

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140844.D
 Acq On : 13 Dec 2024 15:18
 Operator : RC/JU
 Sample : P5239-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Dec 13 16:41:54 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	40799	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	153137	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	90893	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	191617	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	119876	20.000	ng	0.00
86) Perylene-d12	15.574	264	133401	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	328309	137.298	ng	0.00
7) Phenol-d6	6.504	99	419804	132.798	ng	-0.01
23) Nitrobenzene-d5	7.422	82	288916	96.503	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	164401	169.118	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	591833	97.015	ng	-0.02
79) Terphenyl-d14	12.974	244	790418	102.671	ng	-0.02

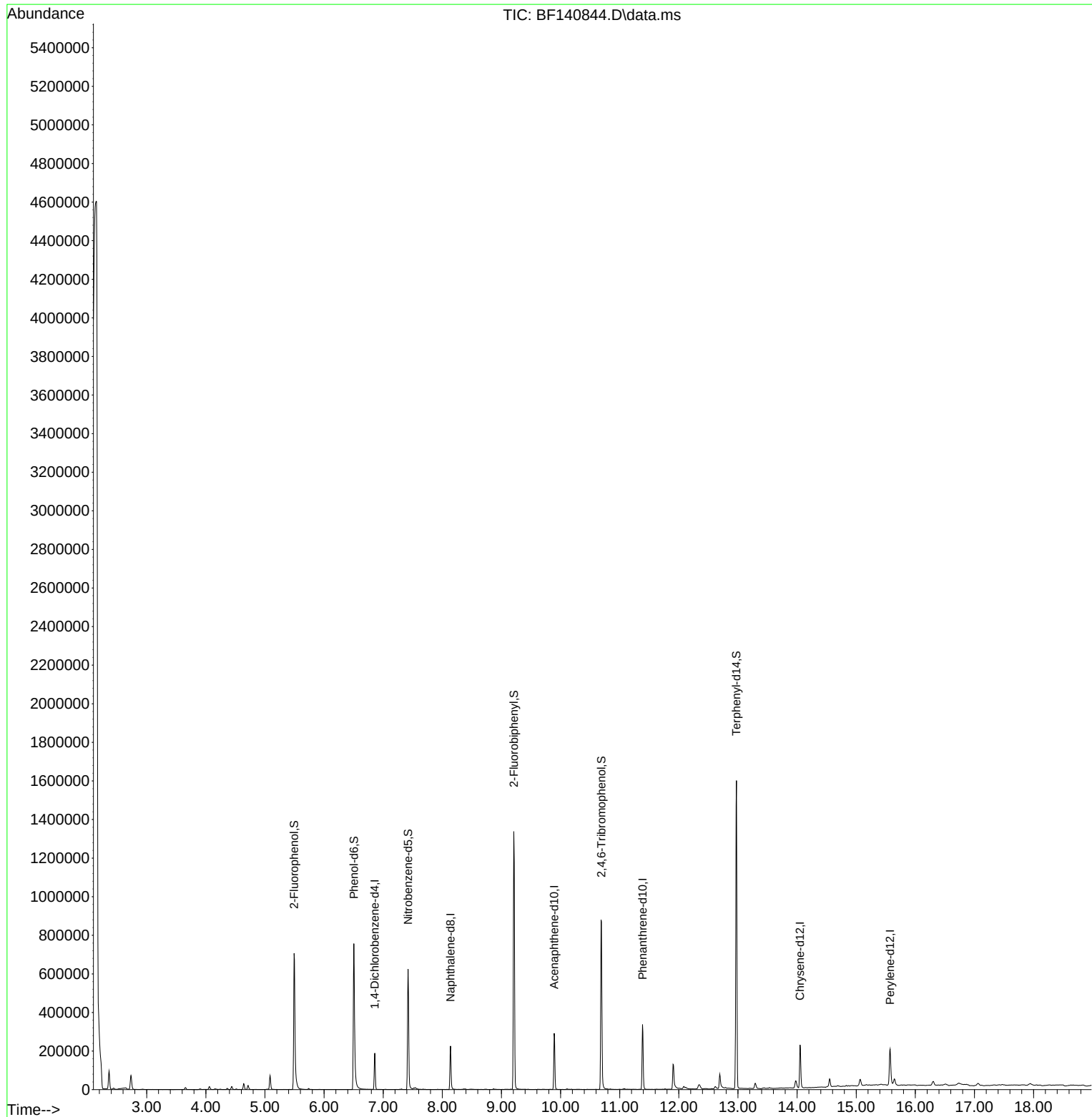
Target Compounds	Qvalue

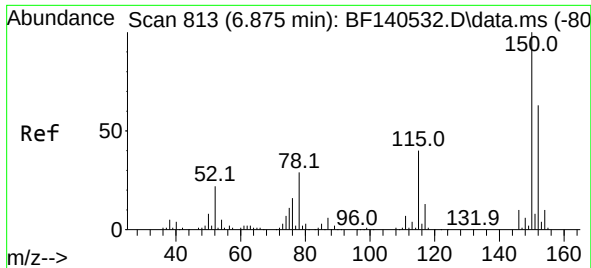
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140844.D
Acq On : 13 Dec 2024 15:18
Operator : RC/JU
Sample : P5239-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Dec 13 16:41:54 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

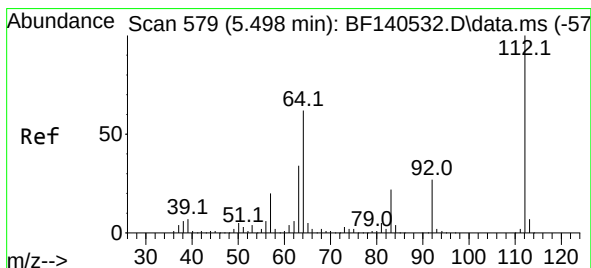
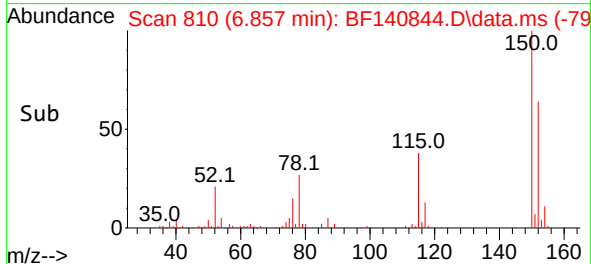
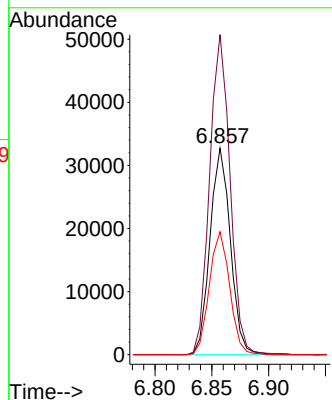
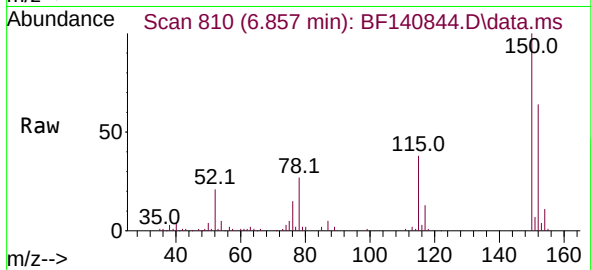




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

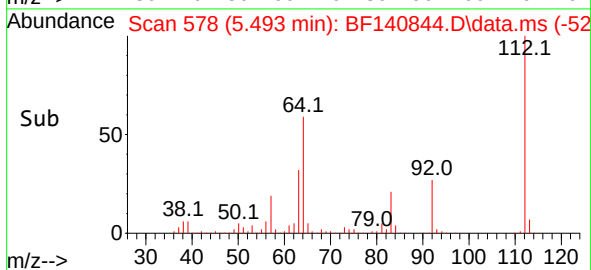
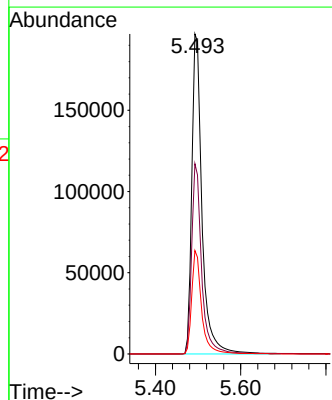
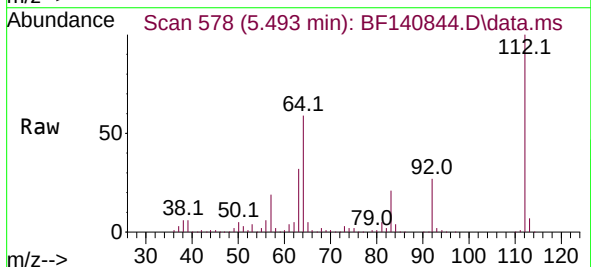
Instrument :
BNA_F
ClientSampleId :
WC-1

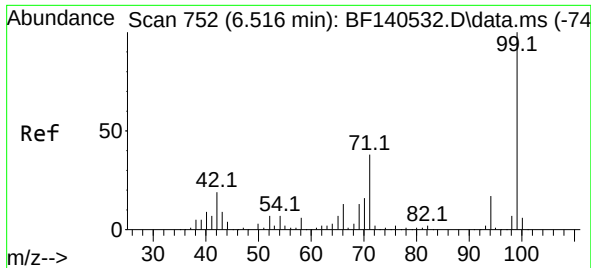
Tgt Ion:152 Resp: 40799
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 59.6 50.2 75.4



#5
2-Fluorophenol
Concen: 137.298 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

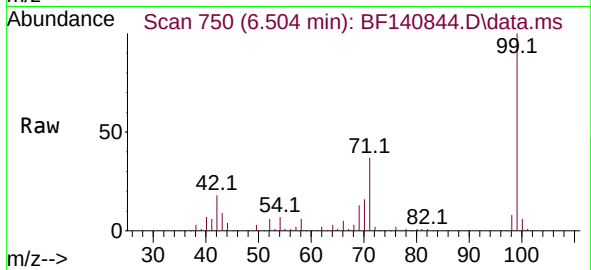
Tgt Ion:112 Resp: 328309
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 32.3 27.0 40.4





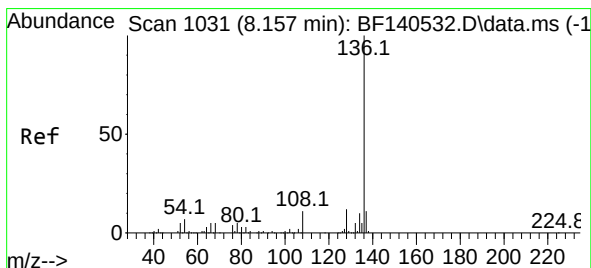
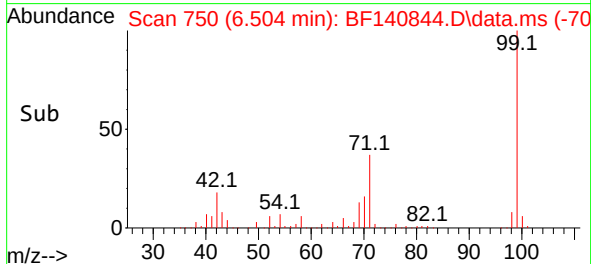
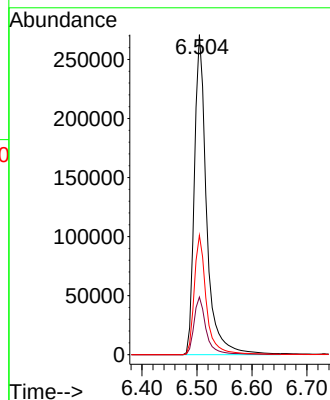
#7
Phenol-d6
Concen: 132.798 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 419804

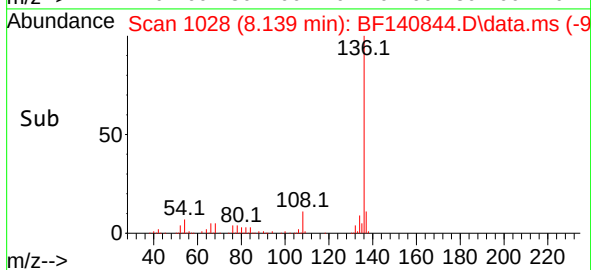
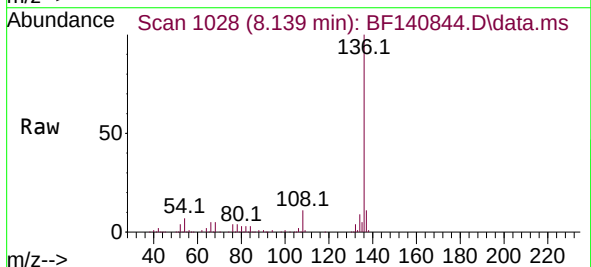
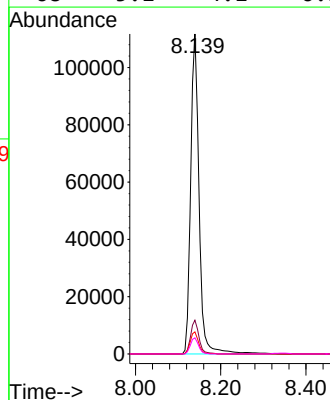
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	37.3	30.6	46.0

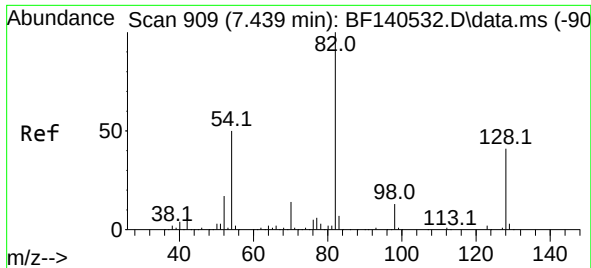


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

Tgt Ion: 136 Resp: 153137

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.9	5.8	8.8
68	5.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 96.503 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF140844.D

Acq: 13 Dec 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

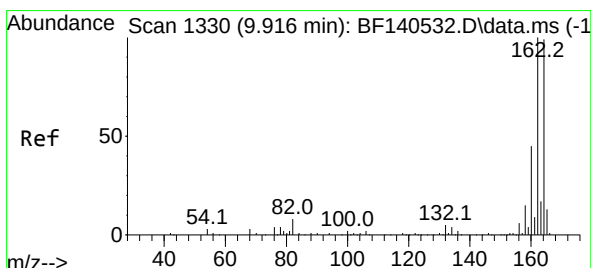
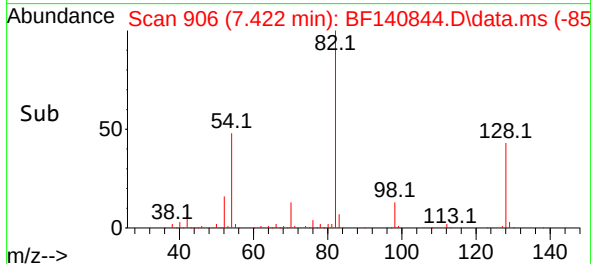
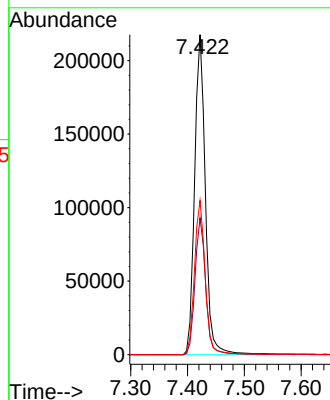
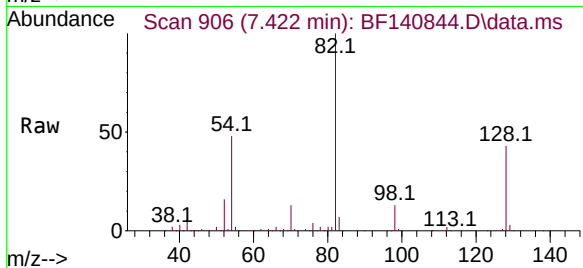
Tgt Ion: 82 Resp: 288916

Ion Ratio Lower Upper

82 100

128 42.8 33.0 49.4

54 48.2 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: BF140844.D

Acq: 13 Dec 2024 15:18

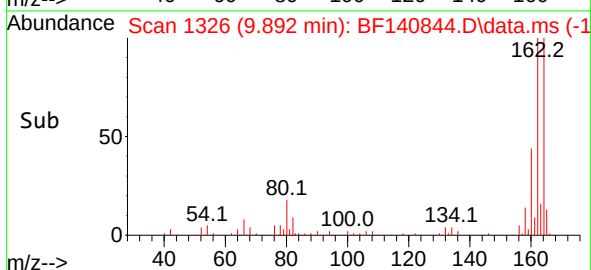
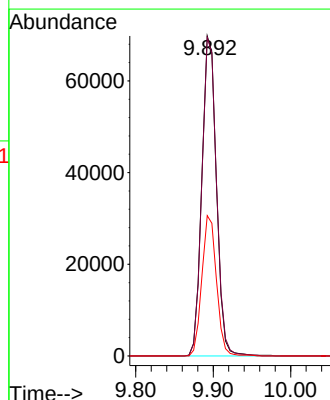
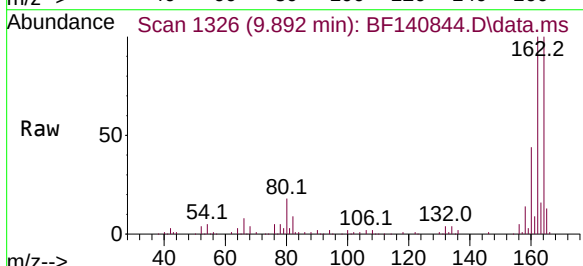
Tgt Ion:164 Resp: 90893

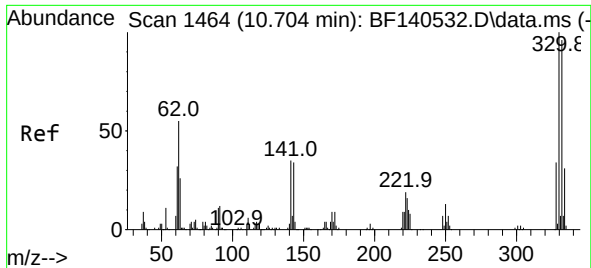
Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

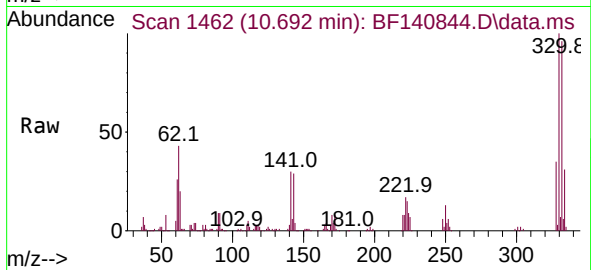
160 43.9 36.2 54.4



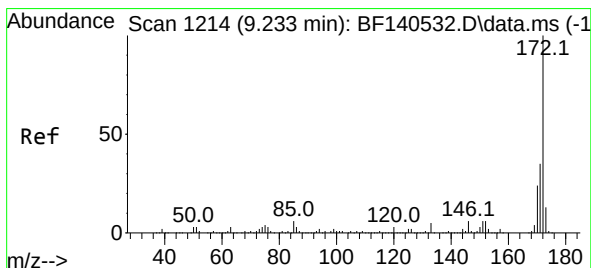
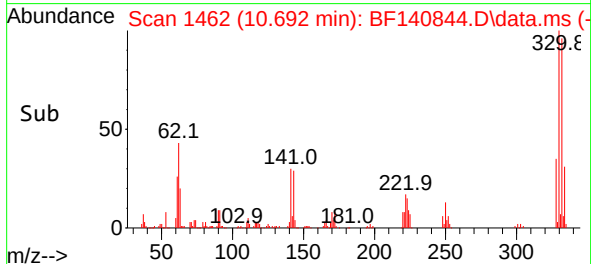
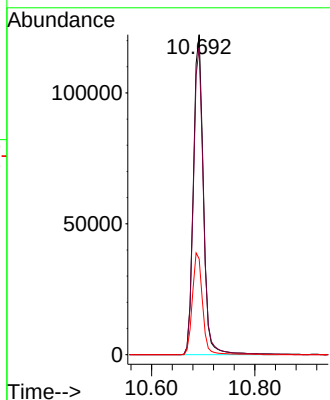


#42
2,4,6-Tribromophenol
Concen: 169.118 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

Instrument :
BNA_F
ClientSampleId :
WC-1

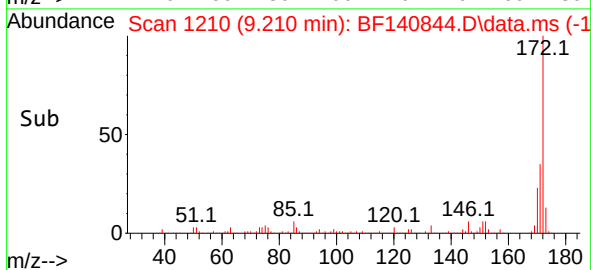
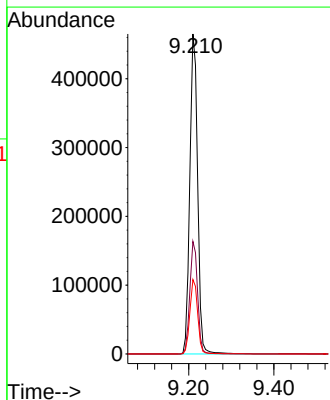
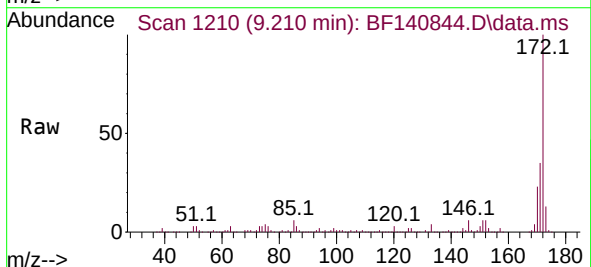


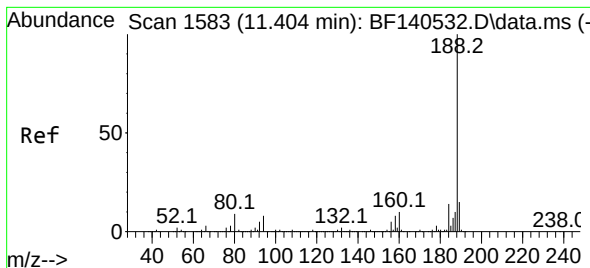
Tgt Ion: 330 Resp: 164401
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 97.015 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.024 min
Lab File: BF140844.D
Acq: 13 Dec 2024 15:18

Tgt Ion: 172 Resp: 591833
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 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: BF140844.D

Acq: 13 Dec 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

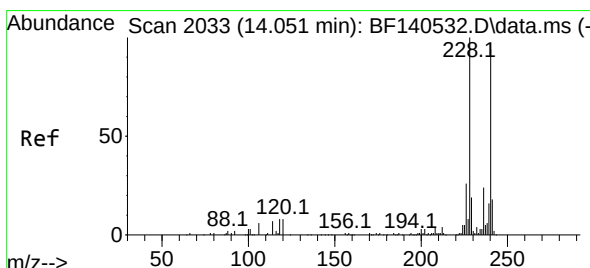
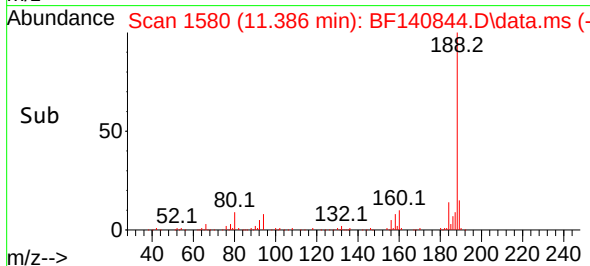
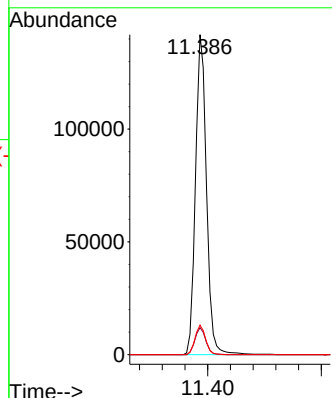
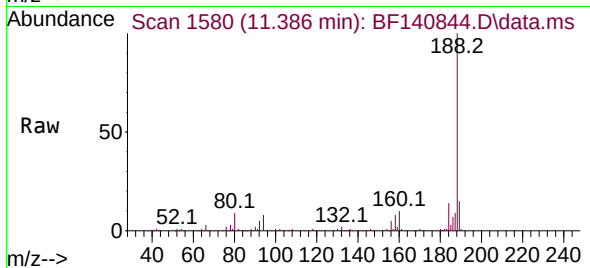
Tgt Ion:188 Resp: 191617

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140844.D

Acq: 13 Dec 2024 15:18

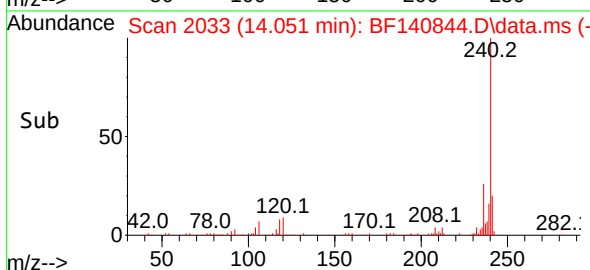
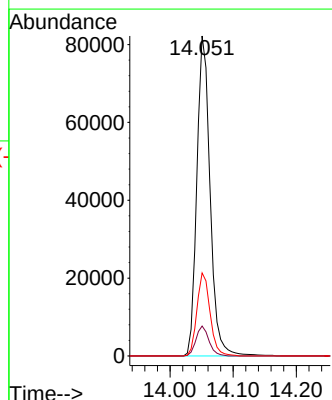
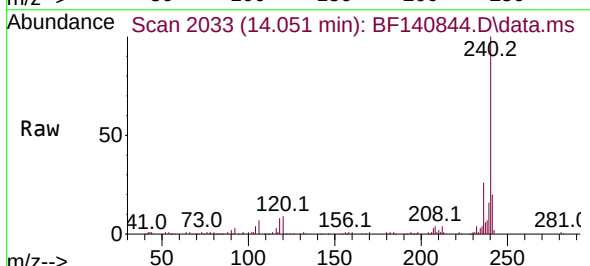
Tgt Ion:240 Resp: 119876

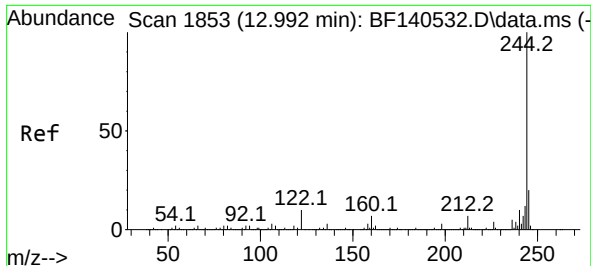
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 26.0 20.6 31.0

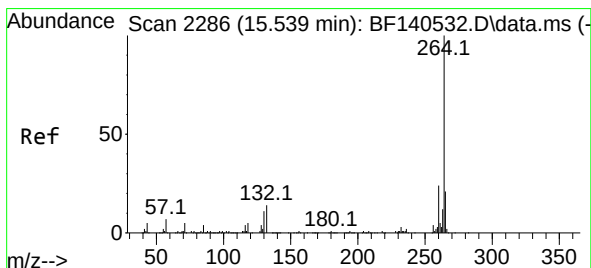
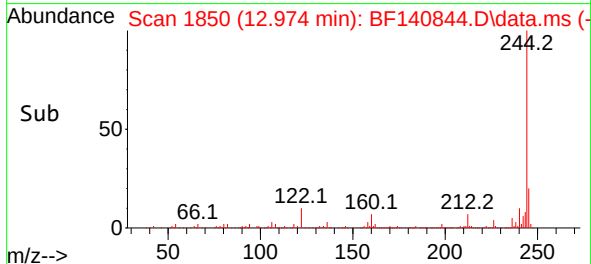
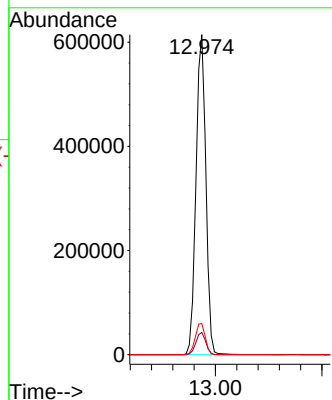
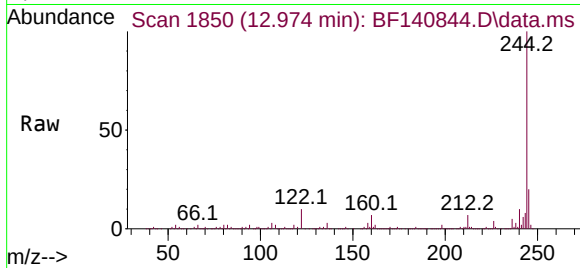




#79
 Terphenyl-d14
 Concen: 102.671 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140844.D
 Acq: 13 Dec 2024 15:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 790418
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.035 min
 Lab File: BF140844.D
 Acq: 13 Dec 2024 15:18

Tgt Ion:264 Resp: 133401
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.2 16.6 25.0

