

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140828.D
 Acq On : 11 Dec 2024 14:42
 Operator : RC/JU
 Sample : PB165479BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BL

Quant Time: Dec 11 16:30:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	78777	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	296242	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	160681	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	337784	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	220630	20.000	ng	0.00
86) Perylene-d12	15.557	264	162721	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	401783	87.021	ng	0.01
7) Phenol-d6	6.510	99	536686	87.925	ng	0.00
23) Nitrobenzene-d5	7.428	82	509141	87.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	143459	83.479	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1018609	94.452	ng	-0.02
79) Terphenyl-d14	12.980	244	1261546	89.036	ng	-0.01

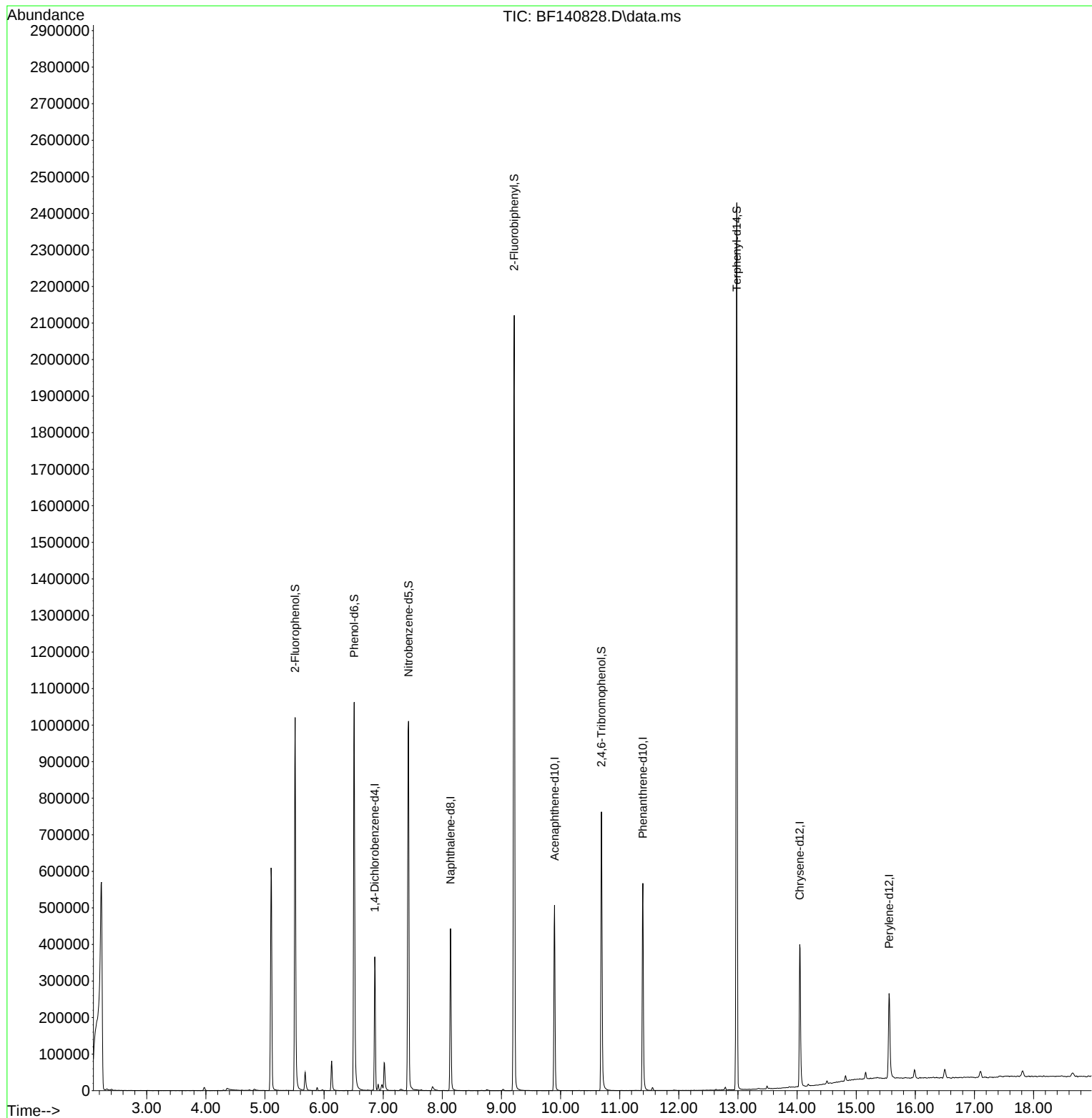
Target Compounds	Qvalue

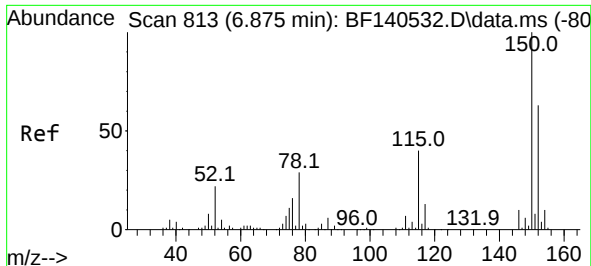
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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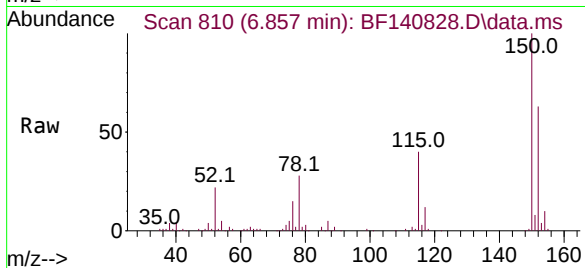
Quant Time: Dec 11 16:30:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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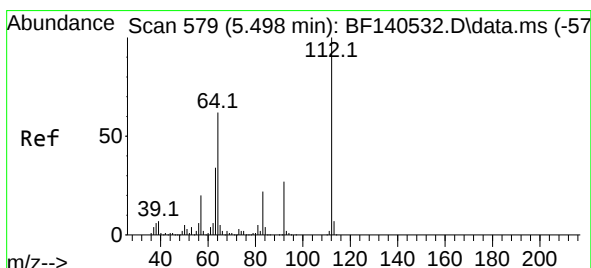
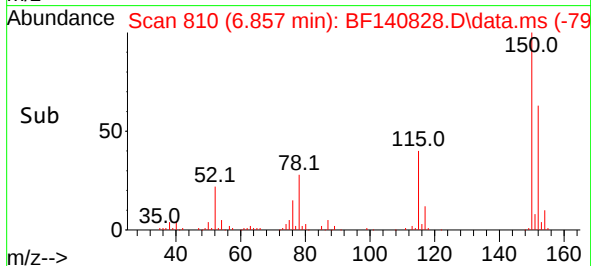
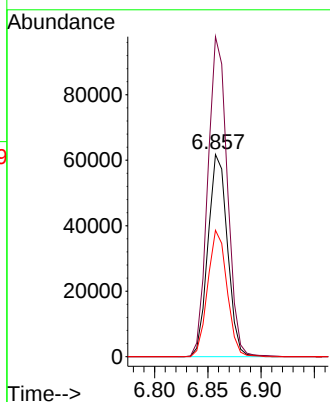


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

Instrument :
BNA_F
ClientSampleId :
PB165479BL

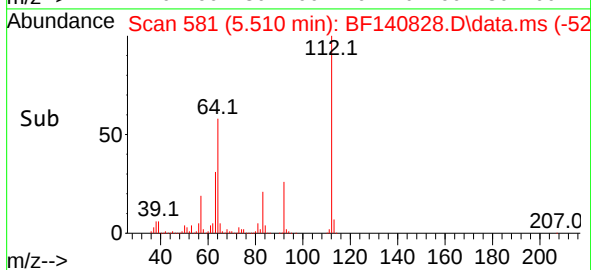
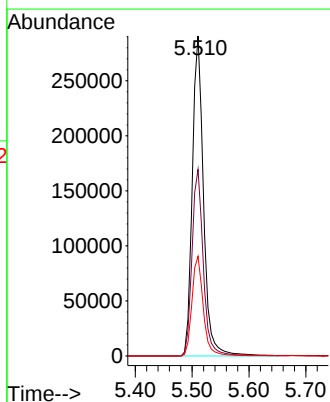
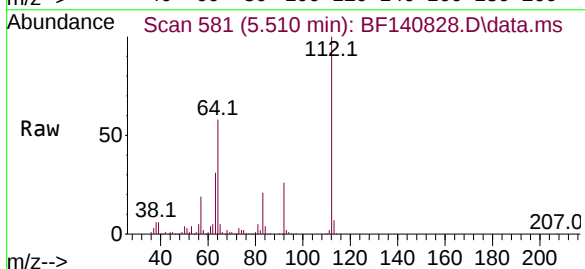


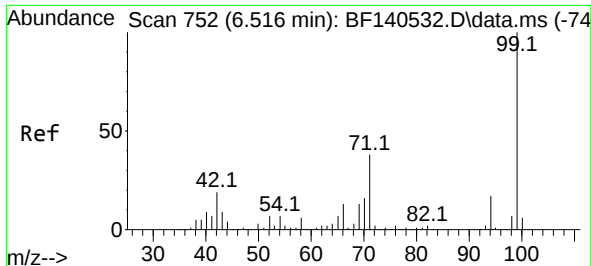
Tgt Ion:152 Resp: 78777
Ion Ratio Lower Upper
152 100
150 158.2 128.5 192.7
115 62.5 50.2 75.4



#5
2-Fluorophenol
Concen: 87.021 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

Tgt Ion:112 Resp: 401783
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 31.2 27.0 40.4





#7

Phenol-d6

Concen: 87.925 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140828.D

Acq: 11 Dec 2024 14:42

Instrument :

BNA_F

ClientSampleId :

PB165479BL

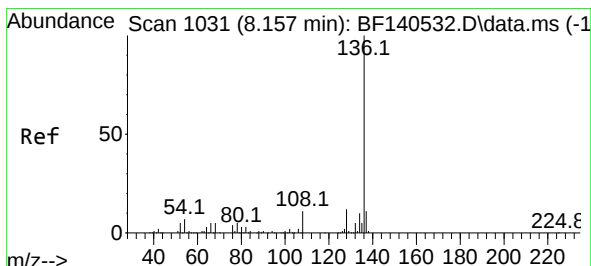
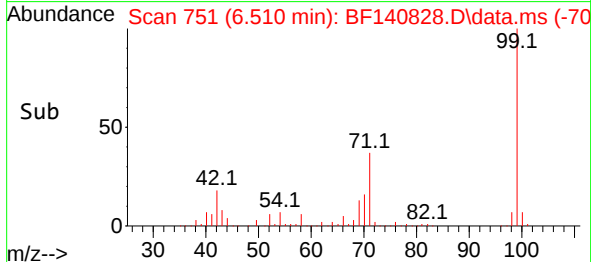
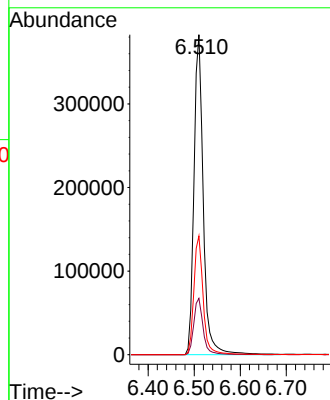
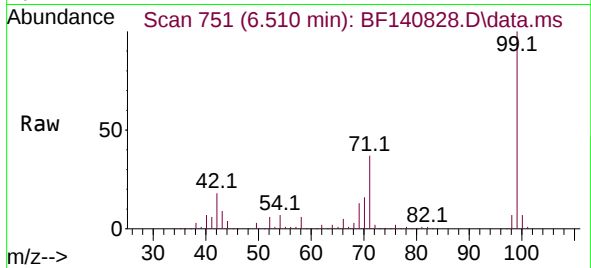
Tgt Ion: 99 Resp: 536686

Ion Ratio Lower Upper

99 100

42 17.6 15.4 23.0

71 37.1 30.6 46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1028

Delta R.T. -0.018 min

Lab File: BF140828.D

Acq: 11 Dec 2024 14:42

Tgt Ion: 136 Resp: 296242

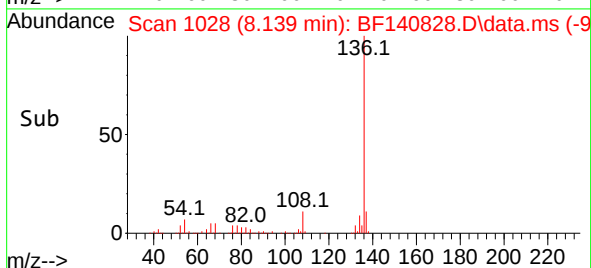
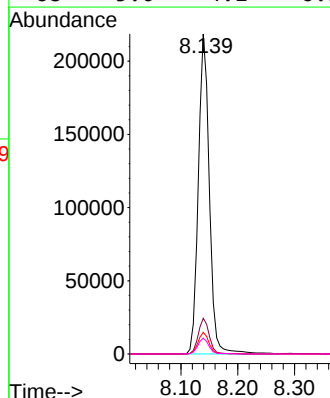
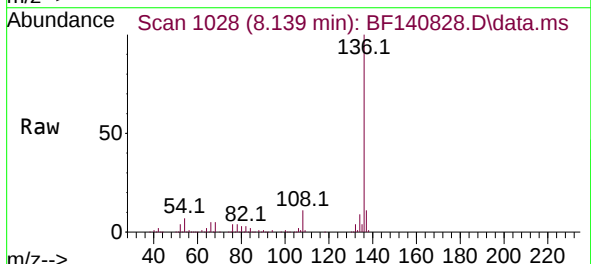
Ion Ratio Lower Upper

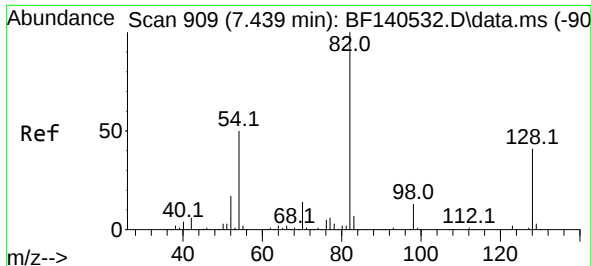
136 100

137 11.2 8.6 13.0

54 6.7 5.8 8.8

68 5.0 4.1 6.1

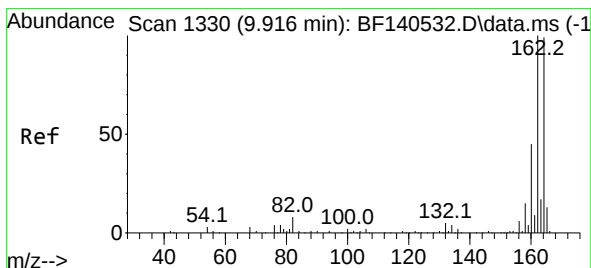
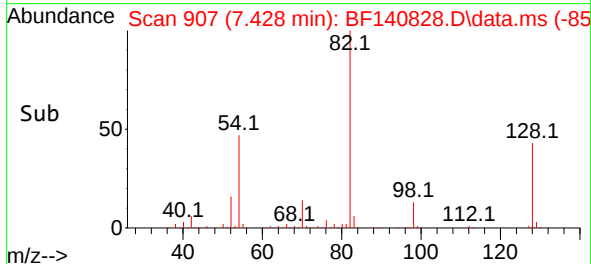
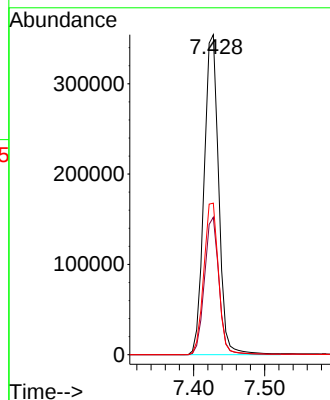
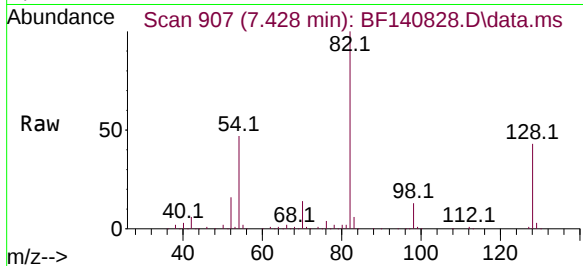




#23
Nitrobenzene-d5
Concen: 87.910 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

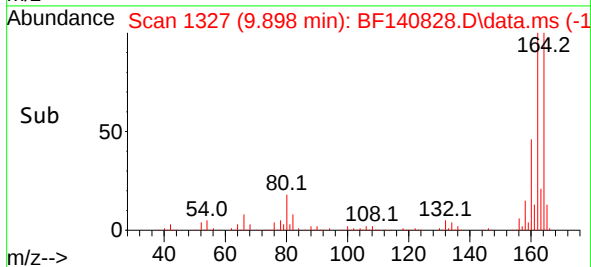
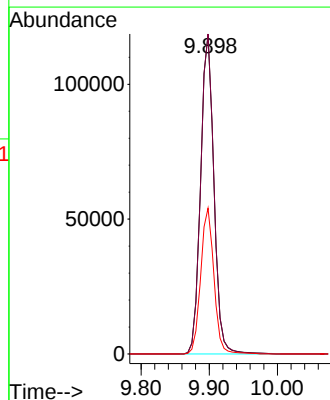
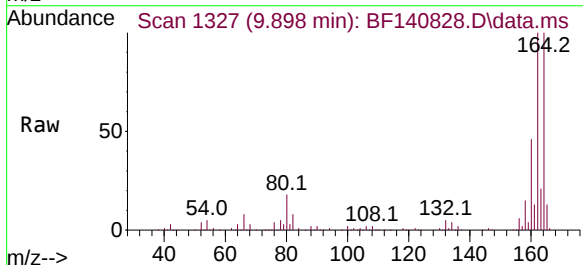
Instrument :
BNA_F
ClientSampleId :
PB165479BL

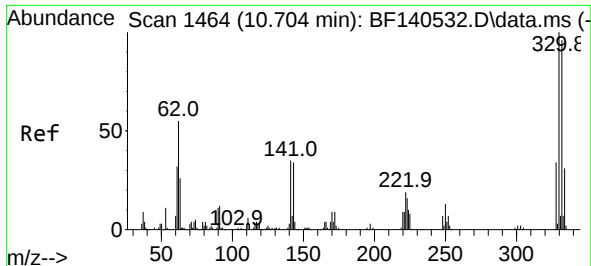
Tgt Ion: 82 Resp: 509141
Ion Ratio Lower Upper
82 100
128 43.0 33.0 49.4
54 47.3 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

Tgt Ion:164 Resp: 160681
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 83.479 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140828.D

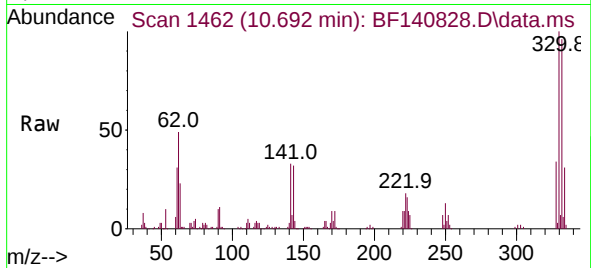
Acq: 11 Dec 2024 14:42

Instrument :

BNA_F

ClientSampleId :

PB165479BL



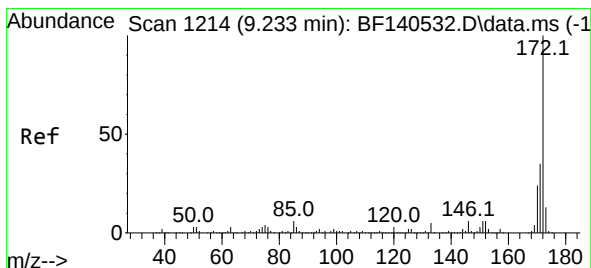
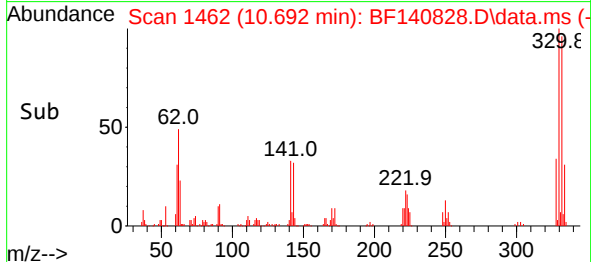
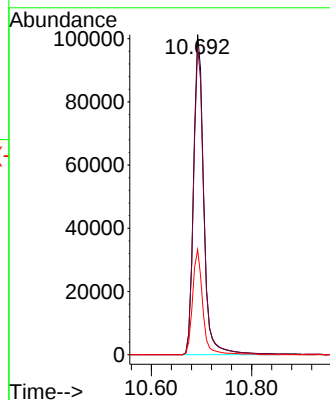
Tgt Ion:330 Resp: 143459

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 94.452 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140828.D

Acq: 11 Dec 2024 14:42

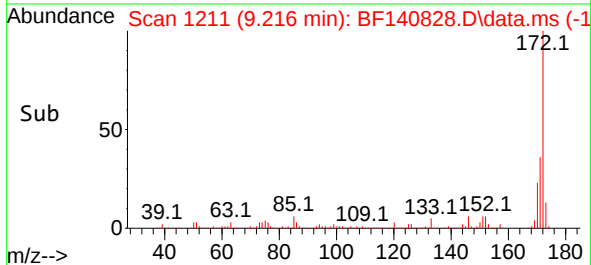
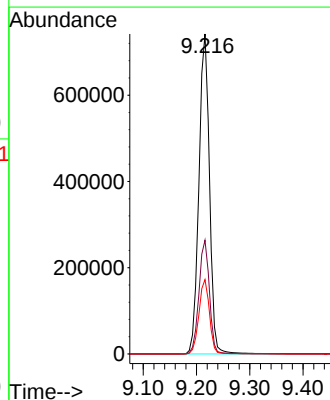
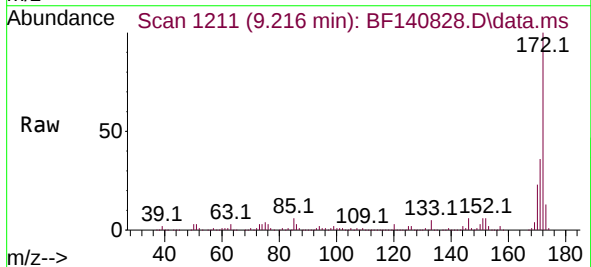
Tgt Ion:172 Resp: 1018609

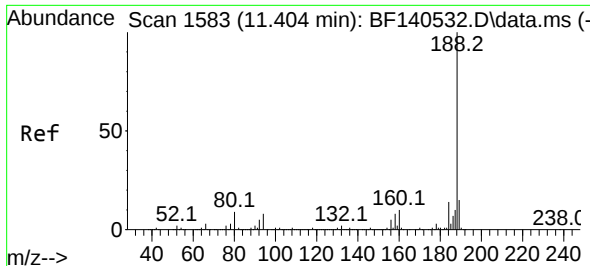
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6

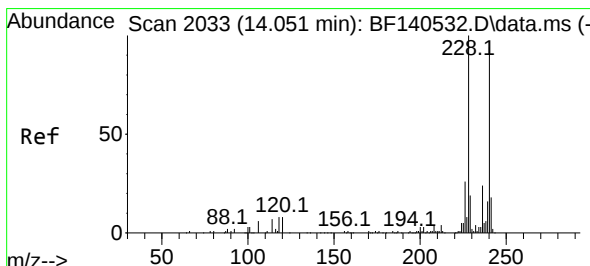
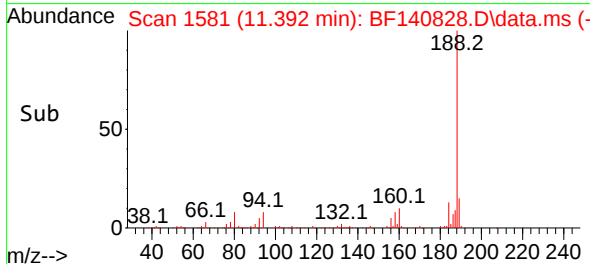
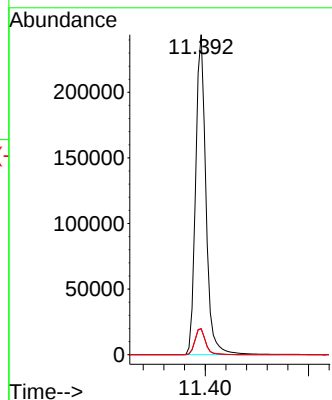
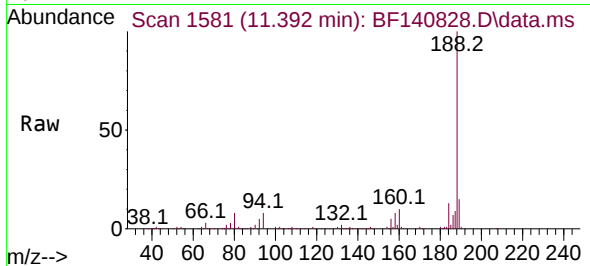




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

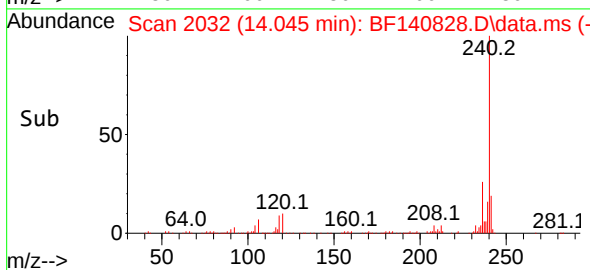
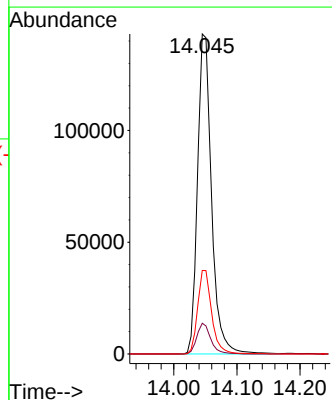
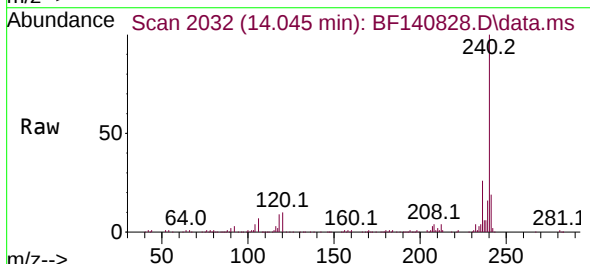
Instrument :
BNA_F
ClientSampleId :
PB165479BL

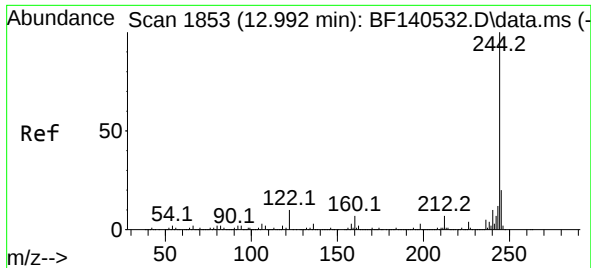
Tgt Ion:188 Resp: 337784
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

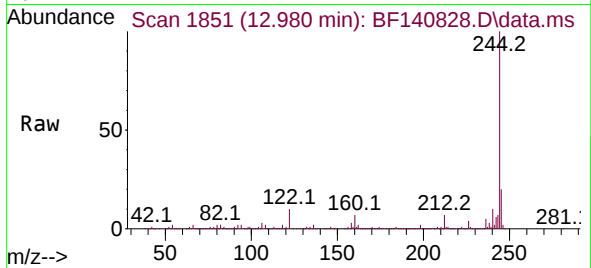
Tgt Ion:240 Resp: 220630
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.1 20.6 31.0



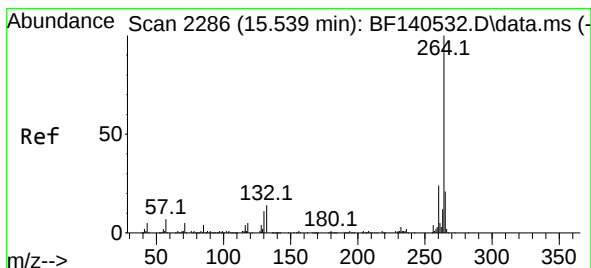
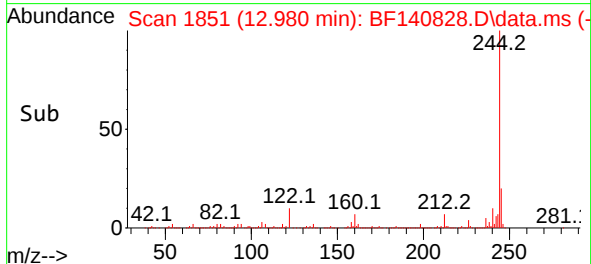
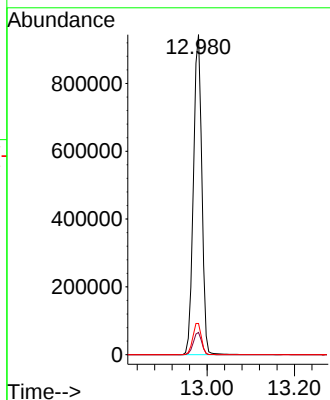


#79
Terphenyl-d14
Concen: 89.036 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

Instrument :
BNA_F
ClientSampleId :
PB165479BL



Tgt Ion:244 Resp: 1261546
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140828.D
Acq: 11 Dec 2024 14:42

Tgt Ion:264 Resp: 162721
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.5 16.6 25.0

