

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140847.D
 Acq On : 13 Dec 2024 16:36
 Operator : RC/JU
 Sample : P5239-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1RE

Quant Time: Dec 13 17:56:18 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	28172	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	106495	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	58905	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	116016	20.000	ng	-0.02
76) Chrysene-d12	14.045	240	79381	20.000	ng	0.00
86) Perylene-d12	15.545	264	76682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	154183	93.379	ng	-0.01
7) Phenol-d6	6.504	99	206153	94.442	ng	-0.01
23) Nitrobenzene-d5	7.422	82	128503	61.721	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	63289	100.460	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	252478	63.862	ng	-0.02
79) Terphenyl-d14	12.969	244	284220	55.752	ng	-0.02

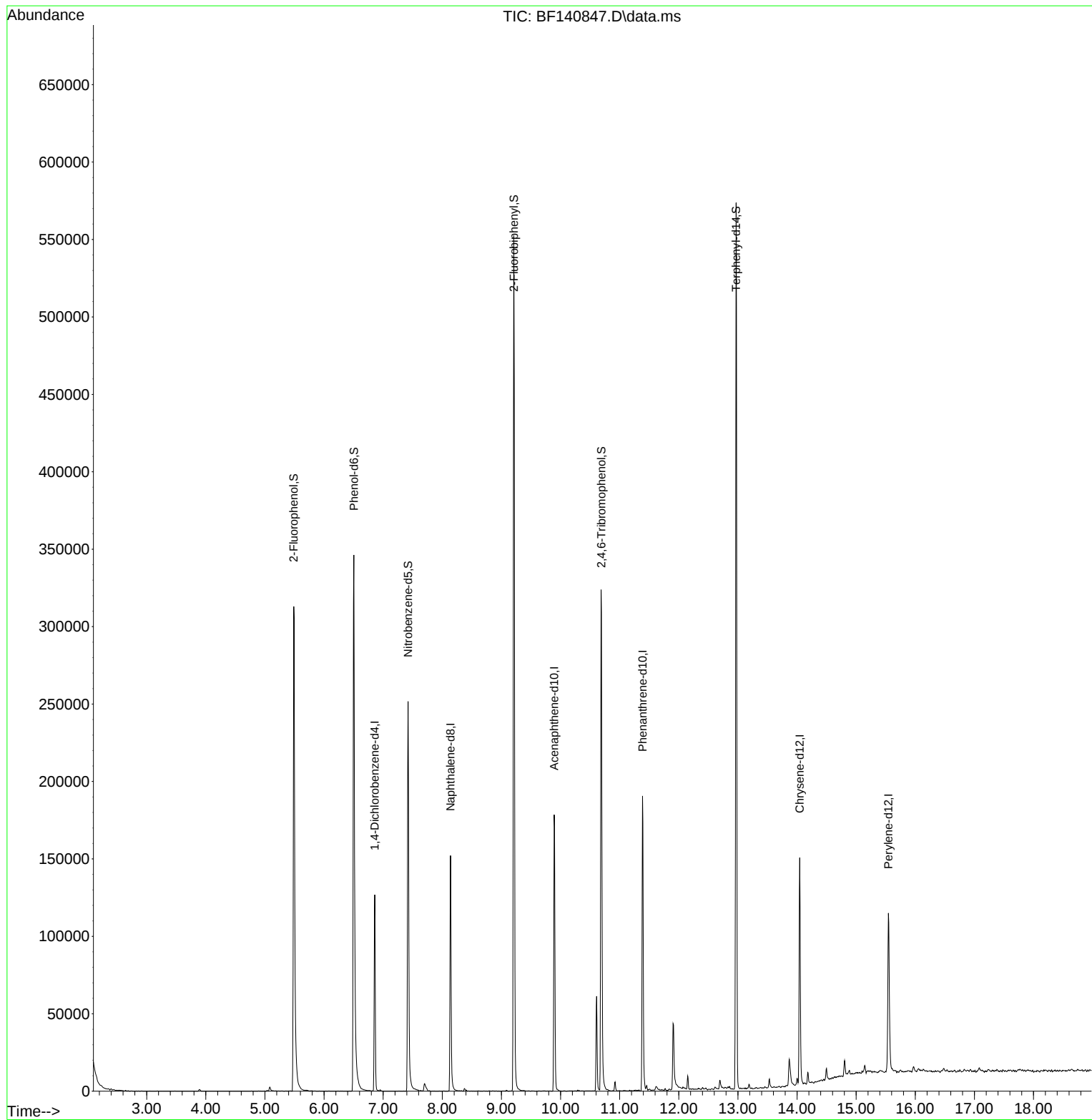
Target Compounds	Qvalue

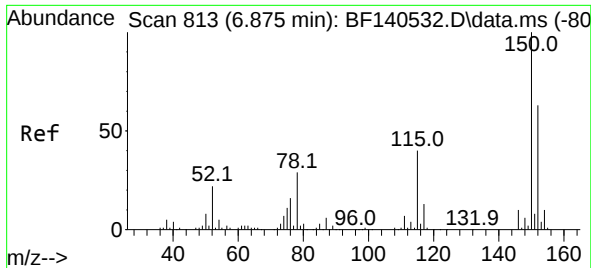
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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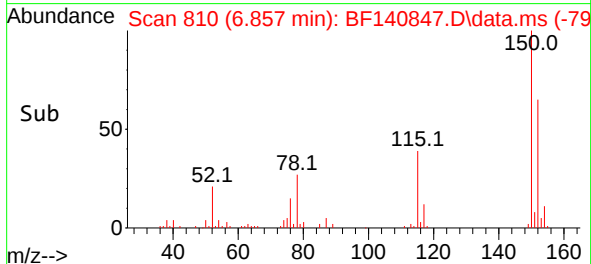
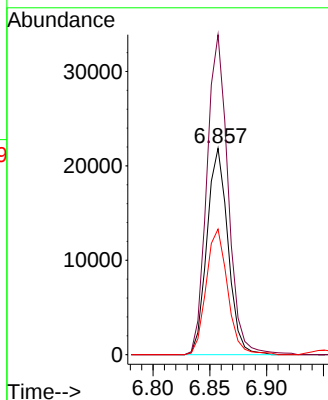
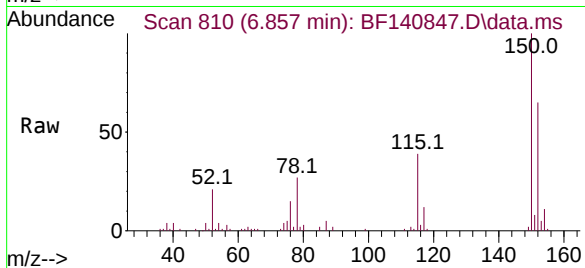




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

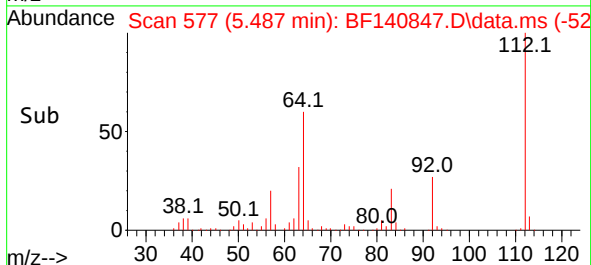
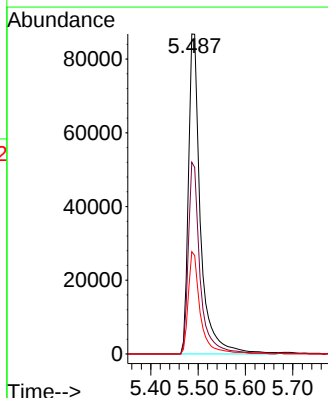
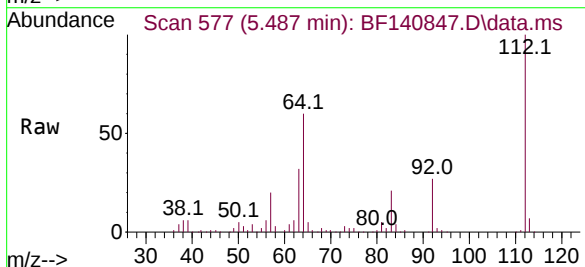
Instrument :
BNA_F
ClientSampleId :
WC-1RE

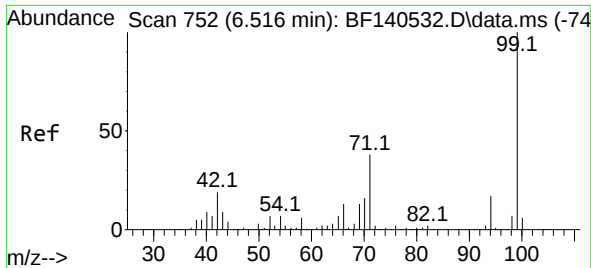
Tgt Ion:152 Resp: 28172
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 93.379 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:112 Resp: 154183
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.0 27.0 40.4

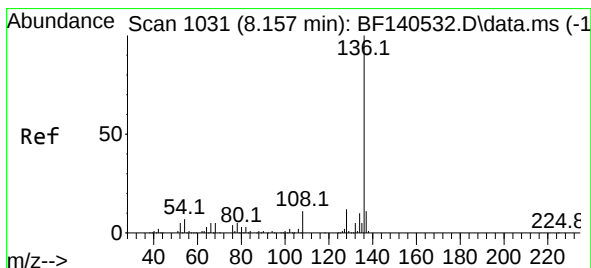
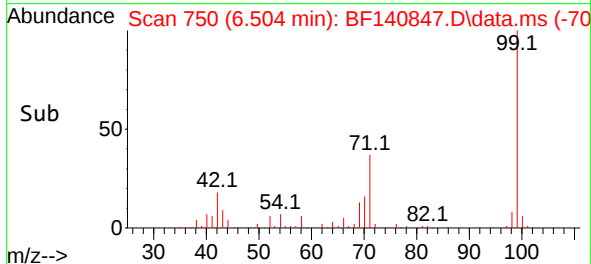
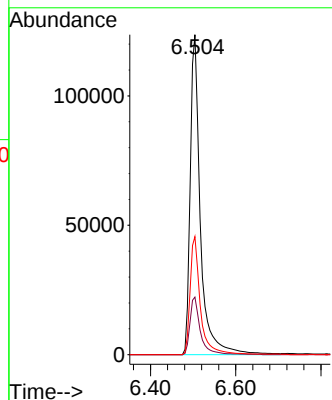
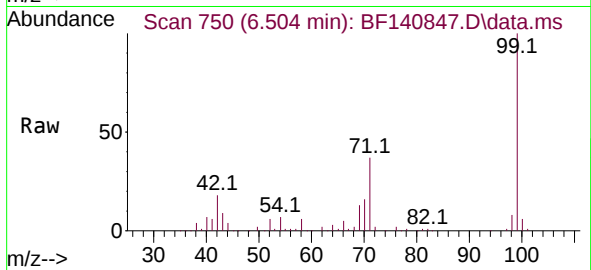




#7
Phenol-d6
Concen: 94.442 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

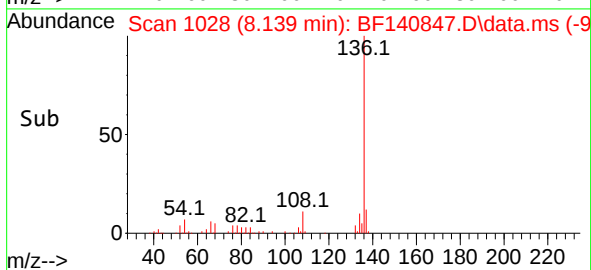
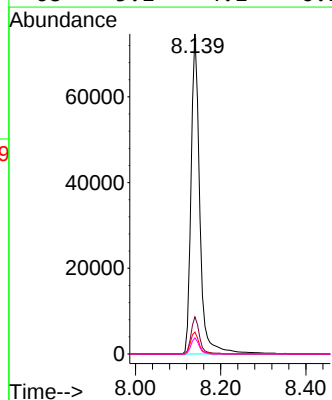
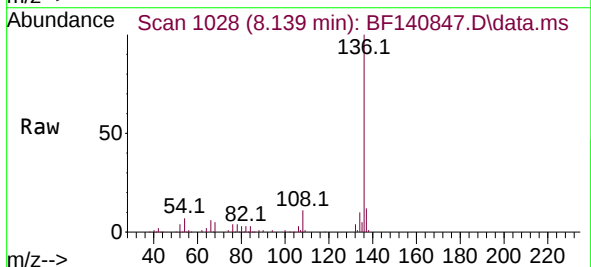
Instrument :
BNA_F
ClientSampleId :
WC-1RE

Tgt Ion: 99 Resp: 206153
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 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: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion: 136 Resp: 106495
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 6.9 5.8 8.8
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 61.721 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Instrument :

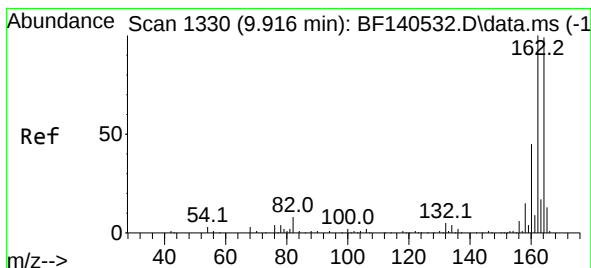
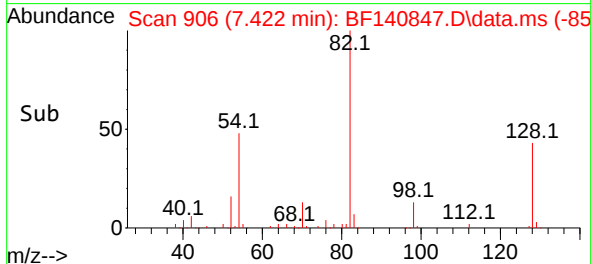
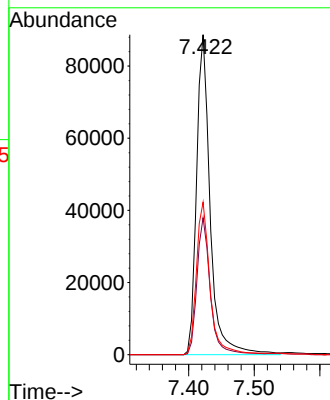
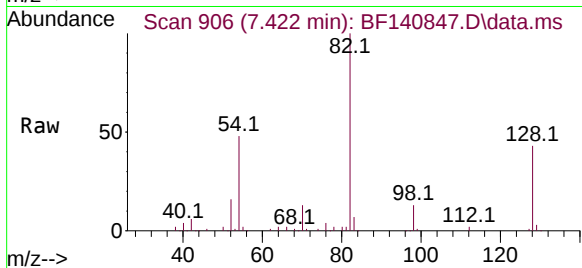
BNA_F

ClientSampleId :

WC-1RE

Tgt Ion: 82 Resp: 128503

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	47.7	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1326

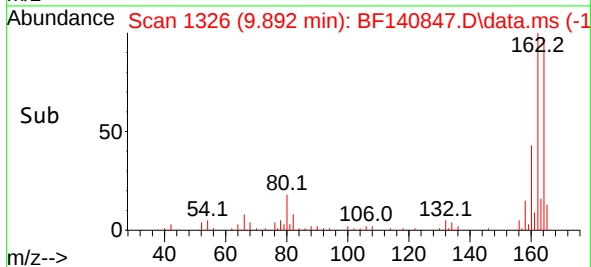
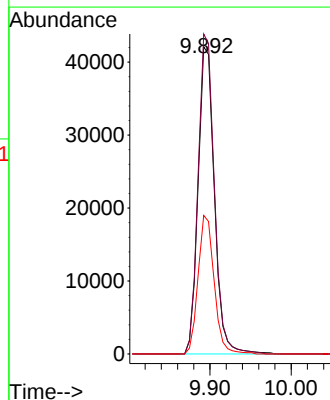
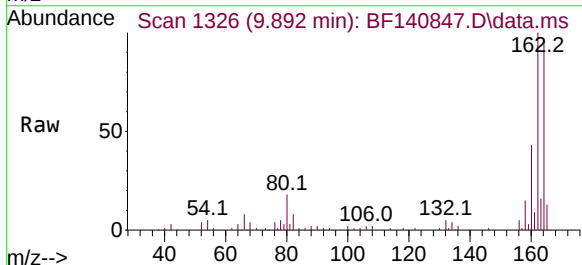
Delta R.T. -0.023 min

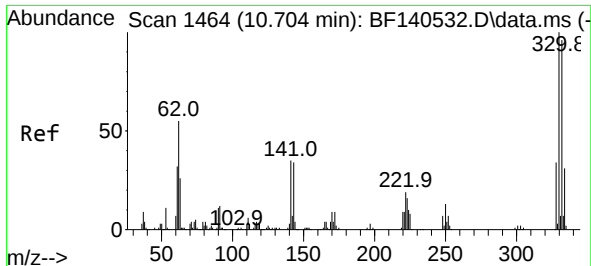
Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Tgt Ion:164 Resp: 58905

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	45.1	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 100.460 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Instrument :

BNA_F

ClientSampleId :

WC-1RE

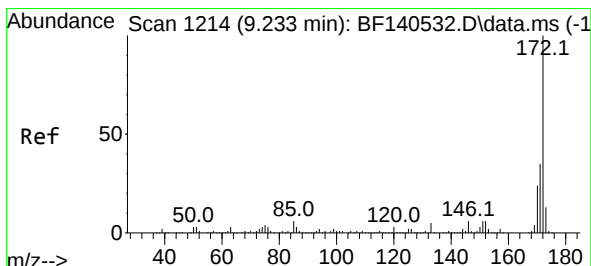
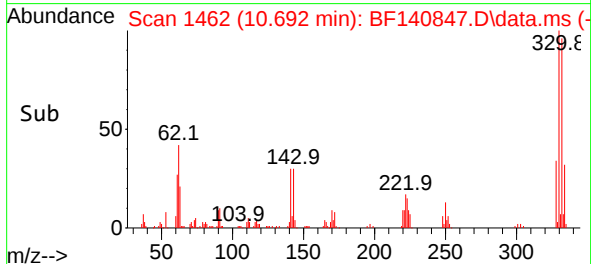
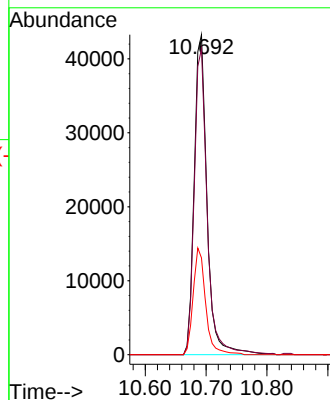
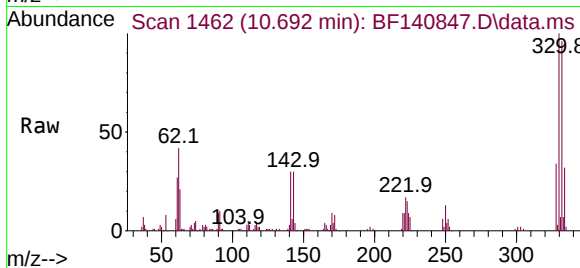
Tgt Ion:330 Resp: 63289

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 32.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 63.862 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.023 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

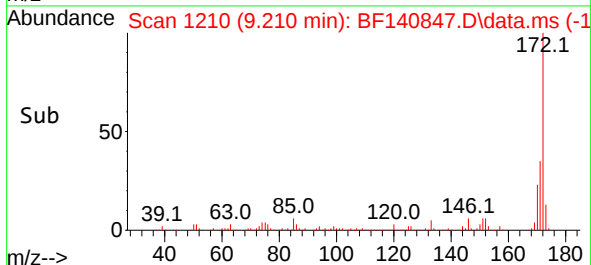
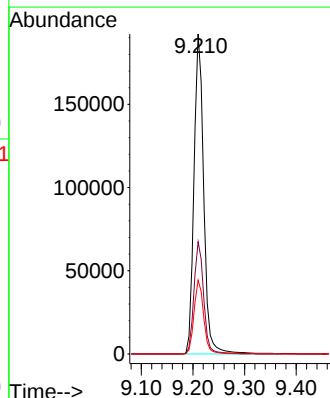
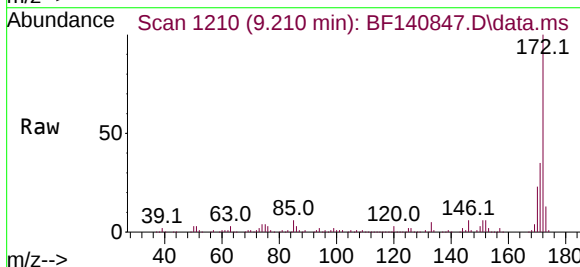
Tgt Ion:172 Resp: 252478

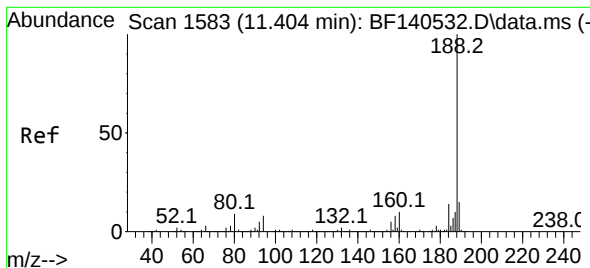
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Instrument :

BNA_F

ClientSampleId :

WC-1RE

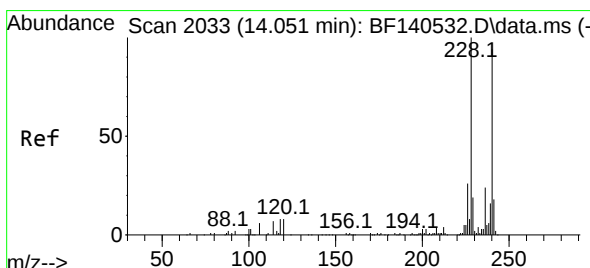
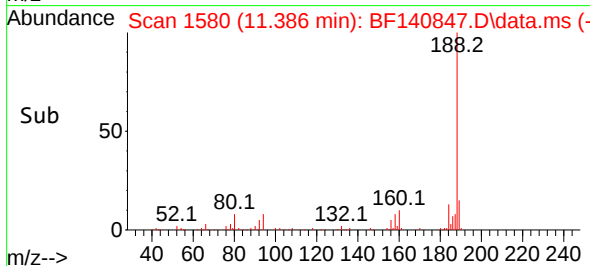
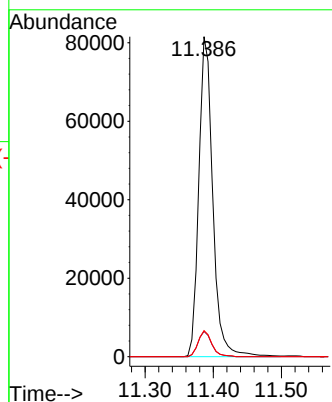
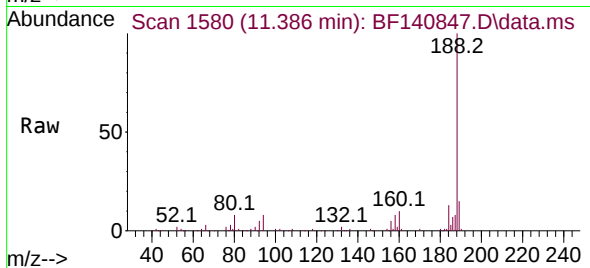
Tgt Ion:188 Resp: 116016

Ion Ratio Lower Upper

188 100

94 7.9 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: BF140847.D

Acq: 13 Dec 2024 16:36

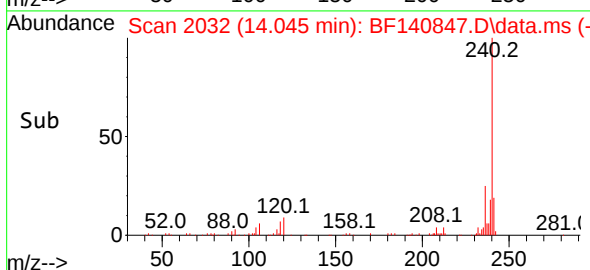
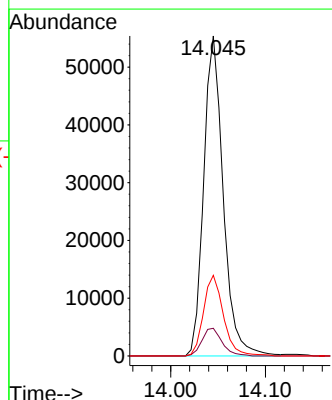
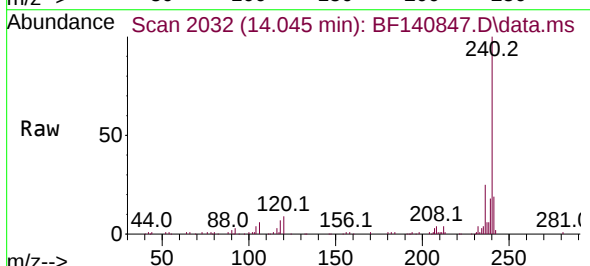
Tgt Ion:240 Resp: 79381

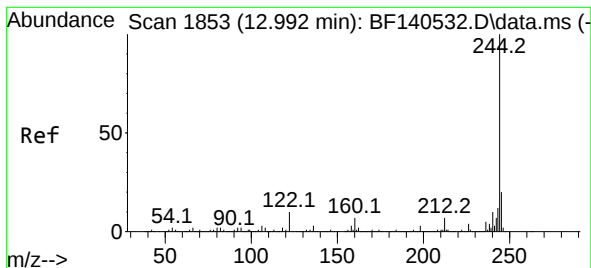
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 55.752 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.023 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Instrument :

BNA_F

ClientSampleId :

WC-1RE

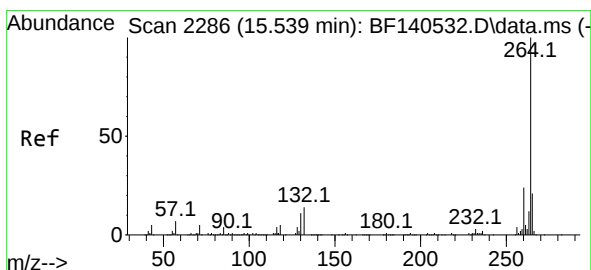
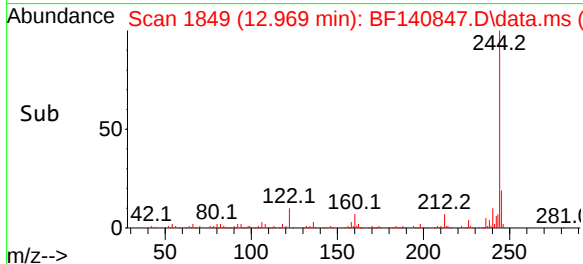
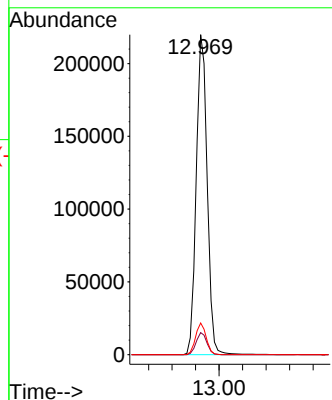
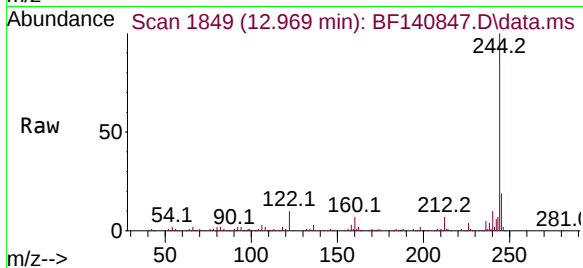
Tgt Ion:244 Resp: 284220

Ion Ratio Lower Upper

244 100

212 6.9 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: BF140847.D

Acq: 13 Dec 2024 16:36

Tgt Ion:264 Resp: 76682

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 20.9 16.6 25.0

