

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)

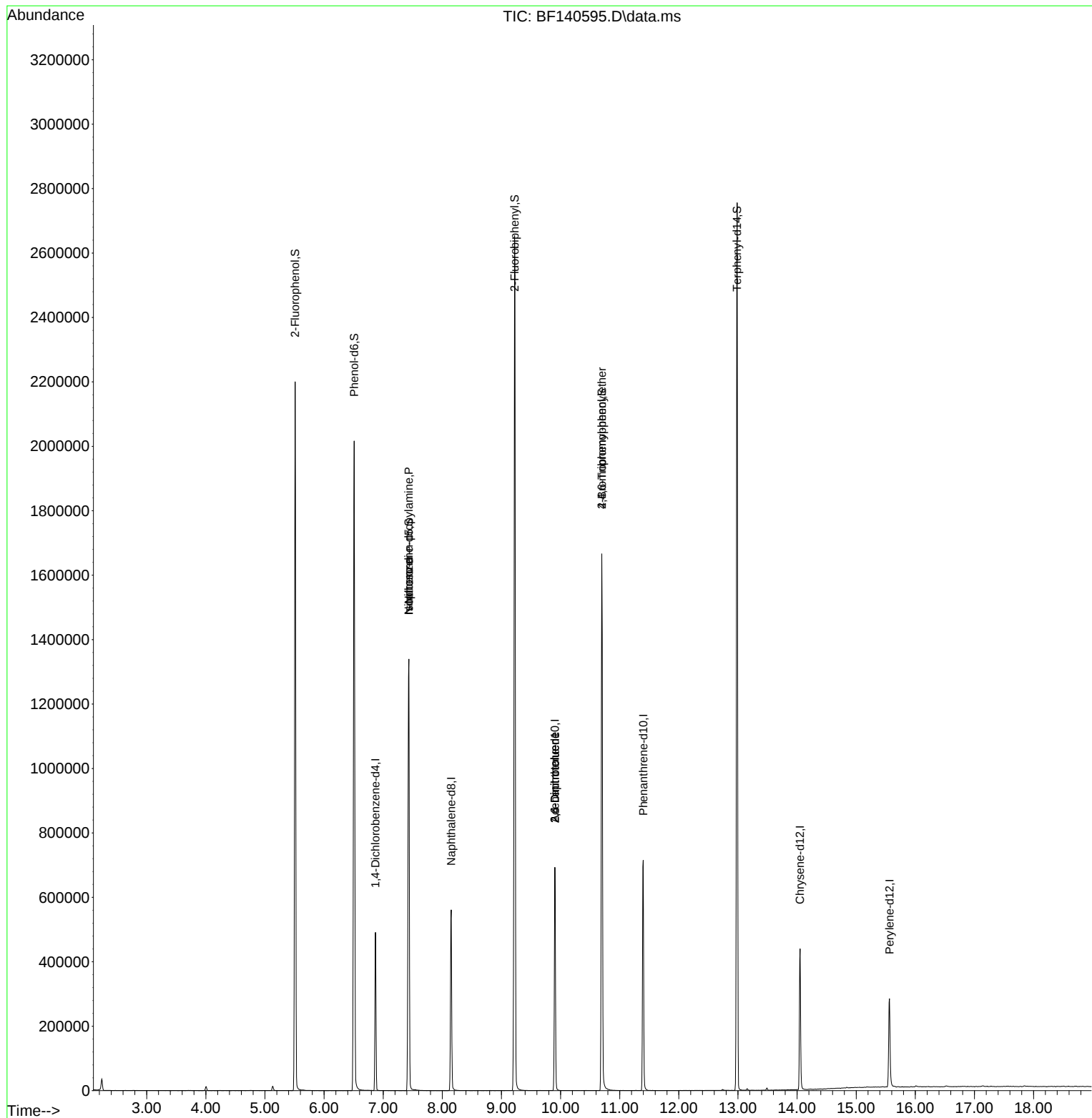
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	103457	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	388822	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	219417	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	419093	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224903	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.434	70	94948	20.042	ng	# 75
25) Isophorone	7.434	82	684129	53.958	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28555	8.713	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	28555	6.556	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19738	4.573	ng	# 1

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

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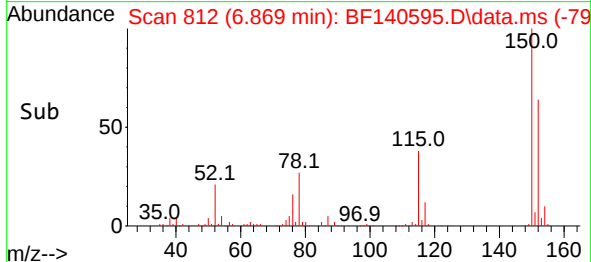
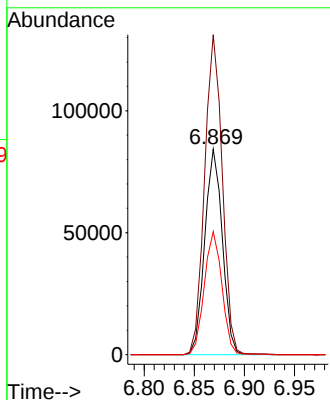
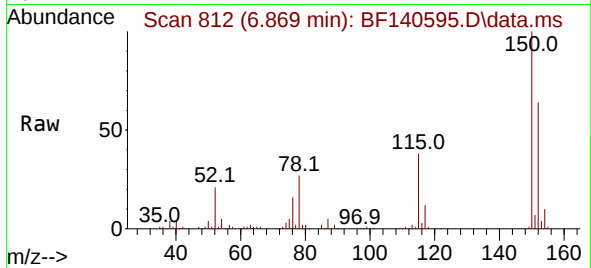




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

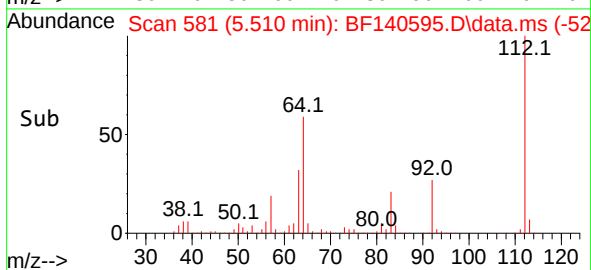
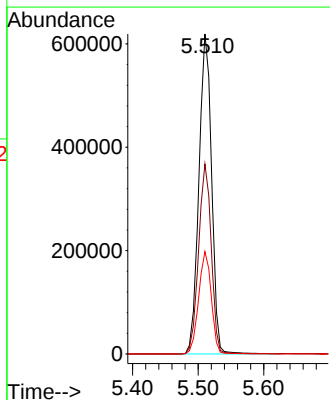
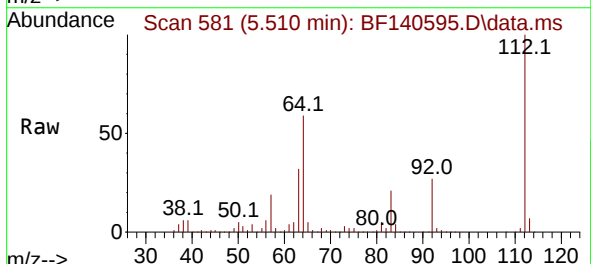
Instrument :
BNA_F
ClientSampleId :
PB165111TB

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 :

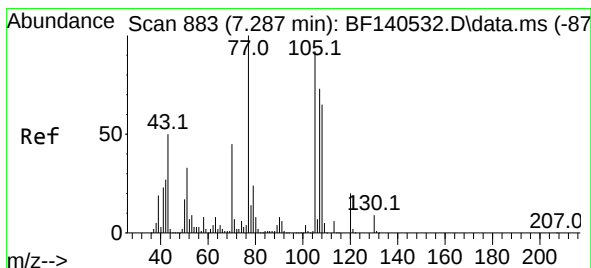
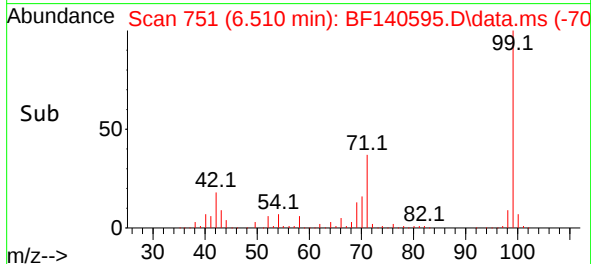
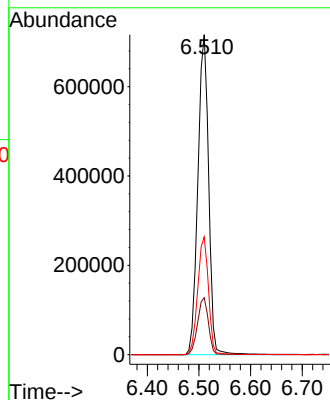
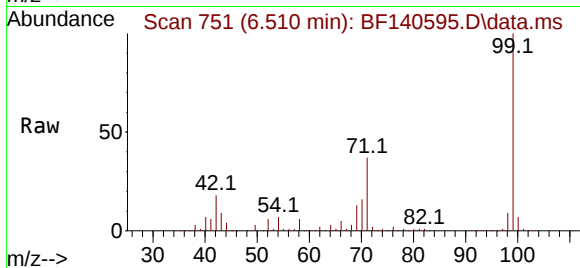
BNA_F

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



#19

n-Nitroso-di-n-propylamine

Concen: 20.042 ng

RT: 7.434 min Scan# 908

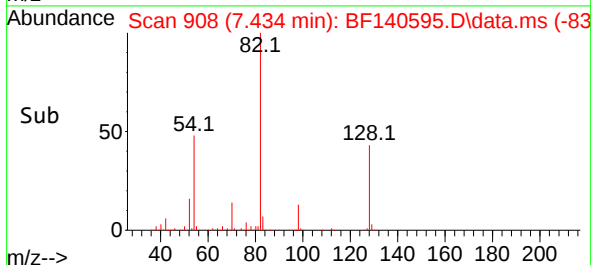
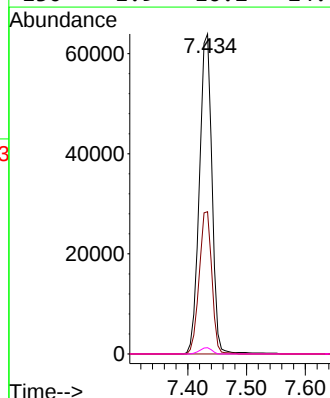
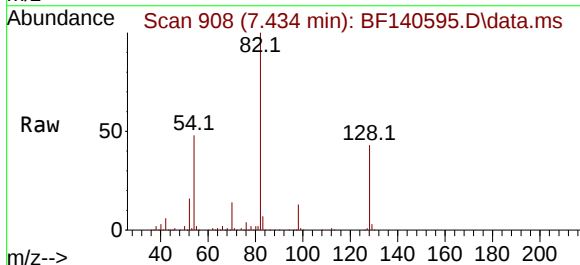
Delta R.T. 0.147 min

Lab File: BF140595.D

Acq: 25 Nov 2024 11:43

Tgt Ion: 70 Resp: 94948

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.6	71.4#
101	0.0	7.6	11.4#
130	1.9	16.2	24.4#



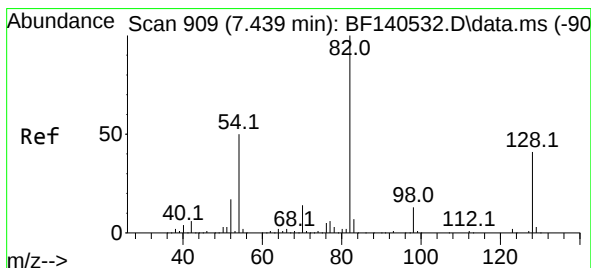
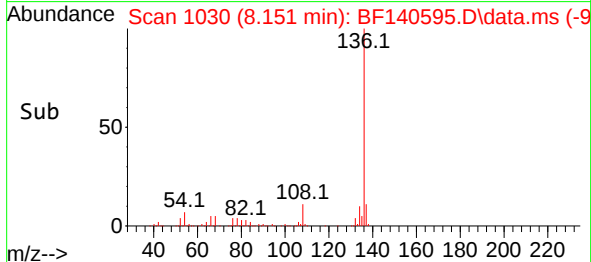
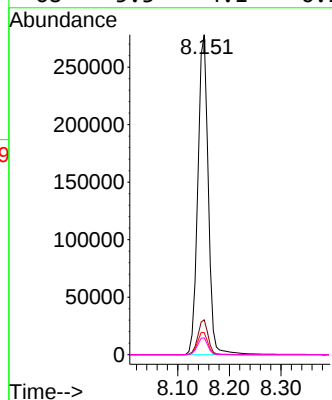
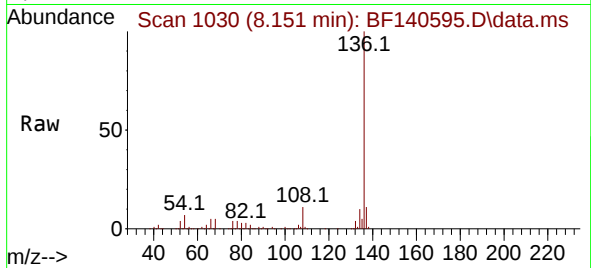


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Instrument :
BNA_F
ClientSampleId :
PB165111TB

Tgt Ion:136 Resp: 388822

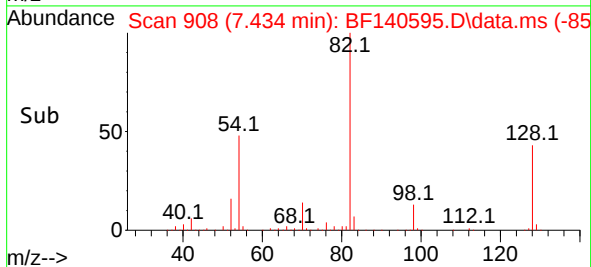
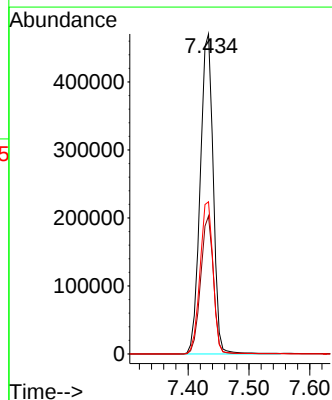
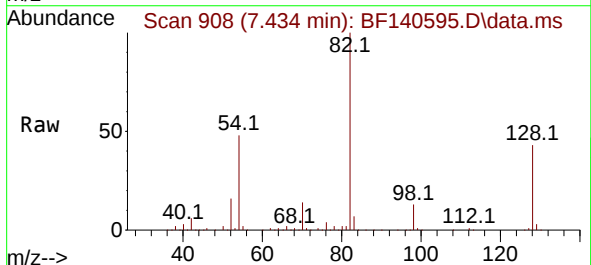
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 91.674 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

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

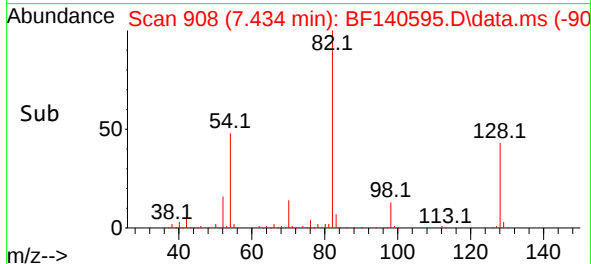
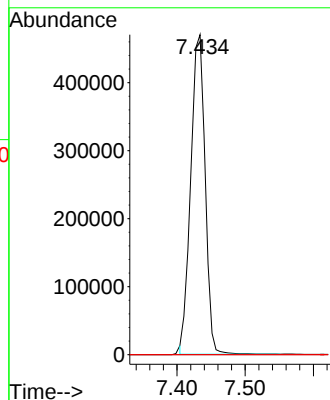
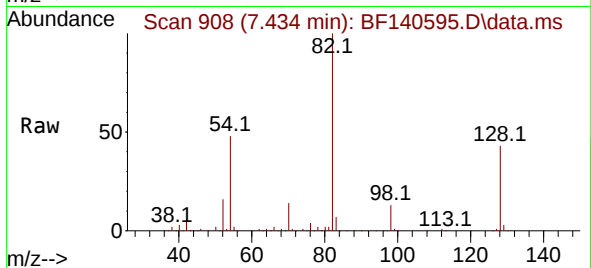




#25
Isophorone
Concen: 53.958 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

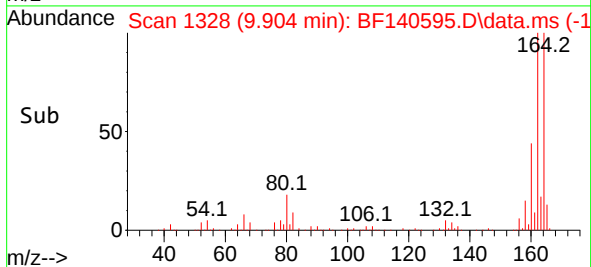
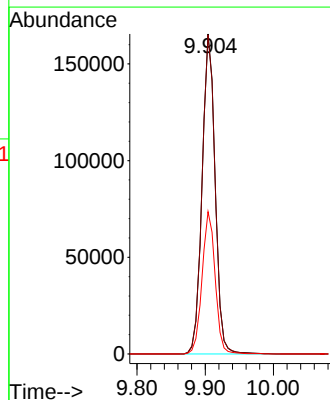
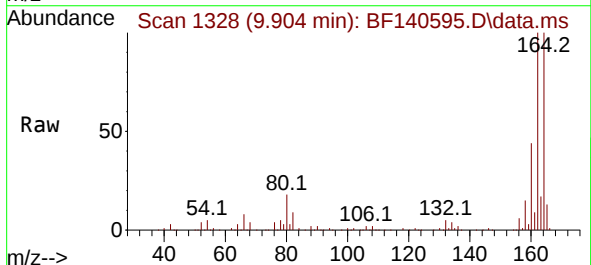
Instrument :
BNA_F
ClientSampleId :
PB165111TB

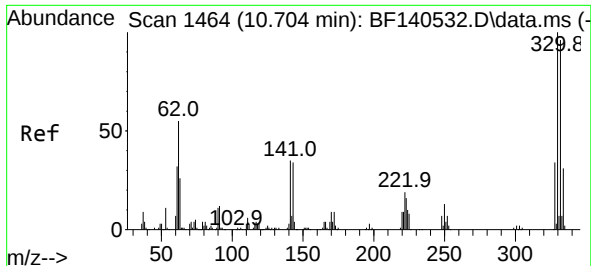
Tgt Ion: 82 Resp: 684129
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#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

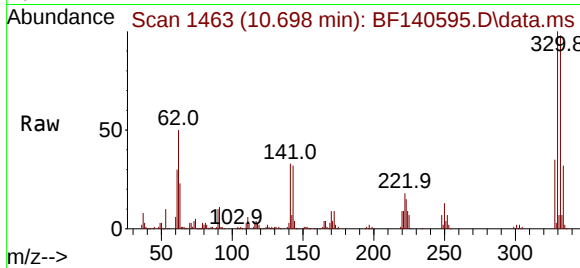
Acq: 25 Nov 2024 11:43

Instrument :

BNA_F

ClientSampleId :

PB165111TB



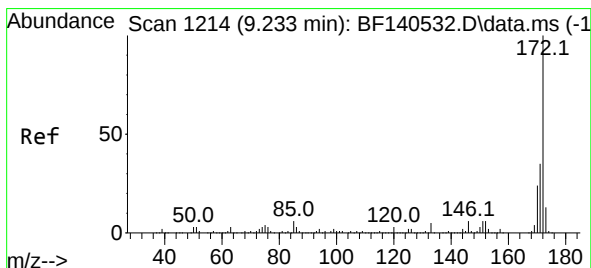
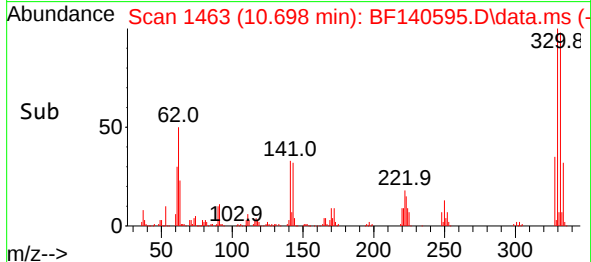
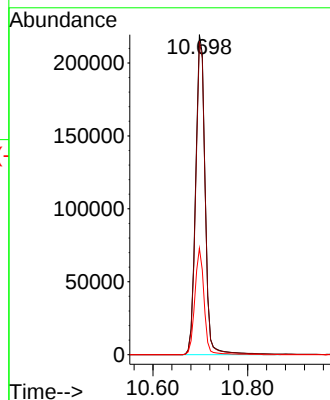
Tgt Ion:330 Resp: 304362

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

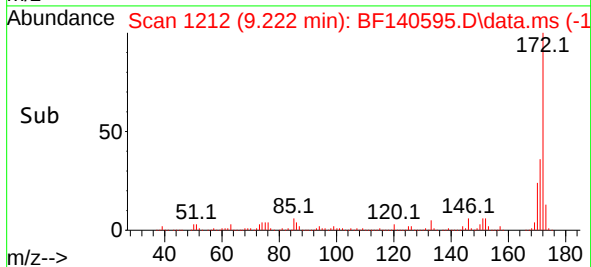
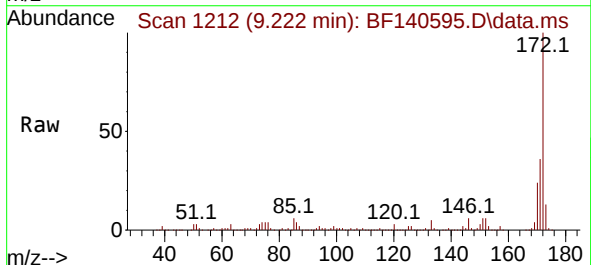
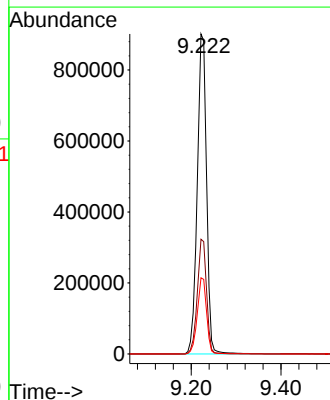
Tgt Ion:172 Resp: 1299183

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 19.0 28.6

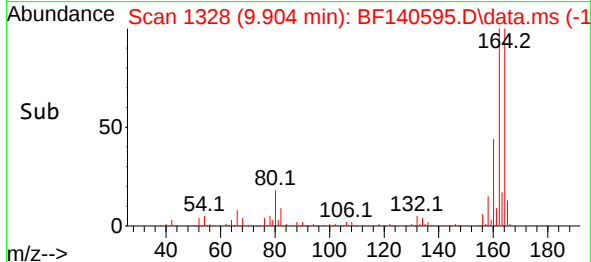
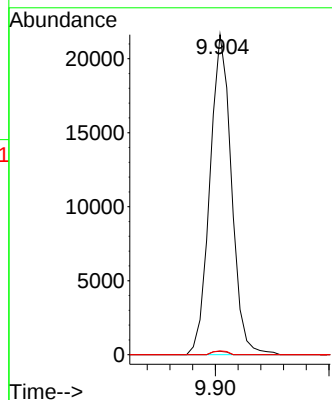
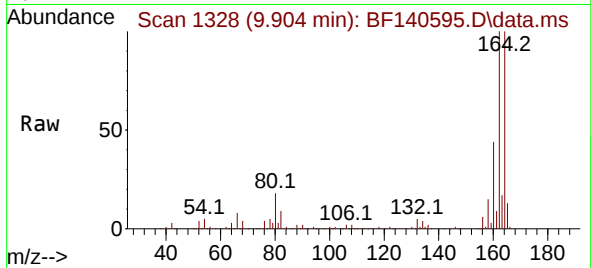




#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

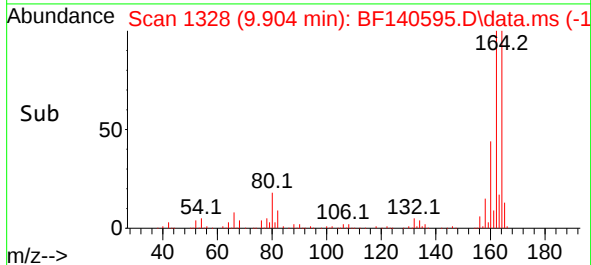
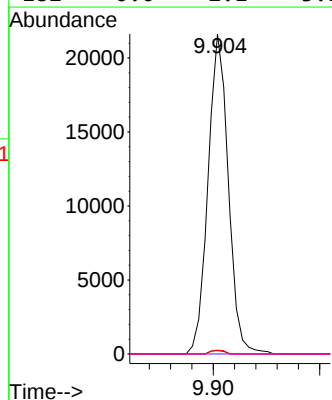
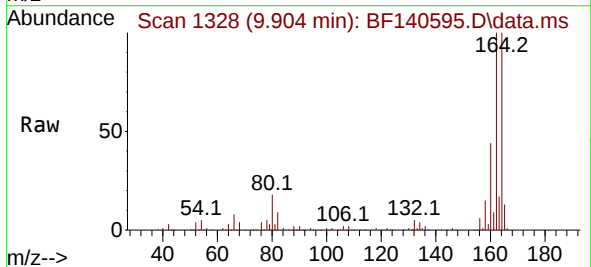
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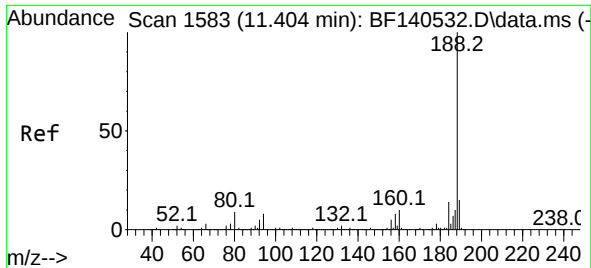
Tgt Ion:165 Resp: 28555
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Tgt Ion:165 Resp: 28555
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#

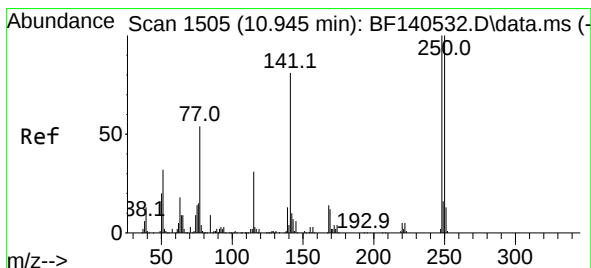
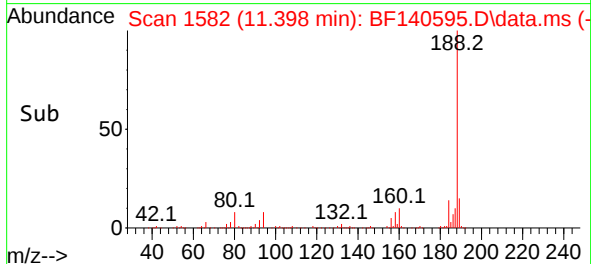
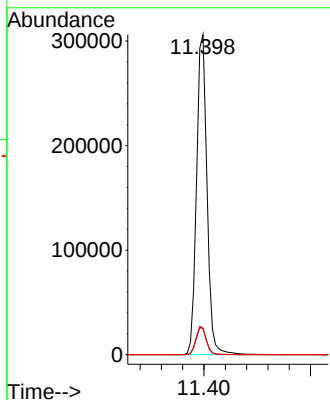
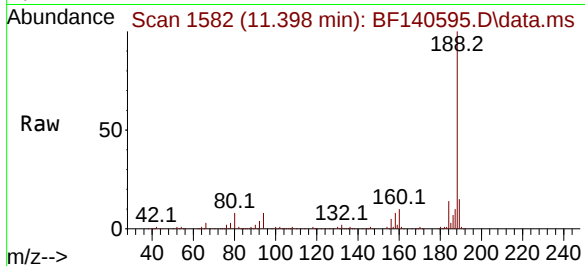




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

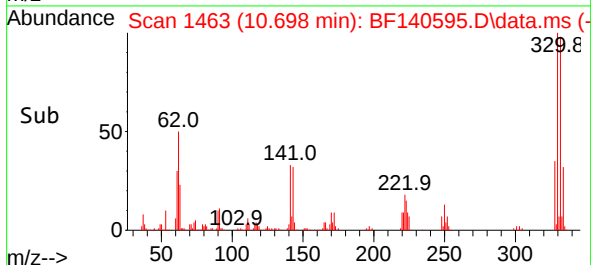
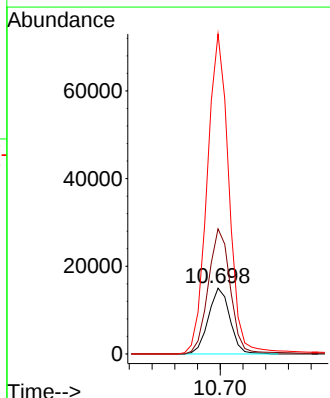
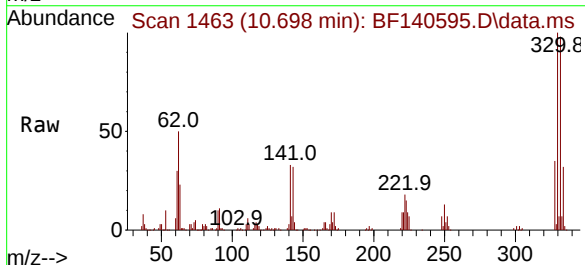
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BNA_F
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PB165111TB

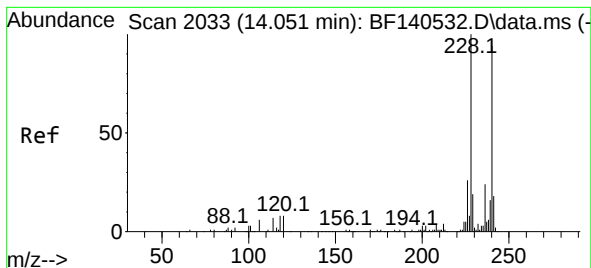
Tgt Ion:188 Resp: 419093
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.3 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.573 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140595.D
Acq: 25 Nov 2024 11:43

Tgt Ion:248 Resp: 19738
Ion Ratio Lower Upper
248 100
250 190.2 79.8 119.8#
141 486.4 64.7 97.1#





#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

Instrument :

BNA_F

ClientSampleId :

PB165111TB

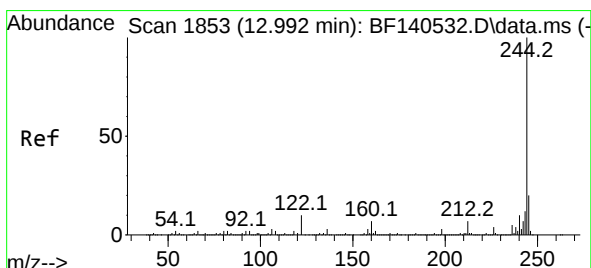
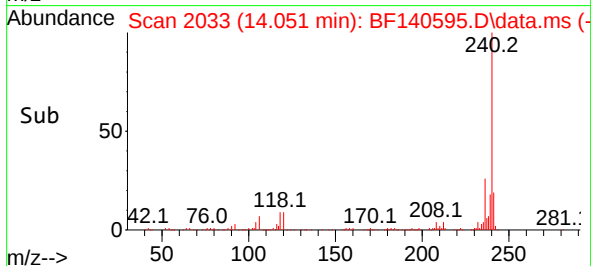
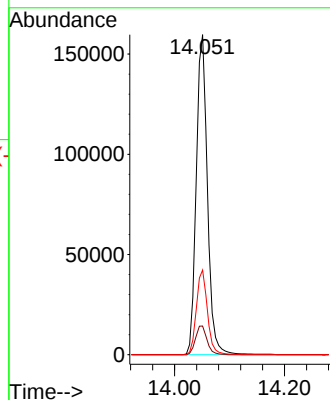
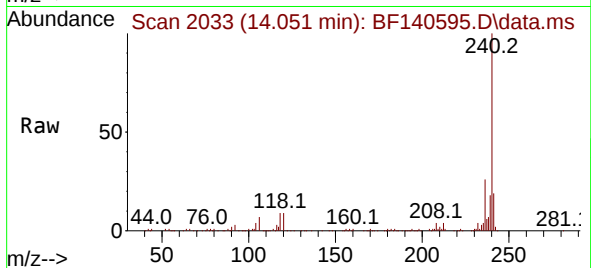
Tgt Ion:240 Resp: 224903

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# 1852

Delta R.T. -0.006 min

Lab File: BF140595.D

Acq: 25 Nov 2024 11:43

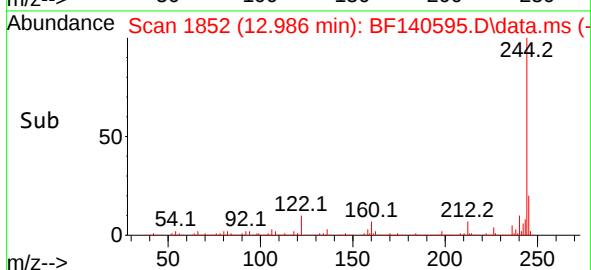
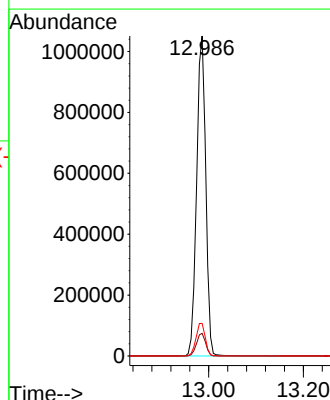
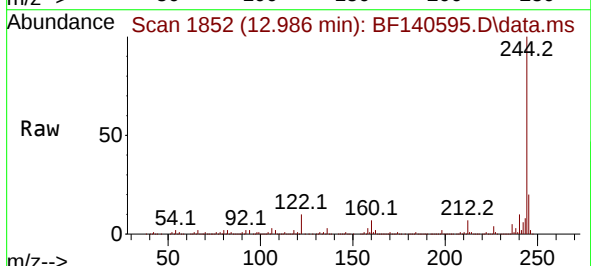
Tgt Ion:244 Resp: 1407646

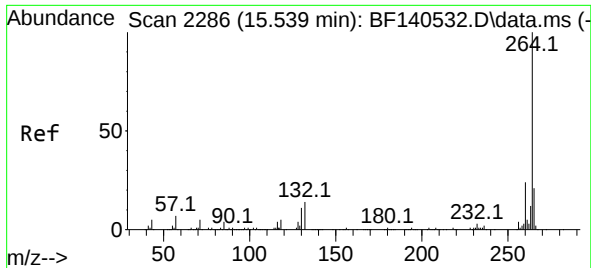
Ion Ratio Lower Upper

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# 21
 Delta R.T. 0.024 min
 Lab File: BF140595.D
 Acq: 25 Nov 2024 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB165111TB

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

