

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140575.D
 Acq On : 22 Nov 2024 14:13
 Operator : RC/JU
 Sample : P4938-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 22 14:35:20 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	80091	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	165815	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307074	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195805	20.000	ng	0.00
86) Perylene-d12	15.539	264	169036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	652850	139.079	ng	0.00
7) Phenol-d6	6.510	99	841619	135.620	ng	0.00
23) Nitrobenzene-d5	7.434	82	540185	91.616	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	232747	131.243	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	971990	87.339	ng	0.00
79) Terphenyl-d14	12.986	244	1058764	84.198	ng	0.00

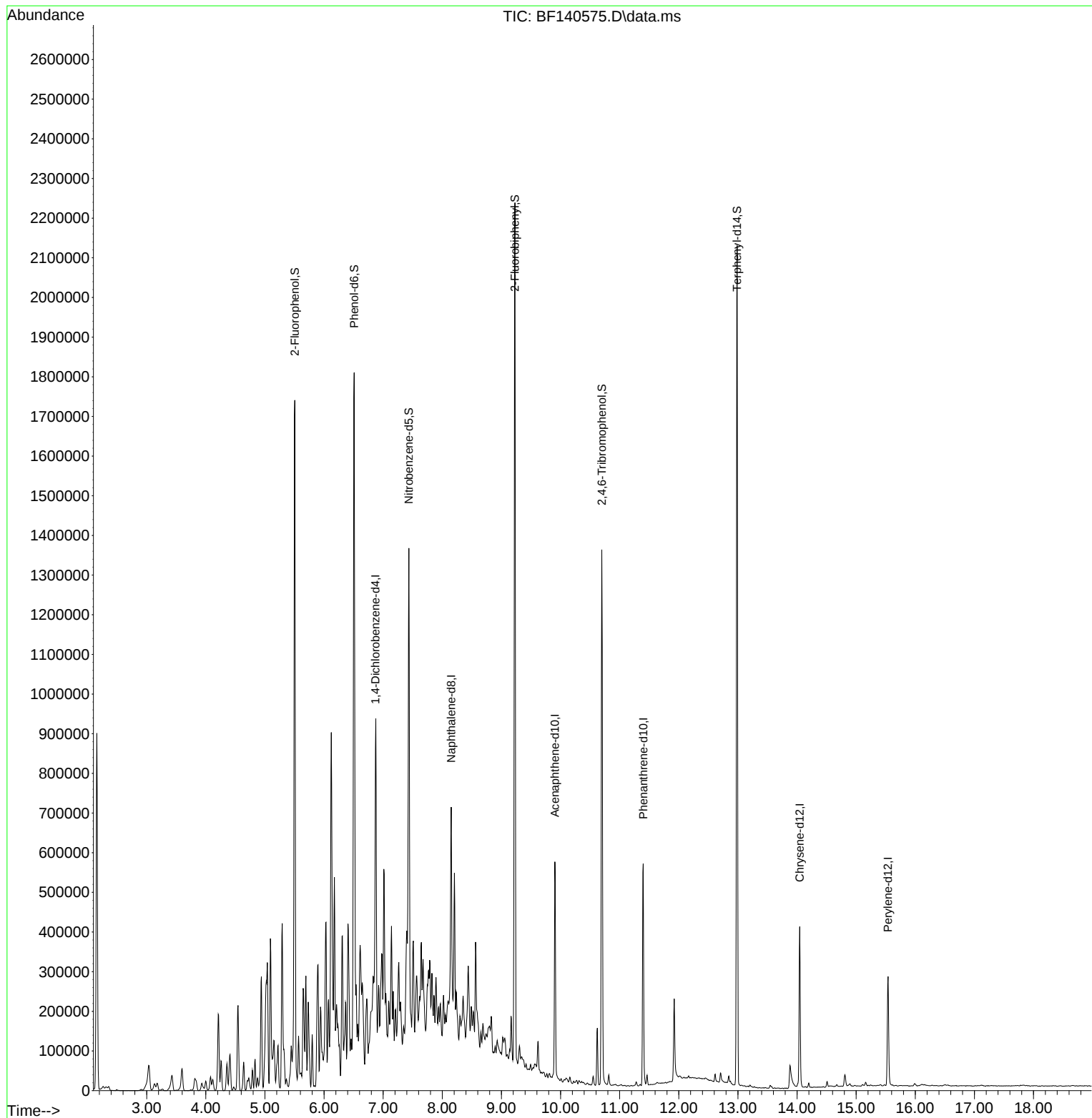
Target Compounds	Qvalue

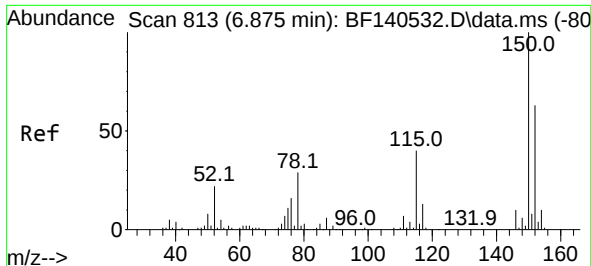
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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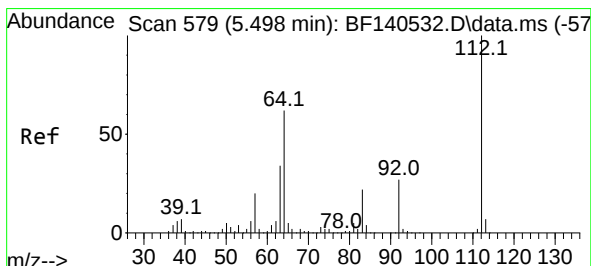
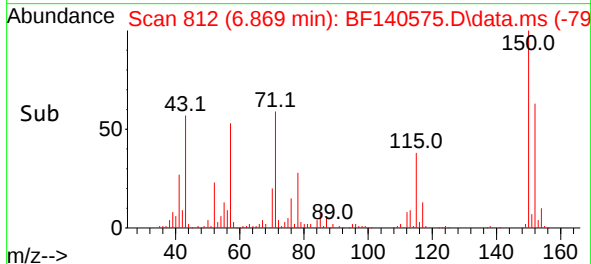
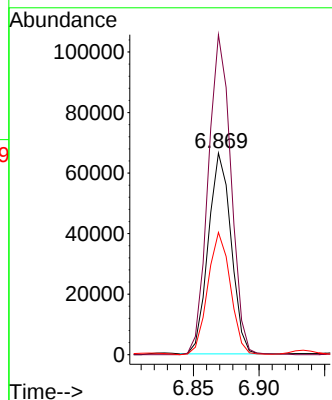
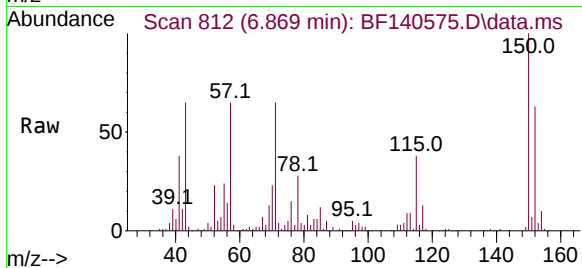




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

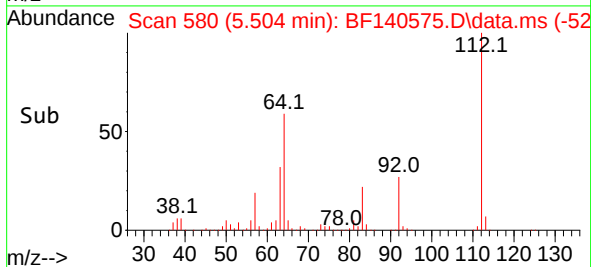
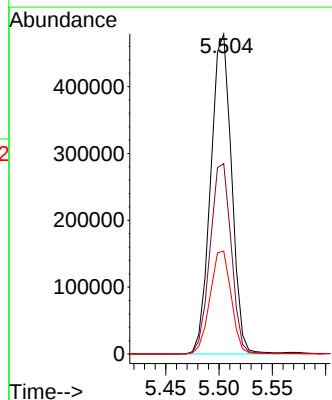
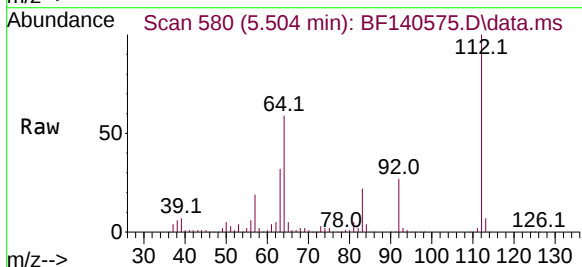
Instrument :
BNA_F
ClientSampleId :
MH-732

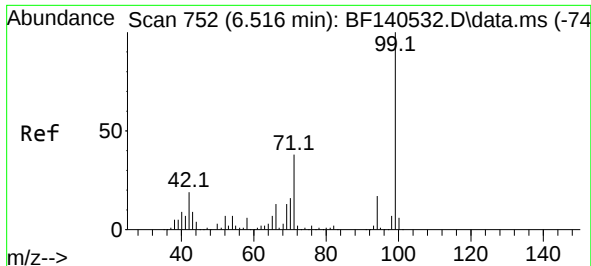
Tgt Ion:152 Resp: 80091
Ion Ratio Lower Upper
152 100
150 158.7 128.5 192.7
115 60.6 50.2 75.4



#5
2-Fluorophenol
Concen: 139.079 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:112 Resp: 652850
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 32.2 27.0 40.4

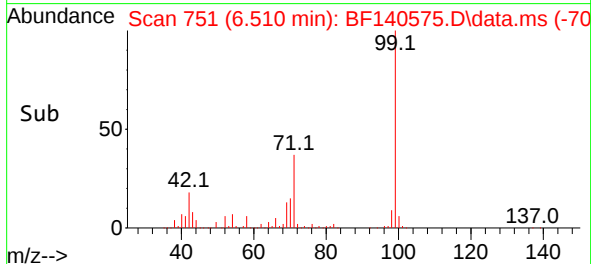
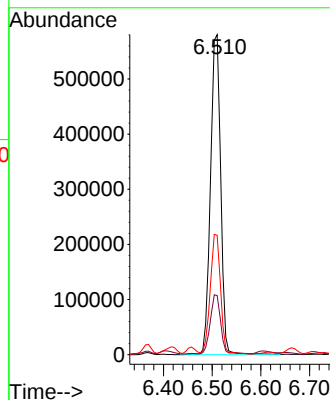
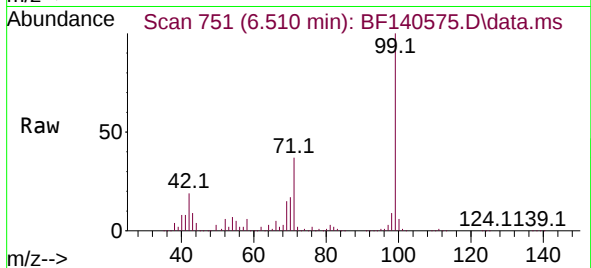




#7
Phenol-d6
Concen: 135.620 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

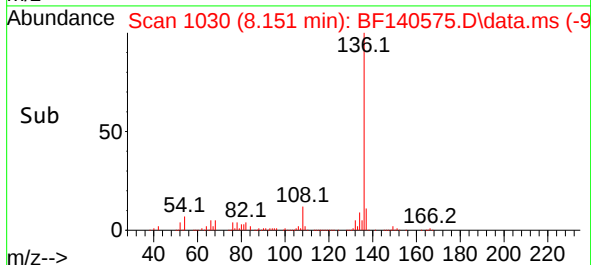
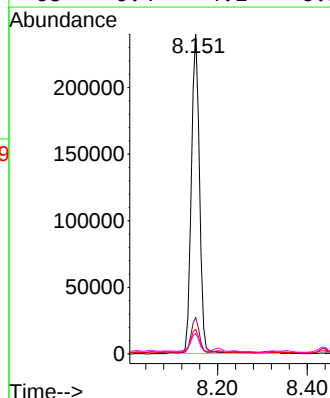
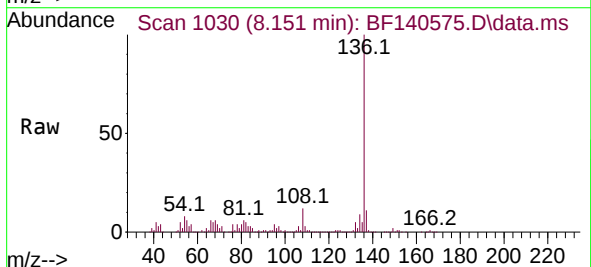
Instrument :
BNA_F
ClientSampleId :
MH-732

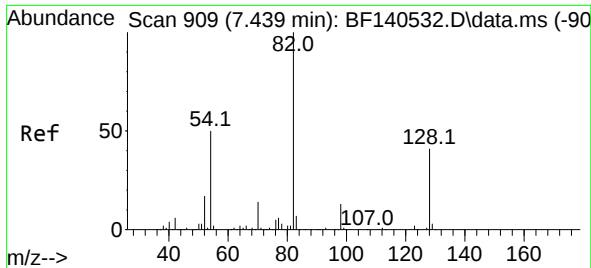
Tgt Ion: 99 Resp: 841619
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:136 Resp: 301592
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 7.7 5.8 8.8
68 6.4 4.1 6.1#

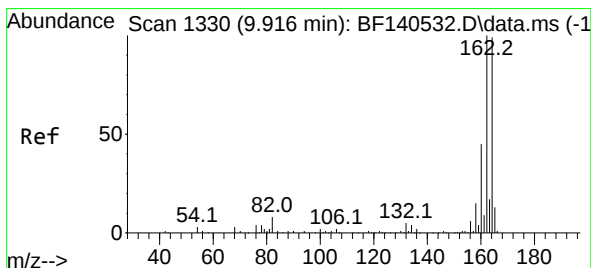
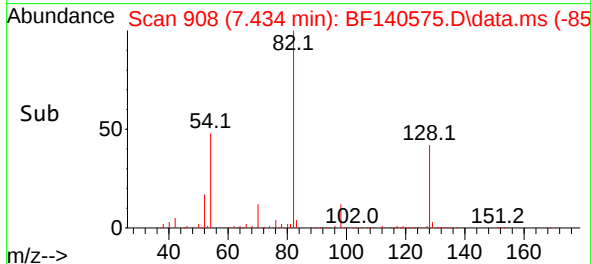
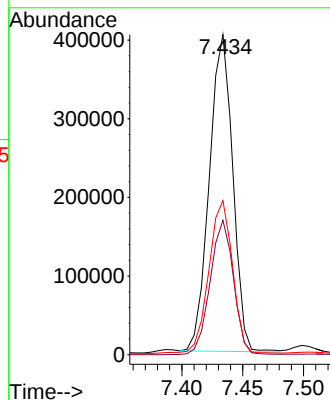
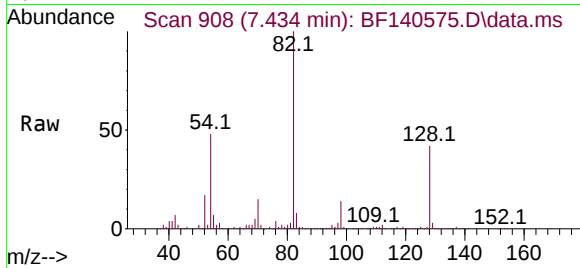




#23
Nitrobenzene-d5
Concen: 91.616 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

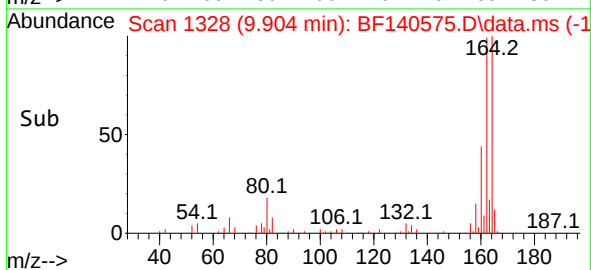
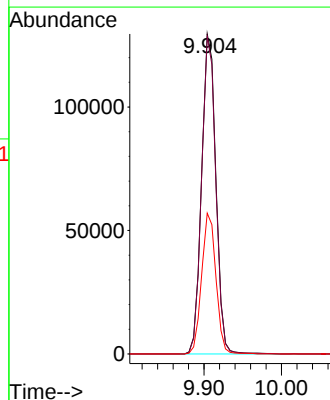
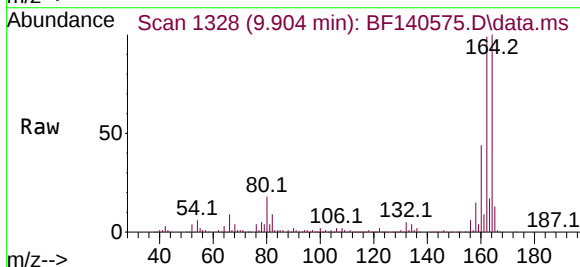
Instrument :
BNA_F
ClientSampleId :
MH-732

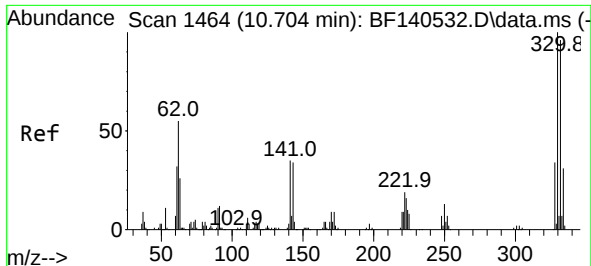
Tgt Ion: 82 Resp: 540185
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.1 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:164 Resp: 165815
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 131.243 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140575.D

Acq: 22 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

MH-732

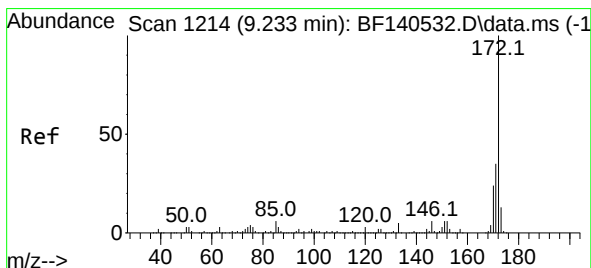
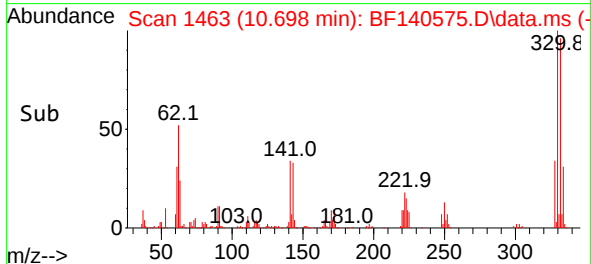
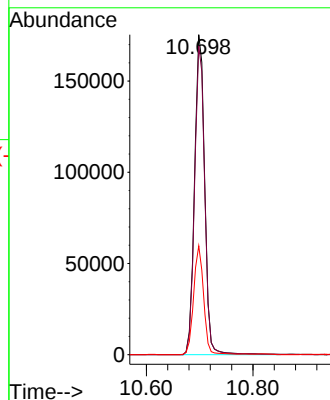
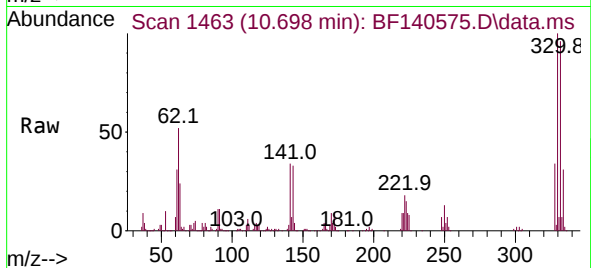
Tgt Ion:330 Resp: 232747

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 33.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 87.339 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140575.D

Acq: 22 Nov 2024 14:13

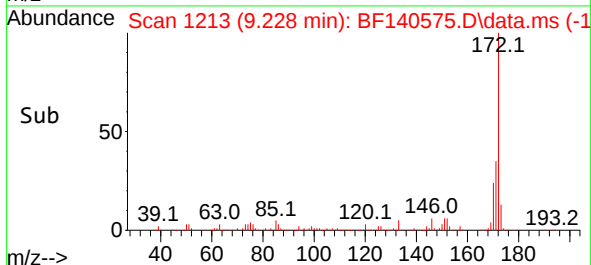
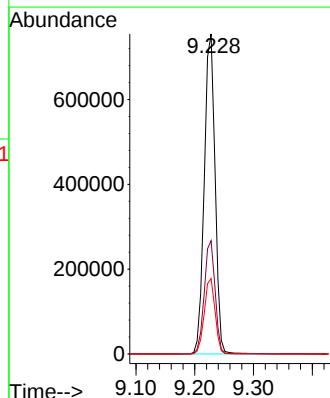
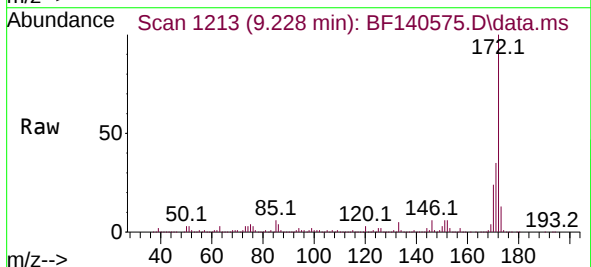
Tgt Ion:172 Resp: 971990

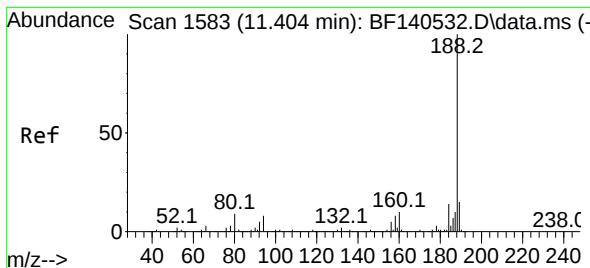
Ion Ratio Lower Upper

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: BF140575.D

Acq: 22 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

MH-732

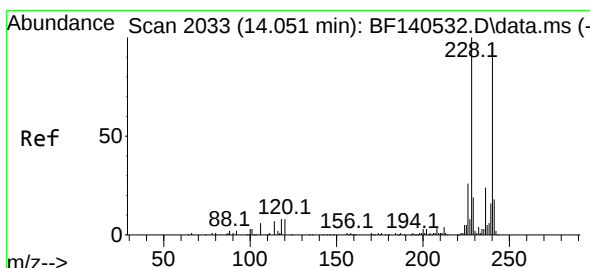
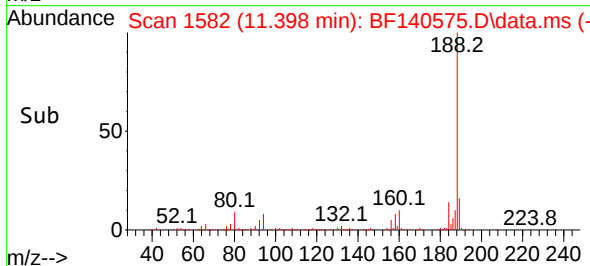
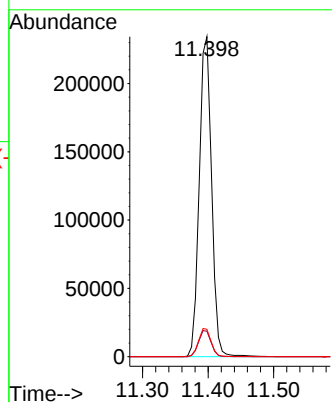
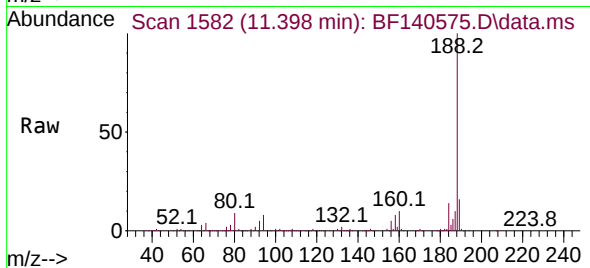
Tgt Ion:188 Resp: 307074

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.5 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: BF140575.D

Acq: 22 Nov 2024 14:13

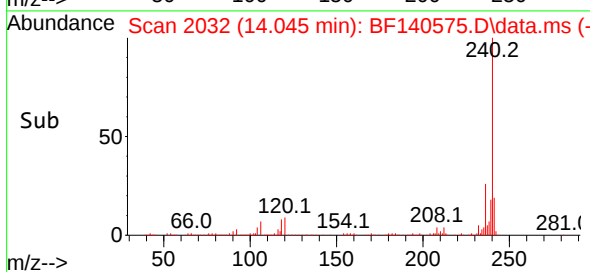
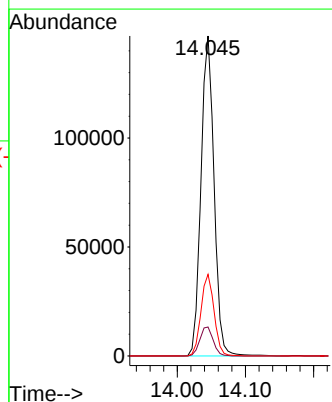
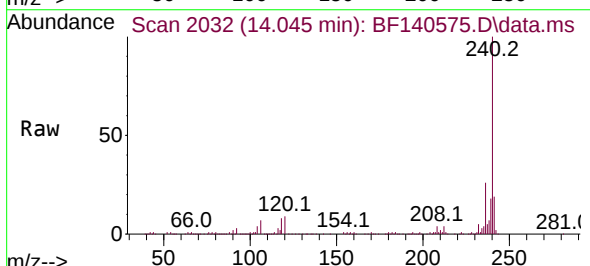
Tgt Ion:240 Resp: 195805

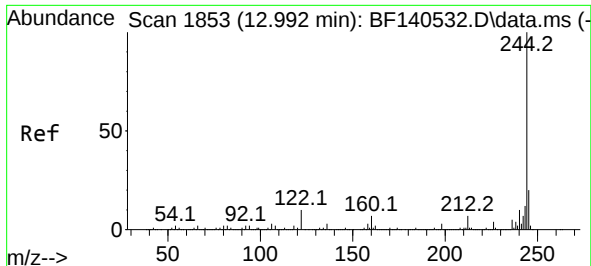
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

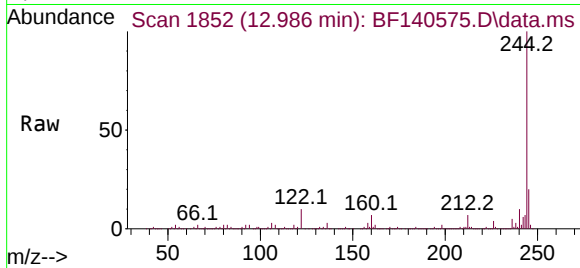
236 25.5 20.6 31.0





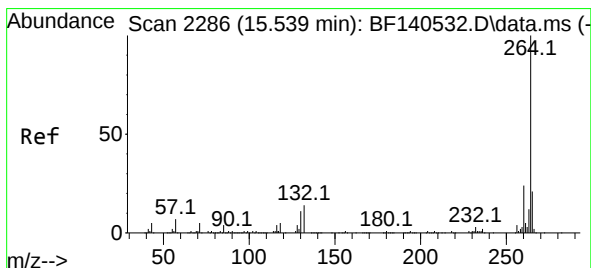
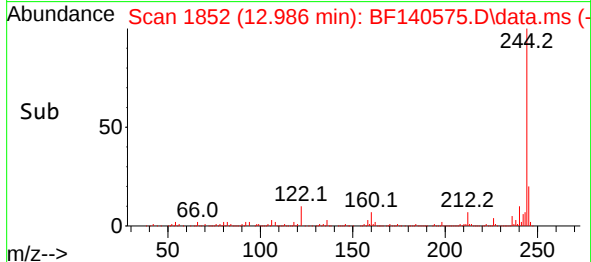
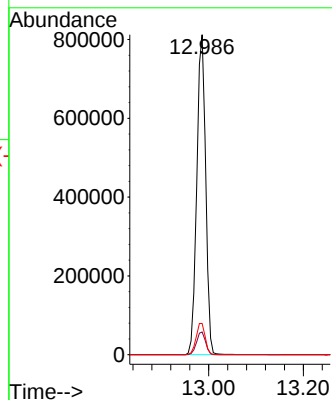
#79
 Terphenyl-d14
 Concen: 84.198 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140575.D
 Acq: 22 Nov 2024 14:13

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1058764

Ion	Ratio	Lower	Upper
244	100		
212	7.1	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: BF140575.D
 Acq: 22 Nov 2024 14:13

Tgt Ion:264 Resp: 169036

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.4	16.6	25.0

