

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140906.D
 Acq On : 18 Dec 2024 15:28
 Operator : RC/JU
 Sample : P5277-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3A

Quant Time: Dec 18 15:57:30 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)

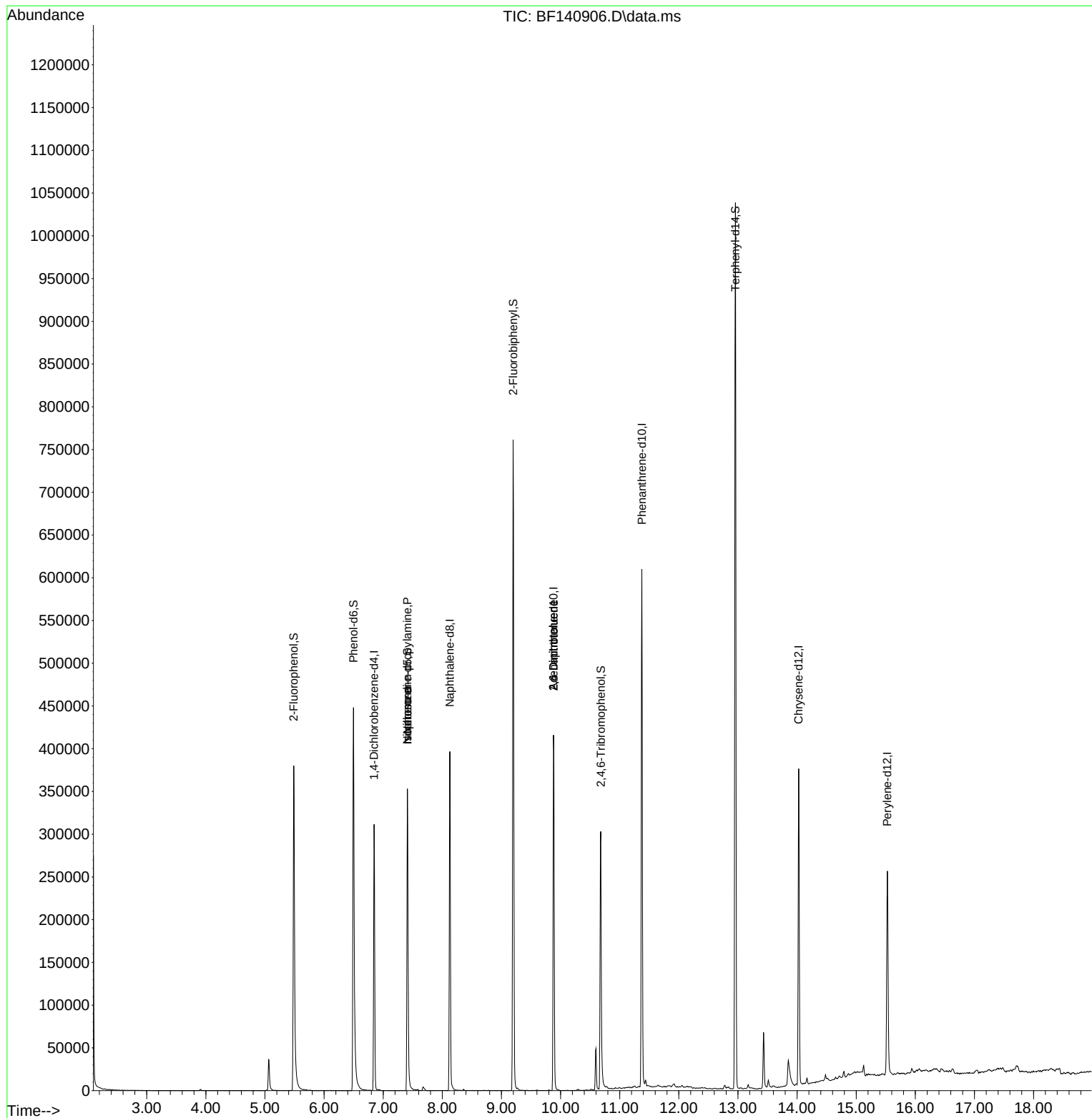
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68340	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	257883	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	133043	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	333312	20.000	ng	0.00
76) Chrysene-d12	14.027	240	181403	20.000	ng	0.00
86) Perylene-d12	15.527	264	152865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	183304	44.155	ng	0.00
7) Phenol-d6	6.498	99	266729	48.509	ng	0.00
23) Nitrobenzene-d5	7.410	82	178609	34.651	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	60900	38.703	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	352865	36.465	ng	0.00
79) Terphenyl-d14	12.957	244	508431	44.196	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	22501	6.822	ng	# 79
25) Isophorone	7.410	82	175651	20.338	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	16823	7.845	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	16823	5.963	ng	# 15

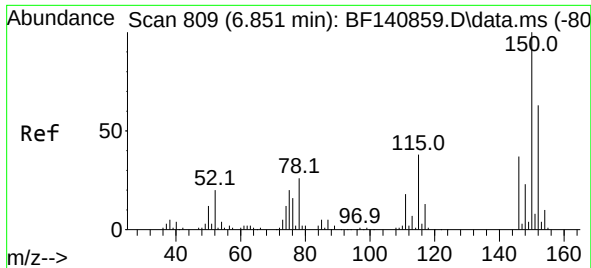
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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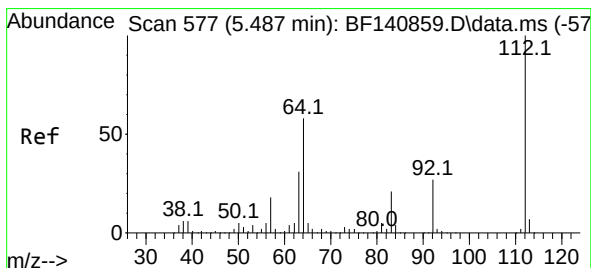
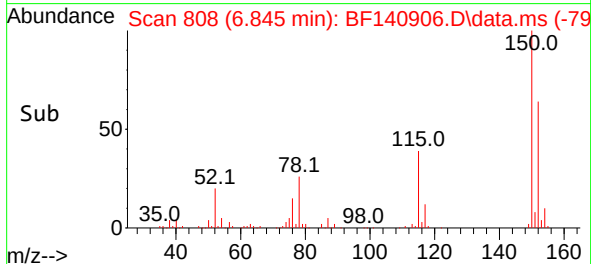
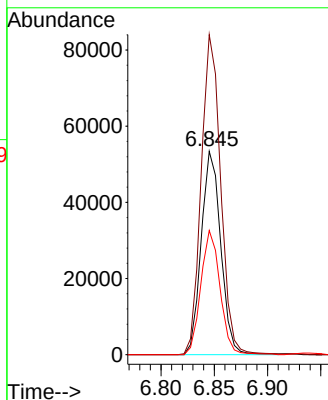
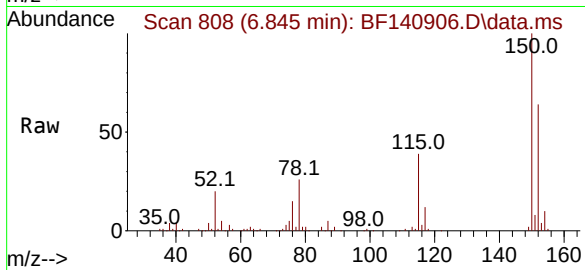




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

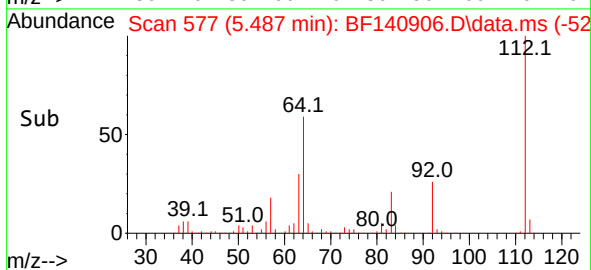
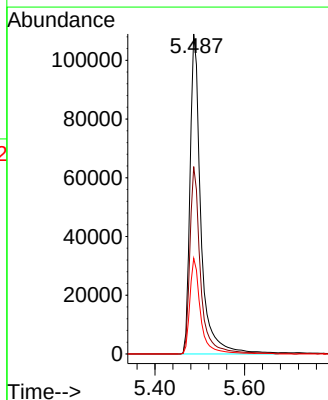
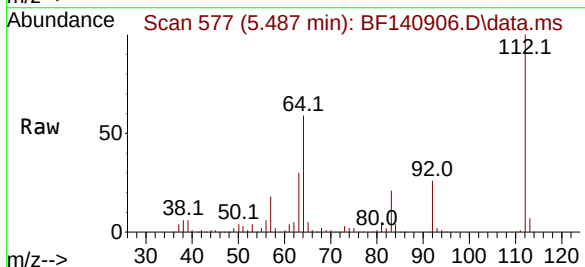
Instrument :
BNA_F
ClientSampleId :
COMP-3A

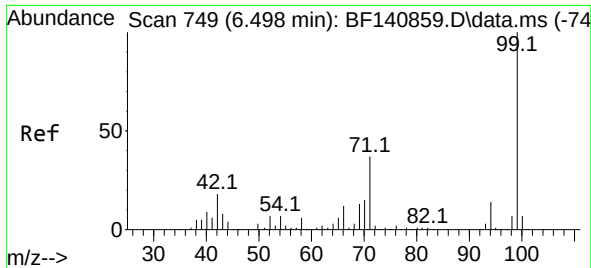
Tgt Ion:152 Resp: 68340
Ion Ratio Lower Upper
152 100
150 157.4 127.9 191.9
115 61.0 48.0 72.0



#5
2-Fluorophenol
Concen: 44.155 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

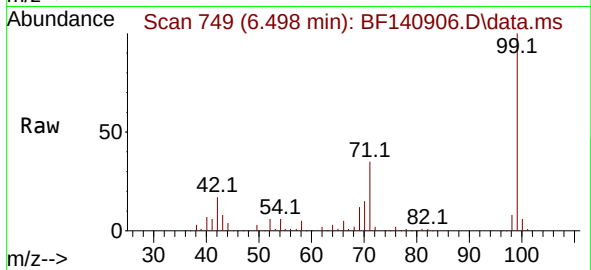
Tgt Ion:112 Resp: 183304
Ion Ratio Lower Upper
112 100
64 58.5 46.1 69.1
63 29.9 24.9 37.3



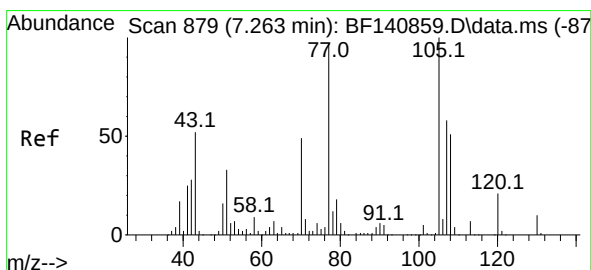
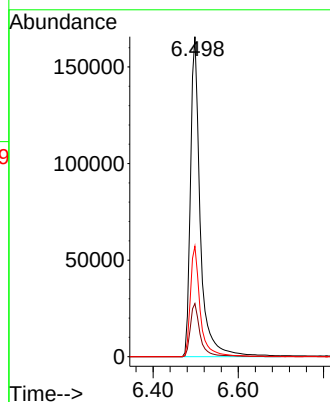
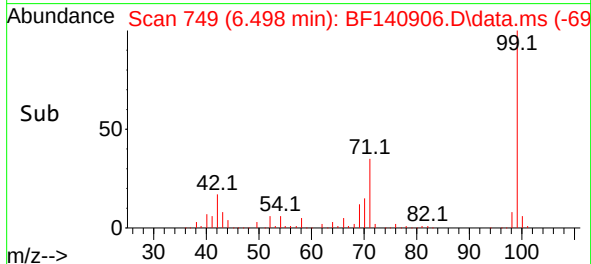


#7
Phenol-d6
Concen: 48.509 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

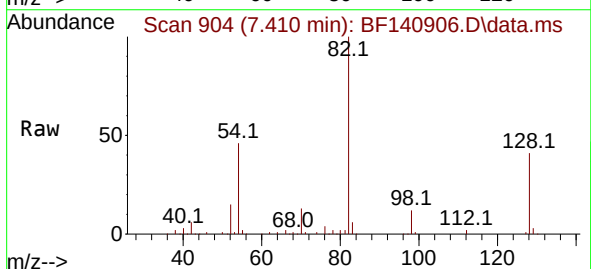
Instrument :
BNA_F
ClientSampleId :
COMP-3A



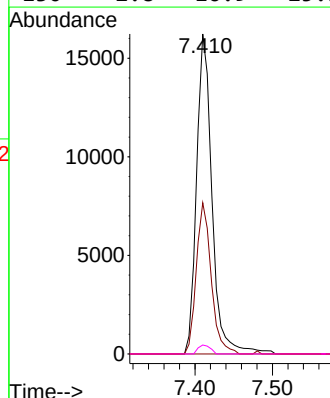
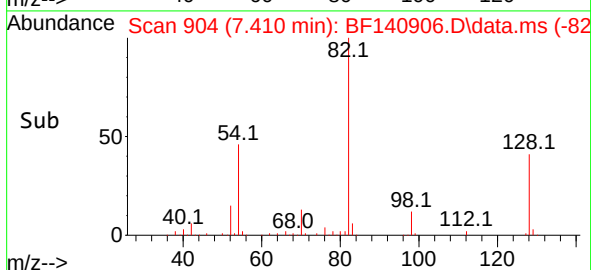
Tgt Ion: 99 Resp: 266729
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 34.5 29.9 44.9

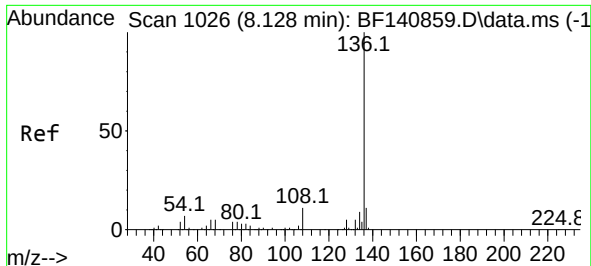


#19
n-Nitroso-di-n-propylamine
Concen: 6.822 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28



Tgt Ion: 70 Resp: 22501
Ion Ratio Lower Upper
70 100
42 47.2 45.3 67.9
101 0.0 8.0 12.0#
130 2.8 16.9 25.3#

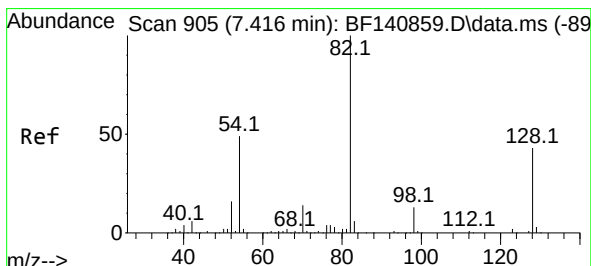
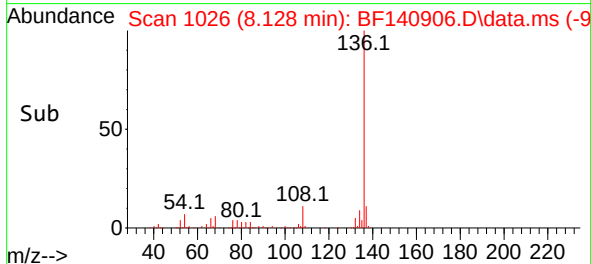
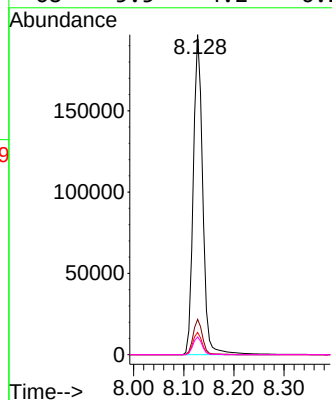
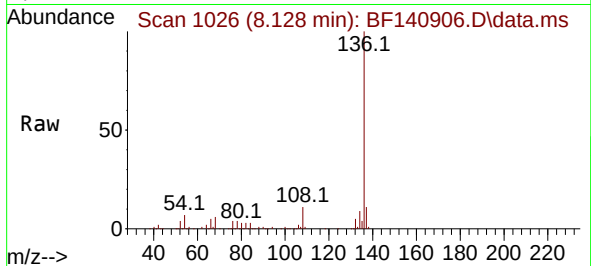




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

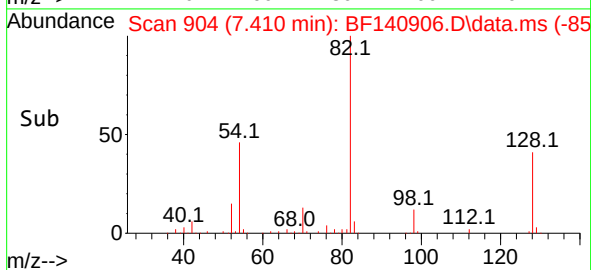
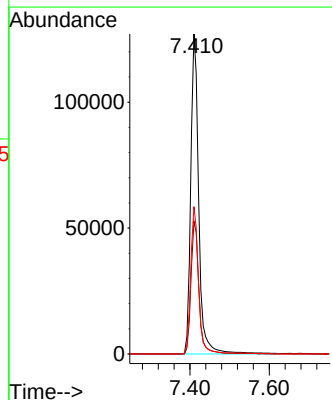
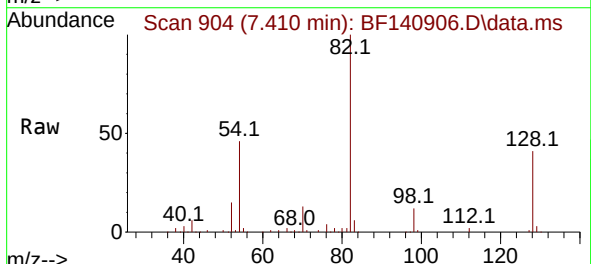
Instrument :
BNA_F
ClientSampleId :
COMP-3A

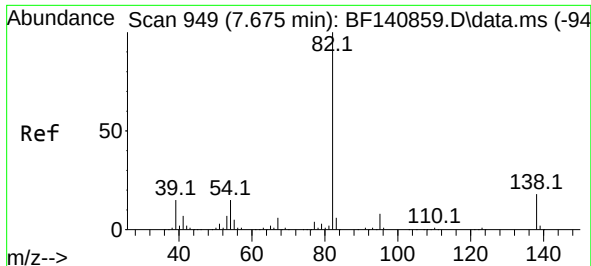
Tgt Ion:	136	Resp:	257883
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.6	8.4
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 34.651 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion:	82	Resp:	178609
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.4	51.6
54	46.0	38.8	58.2

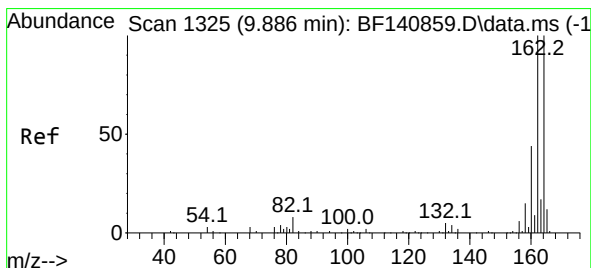
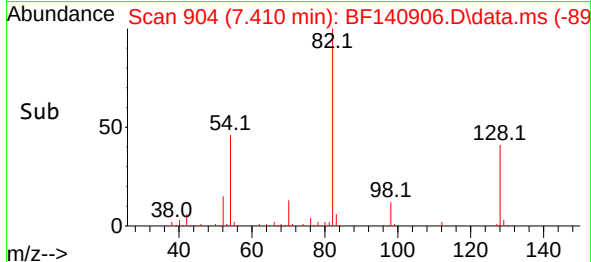
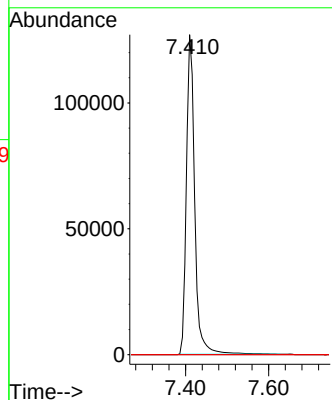
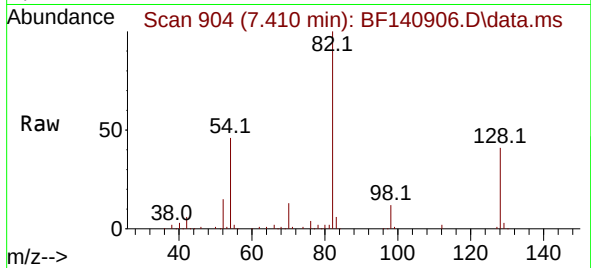




#25
Isophorone
Concen: 20.338 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

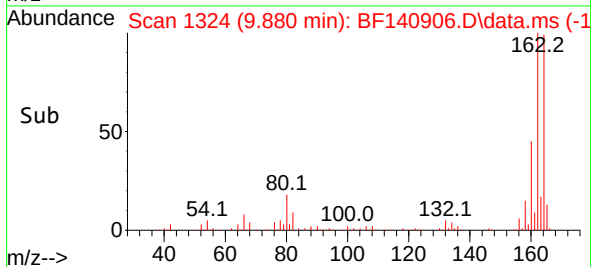
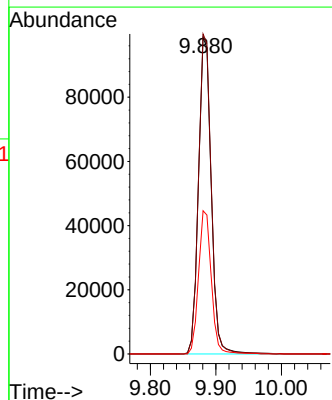
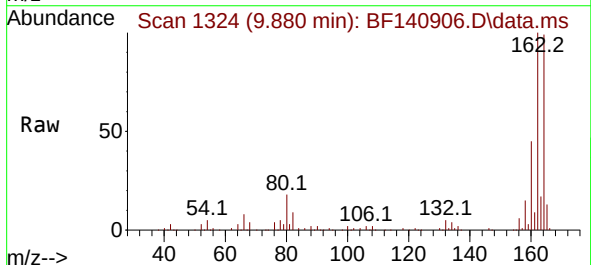
Instrument :
BNA_F
ClientSampleId :
COMP-3A

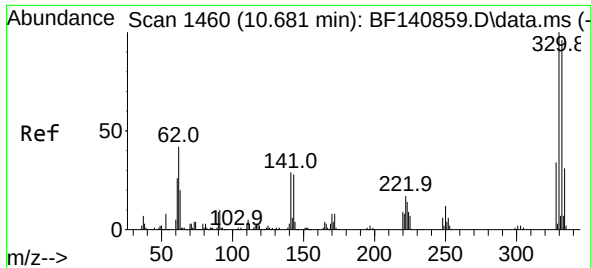
Tgt Ion: 82 Resp: 175651
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 164 Resp: 133043
Ion Ratio Lower Upper
164 100
162 101.1 79.9 119.9
160 45.3 35.2 52.8

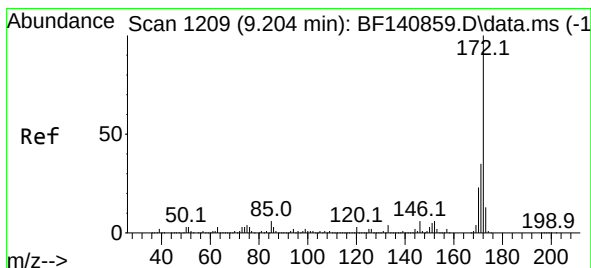
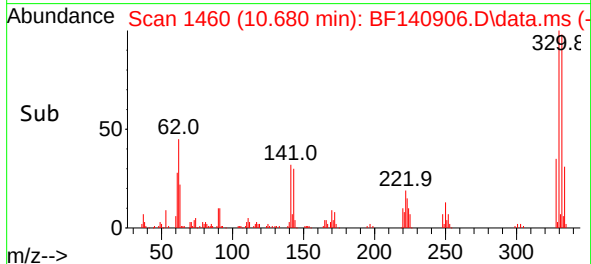
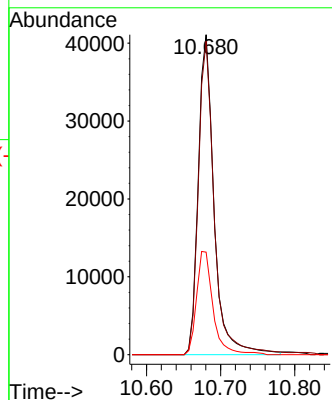
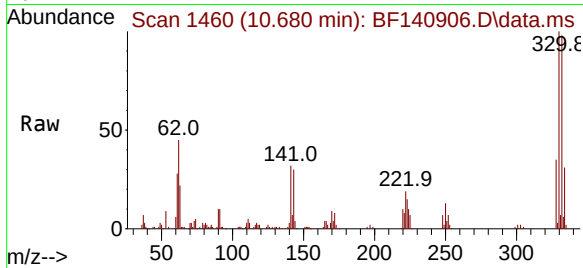




#42
2,4,6-Tribromophenol
Concen: 38.703 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

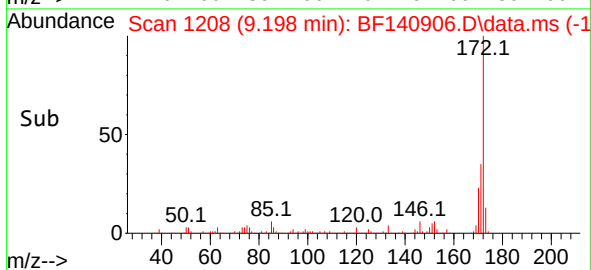
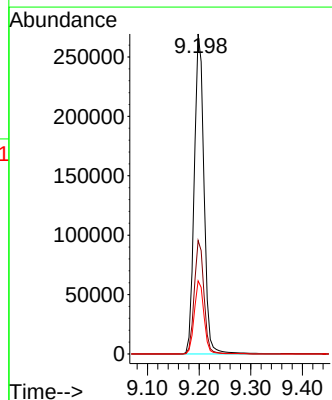
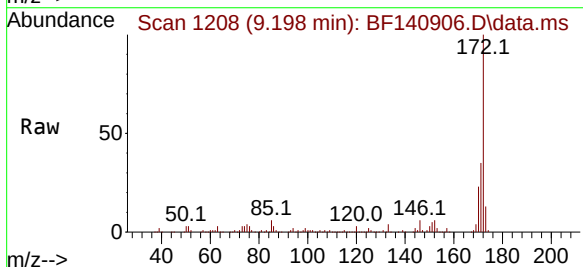
Instrument :
BNA_F
ClientSampleId :
COMP-3A

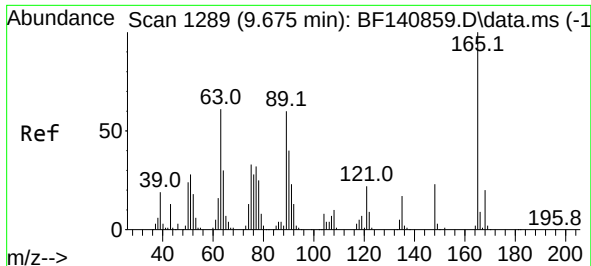
Tgt Ion:330 Resp: 60900
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 33.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 36.465 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion:172 Resp: 352865
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 22.8 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 7.845 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Instrument :

BNA_F

ClientSampleId :

COMP-3A

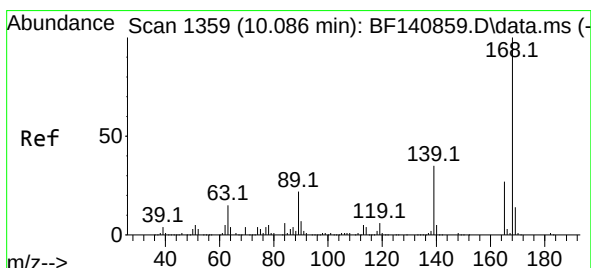
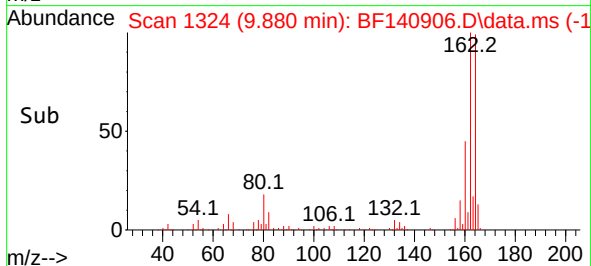
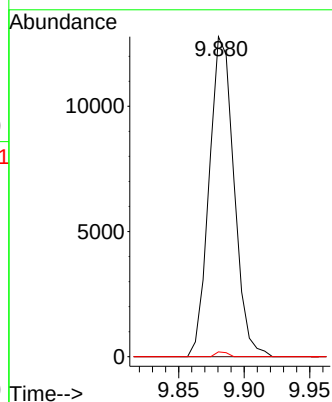
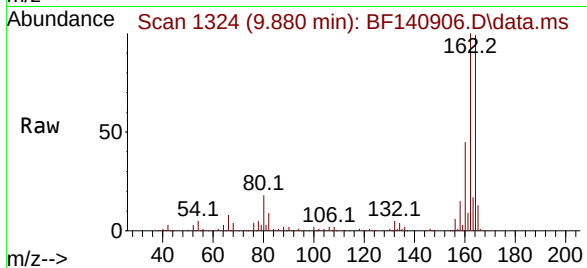
Tgt Ion:165 Resp: 16823

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 1.5 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 5.963 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Tgt Ion:165 Resp: 16823

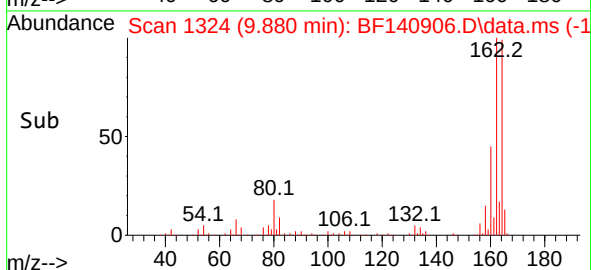
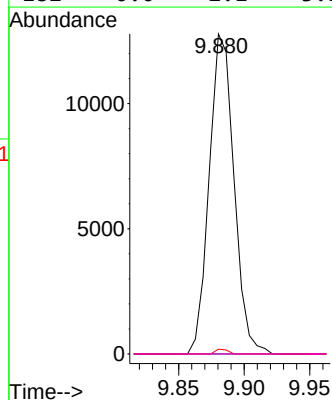
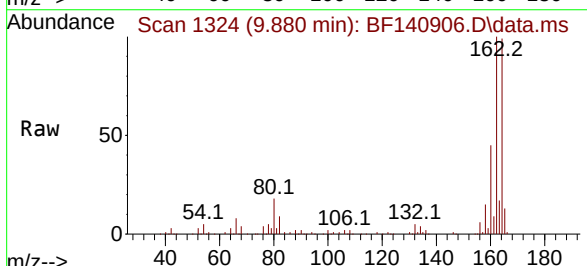
Ion Ratio Lower Upper

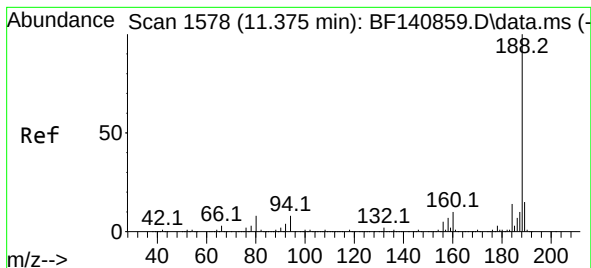
165 100

63 0.0 49.3 73.9#

89 1.5 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Instrument :

BNA_F

ClientSampleId :

COMP-3A

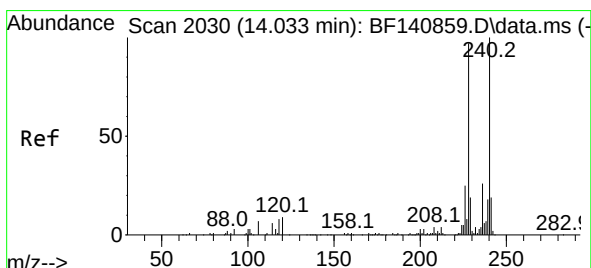
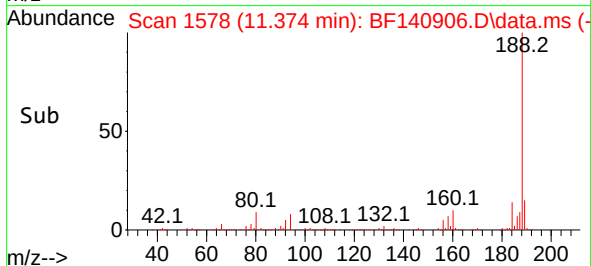
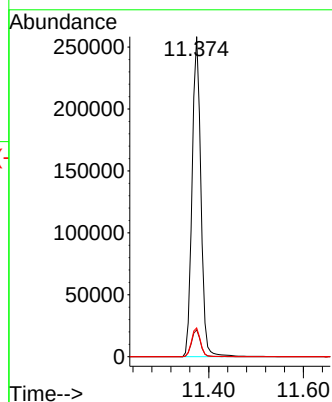
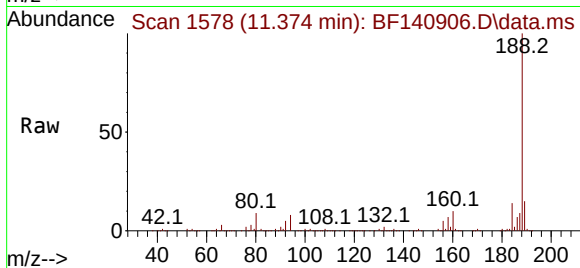
Tgt Ion:188 Resp: 333312

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

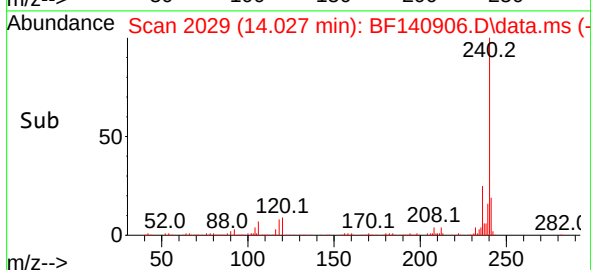
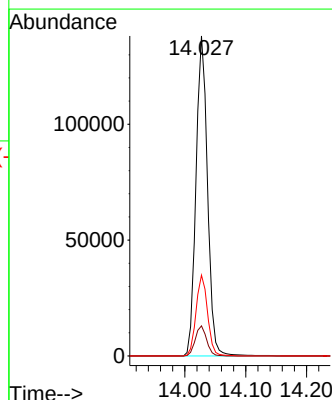
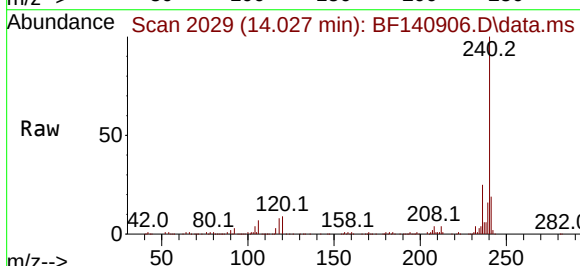
Tgt Ion:240 Resp: 181403

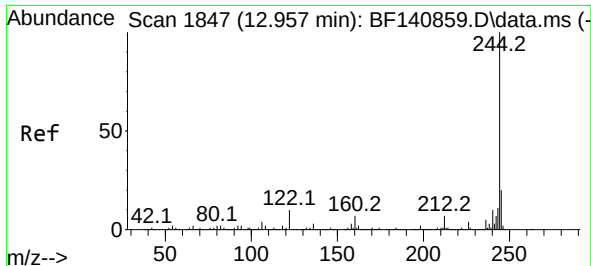
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.3 20.5 30.7

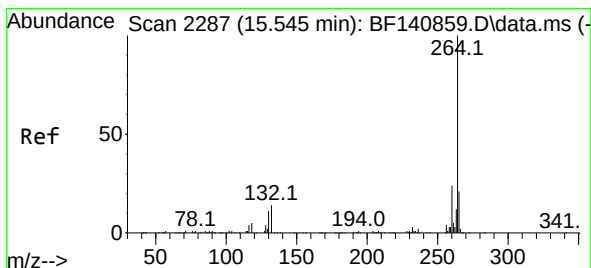
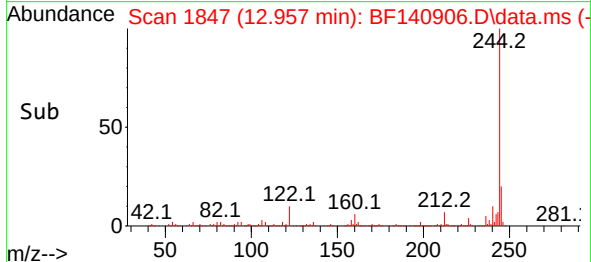
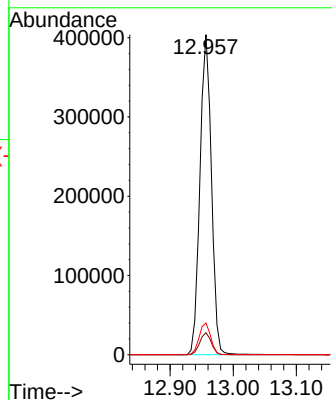
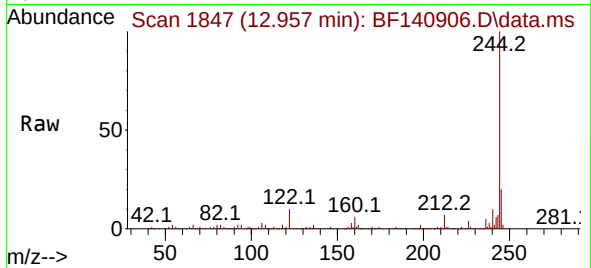




#79
Terphenyl-d14
Concen: 44.196 ng
RT: 12.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Instrument :
BNA_F
ClientSampleId :
COMP-3A

Tgt Ion:244 Resp: 508431
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.9 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion:264 Resp: 152865
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.1 17.0 25.4

