

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140821.D
 Acq On : 11 Dec 2024 11:38
 Operator : RC/JU
 Sample : PB165522BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165522BL

Quant Time: Dec 11 13:01:44 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)

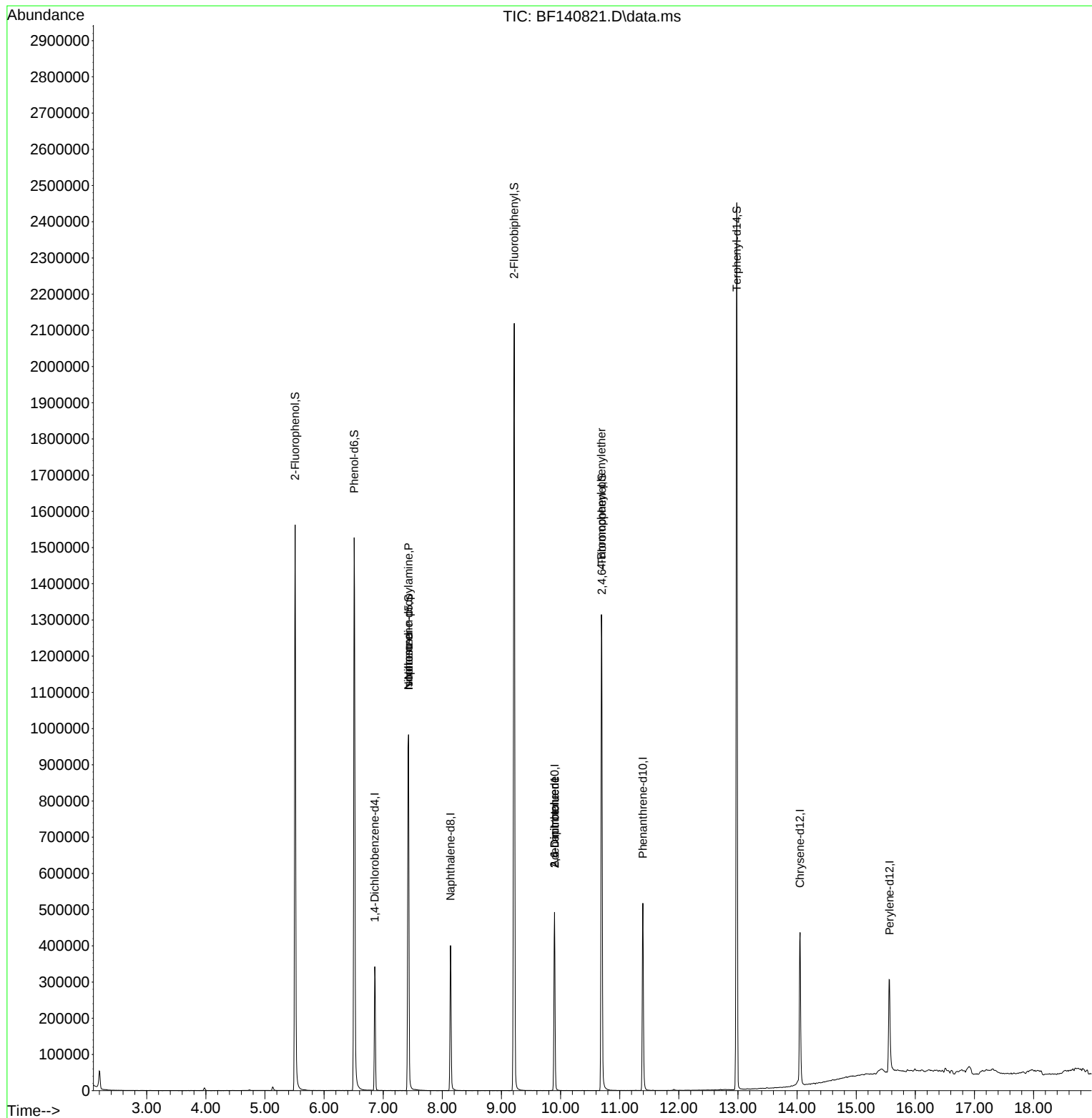
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	75103	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	275676	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	160736	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	310376	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	225479	20.000	ng	0.00
86) Perylene-d12	15.562	264	189318	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	601881	136.737	ng	0.01
7) Phenol-d6	6.510	99	774006	133.009	ng	0.00
23) Nitrobenzene-d5	7.428	82	495987	92.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	249107	144.907	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1017885	94.353	ng	-0.02
79) Terphenyl-d14	12.980	244	1257182	86.819	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	67239	19.551	ng	# 75
25) Isophorone	7.428	82	494142	54.970	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	19745	8.224	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	19745	6.188	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	15811	4.947	ng	# 1

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

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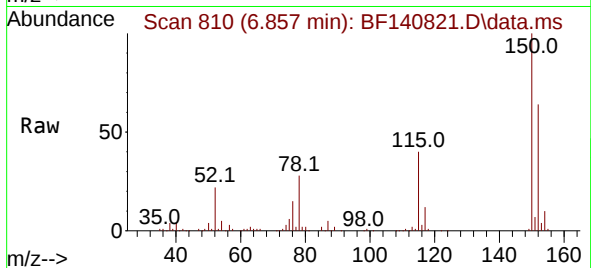
Quant Time: Dec 11 13:01:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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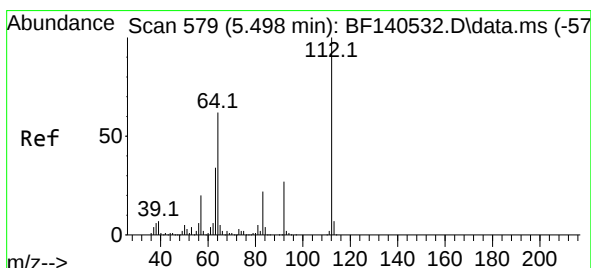
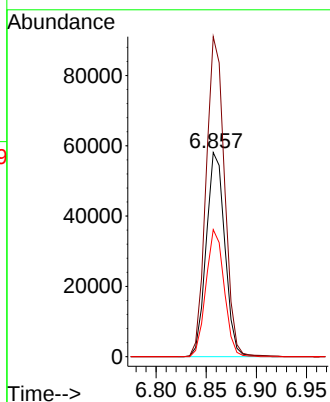
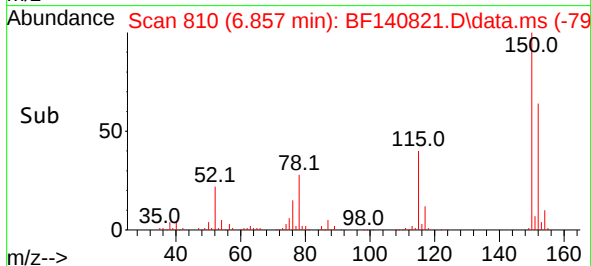


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

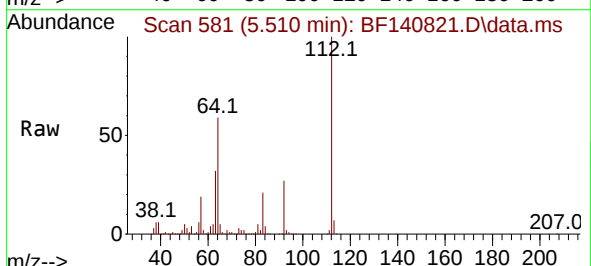
Instrument :
BNA_F
ClientSampleId :
PB165522BL



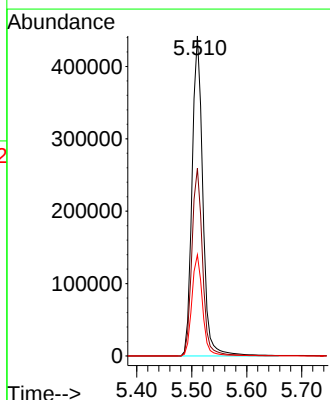
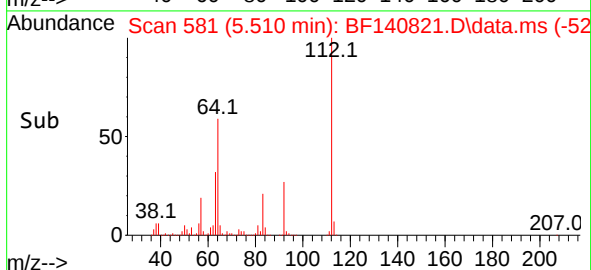
Tgt Ion:152 Resp: 75103
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 62.3 50.2 75.4

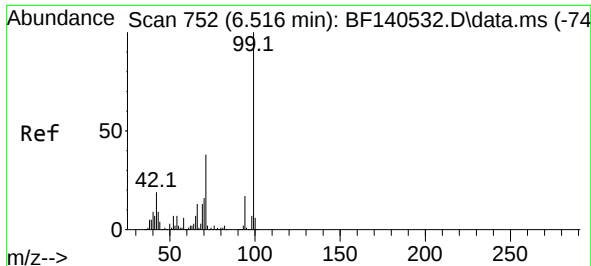


#5
2-Fluorophenol
Concen: 136.737 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38



Tgt Ion:112 Resp: 601881
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.6 27.0 40.4

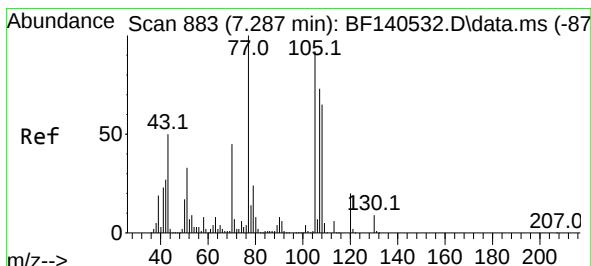
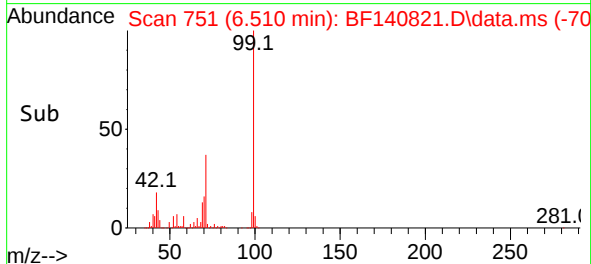
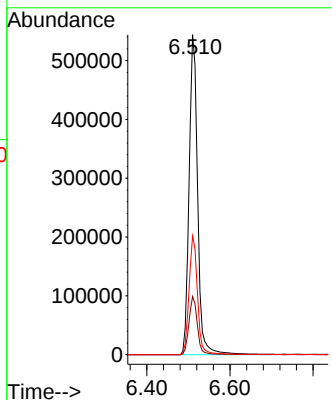
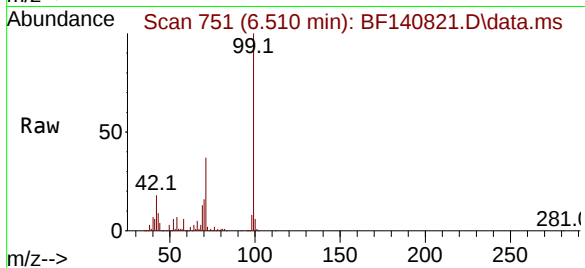




#7
Phenol-d6
Concen: 133.009 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

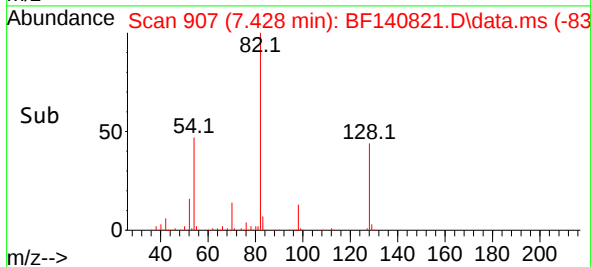
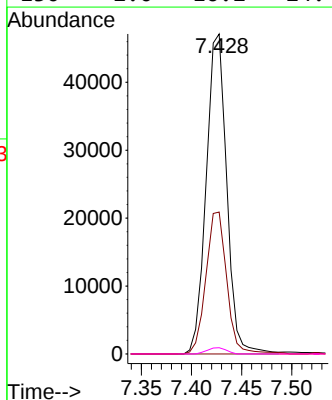
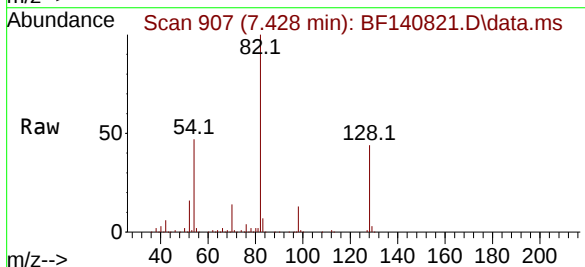
Instrument :
BNA_F
ClientSampleId :
PB165522BL

Tgt Ion: 99 Resp: 774006
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.551 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

Tgt Ion: 70 Resp: 67239
Ion Ratio Lower Upper
70 100
42 44.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

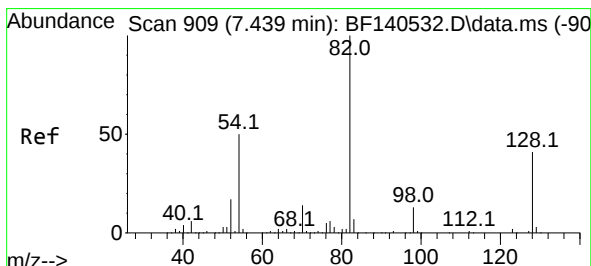
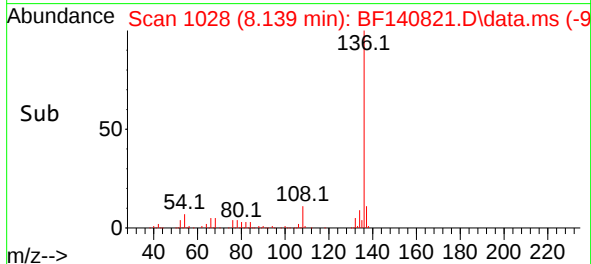
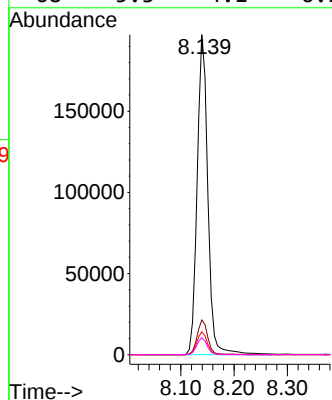
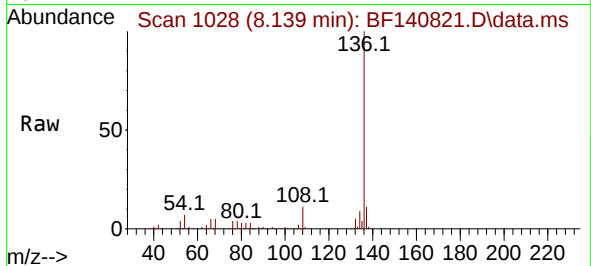




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

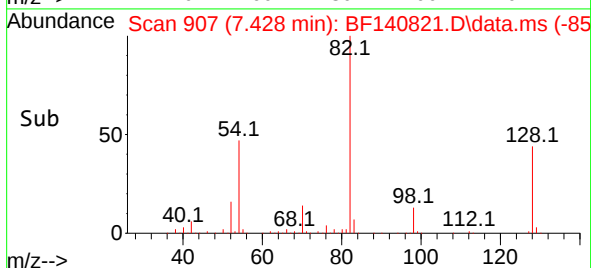
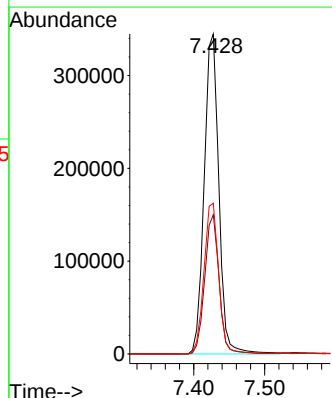
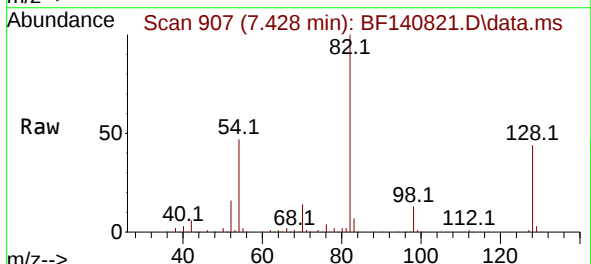
Instrument :
BNA_F
ClientSampleId :
PB165522BL

Tgt Ion:136 Resp: 275676
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.028 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

Tgt Ion: 82 Resp: 495987
Ion Ratio Lower Upper
82 100
128 43.5 33.0 49.4
54 47.1 39.5 59.3

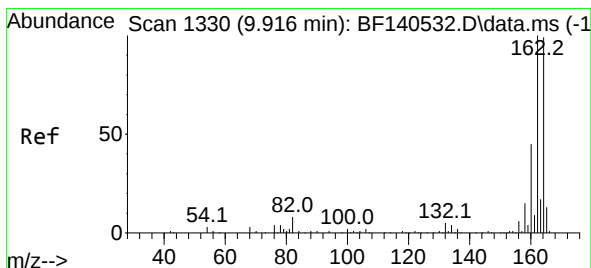
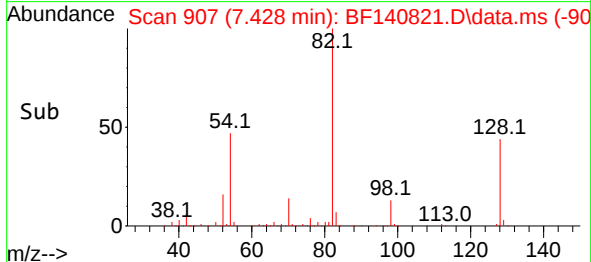
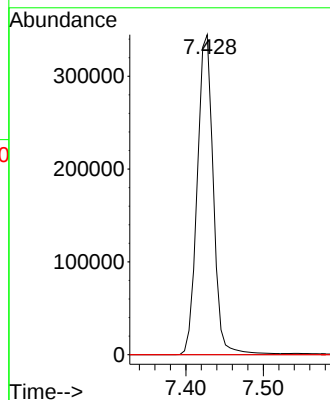
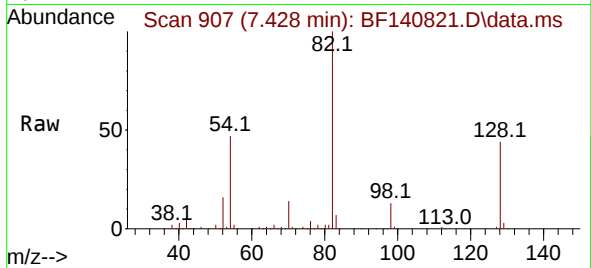




#25
Isophorone
Concen: 54.970 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

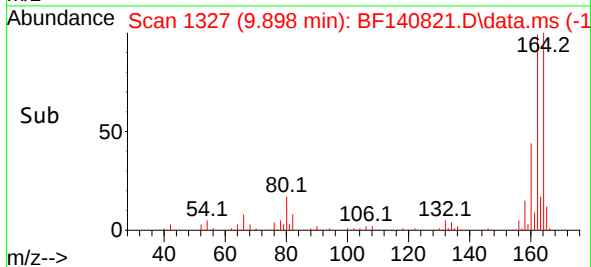
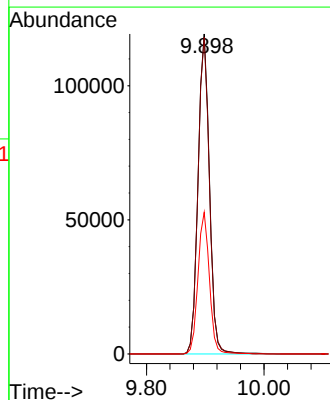
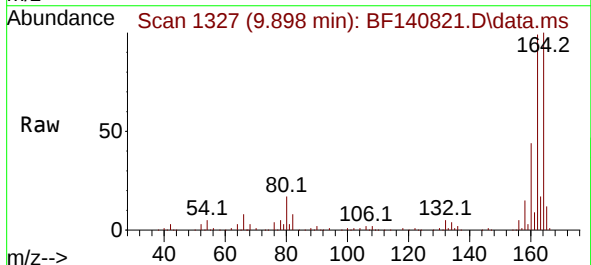
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ClientSampleId :
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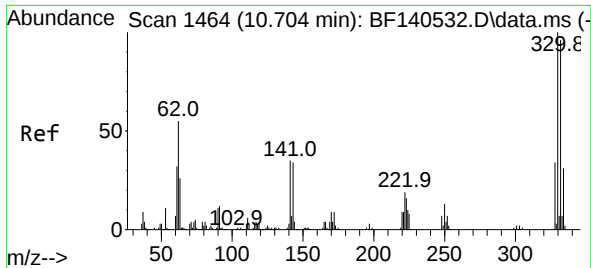
Tgt Ion: 82 Resp: 494142
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

Tgt Ion:164 Resp: 160736
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 44.3 36.2 54.4

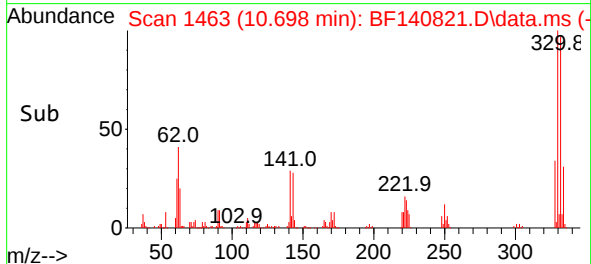
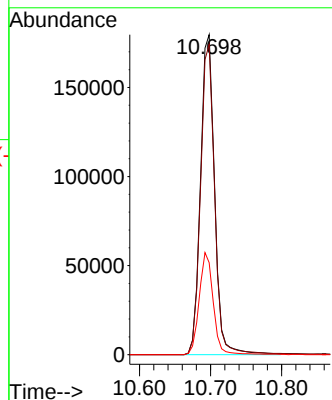
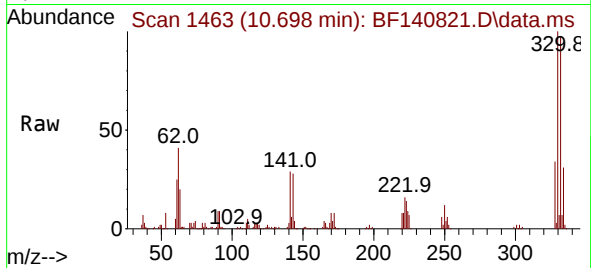




#42
2,4,6-Tribromophenol
Concen: 144.907 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

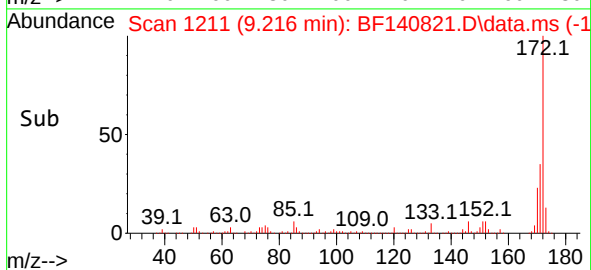
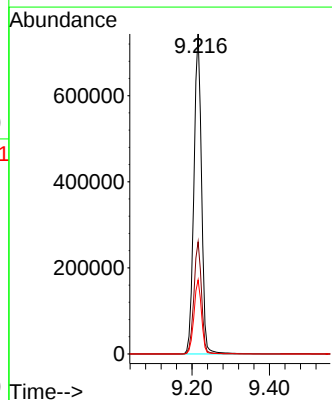
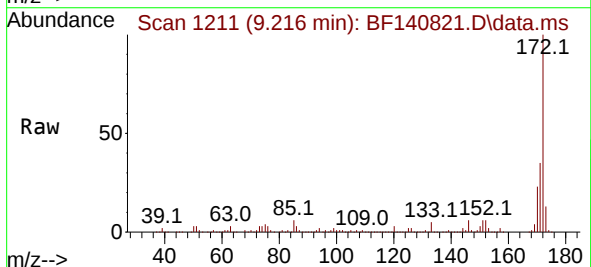
Instrument :
BNA_F
ClientSampleId :
PB165522BL

Tgt Ion:330 Resp: 249107
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 31.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.353 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

Tgt Ion:172 Resp: 1017885
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.1 19.0 28.6

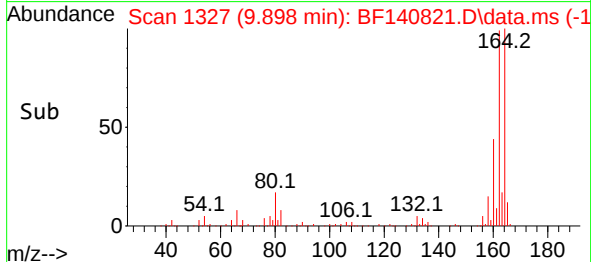
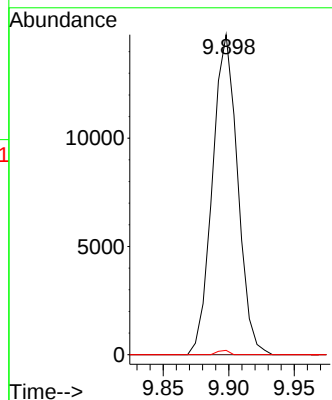
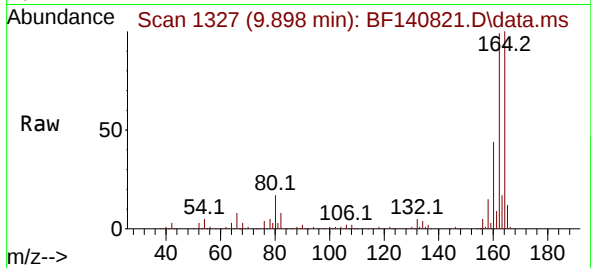




#51
2,6-Dinitrotoluene
Concen: 8.224 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

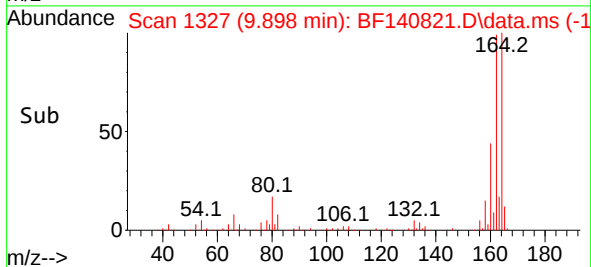
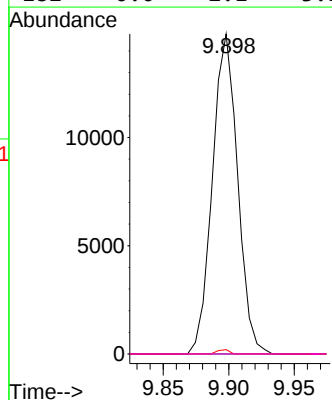
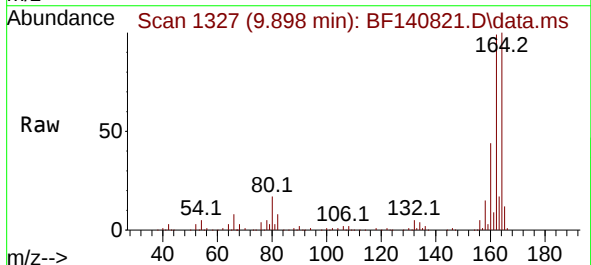
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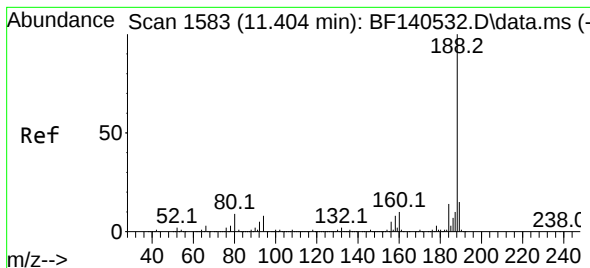
Tgt Ion:165 Resp: 19745
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140821.D
Acq: 11 Dec 2024 11:38

Tgt Ion:165 Resp: 19745
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140821.D

Acq: 11 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB165522BL

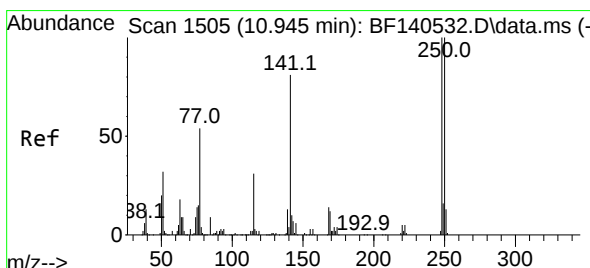
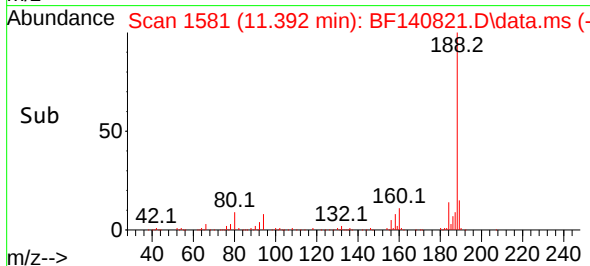
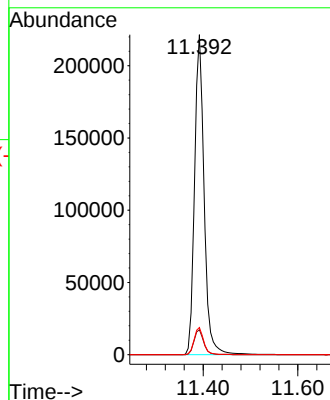
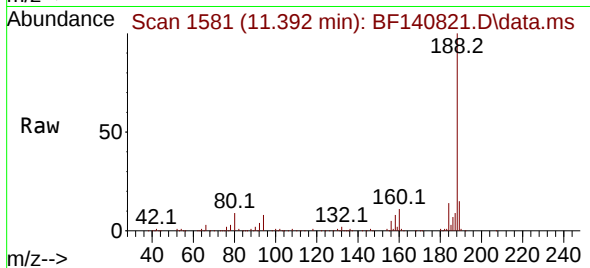
Tgt Ion:188 Resp: 310376

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.5 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.947 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.253 min

Lab File: BF140821.D

Acq: 11 Dec 2024 11:38

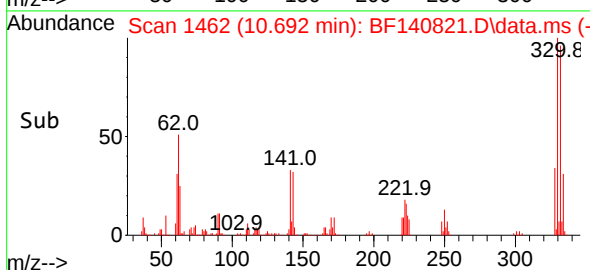
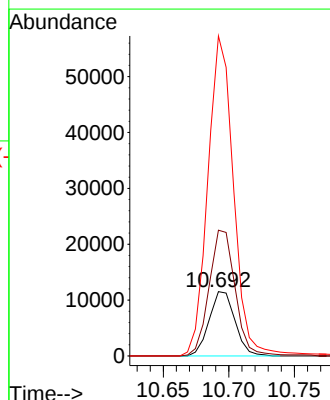
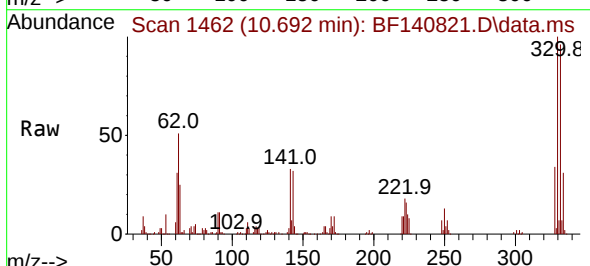
Tgt Ion:248 Resp: 15811

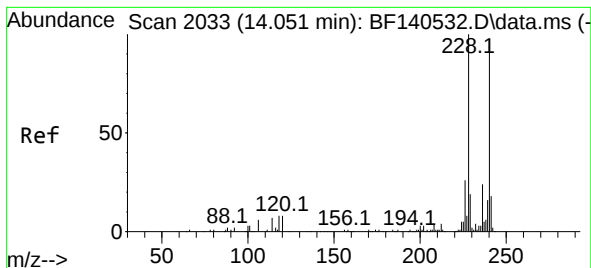
Ion Ratio Lower Upper

248 100

250 195.4 79.8 119.8#

141 497.2 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: BF140821.D

Acq: 11 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB165522BL

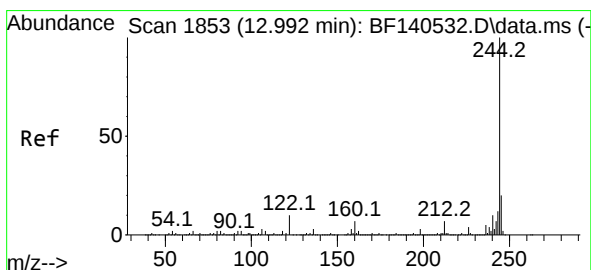
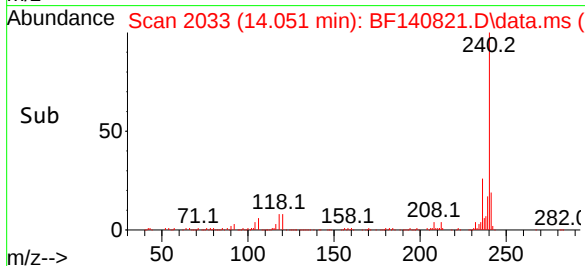
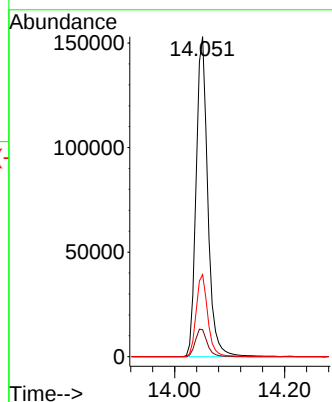
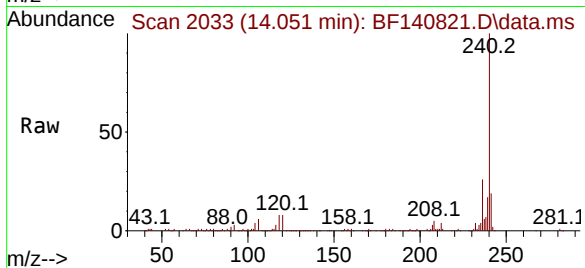
Tgt Ion:240 Resp: 225479

Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 86.819 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140821.D

Acq: 11 Dec 2024 11:38

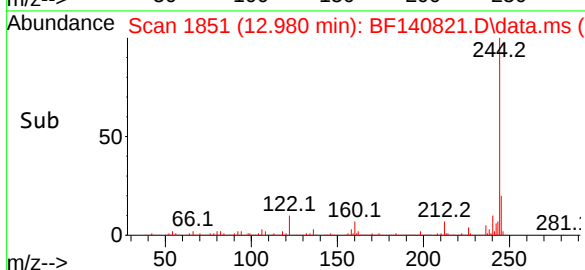
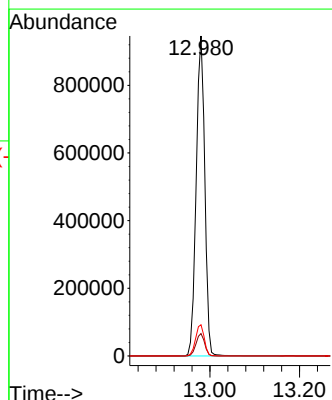
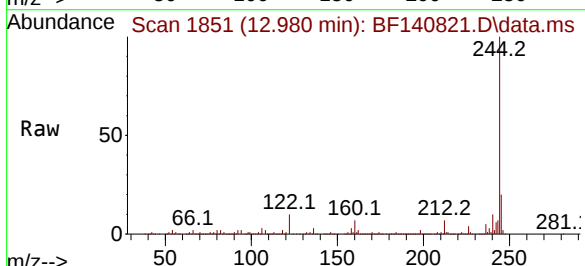
Tgt Ion:244 Resp: 1257182

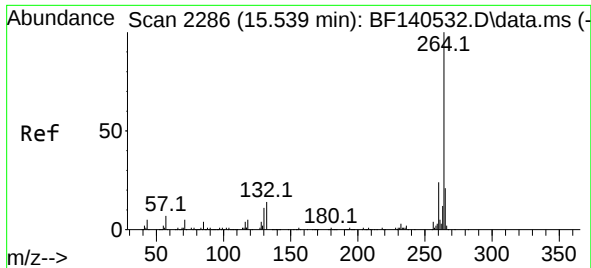
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF140821.D
 Acq: 11 Dec 2024 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB165522BL

Tgt Ion:264 Resp: 189318
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.9 16.6 25.0

