

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140605.D
 Acq On : 25 Nov 2024 16:17
 Operator : RC/JU
 Sample : PB165052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165052BL

Quant Time: Nov 25 17:17:09 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	100879	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377922	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	213827	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	407609	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220442	20.000	ng	0.00
86) Perylene-d12	15.545	264	187220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	817161	138.210	ng	0.01
7) Phenol-d6	6.504	99	1033854	132.267	ng	-0.01
23) Nitrobenzene-d5	7.428	82	681563	92.247	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	303405	132.671	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1333412	92.912	ng	-0.01
79) Terphenyl-d14	12.986	244	1438039	101.578	ng	0.00

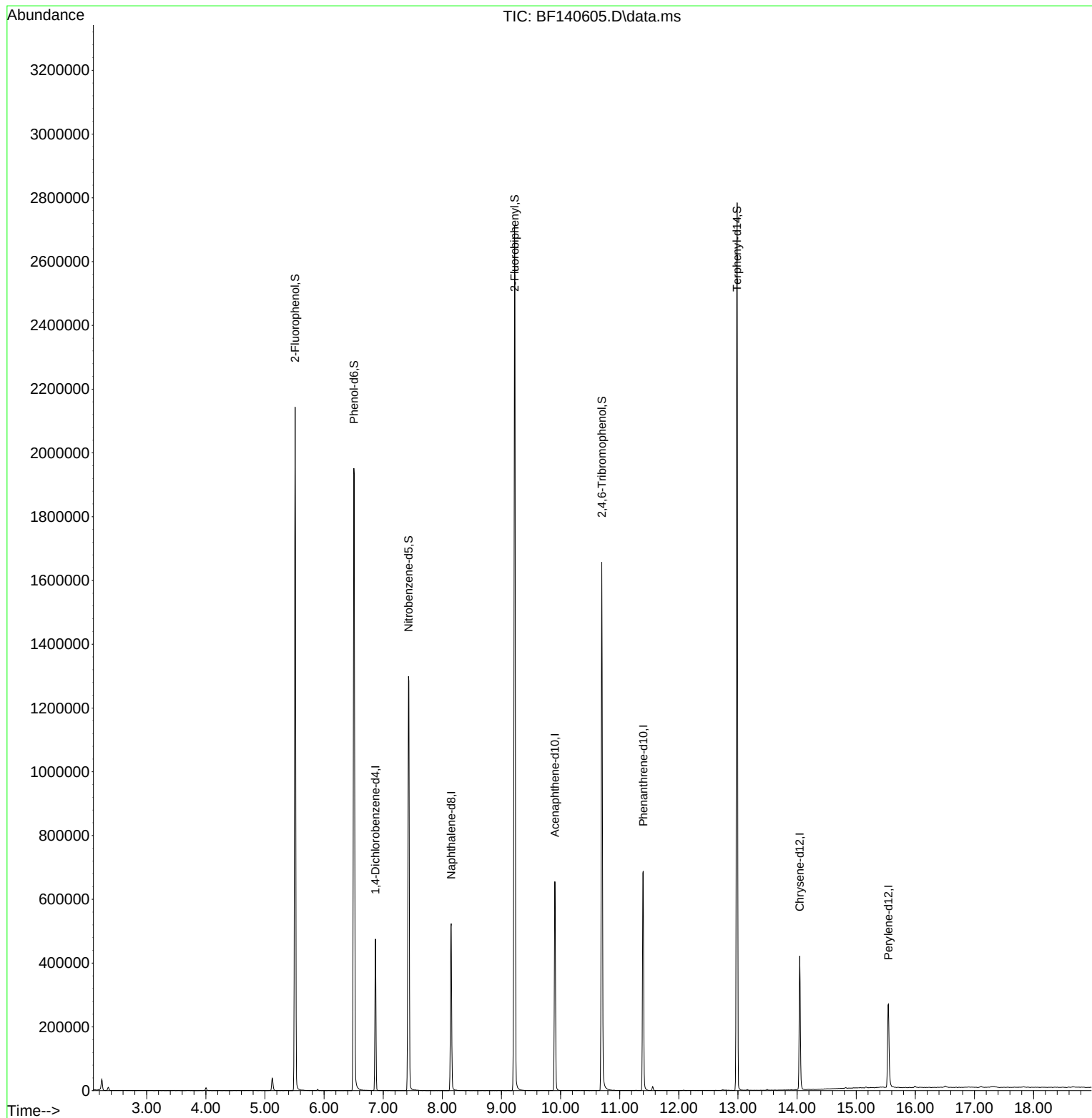
Target Compounds	Qvalue

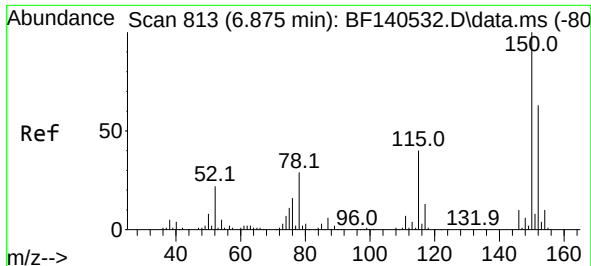
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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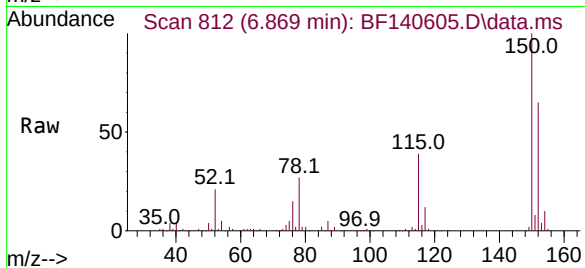
Quant Time: Nov 25 17:17:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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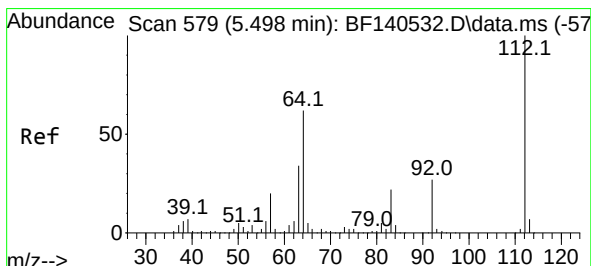
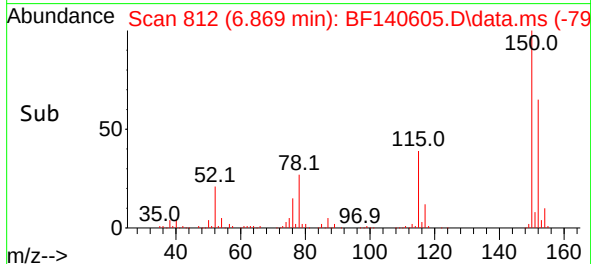
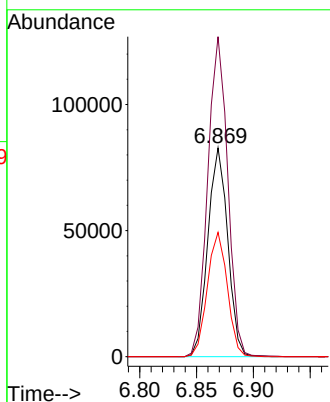


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140605.D
Acq: 25 Nov 2024 16:17

Instrument :
BNA_F
ClientSampleId :
PB165052BL

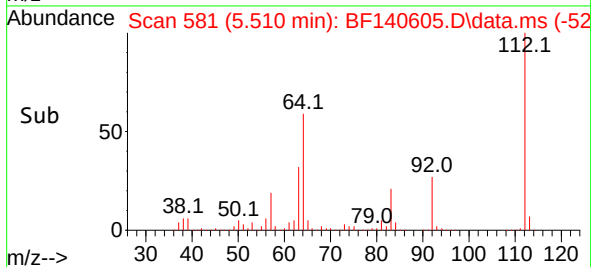
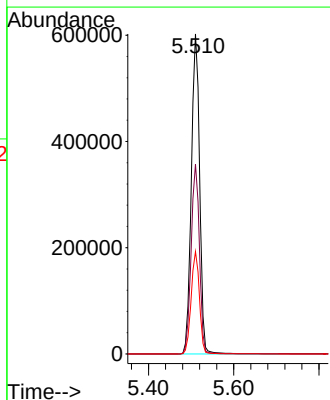
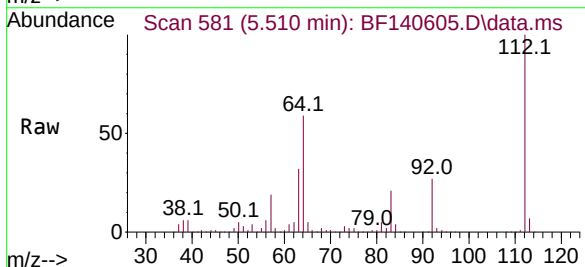


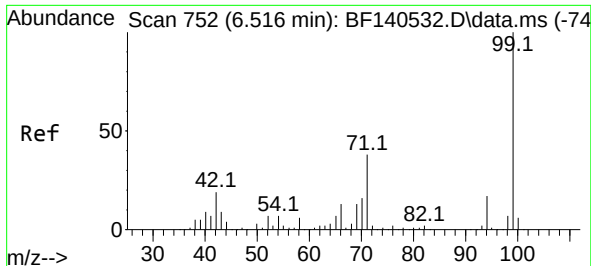
Tgt Ion:152 Resp: 100879
Ion Ratio Lower Upper
152 100
150 153.2 128.5 192.7
115 59.6 50.2 75.4



#5
2-Fluorophenol
Concen: 138.210 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140605.D
Acq: 25 Nov 2024 16:17

Tgt Ion:112 Resp: 817161
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.0 27.0 40.4

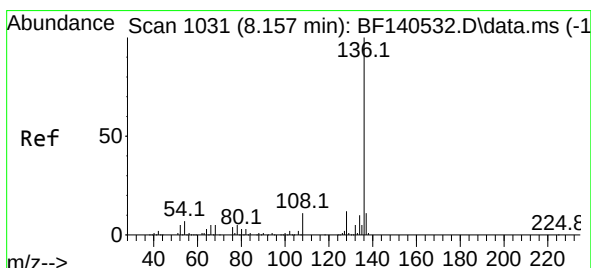
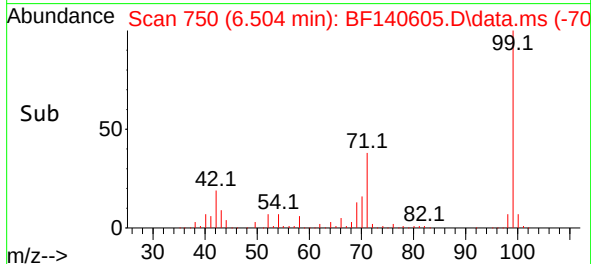
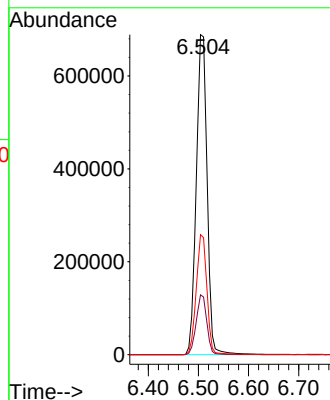
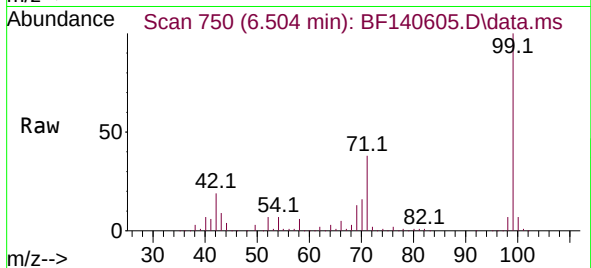




#7
Phenol-d6
Concen: 132.267 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140605.D
Acq: 25 Nov 2024 16:17

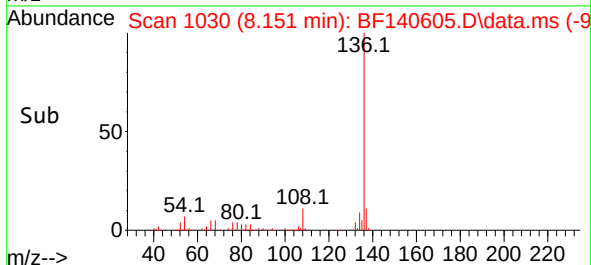
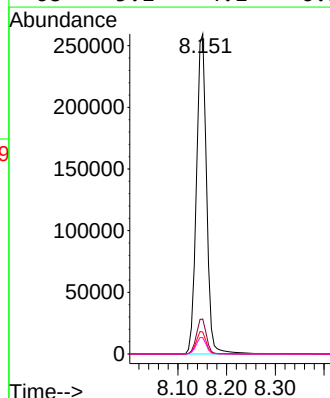
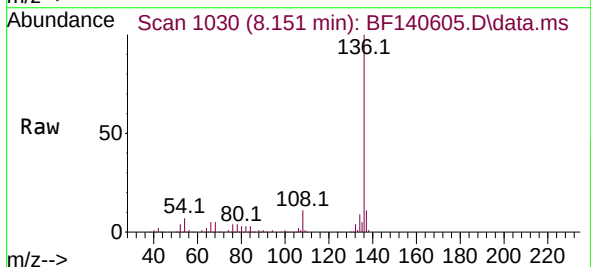
Instrument :
BNA_F
ClientSampleId :
PB165052BL

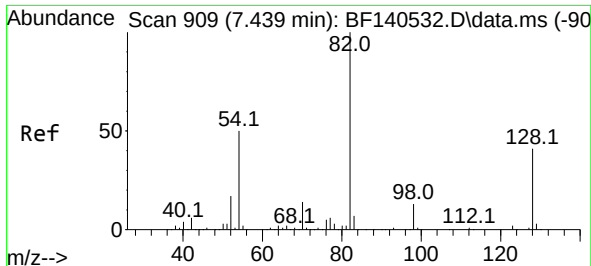
Tgt Ion: 99 Resp: 1033854
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140605.D
Acq: 25 Nov 2024 16:17

Tgt Ion: 136 Resp: 377922
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

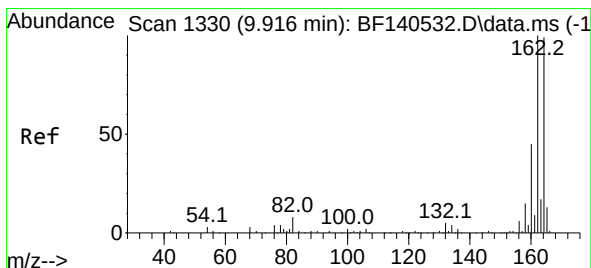
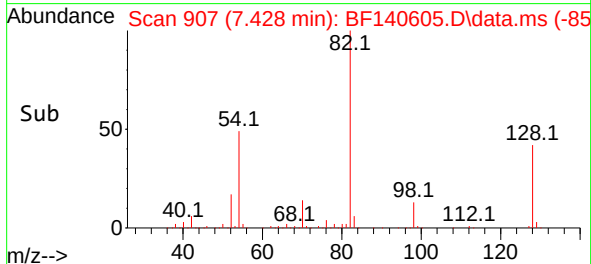
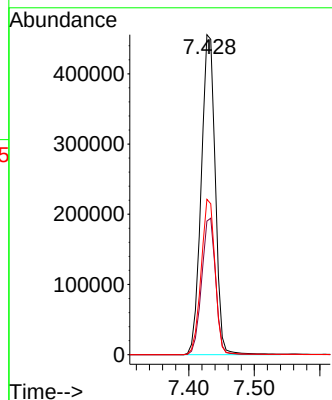
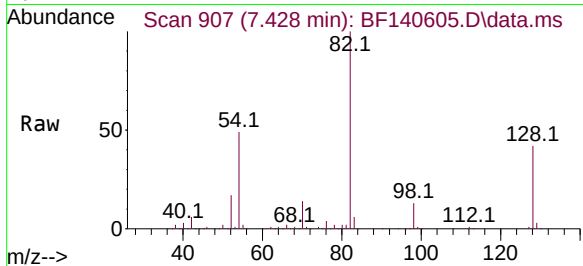




#23
 Nitrobenzene-d5
 Concen: 92.247 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140605.D
 Acq: 25 Nov 2024 16:17

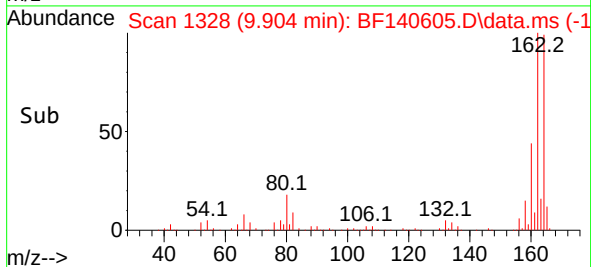
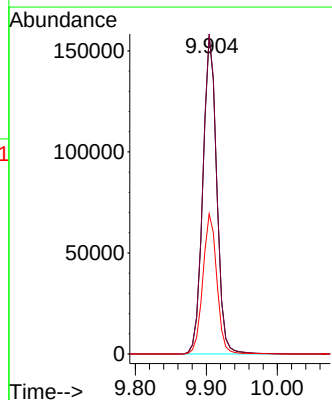
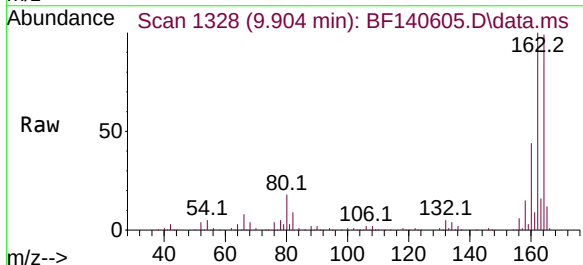
Instrument :
 BNA_F
 ClientSampleId :
 PB165052BL

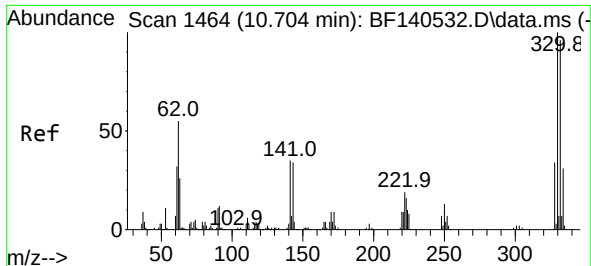
Tgt Ion: 82 Resp: 681563
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.0 49.4
 54 48.5 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140605.D
 Acq: 25 Nov 2024 16:17

Tgt Ion:164 Resp: 213827
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 132.671 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140605.D

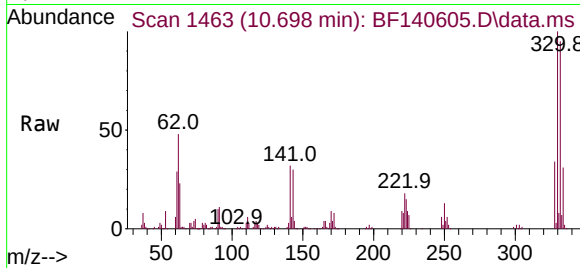
Acq: 25 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

PB165052BL



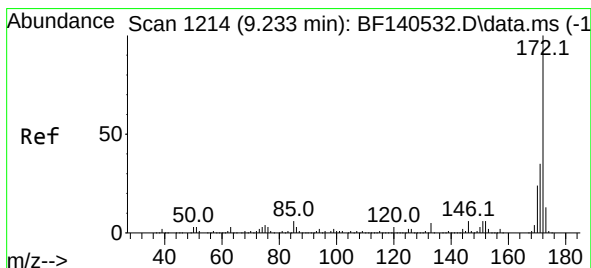
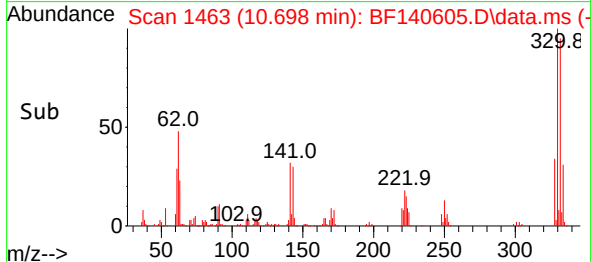
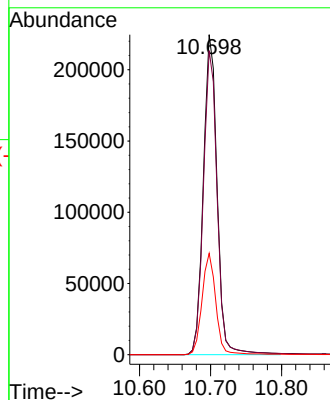
Tgt Ion:330 Resp: 303405

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 31.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 92.912 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140605.D

Acq: 25 Nov 2024 16:17

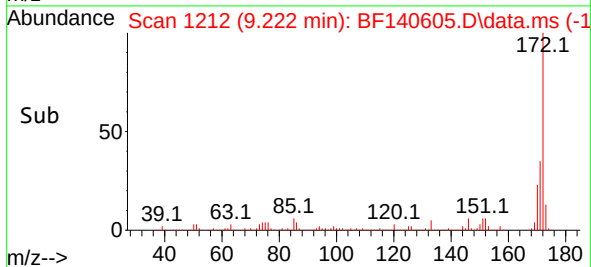
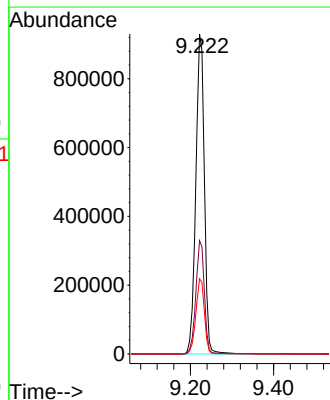
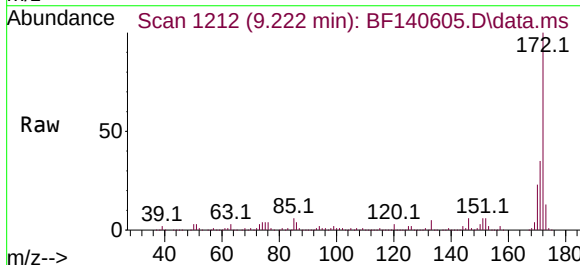
Tgt Ion:172 Resp: 1333412

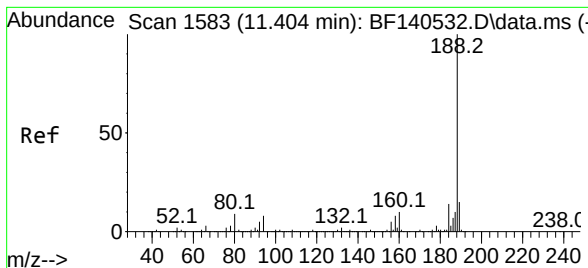
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 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: BF140605.D

Acq: 25 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

PB165052BL

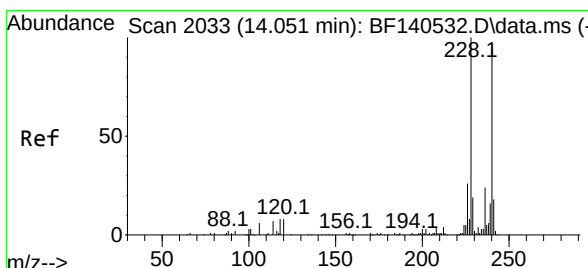
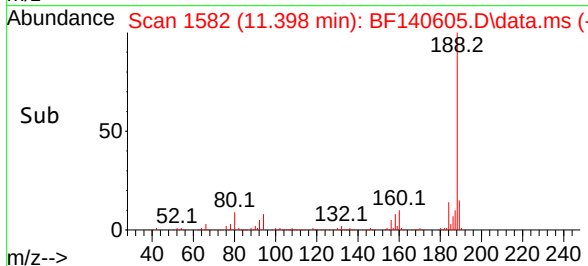
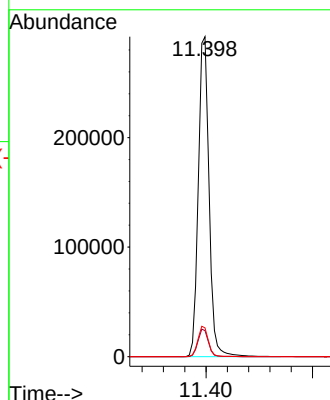
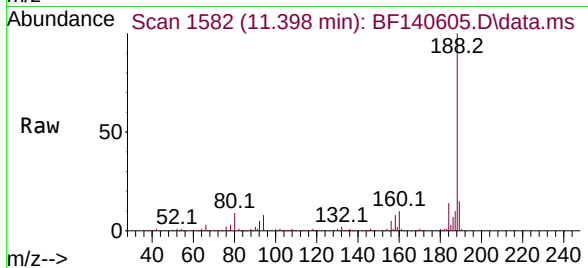
Tgt Ion:188 Resp: 407609

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.0 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: BF140605.D

Acq: 25 Nov 2024 16:17

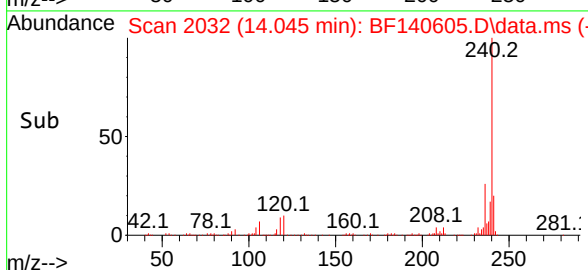
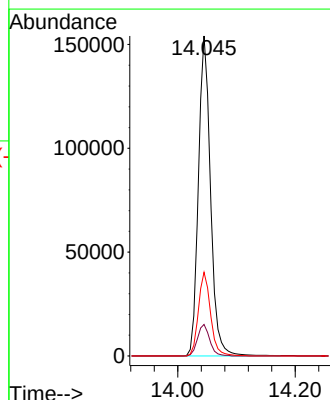
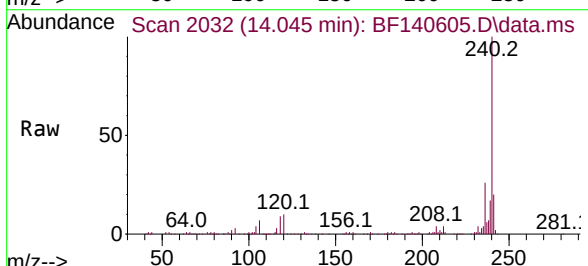
Tgt Ion:240 Resp: 220442

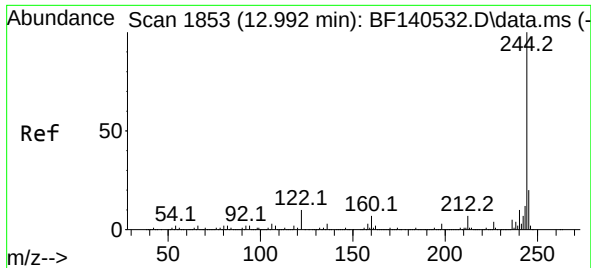
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 26.2 20.6 31.0

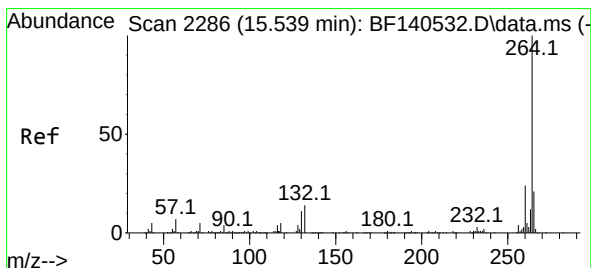
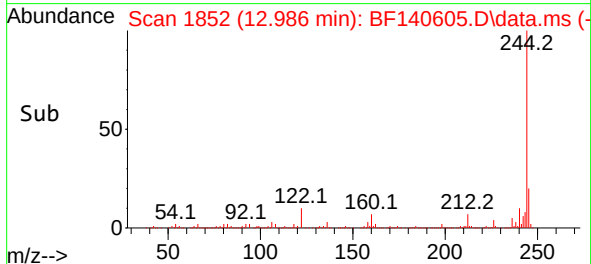
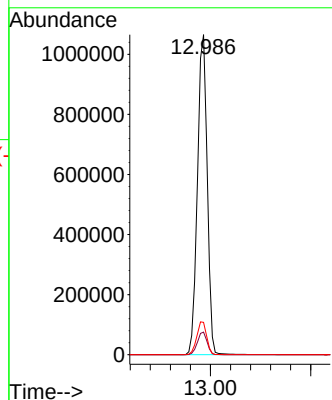
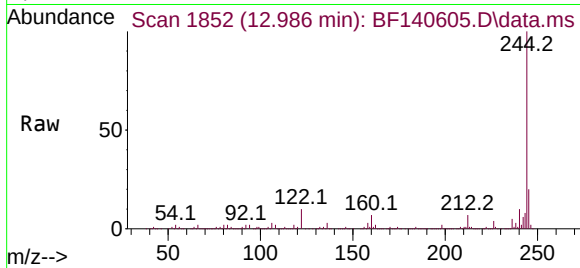




#79
 Terphenyl-d14
 Concen: 101.578 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140605.D
 Acq: 25 Nov 2024 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB165052BL

Tgt Ion:244 Resp: 1438039
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140605.D
 Acq: 25 Nov 2024 16:17

Tgt Ion:264 Resp: 187220
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 20.8 16.6 25.0

