

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140438.D
Acq On : 16 Nov 2024 18:53
Operator : RC/JU
Sample : P4768-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4

Quant Time: Nov 18 00:09:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126758	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	464845	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	232288	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	359240	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227936	20.000	ng	0.00
86) Perylene-d12	15.551	264	171121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	422969	56.972	ng	0.00
7) Phenol-d6	6.510	99	553687	55.047	ng	0.00
23) Nitrobenzene-d5	7.434	82	338637	37.957	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107387	46.489	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	638091	44.159	ng	0.00
79) Terphenyl-d14	12.980	244	531497	40.475	ng	0.00

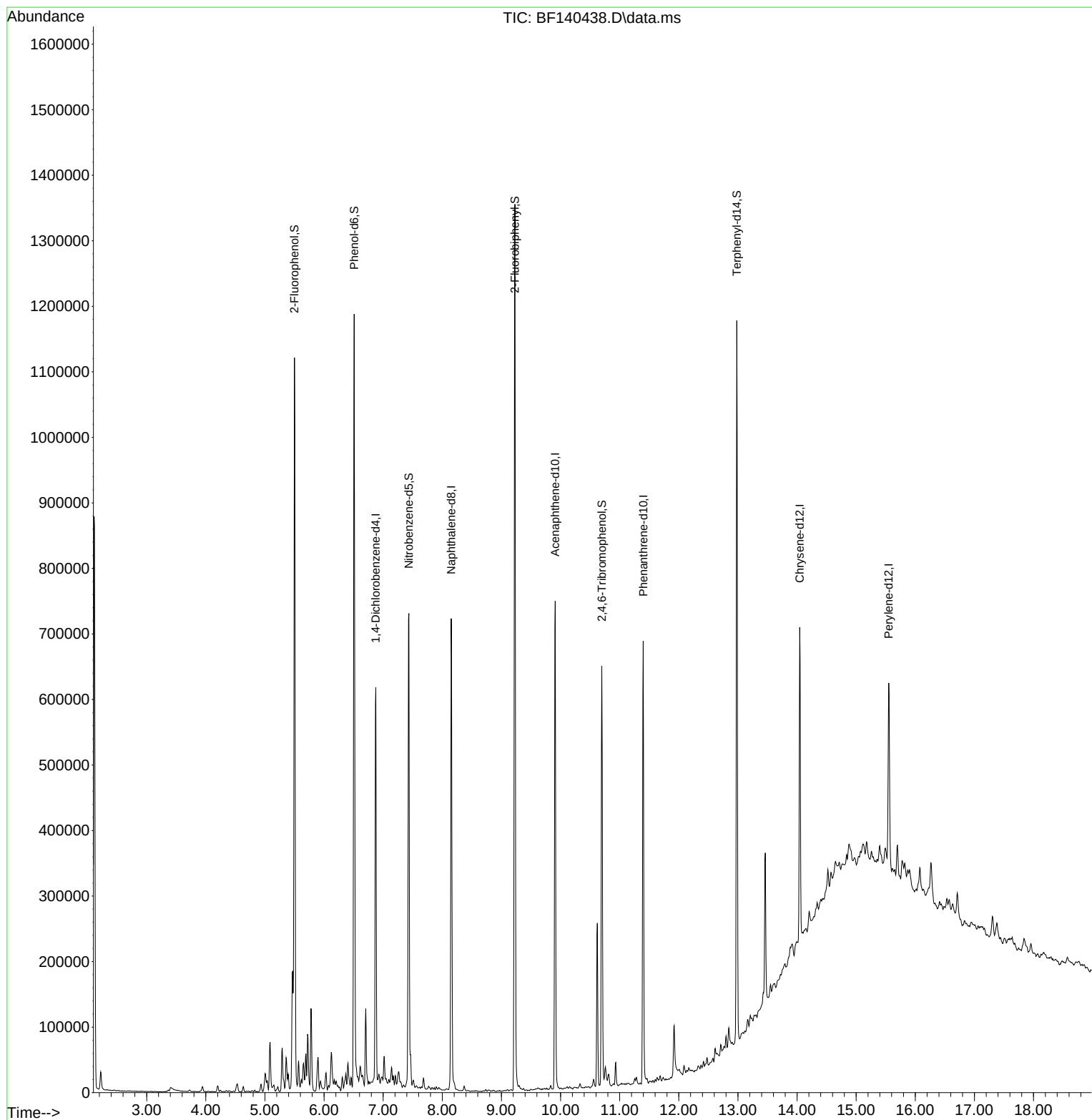
Target Compounds	Qvalue

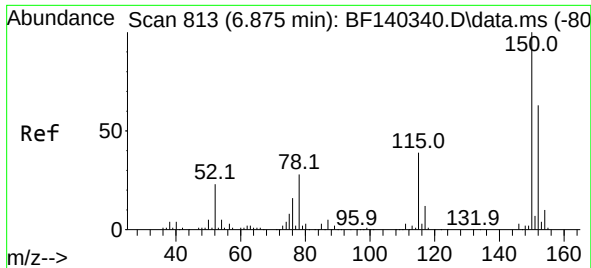
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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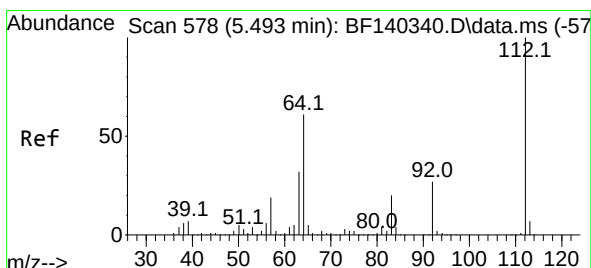
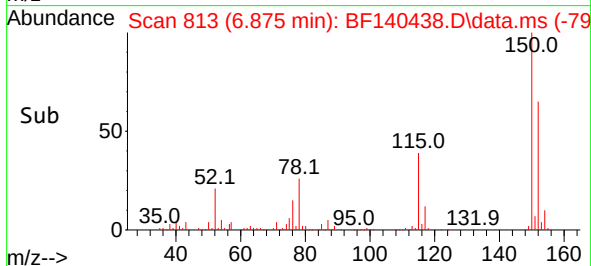
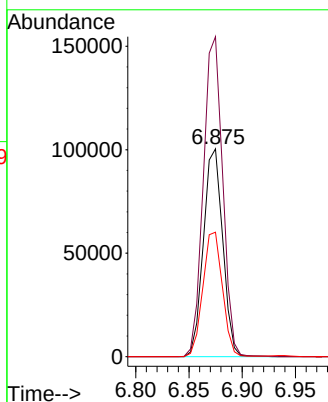
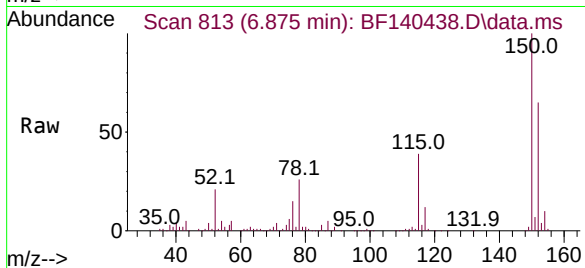




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

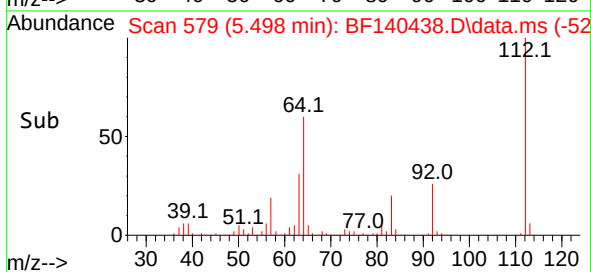
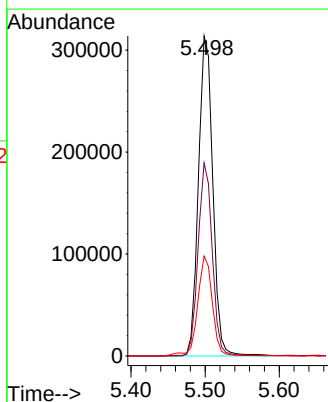
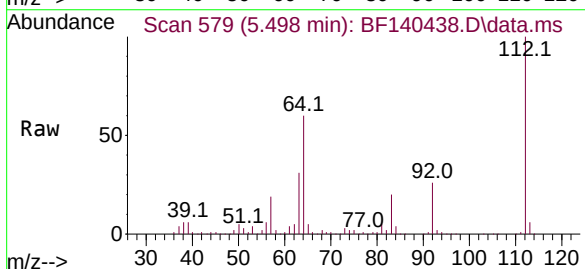
Instrument :
BNA_F
ClientSampleId :
B-4

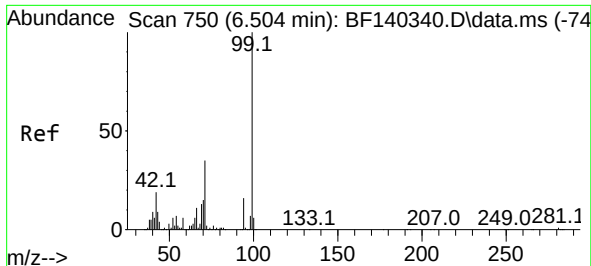
Tgt Ion:152 Resp: 126758
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 56.972 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion:112 Resp: 422969
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.2 25.6 38.4





#7

Phenol-d6

Concen: 55.047 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Instrument :

BNA_F

ClientSampleId :

B-4

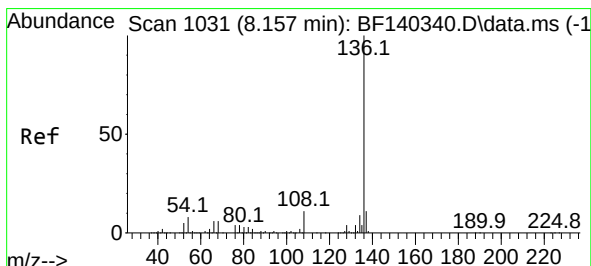
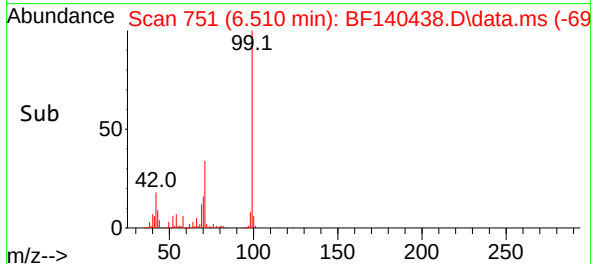
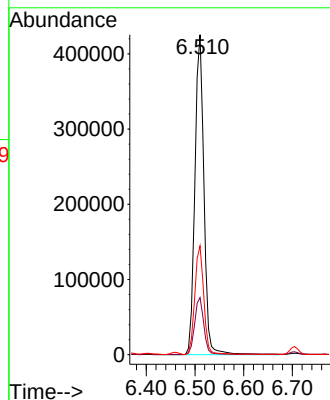
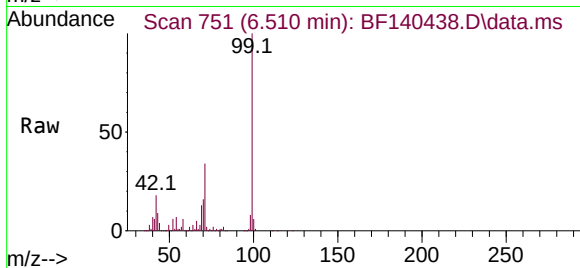
Tgt Ion: 99 Resp: 553687

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 34.0 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Tgt Ion: 136 Resp: 464845

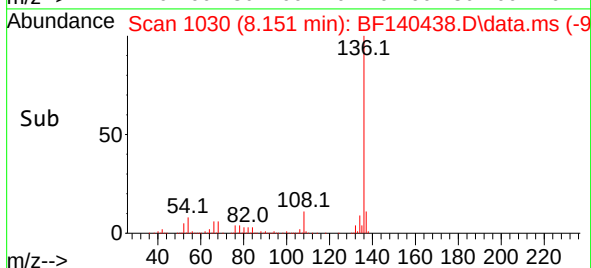
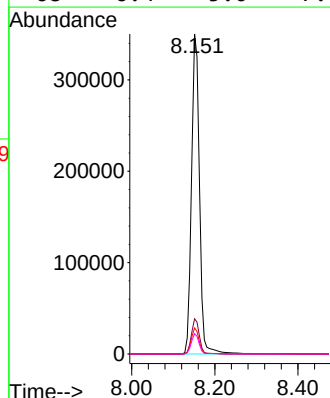
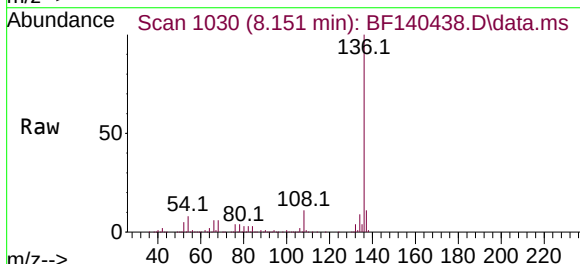
Ion Ratio Lower Upper

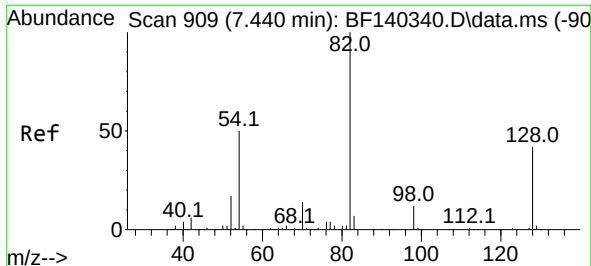
136 100

137 11.0 8.7 13.1

54 8.1 6.5 9.7

68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 37.957 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

Instrument :

BNA_F

ClientSampleId :

B-4

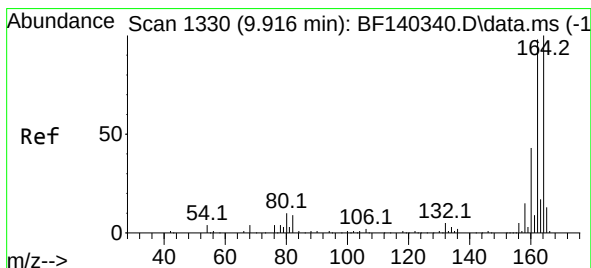
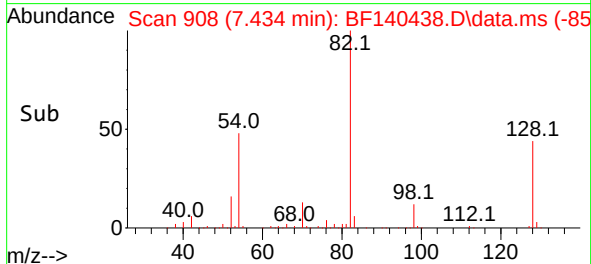
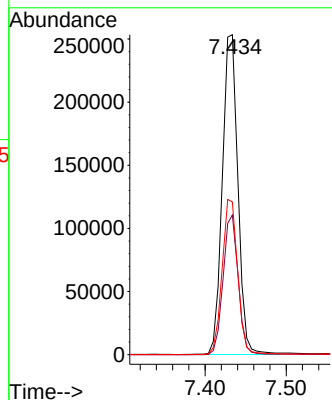
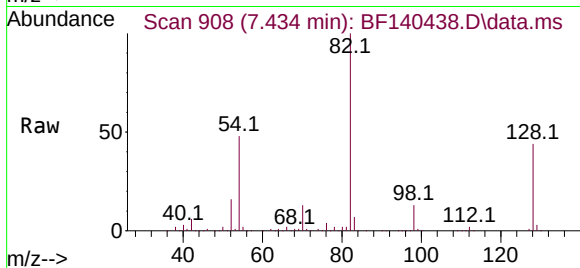
Tgt Ion: 82 Resp: 338637

Ion Ratio Lower Upper

82 100

128 43.7 33.3 49.9

54 47.7 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140438.D

Acq: 16 Nov 2024 18:53

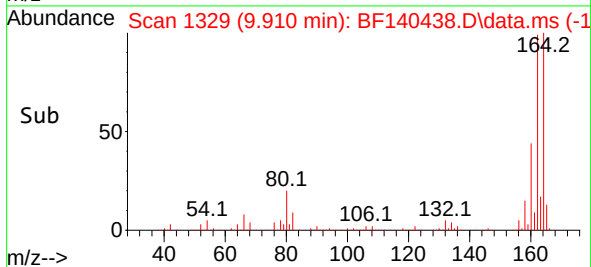
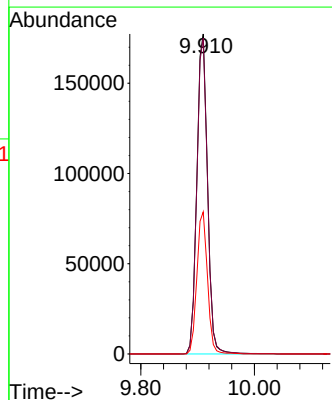
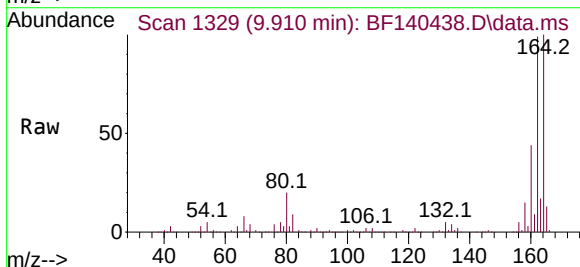
Tgt Ion:164 Resp: 232288

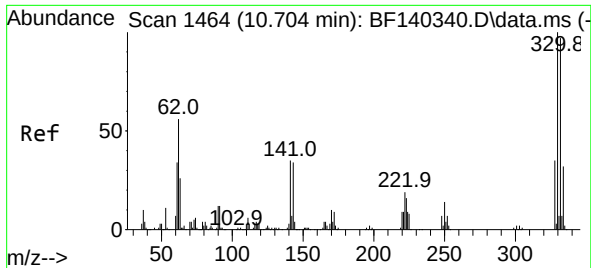
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 44.4 35.4 53.0

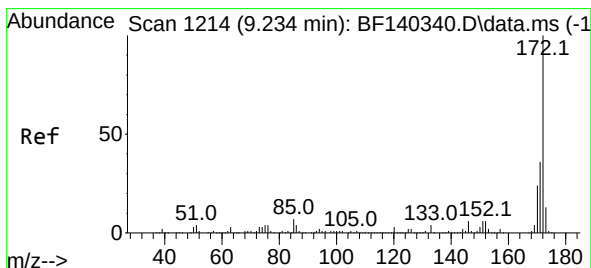
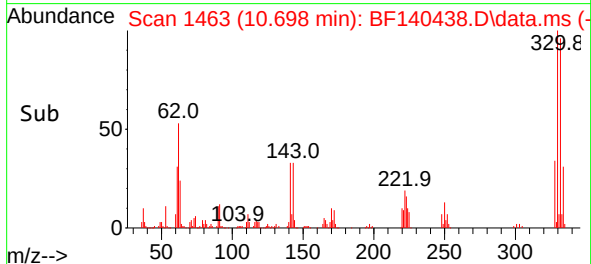
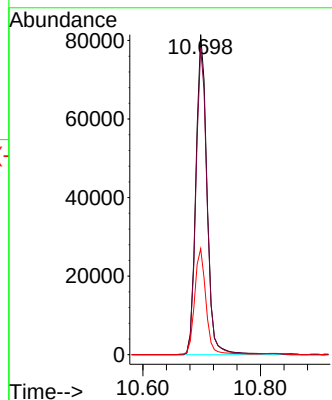
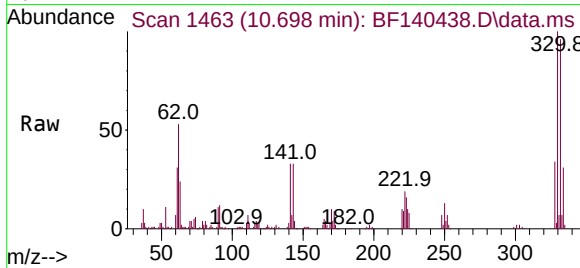




#42
2,4,6-Tribromophenol
Concen: 46.489 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

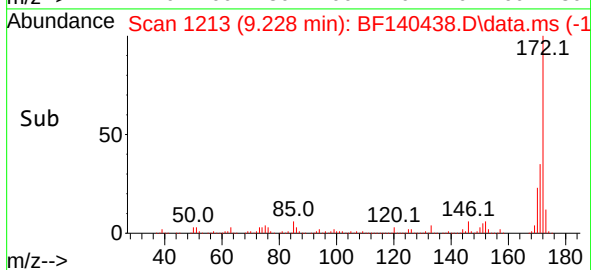
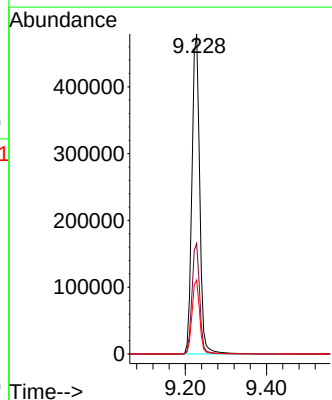
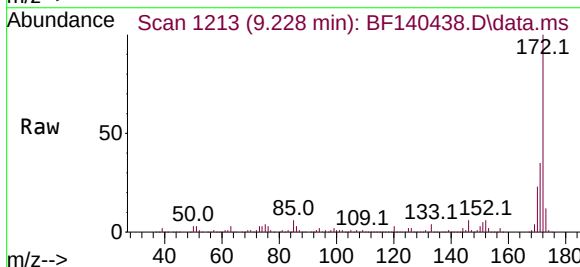
Instrument :
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ClientSampleId :
B-4

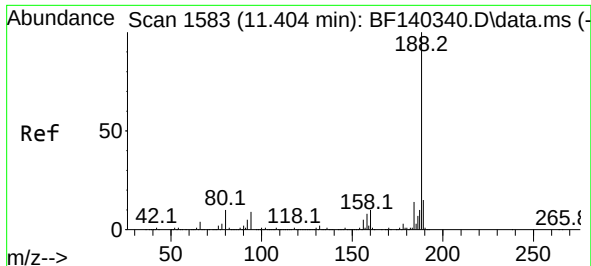
Tgt Ion: 330 Resp: 107387
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 33.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 44.159 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion: 172 Resp: 638091
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.1 19.1 28.7

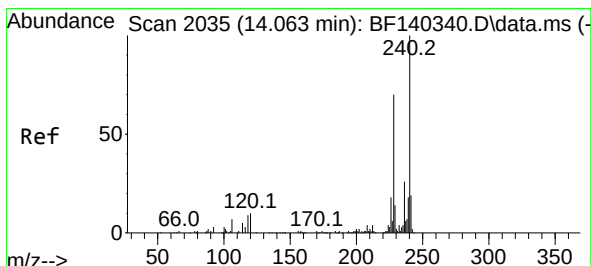
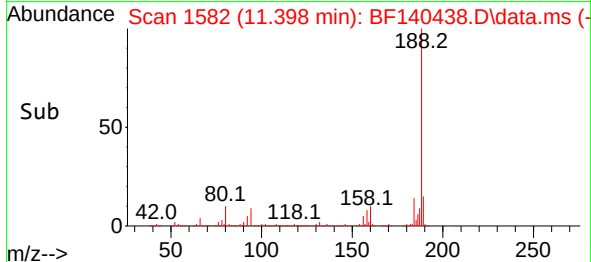
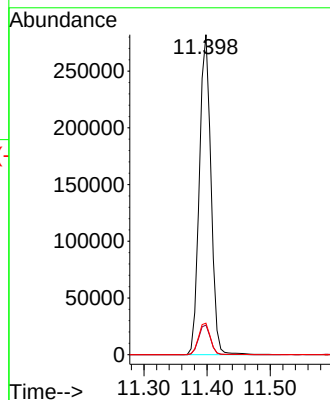
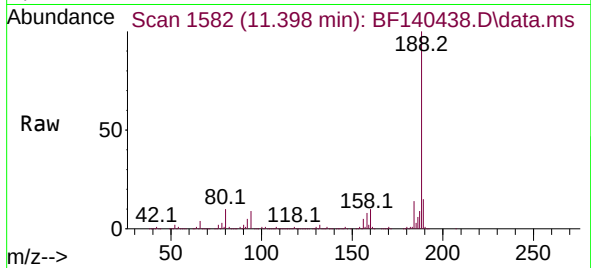




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

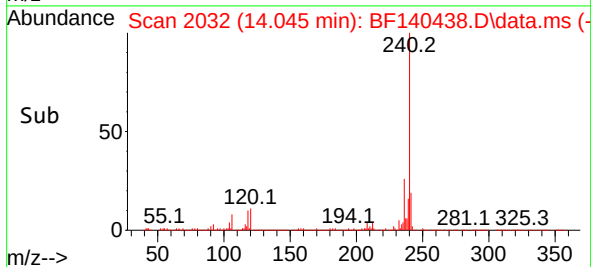
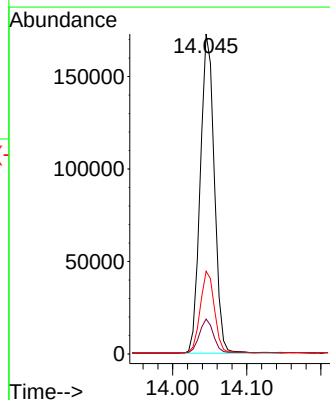
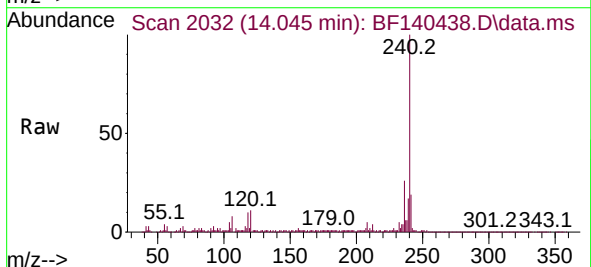
Instrument :
BNA_F
ClientSampleId :
B-4

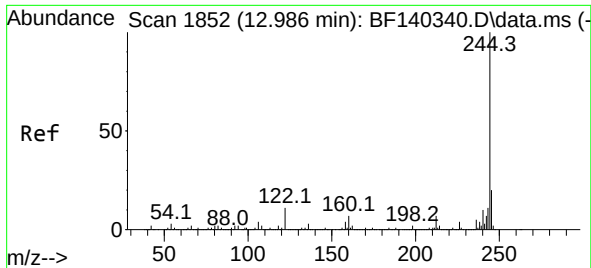
Tgt Ion:188 Resp: 359240
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140438.D
Acq: 16 Nov 2024 18:53

Tgt Ion:240 Resp: 227936
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.9 20.9 31.3

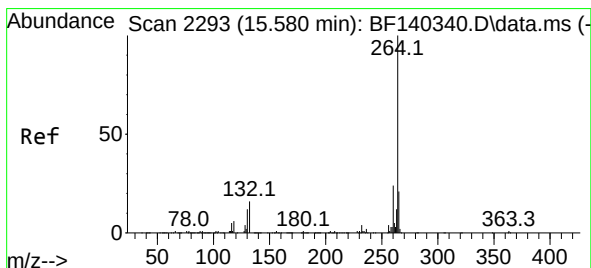
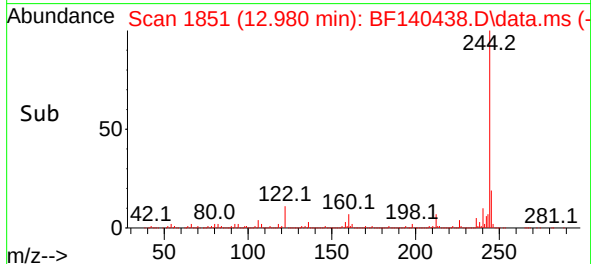
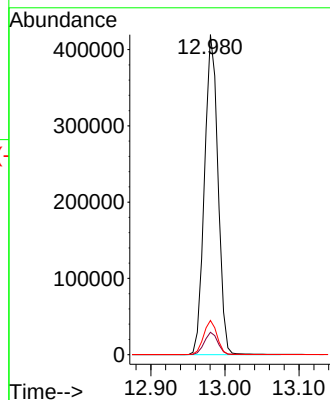
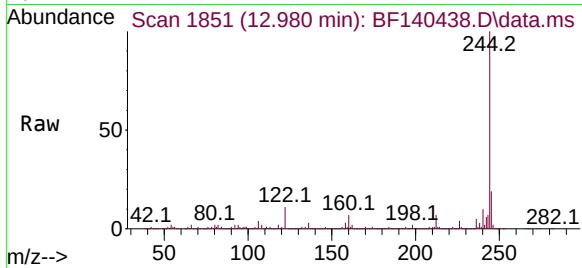




#79
 Terphenyl-d14
 Concen: 40.475 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140438.D
 Acq: 16 Nov 2024 18:53

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tgt Ion:244 Resp: 531497
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140438.D
 Acq: 16 Nov 2024 18:53

Tgt Ion:264 Resp: 171121
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 17.1 25.7

