

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140595.D
 Acq On : 25 Nov 2024 11:43
 Operator : RC/JU
 Sample : PB165111TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165111TB

Quant Time: Nov 25 12:10:49 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	103457	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	388822	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	219417	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	419093	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224903	20.000	ng	0.00
86) Perylene-d12	15.562	264	185509	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	837043	138.045	ng	0.01
7) Phenol-d6	6.510	99	1037142	129.381	ng	0.00
23) Nitrobenzene-d5	7.434	82	696868	91.674	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	304362	129.699	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1299183	88.221	ng	-0.01
79) Terphenyl-d14	12.986	244	1407646	97.459	ng	0.00

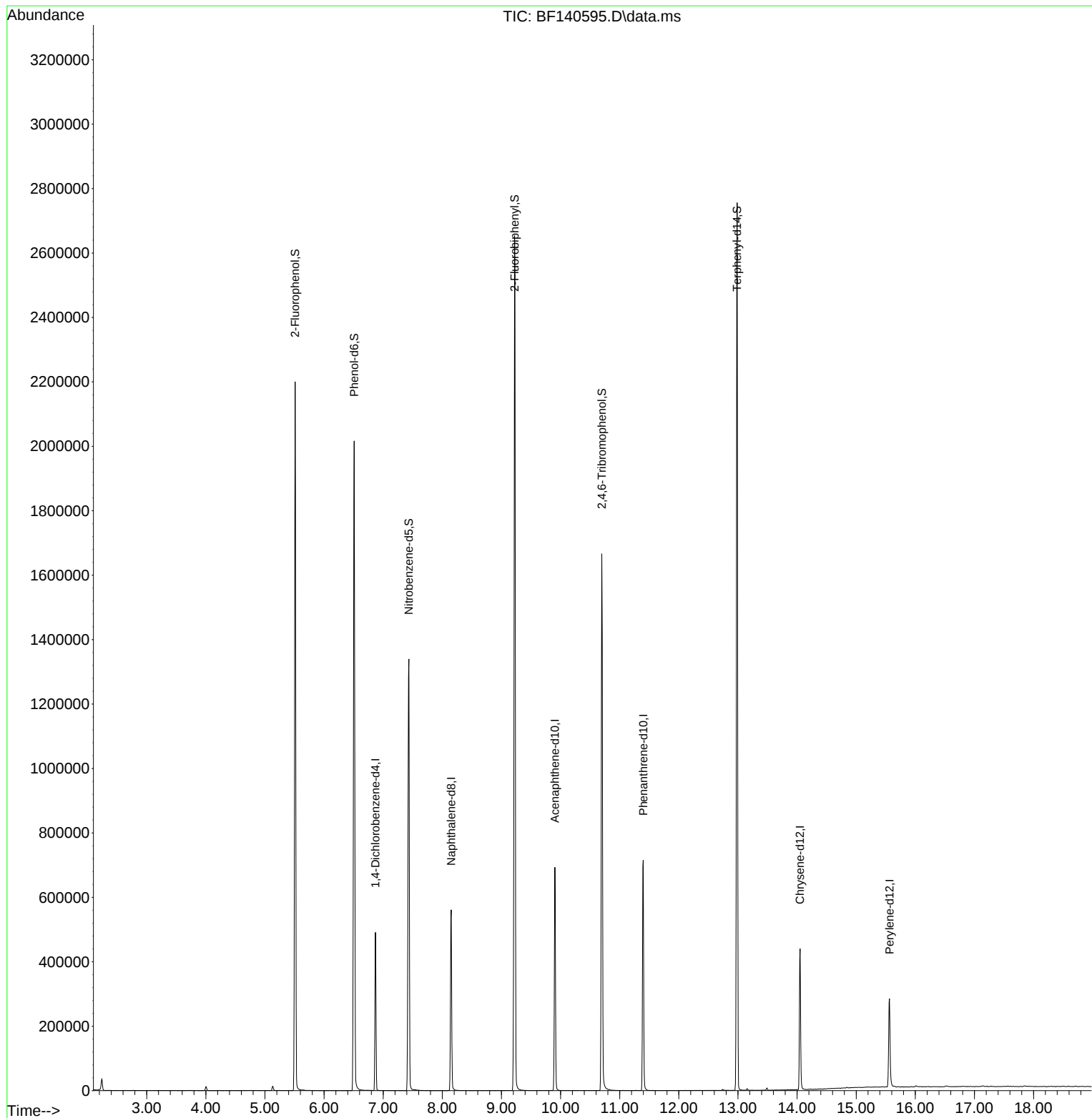
Target Compounds	Qvalue

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

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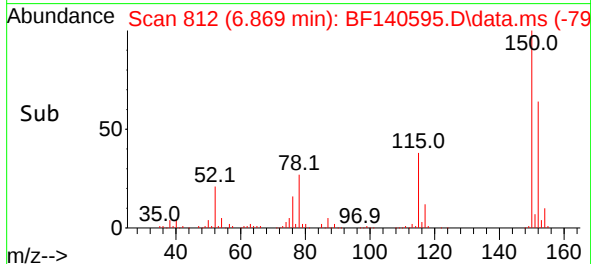
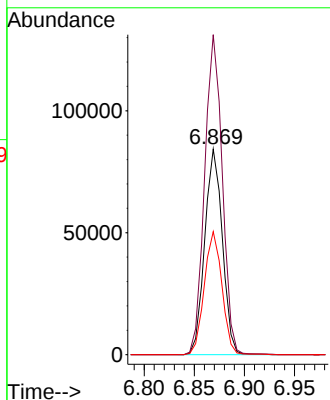
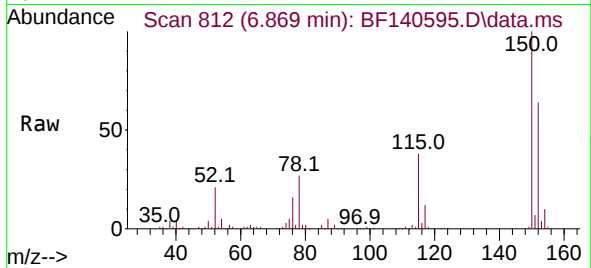




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

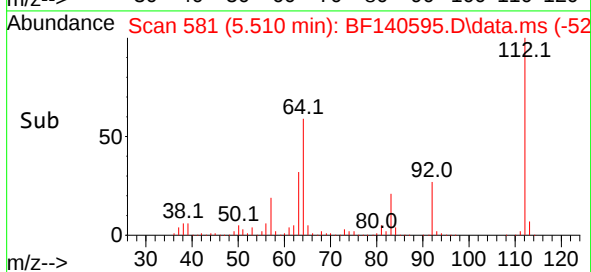
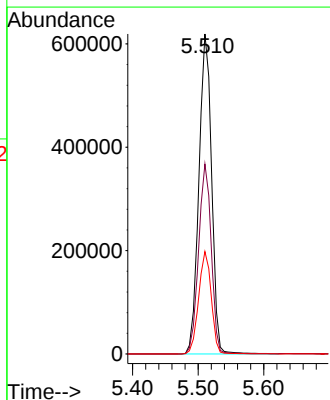
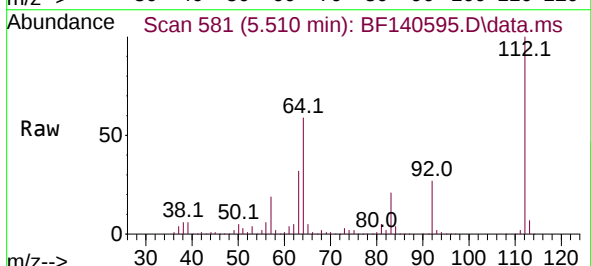
Instrument :
BNA_F
ClientSampleId :
PB165111TB

Tgt Ion:152 Resp: 103457
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 59.9 50.2 75.4



#5
2-Fluorophenol
Concen: 138.045 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Tgt Ion:112 Resp: 837043
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.0 27.0 40.4

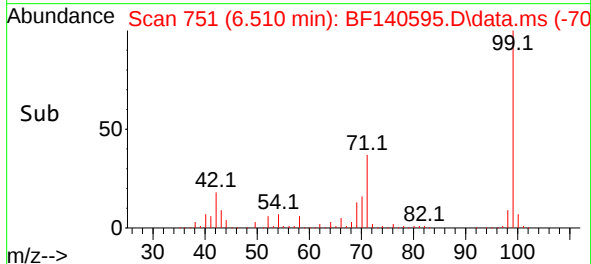
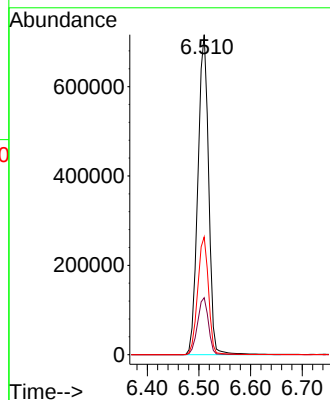
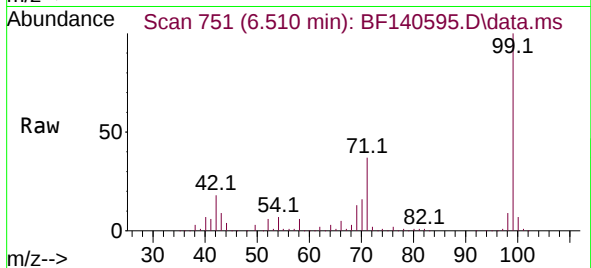




#7
Phenol-d6
Concen: 129.381 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

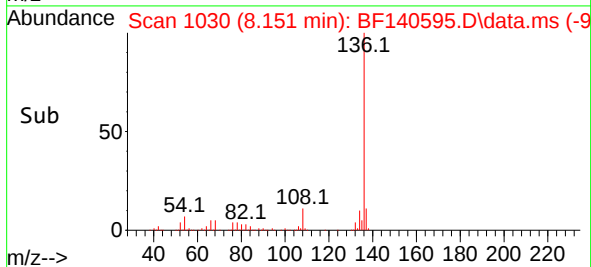
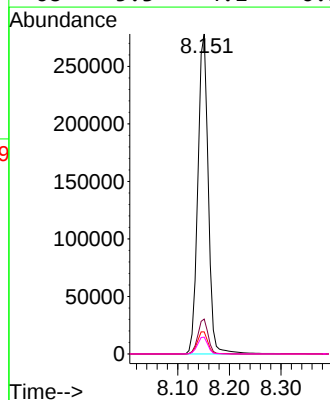
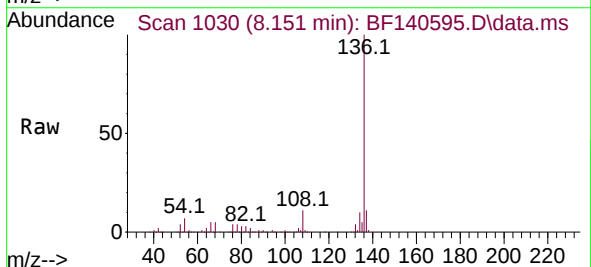
Instrument :
BNA_F
ClientSampleId :
PB165111TB

Tgt Ion: 99 Resp: 1037142
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.8 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: BF140595.D
Acq: 25 Nov 2024 11:43

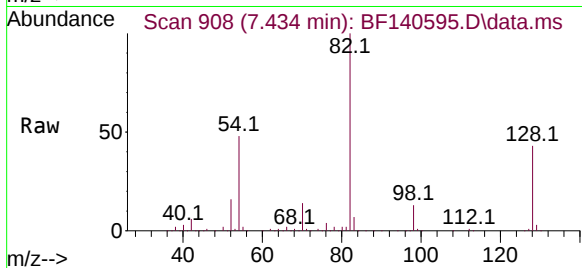
Tgt Ion: 136 Resp: 388822
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1



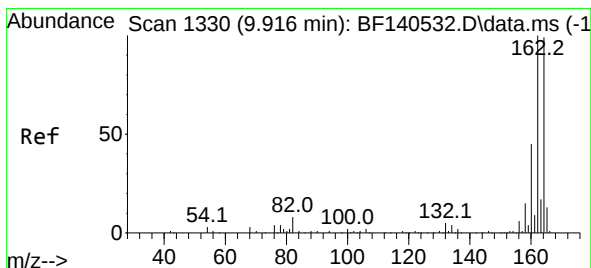
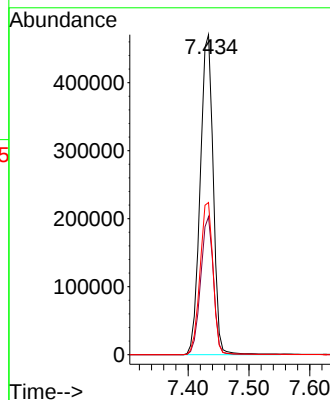
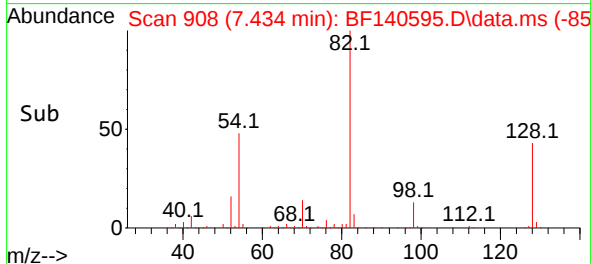


#23
Nitrobenzene-d5
Concen: 91.674 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB165111TB

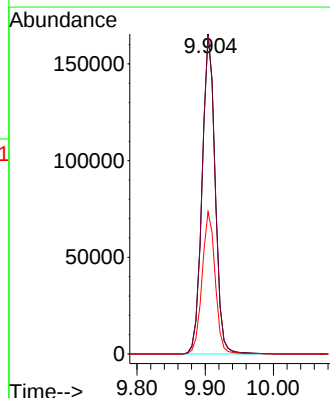
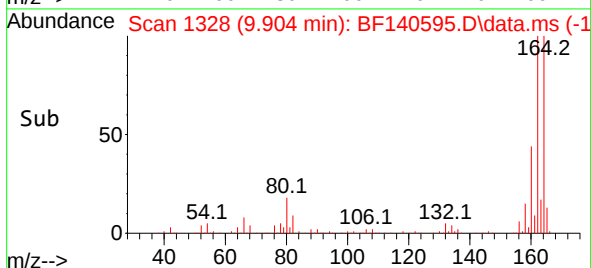
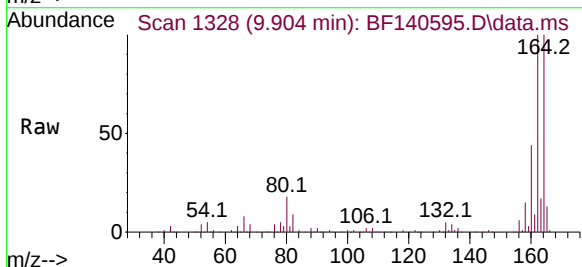


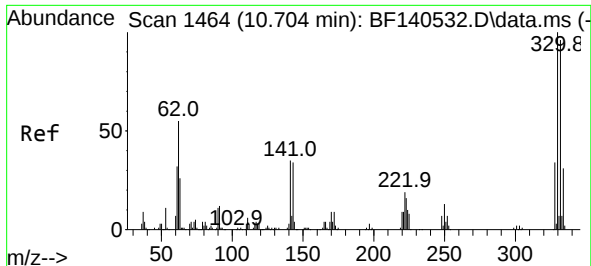
Tgt Ion: 82 Resp: 696868
Ion Ratio Lower Upper
82 100
128 43.1 33.0 49.4
54 47.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Tgt Ion:164 Resp: 219417
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.699 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140595.D

Acq: 25 Nov 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB165111TB

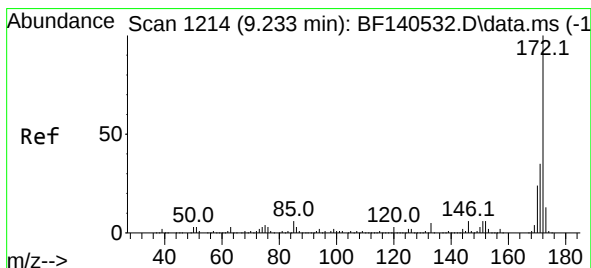
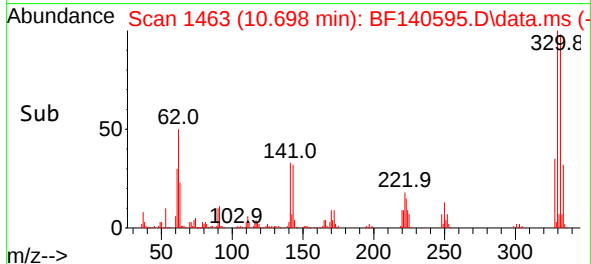
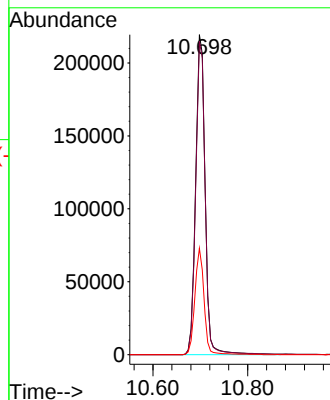
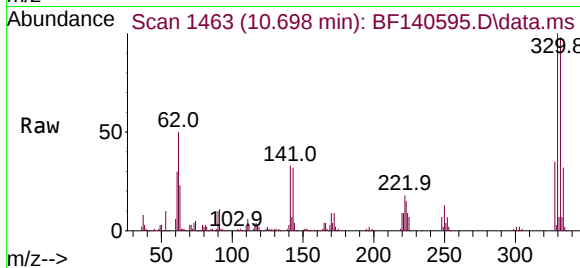
Tgt Ion:330 Resp: 304362

Ion Ratio Lower Upper

330 100

332 97.8 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 88.221 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140595.D

Acq: 25 Nov 2024 11:43

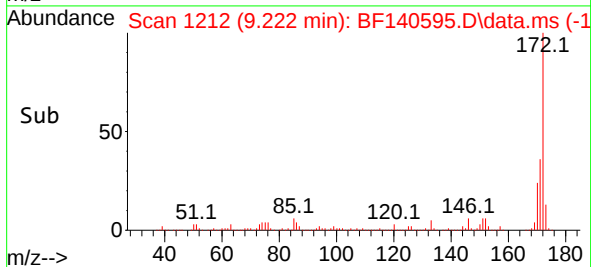
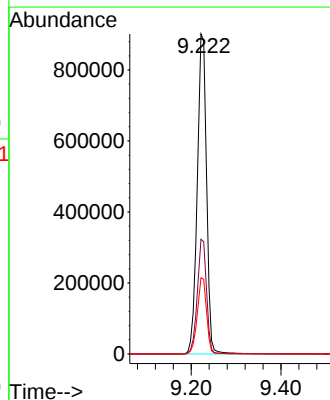
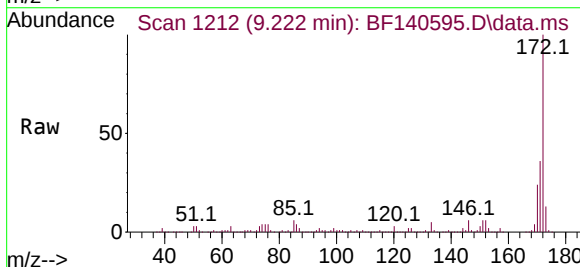
Tgt Ion:172 Resp: 1299183

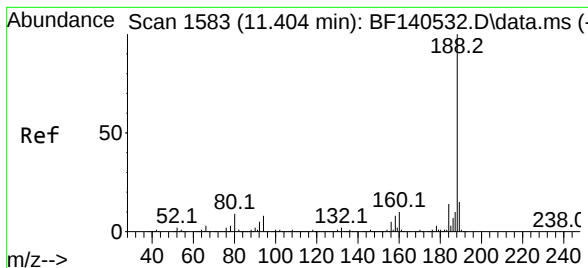
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 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: BF140595.D

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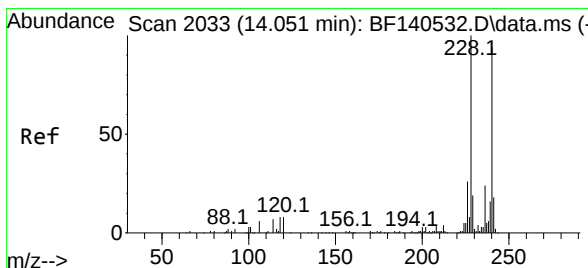
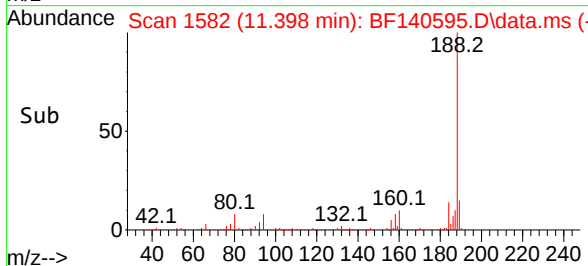
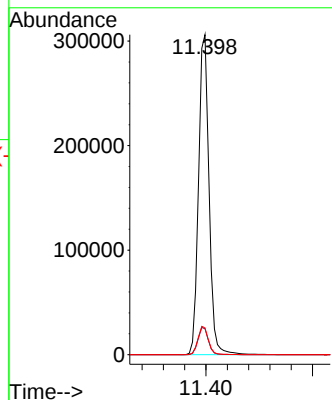
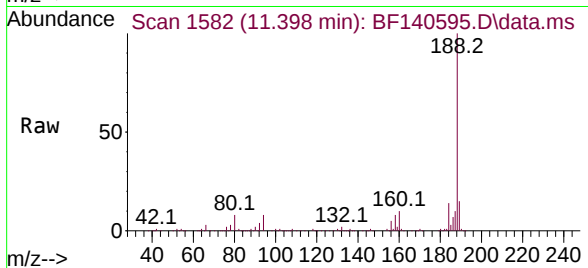
Tgt Ion:188 Resp: 419093

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.3 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140595.D

Acq: 25 Nov 2024 11:43

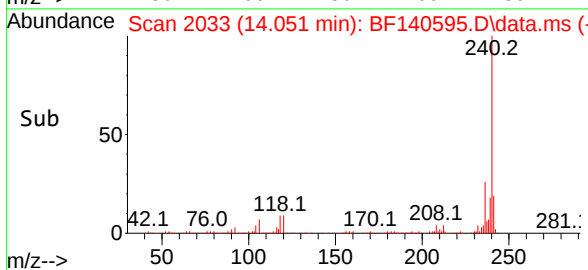
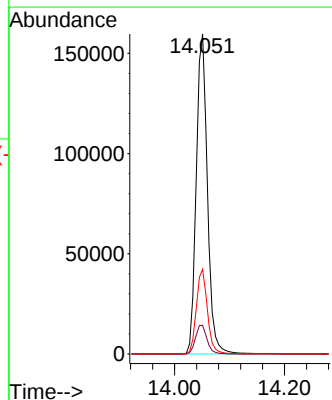
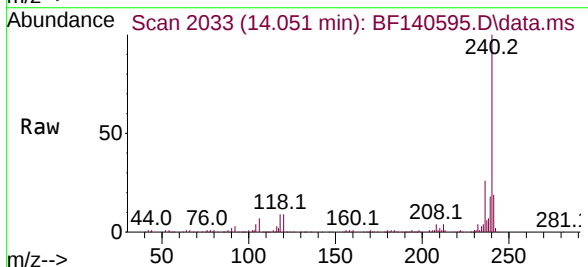
Tgt Ion:240 Resp: 224903

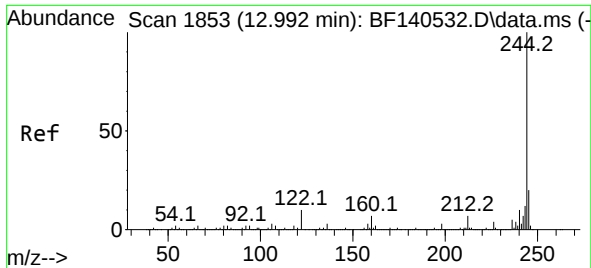
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 26.5 20.6 31.0

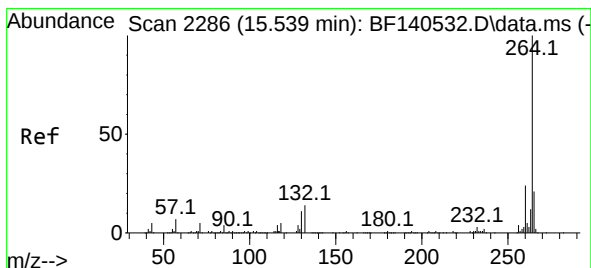
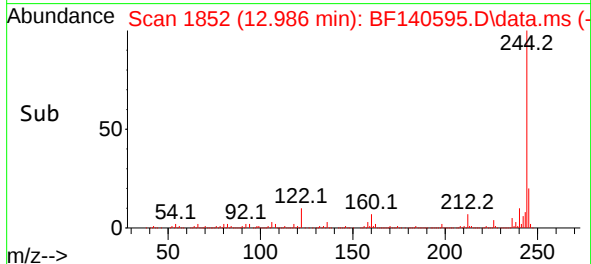
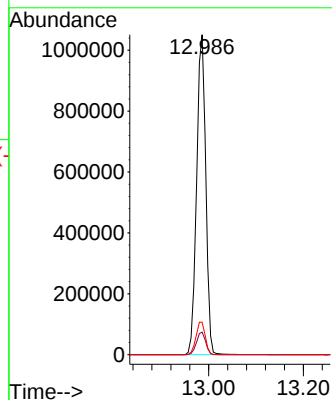
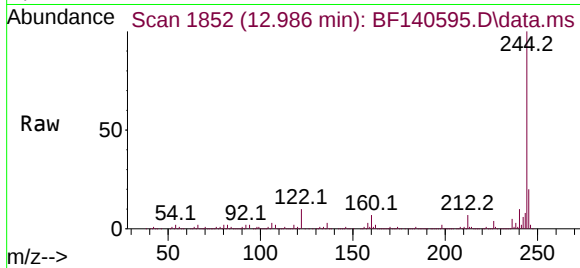




#79
Terphenyl-d14
Concen: 97.459 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB165111TB

Tgt Ion:244 Resp: 1407646
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2290
Delta R.T. 0.024 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Tgt Ion:264 Resp: 185509
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 21.2 16.6 25.0

