

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140550.D
 Acq On : 21 Nov 2024 21:51
 Operator : RC/JU
 Sample : P4916-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Quant Time: Nov 22 00:11:39 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	86207	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316234	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	166420	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	292532	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164777	20.000	ng	0.00
86) Perylene-d12	15.533	264	127120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	690793	136.722	ng	0.01
7) Phenol-d6	6.510	99	868474	130.019	ng	0.00
23) Nitrobenzene-d5	7.434	82	592421	95.823	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	248991	139.893	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105640	98.987	ng	0.00
79) Terphenyl-d14	12.986	244	1016794	96.086	ng	0.00

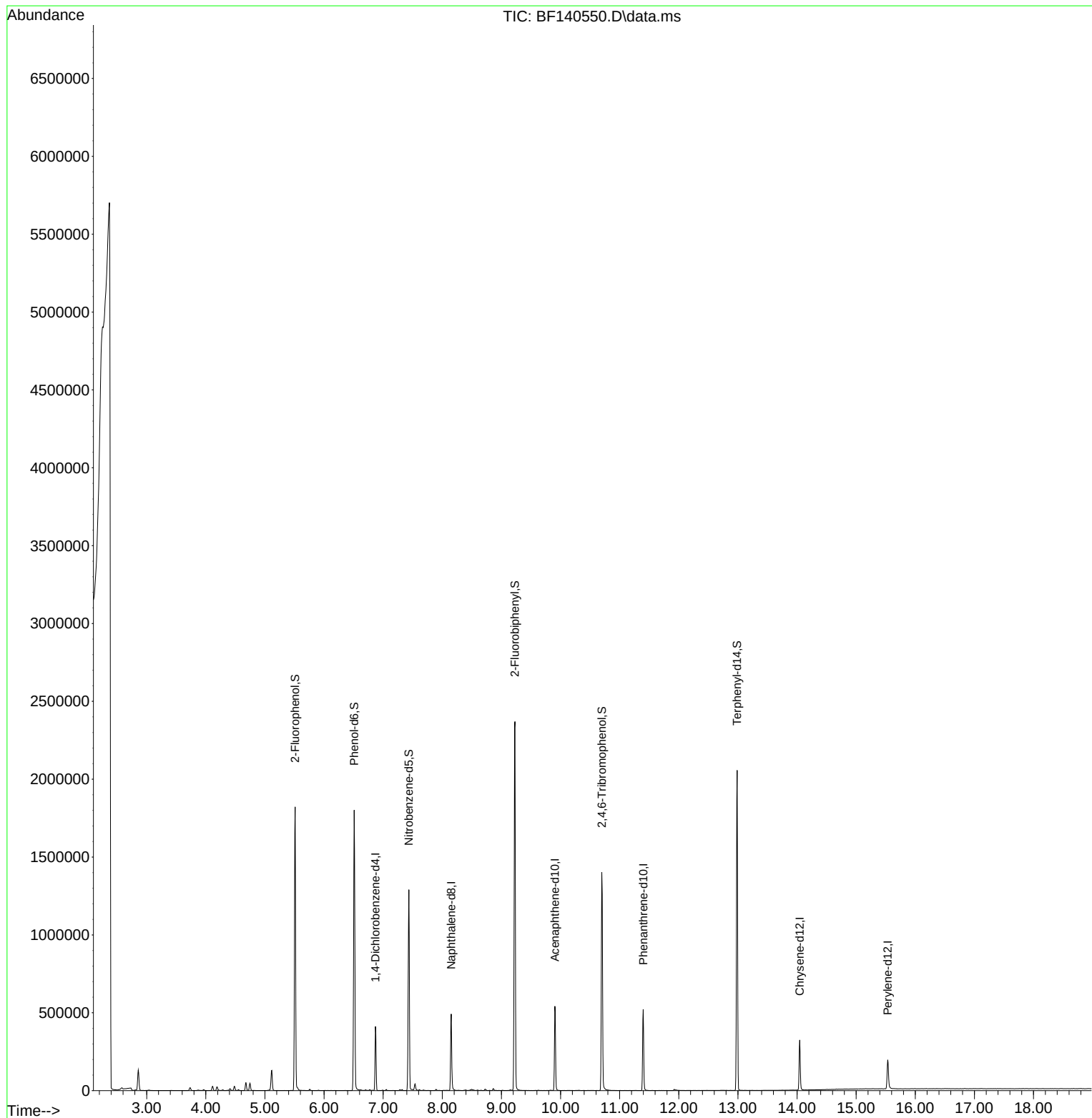
Target Compounds	Qvalue

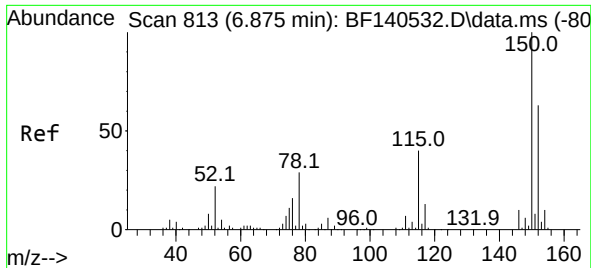
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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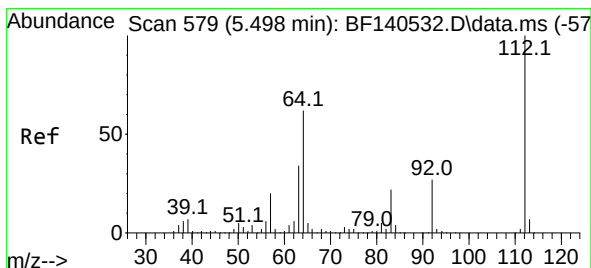
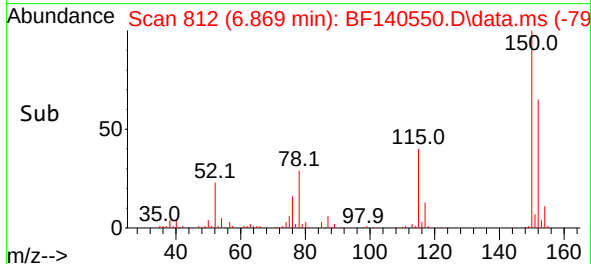
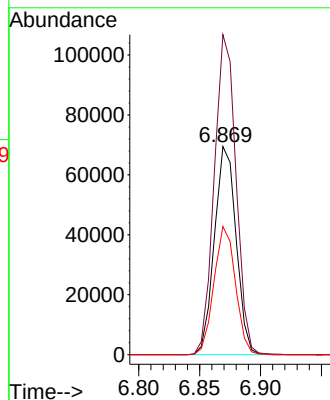
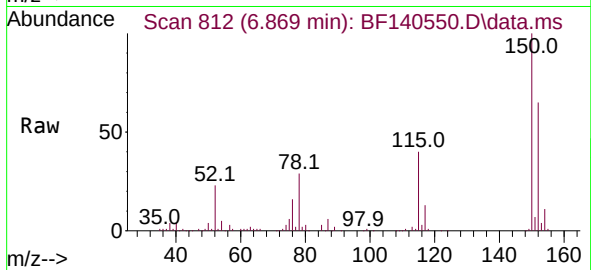




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

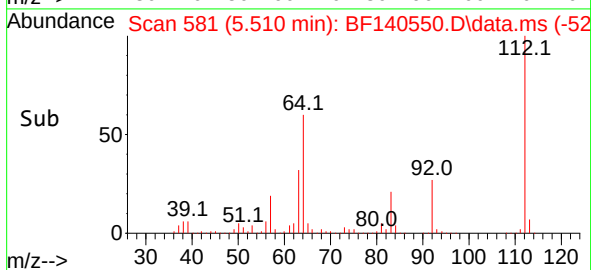
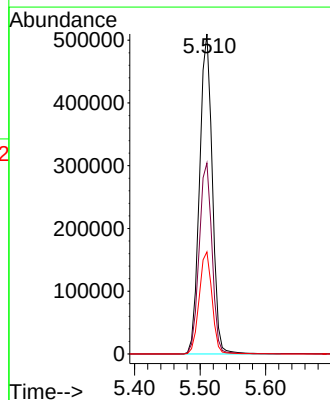
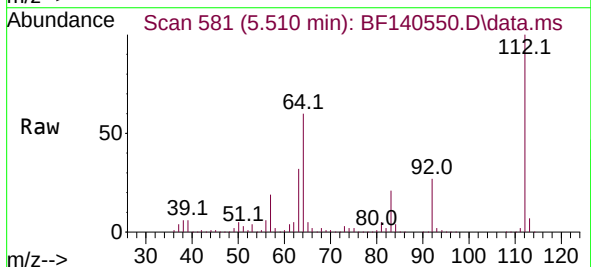
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

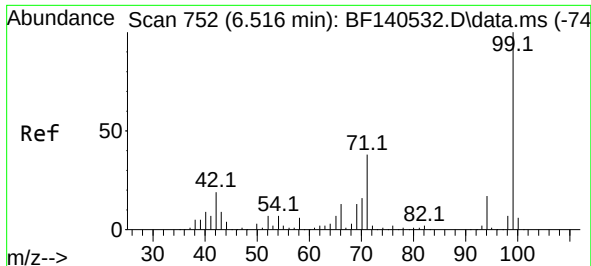
Tgt Ion:152 Resp: 86207
Ion Ratio Lower Upper
152 100
150 153.7 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 136.722 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:112 Resp: 690793
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.9 27.0 40.4

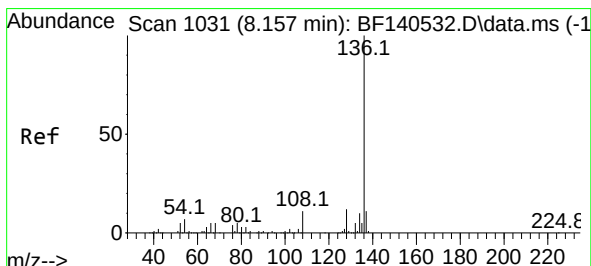
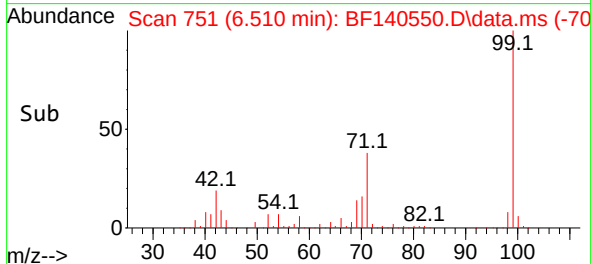
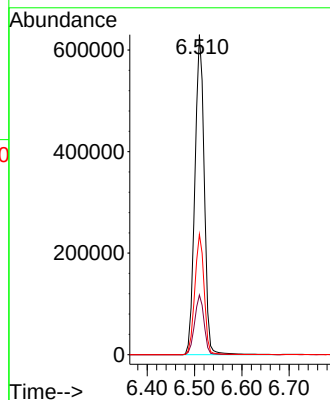
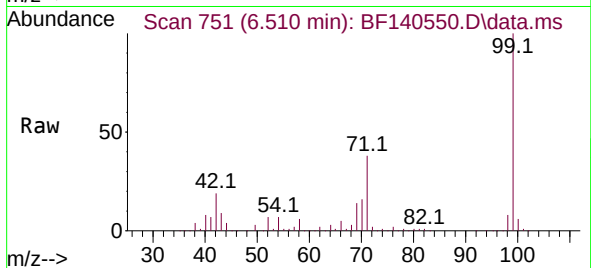




#7
Phenol-d6
Concen: 130.019 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

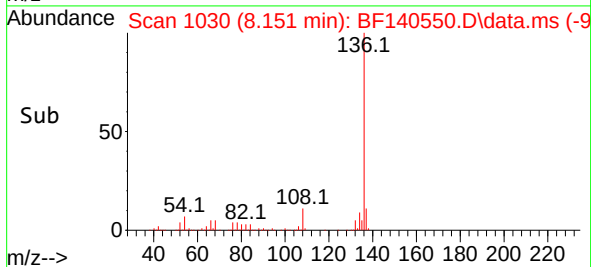
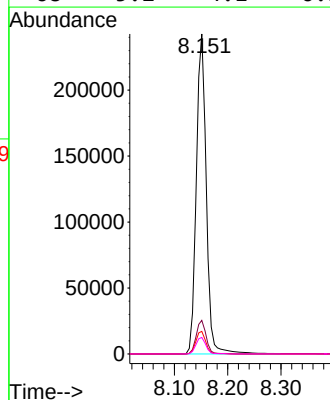
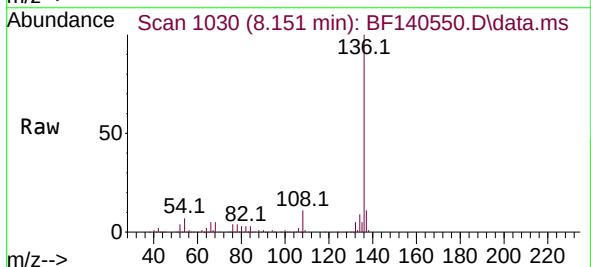
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

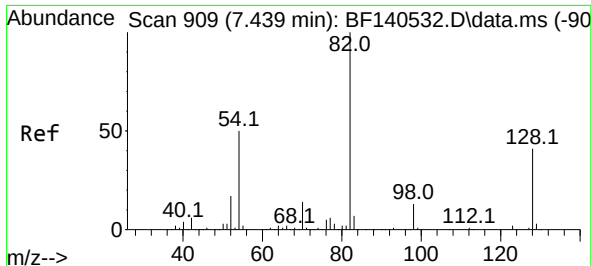
Tgt Ion: 99 Resp: 868474
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion: 136 Resp: 316234
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1

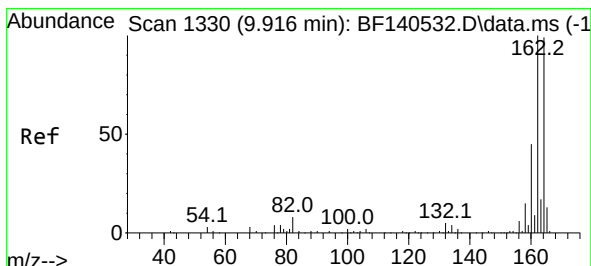
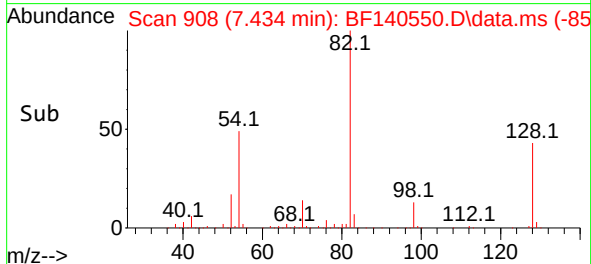
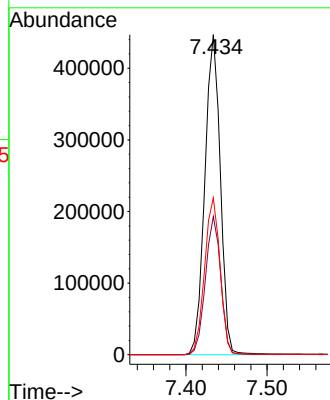
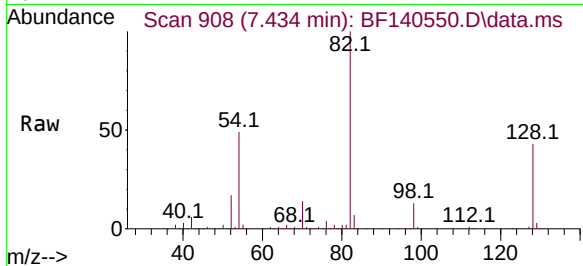




#23
 Nitrobenzene-d5
 Concen: 95.823 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140550.D
 Acq: 21 Nov 2024 21:51

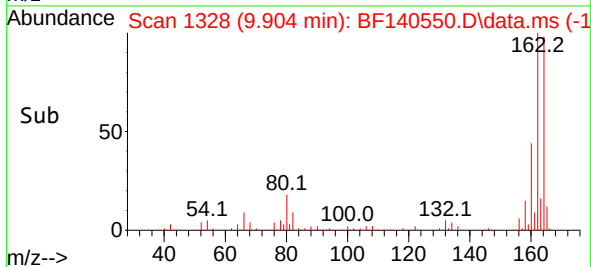
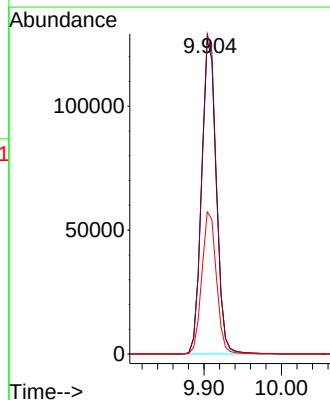
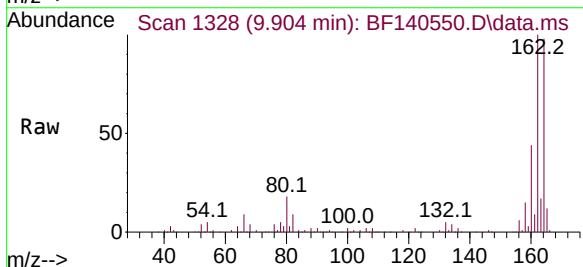
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

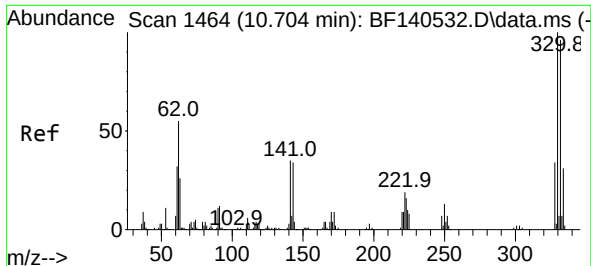
Tgt Ion: 82 Resp: 592421
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.0 49.4
 54 49.0 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140550.D
 Acq: 21 Nov 2024 21:51

Tgt Ion:164 Resp: 166420
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.893 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140550.D

Acq: 21 Nov 2024 21:51

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

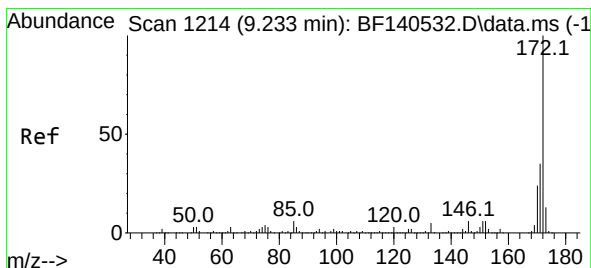
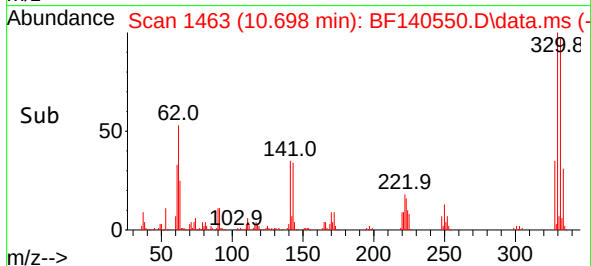
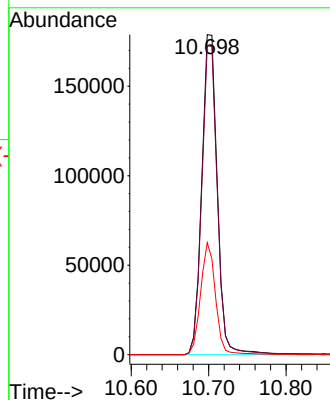
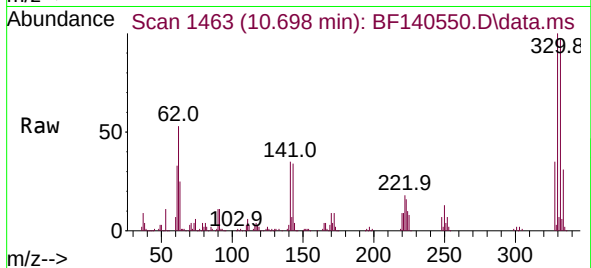
Tgt Ion:330 Resp: 248991

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 33.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.987 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140550.D

Acq: 21 Nov 2024 21:51

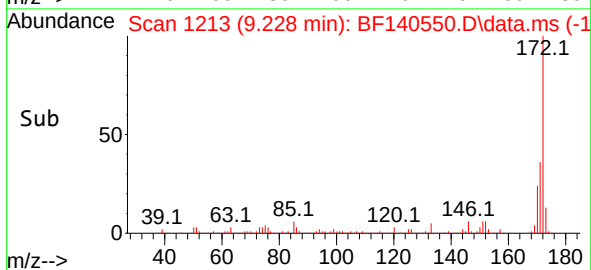
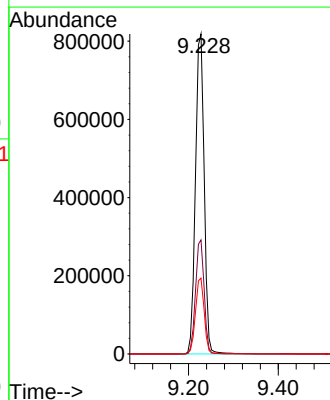
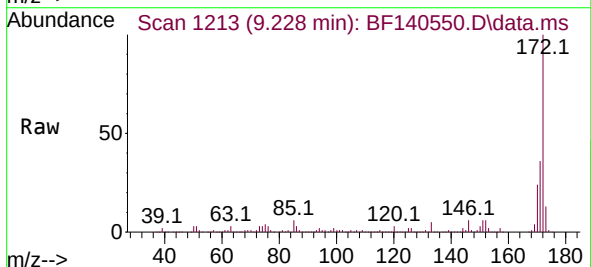
Tgt Ion:172 Resp: 1105640

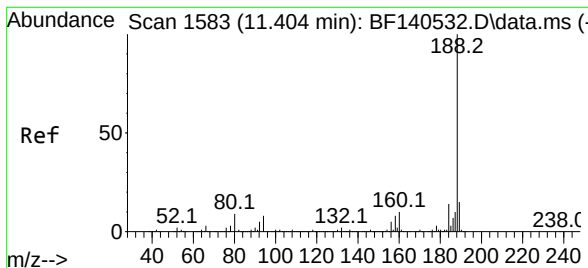
Ion Ratio Lower Upper

172 100

171 35.7 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: BF140550.D

Acq: 21 Nov 2024 21:51

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

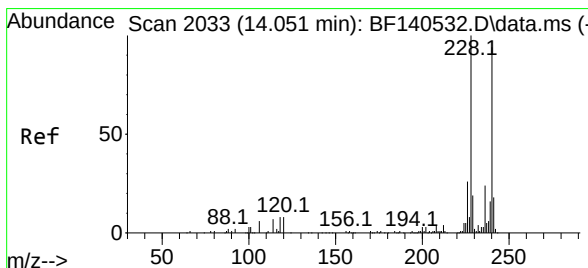
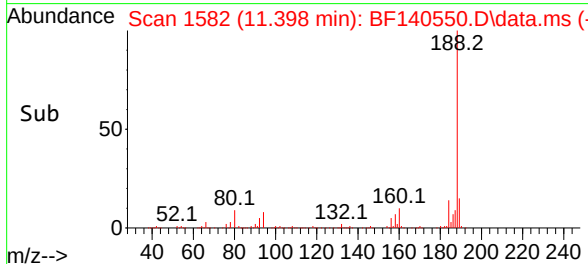
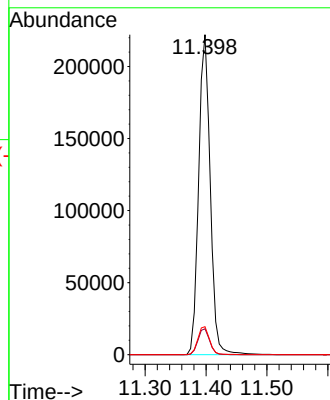
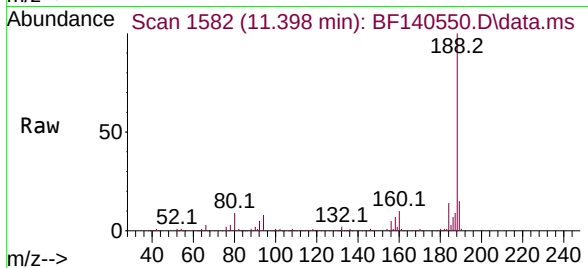
Tgt Ion:188 Resp: 292532

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.7 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: BF140550.D

Acq: 21 Nov 2024 21:51

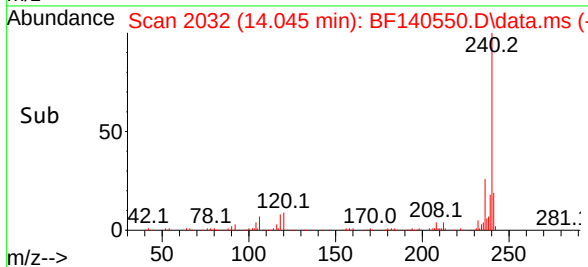
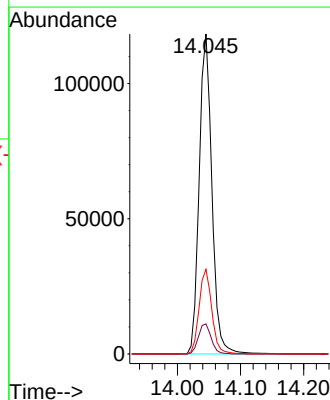
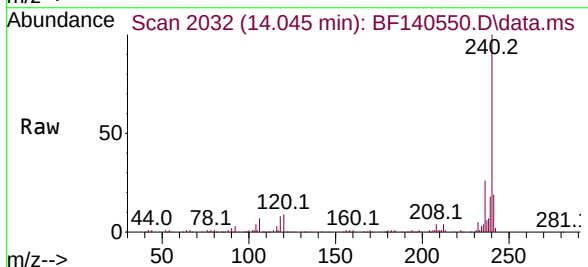
Tgt Ion:240 Resp: 164777

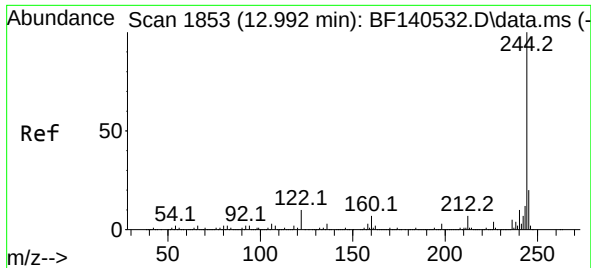
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

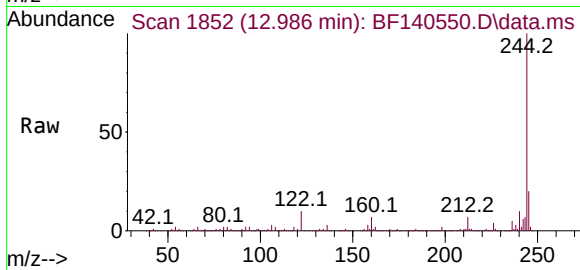
236 26.4 20.6 31.0



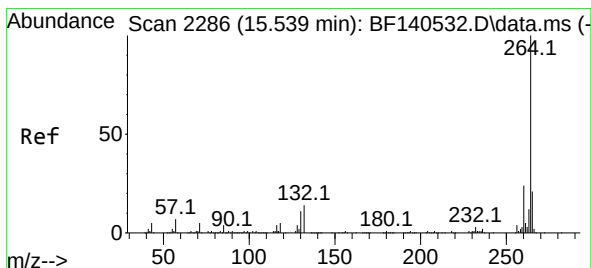
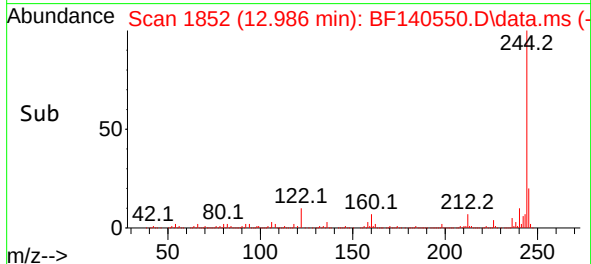
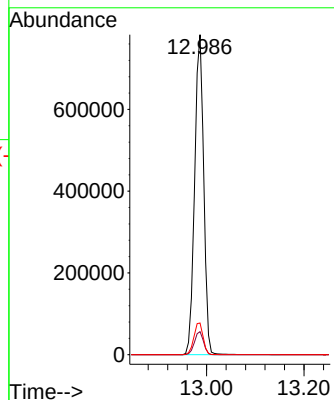


#79
Terphenyl-d14
Concen: 96.086 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Instrument :
BNA_F
ClientSampleId :
TP-3-WC



Tgt Ion:244 Resp: 1016794
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.9 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: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:264 Resp: 127120
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.0 16.6 25.0

