

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140607.D
Acq On : 25 Nov 2024 17:15
Operator : RC/JU
Sample : P4892-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-310-SW

Quant Time: Nov 26 00:08:04 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	64480	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	239780	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131138	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	245059	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	178129	20.000	ng	0.00
86) Perylene-d12	15.551	264	139529	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298834	79.075	ng	0.00
7) Phenol-d6	6.504	99	355856	71.227	ng	-0.01
23) Nitrobenzene-d5	7.428	82	362946	77.424	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	186214	132.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	706233	80.240	ng	-0.01
79) Terphenyl-d14	12.980	244	962141	84.106	ng	-0.01

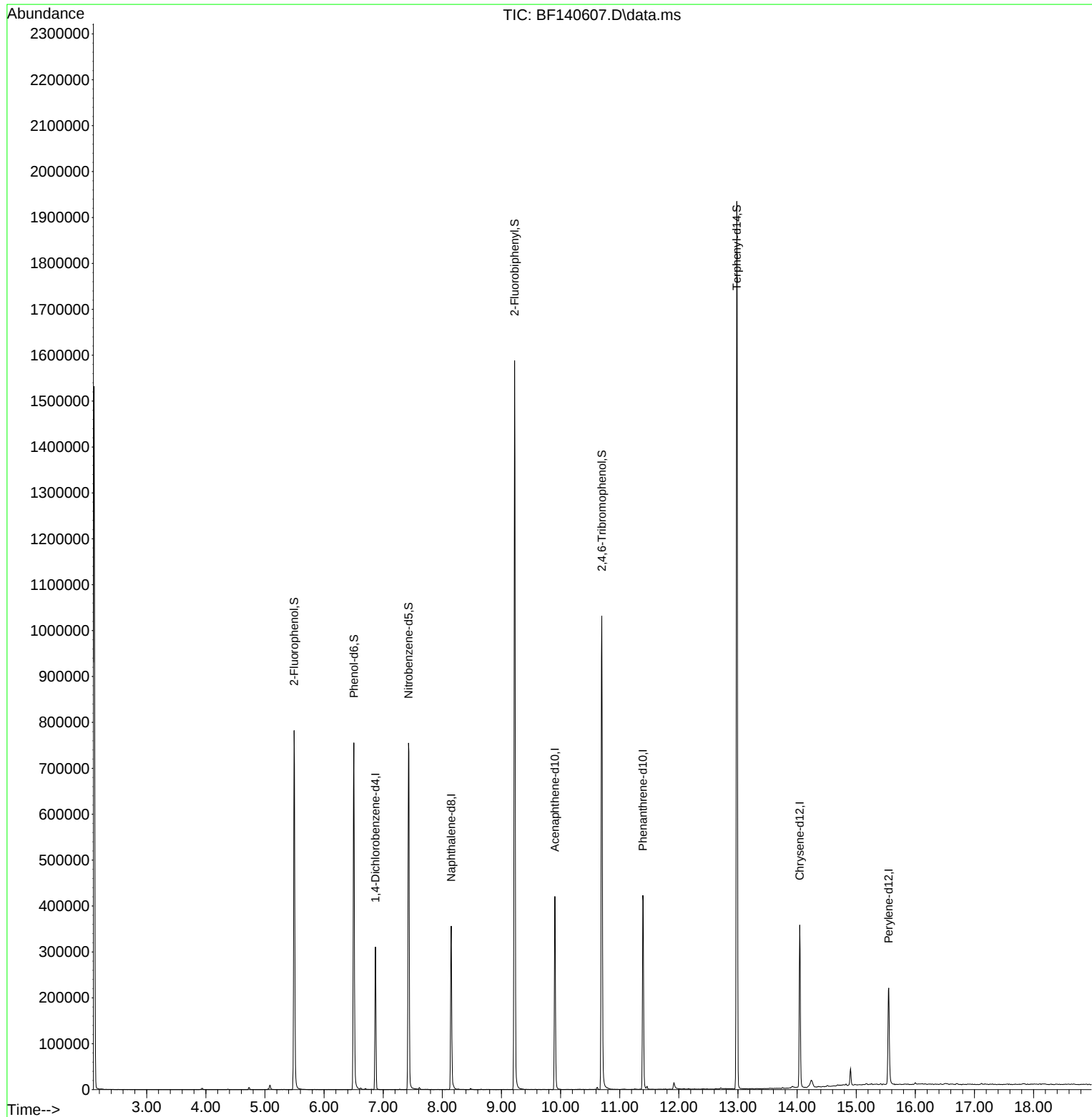
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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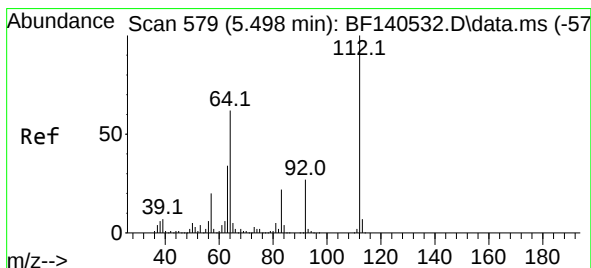
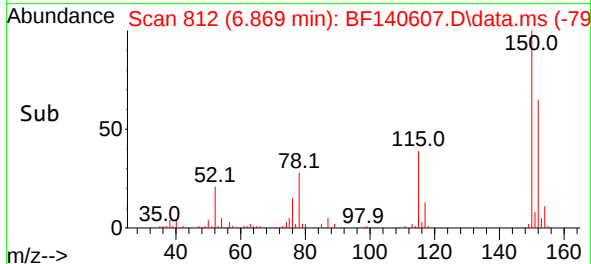
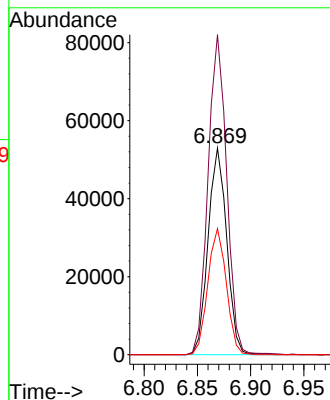
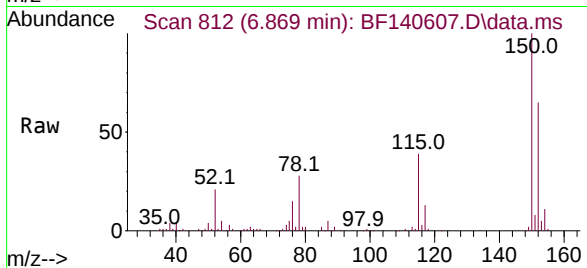




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140607.D
 Acq: 25 Nov 2024 17:15

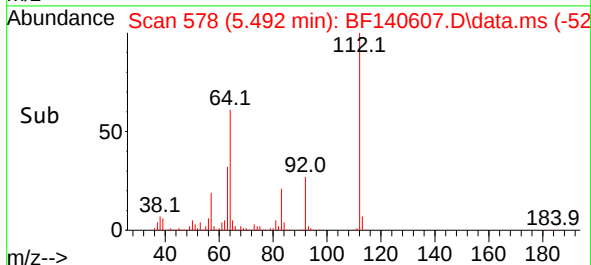
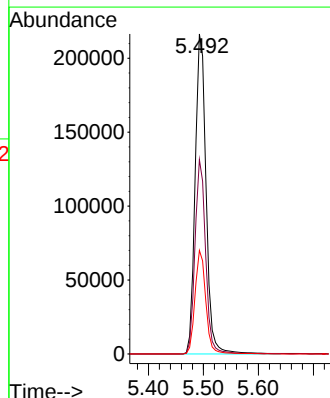
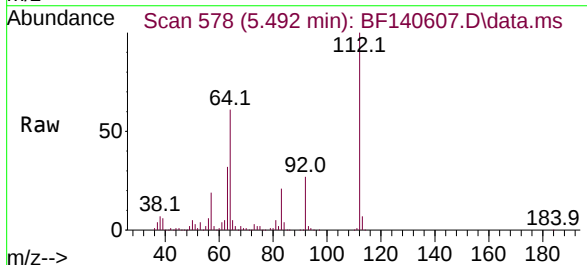
Instrument :
 BNA_F
 ClientSampleId :
 WB-310-SW

Tgt Ion:152 Resp: 64480
 Ion Ratio Lower Upper
 152 100
 150 154.7 128.5 192.7
 115 61.0 50.2 75.4



#5
 2-Fluorophenol
 Concen: 79.075 ng
 RT: 5.492 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: BF140607.D
 Acq: 25 Nov 2024 17:15

Tgt Ion:112 Resp: 298834
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.2 73.8
 63 32.4 27.0 40.4

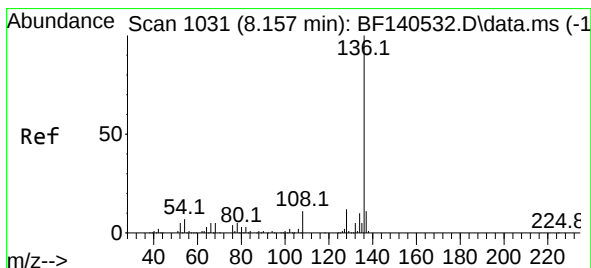
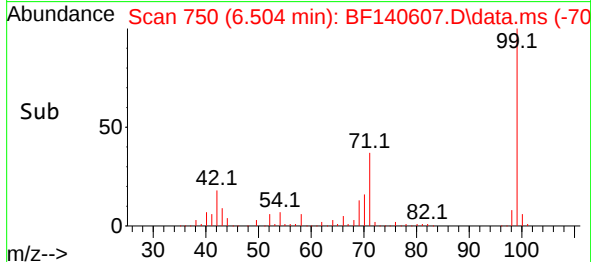
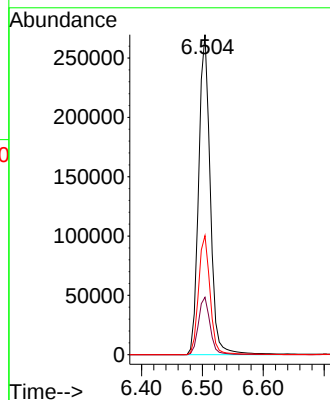
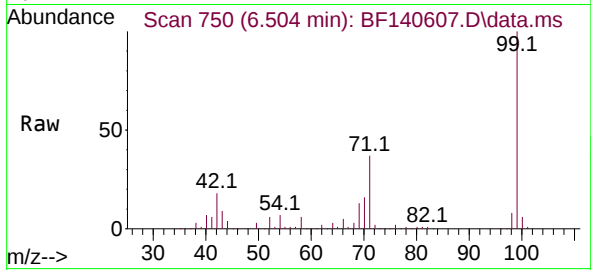




#7
Phenol-d6
Concen: 71.227 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

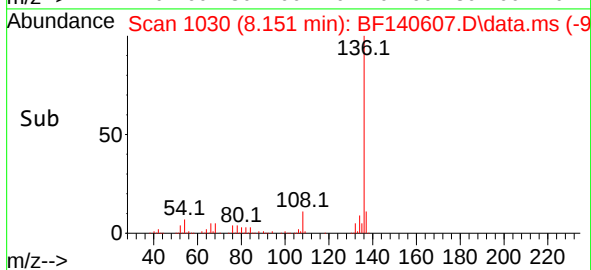
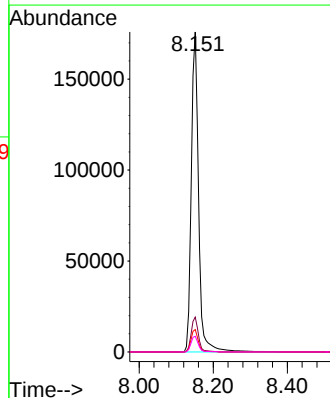
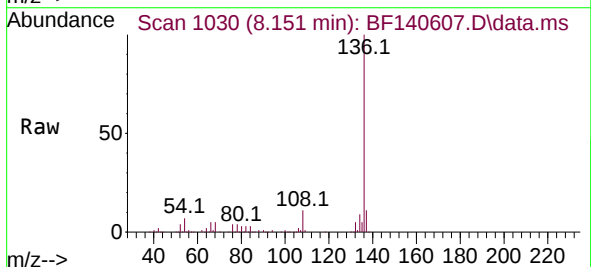
Instrument :
BNA_F
ClientSampleId :
WB-310-SW

Tgt Ion: 99 Resp: 355856
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.2 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: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion: 136 Resp: 239780
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.424 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Instrument :

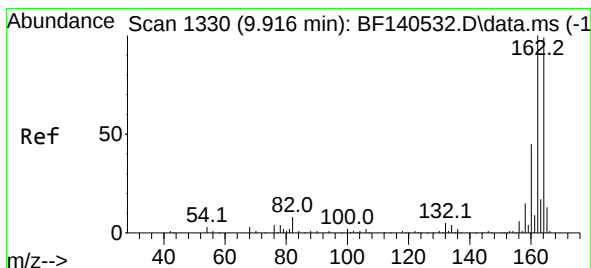
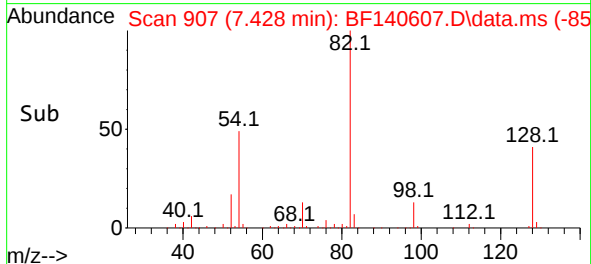
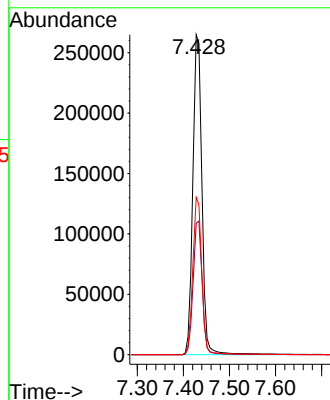
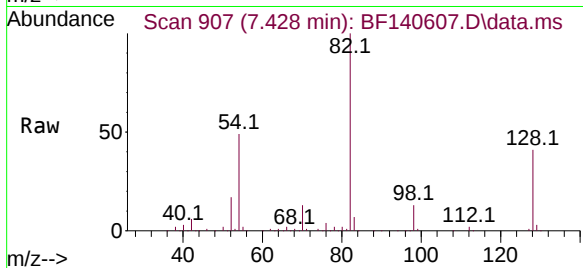
BNA_F

ClientSampleId :

WB-310-SW

Tgt Ion: 82 Resp: 362946

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.4
54	49.1	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

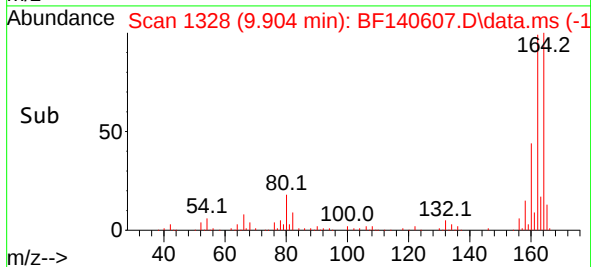
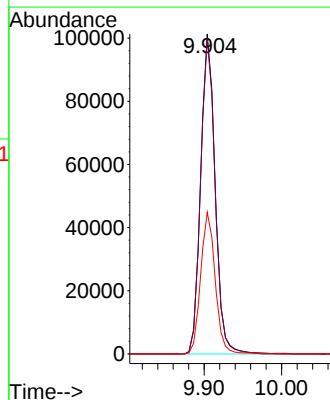
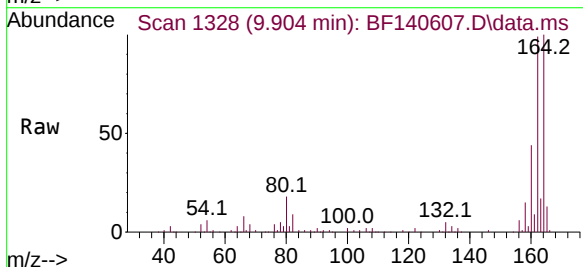
Delta R.T. -0.012 min

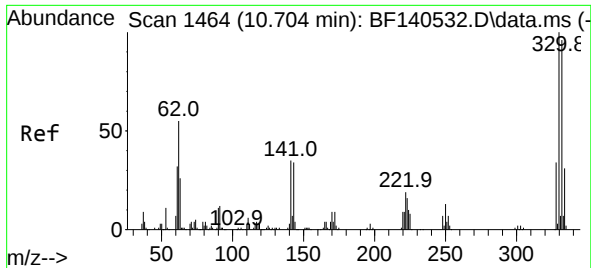
Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Tgt Ion:164 Resp: 131138

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	44.3	36.2	54.4

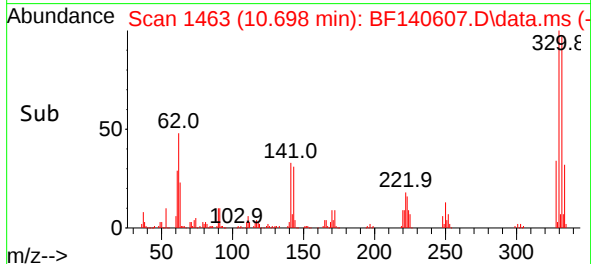
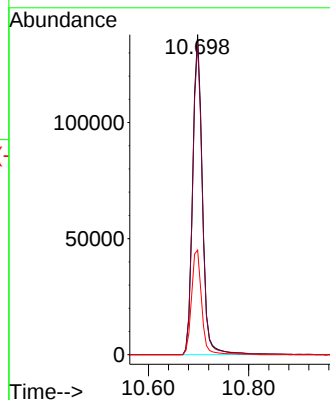
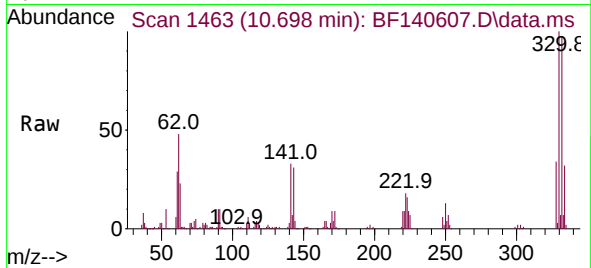




#42
2,4,6-Tribromophenol
Concen: 132.770 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

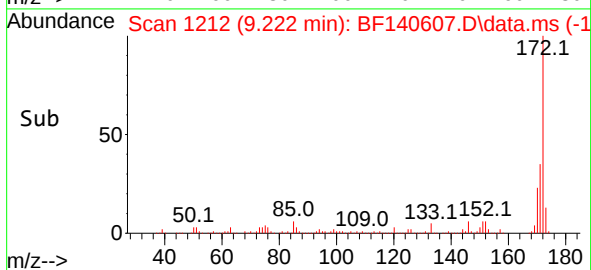
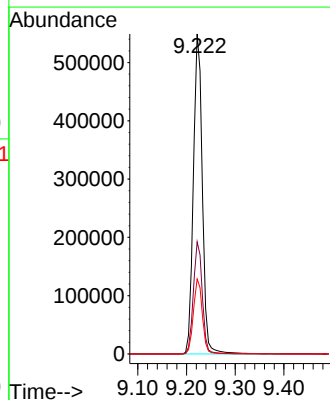
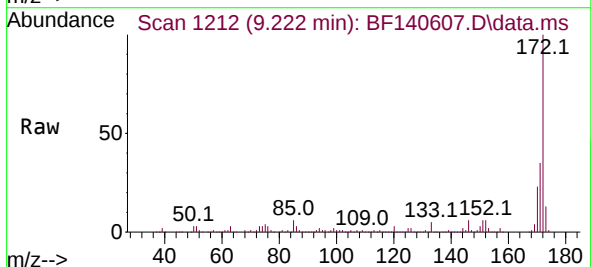
Instrument :
BNA_F
ClientSampleId :
WB-310-SW

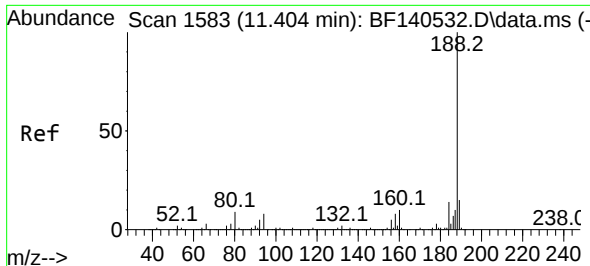
Tgt Ion:330 Resp: 186214
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 34.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 80.240 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion:172 Resp: 706233
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.0 28.6

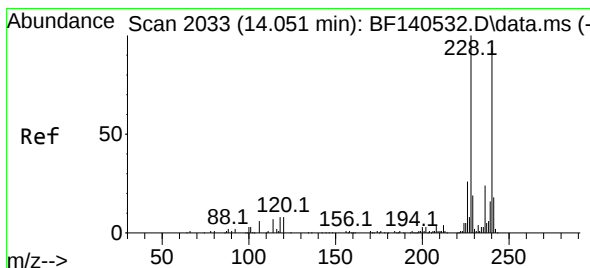
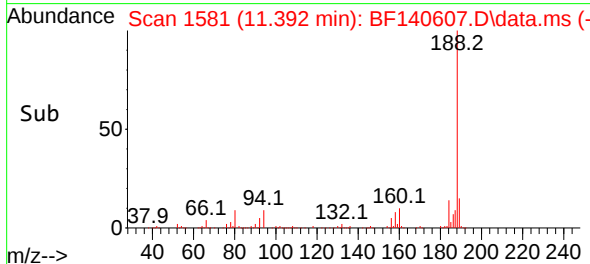
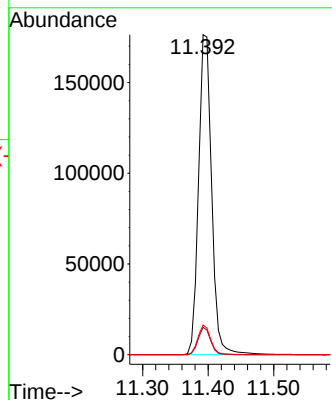
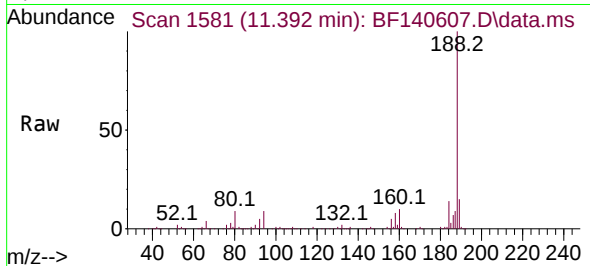




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

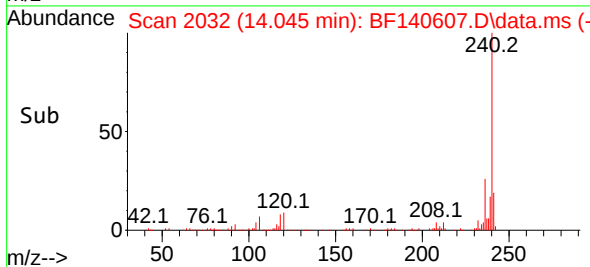
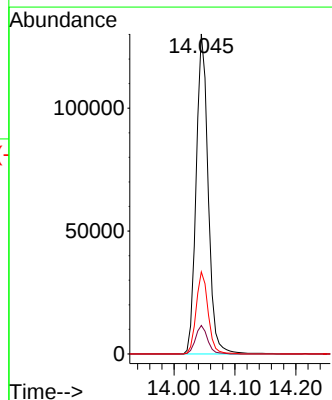
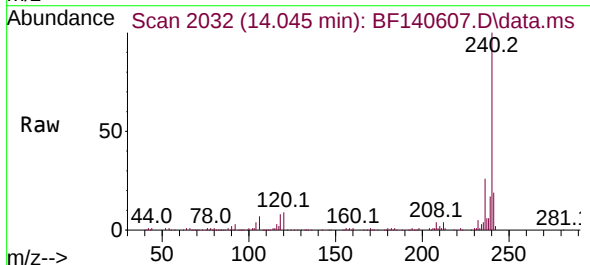
Instrument :
BNA_F
ClientSampleId :
WB-310-SW

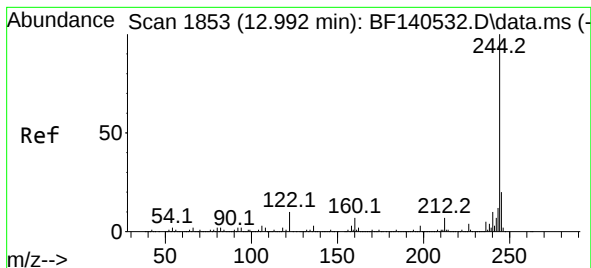
Tgt Ion:188 Resp: 245059
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion:240 Resp: 178129
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 84.106 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140607.D

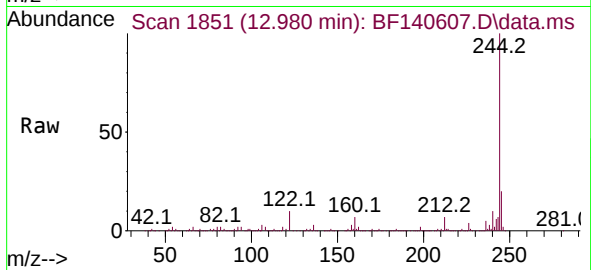
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Instrument :

BNA_F

ClientSampleId :

WB-310-SW



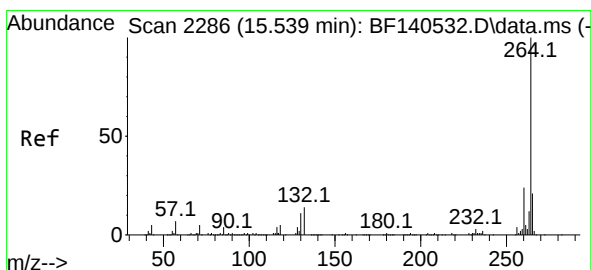
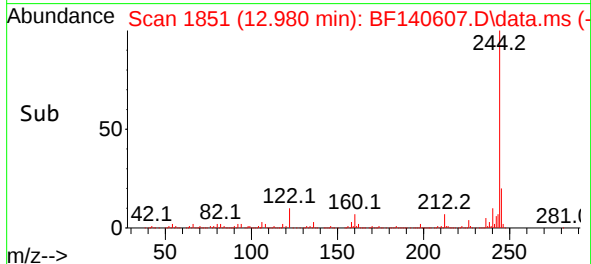
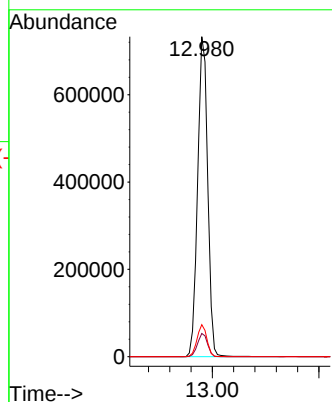
Tgt Ion:244 Resp: 962141

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Tgt Ion:264 Resp: 139529

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 20.9 16.6 25.0

