

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140544.D
 Acq On : 21 Nov 2024 19:14
 Operator : RC/JU
 Sample : P4870-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Quant Time: Nov 22 00:10:27 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	70463	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	261774	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	138128	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	244646	20.000	ng	0.00
76) Chrysene-d12	14.045	240	152916	20.000	ng	0.00
86) Perylene-d12	15.533	264	117093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	578939	140.186	ng	0.01
7) Phenol-d6	6.510	99	733799	134.403	ng	0.00
23) Nitrobenzene-d5	7.434	82	491106	95.961	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	211162	142.939	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	911652	98.337	ng	0.00
79) Terphenyl-d14	12.986	244	940475	95.768	ng	0.00

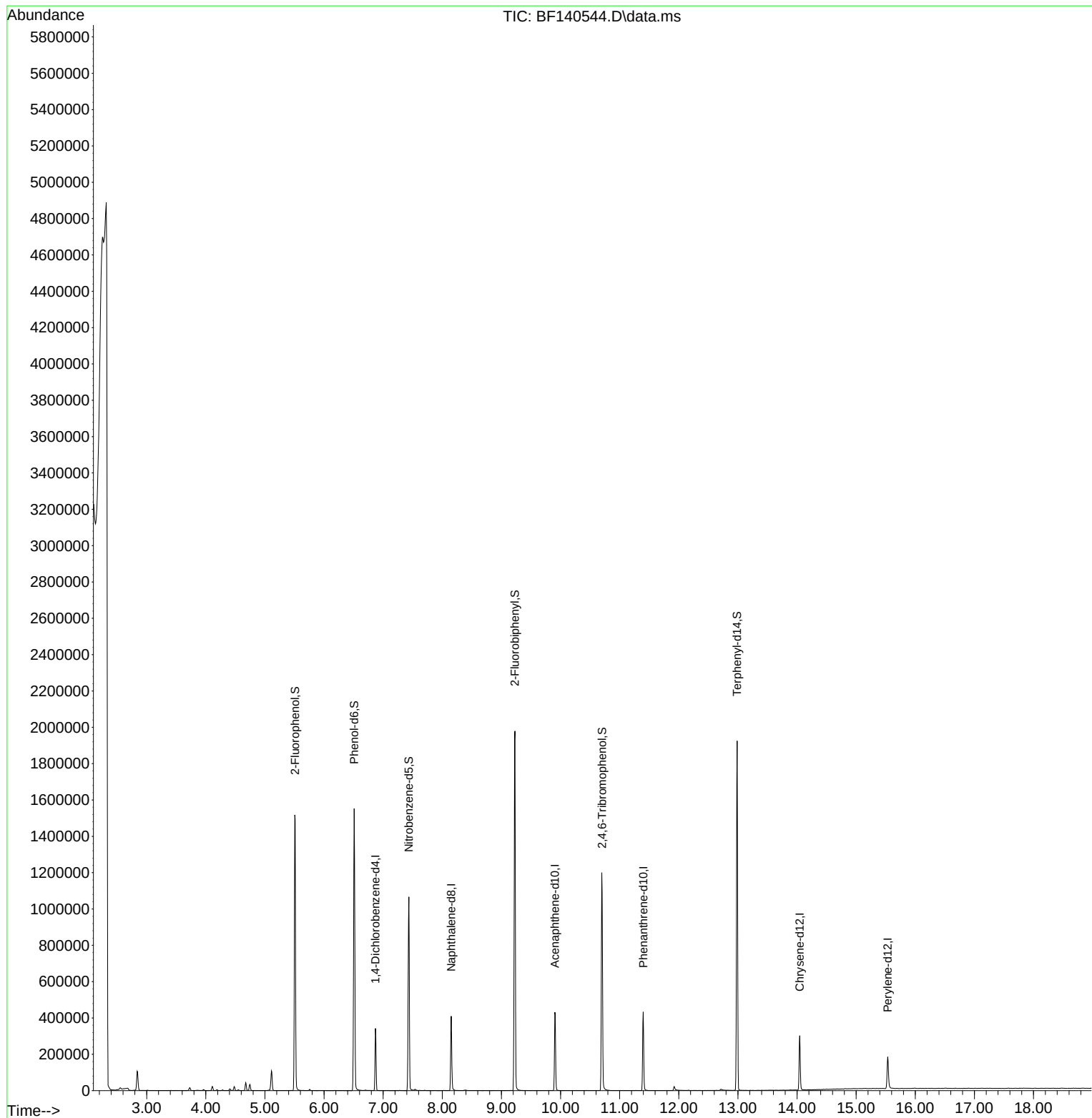
Target Compounds	Qvalue

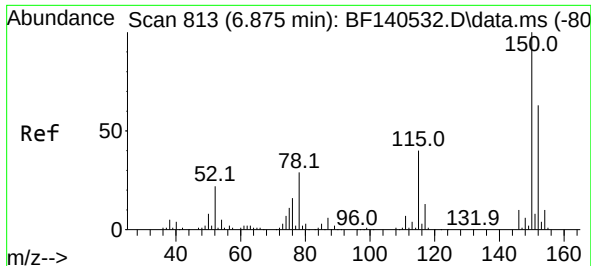
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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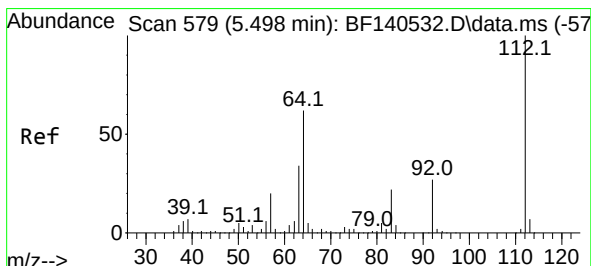
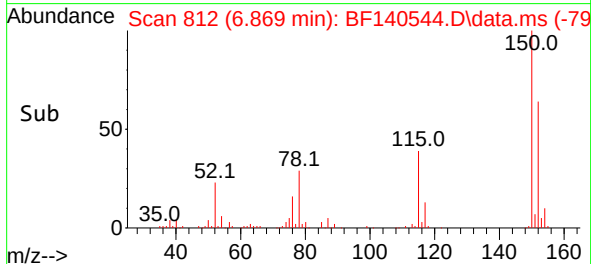
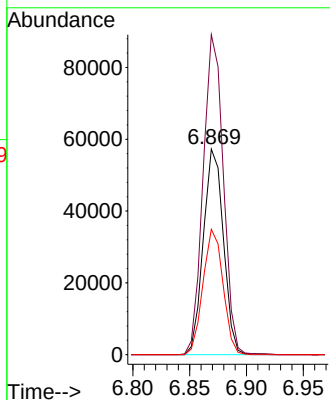
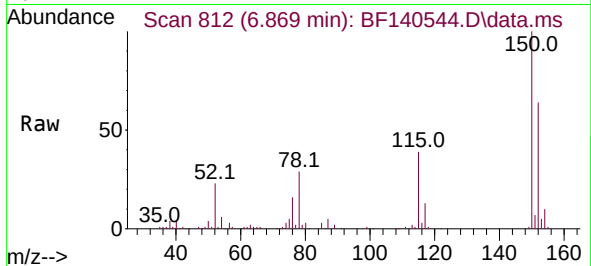




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

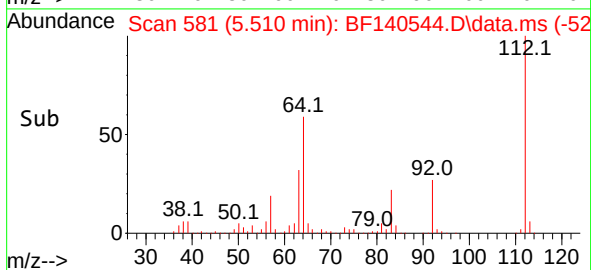
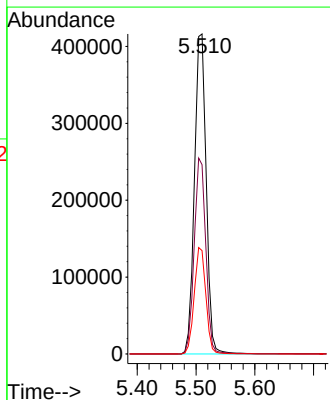
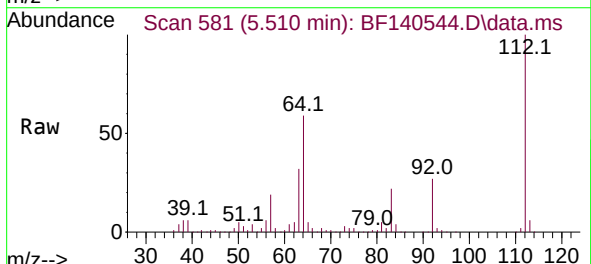
Instrument :
BNA_F
ClientSampleId :
MH-736

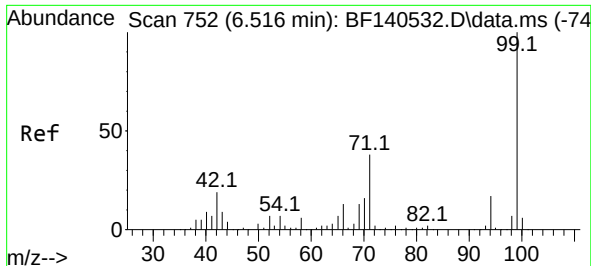
Tgt Ion:152 Resp: 70463
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 140.186 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion:112 Resp: 578939
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 32.3 27.0 40.4

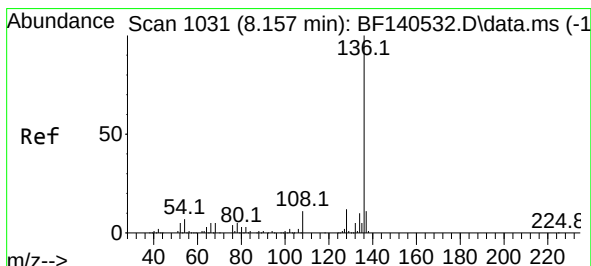
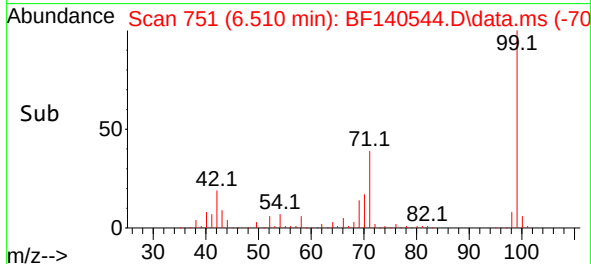
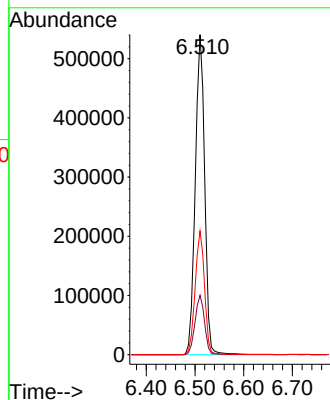
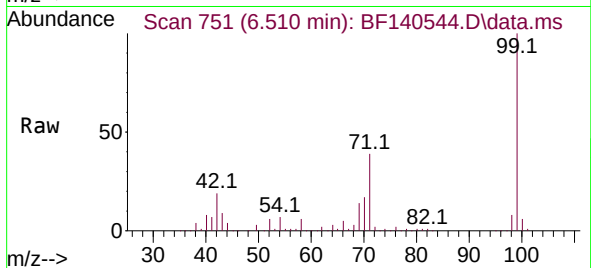




#7
Phenol-d6
Concen: 134.403 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

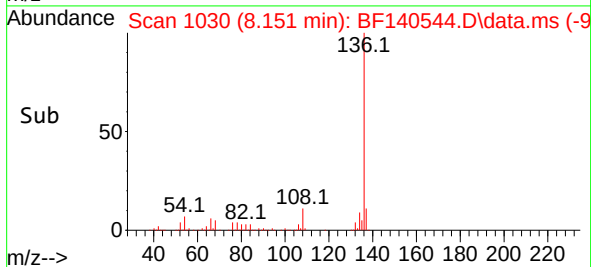
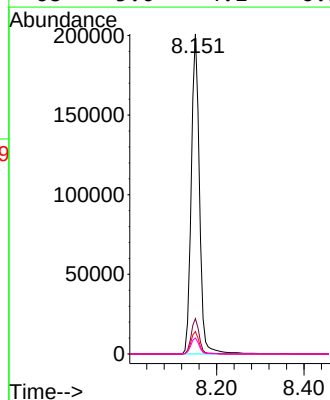
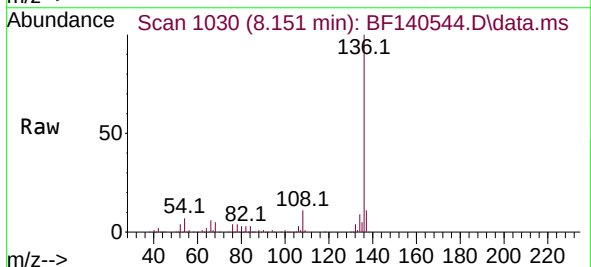
Instrument :
BNA_F
ClientSampleId :
MH-736

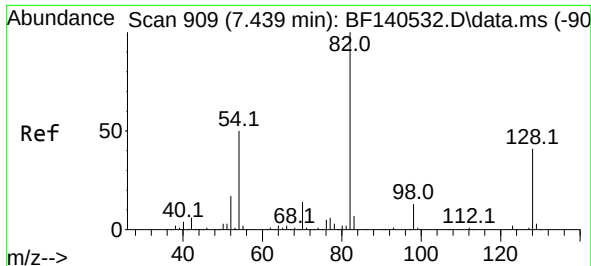
Tgt Ion: 99 Resp: 733799
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 38.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140544.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 136 Resp: 261774
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.0 5.8 8.8
68 5.0 4.1 6.1

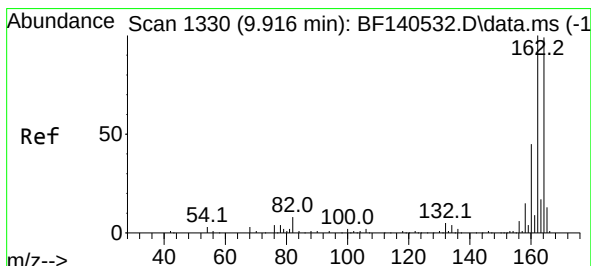
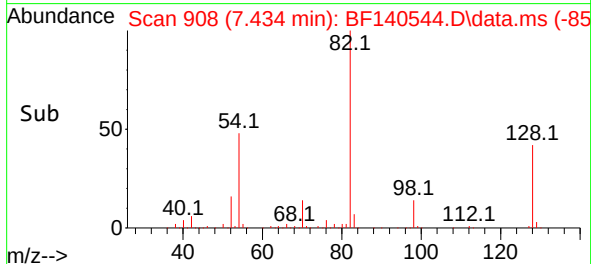
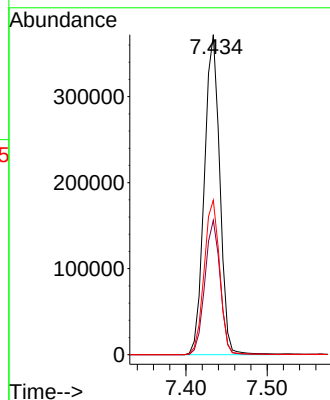
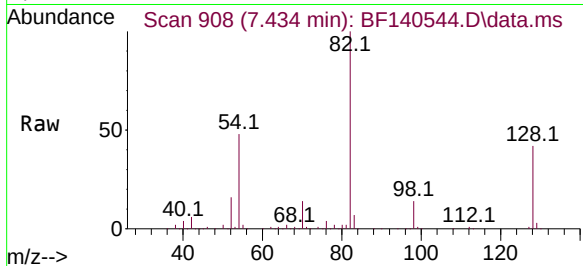




#23
 Nitrobenzene-d5
 Concen: 95.961 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140544.D
 Acq: 21 Nov 2024 19:14

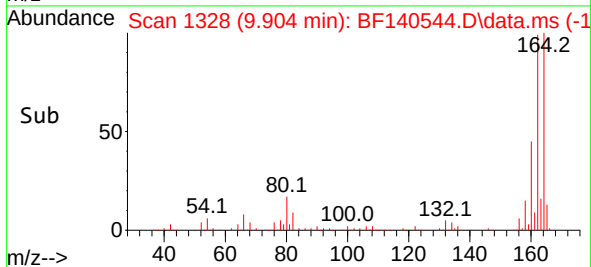
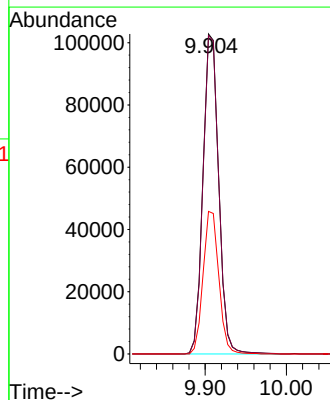
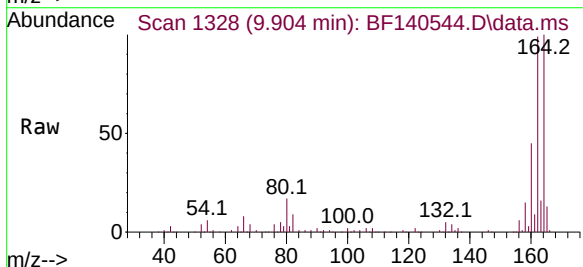
Instrument :
 BNA_F
 ClientSampleId :
 MH-736

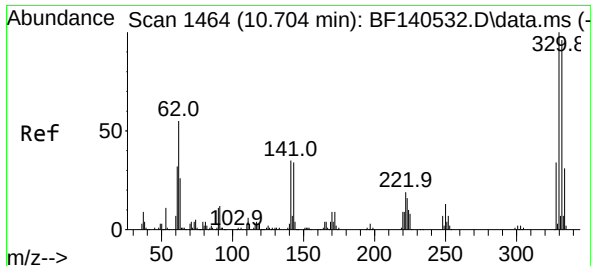
Tgt Ion: 82 Resp: 491106
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.0 49.4
 54 48.3 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140544.D
 Acq: 21 Nov 2024 19:14

Tgt Ion:164 Resp: 138128
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 142.939 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140544.D

Acq: 21 Nov 2024 19:14

Instrument :

BNA_F

ClientSampleId :

MH-736

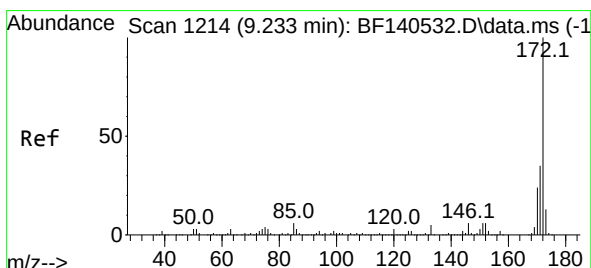
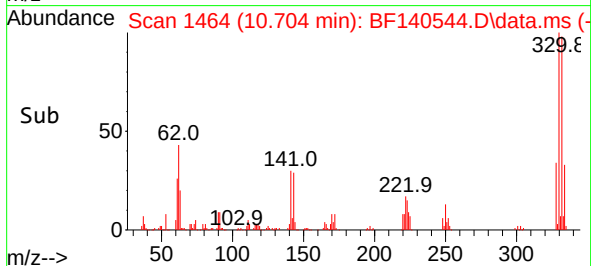
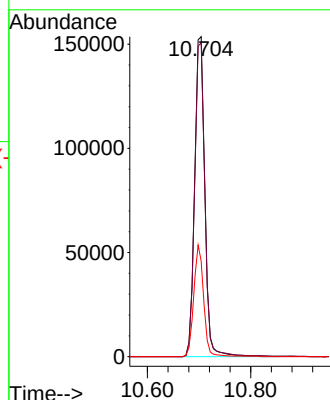
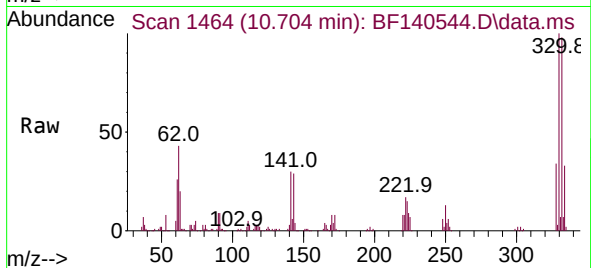
Tgt Ion:330 Resp: 211162

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 33.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.337 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140544.D

Acq: 21 Nov 2024 19:14

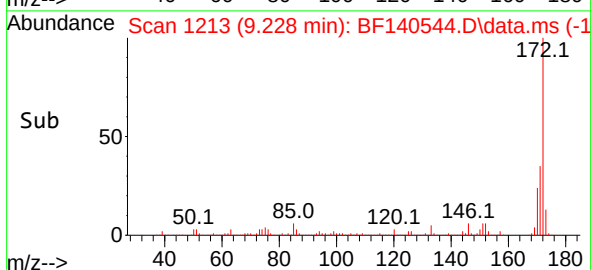
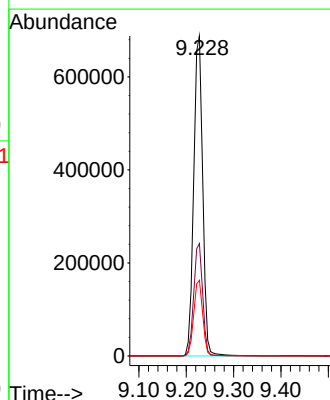
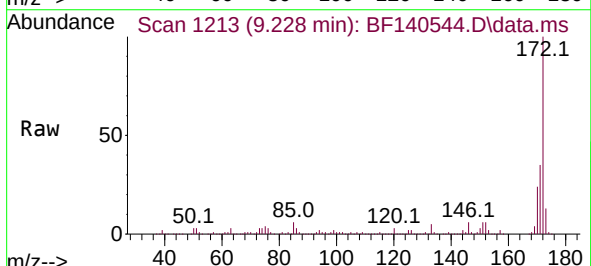
Tgt Ion:172 Resp: 911652

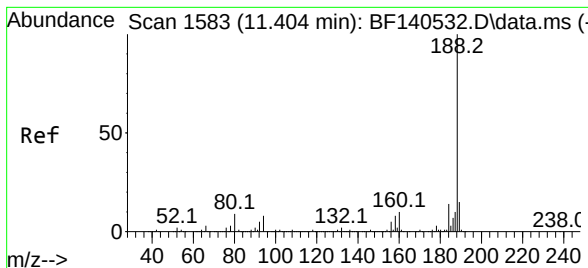
Ion Ratio Lower Upper

172 100

171 35.2 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: BF140544.D

Acq: 21 Nov 2024 19:14

Instrument :

BNA_F

ClientSampleId :

MH-736

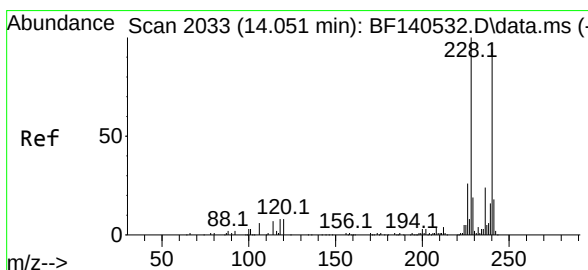
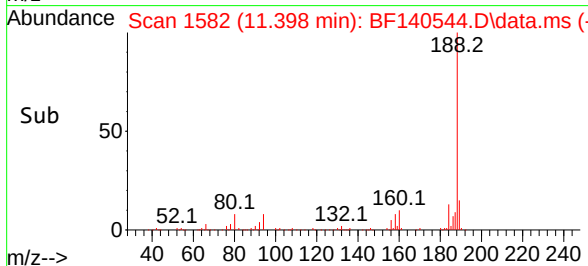
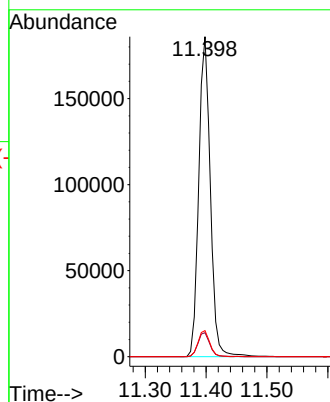
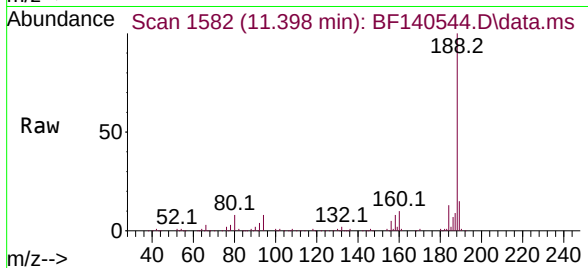
Tgt Ion:188 Resp: 244646

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.1 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: BF140544.D

Acq: 21 Nov 2024 19:14

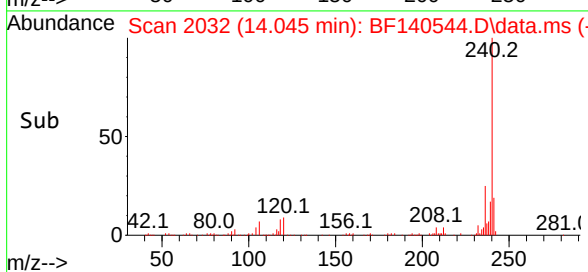
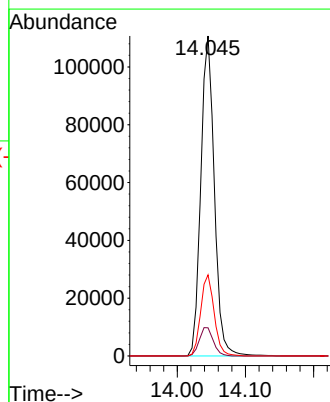
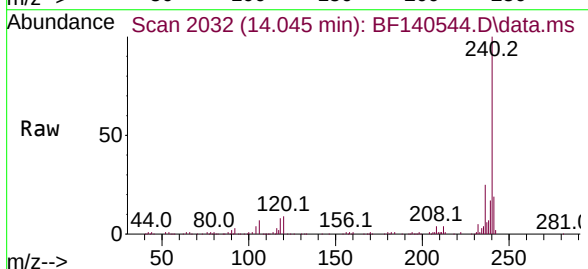
Tgt Ion:240 Resp: 152916

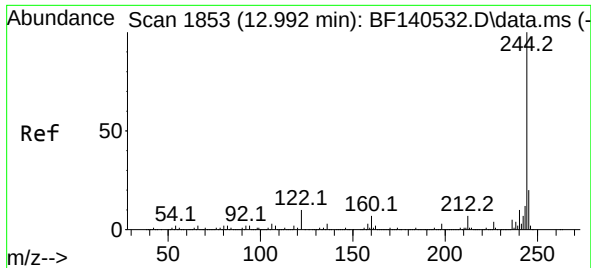
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.4 20.6 31.0

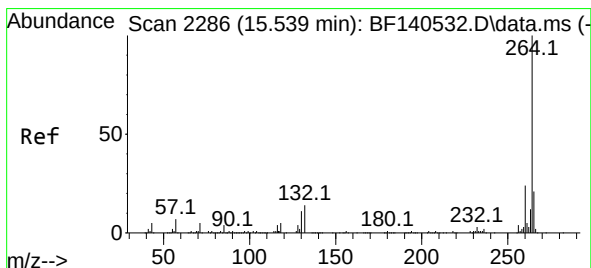
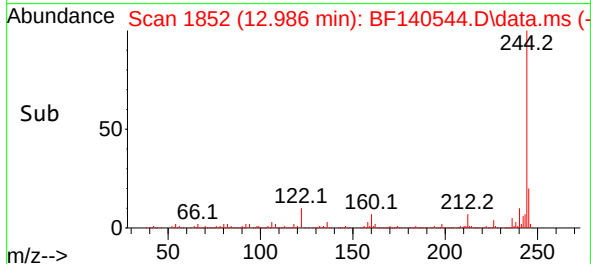
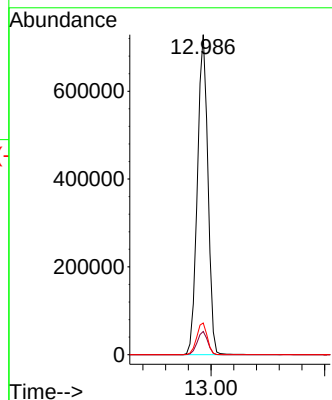
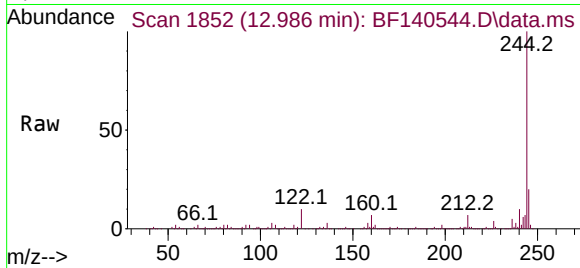




#79
 Terphenyl-d14
 Concen: 95.768 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140544.D
 Acq: 21 Nov 2024 19:14

Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Tgt Ion:244 Resp: 940475
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140544.D
 Acq: 21 Nov 2024 19:14

Tgt Ion:264 Resp: 117093
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.4 16.6 25.0

