

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140663.D
 Acq On : 27 Nov 2024 12:19
 Operator : RC/JU
 Sample : P4985-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

Quant Time: Nov 27 12:47:48 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	75995	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	286954	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161508	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	322573	20.000	ng	0.00
76) Chrysene-d12	14.045	240	241616	20.000	ng	0.00
86) Perylene-d12	15.539	264	156641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621694	139.580	ng	0.01
7) Phenol-d6	6.510	99	788710	133.945	ng	0.00
23) Nitrobenzene-d5	7.434	82	525724	93.712	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	271162	156.982	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1039312	95.879	ng	-0.01
79) Terphenyl-d14	12.986	244	1348490	86.905	ng	0.00

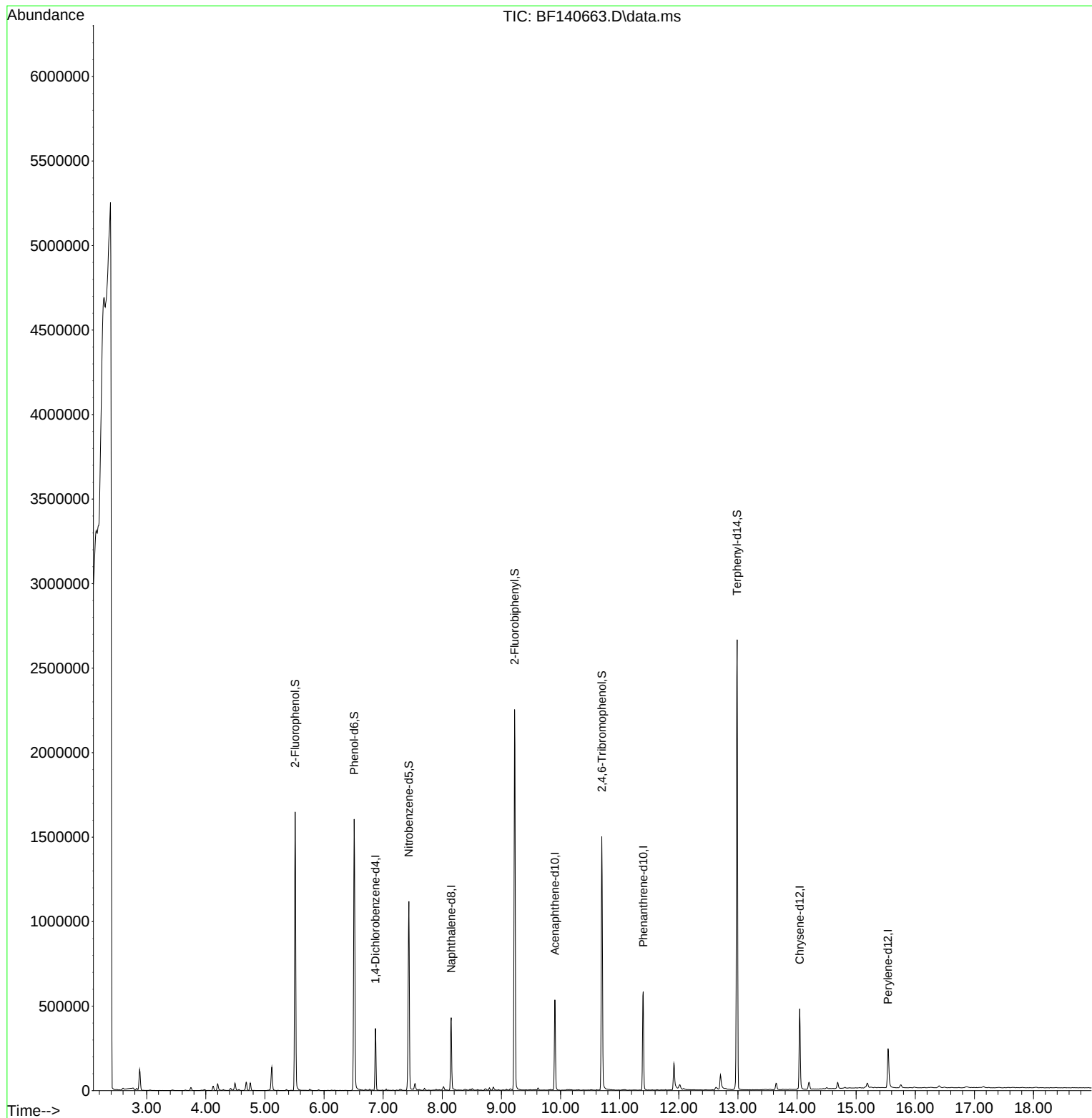
Target Compounds	Qvalue

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

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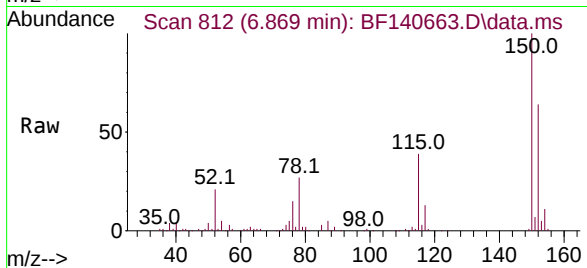
Quant Time: Nov 27 12:47:48 2024
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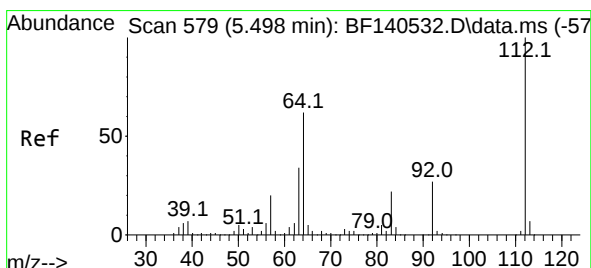
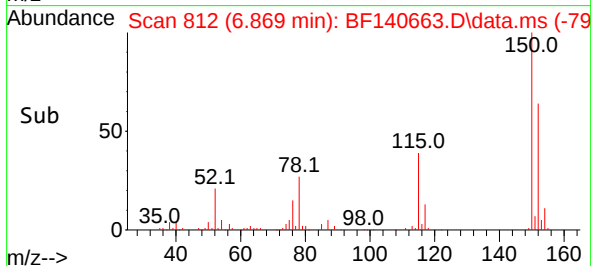
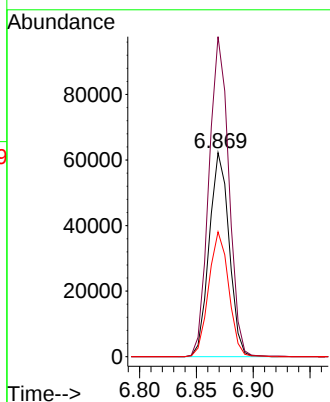


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Instrument :
BNA_F
ClientSampleId :
MH-740-WC

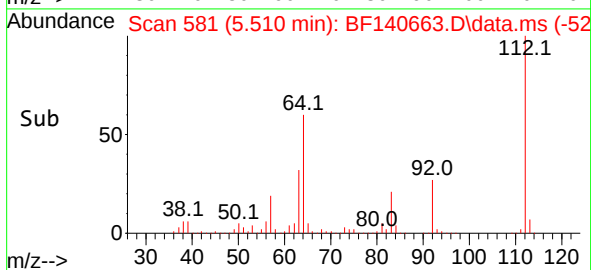
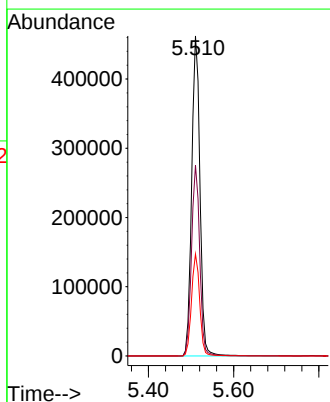
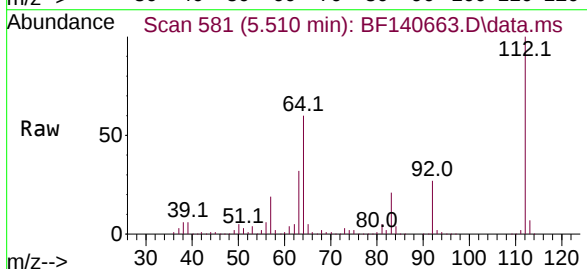


Tgt Ion:152 Resp: 75995
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 139.580 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:112 Resp: 621694
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.8 27.0 40.4

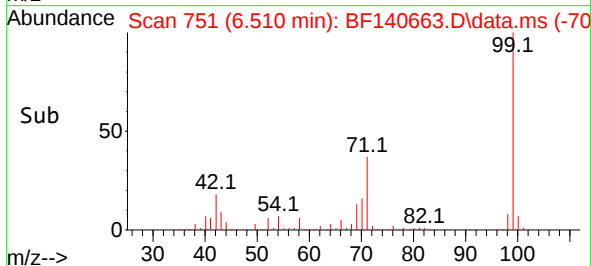
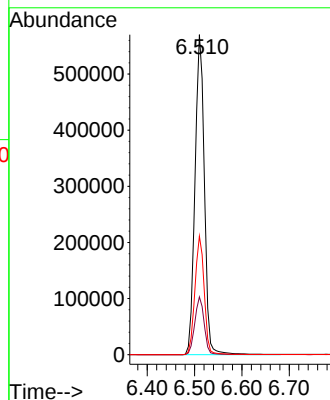
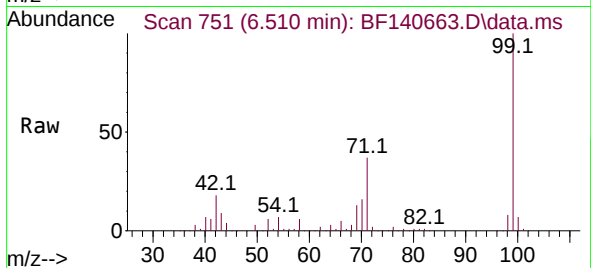




#7
Phenol-d6
Concen: 133.945 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

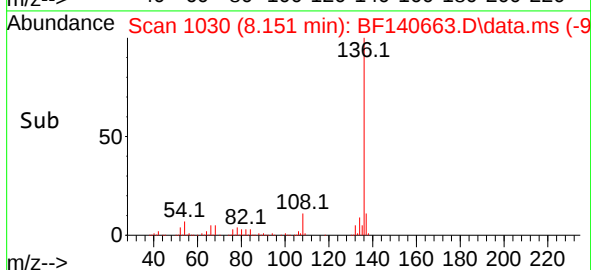
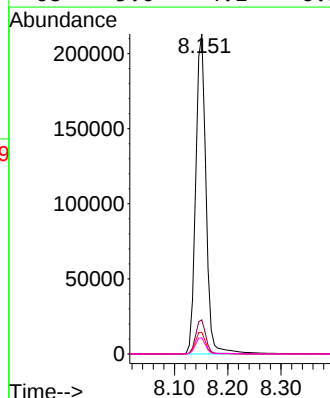
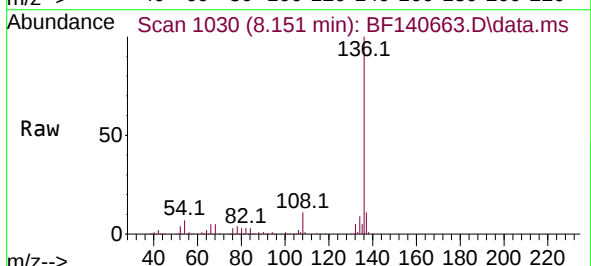
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

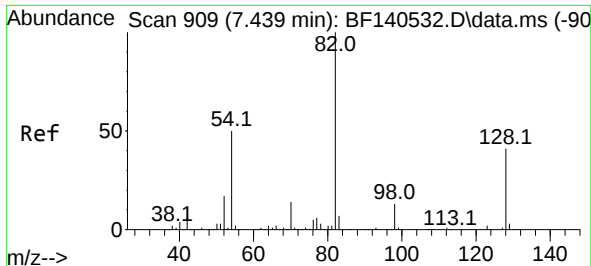
Tgt Ion: 99 Resp: 788710
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion: 136 Resp: 286954
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 5.0 4.1 6.1

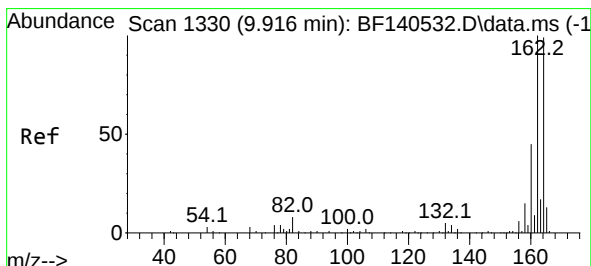
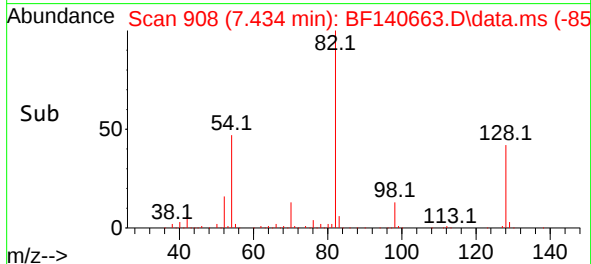
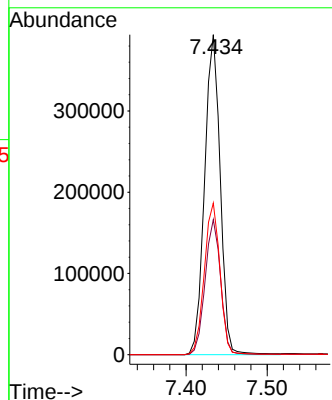
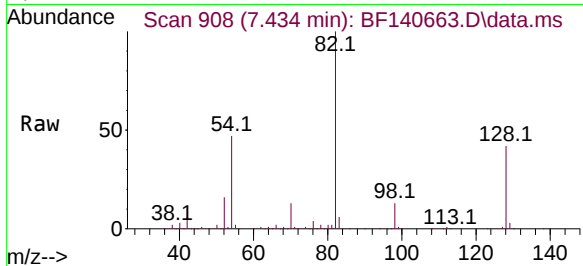




#23
Nitrobenzene-d5
Concen: 93.712 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

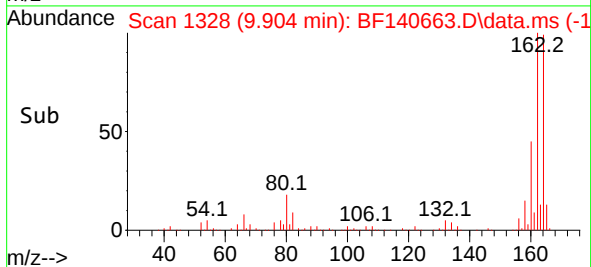
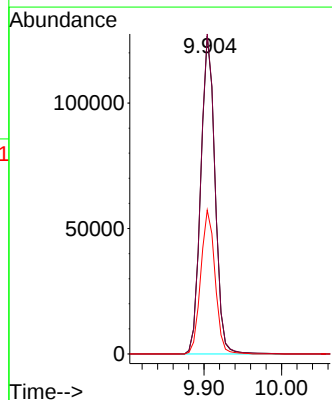
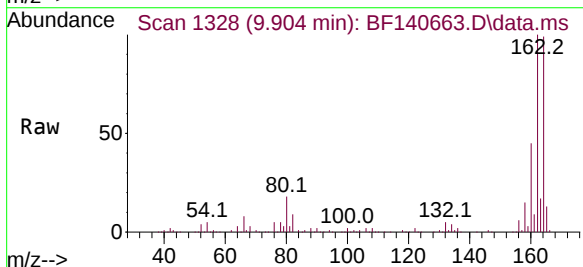
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

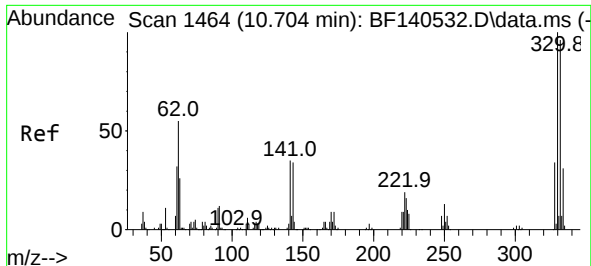
Tgt Ion: 82 Resp: 525724
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 47.4 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:164 Resp: 161508
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 156.982 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

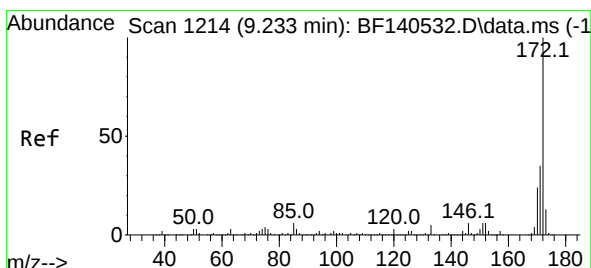
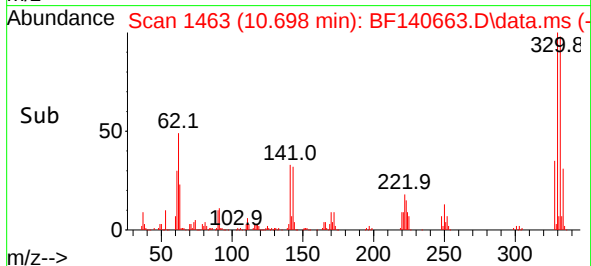
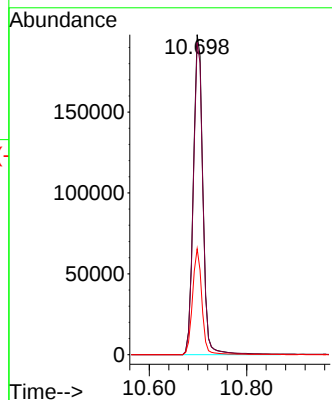
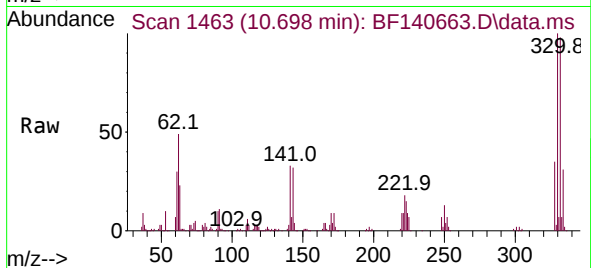
Tgt Ion:330 Resp: 271162

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

141 32.3 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.879 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

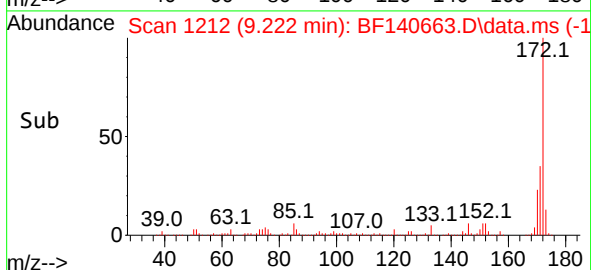
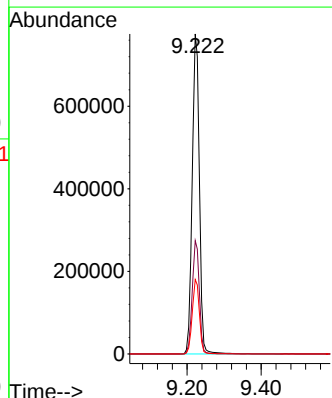
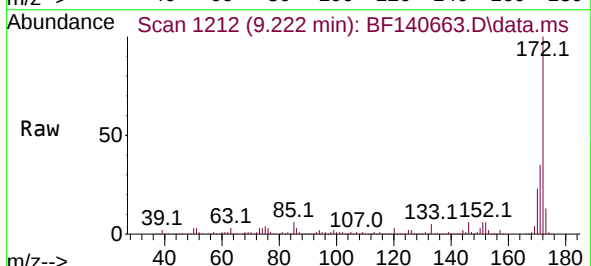
Tgt Ion:172 Resp: 1039312

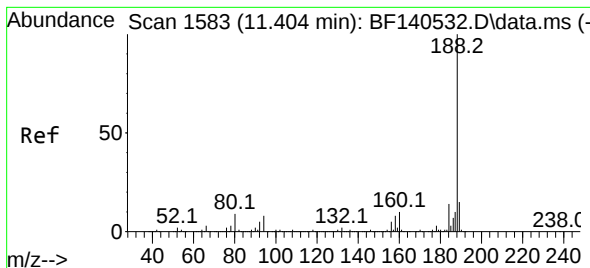
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 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: BF140663.D

Acq: 27 Nov 2024 12:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

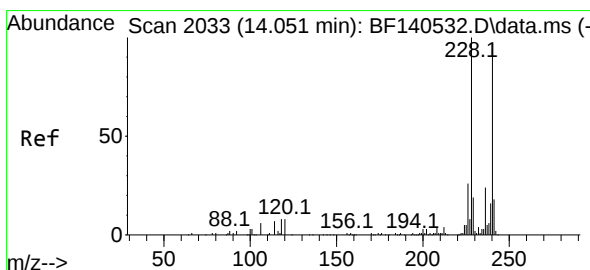
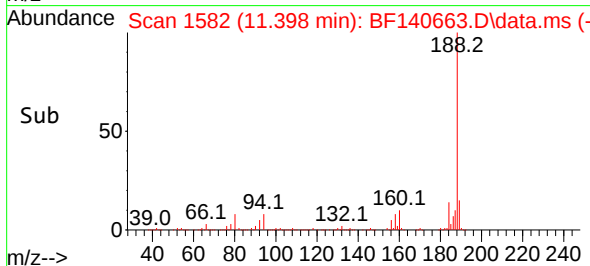
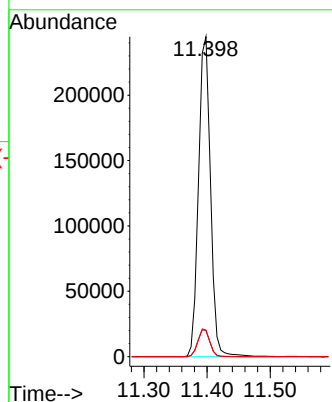
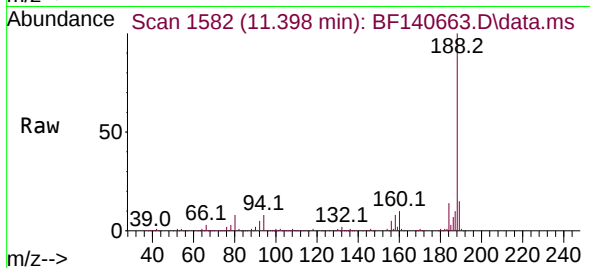
Tgt Ion:188 Resp: 322573

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.4 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: BF140663.D

Acq: 27 Nov 2024 12:19

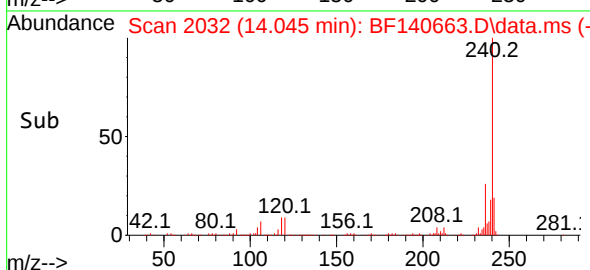
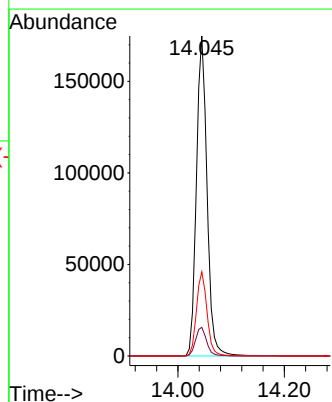
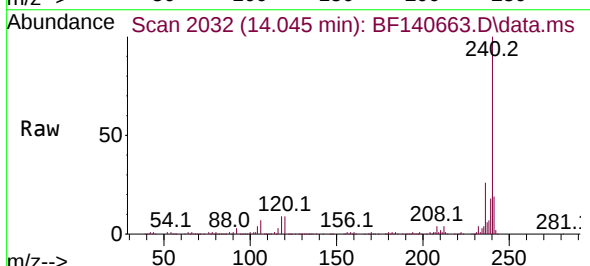
Tgt Ion:240 Resp: 241616

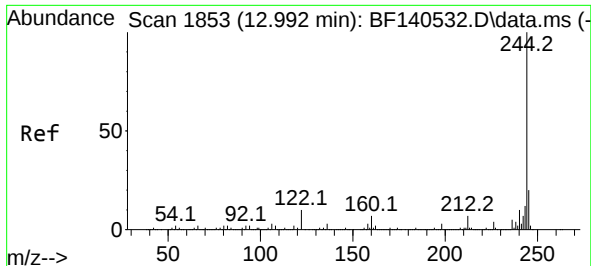
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

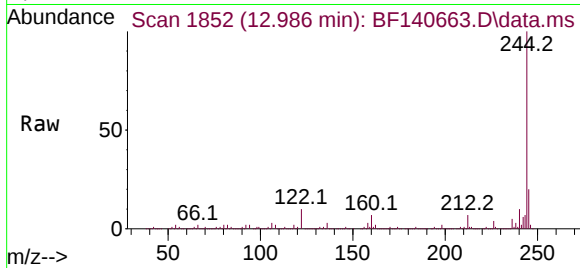
236 26.3 20.6 31.0



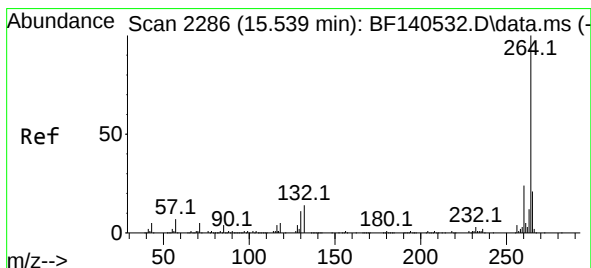
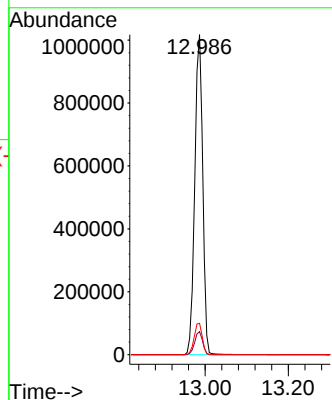
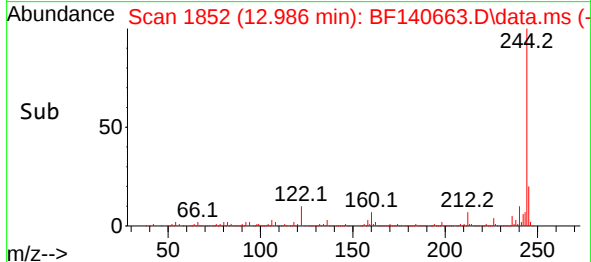


#79
 Terphenyl-d14
 Concen: 86.905 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140663.D
 Acq: 27 Nov 2024 12:19

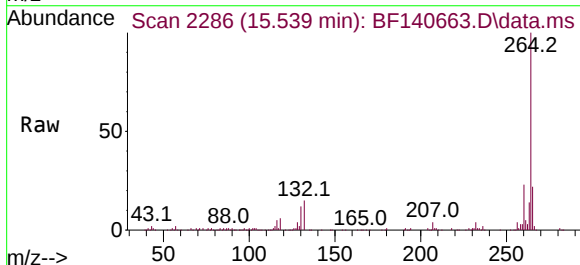
Instrument :
 BNA_F
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 MH-740-WC



Tgt Ion:244 Resp: 1348490
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140663.D
 Acq: 27 Nov 2024 12:19



Tgt Ion:264 Resp: 156641
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.7 16.6 25.0

