

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140784.D
 Acq On : 09 Dec 2024 12:47
 Operator : RC/JU
 Sample : PB165432BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BL

Quant Time: Dec 09 14:19:09 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	6.863	152	69444	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	265288	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	149935	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	289301	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	206484	20.000	ng	0.00
86) Perylene-d12	15.551	264	167176	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	610732	150.054	ng	0.00
7) Phenol-d6	6.510	99	776194	144.254	ng	0.00
23) Nitrobenzene-d5	7.428	82	507126	97.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	233530	145.632	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1006138	99.983	ng	-0.02
79) Terphenyl-d14	12.980	244	1182142	89.147	ng	-0.01

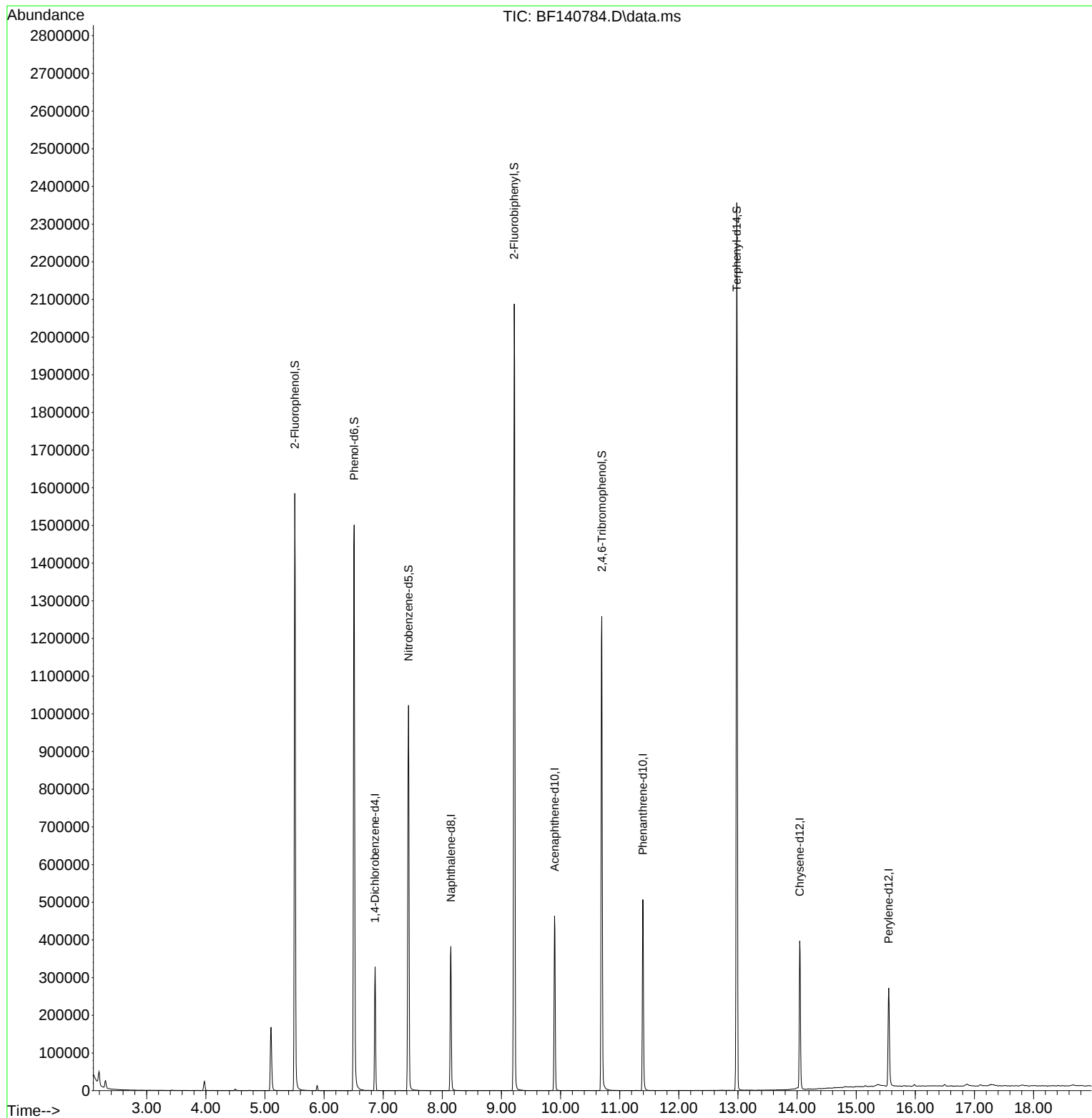
Target Compounds	Qvalue

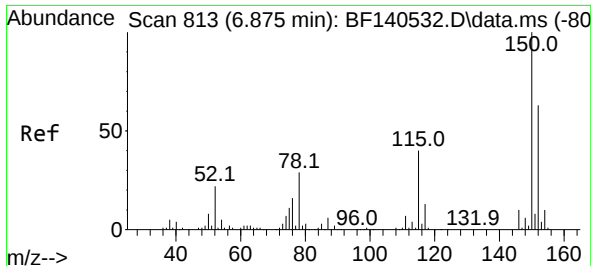
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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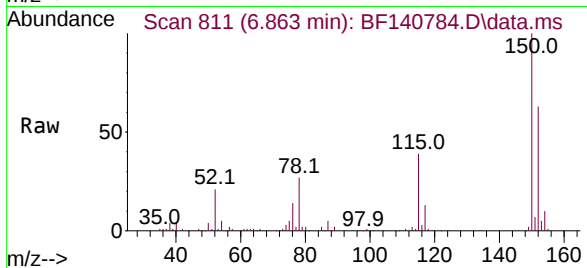
Quant Time: Dec 09 14:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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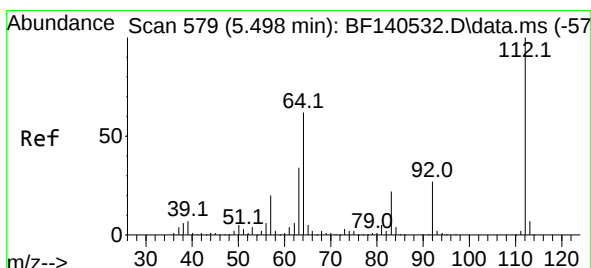
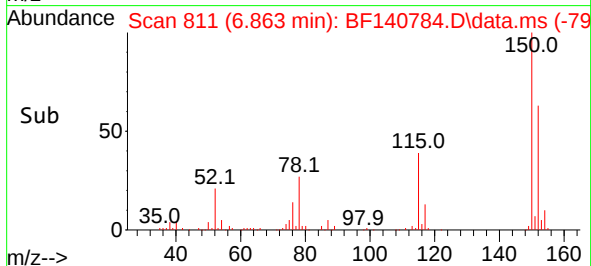
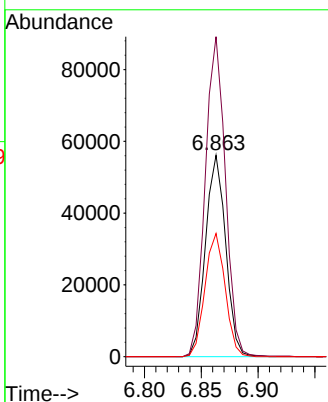


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Instrument :
BNA_F
ClientSampleId :
PB165432BL

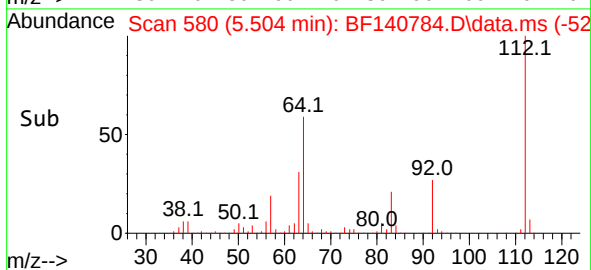
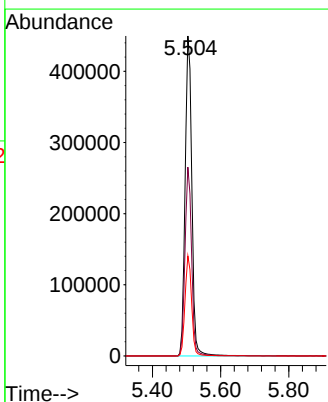
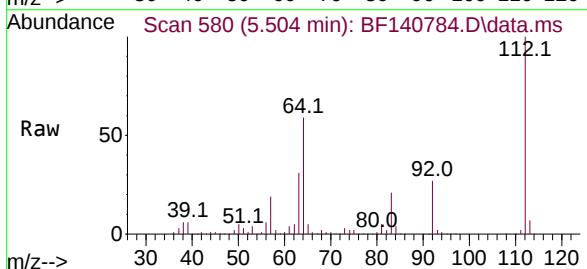


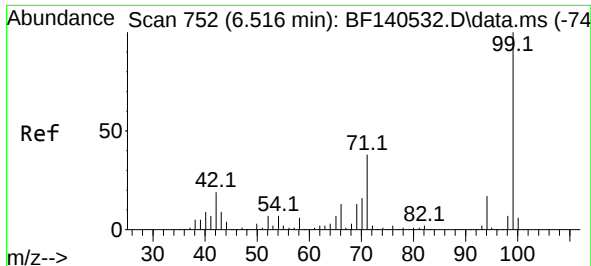
Tgt Ion:152 Resp: 69444
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 150.054 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion:112 Resp: 610732
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.3 27.0 40.4

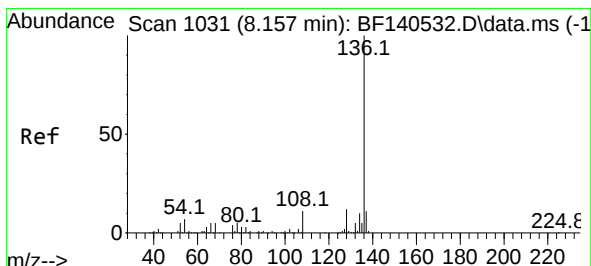
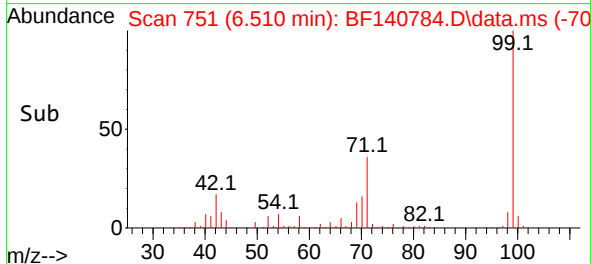
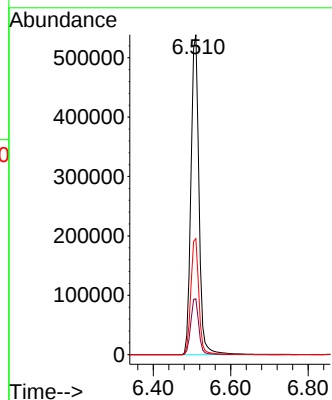
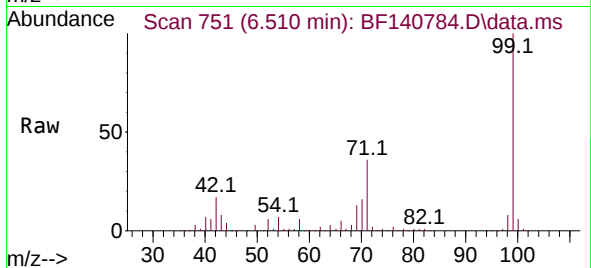




#7
Phenol-d6
Concen: 144.254 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

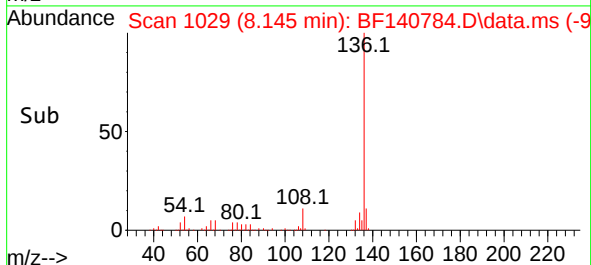
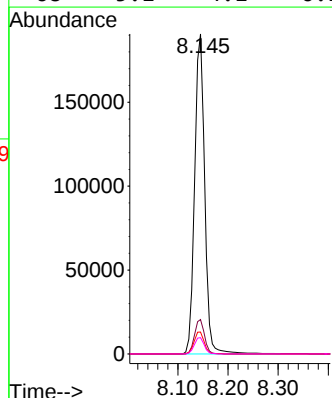
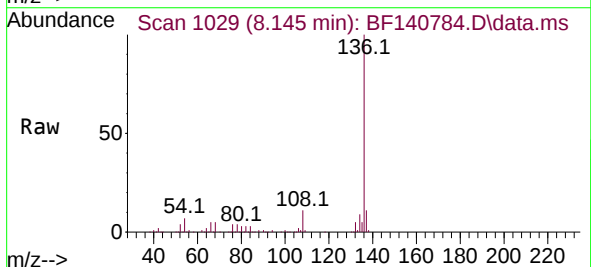
Instrument :
BNA_F
ClientSampleId :
PB165432BL

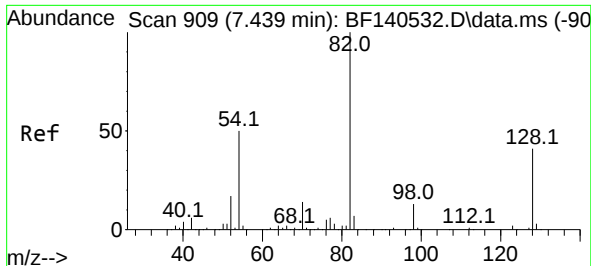
Tgt Ion: 99 Resp: 776194
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion: 136 Resp: 265288
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 97.779 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140784.D

Acq: 09 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB165432BL

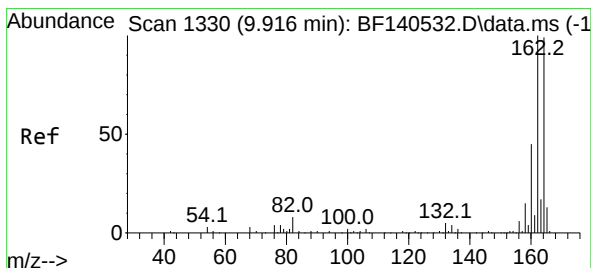
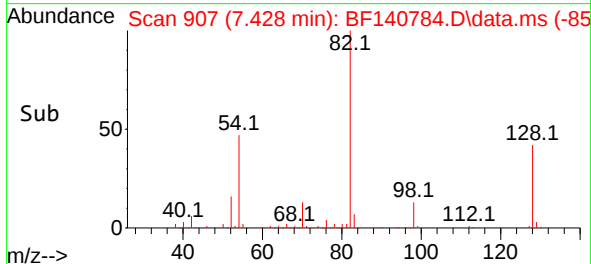
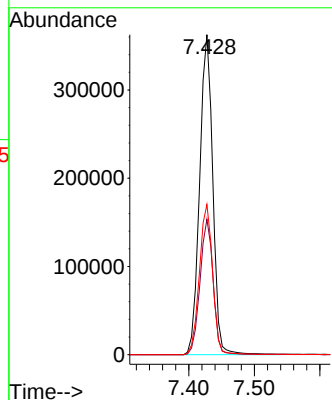
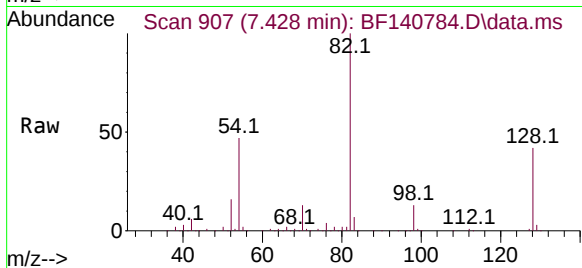
Tgt Ion: 82 Resp: 507126

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

54 47.0 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140784.D

Acq: 09 Dec 2024 12:47

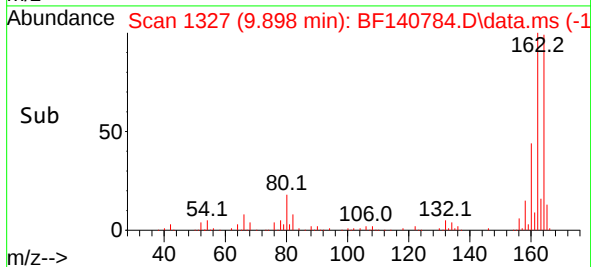
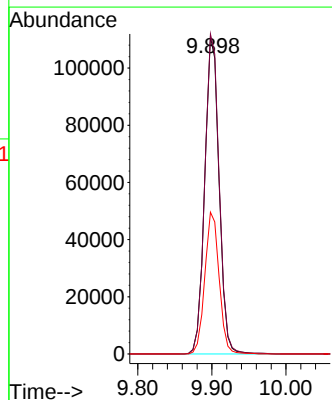
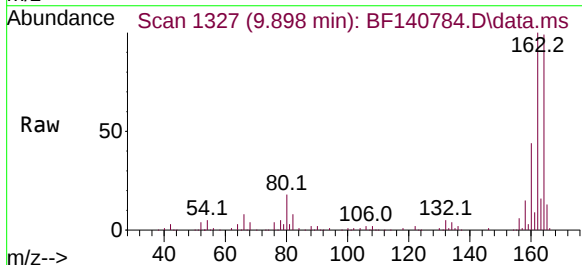
Tgt Ion:164 Resp: 149935

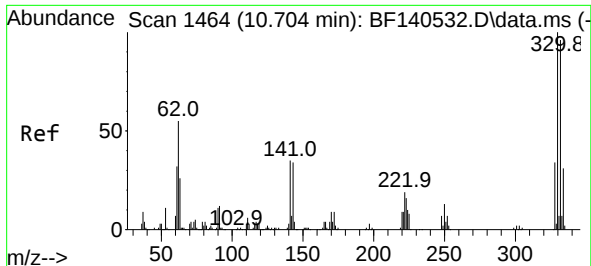
Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

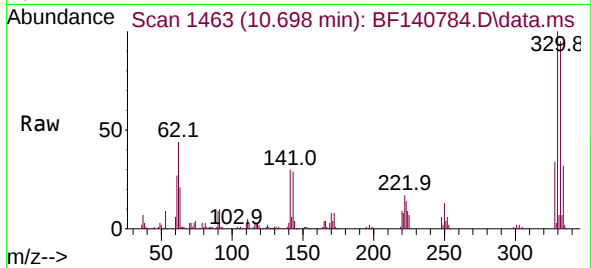
160 44.7 36.2 54.4



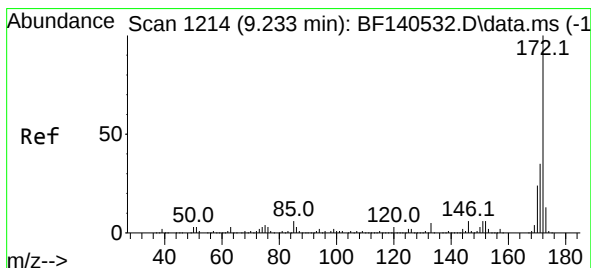
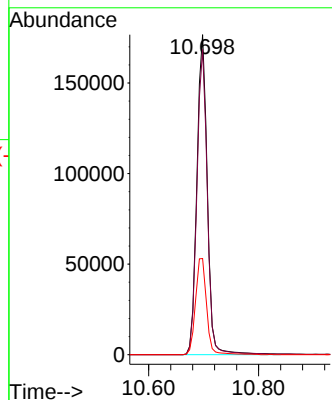
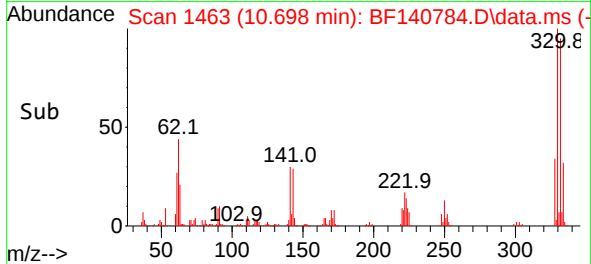


#42
2,4,6-Tribromophenol
Concen: 145.632 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

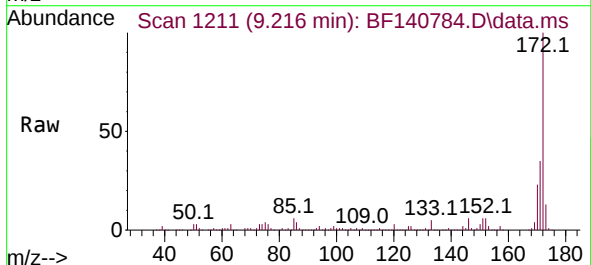
Instrument :
BNA_F
ClientSampleId :
PB165432BL



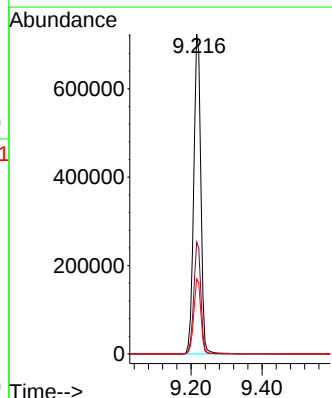
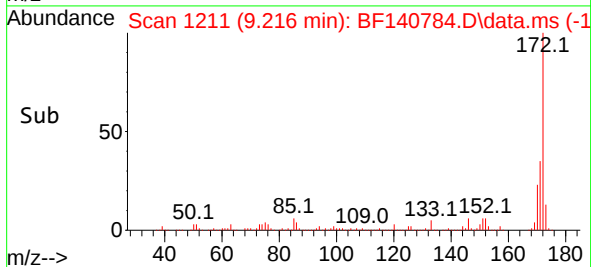
Tgt Ion:330 Resp: 233530
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 31.8 26.7 40.1

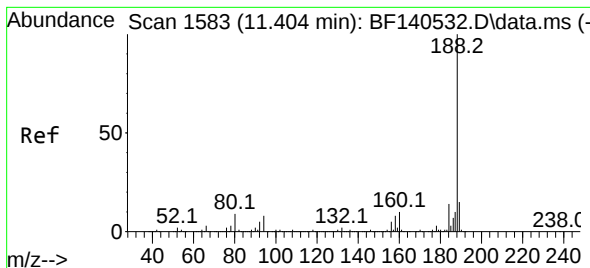


#45
2-Fluorobiphenyl
Concen: 99.983 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47



Tgt Ion:172 Resp: 1006138
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140784.D

Acq: 09 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB165432BL

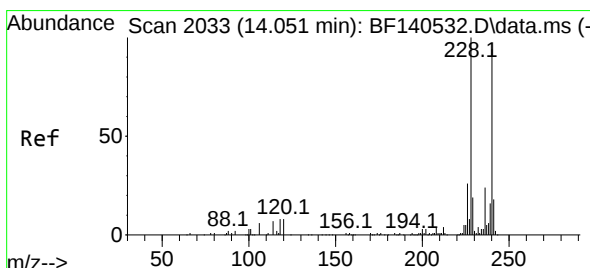
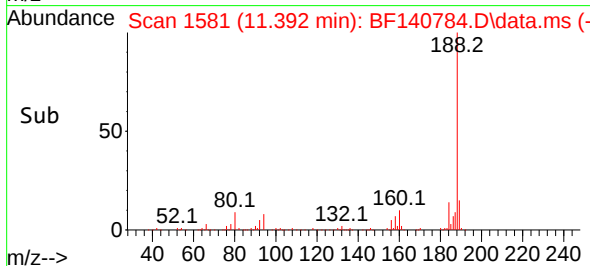
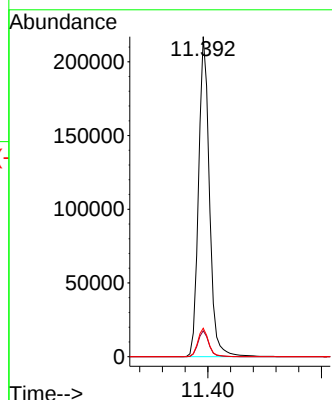
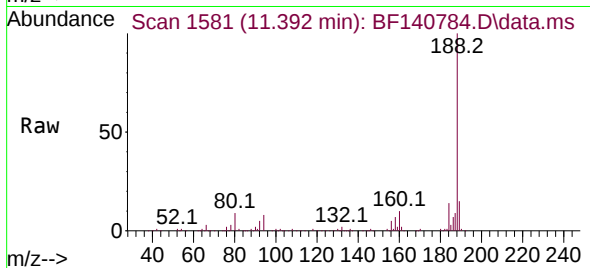
Tgt Ion:188 Resp: 289301

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 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: BF140784.D

Acq: 09 Dec 2024 12:47

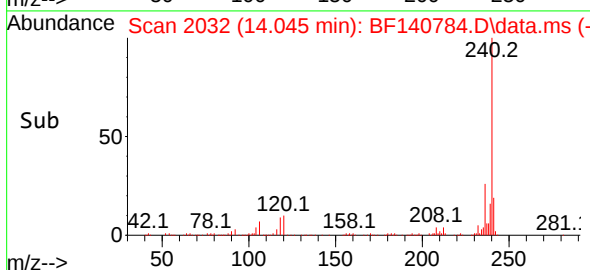
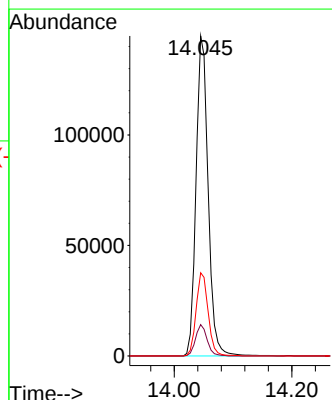
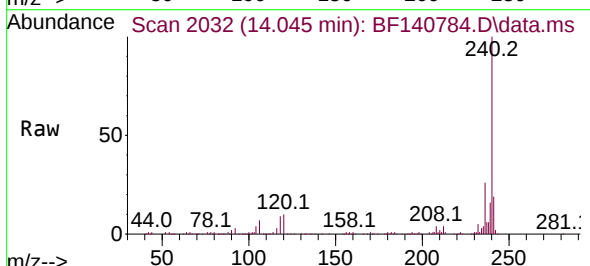
Tgt Ion:240 Resp: 206484

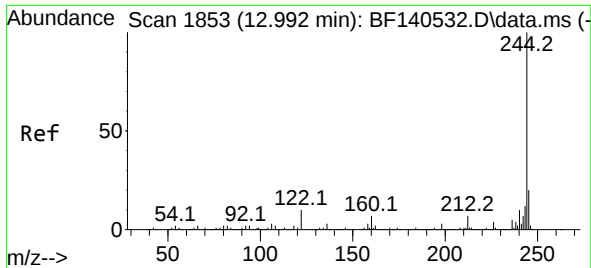
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

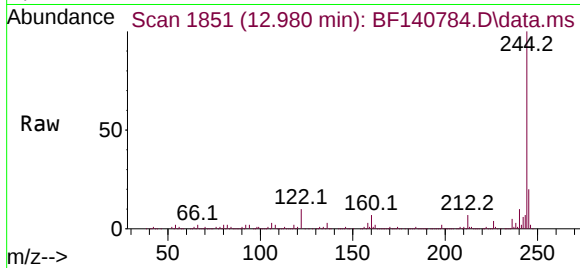
236 26.0 20.6 31.0



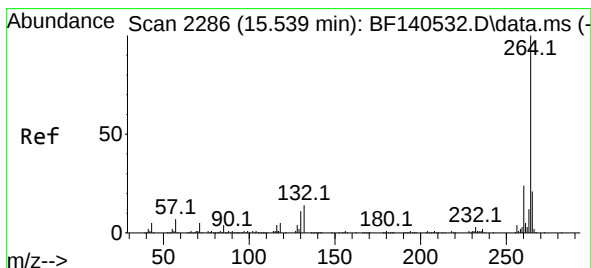
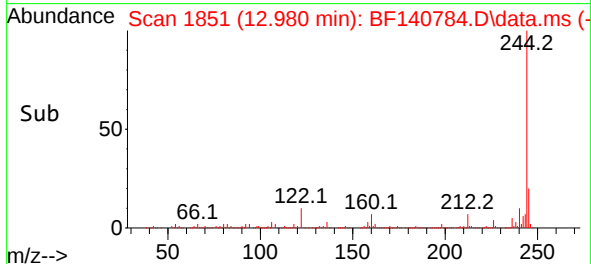
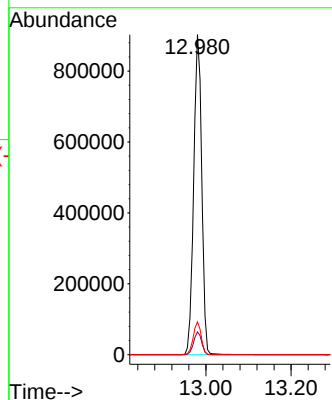


#79
 Terphenyl-d14
 Concen: 89.147 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140784.D
 Acq: 09 Dec 2024 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BL



Tgt Ion:244 Resp: 1182142
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 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: BF140784.D
 Acq: 09 Dec 2024 12:47

Tgt Ion:264 Resp: 167176
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.6 16.6 25.0

