

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140726.D
 Acq On : 04 Dec 2024 14:01
 Operator : RC/JU
 Sample : PB165356BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165356BL

Quant Time: Dec 04 14:20:41 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	6.875	152	89820	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	363420	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	219573	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	452822	20.000	ng	0.00
76) Chrysene-d12	14.057	240	326311	20.000	ng	0.00
86) Perylene-d12	15.562	264	268136	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	763792	145.089	ng	0.02
7) Phenol-d6	6.516	99	1006734	144.656	ng	0.00
23) Nitrobenzene-d5	7.439	82	664117	93.472	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	377124	160.591	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1374719	93.283	ng	0.00
79) Terphenyl-d14	12.992	244	1808338	86.292	ng	0.00

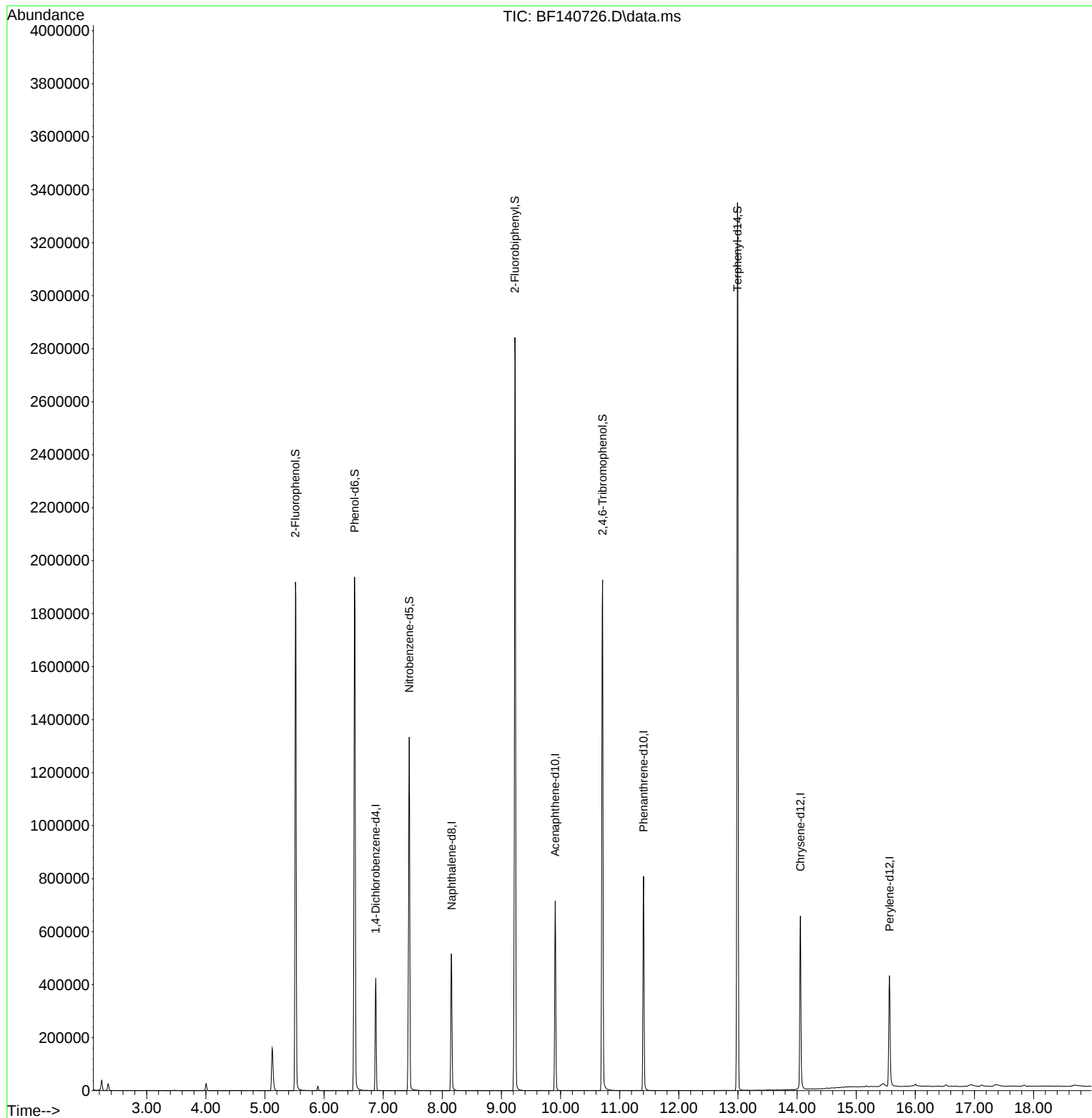
Target Compounds	Qvalue

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

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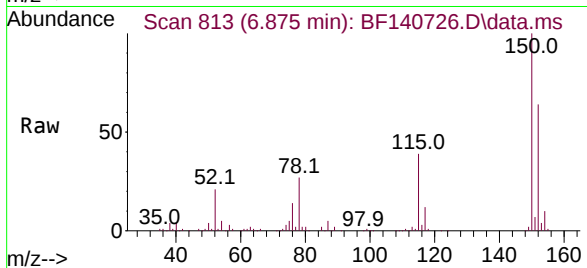
Quant Time: Dec 04 14:20:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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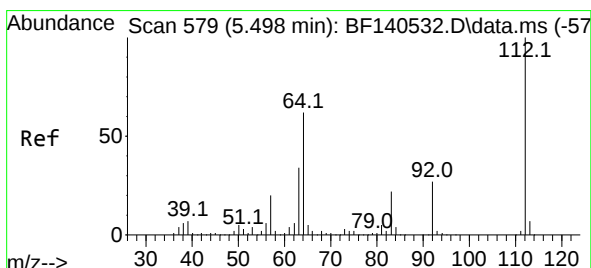
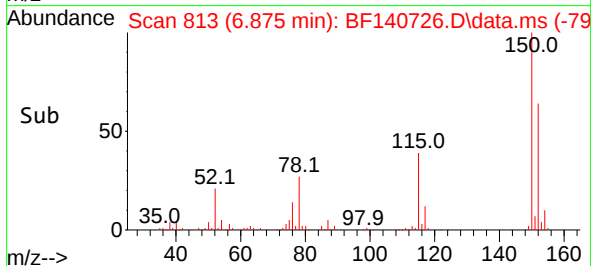
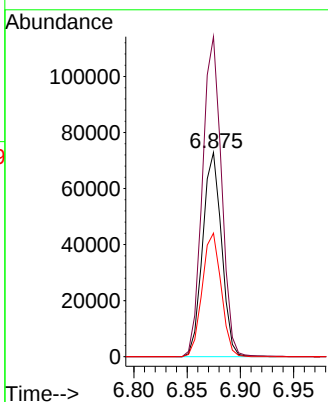


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB165356BL

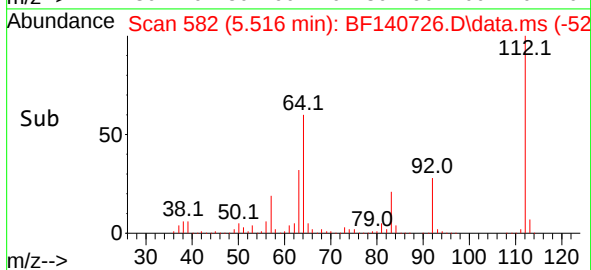
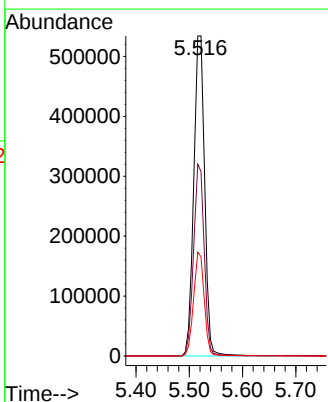
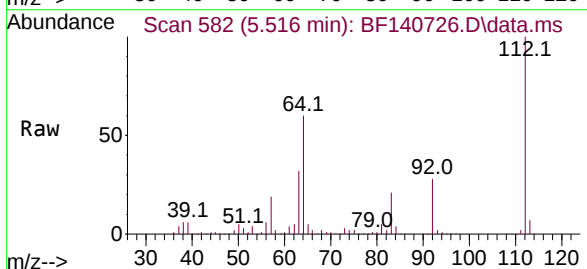


Tgt Ion:152 Resp: 89820
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.5 50.2 75.4



#5
2-Fluorophenol
Concen: 145.089 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

Tgt Ion:112 Resp: 763792
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.4 27.0 40.4

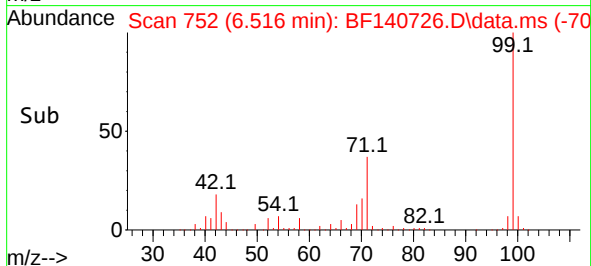
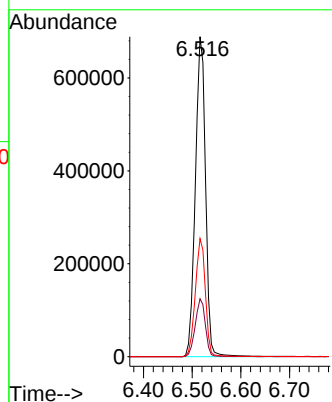
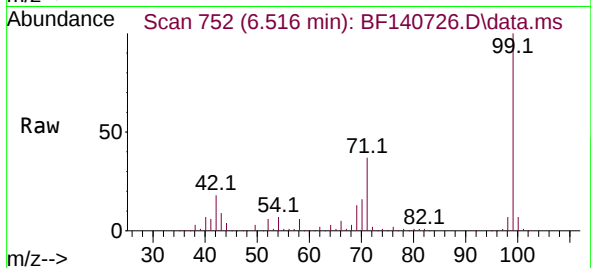




#7
Phenol-d6
Concen: 144.656 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

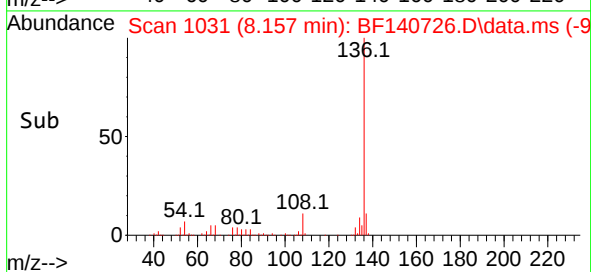
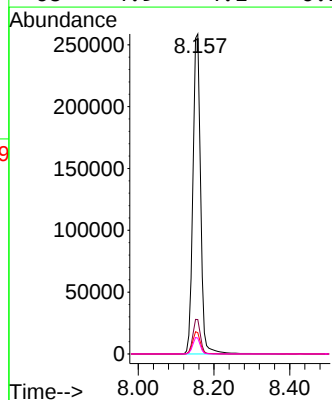
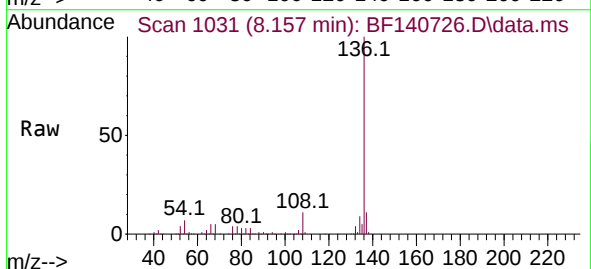
Instrument :
BNA_F
ClientSampleId :
PB165356BL

Tgt Ion: 99 Resp: 1006734
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

Tgt Ion:136 Resp: 363420
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.7 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.472 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140726.D

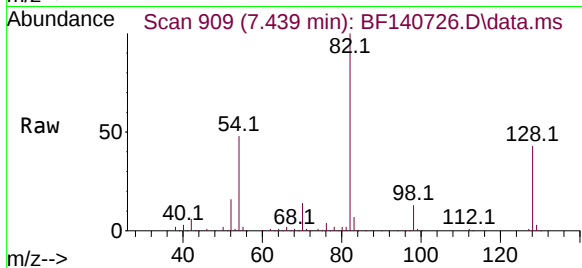
Acq: 04 Dec 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB165356BL



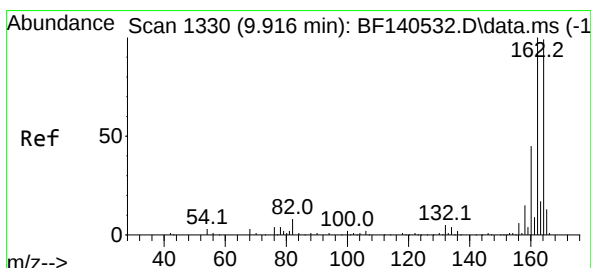
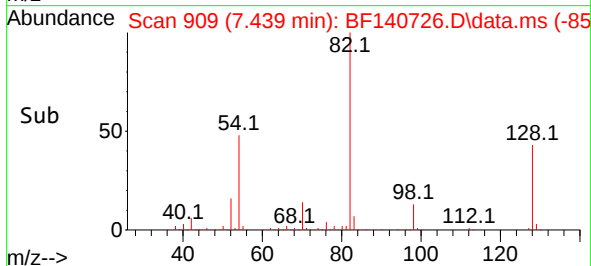
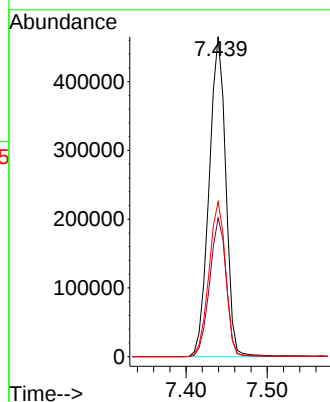
Tgt Ion: 82 Resp: 664117

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 48.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140726.D

Acq: 04 Dec 2024 14:01

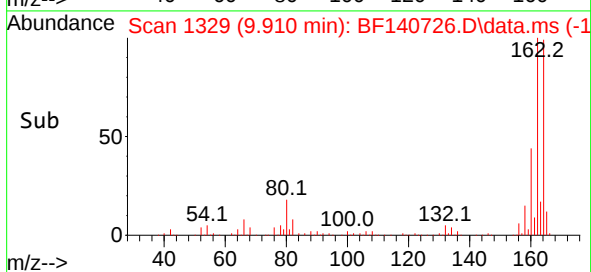
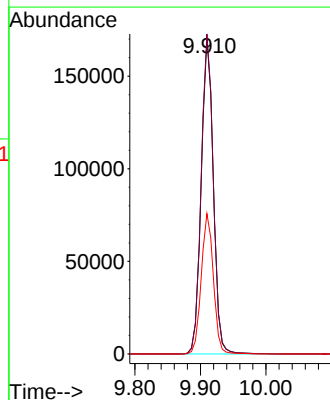
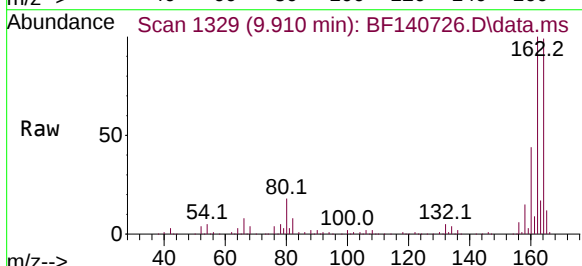
Tgt Ion: 164 Resp: 219573

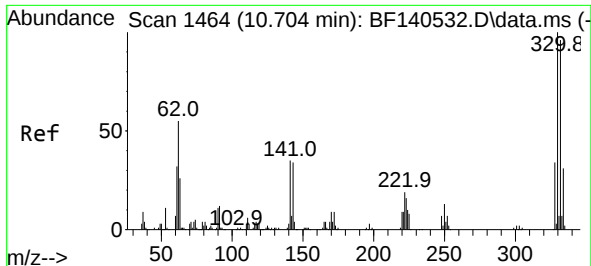
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 160.591 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140726.D

Acq: 04 Dec 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB165356BL

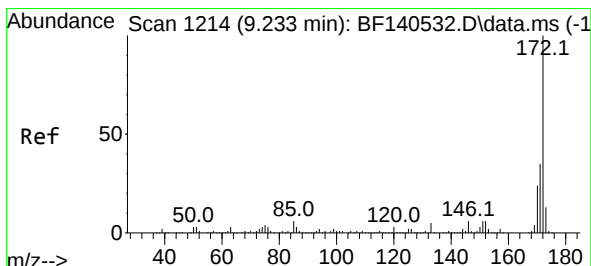
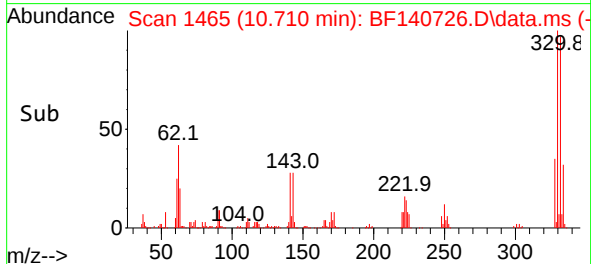
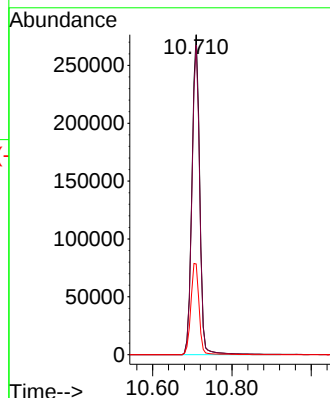
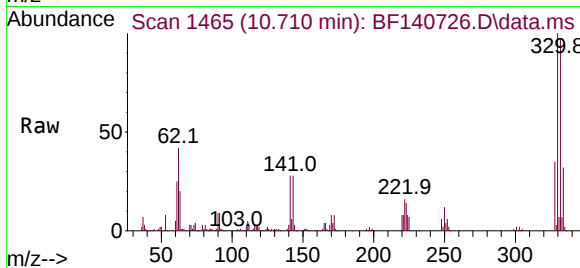
Tgt Ion:330 Resp: 377124

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 30.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 93.283 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140726.D

Acq: 04 Dec 2024 14:01

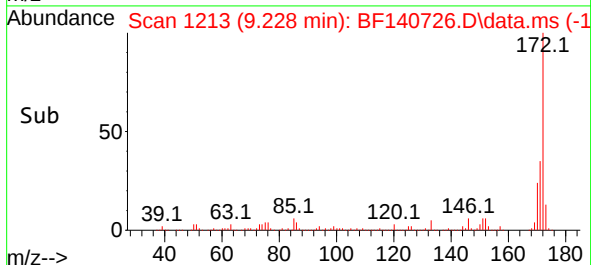
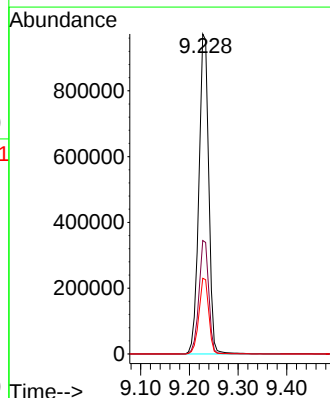
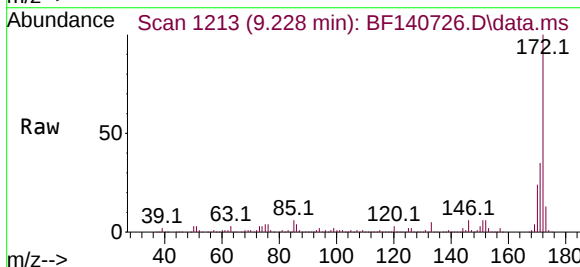
Tgt Ion:172 Resp: 1374719

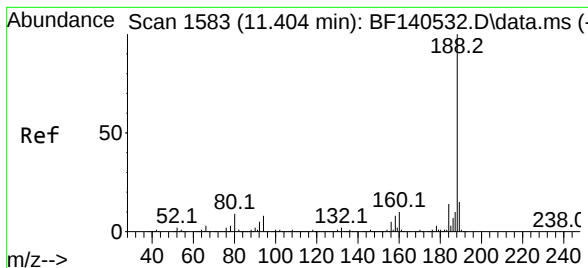
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.0 28.6

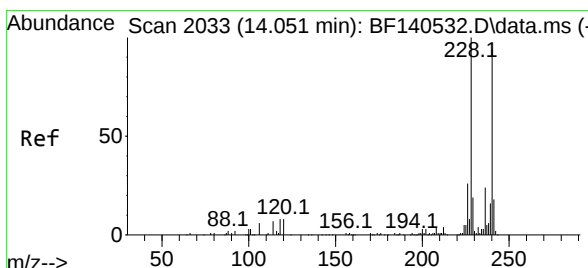
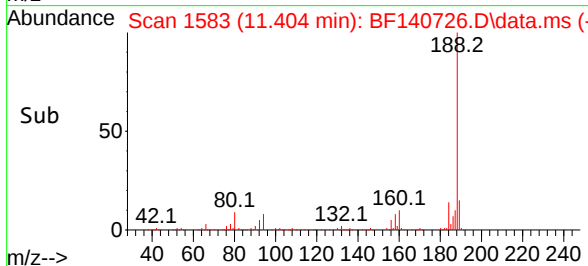
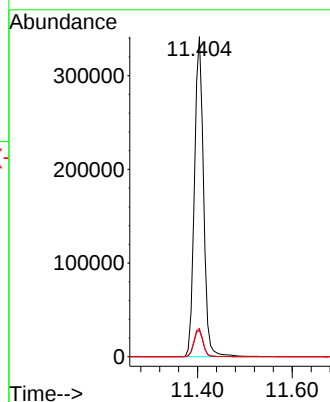
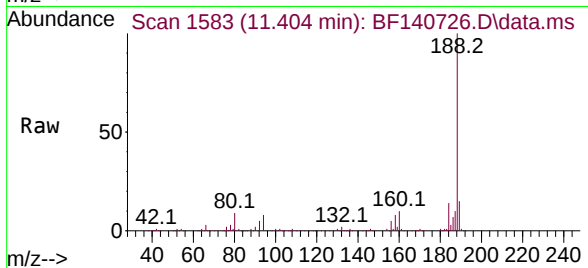




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

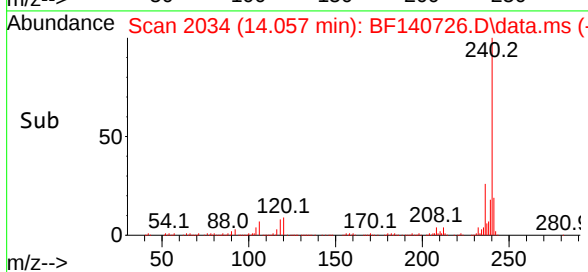
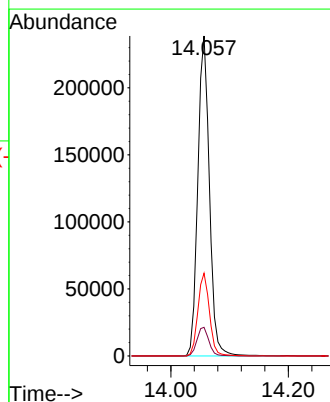
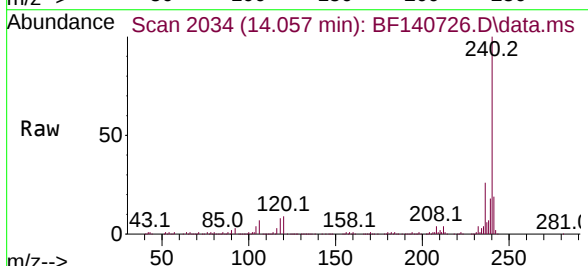
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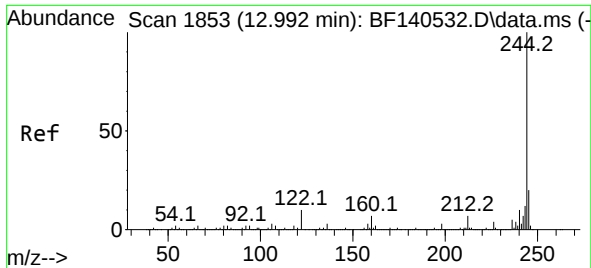
Tgt Ion:188 Resp: 452822
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140726.D
Acq: 04 Dec 2024 14:01

Tgt Ion:240 Resp: 326311
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.9 20.6 31.0

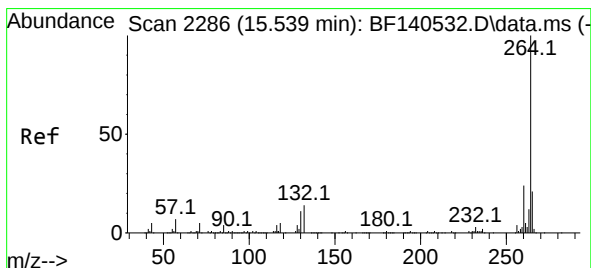
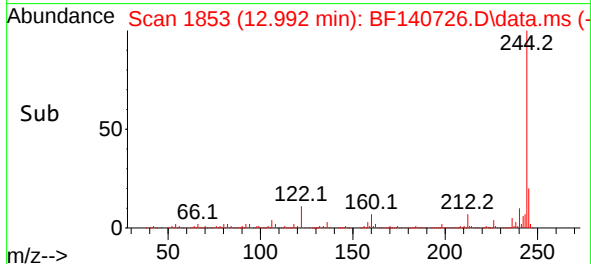
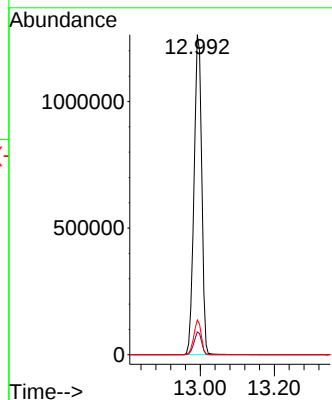
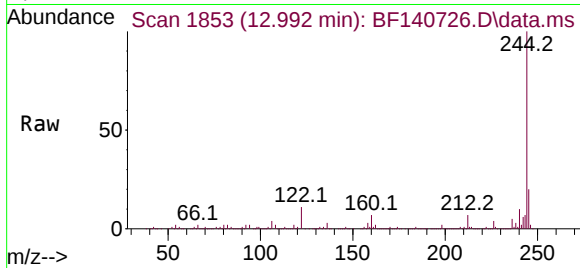




#79
 Terphenyl-d14
 Concen: 86.292 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140726.D
 Acq: 04 Dec 2024 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB165356BL

Tgt Ion:244 Resp: 1808338
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.023 min
 Lab File: BF140726.D
 Acq: 04 Dec 2024 14:01

Tgt Ion:264 Resp: 268136
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.2 16.6 25.0

