

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140554.D
 Acq On : 21 Nov 2024 23:36
 Operator : RC/JU
 Sample : P4916-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Quant Time: Nov 22 01:36:16 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	74716	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	272289	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	143092	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	253167	20.000	ng	0.00
76) Chrysene-d12	14.045	240	158929	20.000	ng	0.00
86) Perylene-d12	15.527	264	127988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	440115	100.504	ng	0.00
7) Phenol-d6	6.504	99	574520	99.240	ng	-0.01
23) Nitrobenzene-d5	7.433	82	360723	67.763	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	152726	99.796	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	640711	66.714	ng	0.00
79) Terphenyl-d14	12.986	244	649443	63.630	ng	0.00

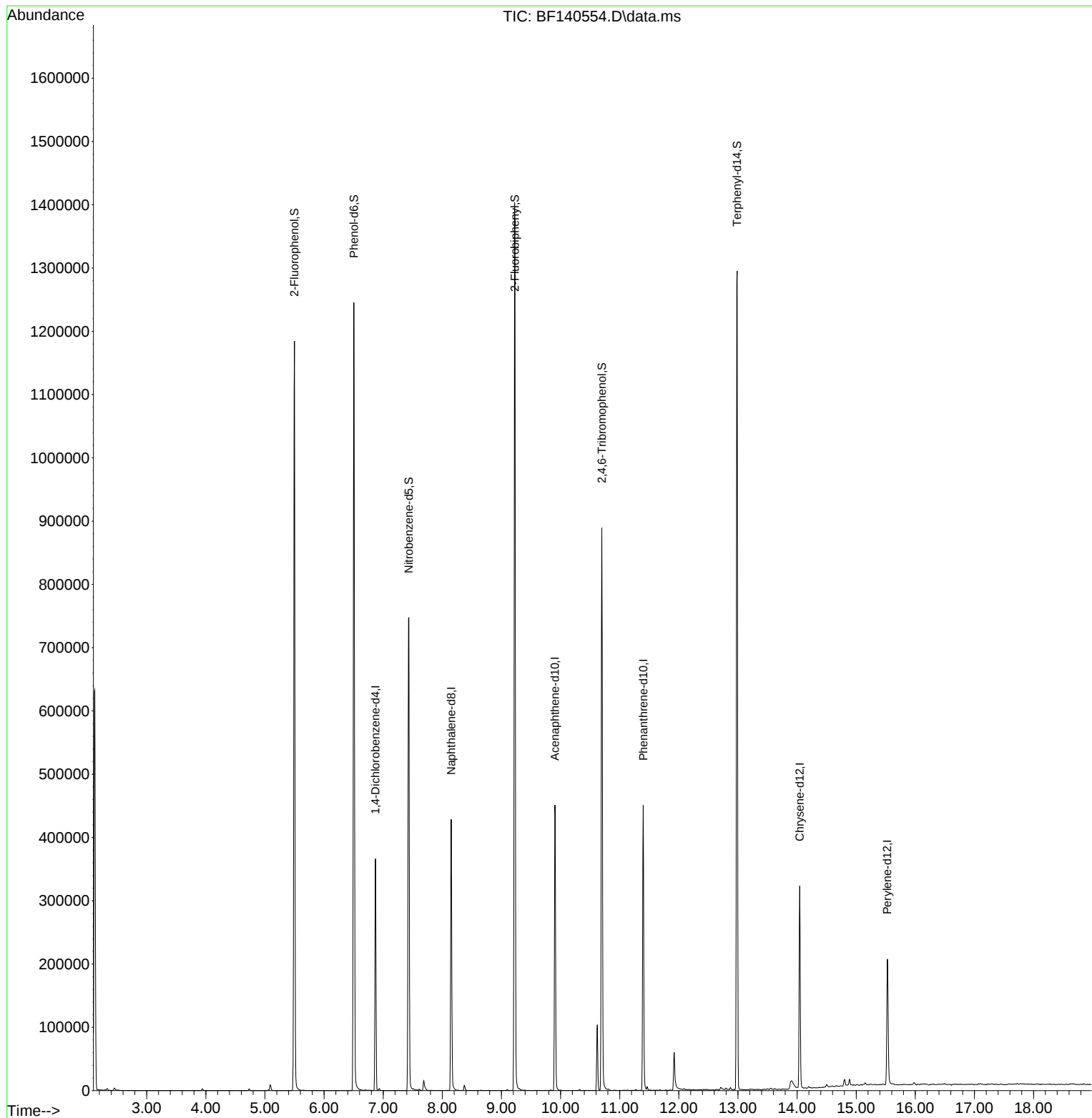
Target Compounds	Qvalue

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

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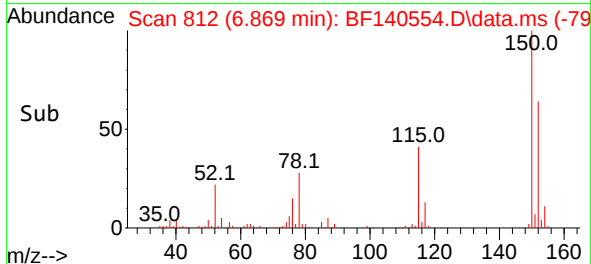
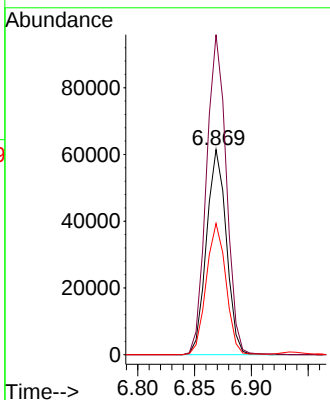
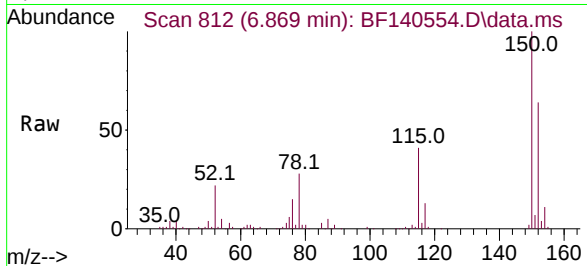




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

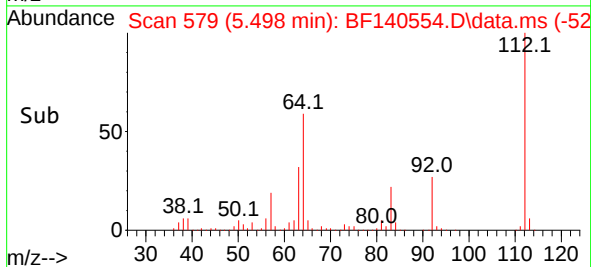
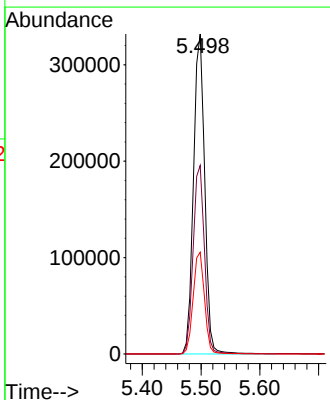
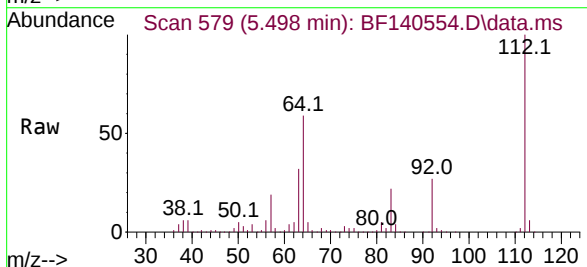
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion:152 Resp: 74716
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 64.0 50.2 75.4



#5
2-Fluorophenol
Concen: 100.504 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

Tgt Ion:112 Resp: 440115
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.8 27.0 40.4





#7

Phenol-d6

Concen: 99.240 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140554.D

Acq: 21 Nov 2024 23:36

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

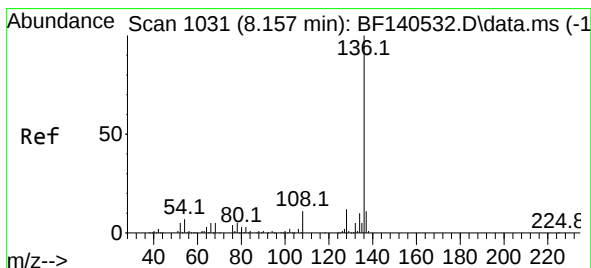
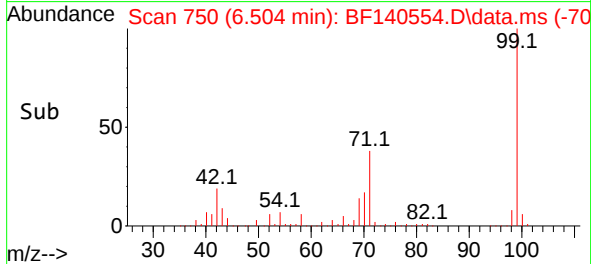
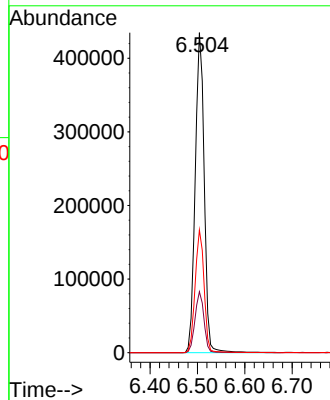
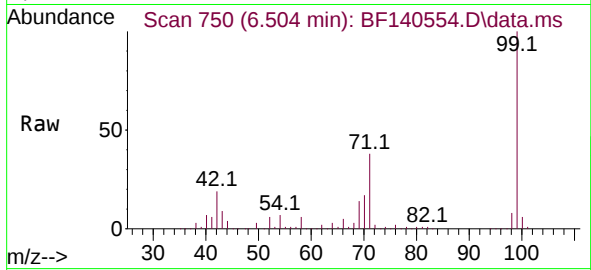
Tgt Ion: 99 Resp: 574520

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

71 38.4 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: BF140554.D

Acq: 21 Nov 2024 23:36

Tgt Ion: 136 Resp: 272289

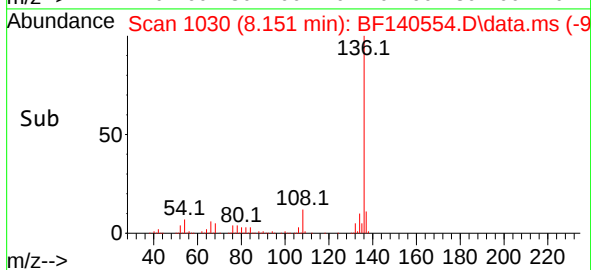
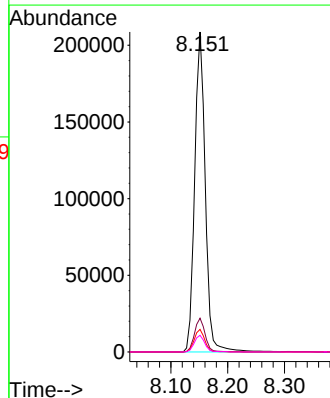
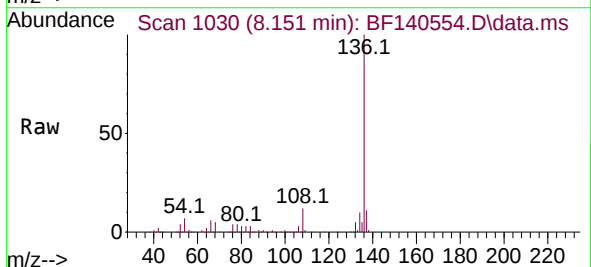
Ion Ratio Lower Upper

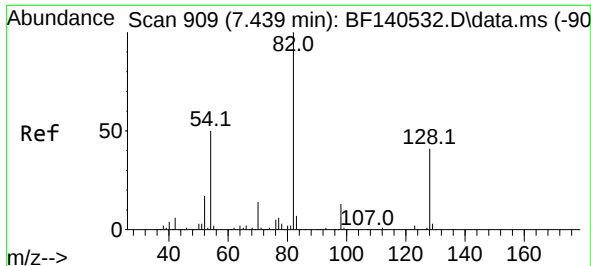
136 100

137 10.5 8.6 13.0

54 7.1 5.8 8.8

68 5.2 4.1 6.1

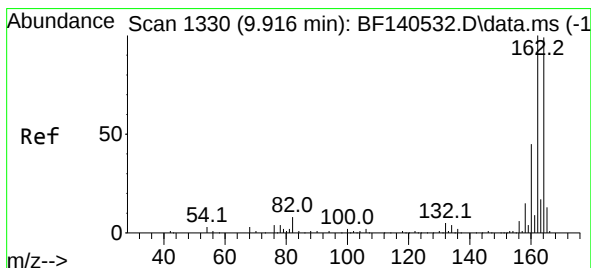
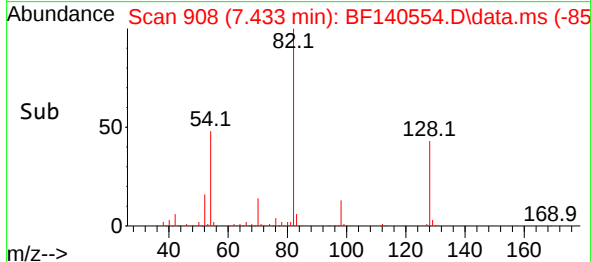
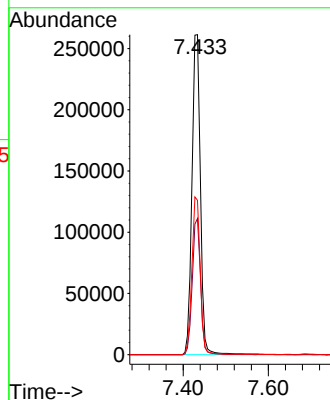
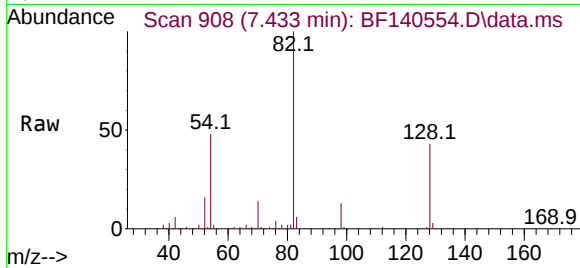




#23
Nitrobenzene-d5
Concen: 67.763 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

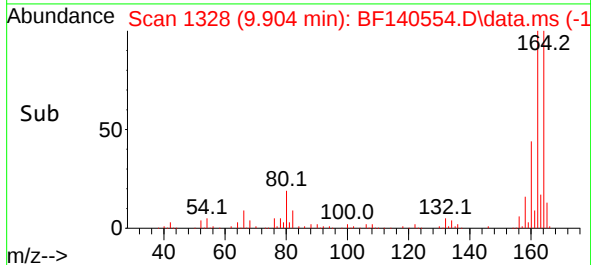
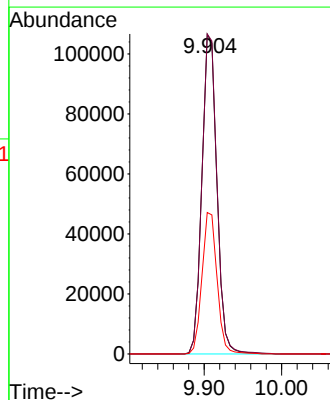
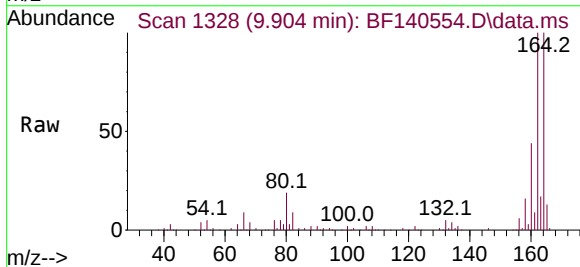
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

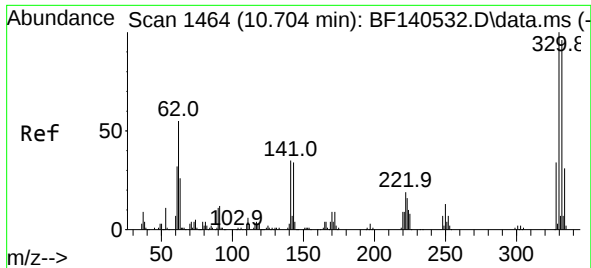
Tgt Ion: 82 Resp: 360723
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.2 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

Tgt Ion: 164 Resp: 143092
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.3 36.2 54.4

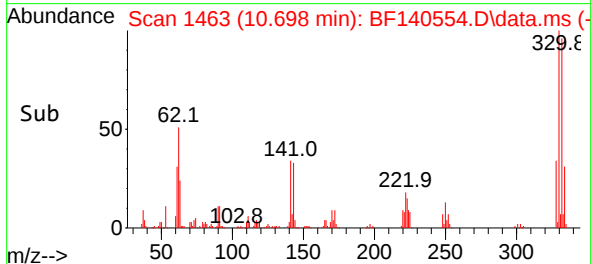
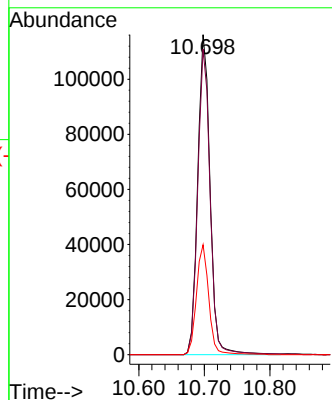
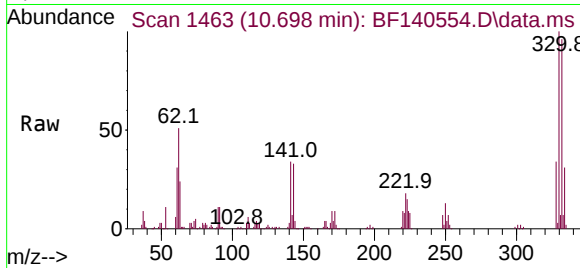




#42
2,4,6-Tribromophenol
Concen: 99.796 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

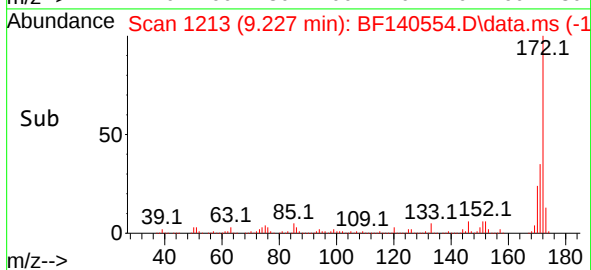
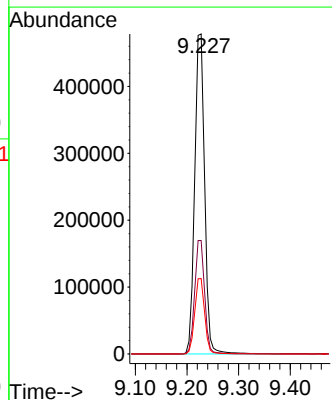
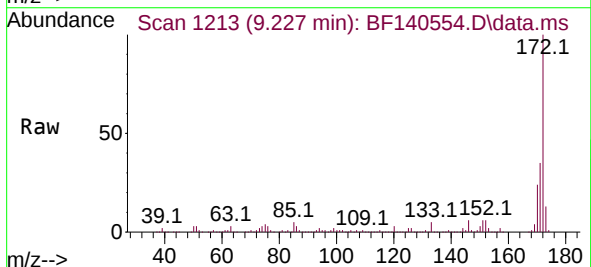
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

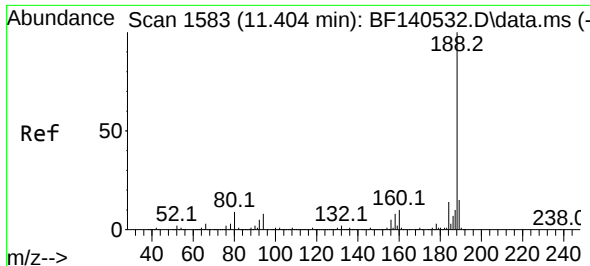
Tgt Ion:330 Resp: 152726
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 34.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 66.714 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

Tgt Ion:172 Resp: 640711
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6

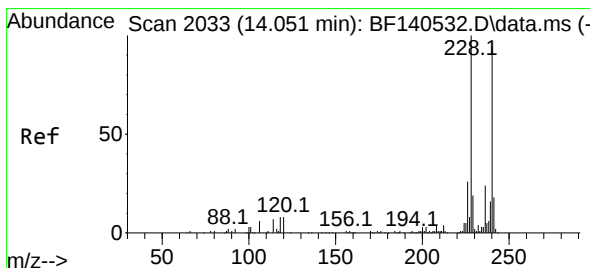
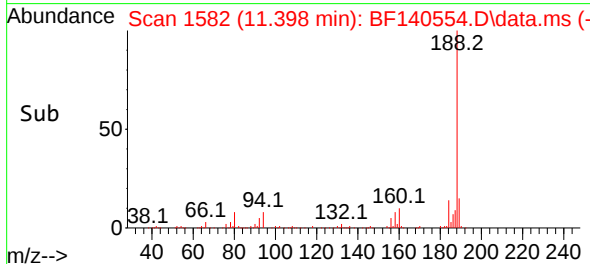
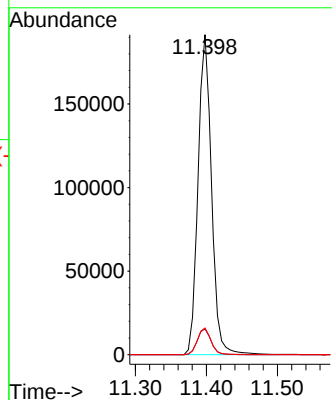
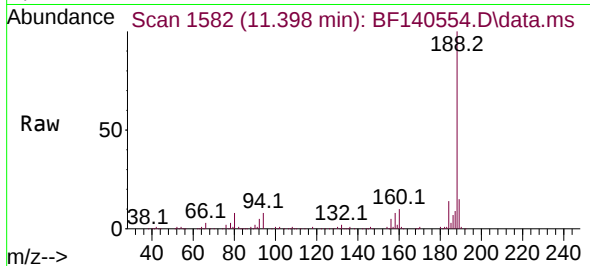




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

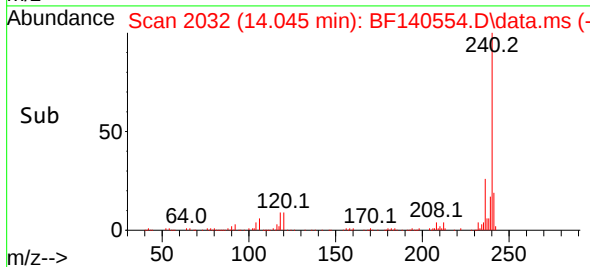
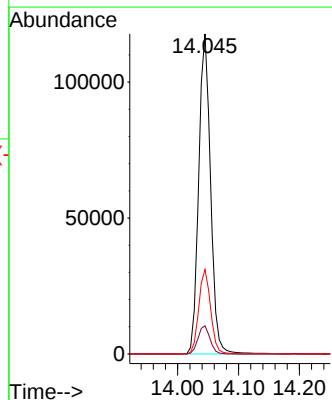
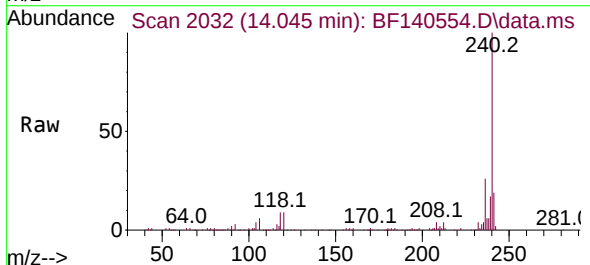
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

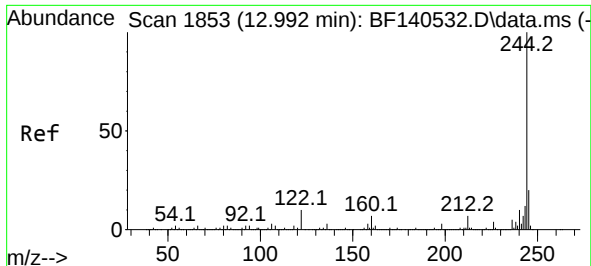
Tgt Ion:188 Resp: 253167
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140554.D
Acq: 21 Nov 2024 23:36

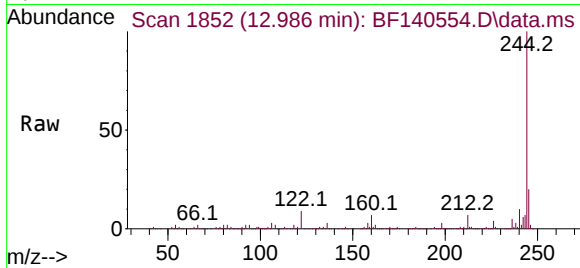
Tgt Ion:240 Resp: 158929
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.4 20.6 31.0



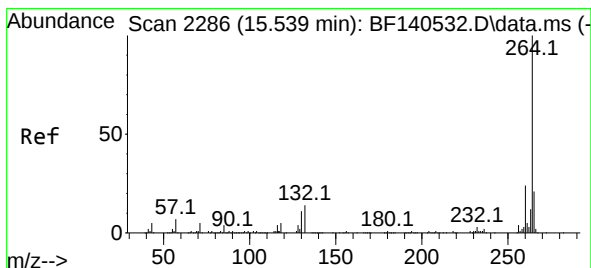
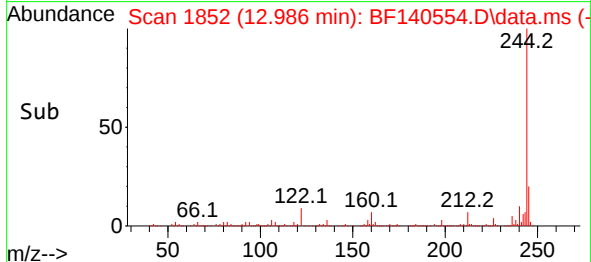
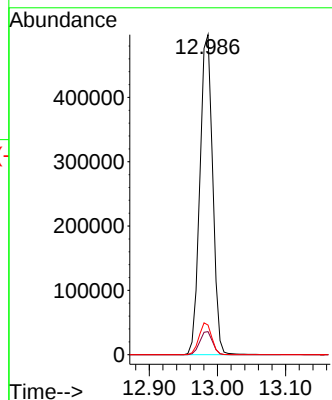


#79
 Terphenyl-d14
 Concen: 63.630 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140554.D
 Acq: 21 Nov 2024 23:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC



Tgt Ion:244 Resp: 649443
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.012 min
 Lab File: BF140554.D
 Acq: 21 Nov 2024 23:36

Tgt Ion:264 Resp: 127988
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.6 16.6 25.0

