

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140825.D
 Acq On : 11 Dec 2024 13:23
 Operator : RC/JU
 Sample : PB165470TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165470TB

Quant Time: Dec 11 14:51:58 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)

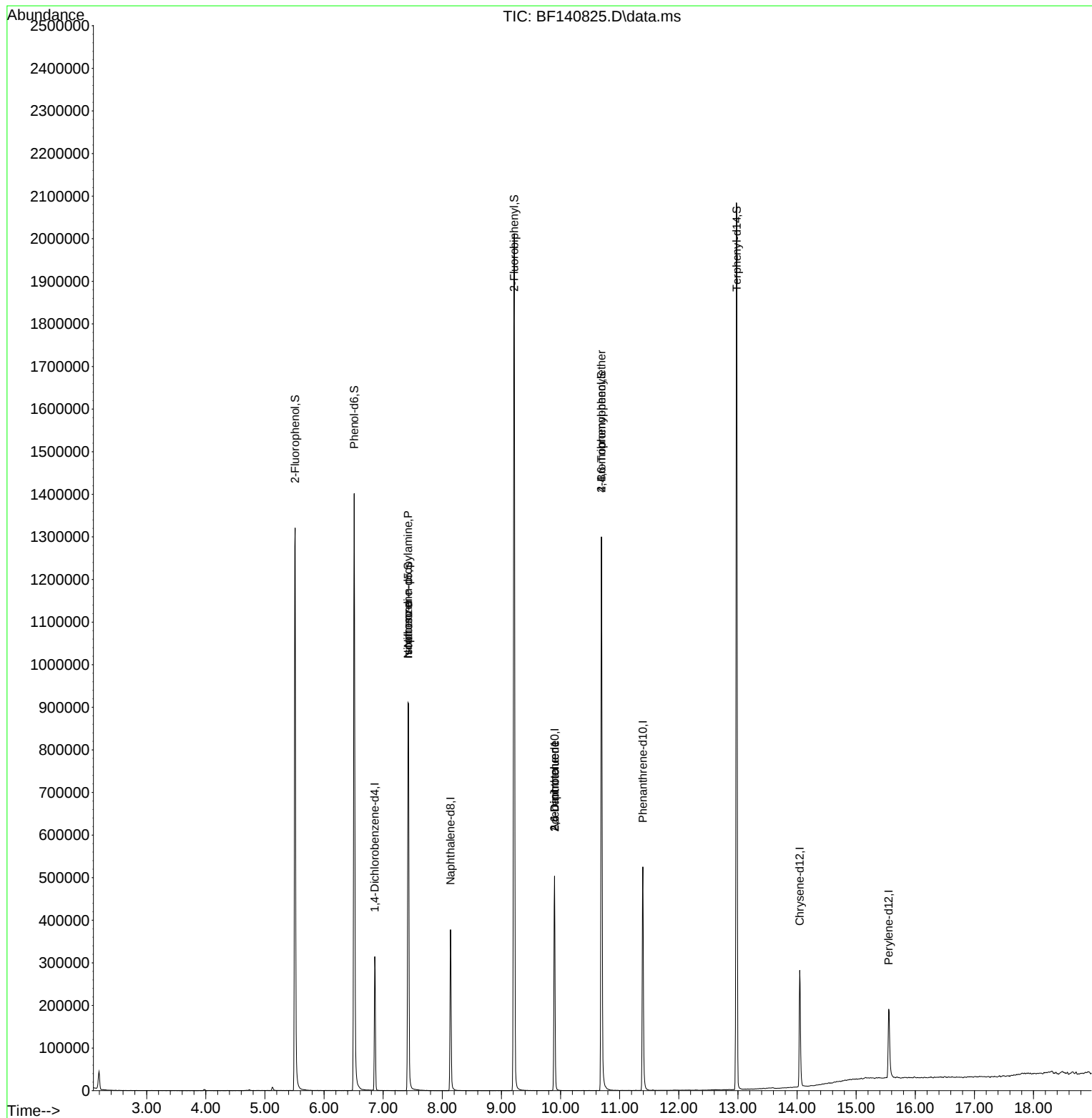
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	68358	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	259529	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	162302	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	323622	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	156114	20.000	ng	0.00
86) Perylene-d12	15.551	264	124475	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	534960	133.525	ng	0.01
7) Phenol-d6	6.510	99	706248	133.340	ng	0.00
23) Nitrobenzene-d5	7.422	82	462382	91.130	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	242877	139.920	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	952401	87.431	ng	-0.02
79) Terphenyl-d14	12.980	244	1088256	108.546	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	62877	20.087	ng	# 75
25) Isophorone	7.422	82	460821	54.453	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	20880	8.613	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	20880	6.481	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	15304	4.592	ng	# 1

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

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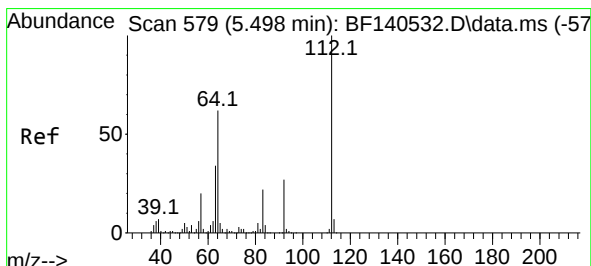
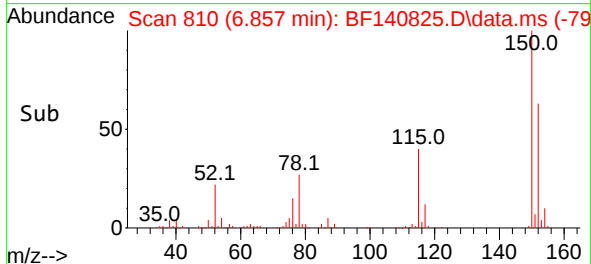
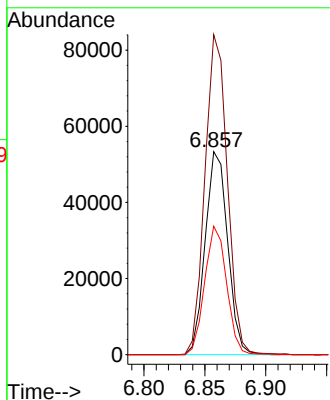
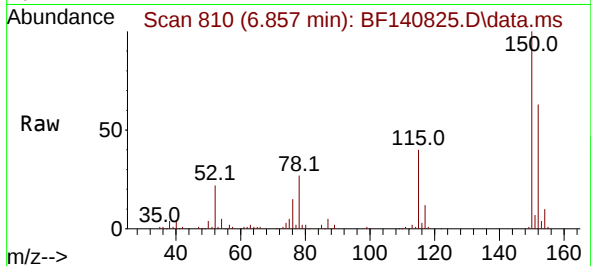




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

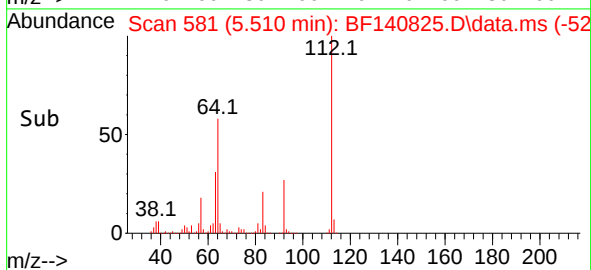
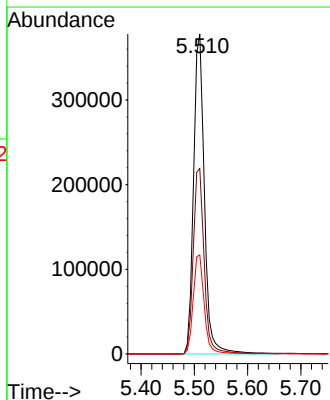
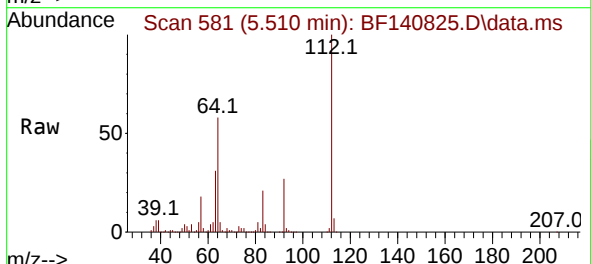
Instrument :
BNA_F
ClientSampleId :
PB165470TB

Tgt Ion:152 Resp: 68358
Ion Ratio Lower Upper
152 100
150 157.6 128.5 192.7
115 63.3 50.2 75.4



#5
2-Fluorophenol
Concen: 133.525 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

Tgt Ion:112 Resp: 534960
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 31.0 27.0 40.4

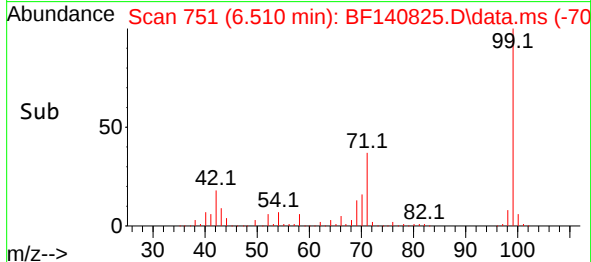
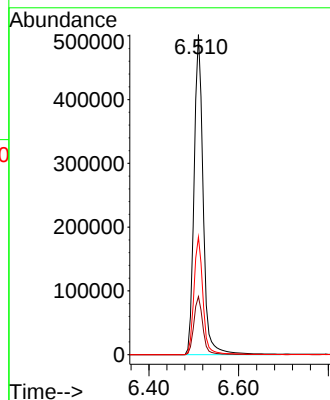
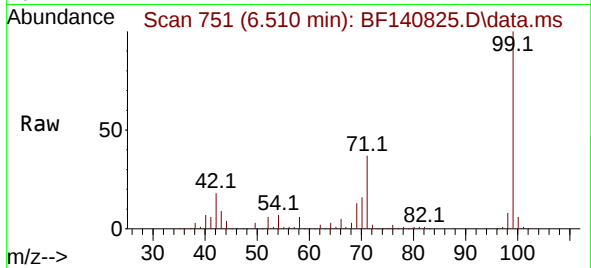




#7
Phenol-d6
Concen: 133.340 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

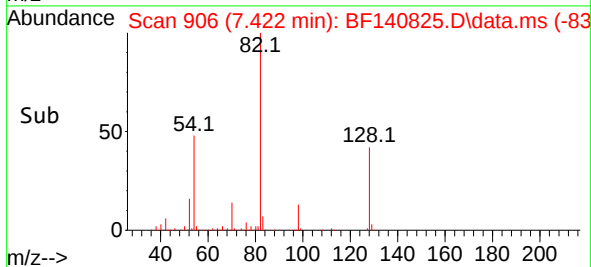
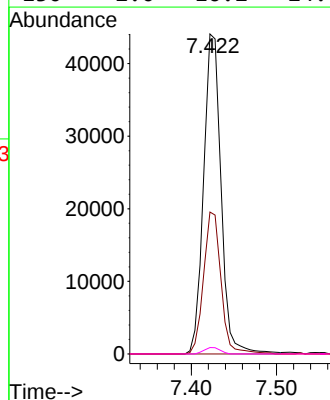
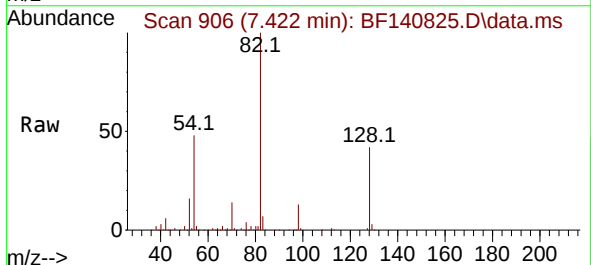
Instrument :
BNA_F
ClientSampleId :
PB165470TB

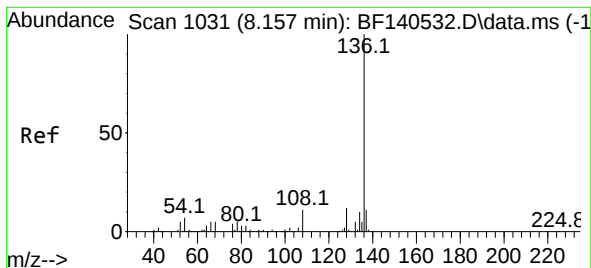
Tgt Ion: 99 Resp: 706248
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.087 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

Tgt Ion: 70 Resp: 62877
Ion Ratio Lower Upper
70 100
42 44.4 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB165470TB

Tgt Ion:136 Resp: 259529

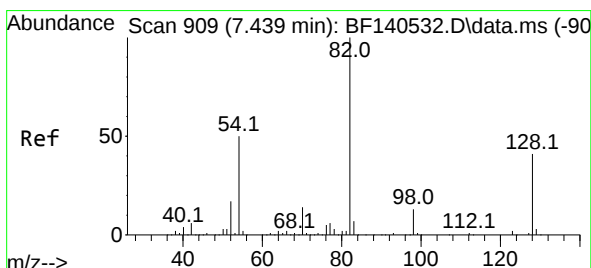
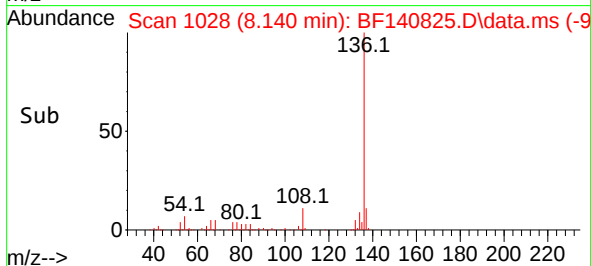
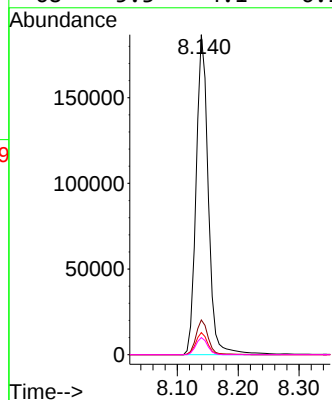
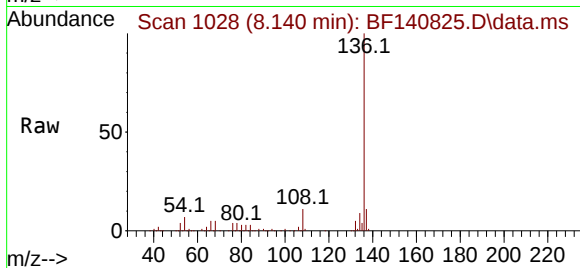
Ion Ratio Lower Upper

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: 91.130 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

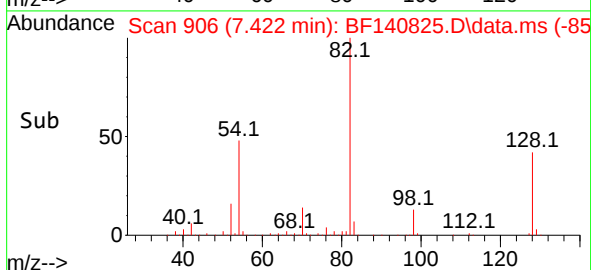
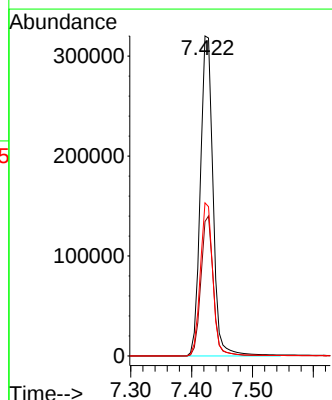
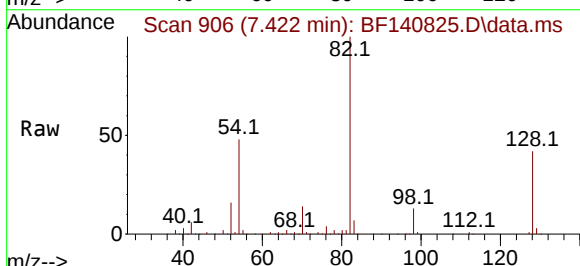
Tgt Ion: 82 Resp: 462382

Ion Ratio Lower Upper

82 100

128 42.0 33.0 49.4

54 47.8 39.5 59.3

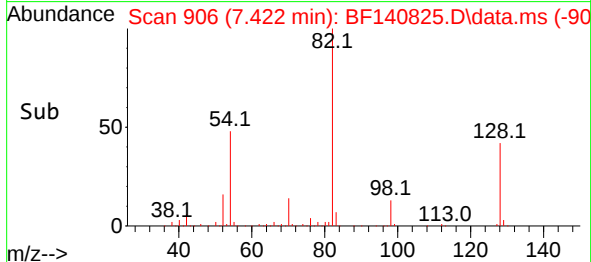
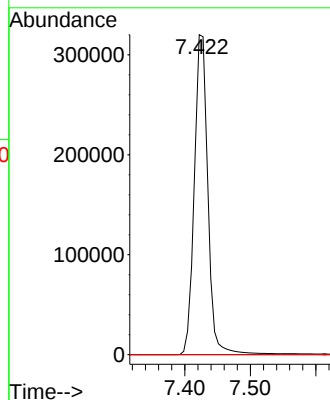
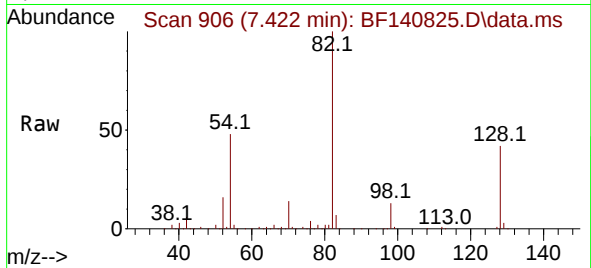




#25
Isophorone
Concen: 54.453 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

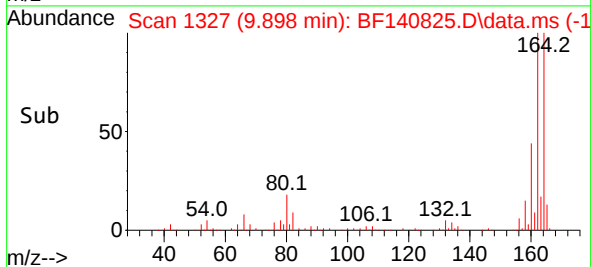
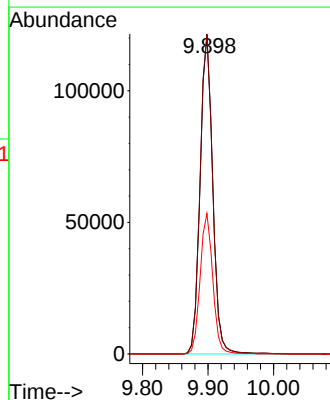
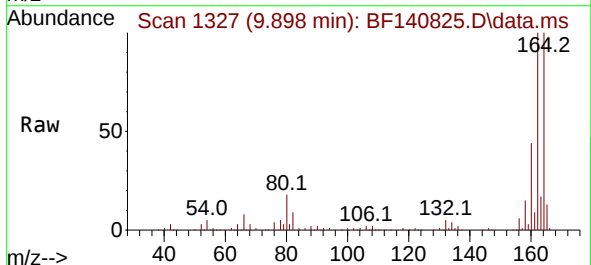
Instrument :
BNA_F
ClientSampleId :
PB165470TB

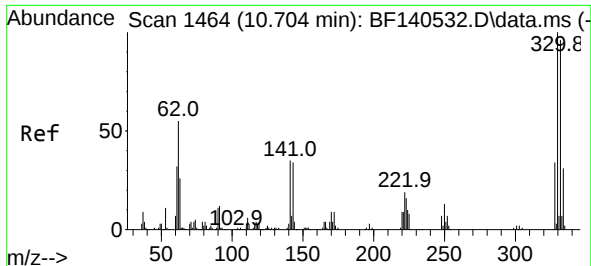
Tgt Ion: 82 Resp: 460821
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

Tgt Ion:164 Resp: 162302
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.920 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB165470TB

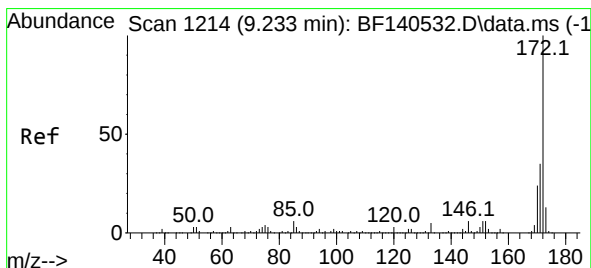
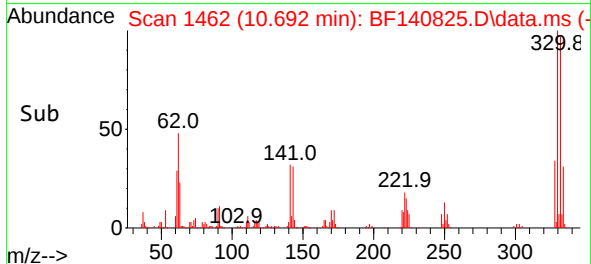
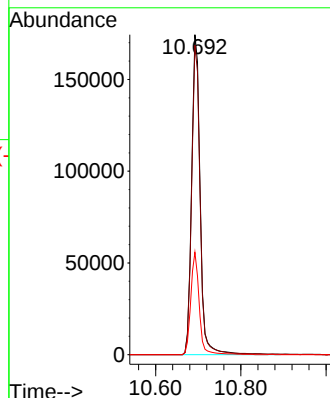
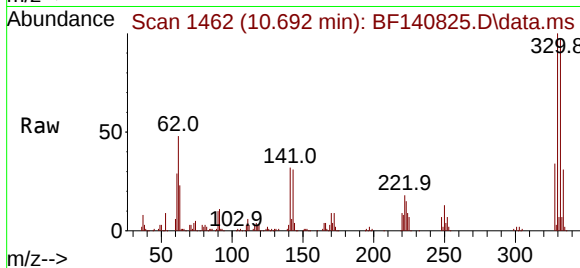
Tgt Ion:330 Resp: 242877

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 31.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 87.431 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

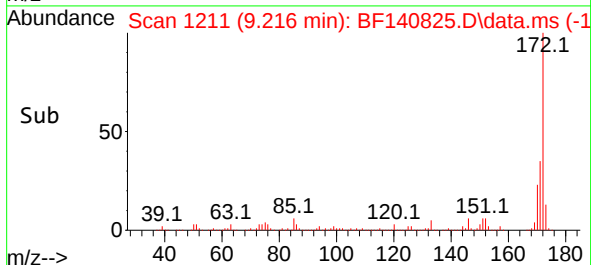
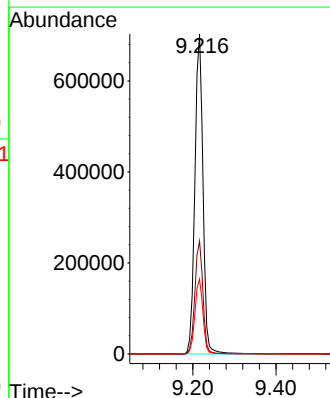
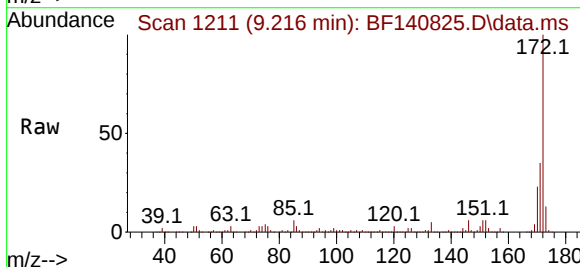
Tgt Ion:172 Resp: 952401

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.0 28.6

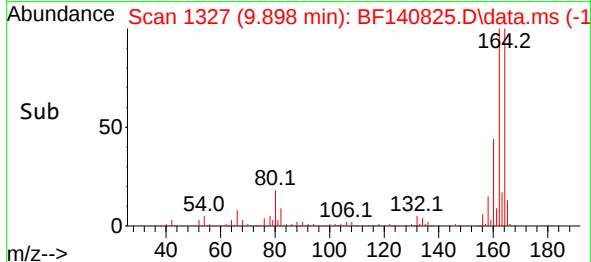
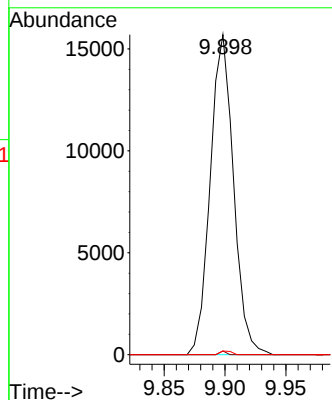
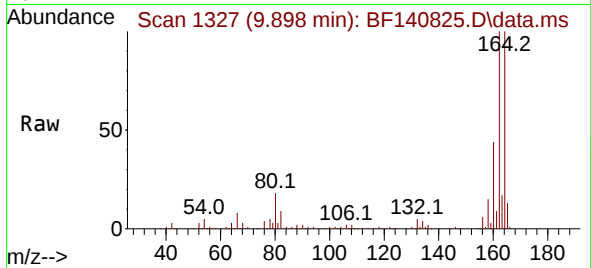




#51
2,6-Dinitrotoluene
Concen: 8.613 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

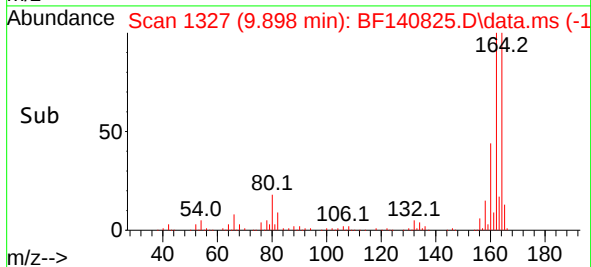
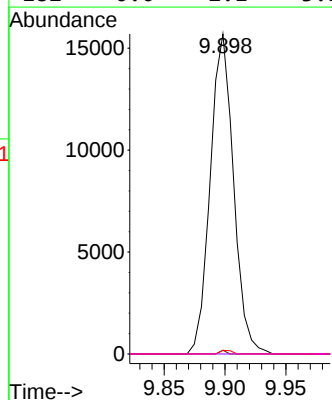
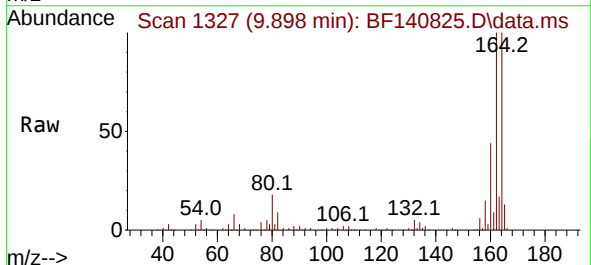
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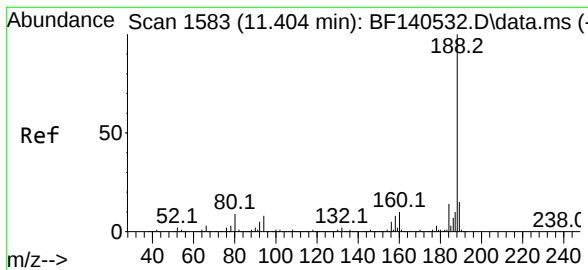
Tgt Ion:165 Resp: 20880
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

Tgt Ion:165 Resp: 20880
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#

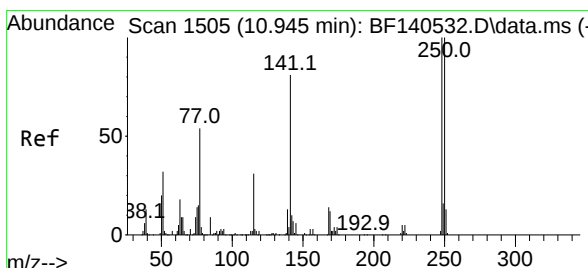
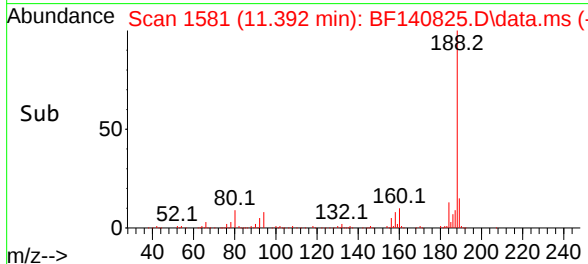
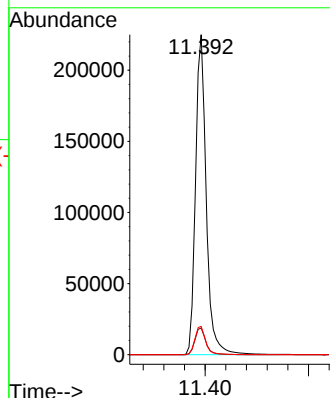
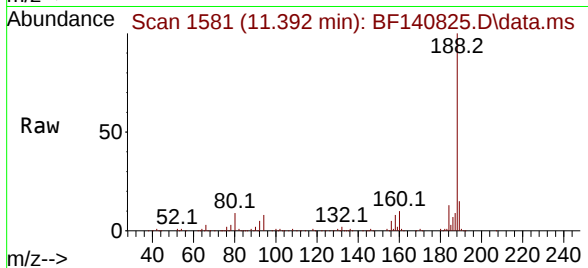




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

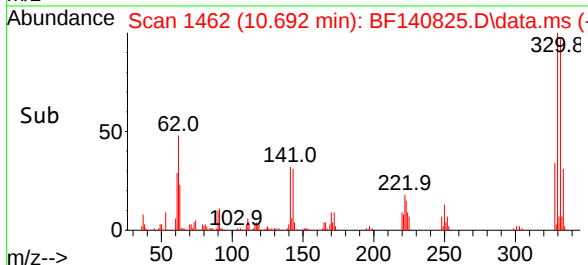
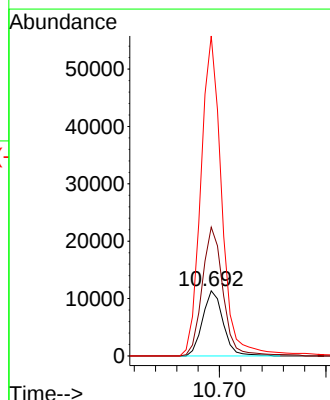
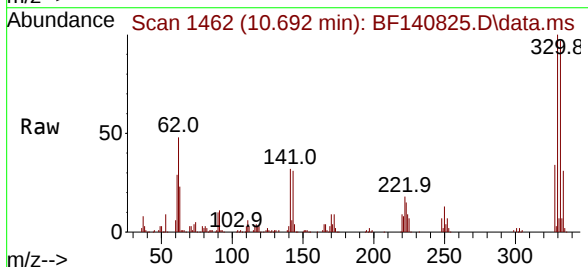
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BNA_F
ClientSampleId :
PB165470TB

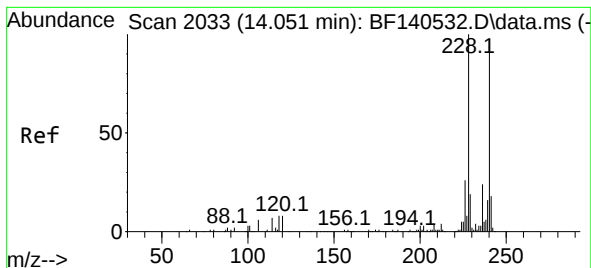
Tgt Ion:188 Resp: 323622
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.8 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.592 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF140825.D
Acq: 11 Dec 2024 13:23

Tgt Ion:248 Resp: 15304
Ion Ratio Lower Upper
248 100
250 197.7 79.8 119.8#
141 491.4 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB165470TB

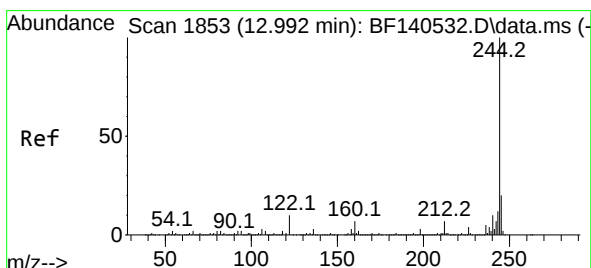
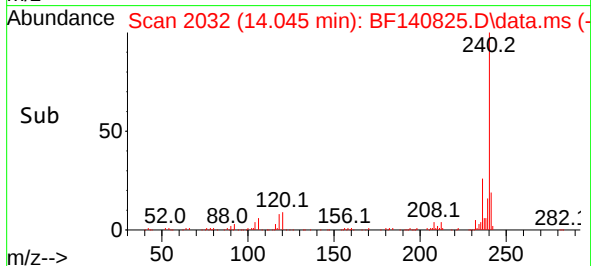
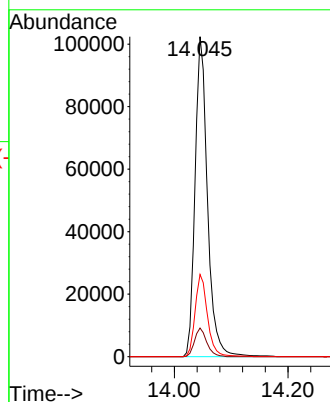
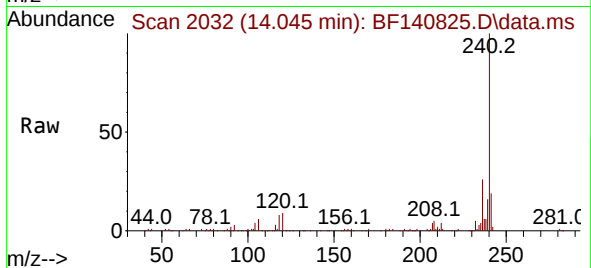
Tgt Ion:240 Resp: 156114

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 108.546 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140825.D

Acq: 11 Dec 2024 13:23

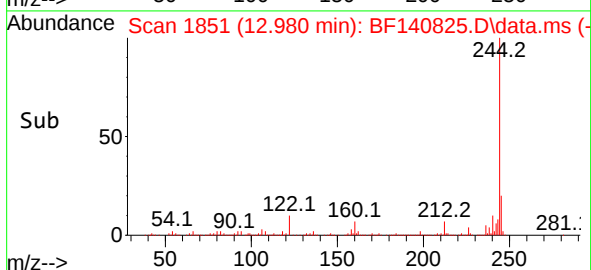
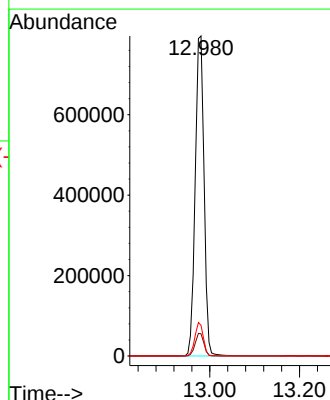
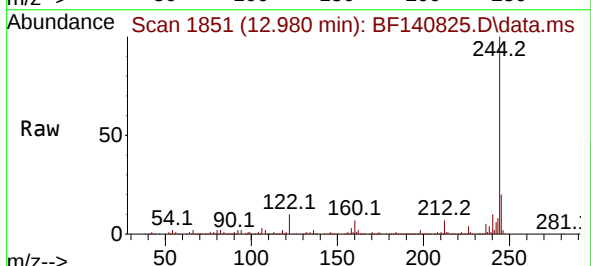
Tgt Ion:244 Resp: 1088256

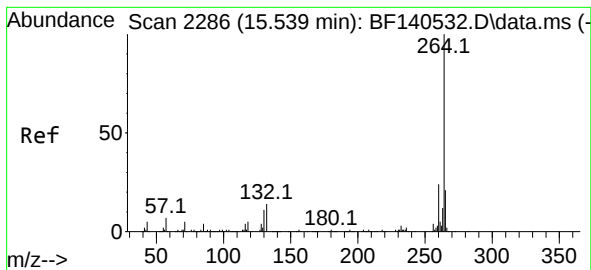
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140825.D

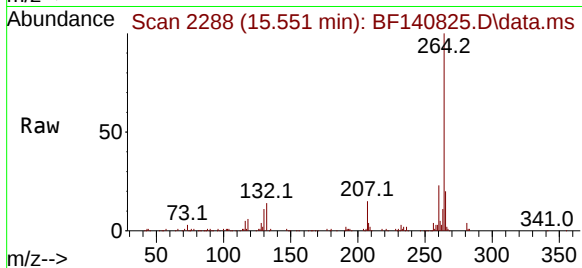
Acq: 11 Dec 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB165470TB



Tgt Ion:264 Resp: 124475

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 20.5 16.6 25.0

