

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129260.D
 Acq On : 16 Jul 2022 02:49
 Operator : CG\JU
 Sample : N3724-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-1-071422

Quant Time: Jul 16 03:10:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

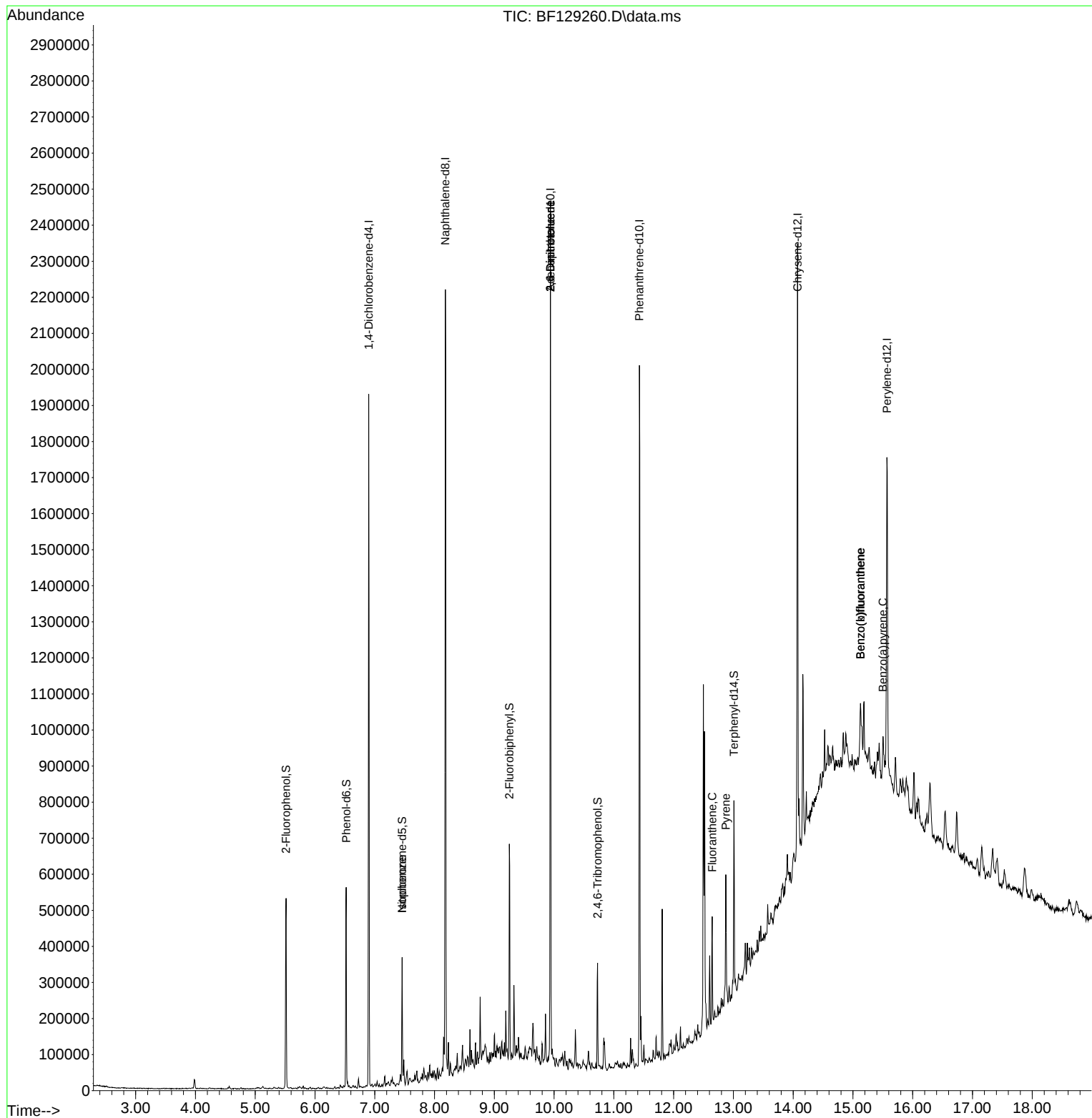
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	260297	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	944683	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	447294	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	681561	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	525375	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	362098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	140491	8.620	ng	0.00
7) Phenol-d6	6.522	99	170383	8.083	ng	0.00
23) Nitrobenzene-d5	7.457	82	90959	5.147	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	28643	6.899	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	175679	6.654	ng	-0.01
79) Terphenyl-d14	13.010	244	158096	5.629	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.457	82	90959	3.062	ng	# 66
51) 2,6-Dinitrotoluene	9.939	165	59076	9.406	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	59076	7.173	ng	# 21
75) Fluoranthene	12.645	202	105498	3.061	ng	98
78) Pyrene	12.874	202	107654	2.530	ng	98
88) Benzo(b)fluoranthene	15.127	252	79057	3.554	ng	# 72
89) Benzo(k)fluoranthene	15.127	252	79057	3.638	ng	# 73
90) Benzo(a)pyrene	15.504	252	43390	2.396	ng	# 79

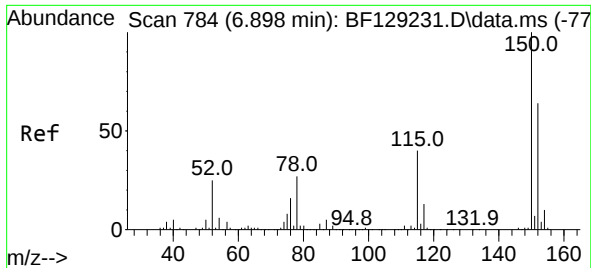
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129260.D
Acq On : 16 Jul 2022 02:49
Operator : CG\JU
Sample : N3724-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-071422

Quant Time: Jul 16 03:10:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

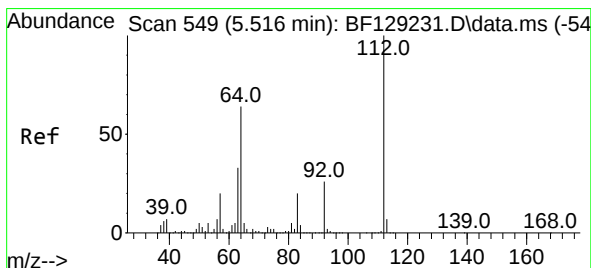
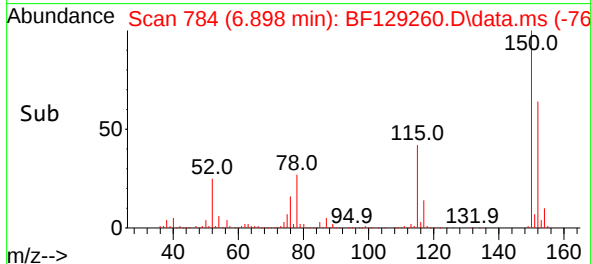
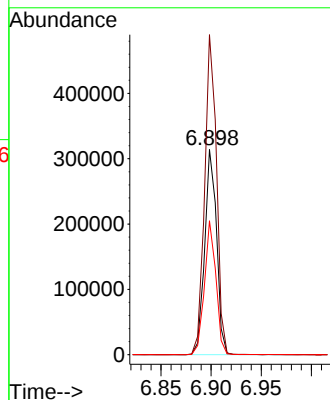
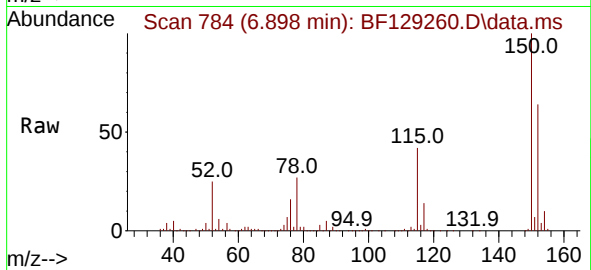




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

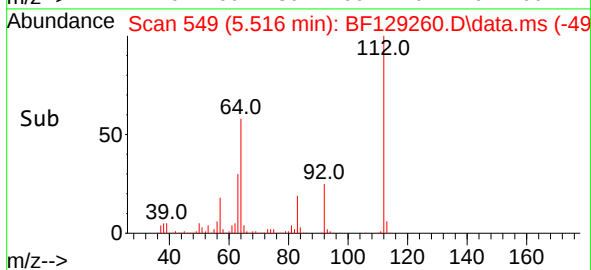
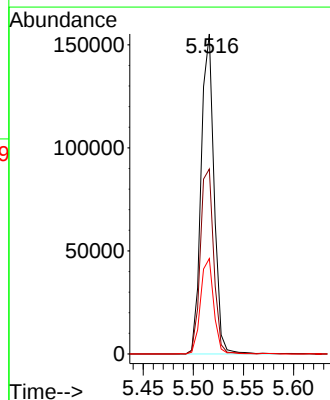
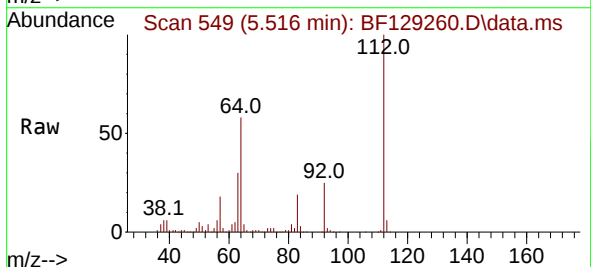
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

Tgt Ion:152 Resp: 260297
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 8.620 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:112 Resp: 140491
Ion Ratio Lower Upper
112 100
64 57.8 53.3 79.9
63 29.8 28.0 42.0

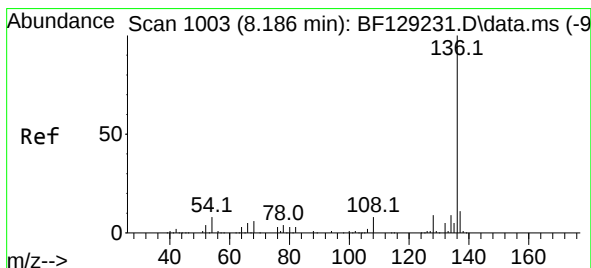
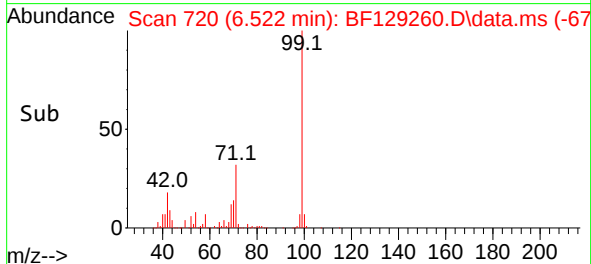
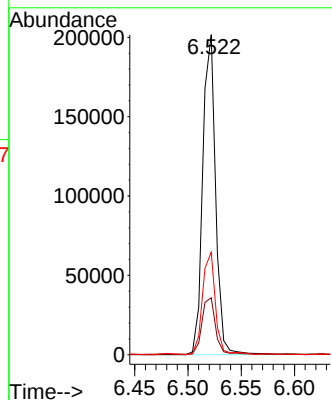
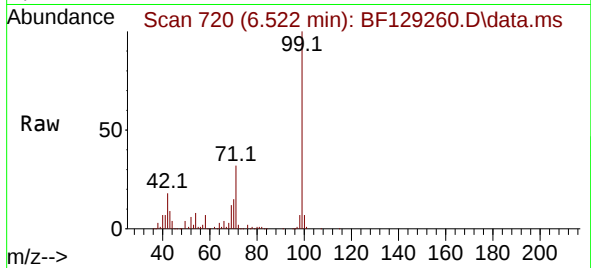




#7
Phenol-d6
Concen: 8.083 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

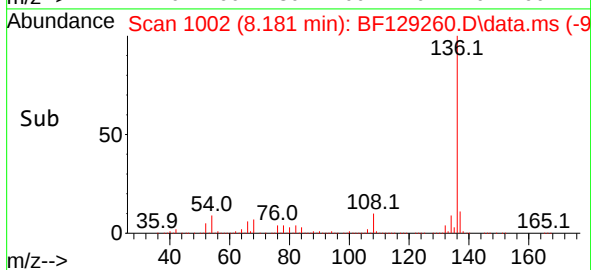
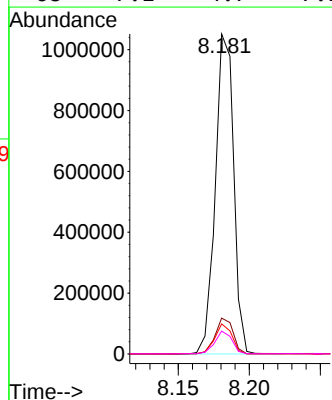
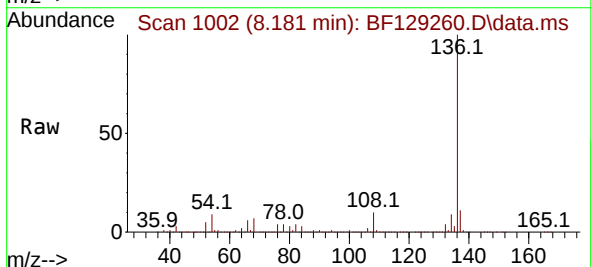
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

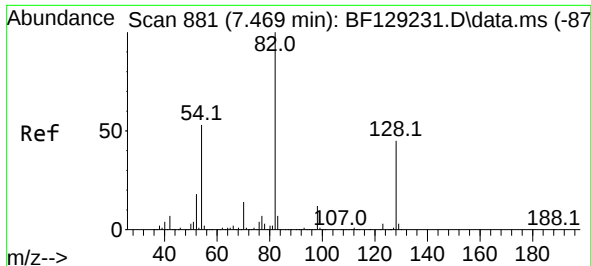
Tgt Ion: 99 Resp: 170383
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 32.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion: 136 Resp: 944683
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 7.5 11.3
68 7.1 4.7 7.1#

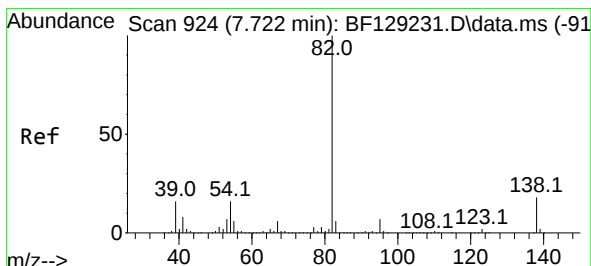
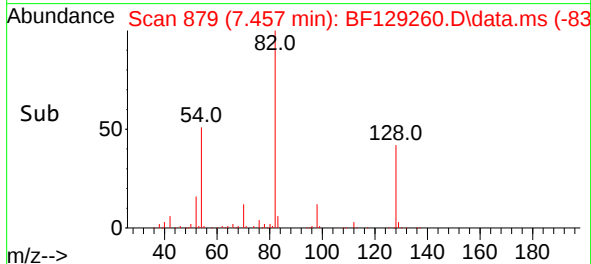
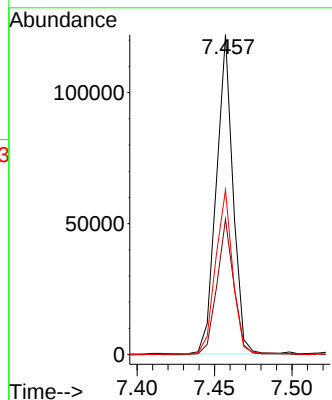
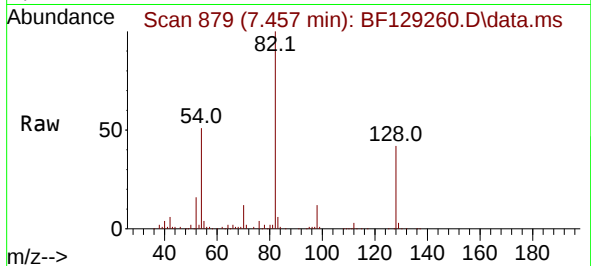




#23
Nitrobenzene-d5
Concen: 5.147 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

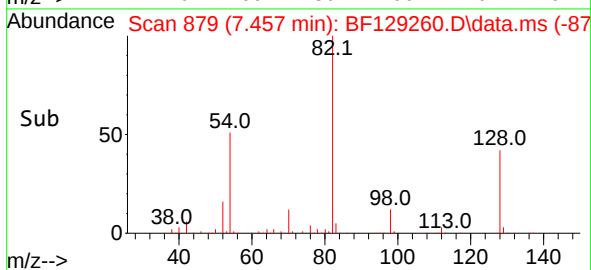
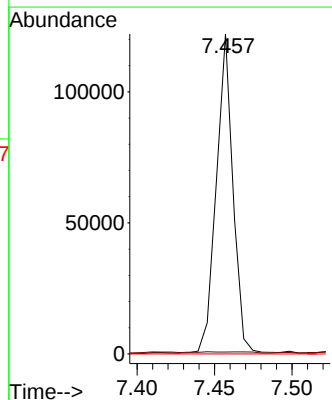
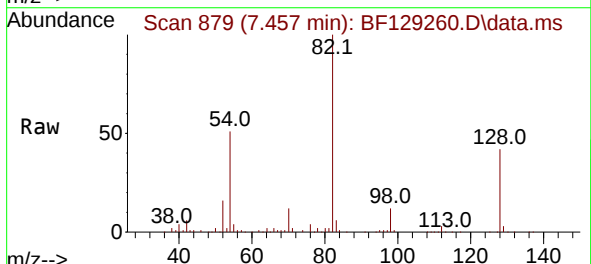
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

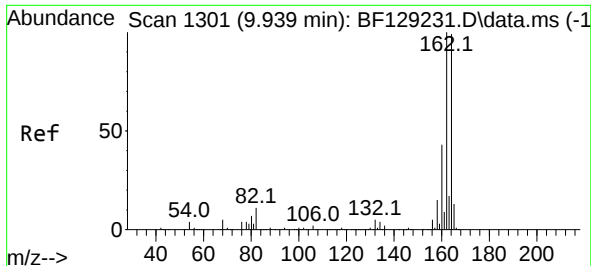
Tgt Ion: 82 Resp: 90959
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 51.5 46.9 70.3



#25
Isophorone
Concen: 3.062 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion: 82 Resp: 90959
Ion Ratio Lower Upper
82 100
95 0.6 5.7 8.5#
138 0.0 14.2 21.2#

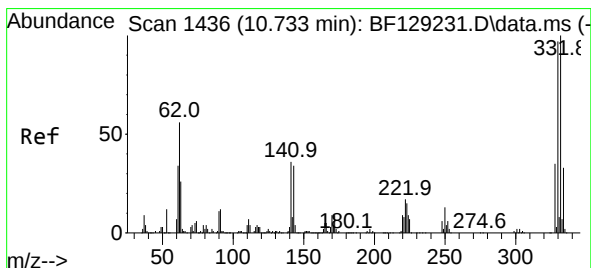
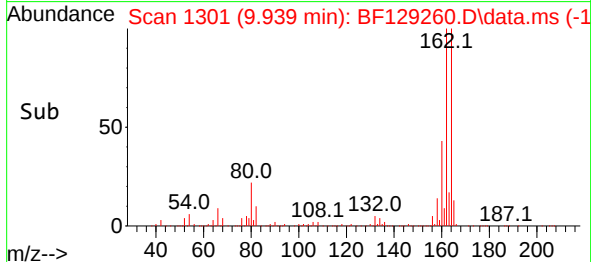
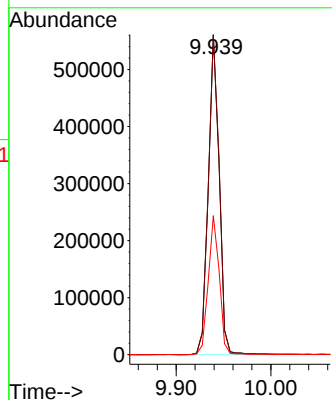
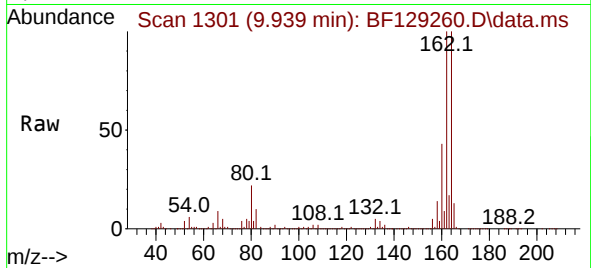




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

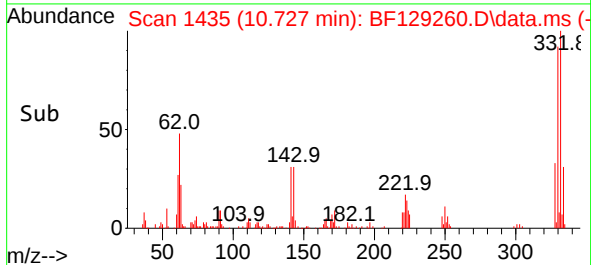
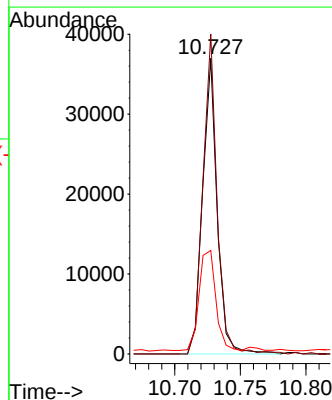
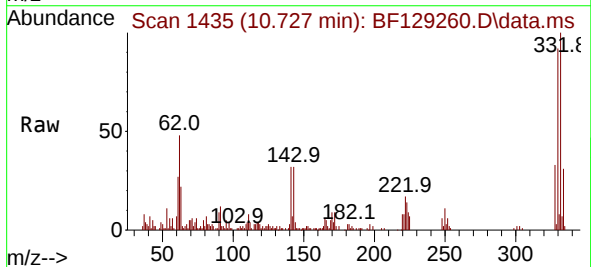
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

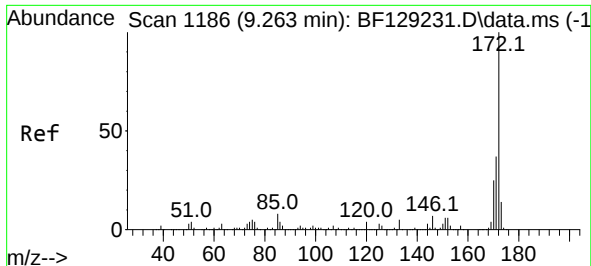
Tgt Ion:164 Resp: 447294
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 6.899 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:330 Resp: 28643
Ion Ratio Lower Upper
330 100
332 105.0 76.8 115.2
141 38.8 28.0 42.0

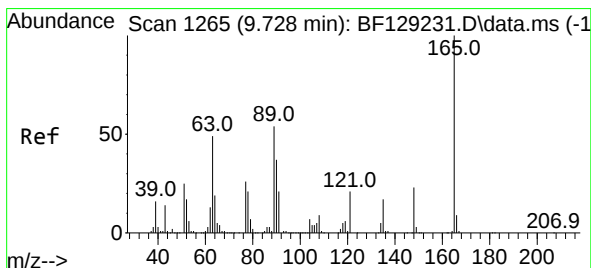
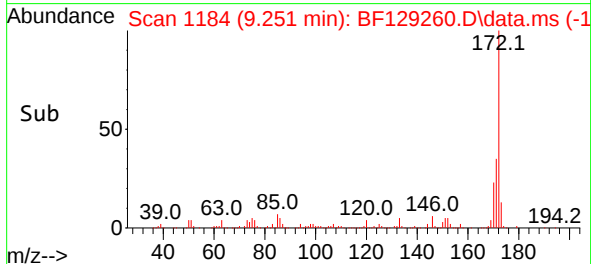
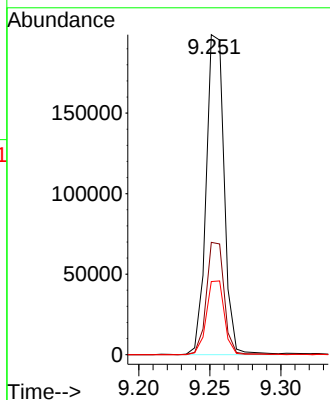
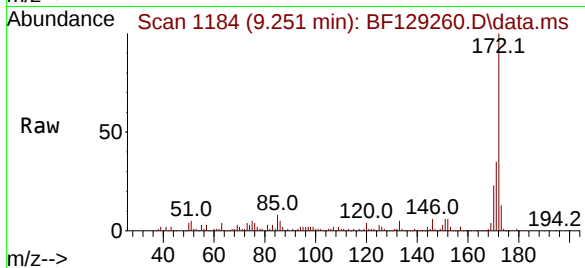




#45
2-Fluorobiphenyl
Concen: 6.654 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

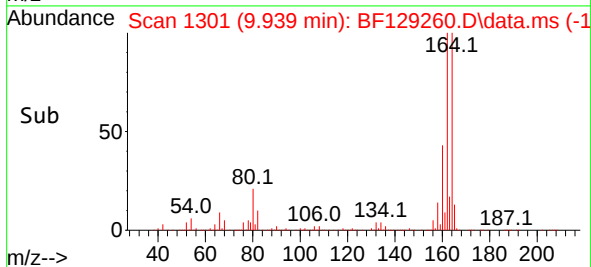
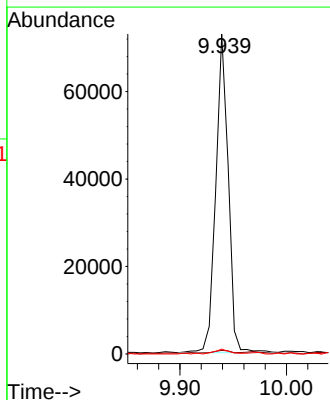
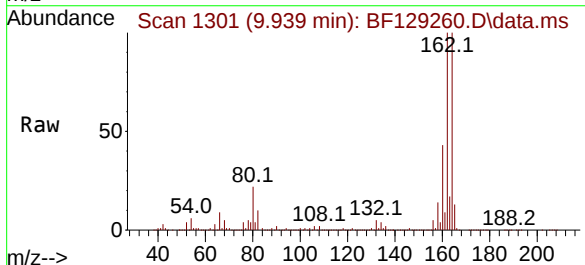
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

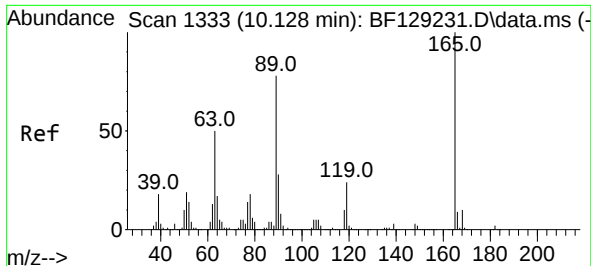
Tgt Ion:172 Resp: 175679
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.8 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.406 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.212 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:165 Resp: 59076
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.5 43.6 65.4#

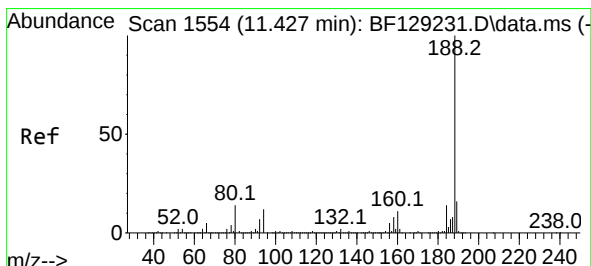
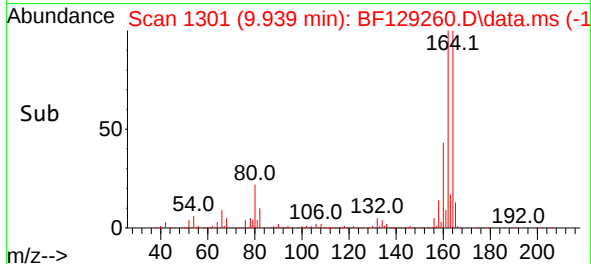
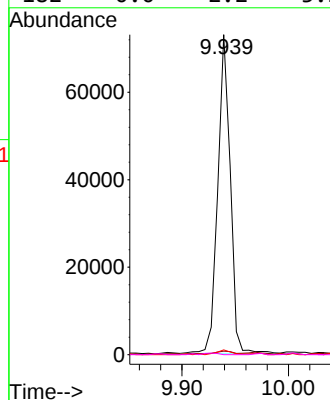
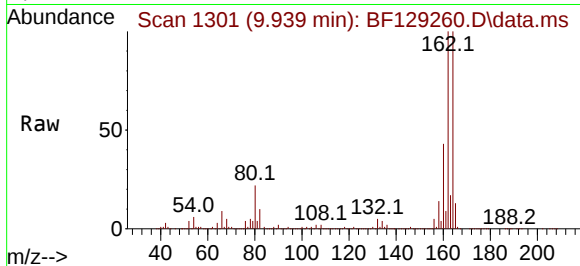




#57
2,4-Dinitrotoluene
Concen: 7.173 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

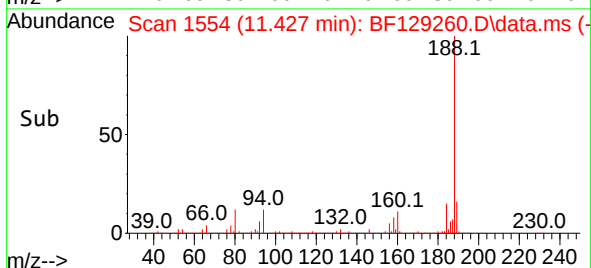
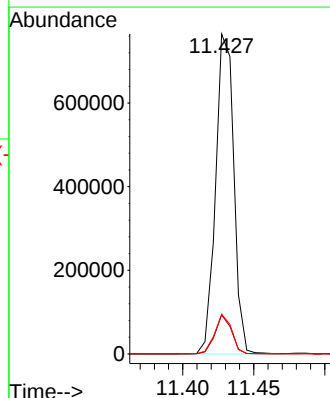
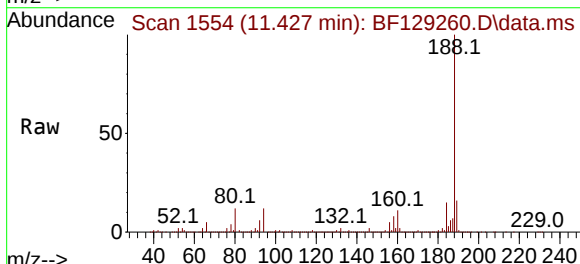
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

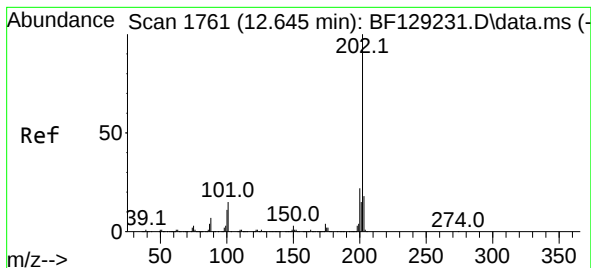
Tgt Ion:165 Resp: 59076
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:188 Resp: 681561
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.6#
80 12.5 7.6 11.4#





#75

Fluoranthene

Concen: 3.061 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

EO-1-071422

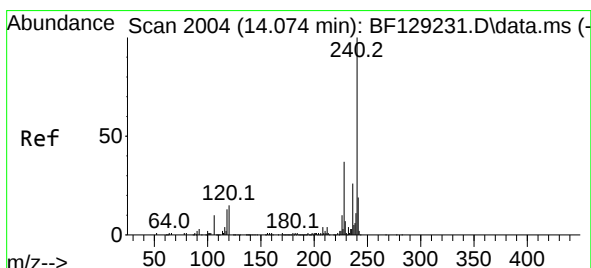
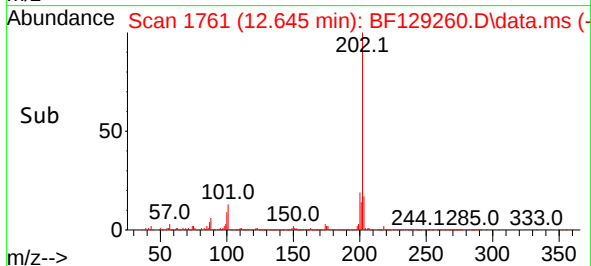
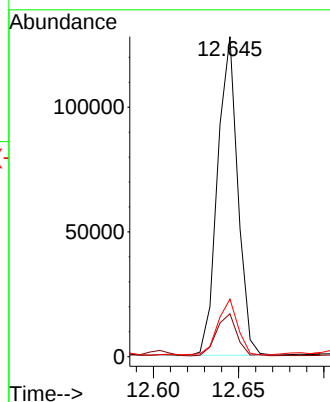
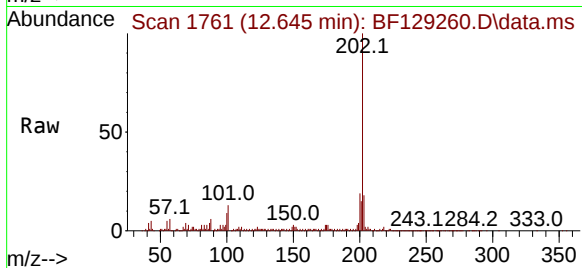
Tgt Ion:202 Resp: 105498

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.4

203 18.0 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

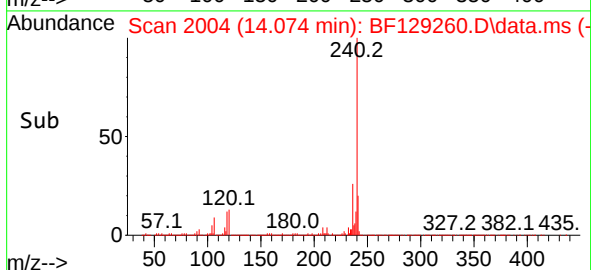
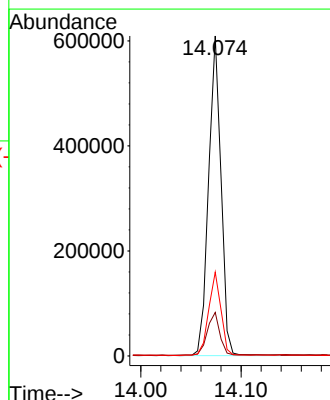
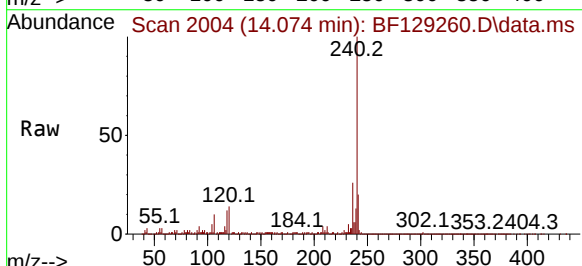
Tgt Ion:240 Resp: 525375

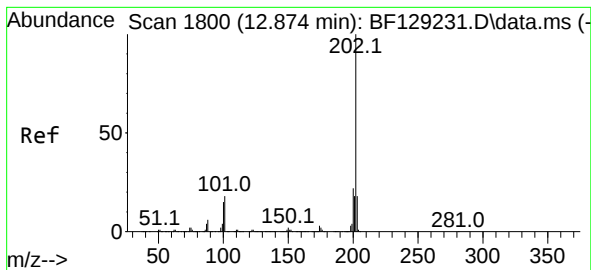
Ion Ratio Lower Upper

240 100

120 13.6 8.9 13.3#

236 26.2 20.8 31.2





#78

Pyrene

Concen: 2.530 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

EO-1-071422

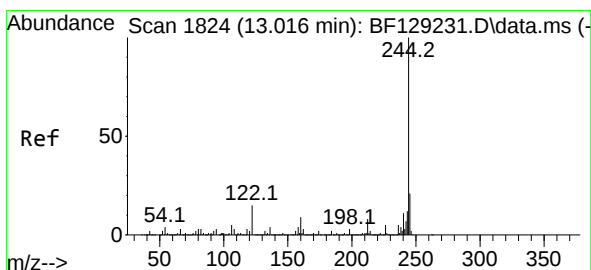
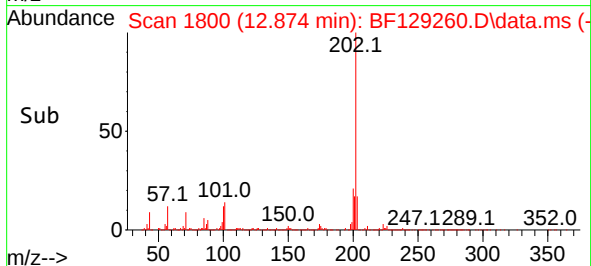
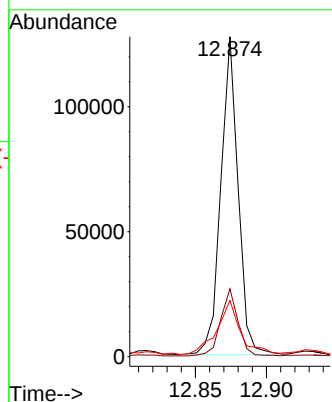
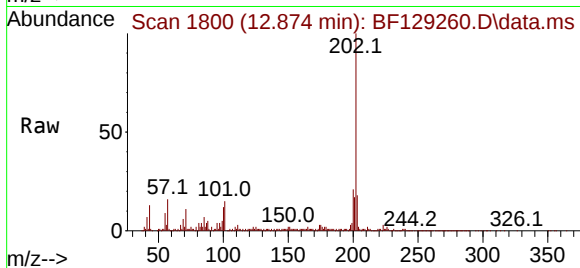
Tgt Ion:202 Resp: 107654

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.6 14.6 21.8



#79

Terphenyl-d14

Concen: 5.629 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

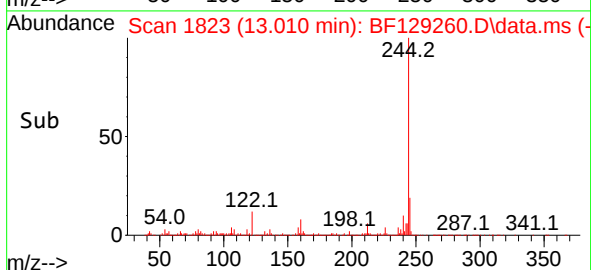
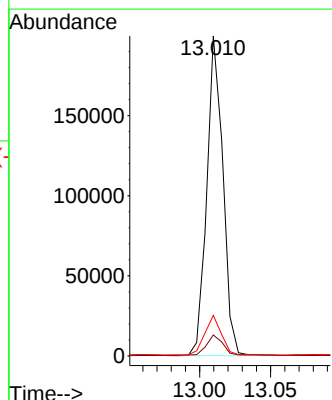
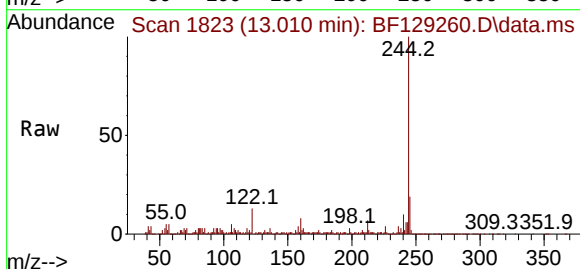
Tgt Ion:244 Resp: 158096

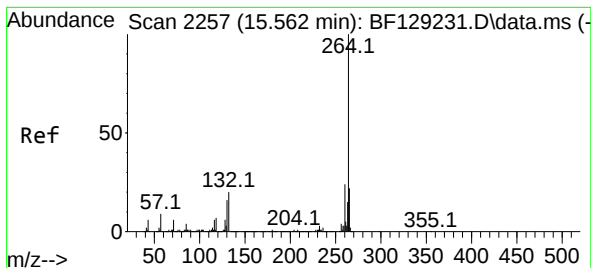
Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

122 12.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

EO-1-071422

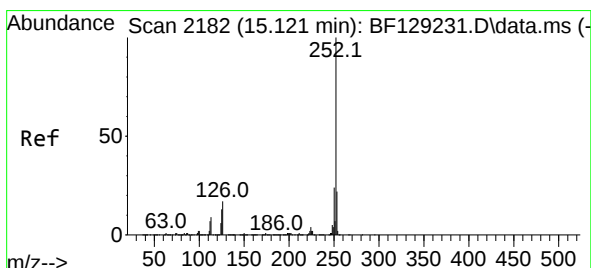
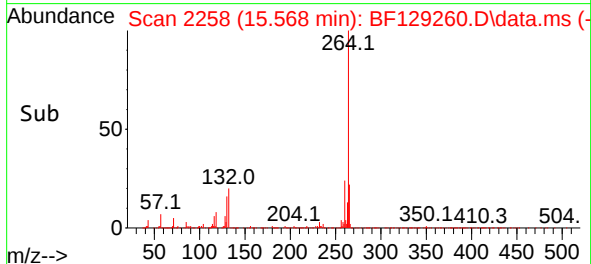
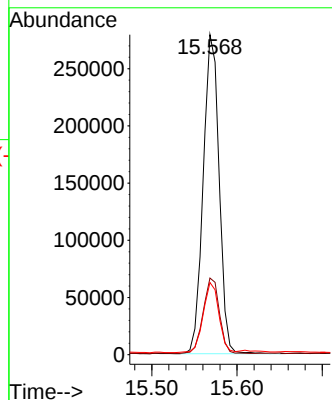
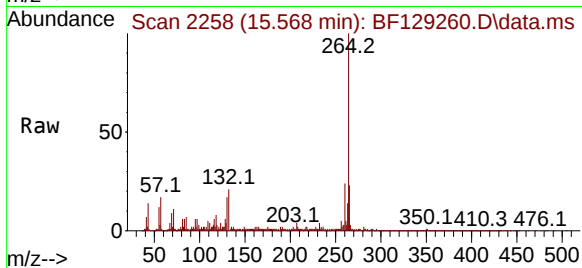
Tgt Ion:264 Resp: 362098

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.554 ng

RT: 15.127 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

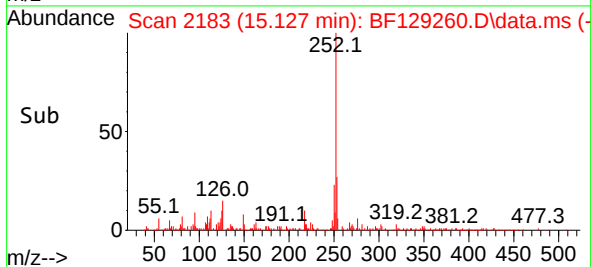
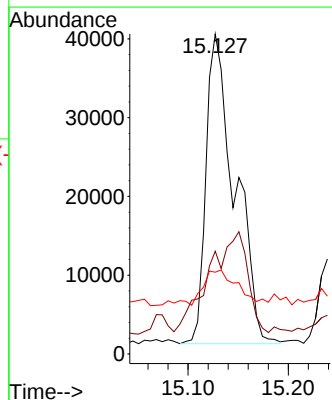
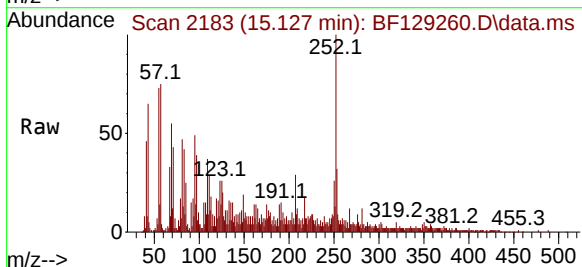
Tgt Ion:252 Resp: 79057

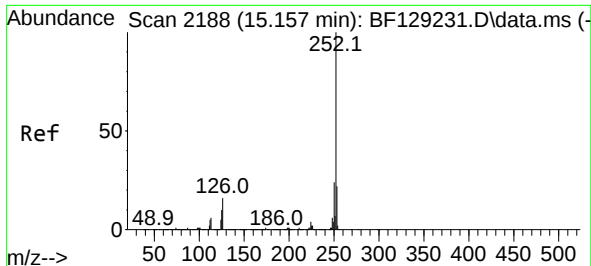
Ion Ratio Lower Upper

252 100

253 32.1 17.7 26.5#

125 25.6 8.0 12.0#

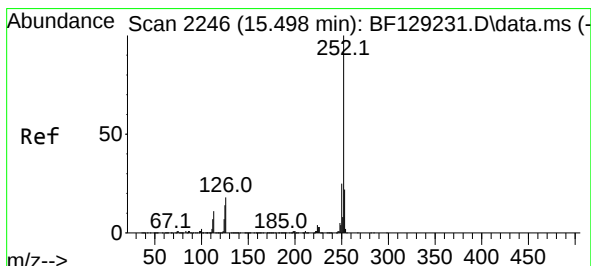
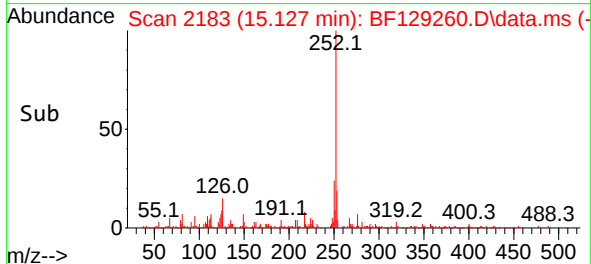
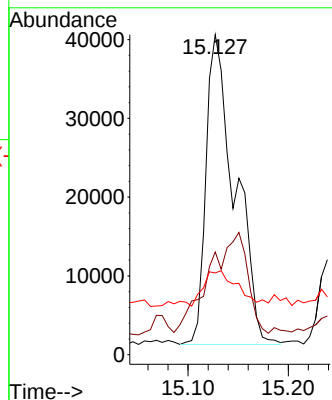
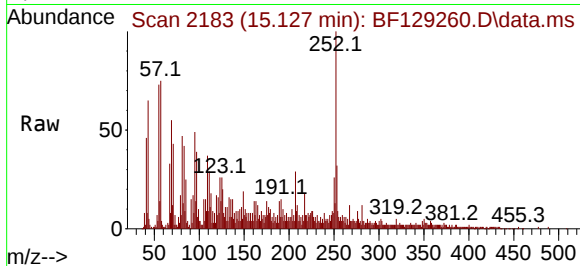




#89
Benzo(k)fluoranthene
Concen: 3.638 ng
RT: 15.127 min Scan# 2188
Delta R.T. -0.030 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Instrument :
BNA_F
ClientSampleId :
EO-1-071422

Tgt Ion:252 Resp: 79057
Ion Ratio Lower Upper
252 100
253 32.1 17.8 26.6#
125 25.6 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.396 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:252 Resp: 43390
Ion Ratio Lower Upper
252 100
253 26.1 17.0 25.6#
125 26.6 8.8 13.2#

