

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140843.D
 Acq On : 13 Dec 2024 14:32
 Operator : RC/JU
 Sample : PB165558TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165558TB

Quant Time: Dec 13 16:37:03 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	62007	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	236216	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	139268	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	271237	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	145005	20.000	ng	0.00
86) Perylene-d12	15.562	264	137029	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	557002	153.267	ng	0.00
7) Phenol-d6	6.504	99	699067	145.503	ng	-0.01
23) Nitrobenzene-d5	7.422	82	463257	100.314	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	222856	149.620	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	962099	102.929	ng	-0.02
79) Terphenyl-d14	12.974	244	1085912	116.610	ng	-0.02

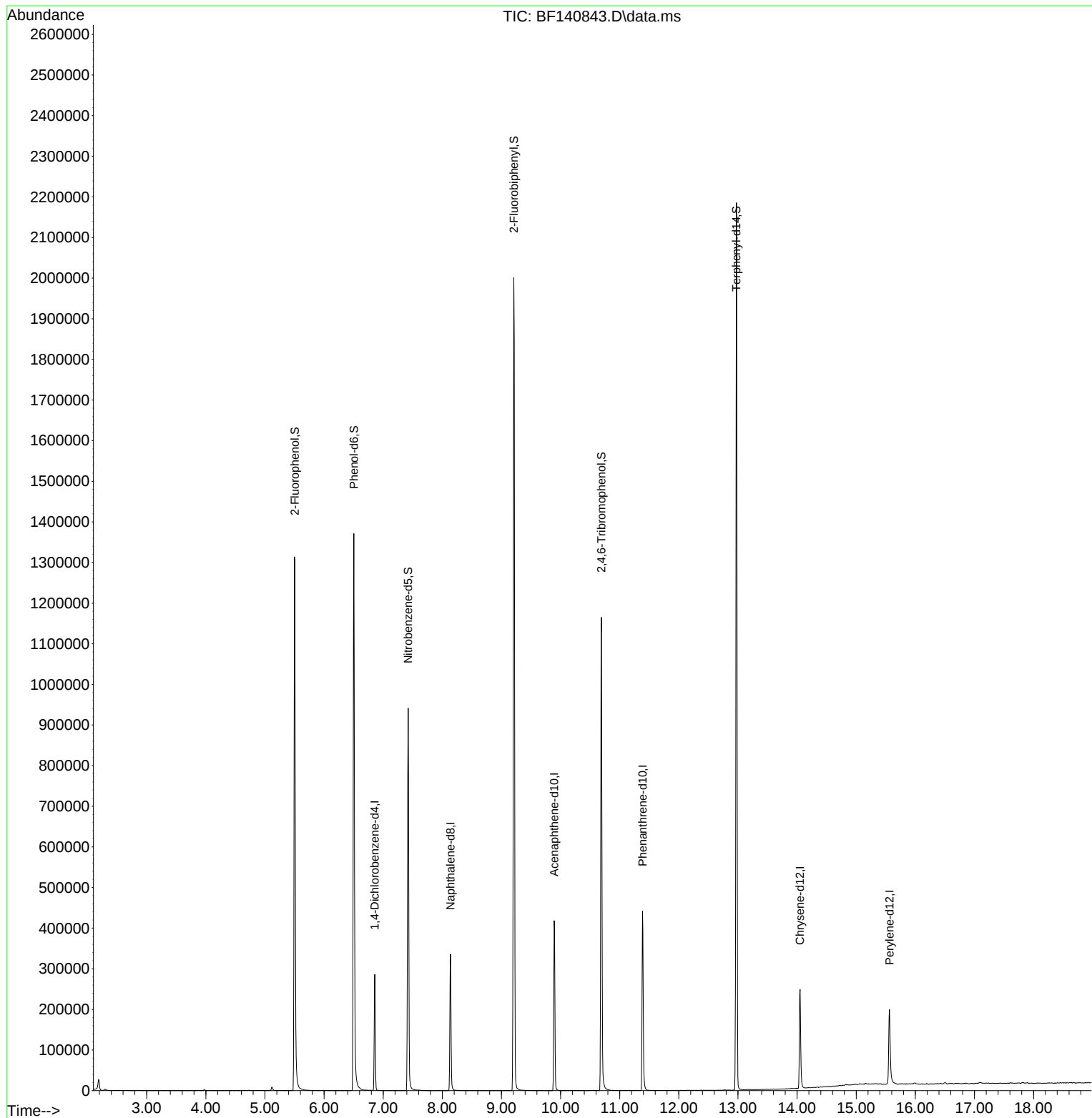
Target Compounds	Qvalue

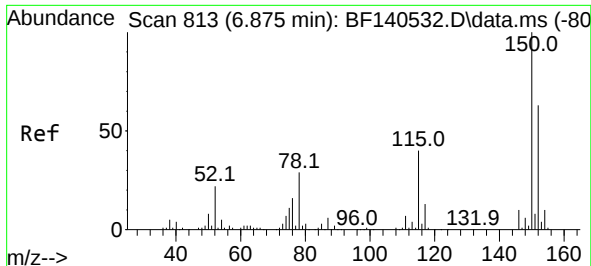
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140843.D
Acq On : 13 Dec 2024 14:32
Operator : RC/JU
Sample : PB165558TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165558TB

Quant Time: Dec 13 16:37:03 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

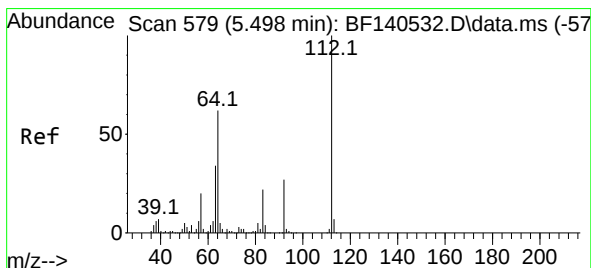
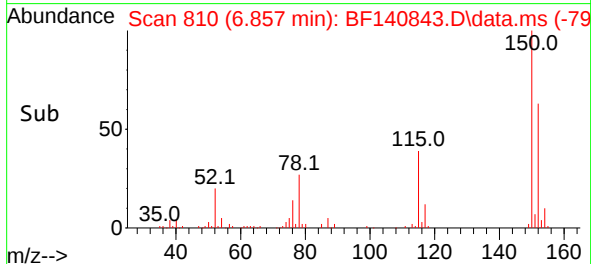
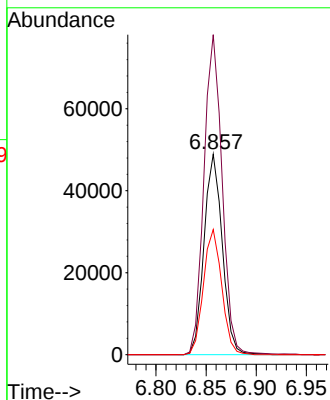
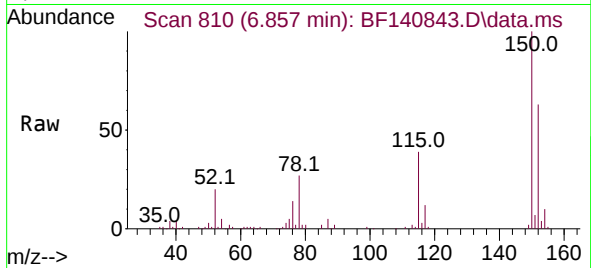




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

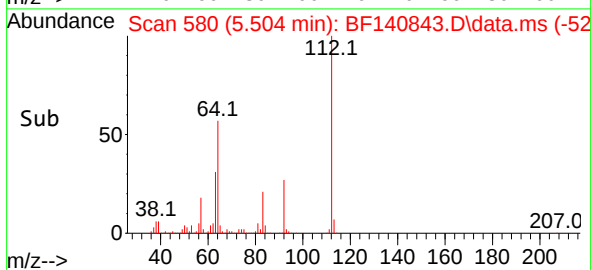
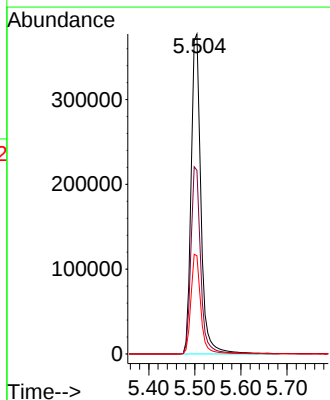
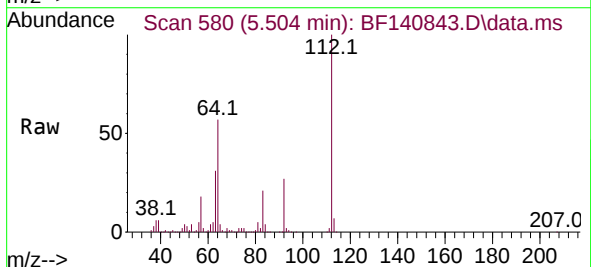
Instrument :
BNA_F
ClientSampleId :
PB165558TB

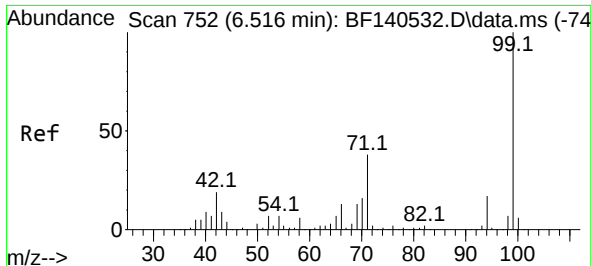
Tgt Ion:152 Resp: 62007
Ion Ratio Lower Upper
152 100
150 159.6 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 153.267 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion:112 Resp: 557002
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 30.7 27.0 40.4

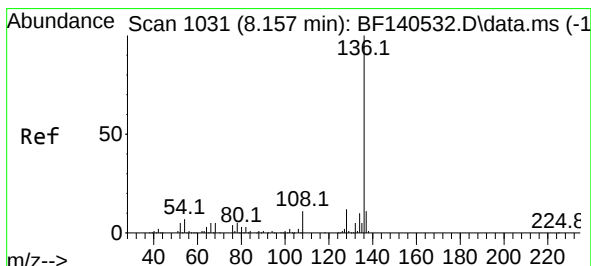
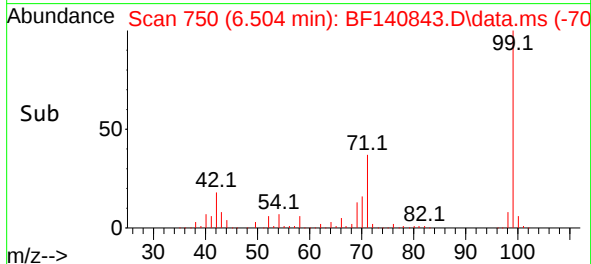
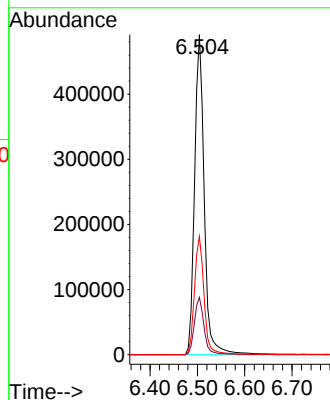
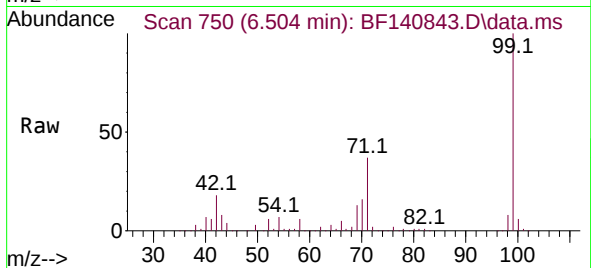




#7
Phenol-d6
Concen: 145.503 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

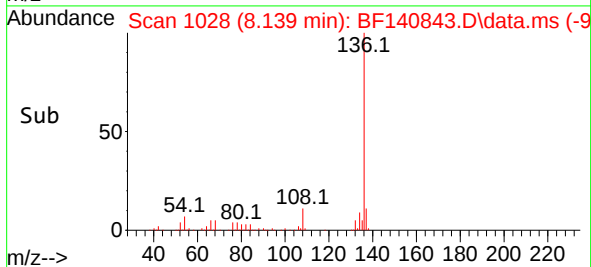
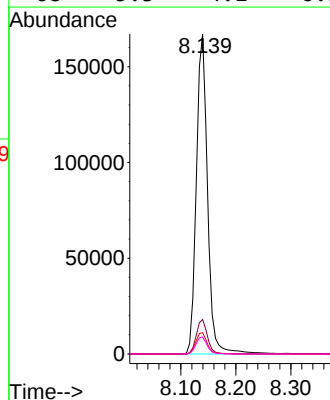
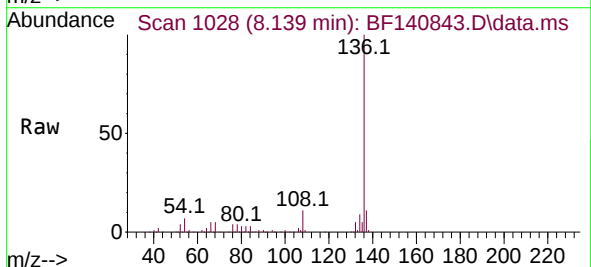
Instrument :
BNA_F
ClientSampleId :
PB165558TB

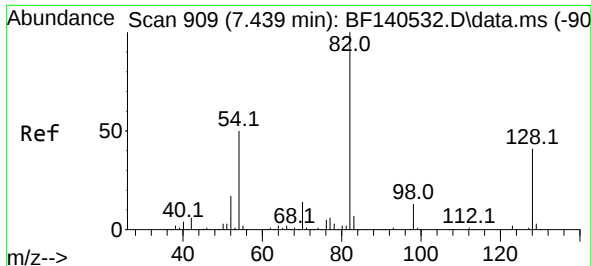
Tgt Ion: 99 Resp: 699067
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion: 136 Resp: 236216
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.6 5.8 8.8
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 100.314 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140843.D

Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB

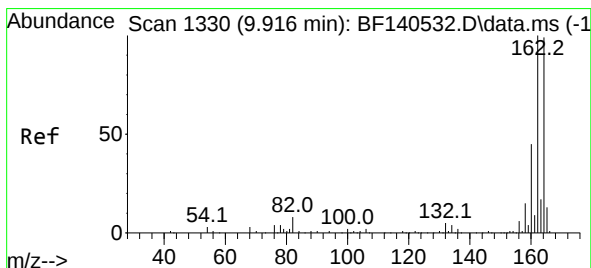
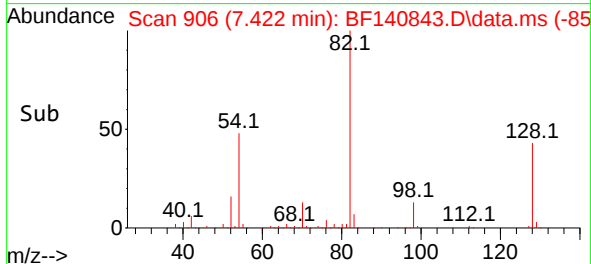
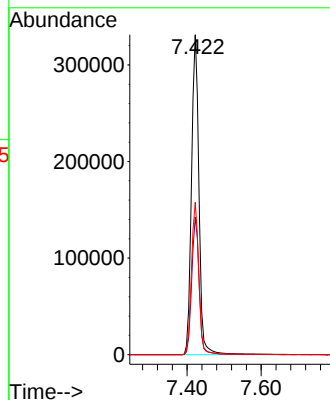
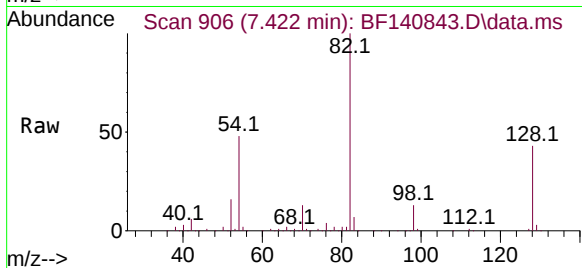
Tgt Ion: 82 Resp: 463257

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

54 47.6 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: BF140843.D

Acq: 13 Dec 2024 14:32

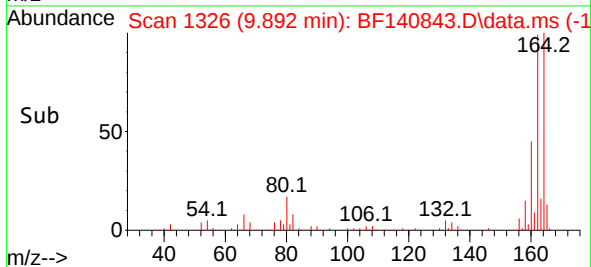
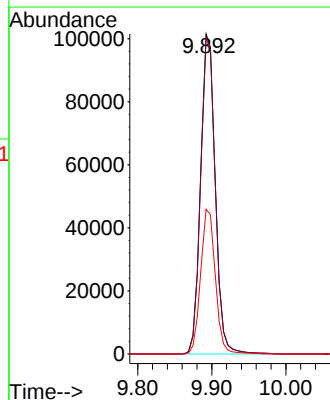
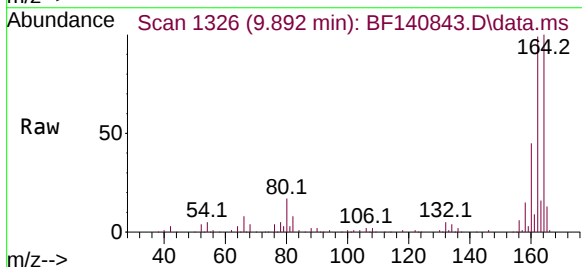
Tgt Ion:164 Resp: 139268

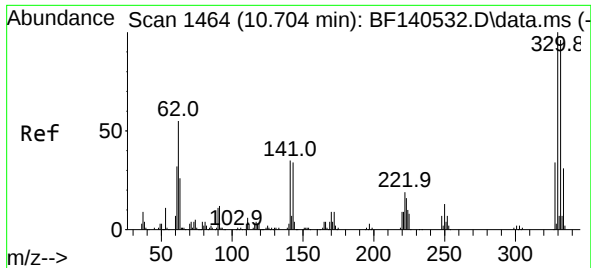
Ion Ratio Lower Upper

164 100

162 98.9 80.6 120.8

160 45.2 36.2 54.4

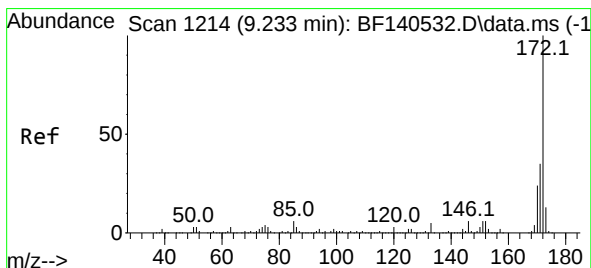
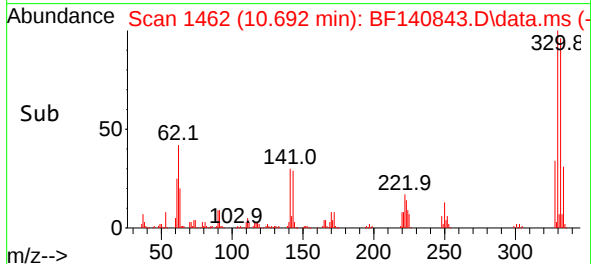
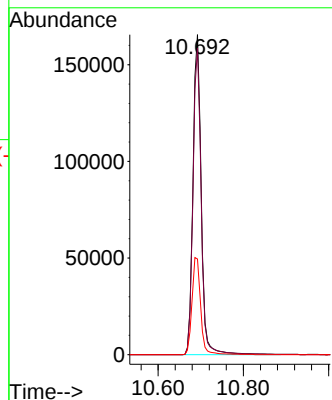
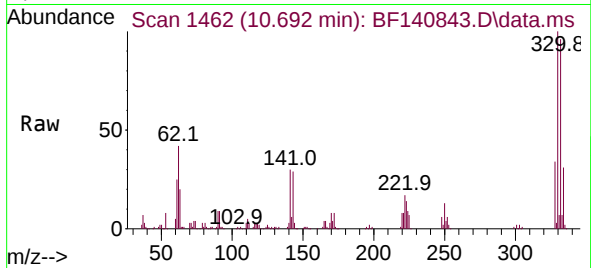




#42
2,4,6-Tribromophenol
Concen: 149.620 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

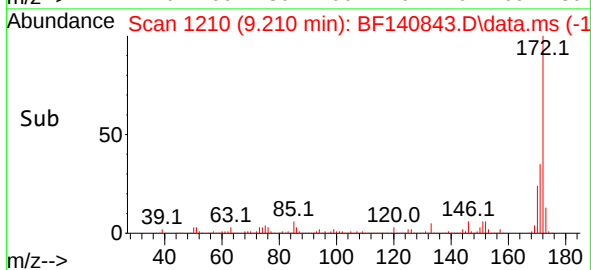
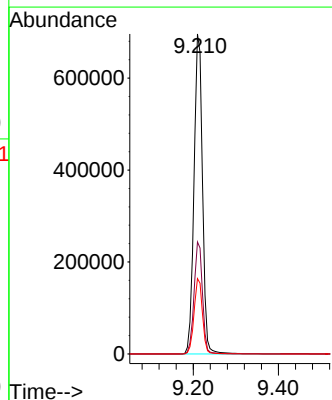
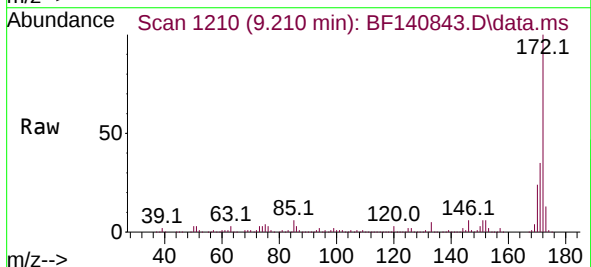
Instrument :
BNA_F
ClientSampleId :
PB165558TB

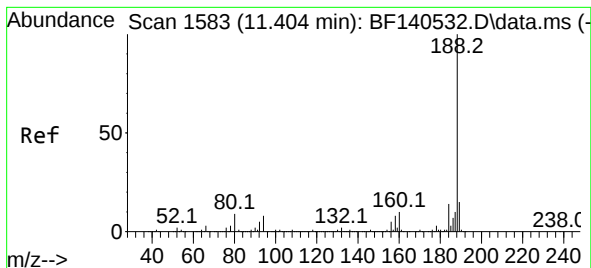
Tgt Ion:330 Resp: 222856
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 102.929 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.024 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion:172 Resp: 962099
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 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: BF140843.D

Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB

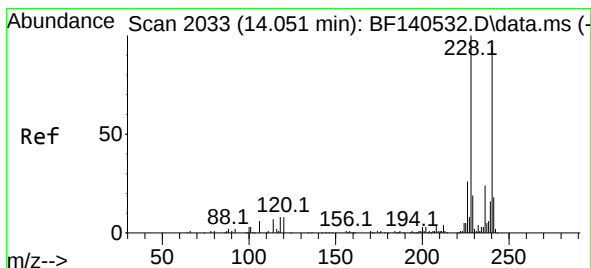
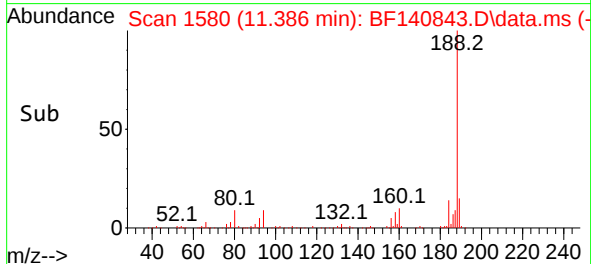
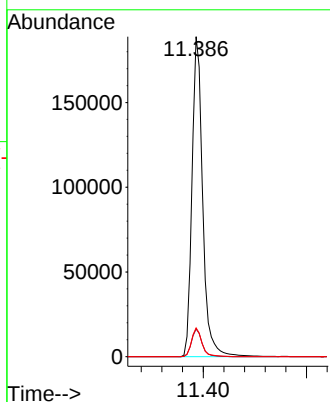
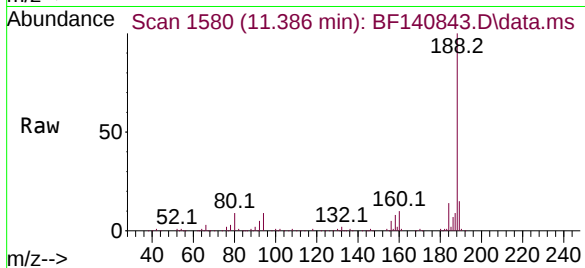
Tgt Ion:188 Resp: 271237

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 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: BF140843.D

Acq: 13 Dec 2024 14:32

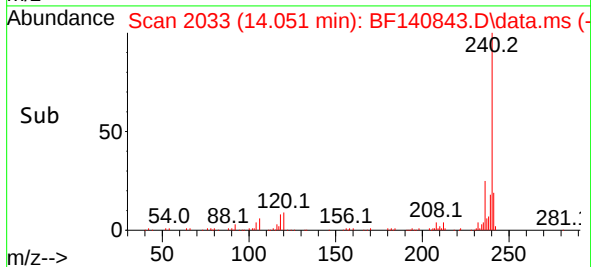
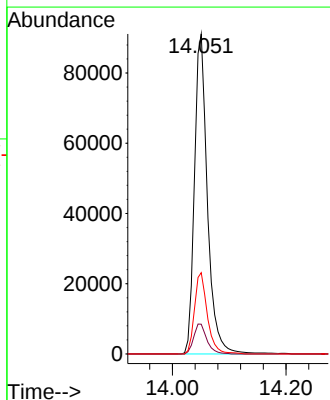
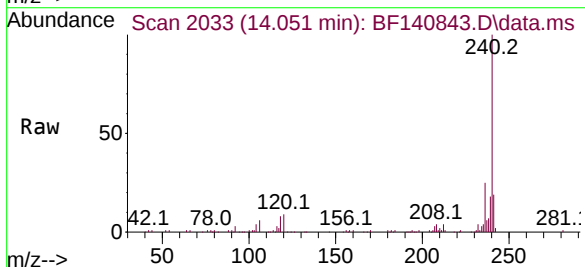
Tgt Ion:240 Resp: 145005

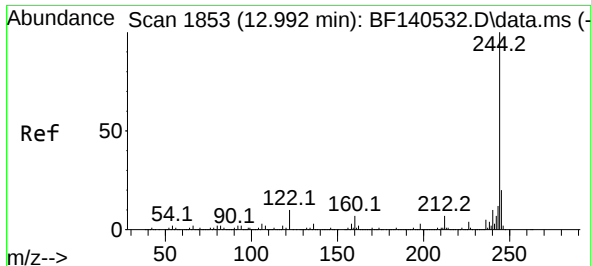
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.4 20.6 31.0

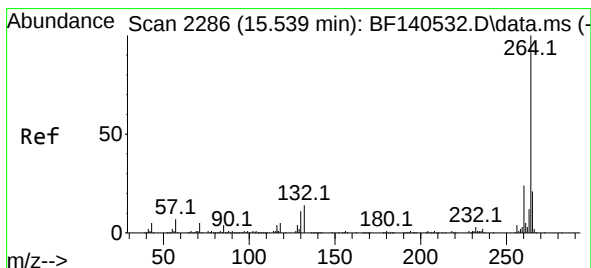
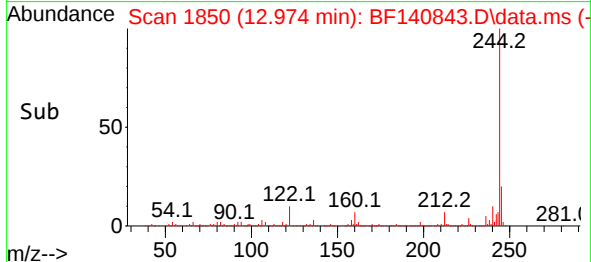
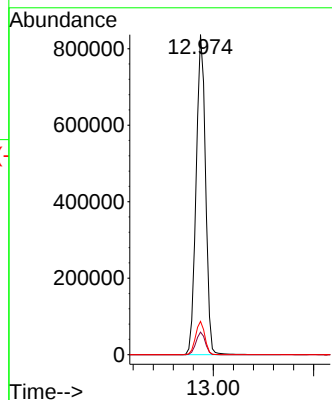
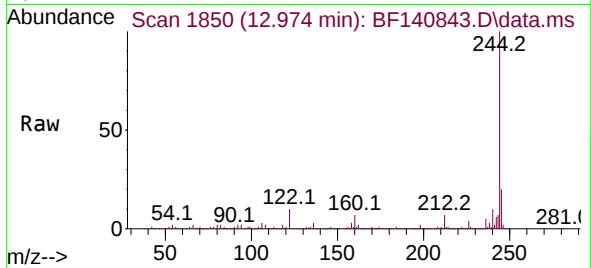




#79
 Terphenyl-d14
 Concen: 116.610 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140843.D
 Acq: 13 Dec 2024 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB165558TB

Tgt Ion:244 Resp: 1085912
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.024 min
 Lab File: BF140843.D
 Acq: 13 Dec 2024 14:32

Tgt Ion:264 Resp: 137029
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.1 16.6 25.0

