

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140851.D
 Acq On : 13 Dec 2024 18:20
 Operator : RC/JU
 Sample : P5245-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016RE

Quant Time: Dec 13 21:42:14 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	30119	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	118469	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	66269	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	135073	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	89628	20.000	ng	-0.01
86) Perylene-d12	15.539	264	85635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	40820	23.124	ng	0.00
7) Phenol-d6	6.504	99	152268	65.247	ng	-0.01
23) Nitrobenzene-d5	7.422	82	129475	55.902	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	2139	3.018	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	296452	66.652	ng	-0.02
79) Terphenyl-d14	12.968	244	368719	64.059	ng	-0.02

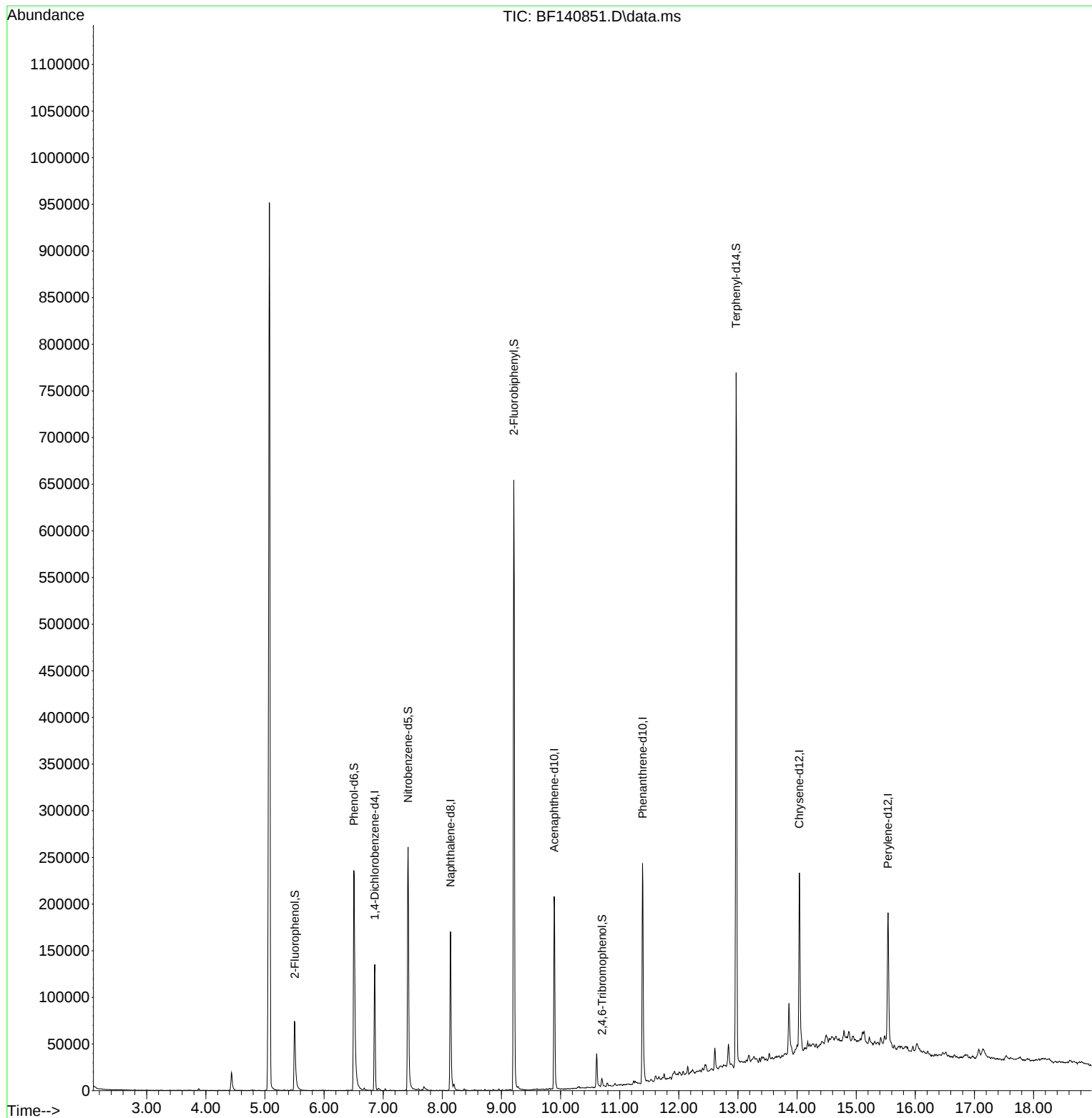
Target Compounds	Qvalue

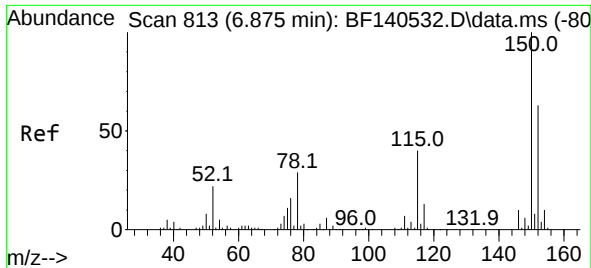
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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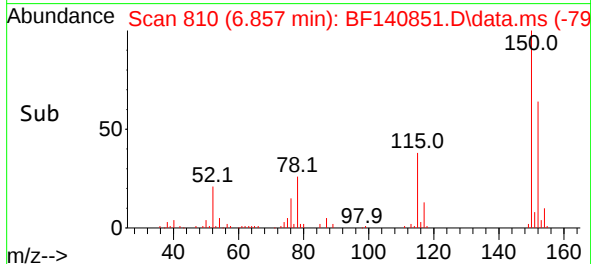
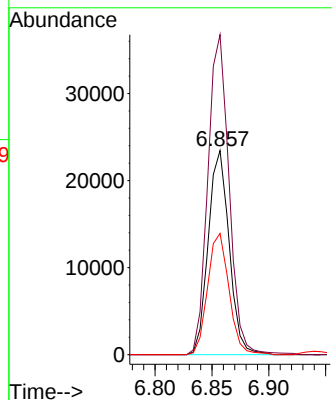
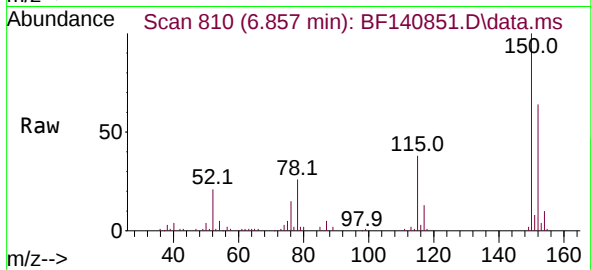




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140851.D
Acq: 13 Dec 2024 18:20

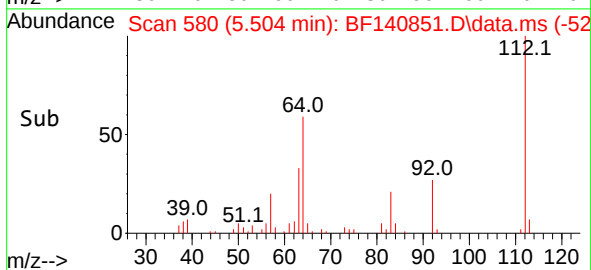
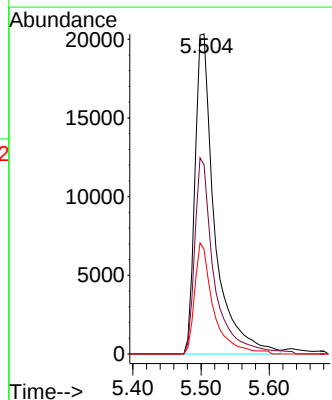
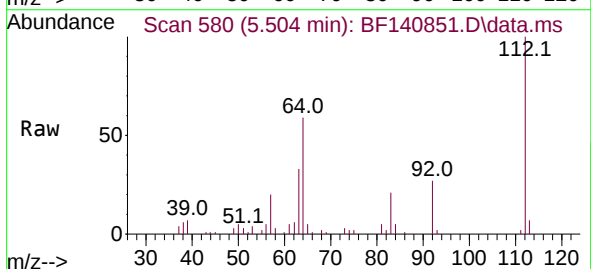
Instrument :
BNA_F
ClientSampleId :
72-12016RE

Tgt Ion:152 Resp: 30119
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 59.4 50.2 75.4



#5
2-Fluorophenol
Concen: 23.124 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140851.D
Acq: 13 Dec 2024 18:20

Tgt Ion:112 Resp: 40820
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 32.7 27.0 40.4

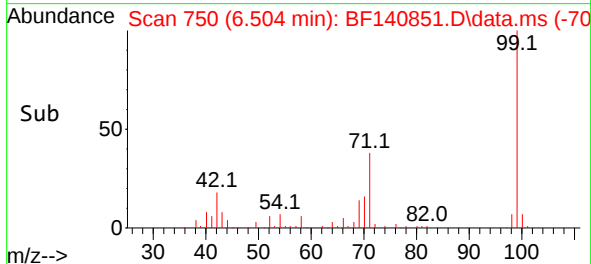
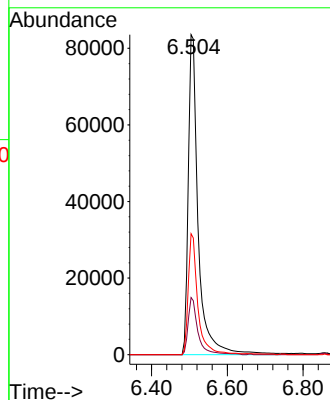
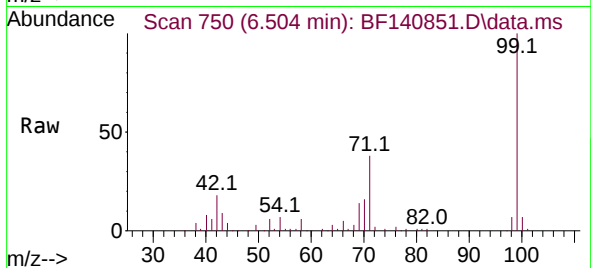




#7
Phenol-d6
Concen: 65.247 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140851.D
Acq: 13 Dec 2024 18:20

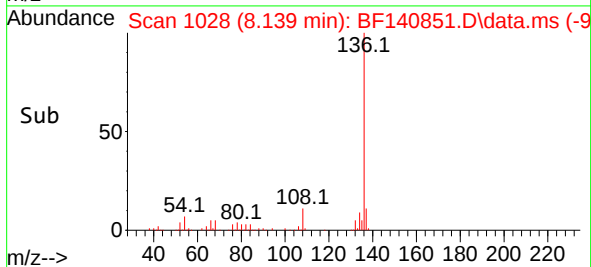
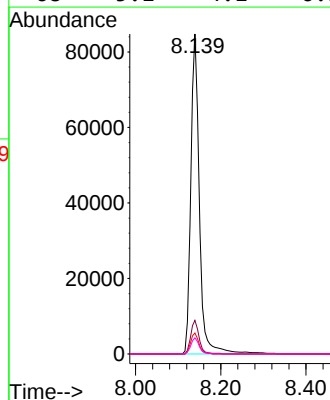
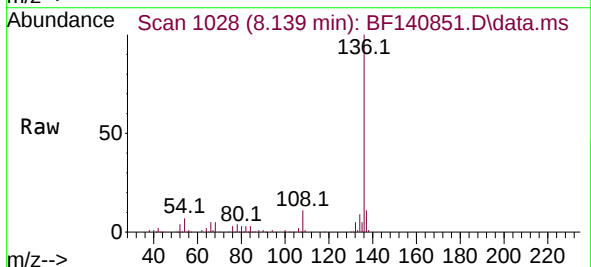
Instrument :
BNA_F
ClientSampleId :
72-12016RE

Tgt Ion: 99 Resp: 152268
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 37.8 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: BF140851.D
Acq: 13 Dec 2024 18:20

Tgt Ion: 136 Resp: 118469
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.6 5.8 8.8
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 55.902 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140851.D

Acq: 13 Dec 2024 18:20

Instrument :

BNA_F

ClientSampleId :

72-12016RE

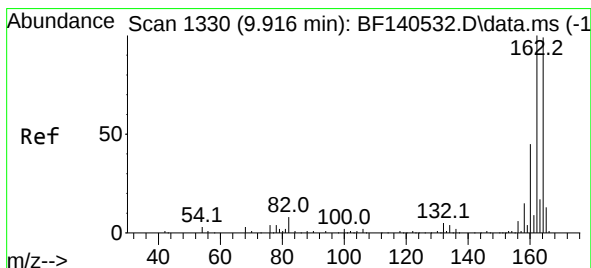
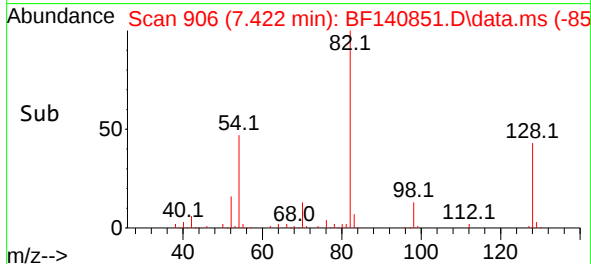
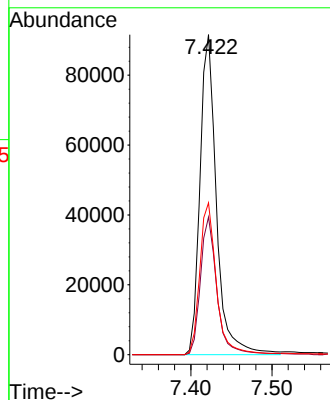
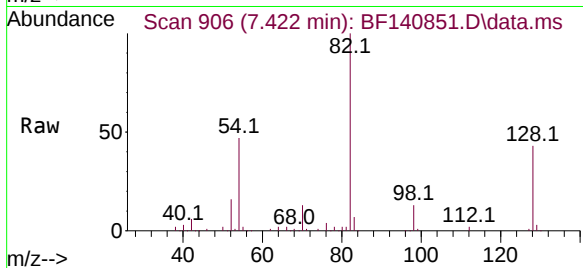
Tgt Ion: 82 Resp: 129475

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

54 47.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.024 min

Lab File: BF140851.D

Acq: 13 Dec 2024 18:20

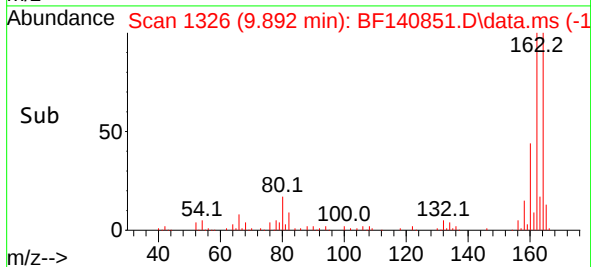
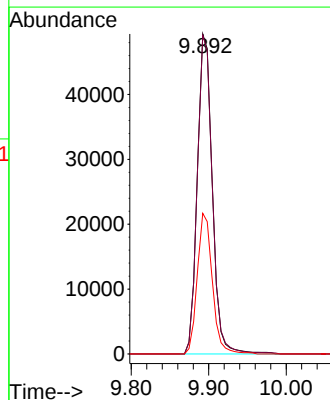
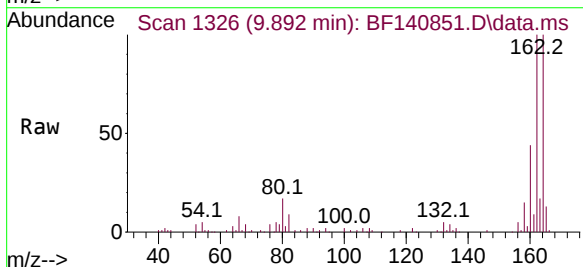
Tgt Ion:164 Resp: 66269

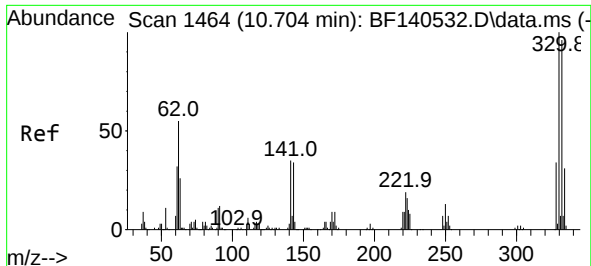
Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 3.018 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140851.D

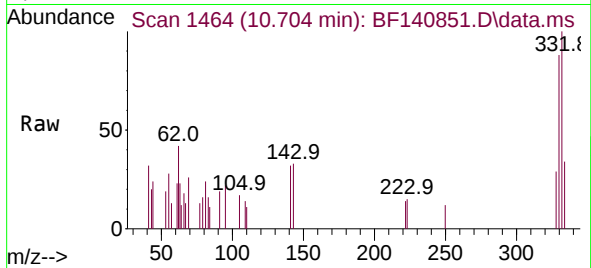
Acq: 13 Dec 2024 18:20

Instrument :

BNA_F

ClientSampleId :

72-12016RE



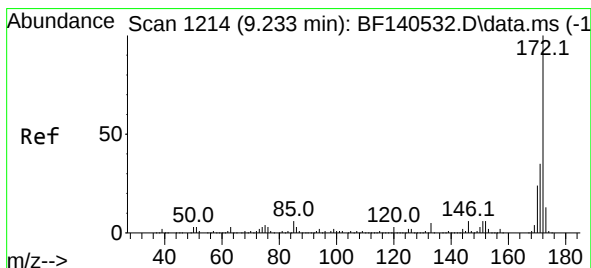
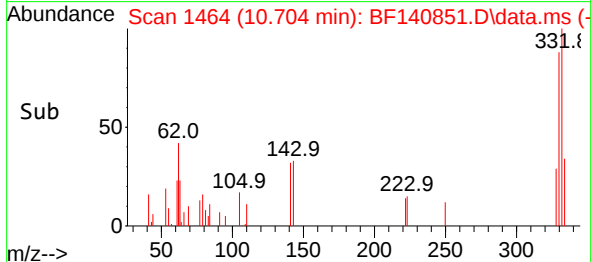
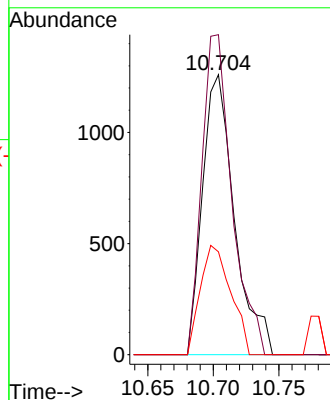
Tgt Ion:330 Resp: 2139

Ion Ratio Lower Upper

330 100

332 107.3 76.9 115.3

141 37.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 66.652 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.024 min

Lab File: BF140851.D

Acq: 13 Dec 2024 18:20

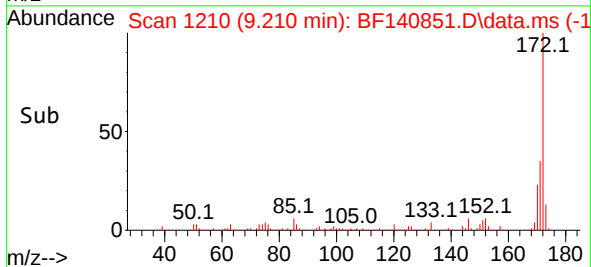
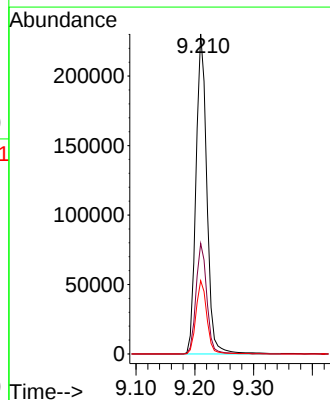
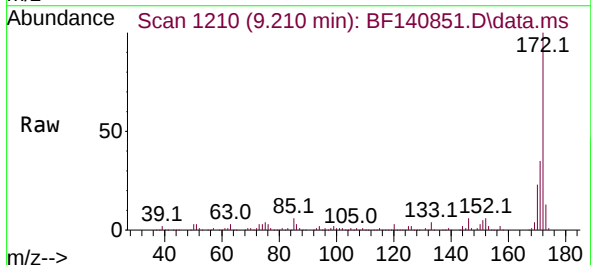
Tgt Ion:172 Resp: 296452

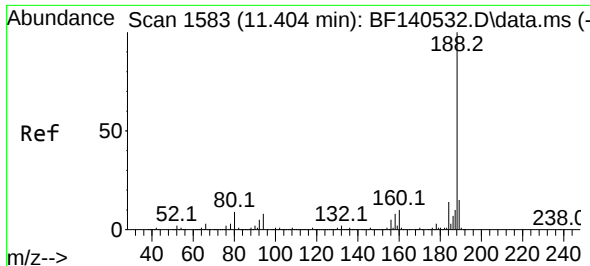
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 22.9 19.0 28.6

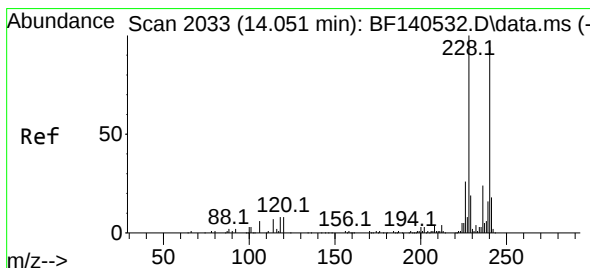
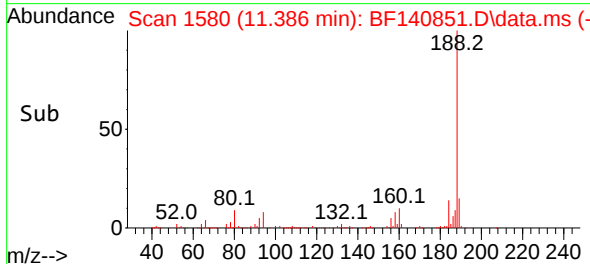
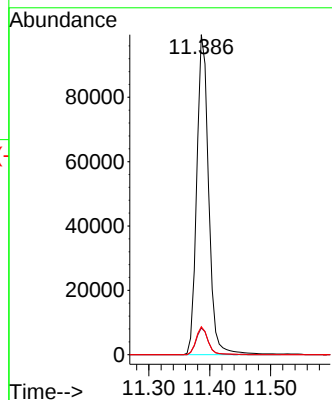
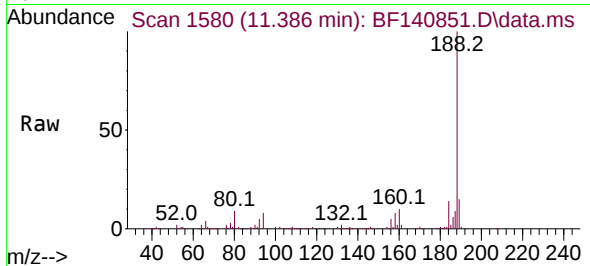




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140851.D
Acq: 13 Dec 2024 18:20

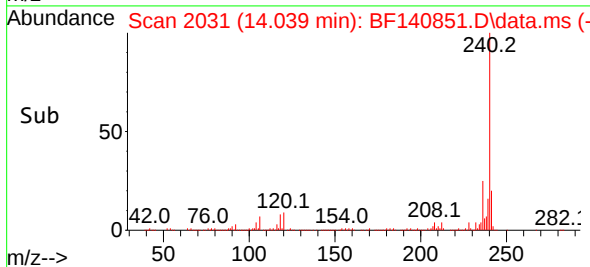
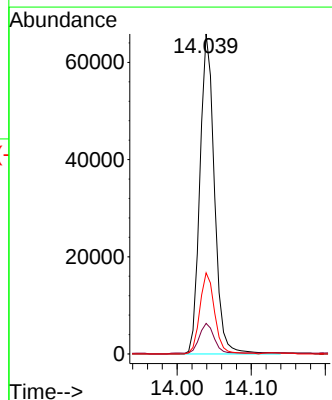
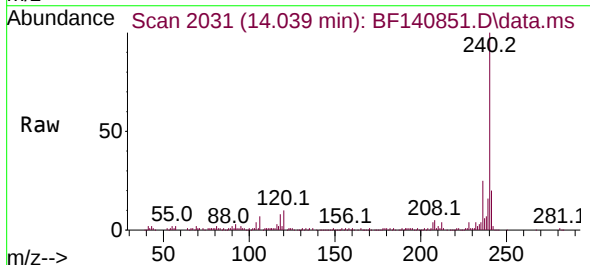
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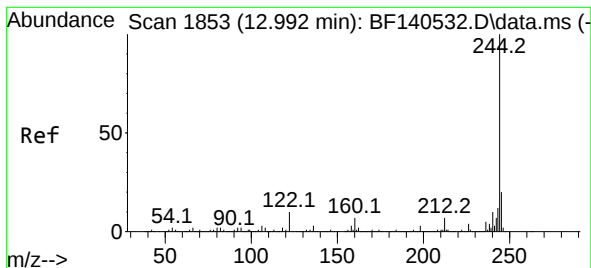
Tgt Ion:188 Resp: 135073
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140851.D
Acq: 13 Dec 2024 18:20

Tgt Ion:240 Resp: 89628
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 64.059 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.024 min

Lab File: BF140851.D

Acq: 13 Dec 2024 18:20

Instrument :

BNA_F

ClientSampleId :

72-12016RE

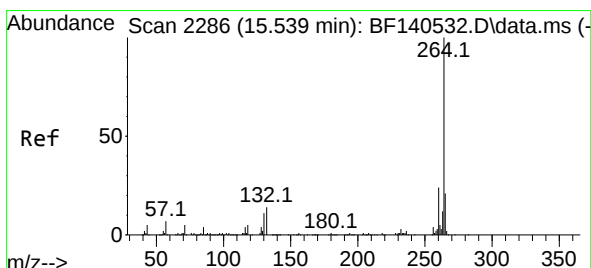
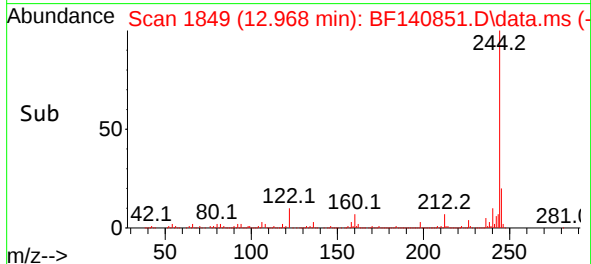
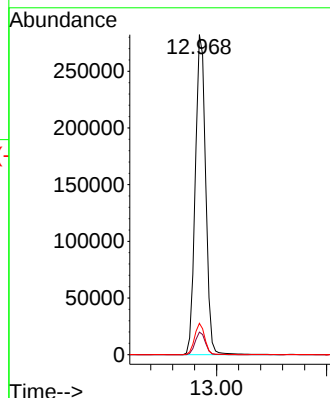
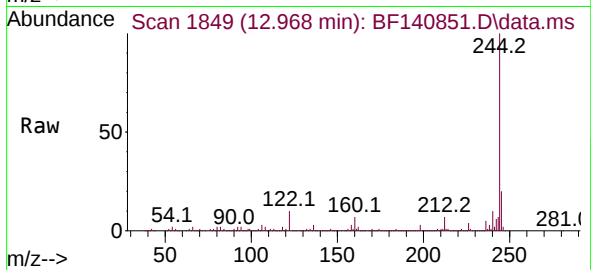
Tgt Ion:244 Resp: 368719

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: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140851.D

Acq: 13 Dec 2024 18:20

Tgt Ion:264 Resp: 85635

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 22.1 16.6 25.0

