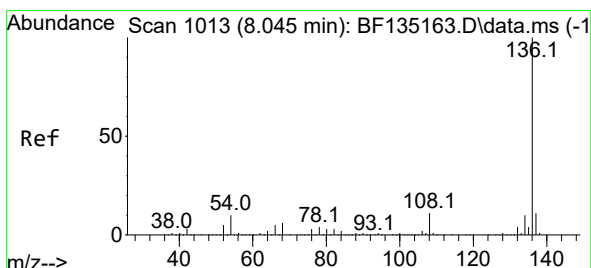
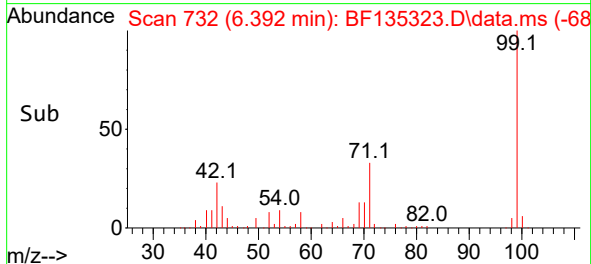
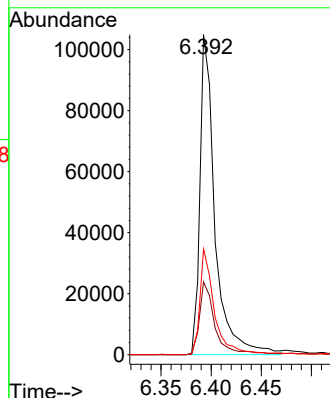
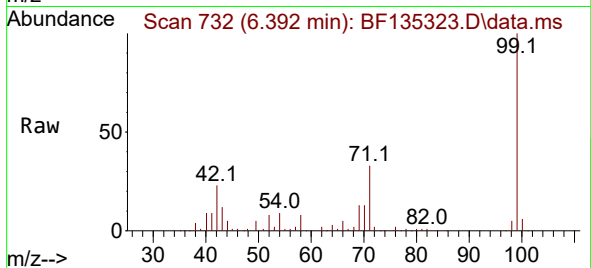




#7
Phenol-d6
Concen: 13.290 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

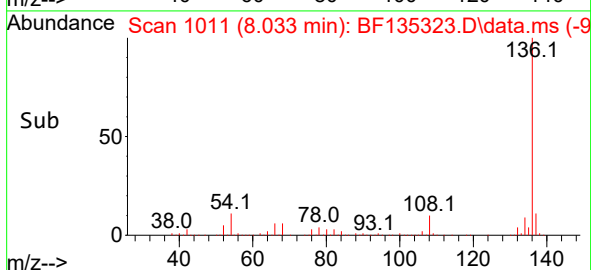
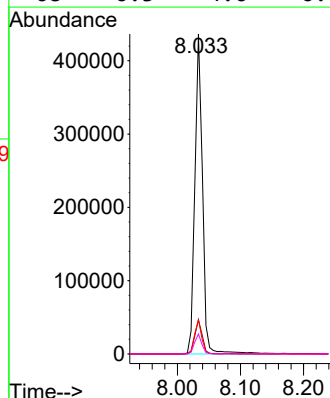
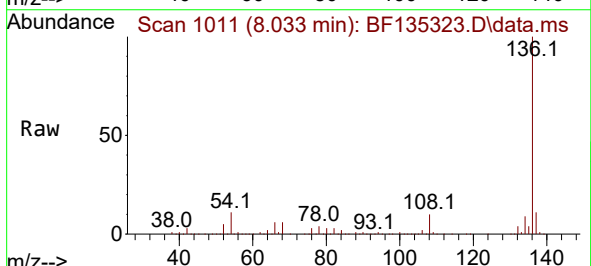
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

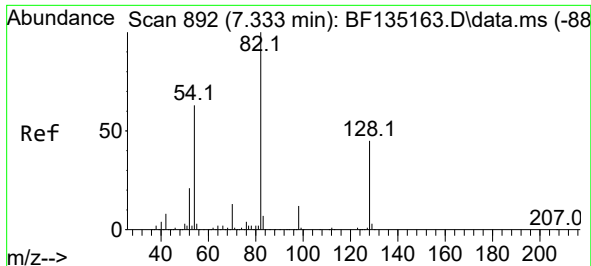
Tgt Ion: 99 Resp: 109583
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 33.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion: 136 Resp: 365248
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 9.938 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.018 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

EO-01-091423

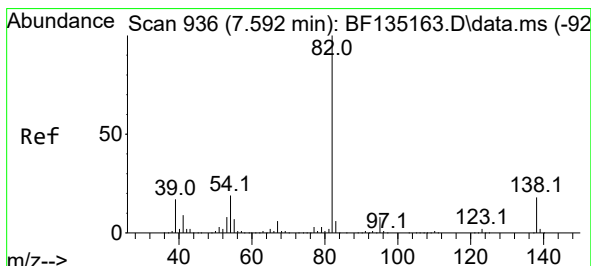
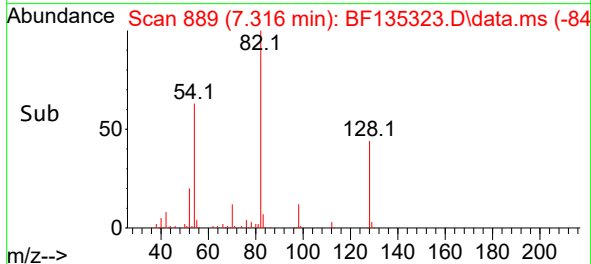
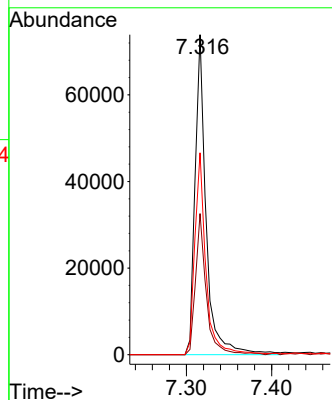
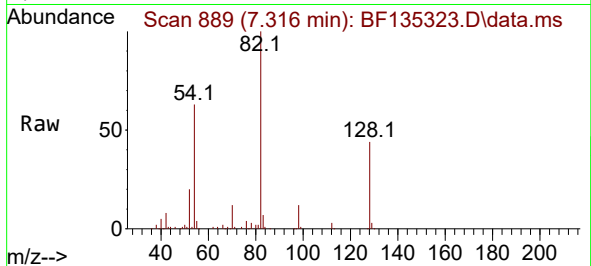
Tgt Ion: 82 Resp: 66811

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 63.1 50.6 76.0



#25

Isophorone

Concen: 5.412 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.276 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

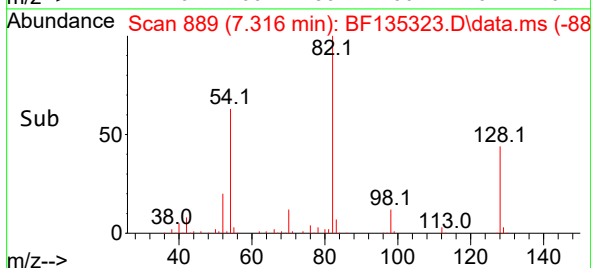
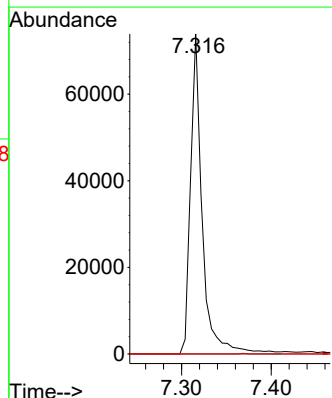
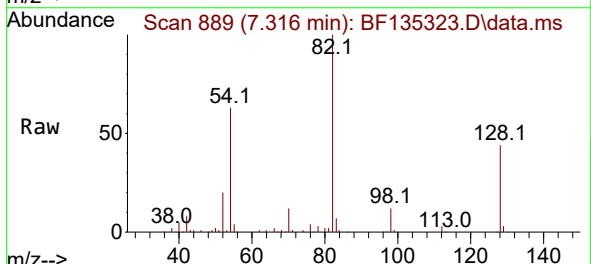
Tgt Ion: 82 Resp: 66811

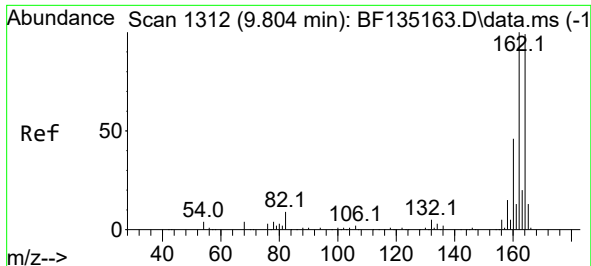
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#

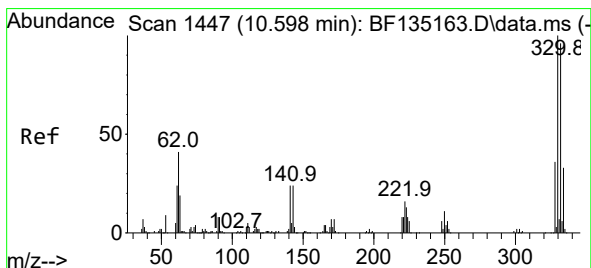
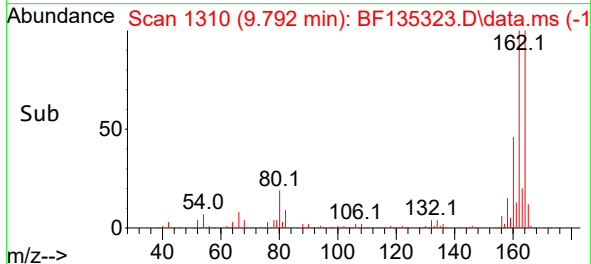
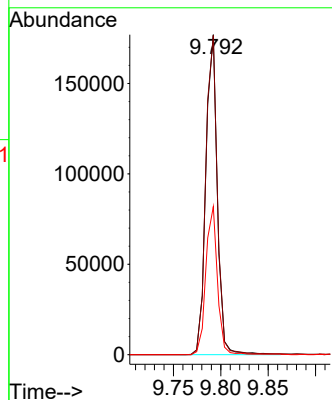
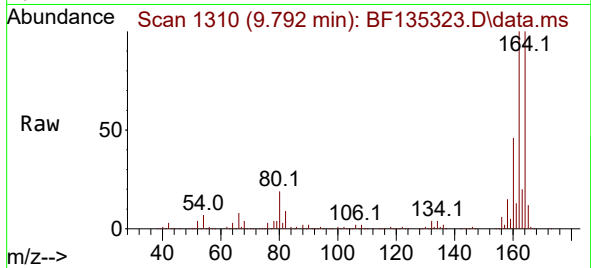




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

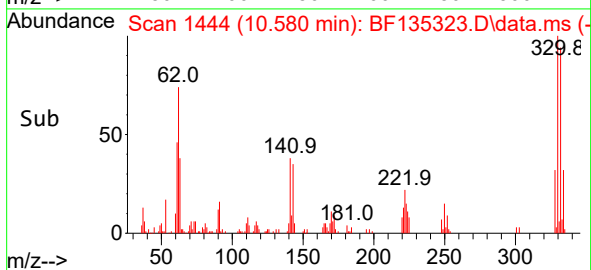
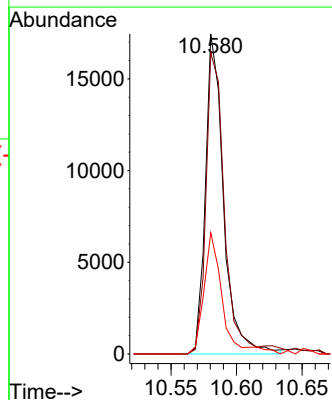
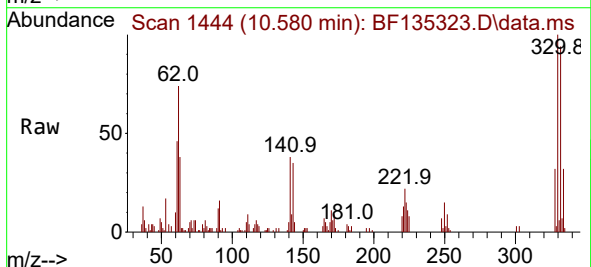
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

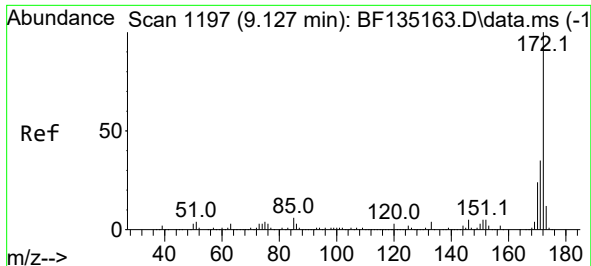
Tgt Ion:164 Resp: 149469
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 46.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 11.322 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:330 Resp: 16817
Ion Ratio Lower Upper
330 100
332 99.7 77.3 115.9
141 38.5 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 11.876 ng

RT: 9.110 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

EO-01-091423

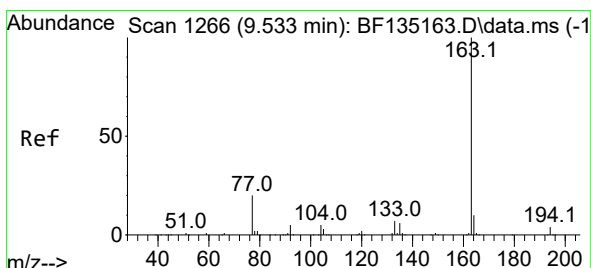
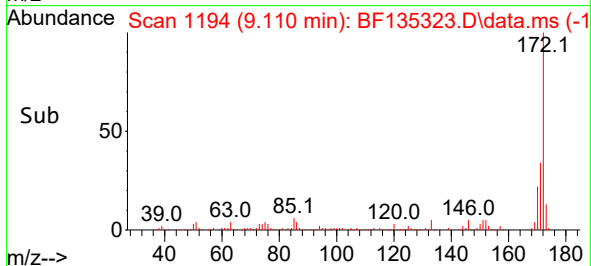
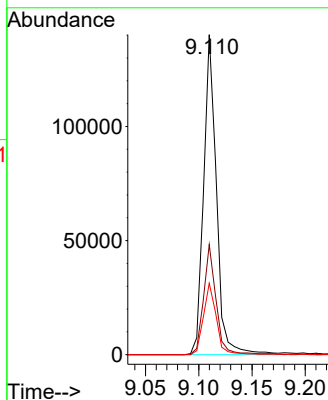
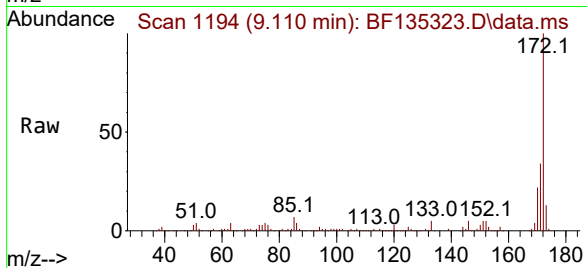
Tgt Ion:172 Resp: 117655

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 22.3 19.0 28.4



#50

Dimethylphthalate

Concen: 2.904 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

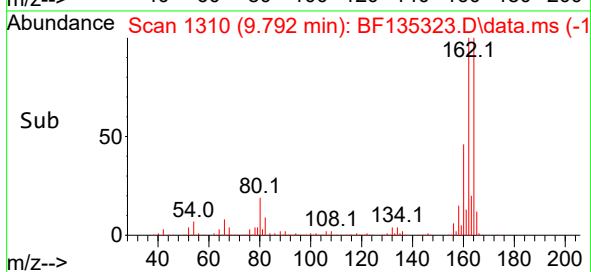
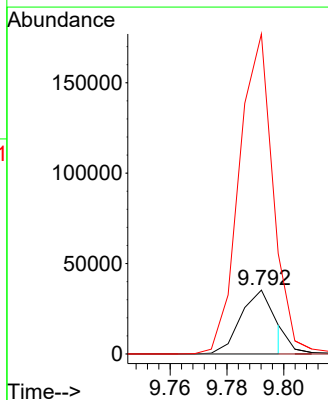
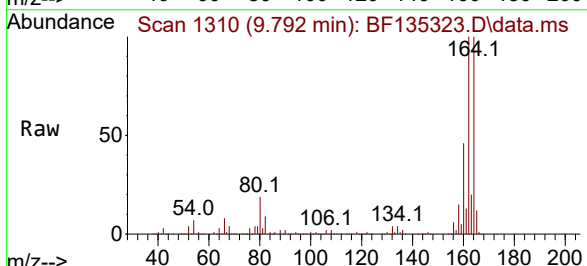
Tgt Ion:163 Resp: 29343

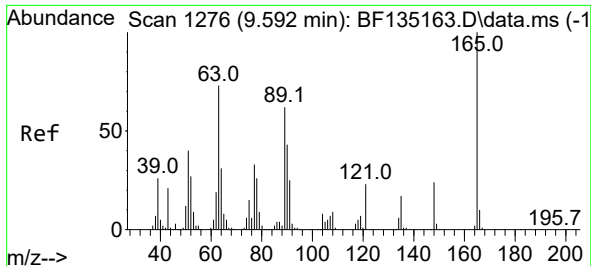
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 501.2 8.1 12.1#

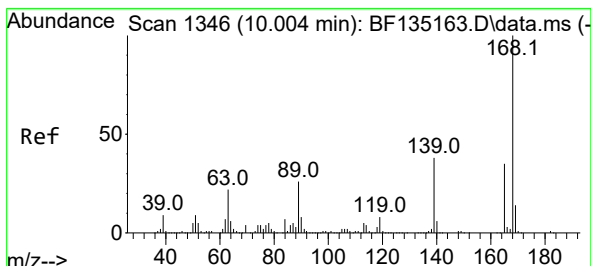
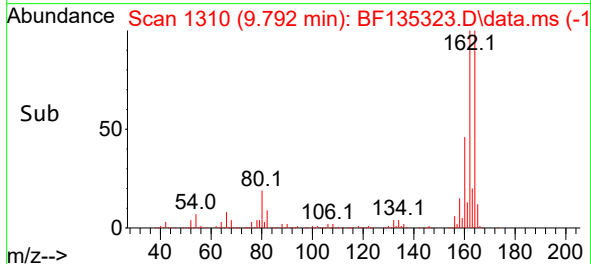
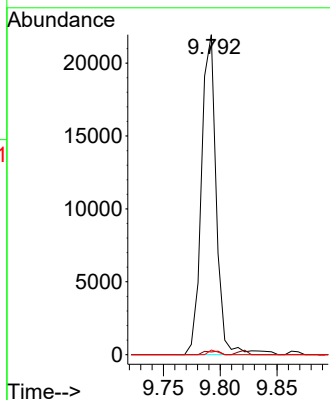
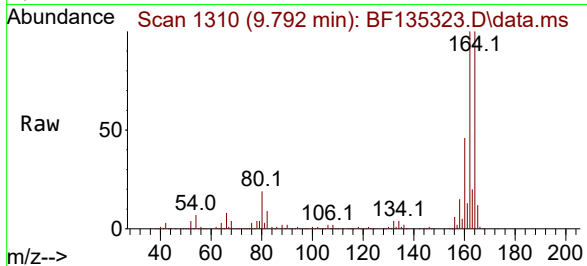




#51
2,6-Dinitrotoluene
Concen: 9.032 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

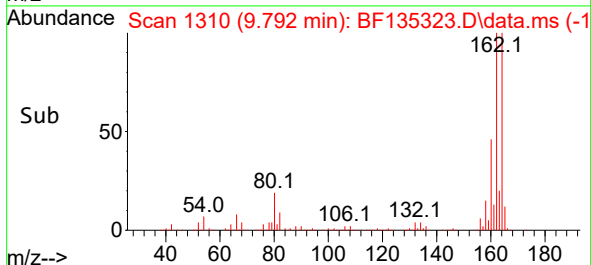
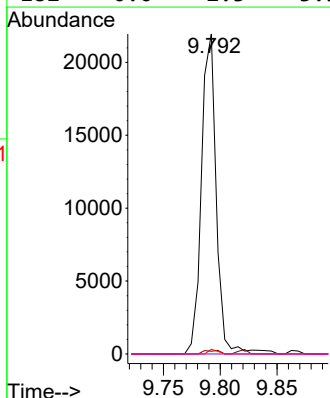
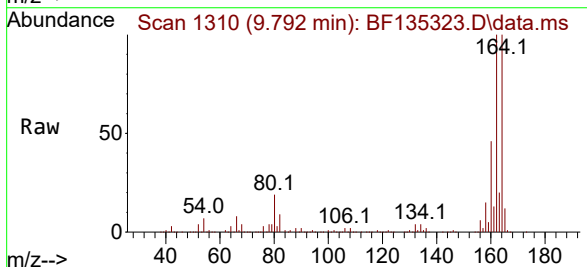
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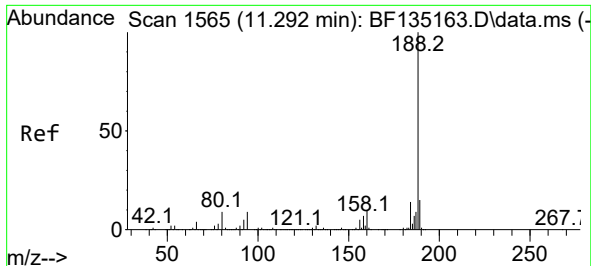
Tgt Ion:165 Resp: 19995
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.215 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.212 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:165 Resp: 19995
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

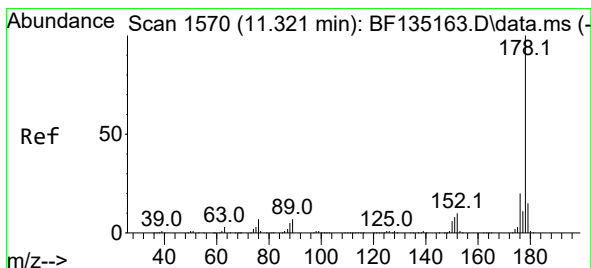
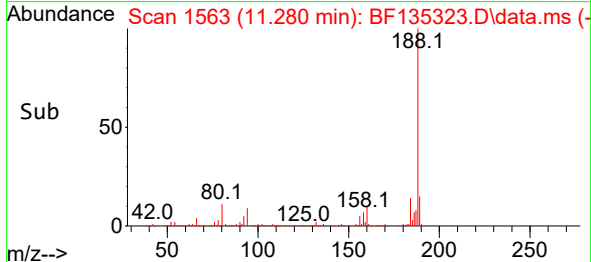
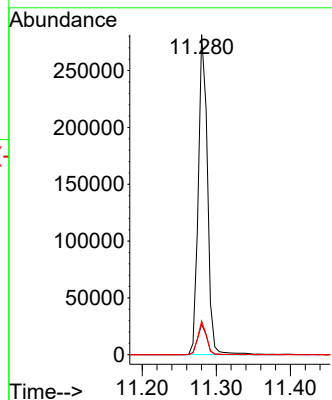
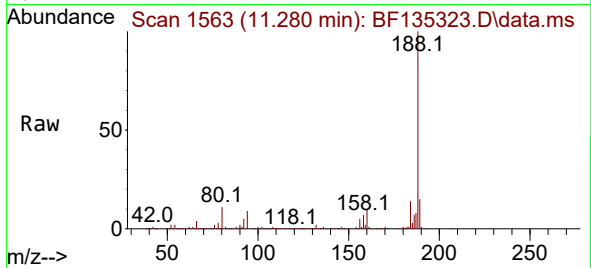




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

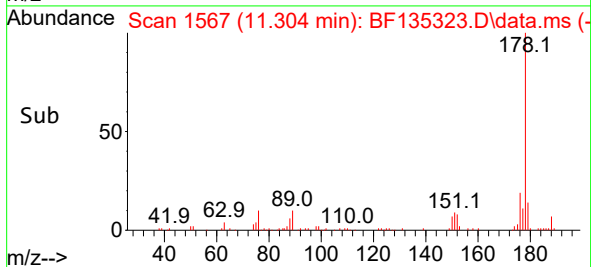
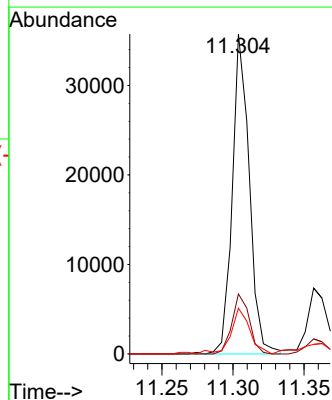
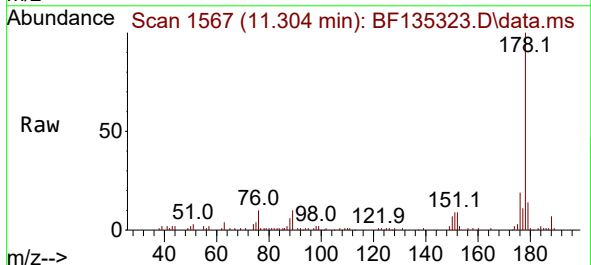
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

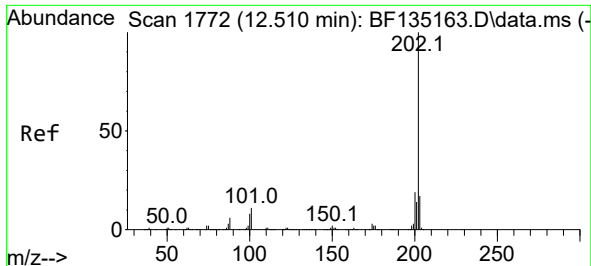
Tgt Ion:188 Resp: 241049
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.5 7.5 11.3



#71
Phenanthrene
Concen: 2.613 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:178 Resp: 29791
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 14.3 12.0 18.0

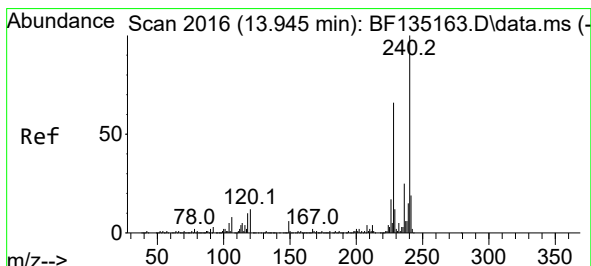
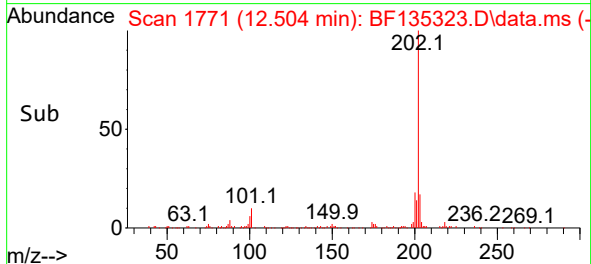
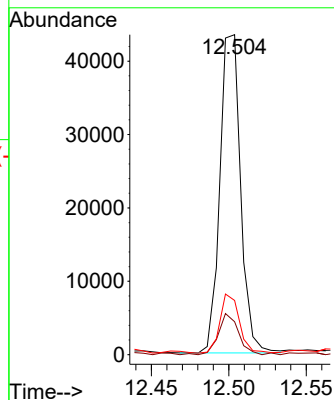
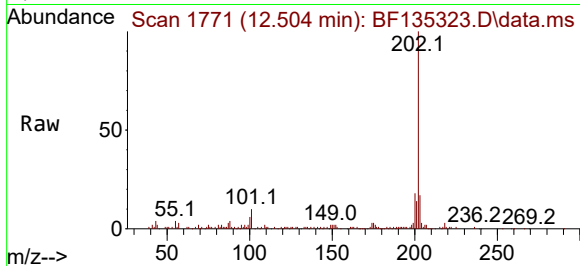




#75
Fluoranthene
Concen: 3.410 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

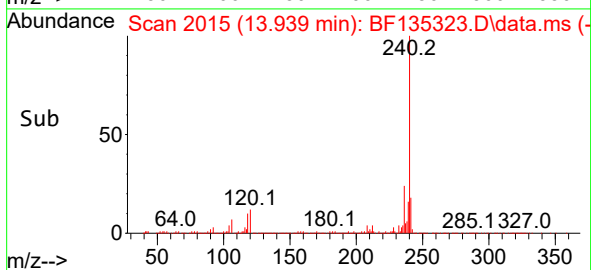
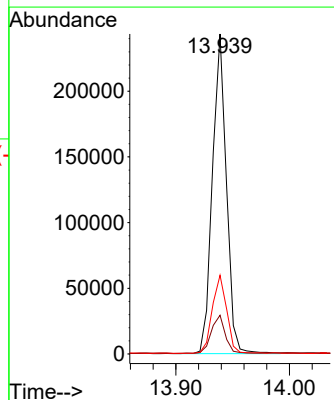
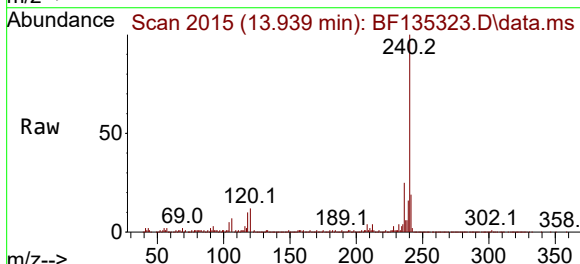
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

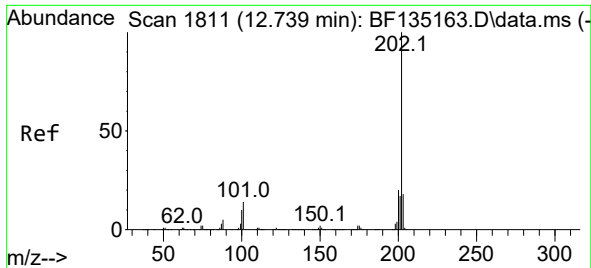
Tgt Ion:202 Resp: 40514
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.3
203 16.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:240 Resp: 208071
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 24.6 19.8 29.8

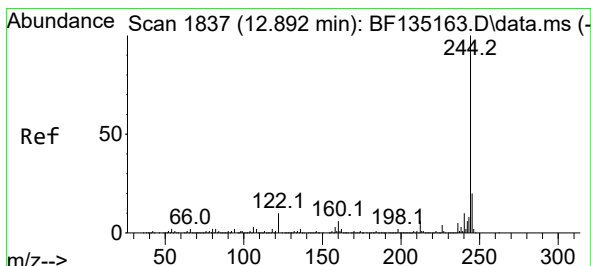
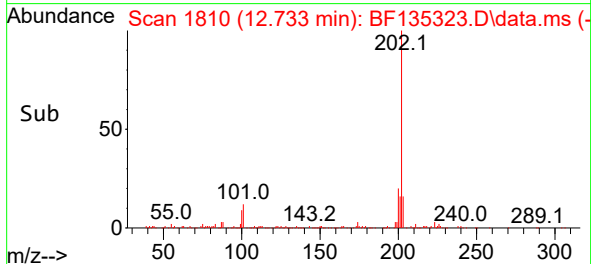
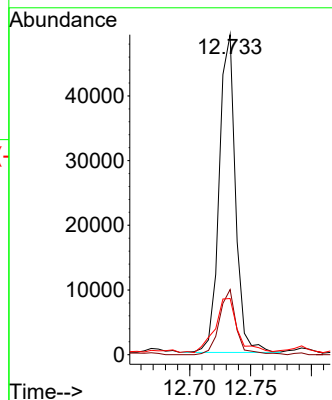
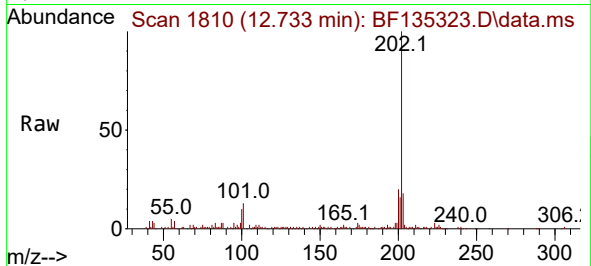




#78
Pyrene
Concen: 2.313 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

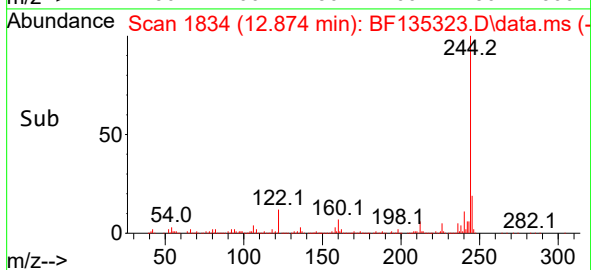
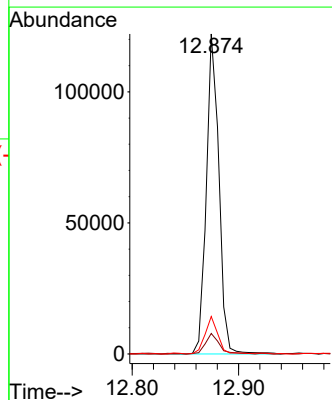
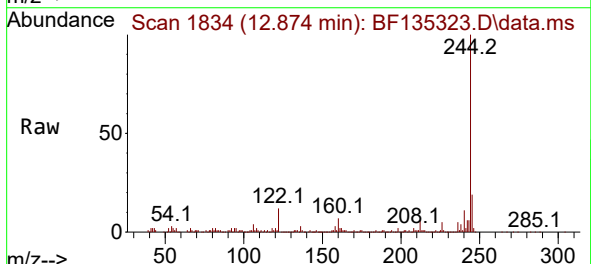
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

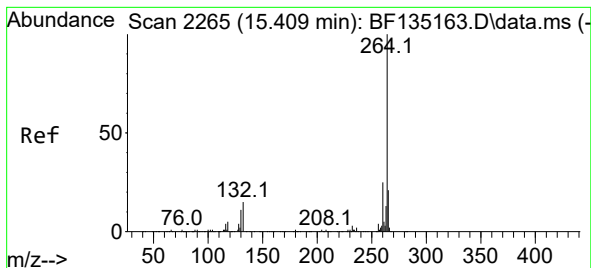
Tgt Ion:202 Resp: 45819
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.6 14.2 21.4



#79
Terphenyl-d14
Concen: 7.496 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:244 Resp: 100613
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.7 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

EO-01-091423

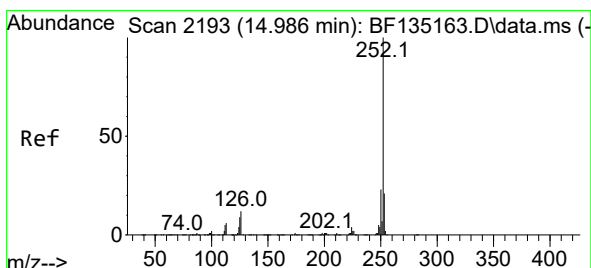
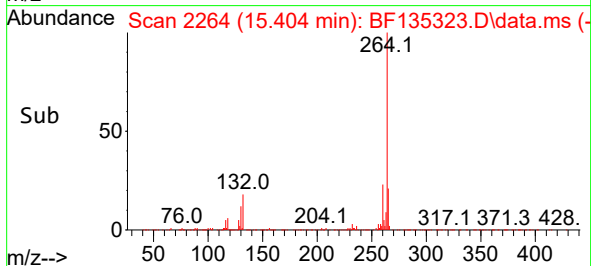
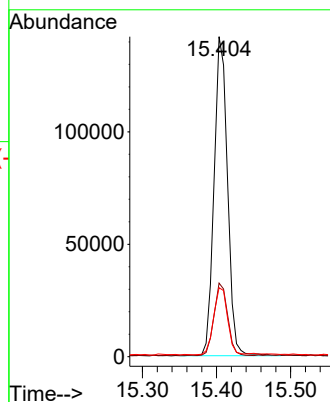
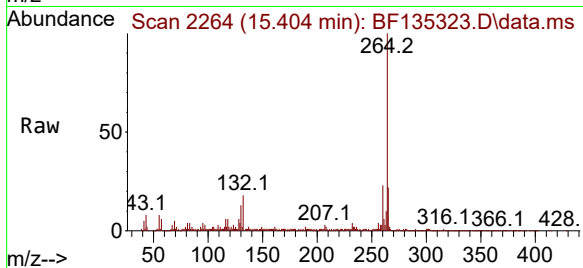
Tgt Ion:264 Resp: 178432

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.5 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.681 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

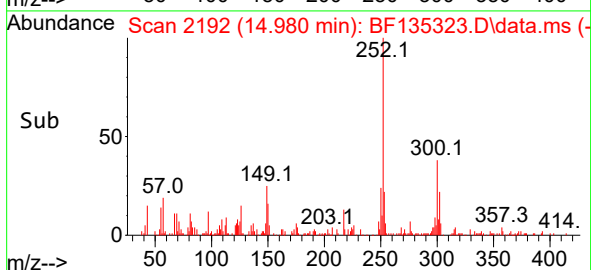
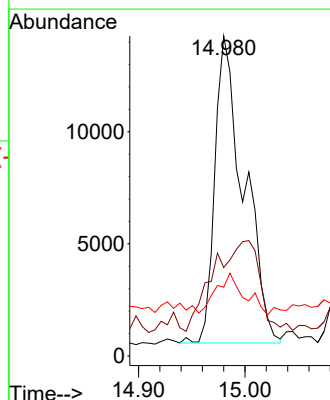
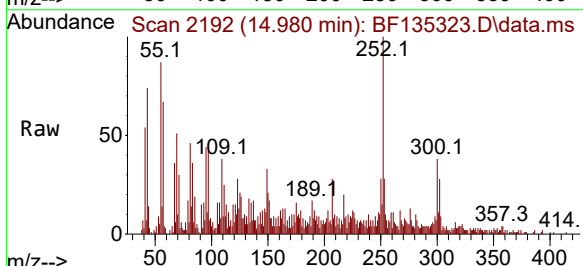
Tgt Ion:252 Resp: 25892

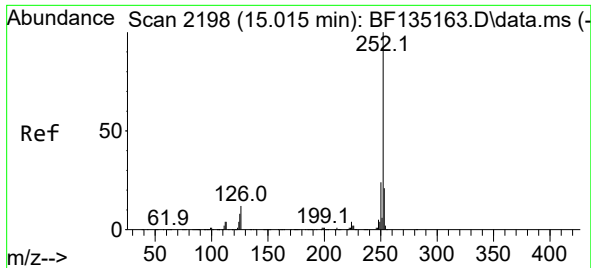
Ion Ratio Lower Upper

252 100

253 27.7 17.2 25.8#

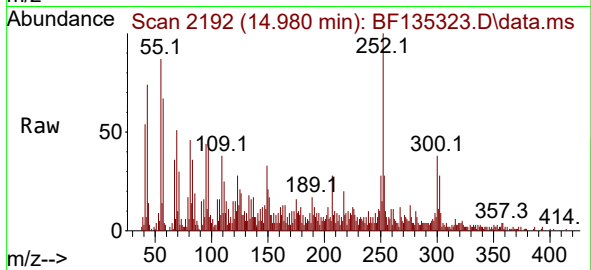
125 21.5 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 2.714 ng
RT: 14.980 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Instrument :
BNA_F
ClientSampleId :
EO-01-091423



Tgt Ion:252 Resp: 25892
Ion Ratio Lower Upper
252 100
253 27.7 17.4 26.0#
125 21.5 7.2 10.8#

