

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140962.D
 Acq On : 23 Dec 2024 11:09
 Operator : RC/JU
 Sample : PB165785BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165785BL

Quant Time: Dec 23 12:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

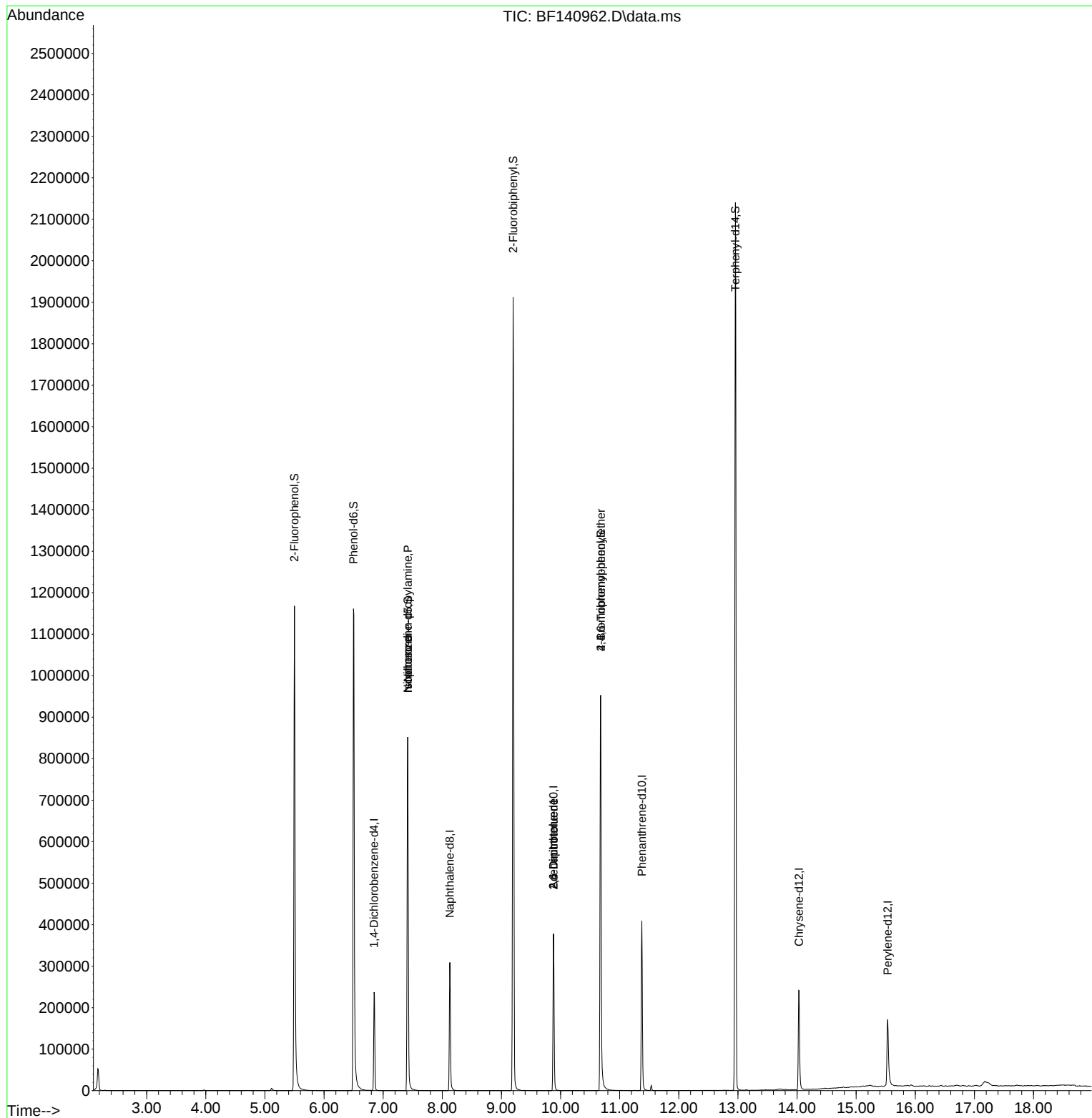
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	55781	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	215425	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	125528	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	235845	20.000	ng	0.00
76) Chrysene-d12	14.033	240	148875	20.000	ng	0.00
86) Perylene-d12	15.533	264	129067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504770	148.965	ng	0.01
7) Phenol-d6	6.498	99	645771	143.885	ng	0.00
23) Nitrobenzene-d5	7.416	82	417767	97.024	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	201395	135.653	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	898512	98.410	ng	0.00
79) Terphenyl-d14	12.957	244	1098138	116.314	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	56154	20.858	ng	# 74
25) Isophorone	7.416	82	413934	57.374	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	15740	7.780	ng	# 20
57) 2,4-Dinitrotoluene	9.881	165	15740	5.913	ng	# 14
67) 4-Bromophenyl-phenylether	10.681	248	12105	4.588	ng	# 1

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

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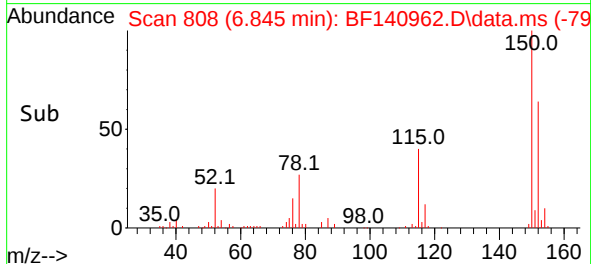
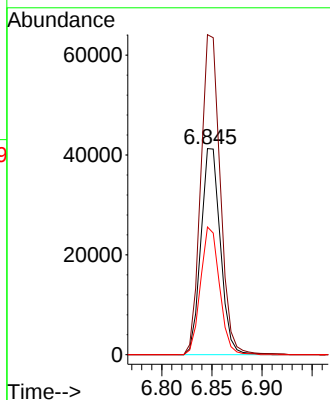
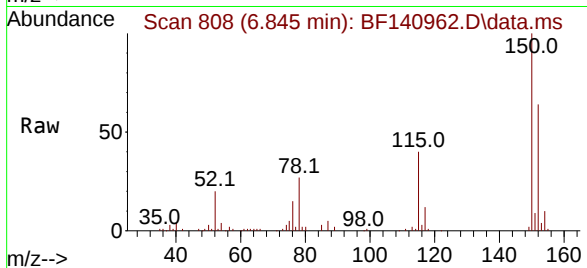




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

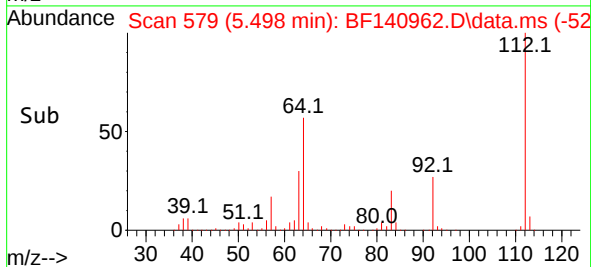
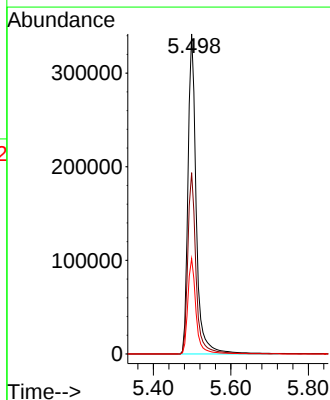
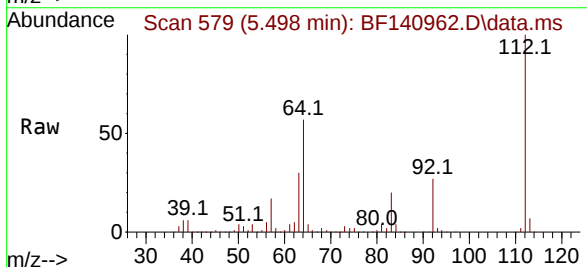
Instrument :
BNA_F
ClientSampleId :
PB165785BL

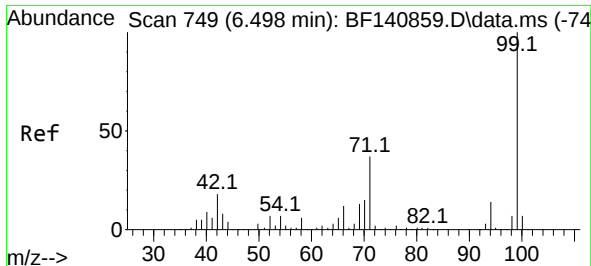
Tgt Ion:152 Resp: 55781
Ion Ratio Lower Upper
152 100
150 155.2 127.9 191.9
115 61.9 48.0 72.0



#5
2-Fluorophenol
Concen: 148.965 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Tgt Ion:112 Resp: 504770
Ion Ratio Lower Upper
112 100
64 56.6 46.1 69.1
63 29.8 24.9 37.3





#7

Phenol-d6

Concen: 143.885 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165785BL

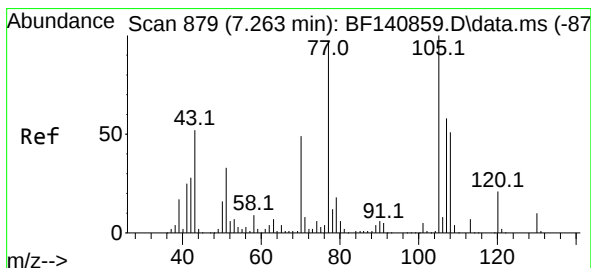
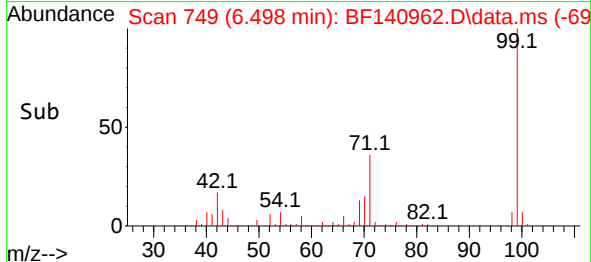
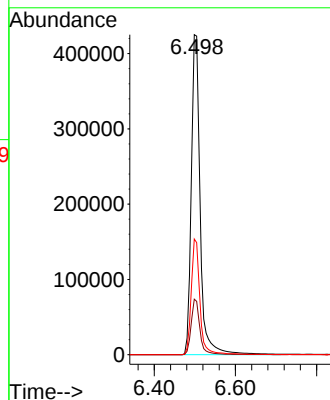
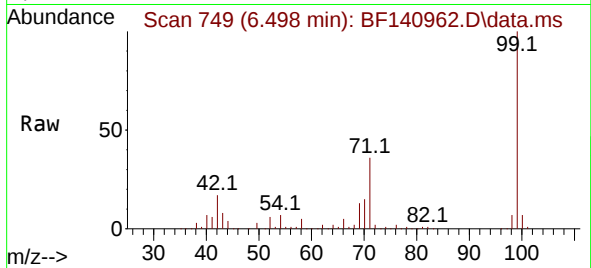
Tgt Ion: 99 Resp: 645771

Ion Ratio Lower Upper

99 100

42 17.4 14.3 21.5

71 36.1 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 20.858 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Tgt Ion: 70 Resp: 56154

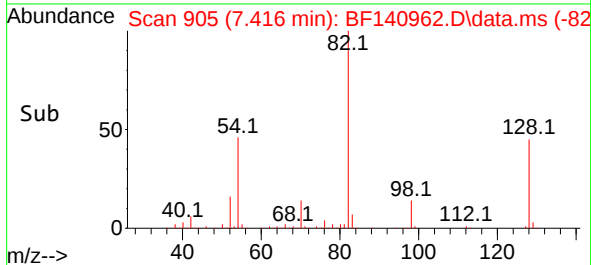
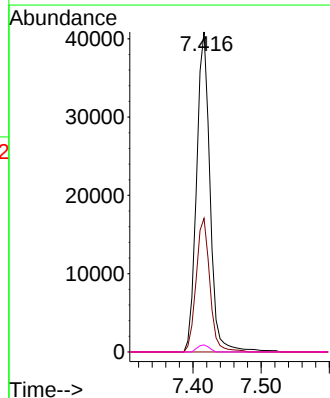
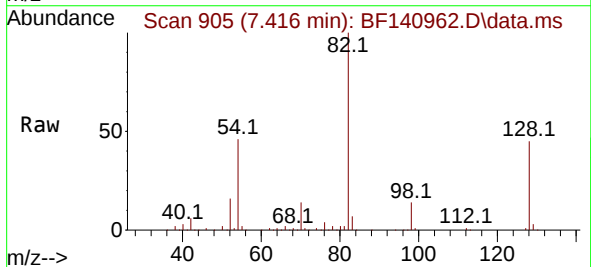
Ion Ratio Lower Upper

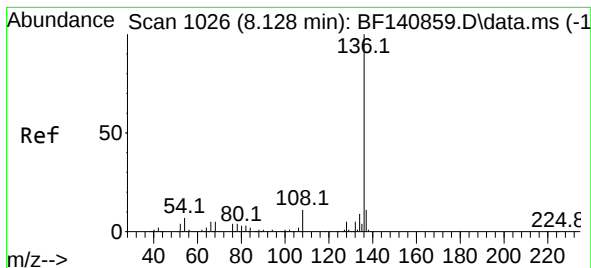
70 100

42 41.7 45.3 67.9#

101 0.0 8.0 12.0#

130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165785BL

Tgt Ion:136 Resp: 215425

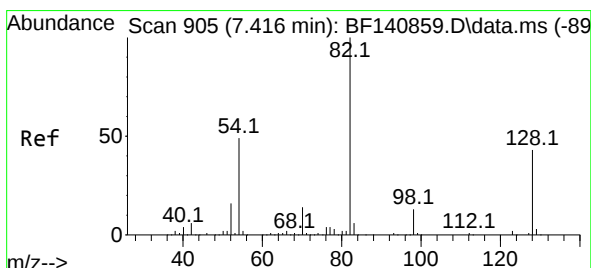
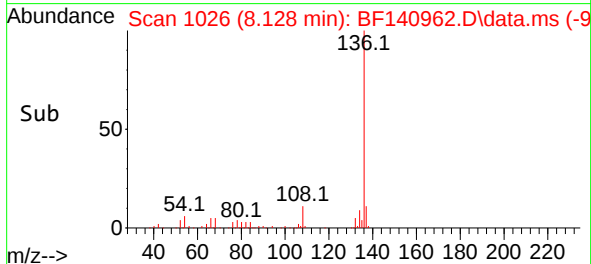
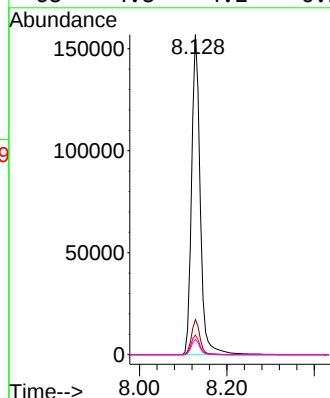
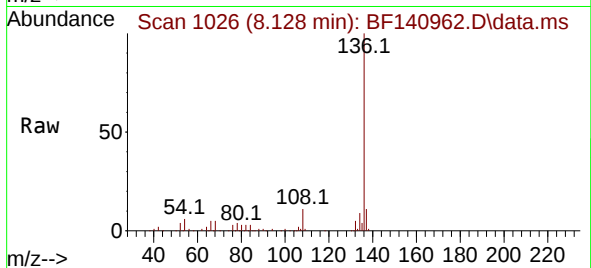
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.2 5.6 8.4

68 4.8 4.2 6.2



#23

Nitrobenzene-d5

Concen: 97.024 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

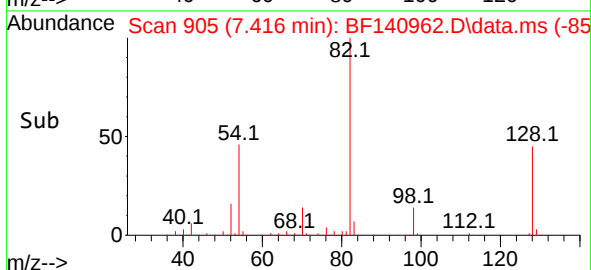
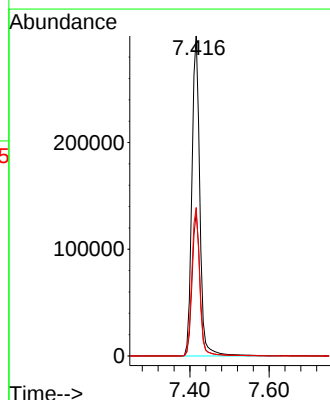
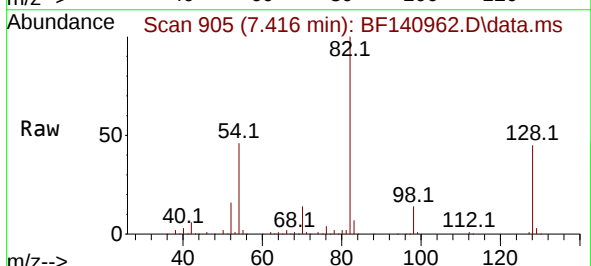
Tgt Ion: 82 Resp: 417767

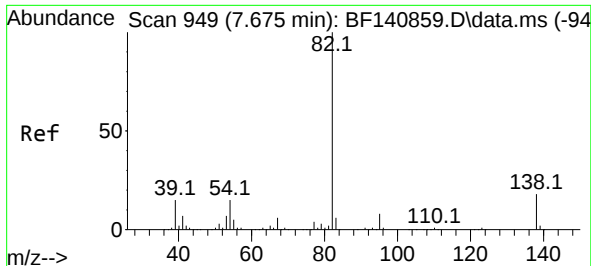
Ion Ratio Lower Upper

82 100

128 44.9 34.4 51.6

54 46.4 38.8 58.2

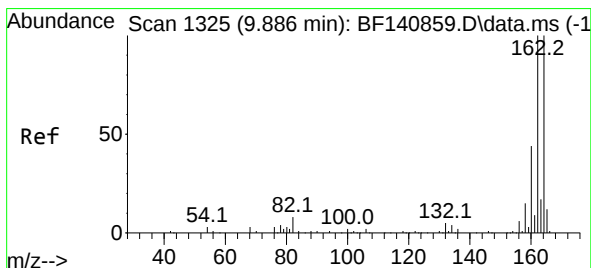
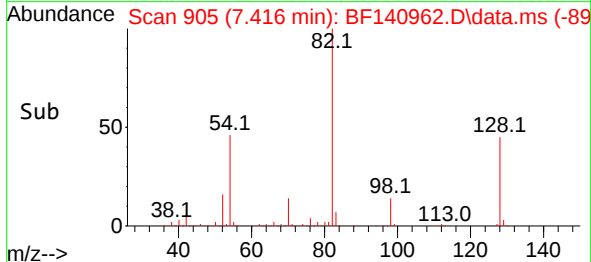
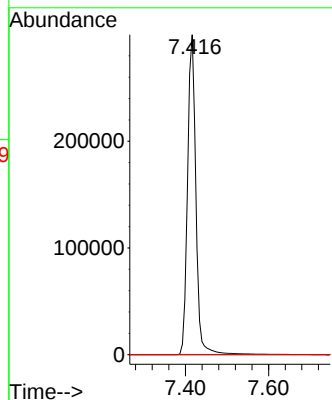
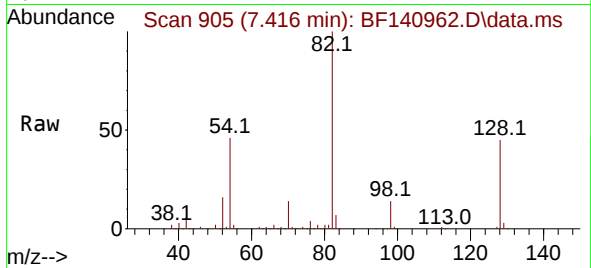




#25
Isophorone
Concen: 57.374 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

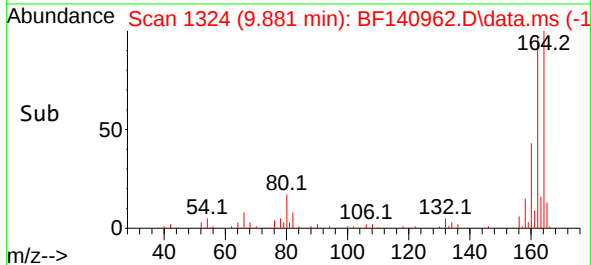
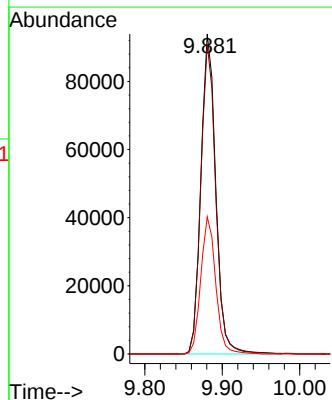
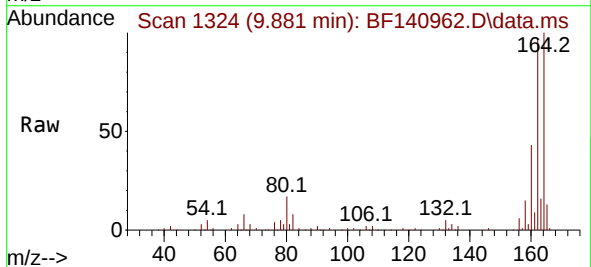
Instrument :
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PB165785BL

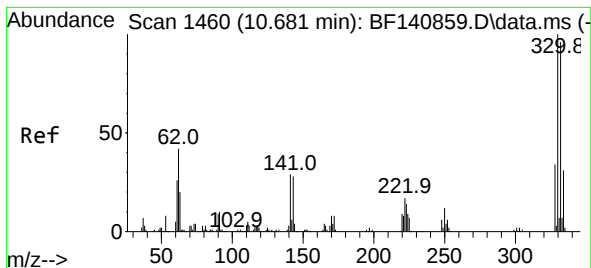
Tgt Ion: 82 Resp: 413934
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

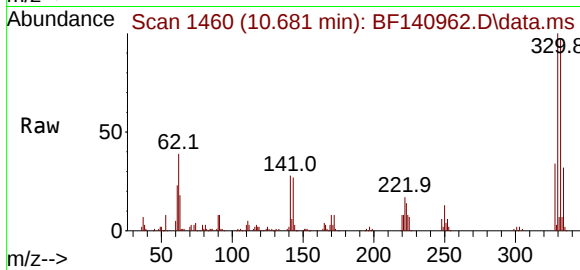
Tgt Ion:164 Resp: 125528
Ion Ratio Lower Upper
164 100
162 96.9 79.9 119.9
160 42.8 35.2 52.8



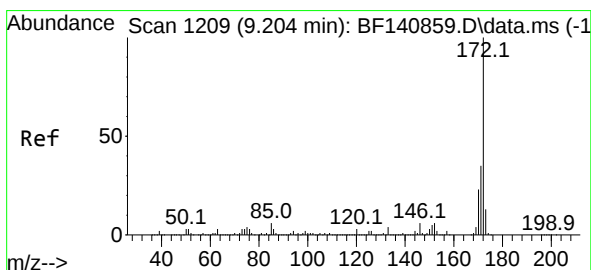
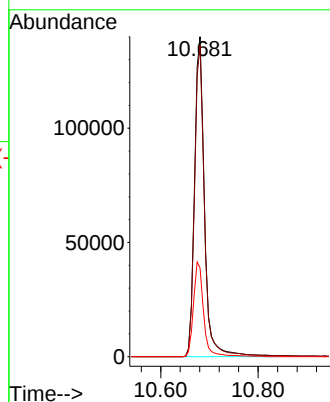
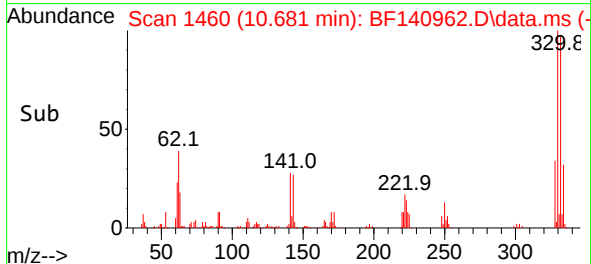


#42
2,4,6-Tribromophenol
Concen: 135.653 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165785BL

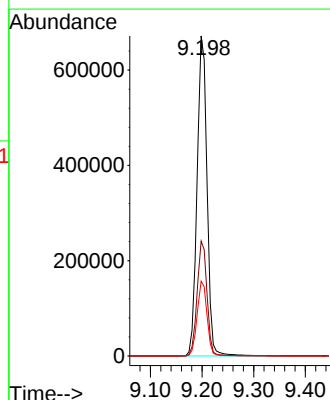
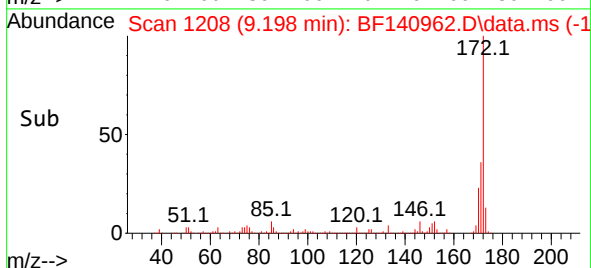
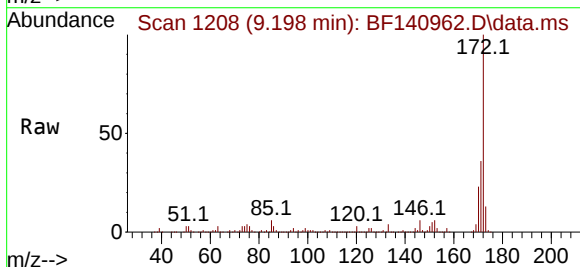


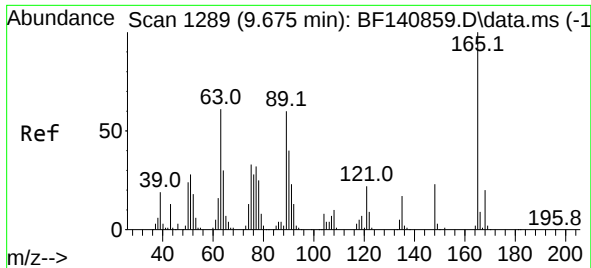
Tgt Ion:330 Resp: 201395
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 30.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 98.410 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Tgt Ion:172 Resp: 898512
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.4 18.6 28.0

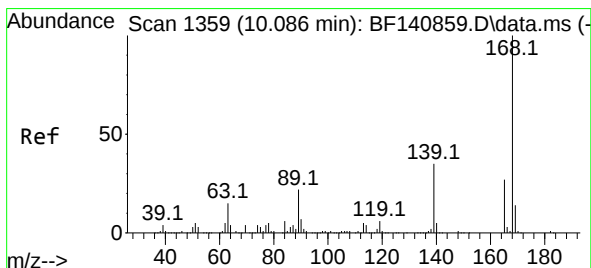
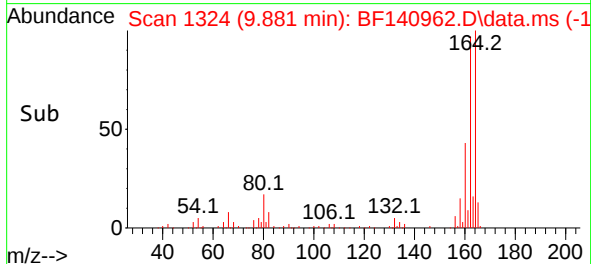
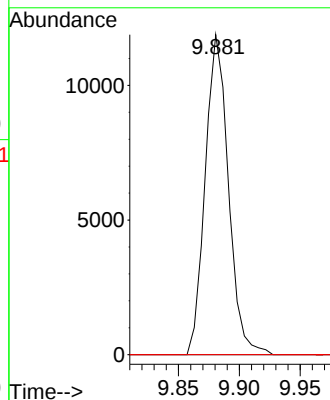
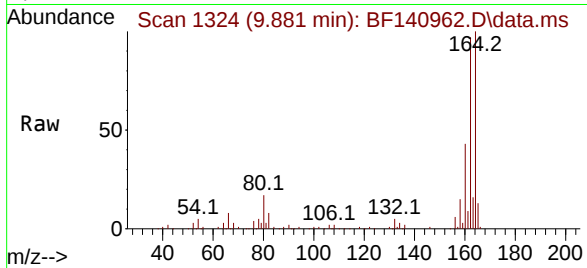




#51
2,6-Dinitrotoluene
Concen: 7.780 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

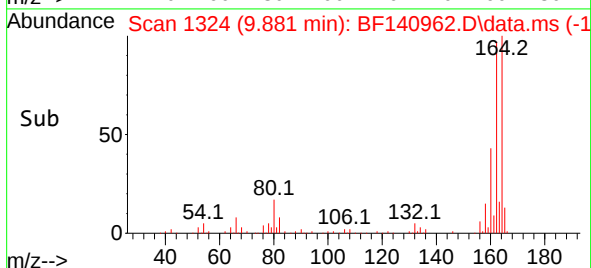
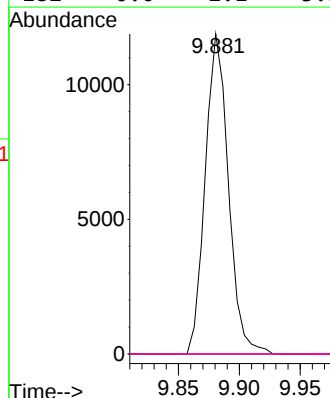
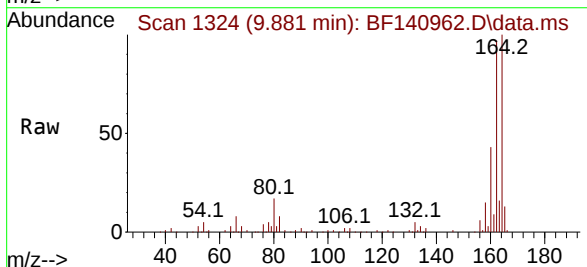
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ClientSampleId :
PB165785BL

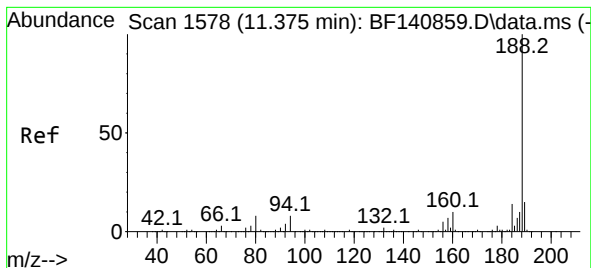
Tgt Ion:165 Resp: 15740
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Tgt Ion:165 Resp: 15740
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165785BL

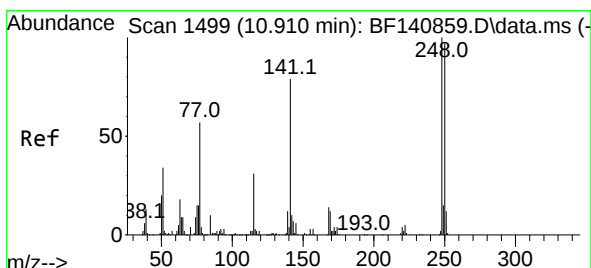
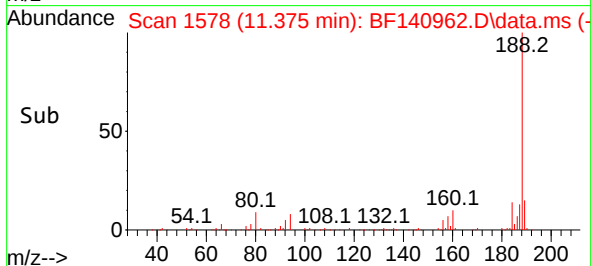
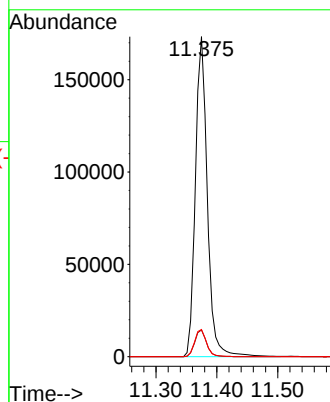
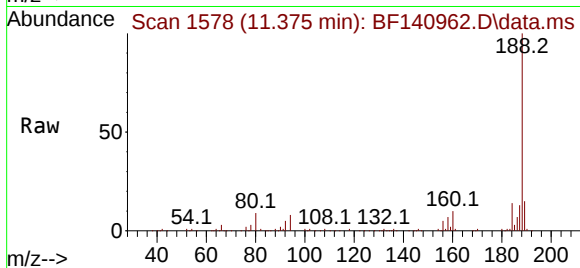
Tgt Ion:188 Resp: 235845

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.5 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.588 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

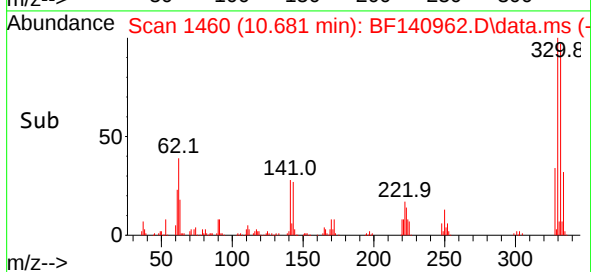
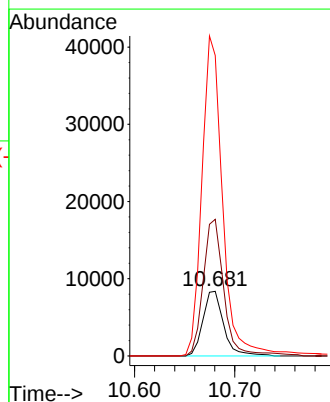
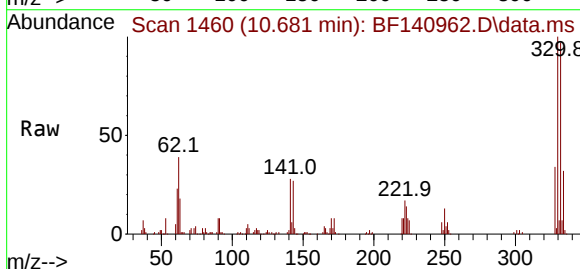
Tgt Ion:248 Resp: 12105

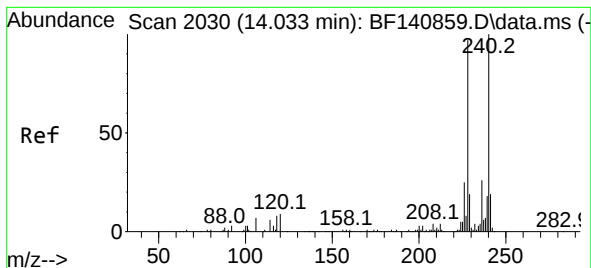
Ion Ratio Lower Upper

248 100

250 211.2 77.4 116.2#

141 464.5 62.9 94.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165785BL

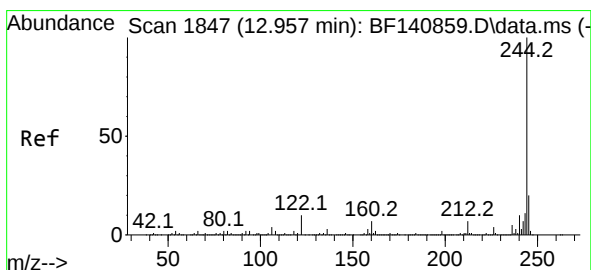
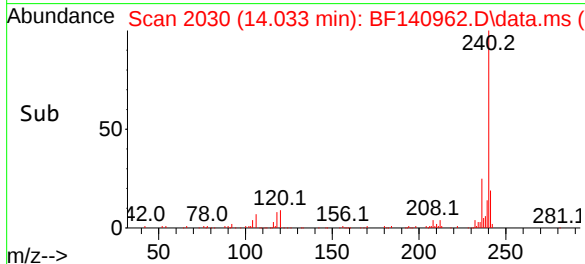
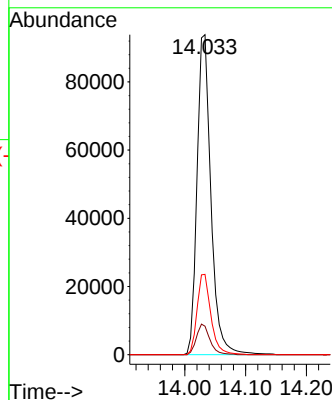
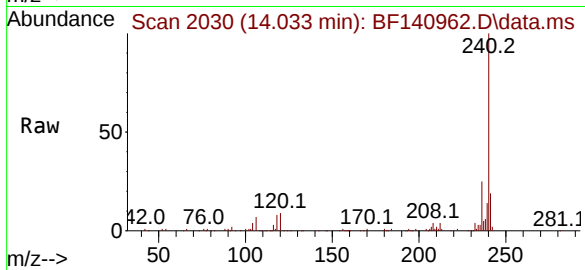
Tgt Ion:240 Resp: 148875

Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 116.314 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

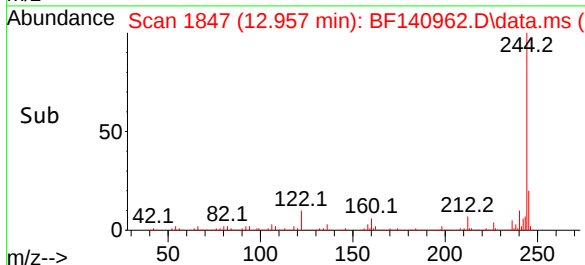
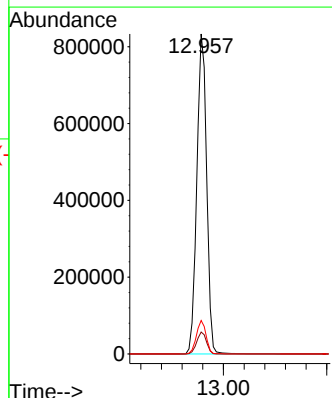
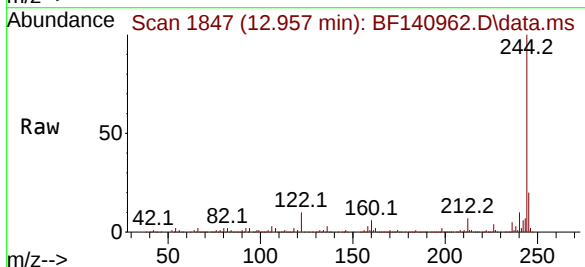
Tgt Ion:244 Resp: 1098138

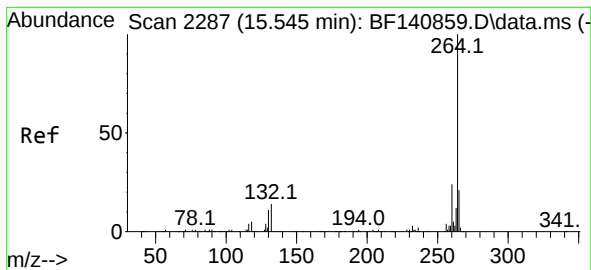
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140962.D
 Acq: 23 Dec 2024 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB165785BL

Tgt Ion:264 Resp: 129067
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.1 28.7
 265 21.2 17.0 25.4

