

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140634.D
 Acq On : 26 Nov 2024 11:52
 Operator : RC/JU
 Sample : P4960-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW2

Quant Time: Nov 26 12:16:44 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	6.869	152	87953	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	330346	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	179774	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	329307	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164232	20.000	ng	0.00
86) Perylene-d12	15.533	264	173350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	541607	105.067	ng	0.00
7) Phenol-d6	6.510	99	703265	103.196	ng	0.00
23) Nitrobenzene-d5	7.434	82	449354	69.577	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198491	103.236	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	843462	69.905	ng	-0.01
79) Terphenyl-d14	12.980	244	784665	74.396	ng	-0.01

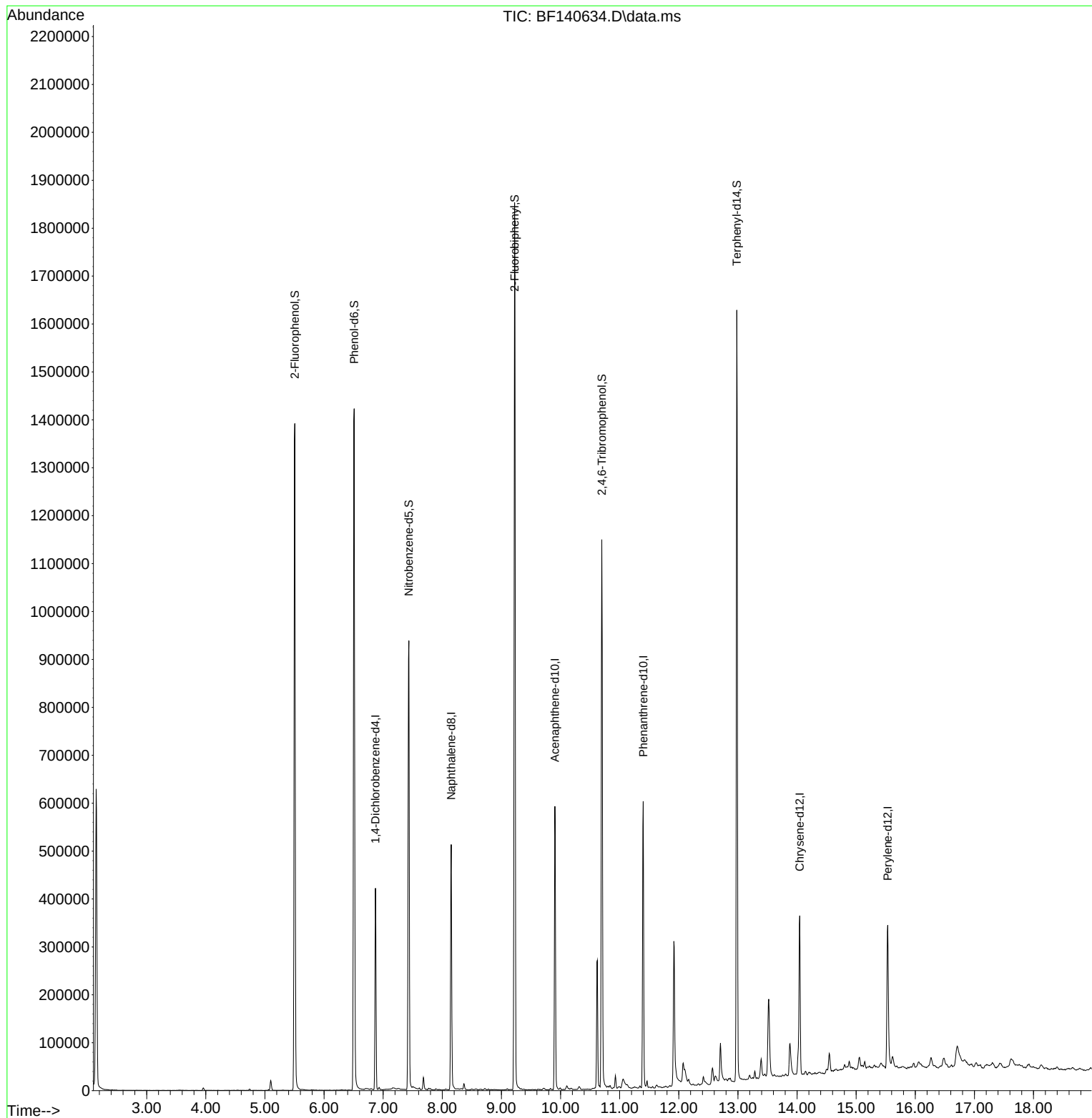
Target Compounds	Qvalue

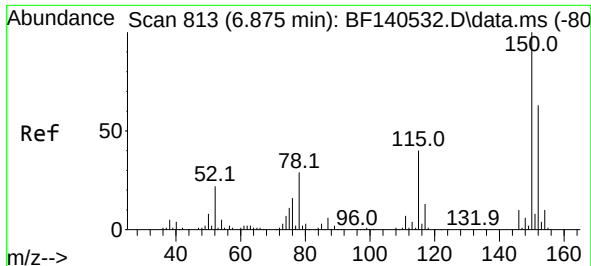
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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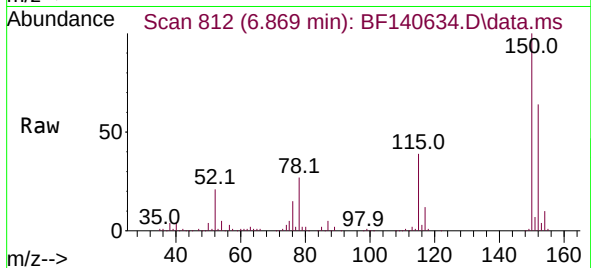
Quant Time: Nov 26 12:16:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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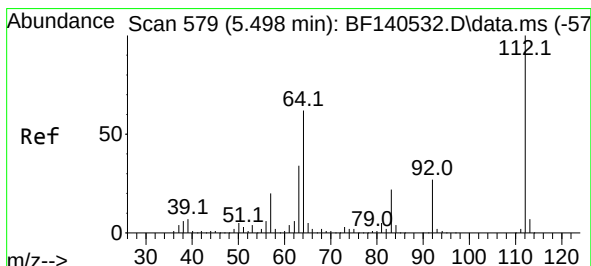
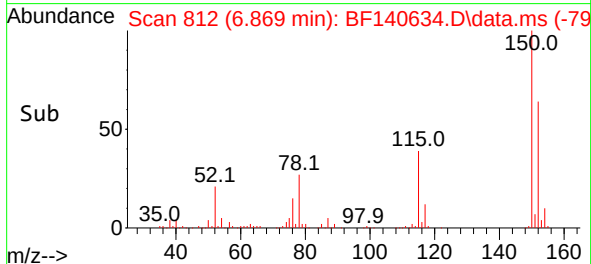
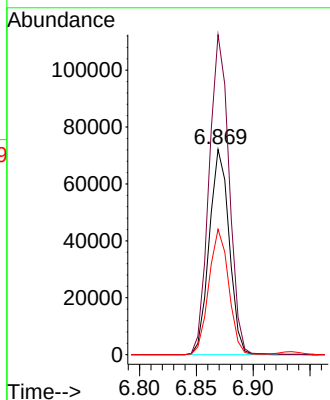


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Instrument :
BNA_F
ClientSampleId :
SW2

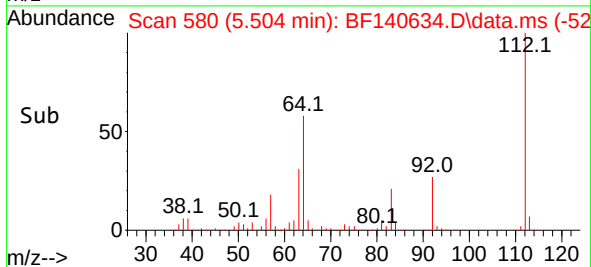
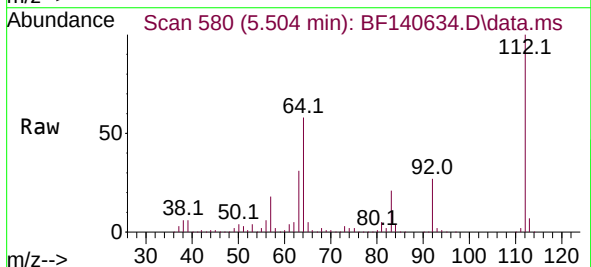
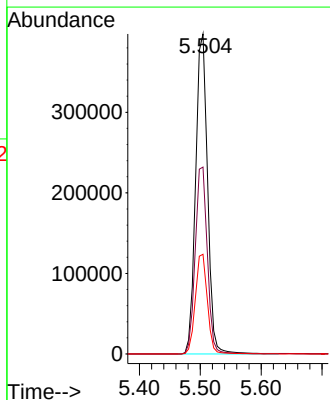


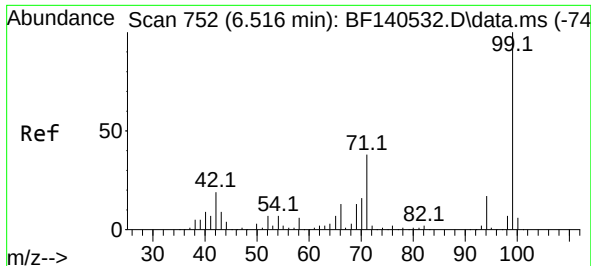
Tgt Ion:152 Resp: 87953
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 105.067 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:112 Resp: 541607
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.2 27.0 40.4

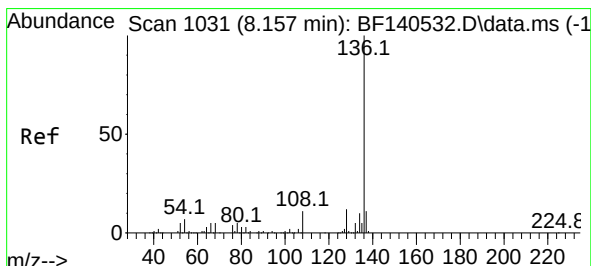
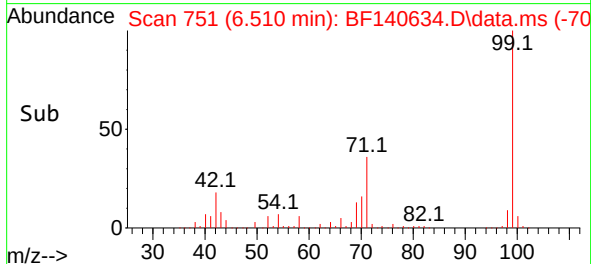
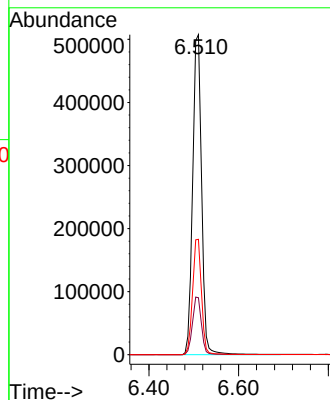
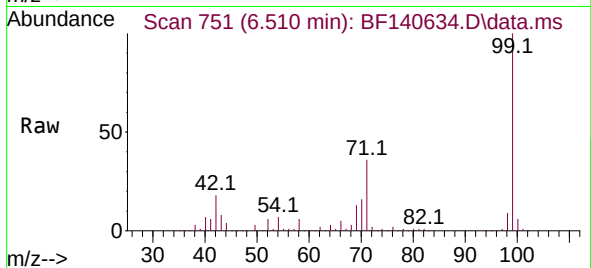




#7
Phenol-d6
Concen: 103.196 ng
RT: 6.510 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

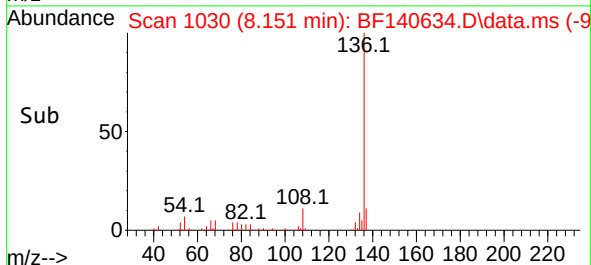
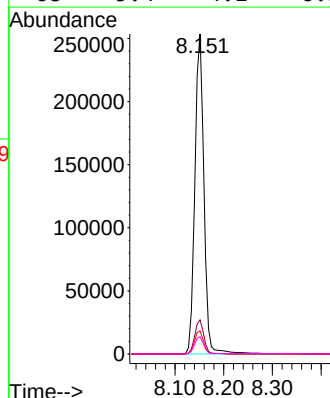
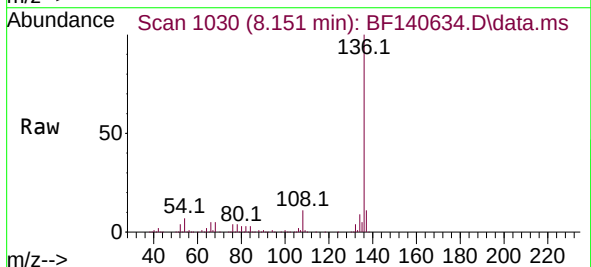
Instrument :
BNA_F
ClientSampleId :
SW2

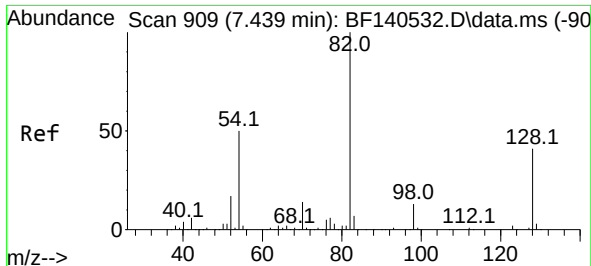
Tgt Ion: 99 Resp: 703265
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion: 136 Resp: 330346
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.2 5.8 8.8
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 69.577 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140634.D

Acq: 26 Nov 2024 11:52

Instrument :

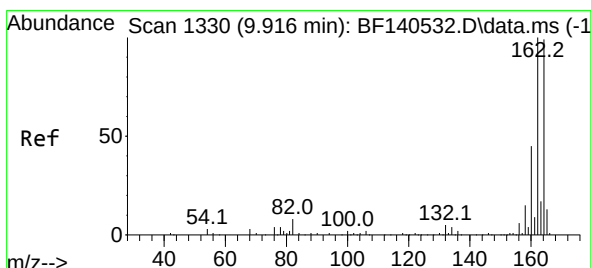
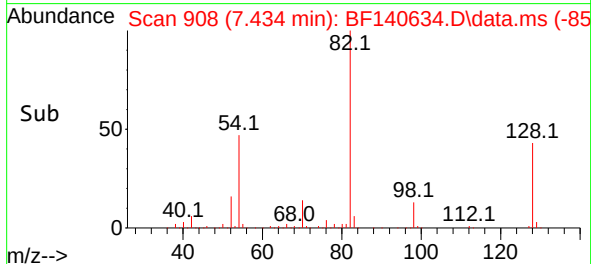
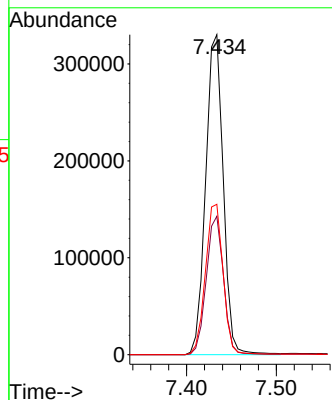
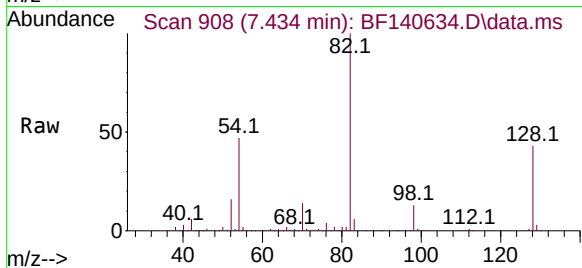
BNA_F

ClientSampleId :

SW2

Tgt Ion: 82 Resp: 449354

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	47.0	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

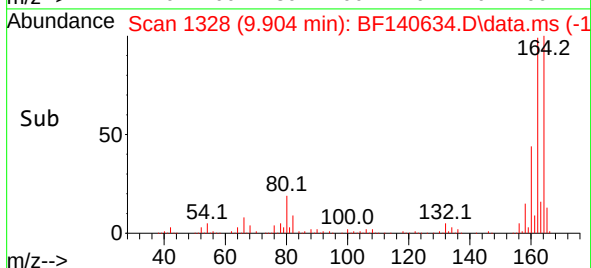
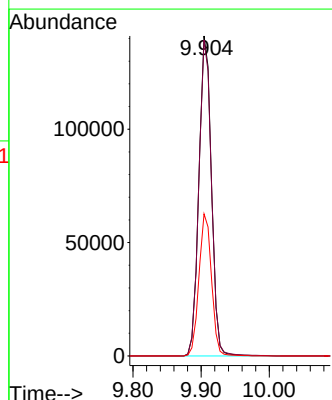
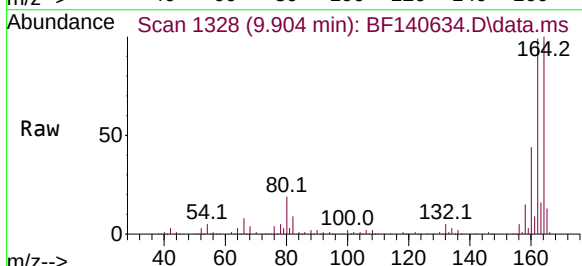
Delta R.T. -0.012 min

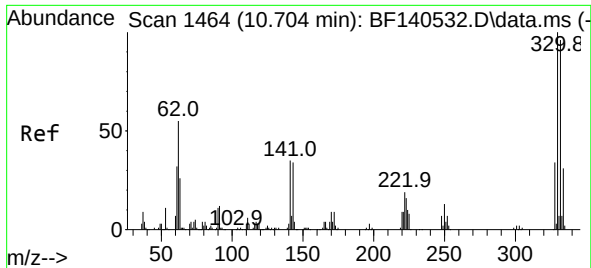
Lab File: BF140634.D

Acq: 26 Nov 2024 11:52

Tgt Ion:164 Resp: 179774

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	44.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 103.236 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140634.D

Acq: 26 Nov 2024 11:52

Instrument :

BNA_F

ClientSampleId :

SW2

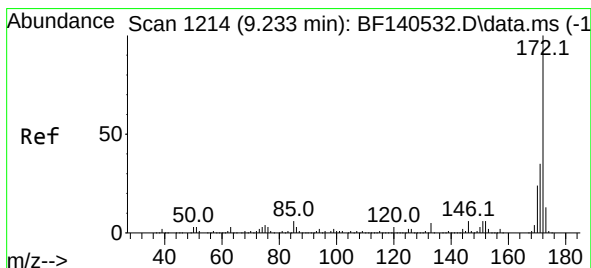
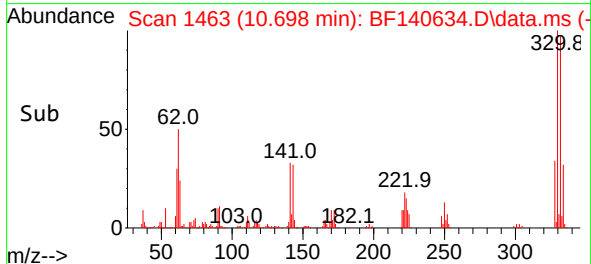
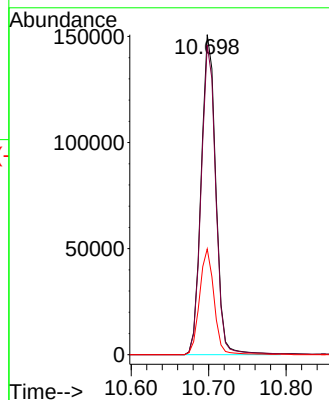
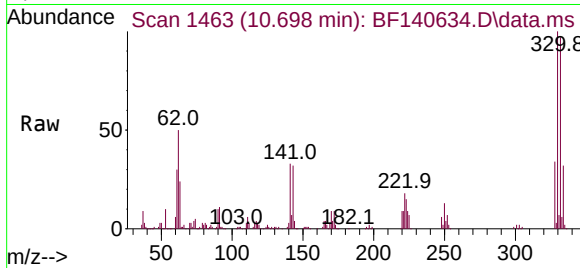
Tgt Ion:330 Resp: 198491

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 32.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 69.905 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140634.D

Acq: 26 Nov 2024 11:52

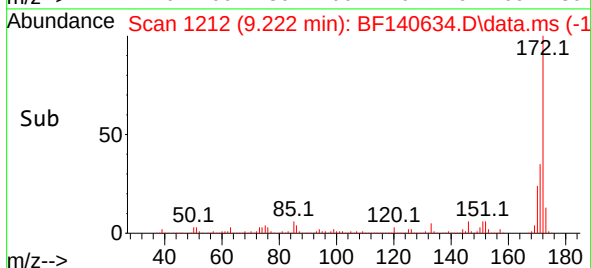
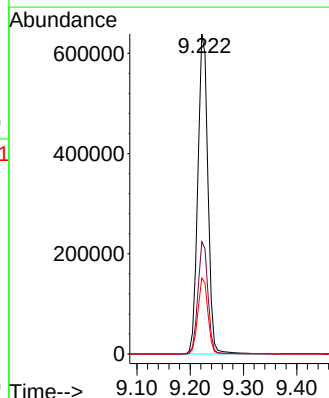
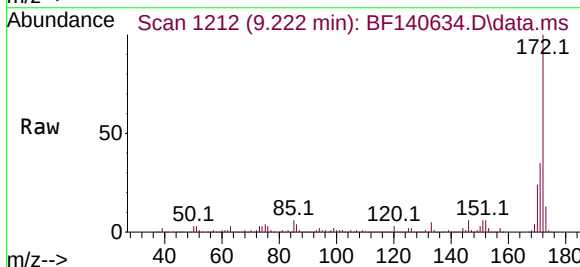
Tgt Ion:172 Resp: 843462

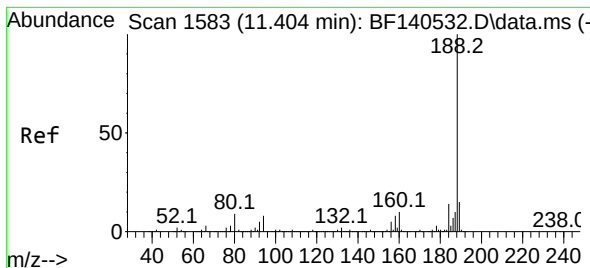
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140634.D

Acq: 26 Nov 2024 11:52

Instrument :

BNA_F

ClientSampleId :

SW2

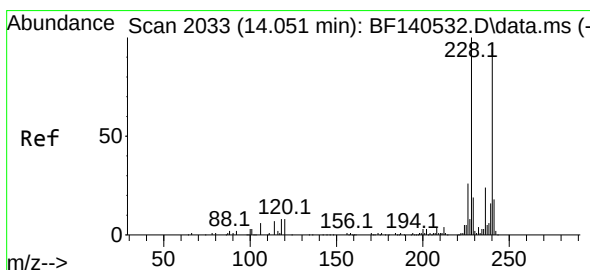
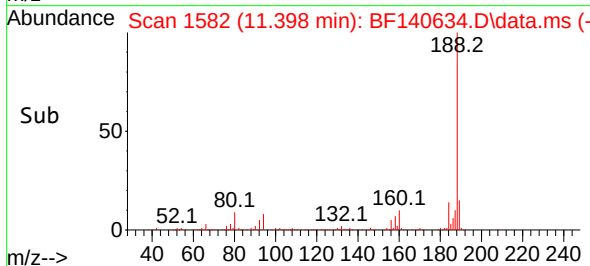
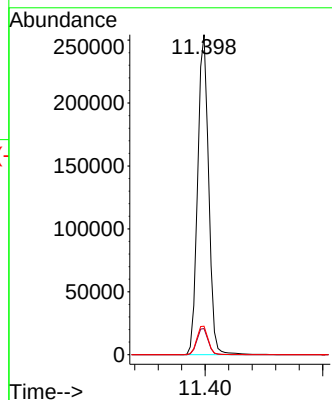
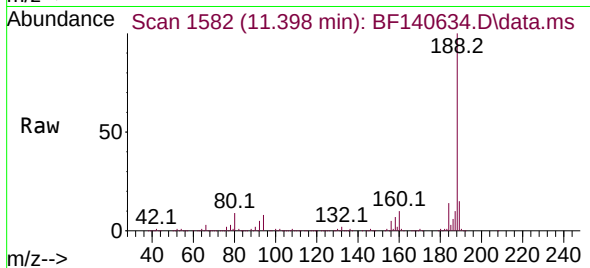
Tgt Ion:188 Resp: 329307

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 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: BF140634.D

Acq: 26 Nov 2024 11:52

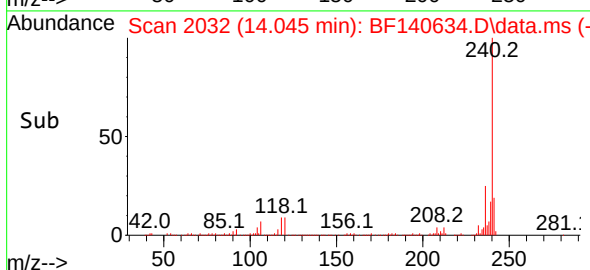
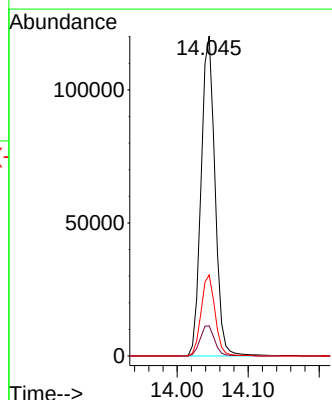
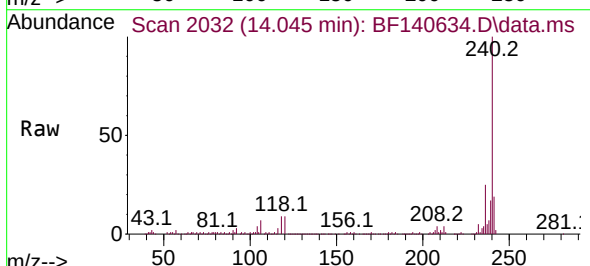
Tgt Ion:240 Resp: 164232

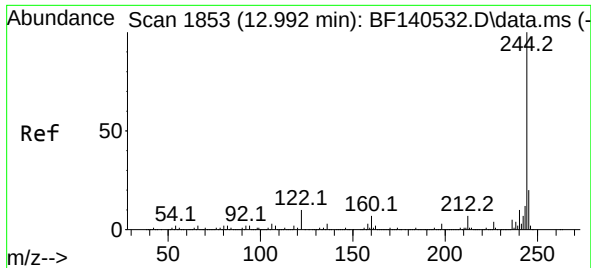
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

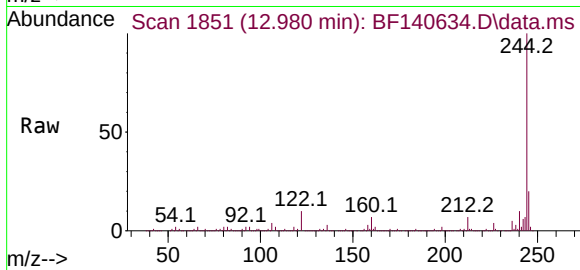
236 25.3 20.6 31.0



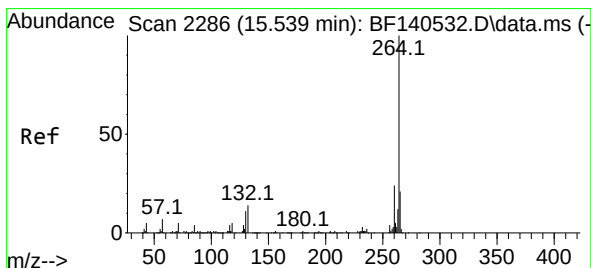
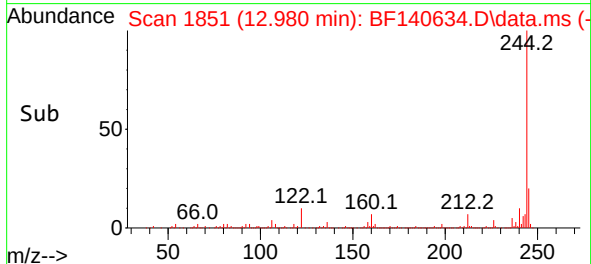
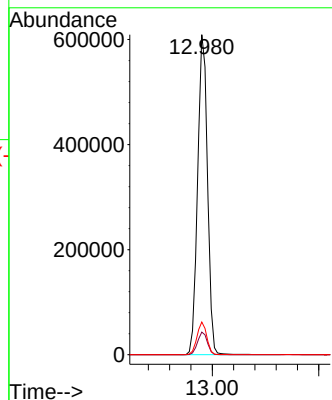


#79
 Terphenyl-d14
 Concen: 74.396 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140634.D
 Acq: 26 Nov 2024 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW2



Tgt Ion:244 Resp: 784665
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140634.D
 Acq: 26 Nov 2024 11:52

Tgt Ion:264 Resp: 173350
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.9 16.6 25.0

