

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135675.D
 Acq On : 10 Oct 2023 03:48
 Operator : CG\JU
 Sample : 04800-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-100623

Quant Time: Oct 10 04:25:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101762	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	370783	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	161019	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	258047	20.000	ng	0.00
76) Chrysene-d12	13.933	240	186814	20.000	ng	0.00
86) Perylene-d12	15.404	264	168374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	520559	83.200	ng	0.00
7) Phenol-d6	6.387	99	633960	79.686	ng	0.00
23) Nitrobenzene-d5	7.304	82	373449	54.720	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	114637	71.642	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	591072	55.382	ng	0.00
79) Terphenyl-d14	12.863	244	475613	39.467	ng	0.00

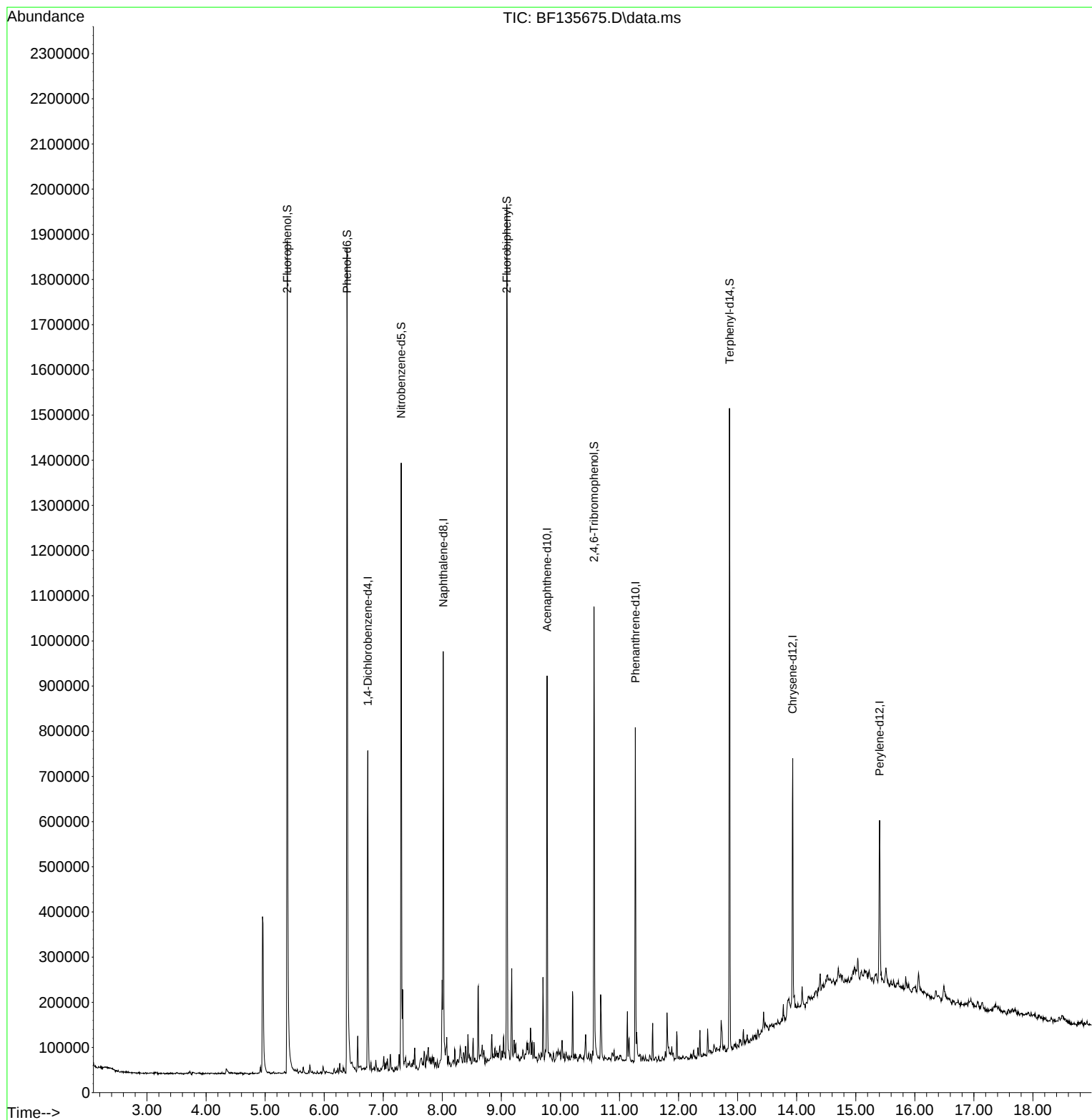
Target Compounds	Qvalue

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

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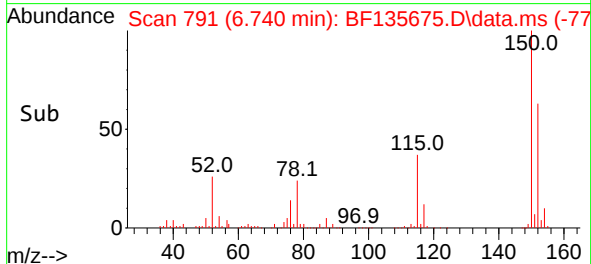
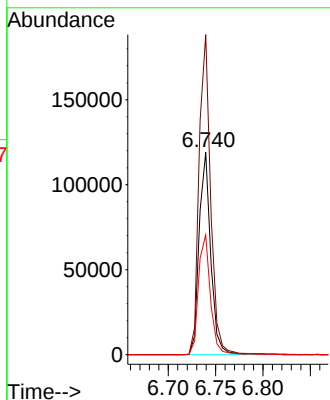
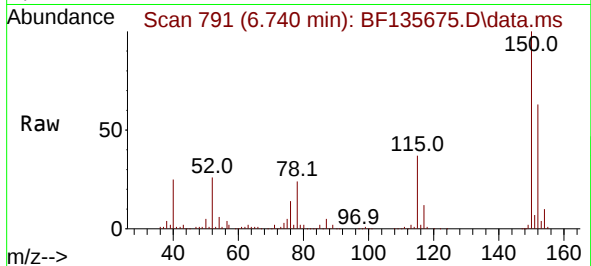




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

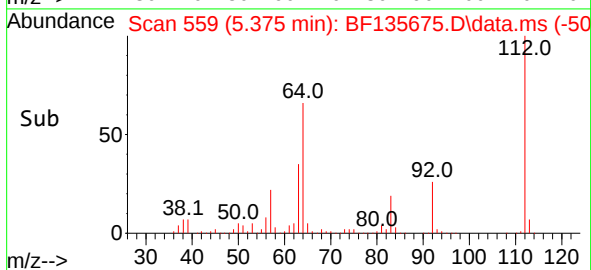
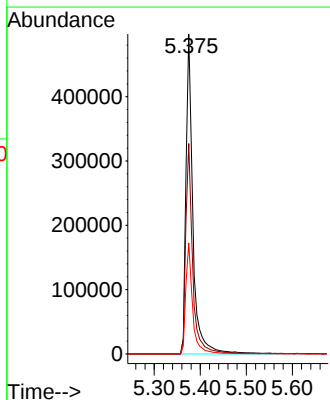
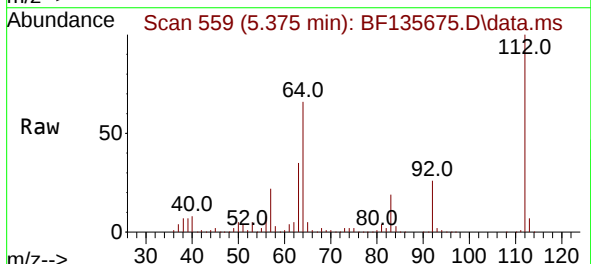
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

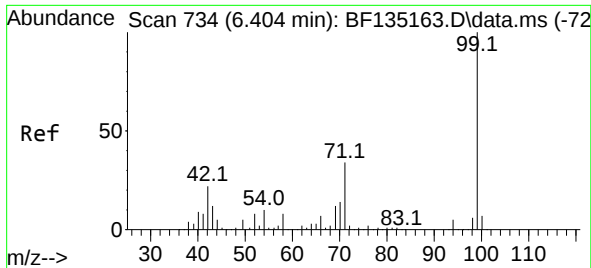
Tgt Ion:152 Resp: 101762
Ion Ratio Lower Upper
152 100
150 158.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 83.200 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion:112 Resp: 520559
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 34.7 29.0 43.6

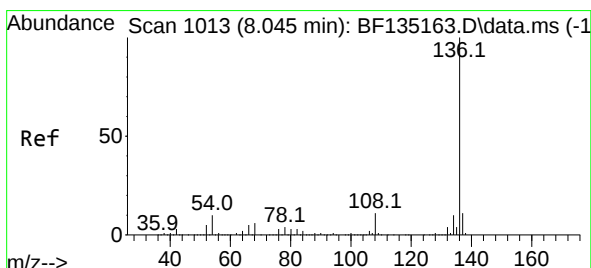
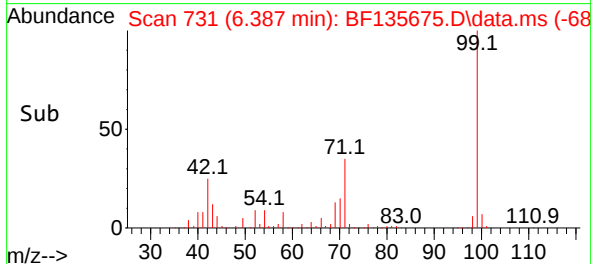
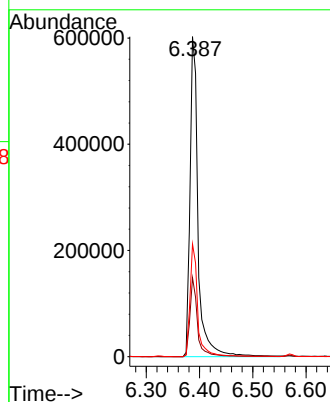
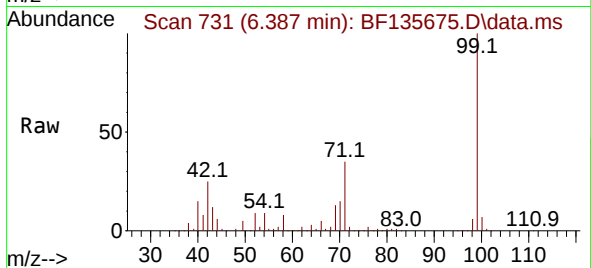




#7
Phenol-d6
Concen: 79.686 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

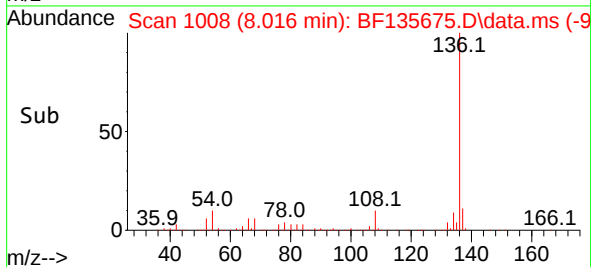
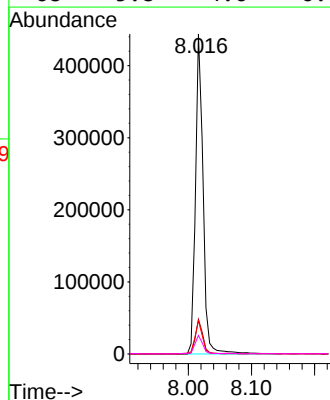
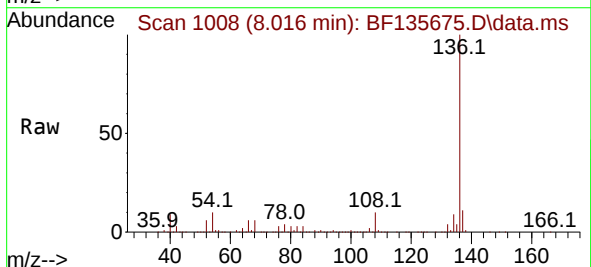
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

Tgt Ion: 99 Resp: 633960
Ion Ratio Lower Upper
99 100
42 24.7 17.9 26.9
71 35.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion:136 Resp: 370783
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 54.720 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135675.D

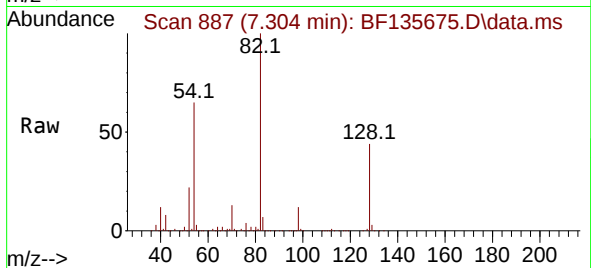
Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623



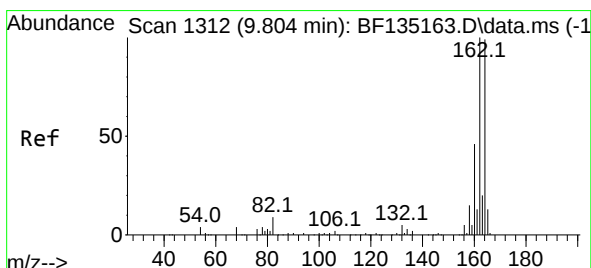
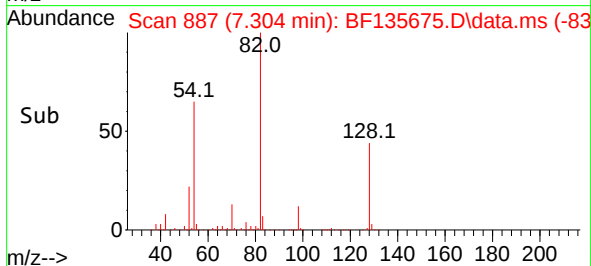
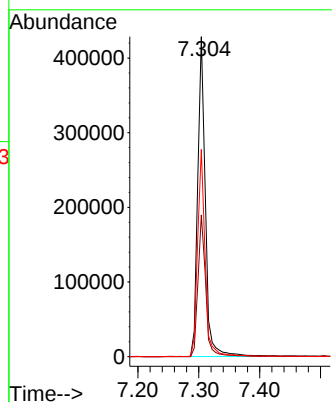
Tgt Ion: 82 Resp: 373449

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 64.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

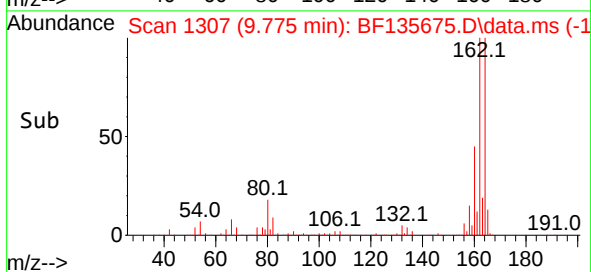
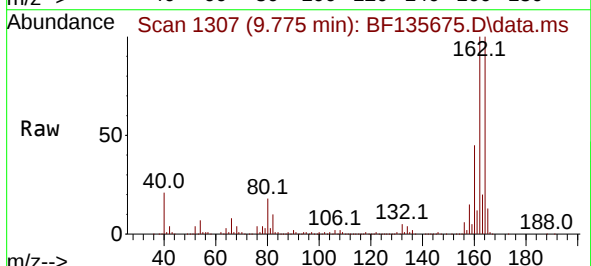
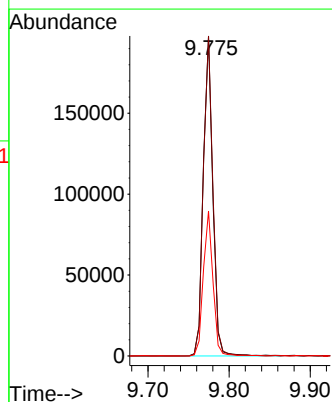
Tgt Ion:164 Resp: 161019

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 45.3 37.0 55.4

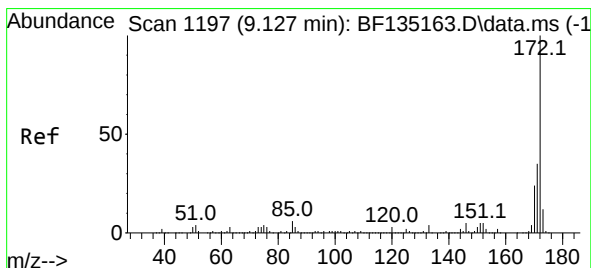
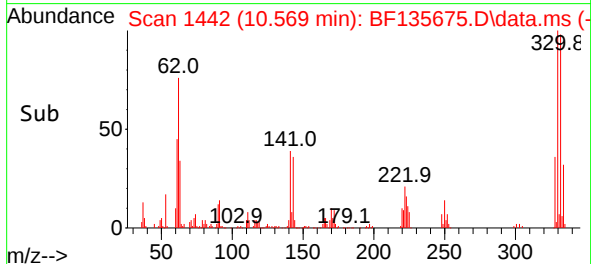
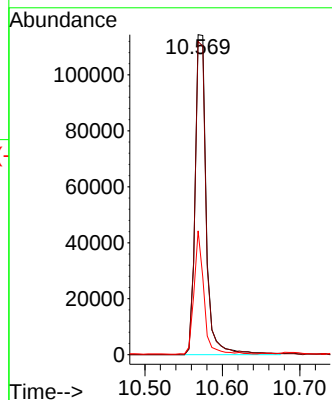
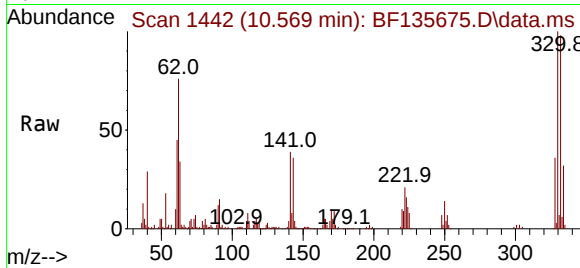




#42
2,4,6-Tribromophenol
Concen: 71.642 ng
RT: 10.569 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

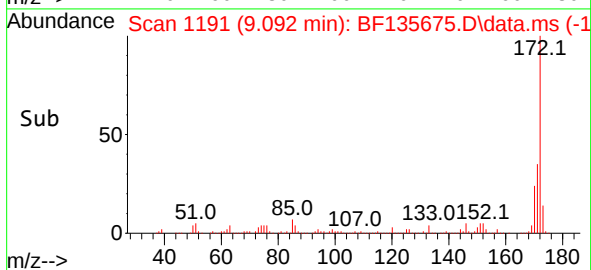
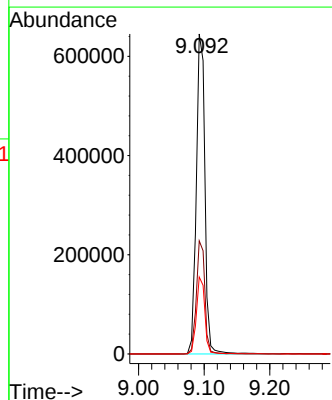
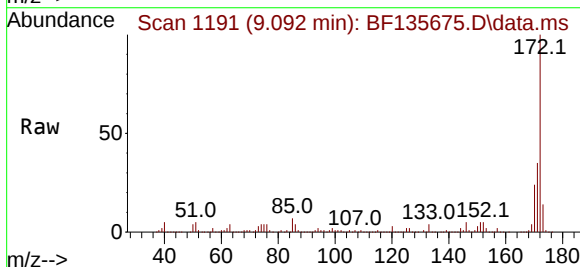
Instrument :
BNA_F
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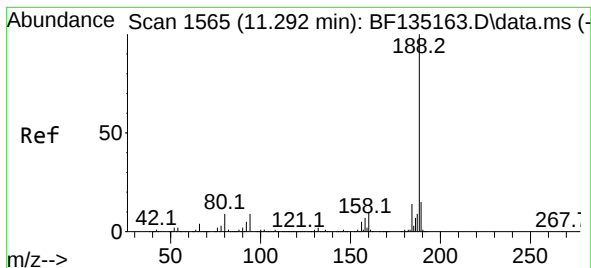
Tgt Ion:330 Resp: 114637
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 55.382 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion:172 Resp: 591072
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623

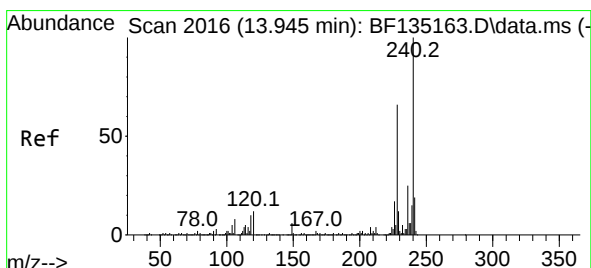
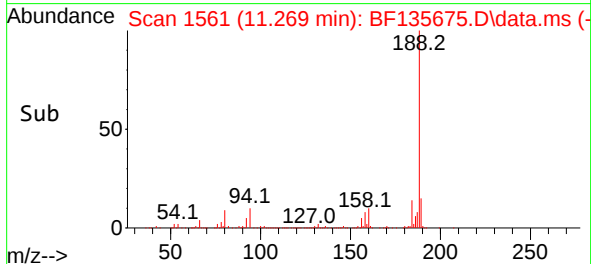
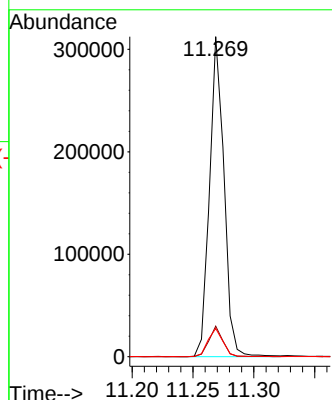
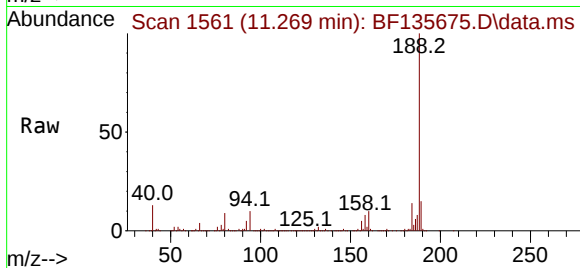
Tgt Ion:188 Resp: 258047

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 8.8 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

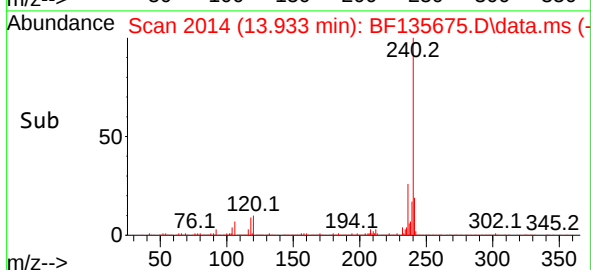
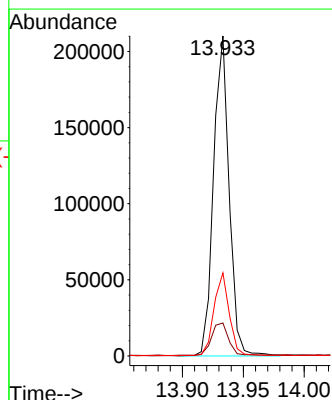
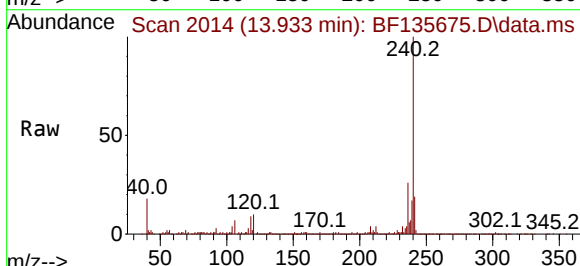
Tgt Ion:240 Resp: 186814

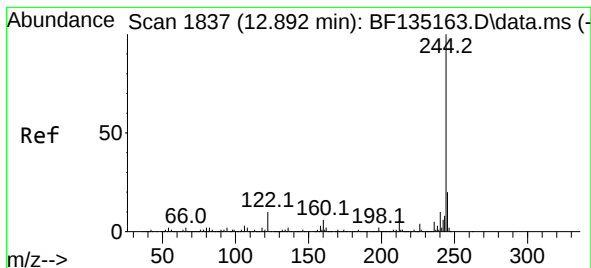
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 39.467 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623

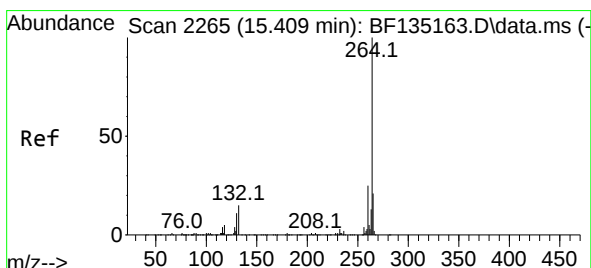
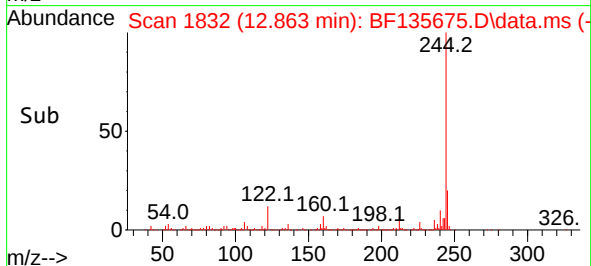
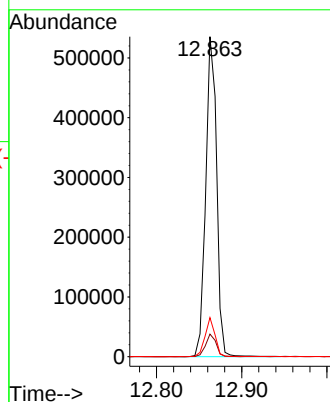
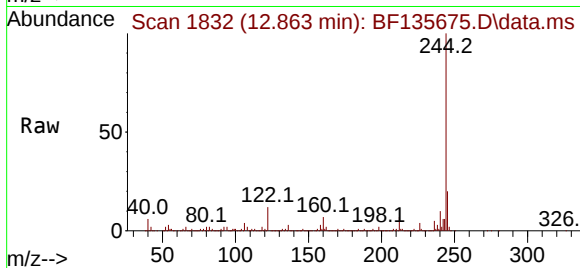
Tgt Ion:244 Resp: 475613

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 12.2 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Tgt Ion:264 Resp: 168374

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.5 17.0 25.4

