

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140852.D
 Acq On : 13 Dec 2024 18:46
 Operator : RC/JU
 Sample : P5216-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-743RE

Quant Time: Dec 13 21:42:26 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	38356	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	151700	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	88127	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	192744	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	126994	20.000	ng	-0.01
86) Perylene-d12	15.545	264	118264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	200993	89.409	ng	-0.01
7) Phenol-d6	6.504	99	276091	92.899	ng	-0.01
23) Nitrobenzene-d5	7.422	82	173155	58.384	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	79805	84.672	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	365127	61.731	ng	-0.02
79) Terphenyl-d14	12.969	244	447212	54.835	ng	-0.02

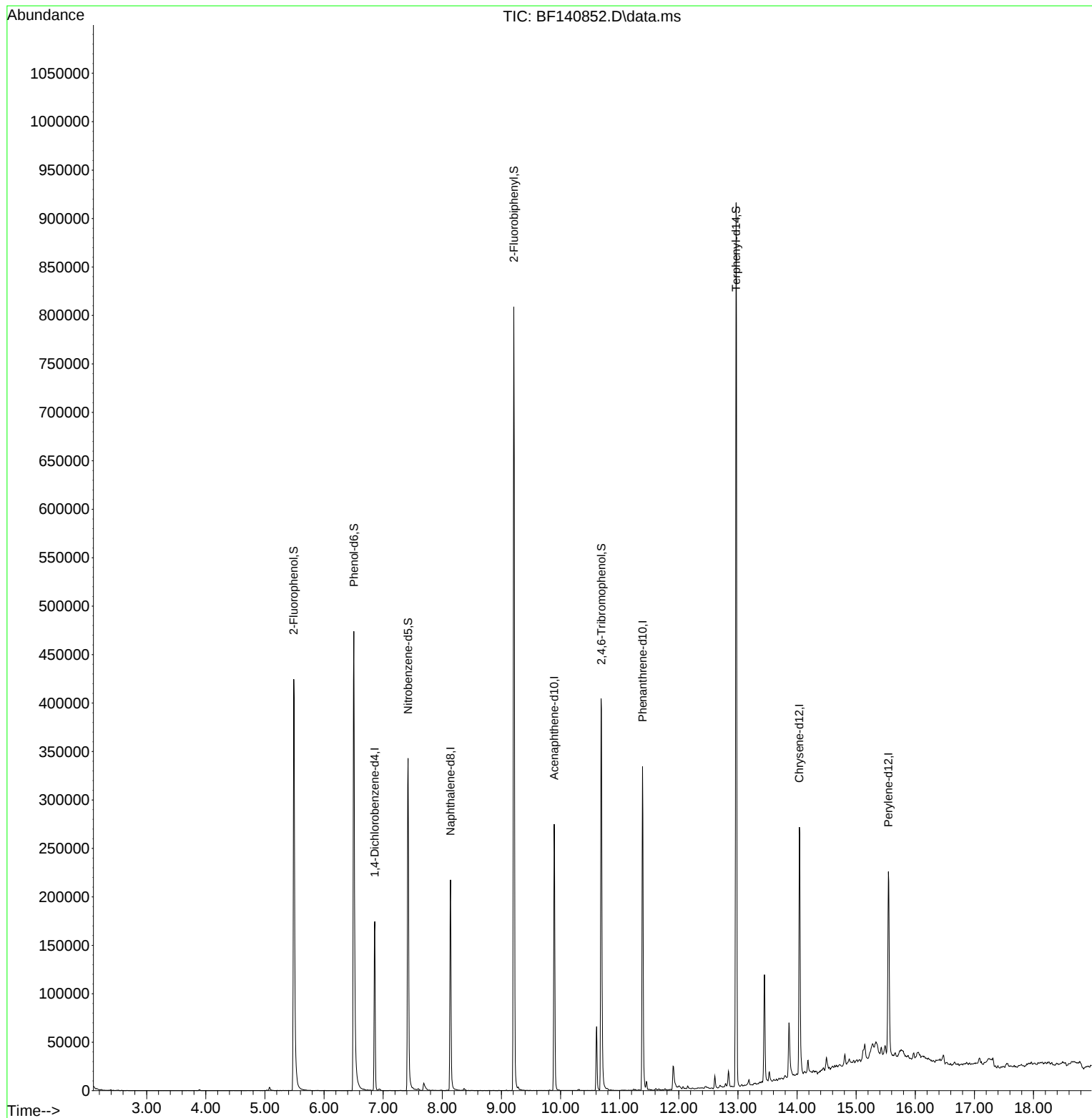
Target Compounds	Qvalue

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

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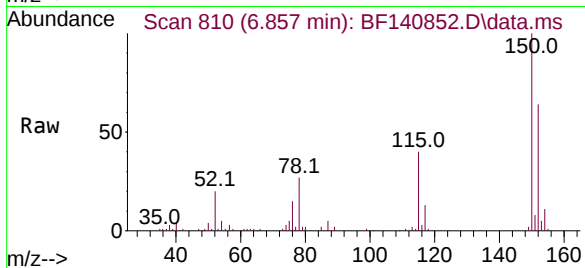
Quant Time: Dec 13 21:42:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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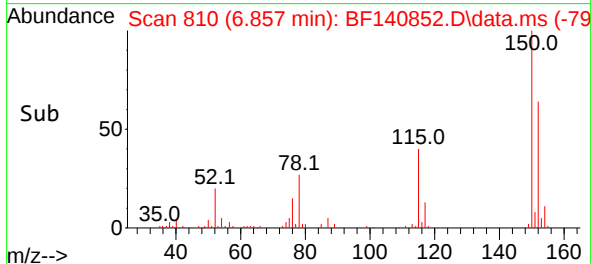
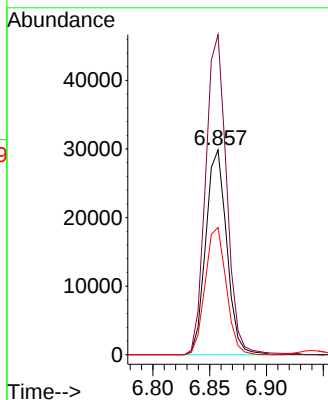


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

Instrument :
BNA_F
ClientSampleId :
MH-743RE

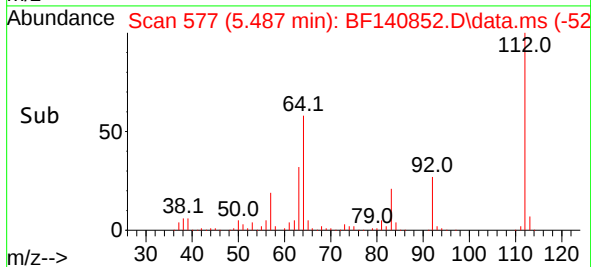
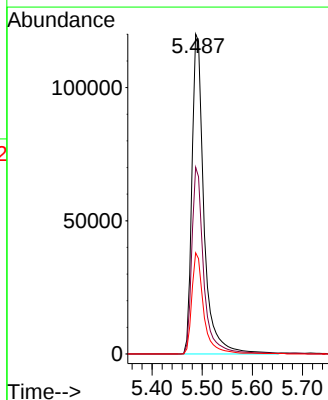
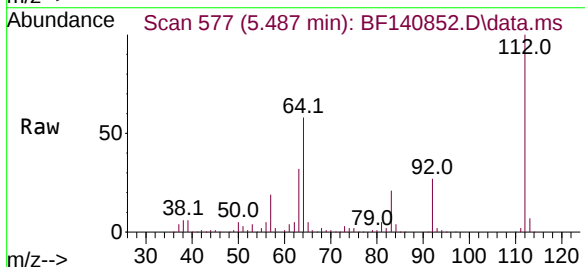


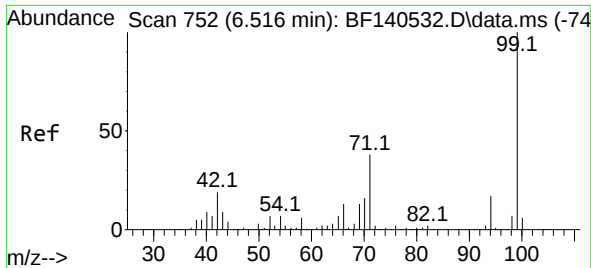
Tgt Ion:152 Resp: 38356
Ion Ratio Lower Upper
152 100
150 156.2 128.5 192.7
115 62.1 50.2 75.4



#5
2-Fluorophenol
Concen: 89.409 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

Tgt Ion:112 Resp: 200993
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.6 27.0 40.4

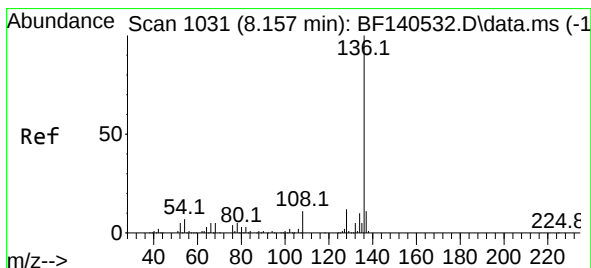
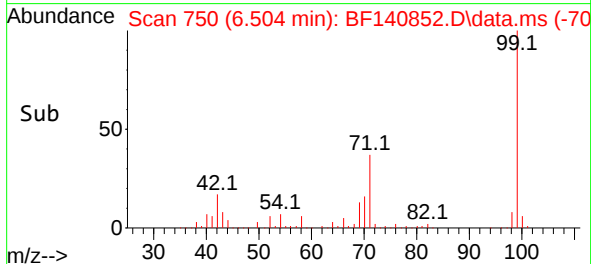
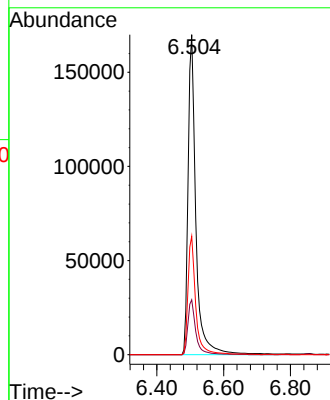
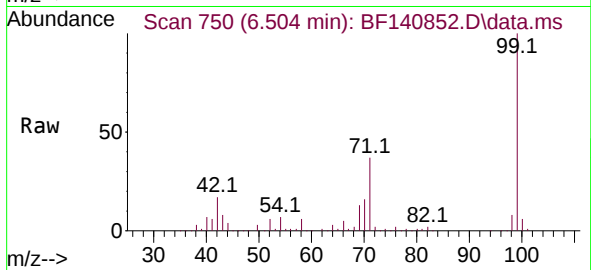




#7
Phenol-d6
Concen: 92.899 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

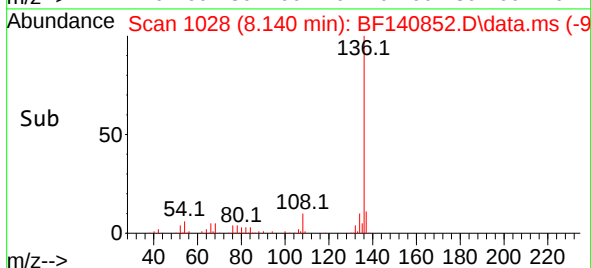
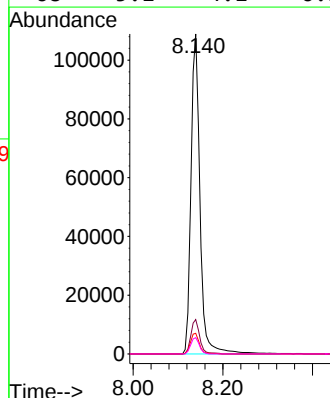
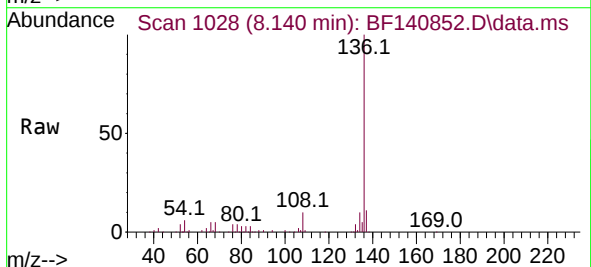
Instrument :
BNA_F
ClientSampleId :
MH-743RE

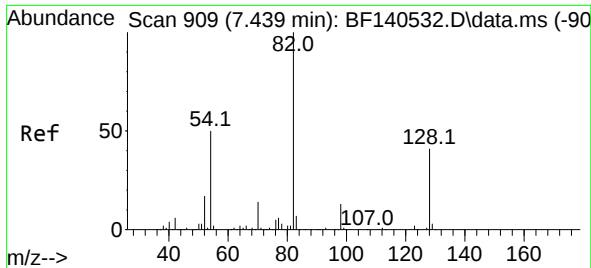
Tgt Ion: 99 Resp: 276091
Ion Ratio Lower Upper
99 100
42 17.1 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

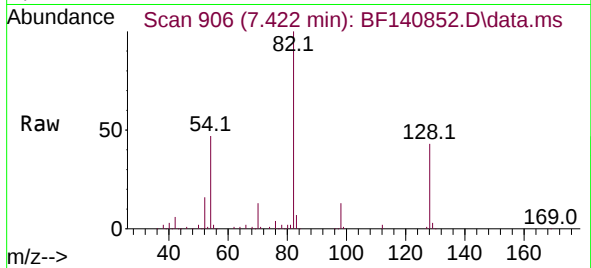
Tgt Ion: 136 Resp: 151700
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.5 5.8 8.8
68 5.1 4.1 6.1



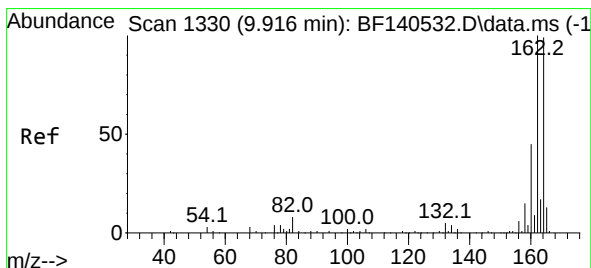
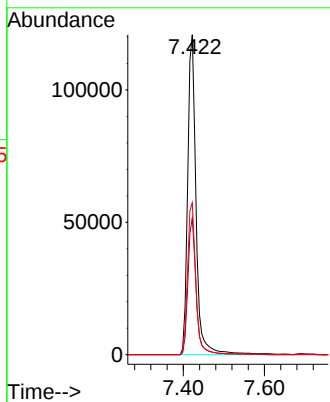
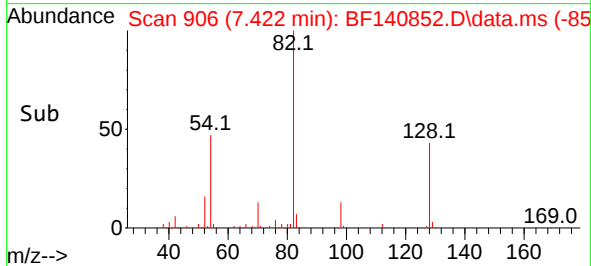


#23
Nitrobenzene-d5
Concen: 58.384 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

Instrument :
BNA_F
ClientSampleId :
MH-743RE

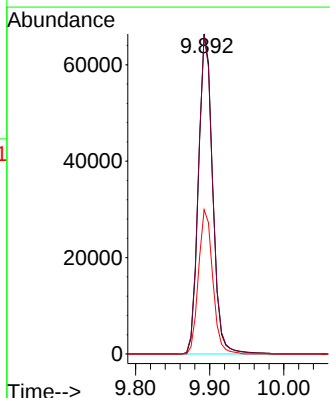
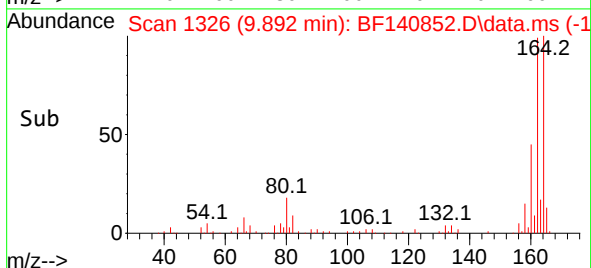
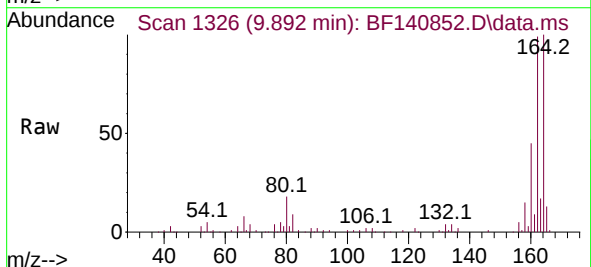


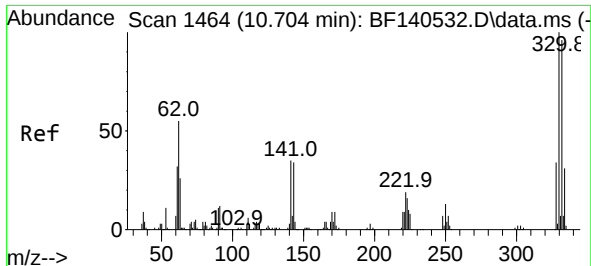
Tgt Ion: 82 Resp: 173155
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.5 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.023 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

Tgt Ion: 164 Resp: 88127
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.672 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140852.D

Acq: 13 Dec 2024 18:46

Instrument :

BNA_F

ClientSampleId :

MH-743RE

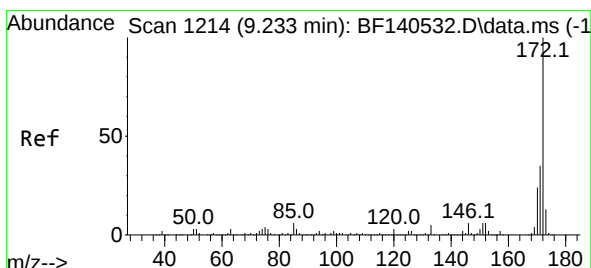
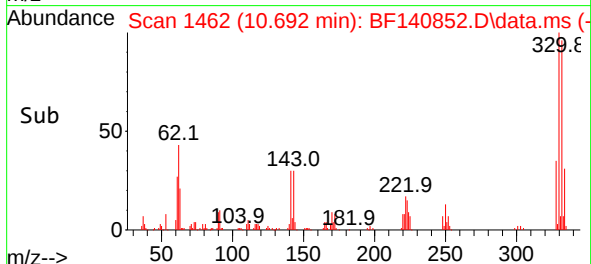
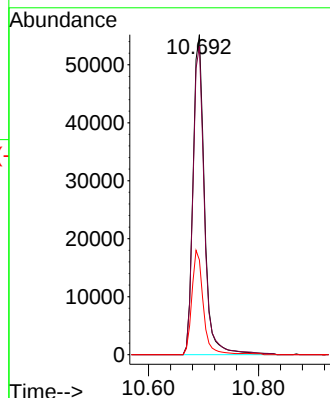
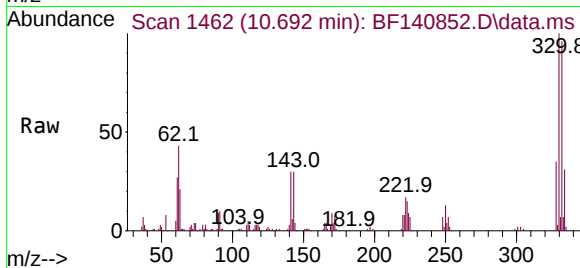
Tgt Ion:330 Resp: 79805

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 61.731 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.023 min

Lab File: BF140852.D

Acq: 13 Dec 2024 18:46

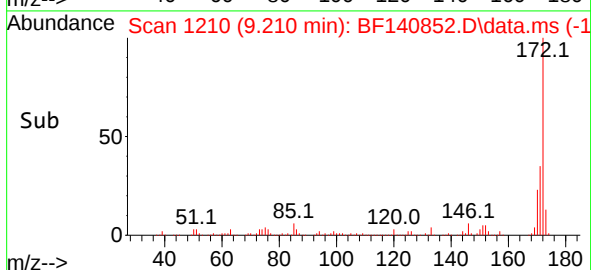
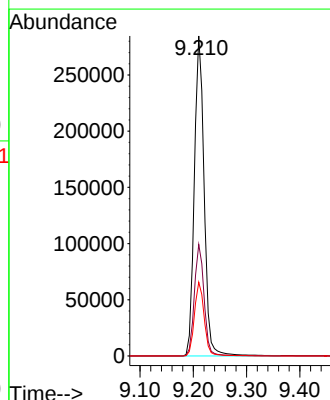
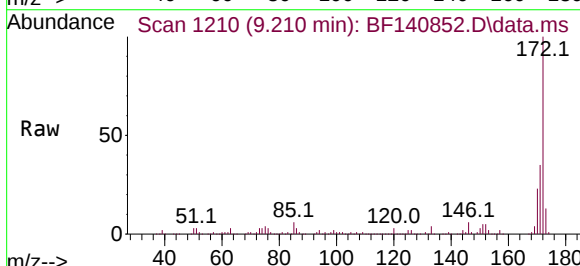
Tgt Ion:172 Resp: 365127

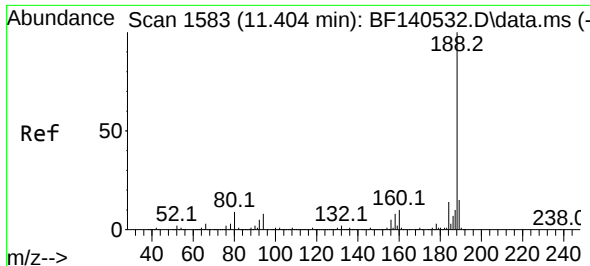
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.0 19.0 28.6

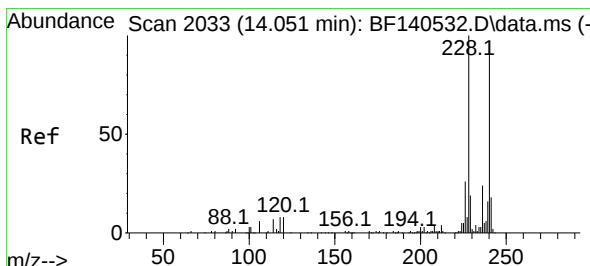
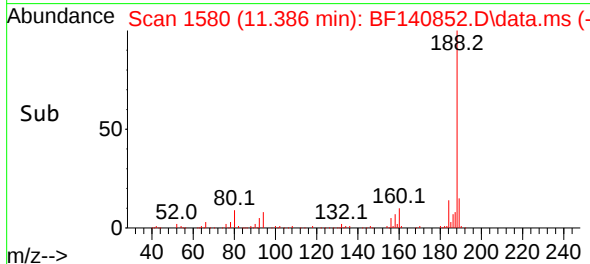
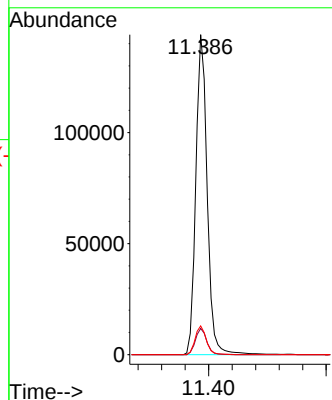
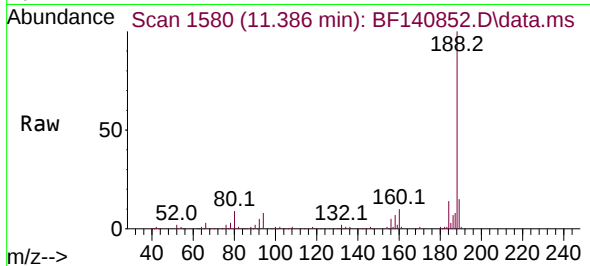




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

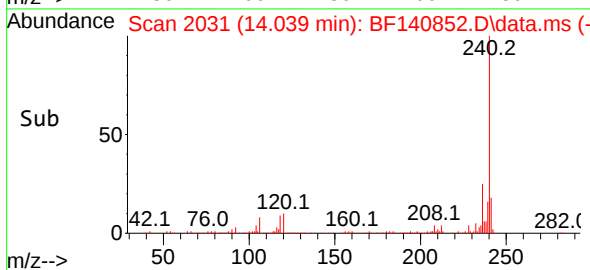
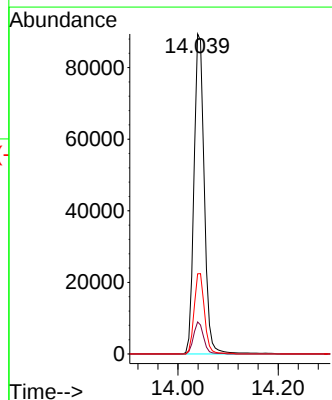
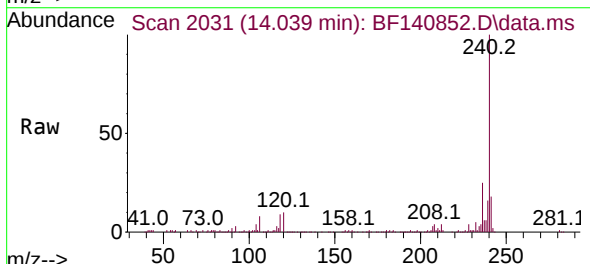
Instrument :
BNA_F
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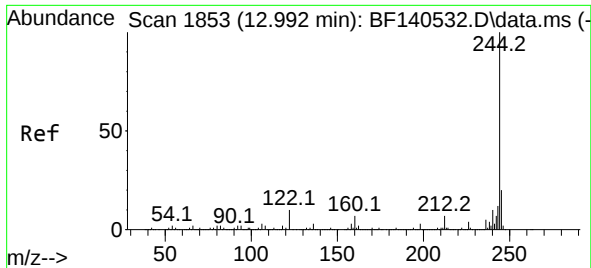
Tgt Ion:188 Resp: 192744
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140852.D
Acq: 13 Dec 2024 18:46

Tgt Ion:240 Resp: 126994
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.1 20.6 31.0

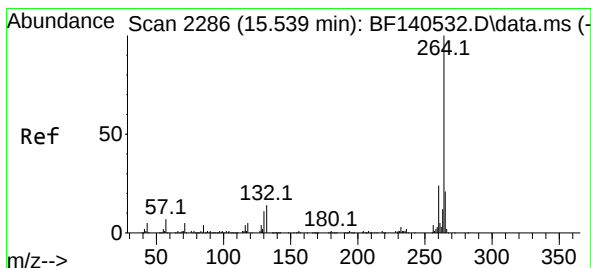
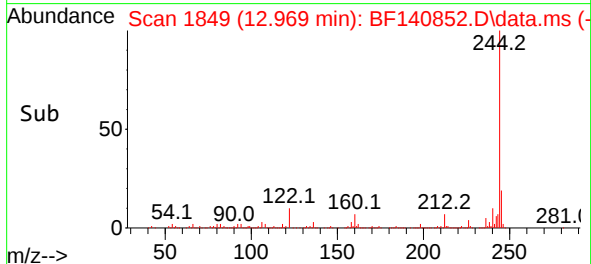
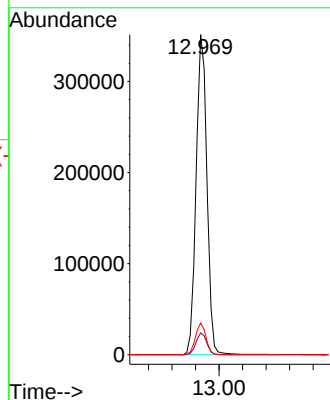
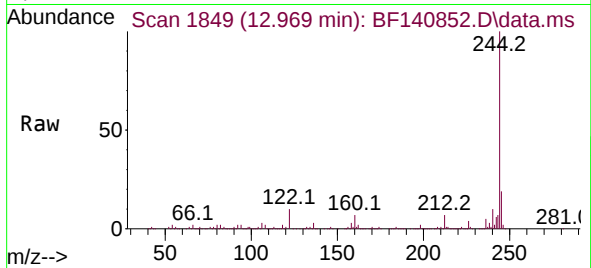




#79
 Terphenyl-d14
 Concen: 54.835 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.023 min
 Lab File: BF140852.D
 Acq: 13 Dec 2024 18:46

Instrument :
 BNA_F
 ClientSampleId :
 MH-743RE

Tgt Ion:244 Resp: 447212
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140852.D
 Acq: 13 Dec 2024 18:46

Tgt Ion:264 Resp: 118264
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.2 16.6 25.0

