

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140636.D
 Acq On : 26 Nov 2024 12:44
 Operator : RC/JU
 Sample : P4960-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Nov 26 13:16:24 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	80593	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316931	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169233	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307469	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164786	20.000	ng	0.00
86) Perylene-d12	15.539	264	164960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	428939	90.809	ng	0.00
7) Phenol-d6	6.504	99	568424	91.027	ng	-0.01
23) Nitrobenzene-d5	7.428	82	379502	61.249	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	154356	85.281	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	710097	62.518	ng	-0.01
79) Terphenyl-d14	12.980	244	672321	63.530	ng	-0.01

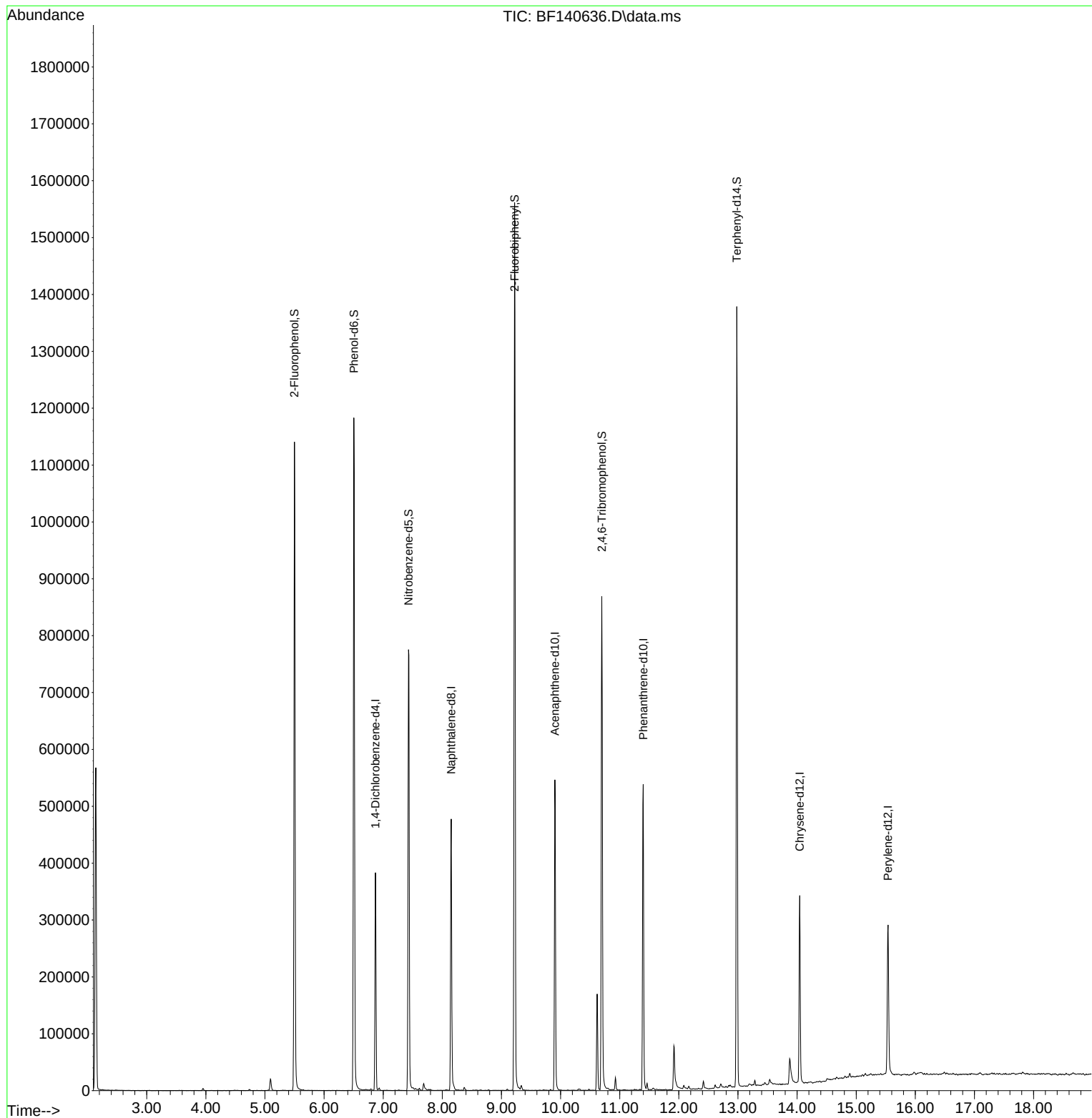
Target Compounds	Qvalue

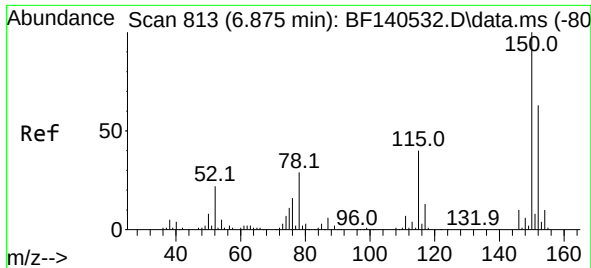
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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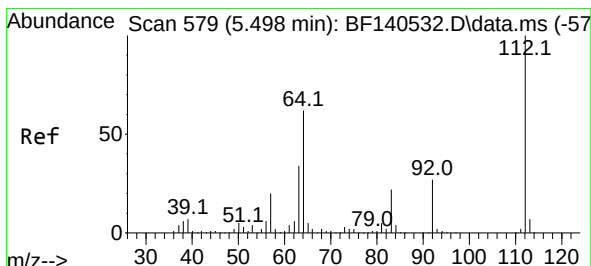
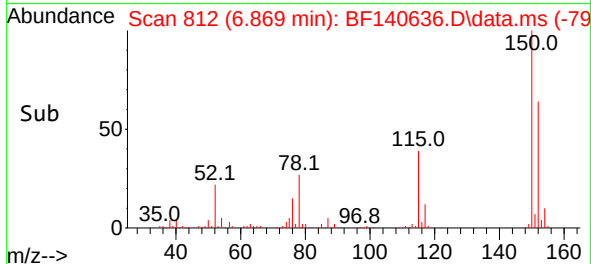
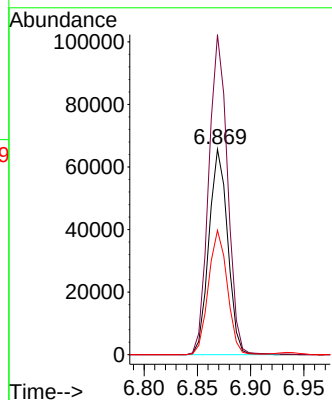
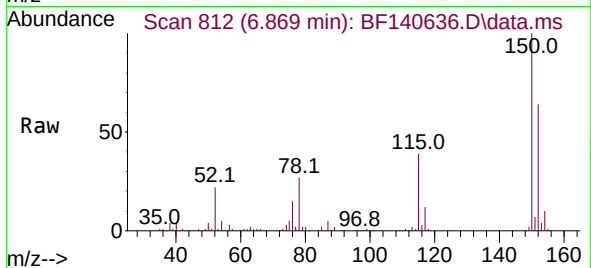




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

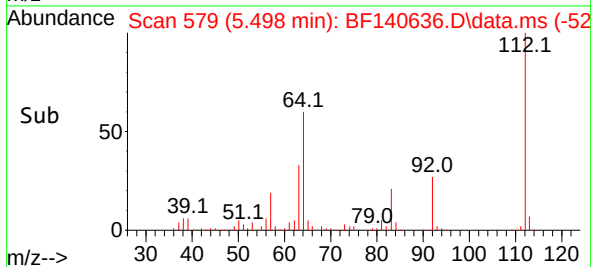
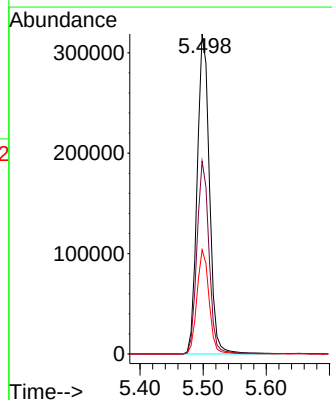
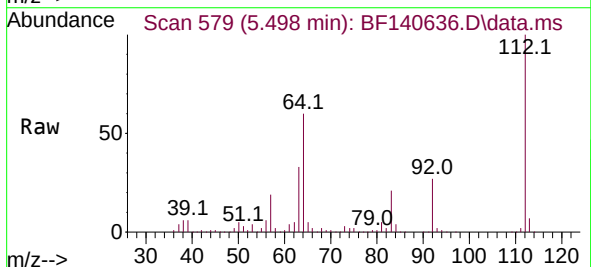
Instrument :
BNA_F
ClientSampleId :
B2

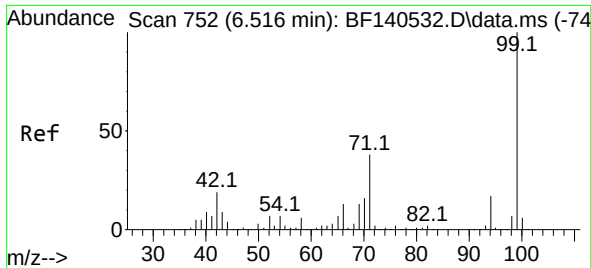
Tgt Ion:152 Resp: 80593
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 60.5 50.2 75.4



#5
2-Fluorophenol
Concen: 90.809 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion:112 Resp: 428939
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 32.6 27.0 40.4

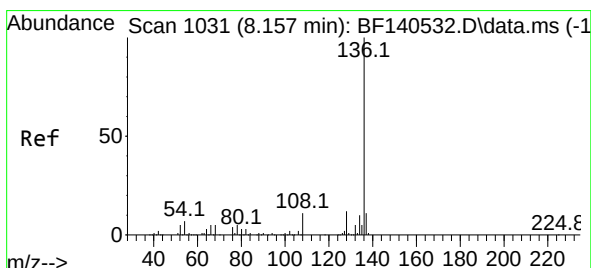
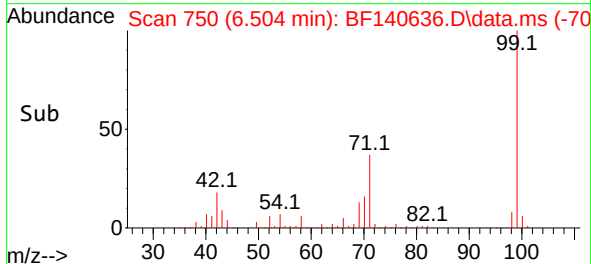
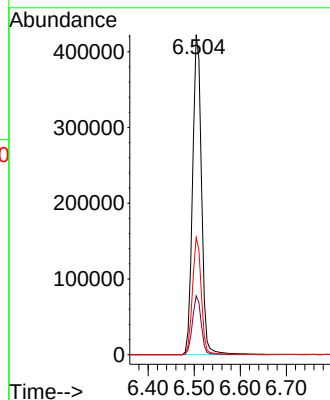
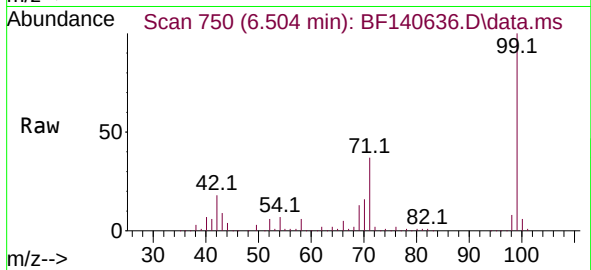




#7
Phenol-d6
Concen: 91.027 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

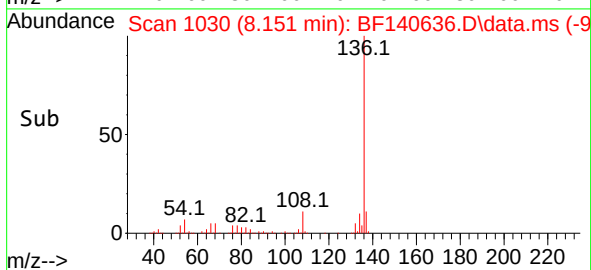
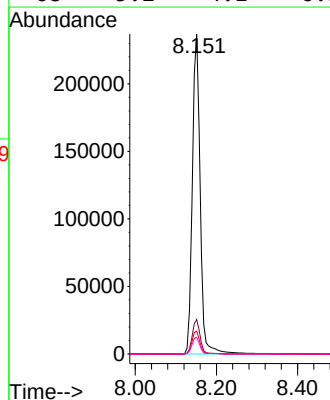
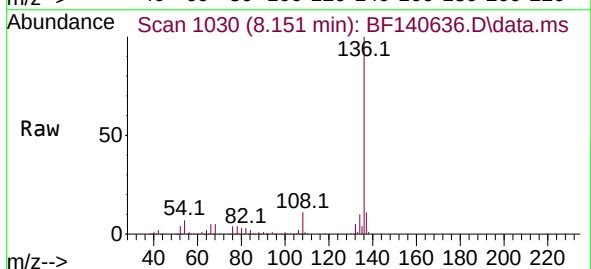
Instrument :
BNA_F
ClientSampleId :
B2

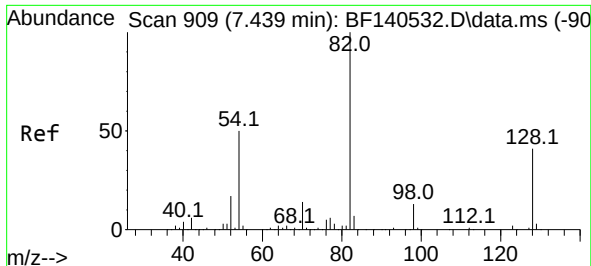
Tgt Ion: 99 Resp: 568424
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion: 136 Resp: 316931
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1

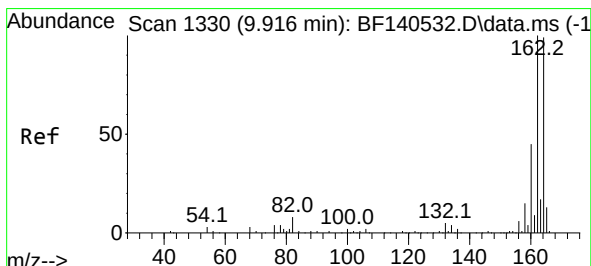
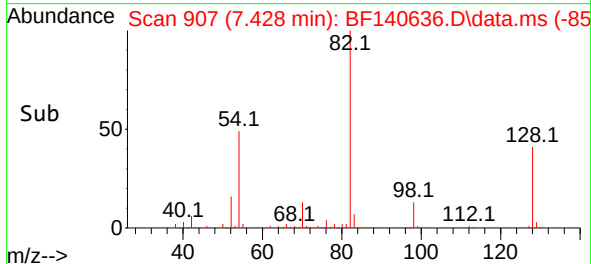
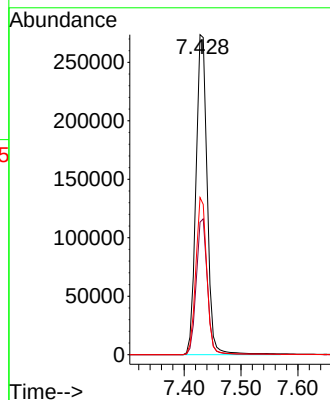
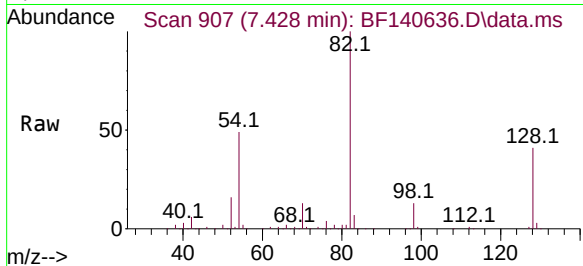




#23
Nitrobenzene-d5
Concen: 61.249 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

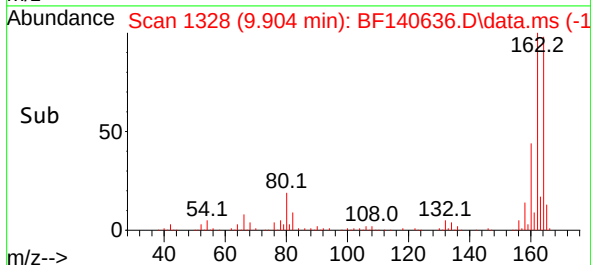
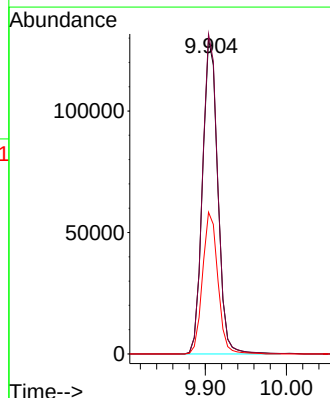
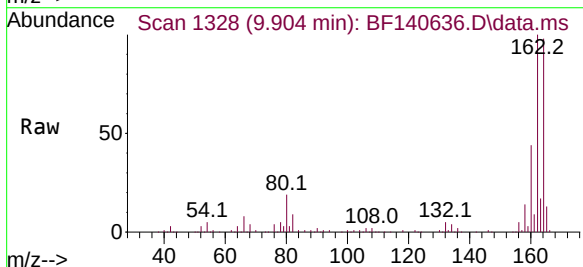
Instrument :
BNA_F
ClientSampleId :
B2

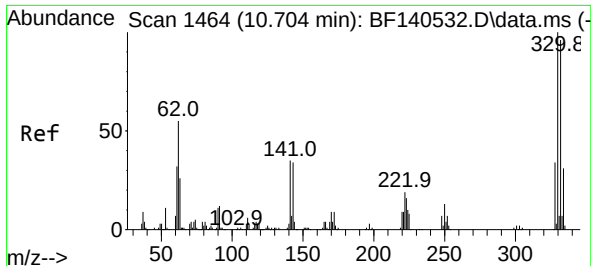
Tgt Ion: 82 Resp: 379502
Ion Ratio Lower Upper
82 100
128 41.4 33.0 49.4
54 49.1 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion:164 Resp: 169233
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 85.281 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

Instrument :

BNA_F

ClientSampleId :

B2

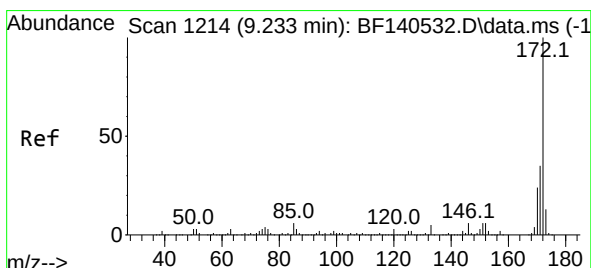
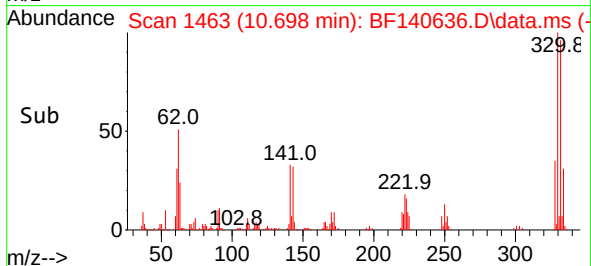
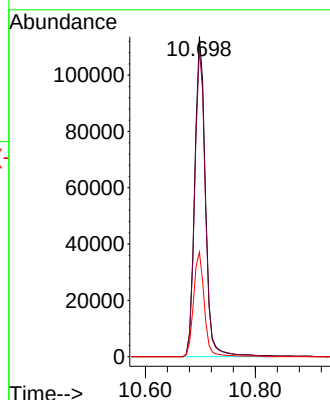
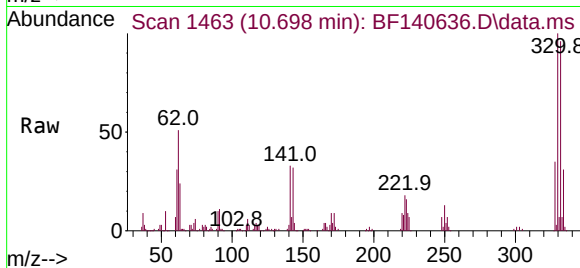
Tgt Ion:330 Resp: 154356

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 62.518 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

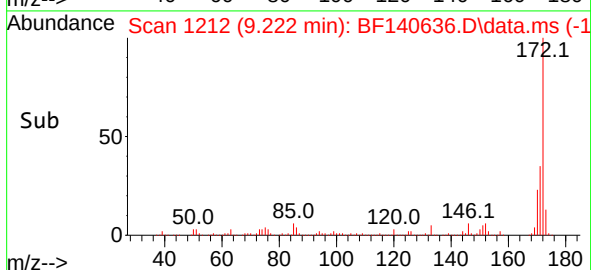
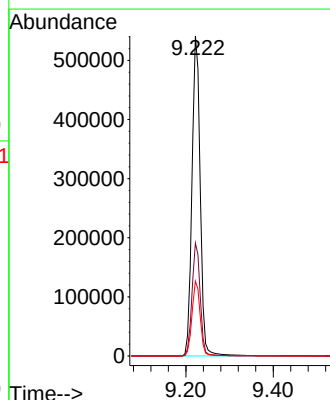
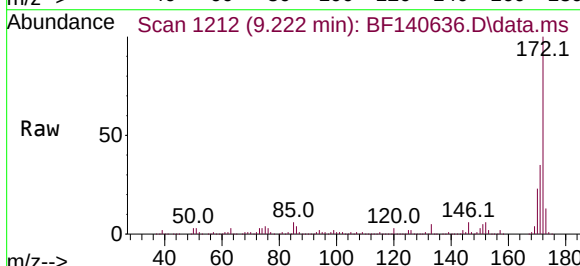
Tgt Ion:172 Resp: 710097

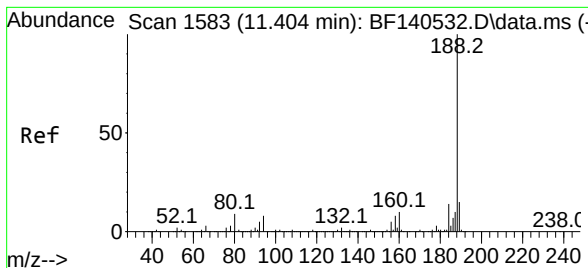
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 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: BF140636.D

Acq: 26 Nov 2024 12:44

Instrument :

BNA_F

ClientSampleId :

B2

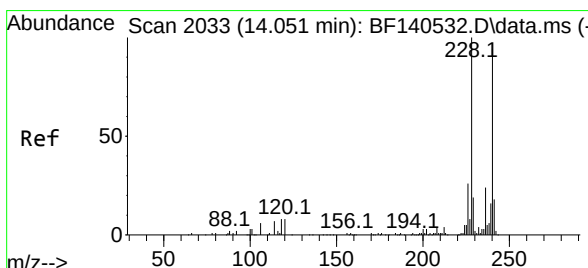
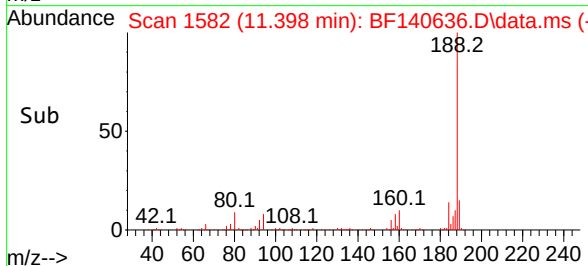
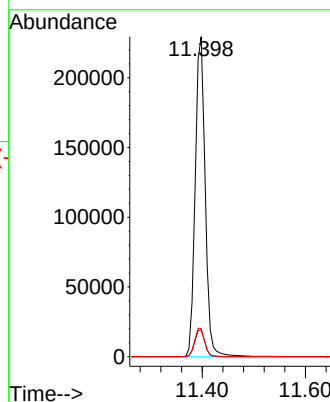
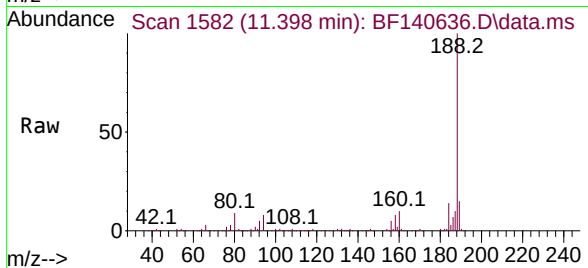
Tgt Ion:188 Resp: 307469

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.8 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: BF140636.D

Acq: 26 Nov 2024 12:44

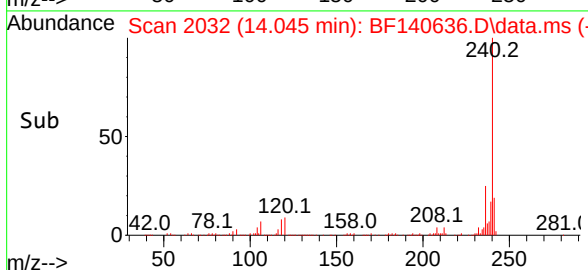
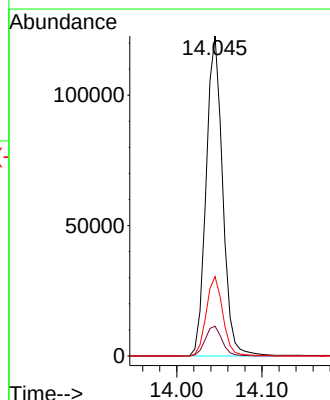
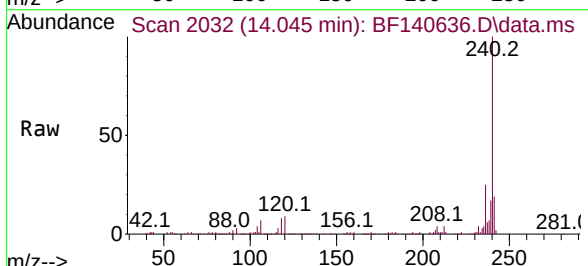
Tgt Ion:240 Resp: 164786

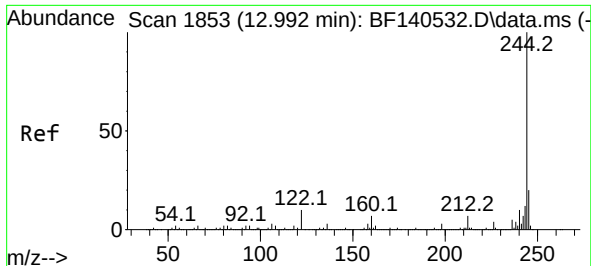
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

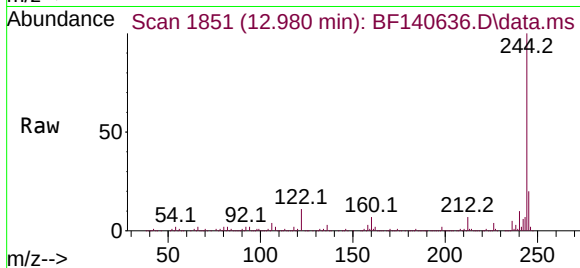
236 24.8 20.6 31.0



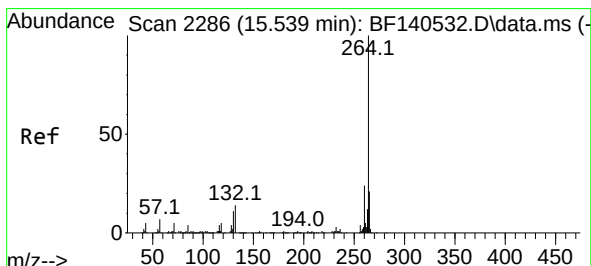
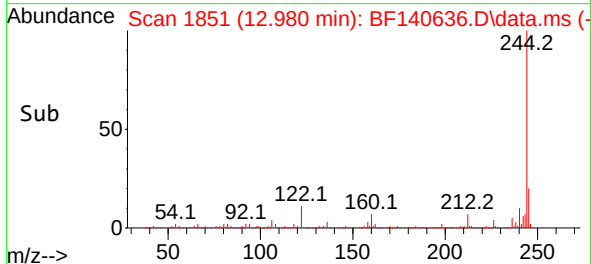
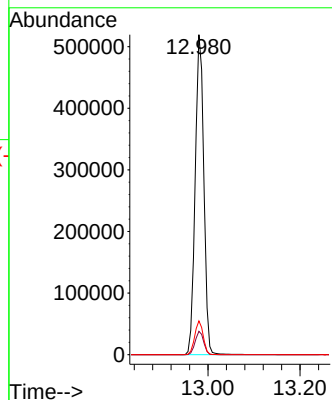


#79
 Terphenyl-d14
 Concen: 63.530 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140636.D
 Acq: 26 Nov 2024 12:44

Instrument :
 BNA_F
 ClientSampleId :
 B2



Tgt Ion:244 Resp: 672321
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.5 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: BF140636.D
 Acq: 26 Nov 2024 12:44

Tgt Ion:264 Resp: 164960
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.9 16.6 25.0

