

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140664.D
 Acq On : 27 Nov 2024 12:45
 Operator : RC/JU
 Sample : P4938-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 27 13:06:54 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	78972	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301949	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	176702	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363564	20.000	ng	0.00
76) Chrysene-d12	14.045	240	276420	20.000	ng	0.00
86) Perylene-d12	15.545	264	227099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	680747	147.077	ng	0.01
7) Phenol-d6	6.510	99	881128	143.999	ng	0.00
23) Nitrobenzene-d5	7.434	82	574194	97.269	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	317107	167.796	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1111348	93.708	ng	-0.01
79) Terphenyl-d14	12.986	244	1571465	88.524	ng	0.00

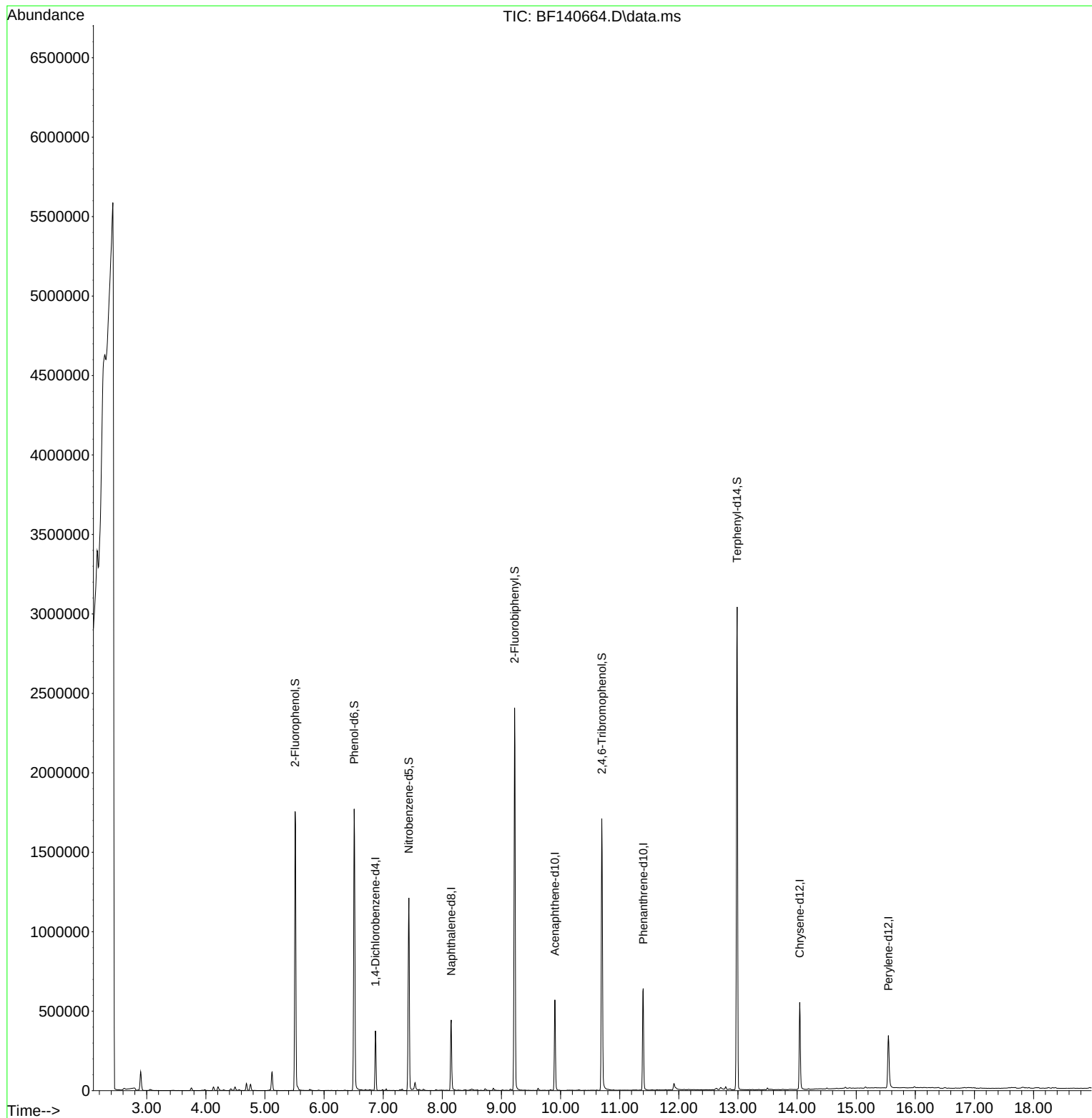
Target Compounds	Qvalue

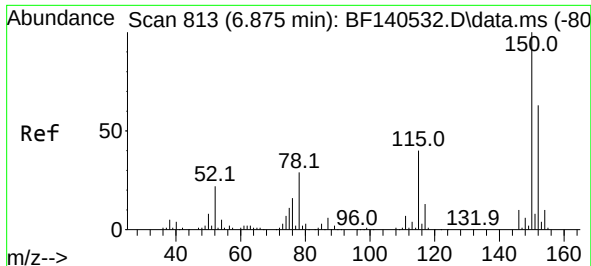
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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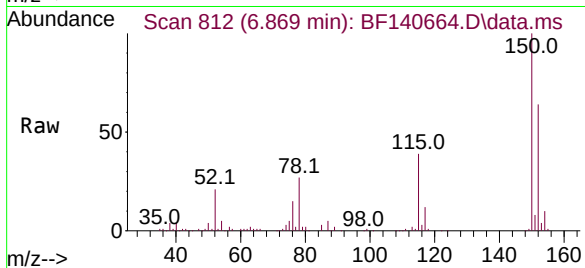
Quant Time: Nov 27 13:06:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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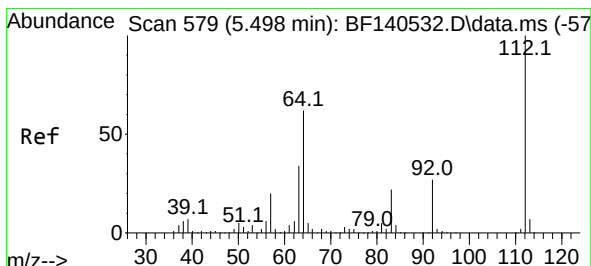
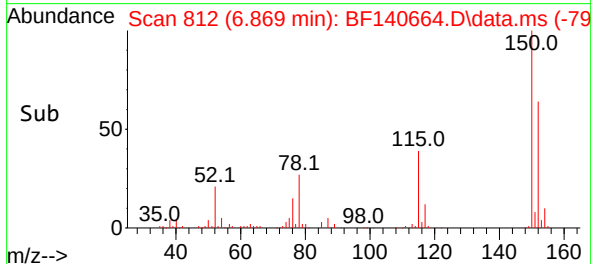
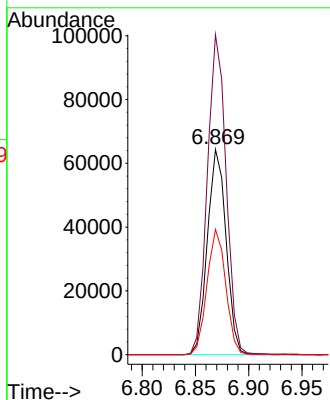


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Instrument :
BNA_F
ClientSampleId :
MH-732

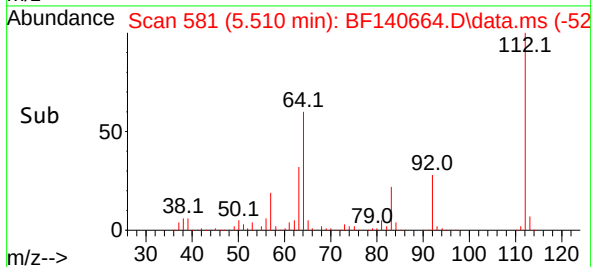
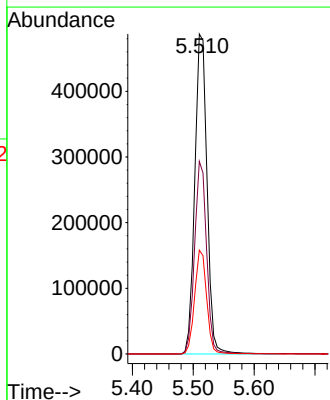
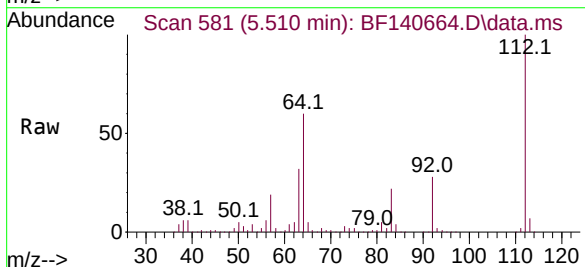


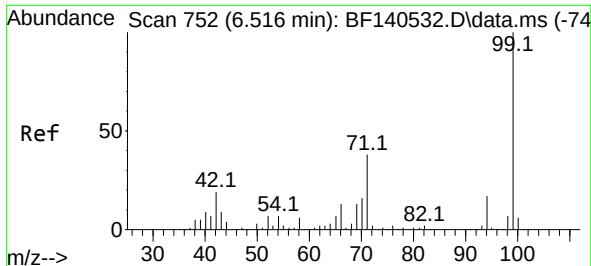
Tgt Ion:152 Resp: 78972
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 147.077 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:112 Resp: 680747
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.5 27.0 40.4

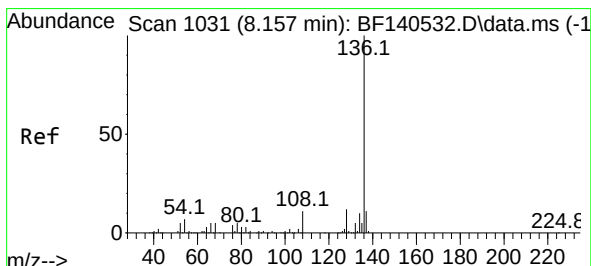
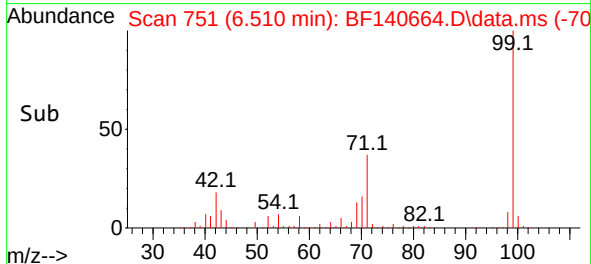
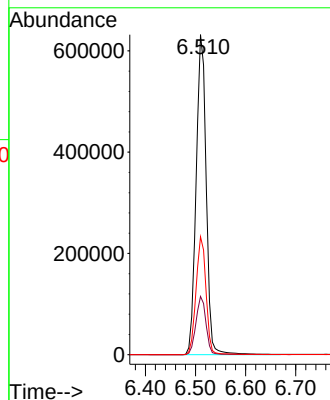
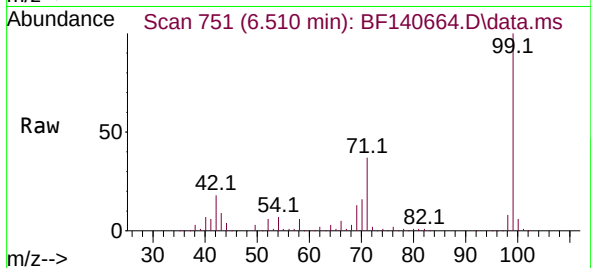




#7
Phenol-d6
Concen: 143.999 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

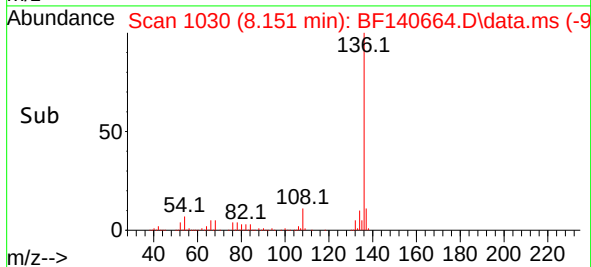
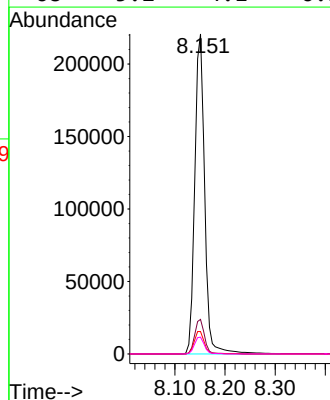
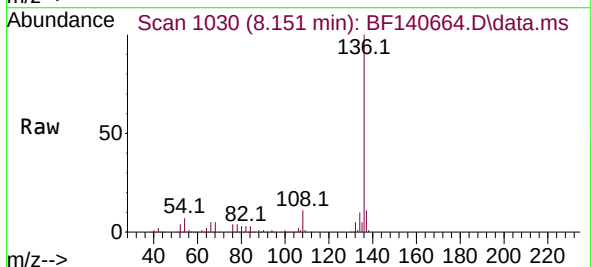
Instrument :
BNA_F
ClientSampleId :
MH-732

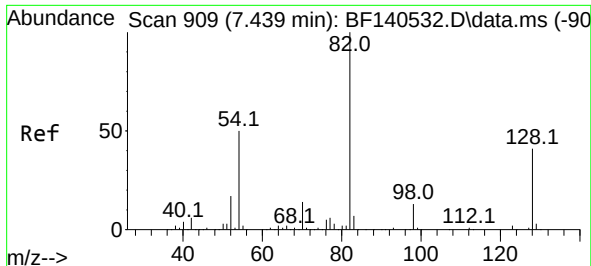
Tgt Ion: 99 Resp: 881128
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 136 Resp: 301949
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1

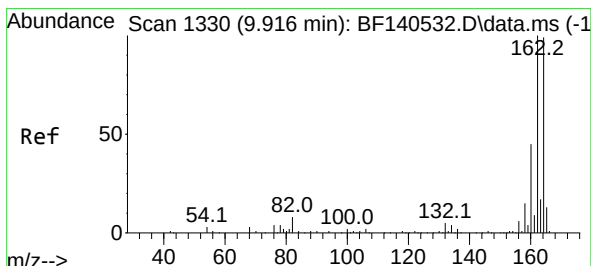
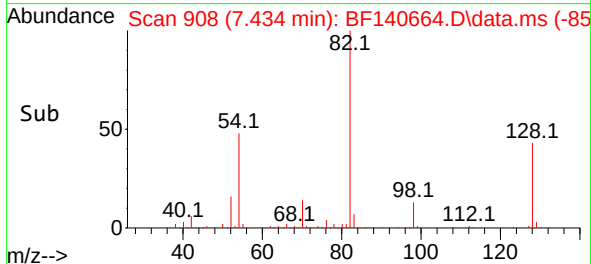
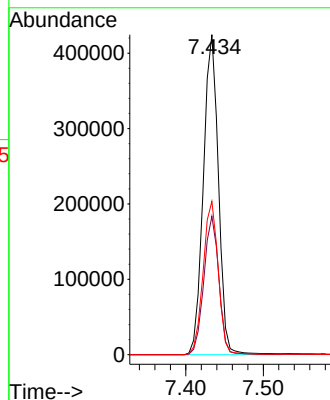
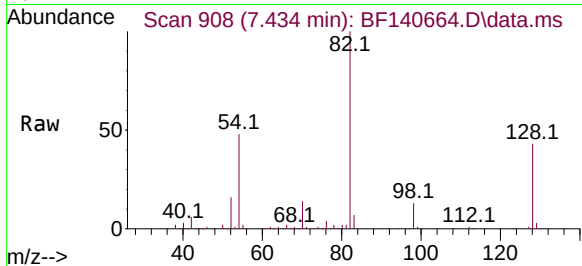




#23
Nitrobenzene-d5
Concen: 97.269 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

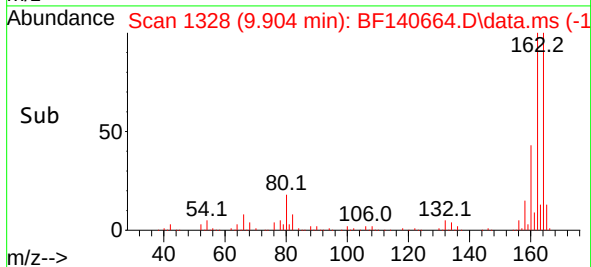
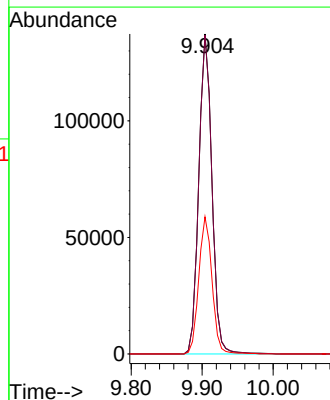
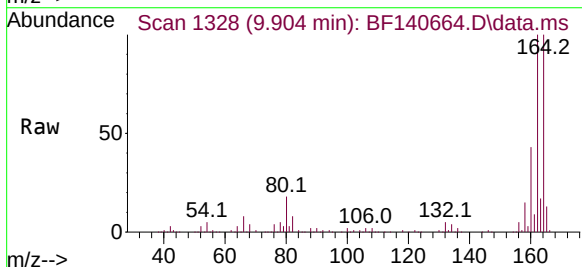
Instrument :
BNA_F
ClientSampleId :
MH-732

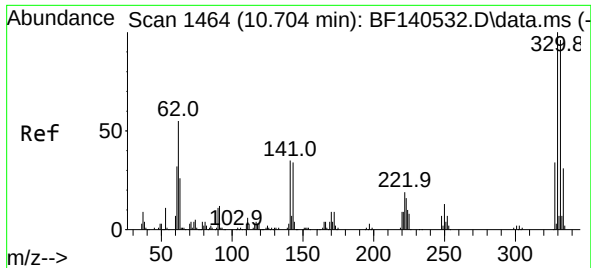
Tgt Ion: 82 Resp: 574194
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 47.9 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:164 Resp: 176702
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 42.9 36.2 54.4

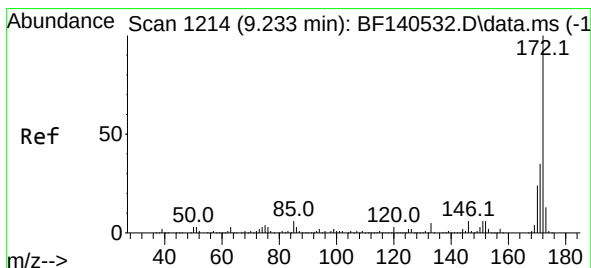
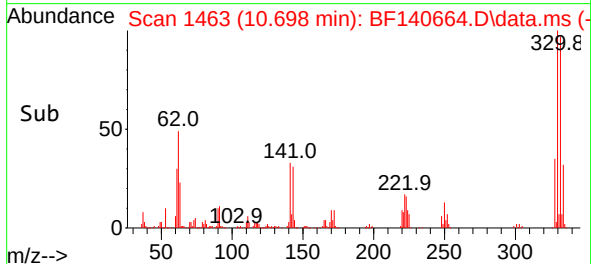
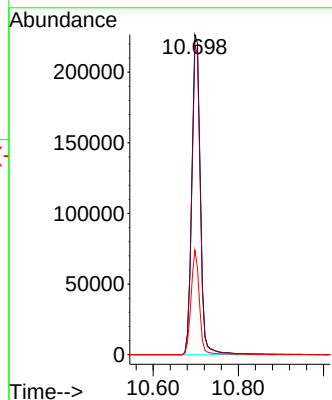
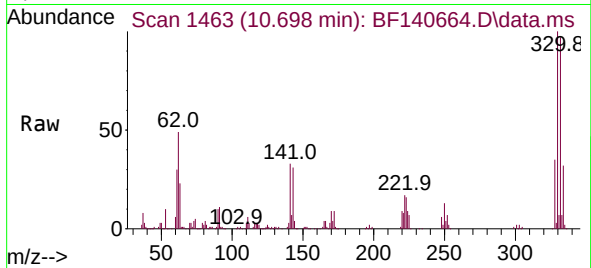




#42
2,4,6-Tribromophenol
Concen: 167.796 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

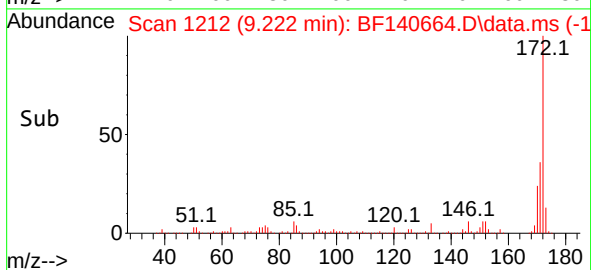
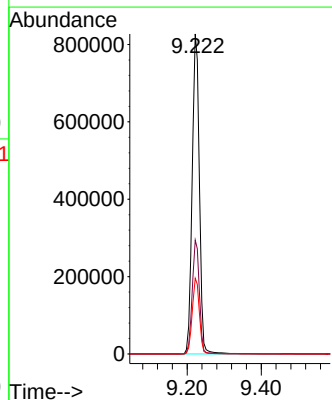
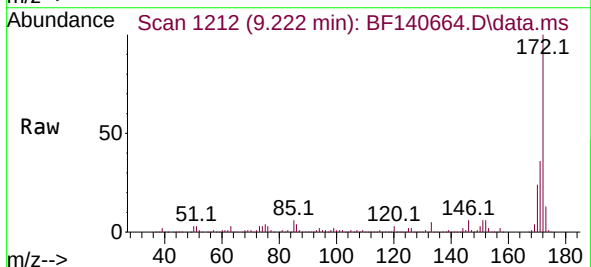
Instrument :
BNA_F
ClientSampleId :
MH-732

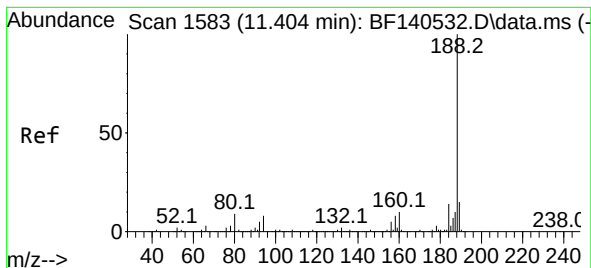
Tgt Ion:330 Resp: 317107
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 31.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 93.708 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:172 Resp: 1111348
Ion Ratio Lower Upper
172 100
171 35.6 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: BF140664.D

Acq: 27 Nov 2024 12:45

Instrument :

BNA_F

ClientSampleId :

MH-732

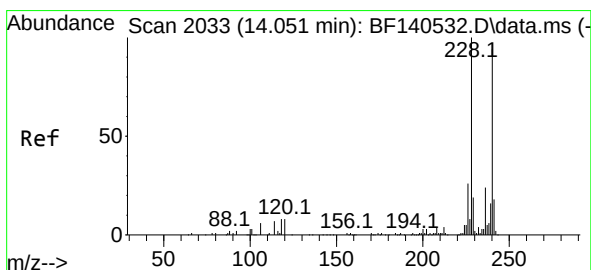
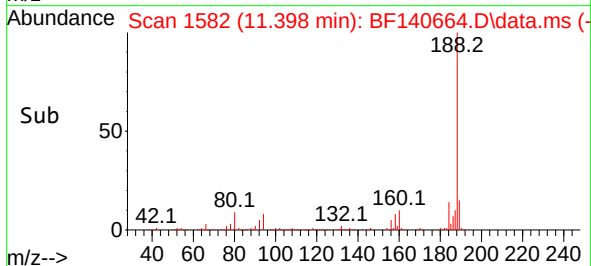
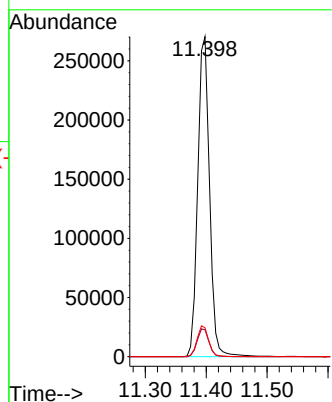
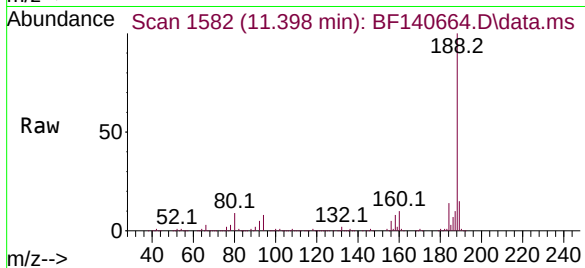
Tgt Ion:188 Resp: 363564

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.1 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: BF140664.D

Acq: 27 Nov 2024 12:45

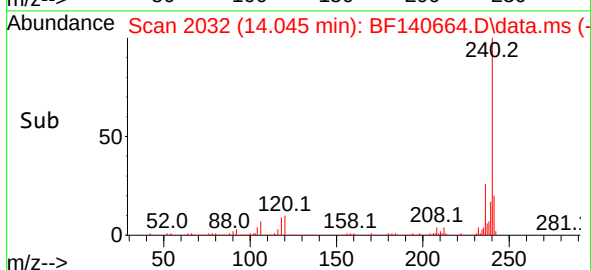
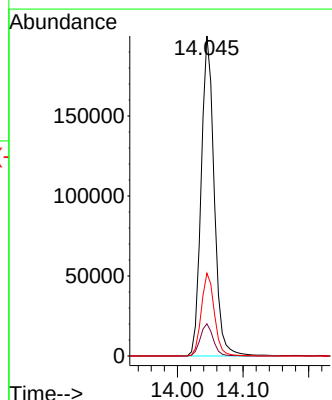
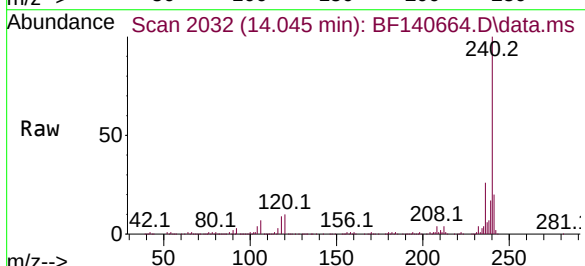
Tgt Ion:240 Resp: 276420

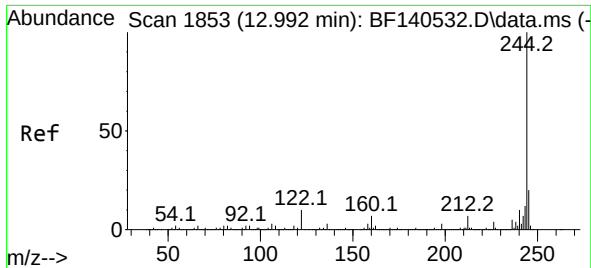
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

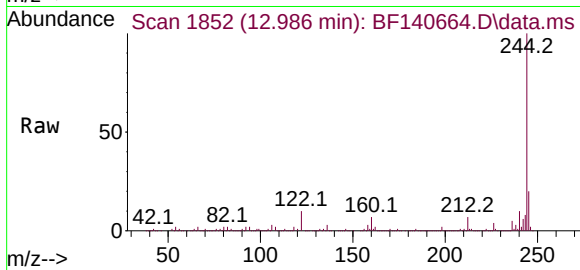
236 25.9 20.6 31.0



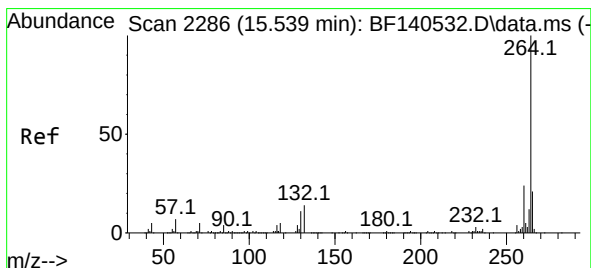
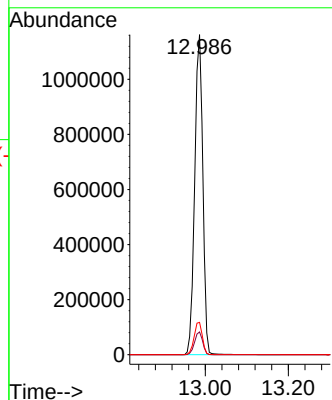
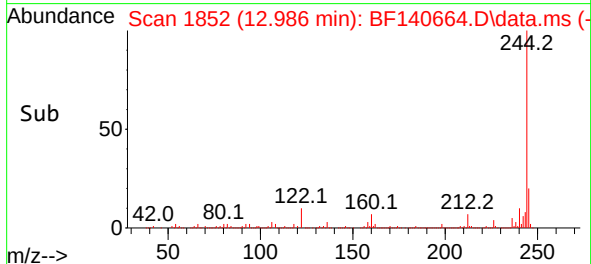


#79
 Terphenyl-d14
 Concen: 88.524 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140664.D
 Acq: 27 Nov 2024 12:45

Instrument :
 BNA_F
 ClientSampleId :
 MH-732



Tgt Ion:244 Resp: 1571465
 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: BF140664.D
 Acq: 27 Nov 2024 12:45

Tgt Ion:264 Resp: 227099
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.1 16.6 25.0

