

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139742.D
 Acq On : 10 Oct 2024 13:10
 Operator : RC/JU
 Sample : P4353-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-400-COMP-43

Quant Time: Oct 10 14:12:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

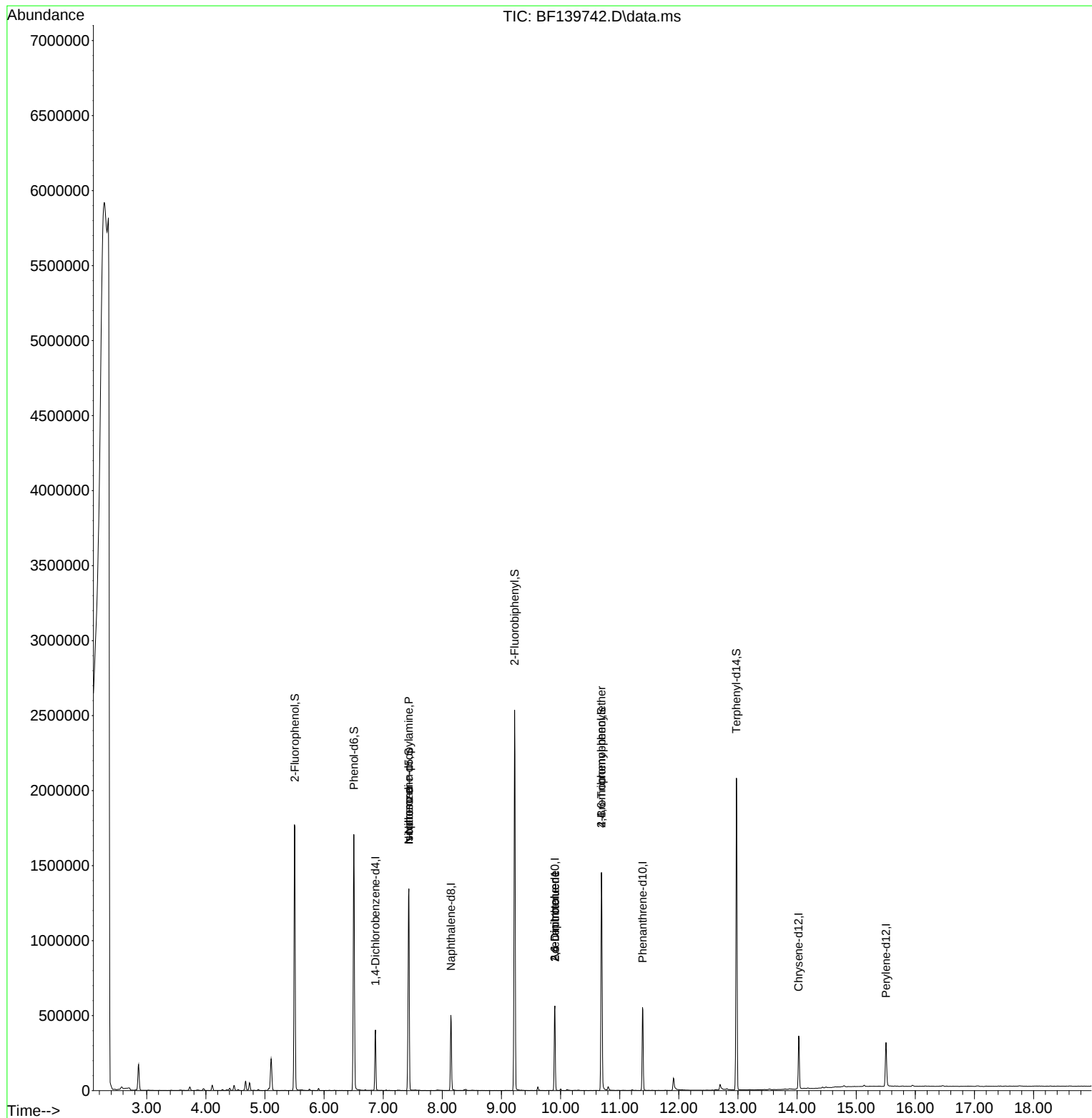
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81580	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	307522	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	167546	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	302047	20.000	ng	0.00
76) Chrysene-d12	14.027	240	171150	20.000	ng	0.00
86) Perylene-d12	15.504	264	171860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	641298	136.250	ng	0.02
7) Phenol-d6	6.504	99	773279	122.169	ng	0.00
23) Nitrobenzene-d5	7.434	82	611039	100.601	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	235593	145.663	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1115578	102.218	ng	0.00
79) Terphenyl-d14	12.974	244	1011565	96.980	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	82037	20.160	ng	# 76
25) Isophorone	7.434	82	607094	56.275	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	20994	8.474	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	20994	6.483	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	16020	5.173	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139742.D
Acq On : 10 Oct 2024 13:10
Operator : RC/JU
Sample : P4353-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

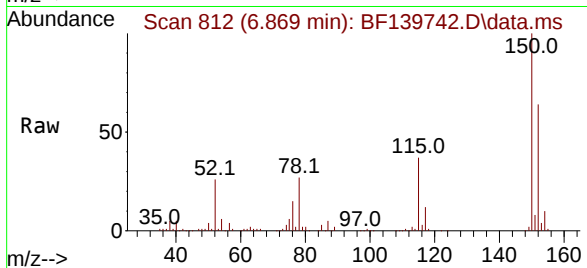
Quant Time: Oct 10 14:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



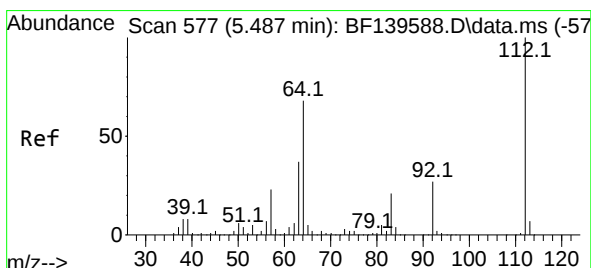
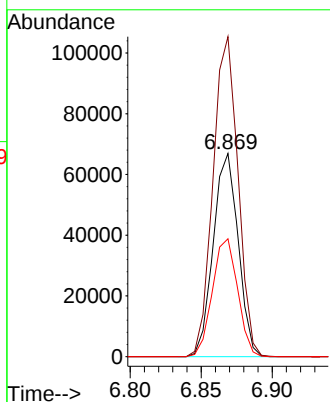
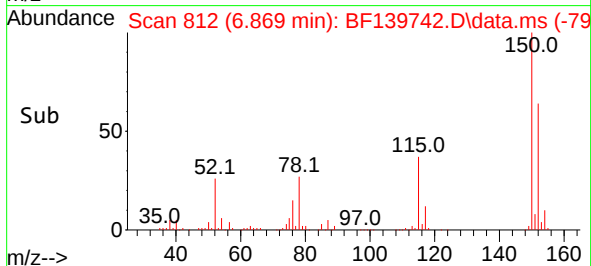


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

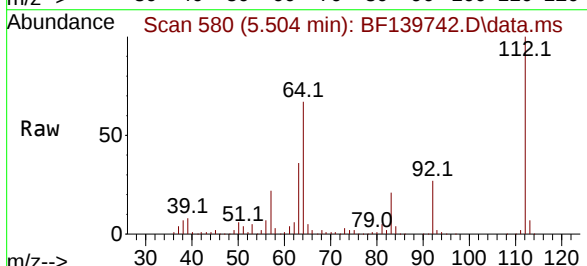
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



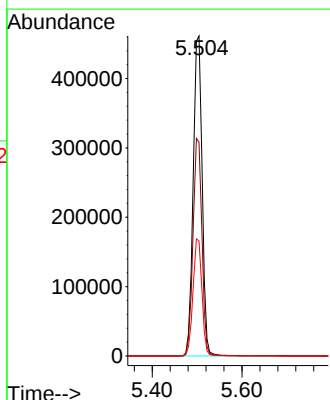
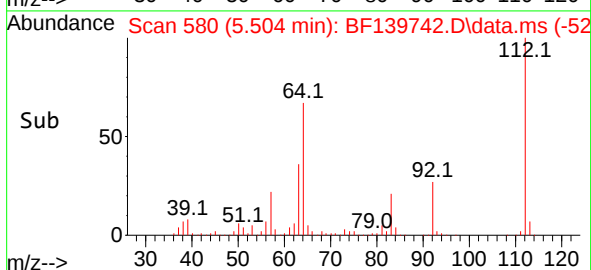
Tgt Ion:152 Resp: 81580
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 58.1 49.0 73.4

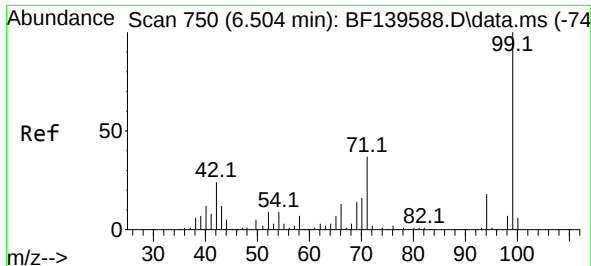


#5
2-Fluorophenol
Concen: 136.250 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10



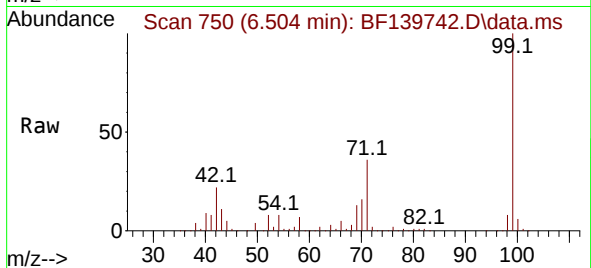
Tgt Ion:112 Resp: 641298
Ion Ratio Lower Upper
112 100
64 66.8 54.2 81.4
63 35.9 29.4 44.2



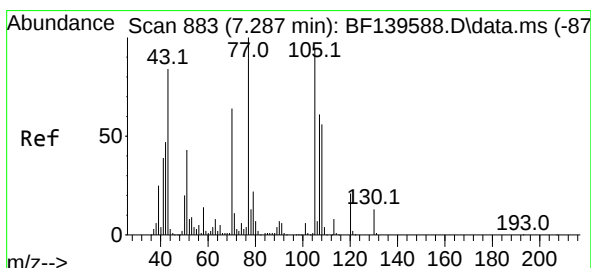
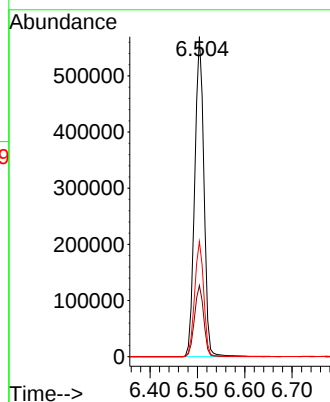
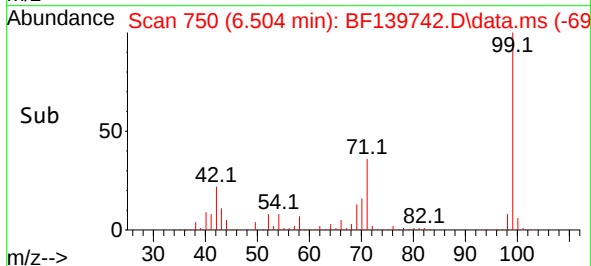


#7
Phenol-d6
Concen: 122.169 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

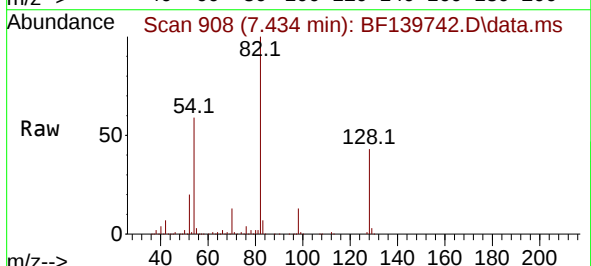
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



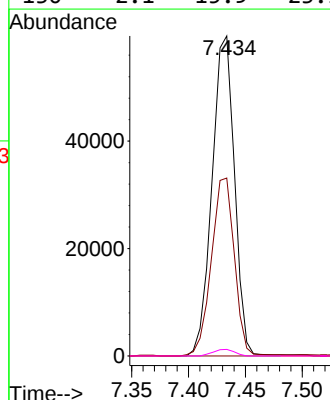
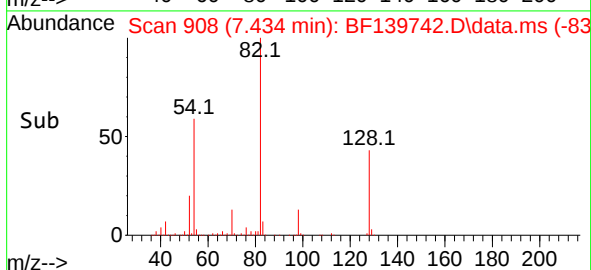
Tgt Ion: 99 Resp: 773279
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.160 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10



Tgt Ion: 70 Resp: 82037
Ion Ratio Lower Upper
70 100
42 55.6 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#



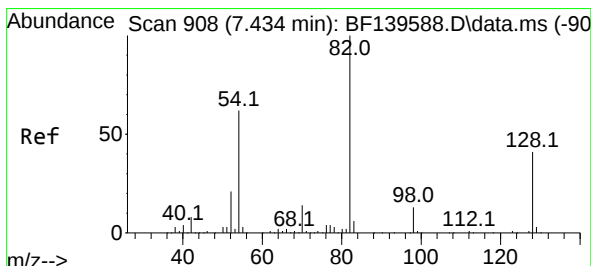
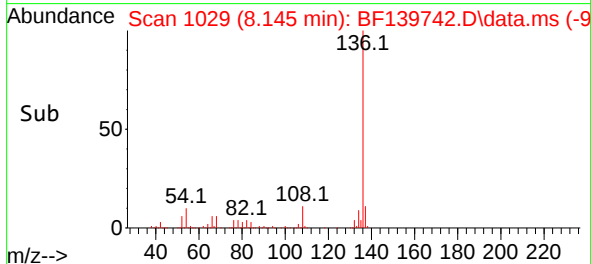
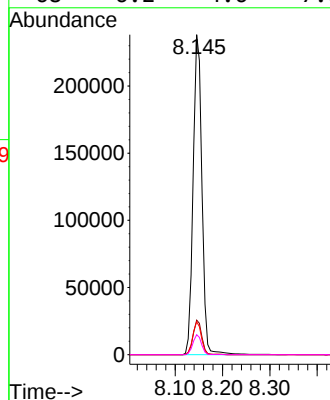
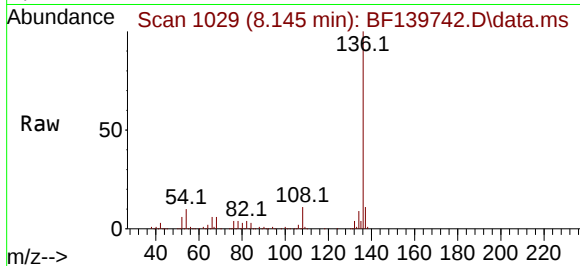


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

Tgt Ion: 136 Resp: 307522

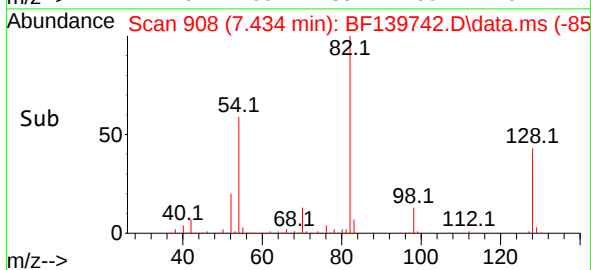
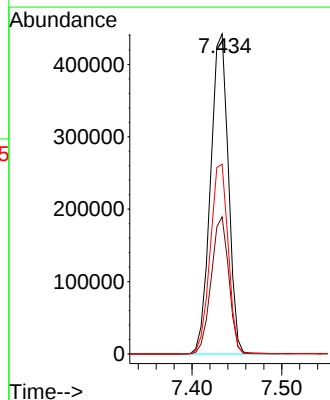
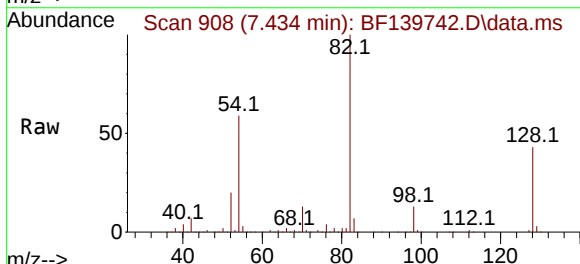
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 100.601 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Tgt Ion: 82 Resp: 611039

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.4	48.6
54	59.3	49.1	73.7

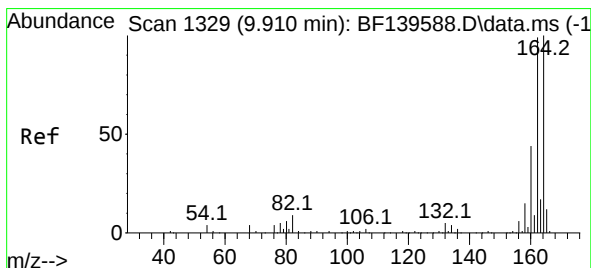
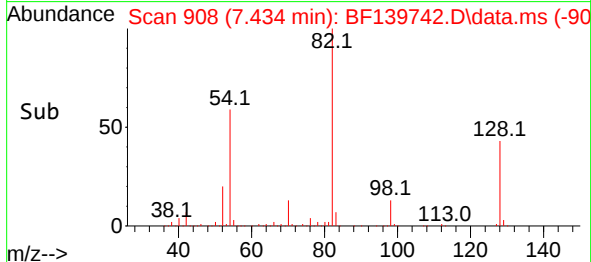
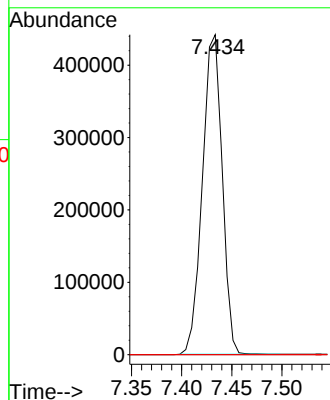
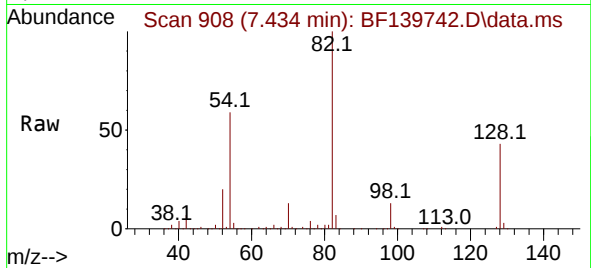




#25
Isophorone
Concen: 56.275 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

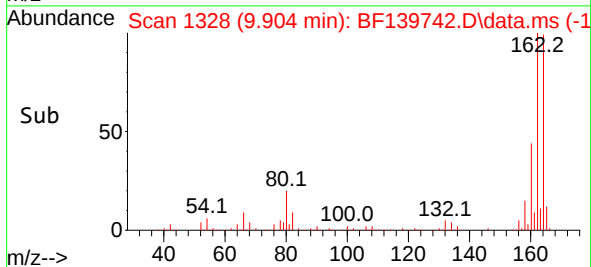
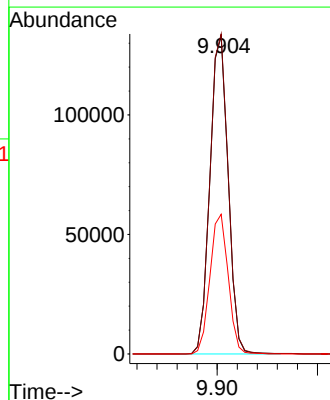
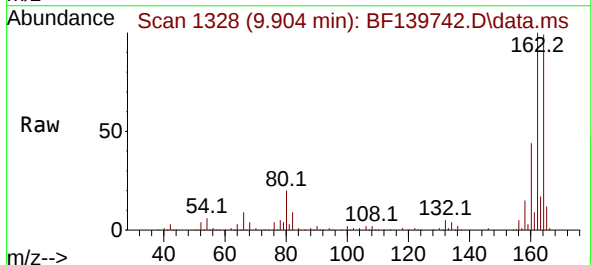
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

Tgt Ion: 82 Resp: 607094
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

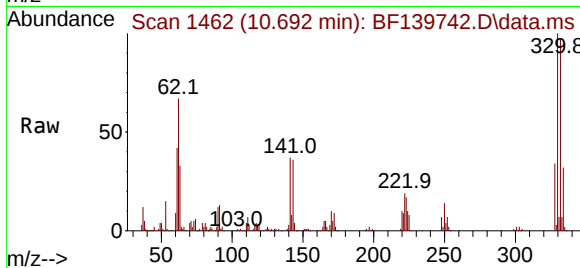
Tgt Ion:164 Resp: 167546
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 44.0 35.1 52.7



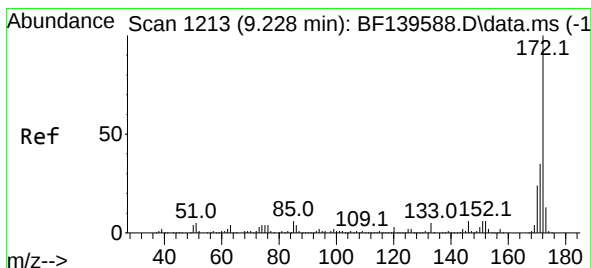
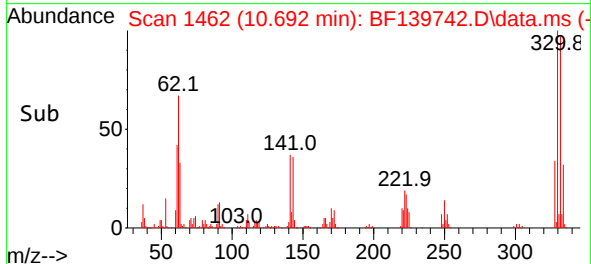
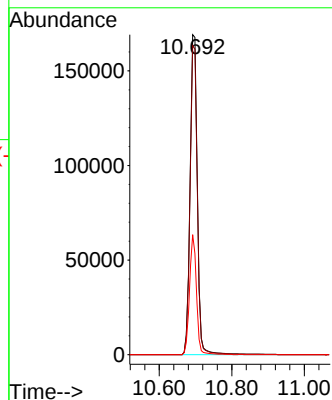


#42
2,4,6-Tribromophenol
Concen: 145.663 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

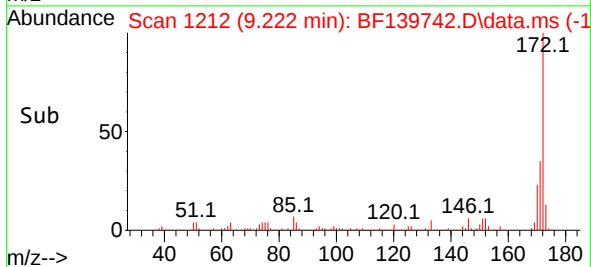
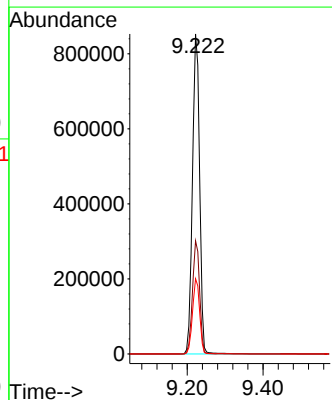
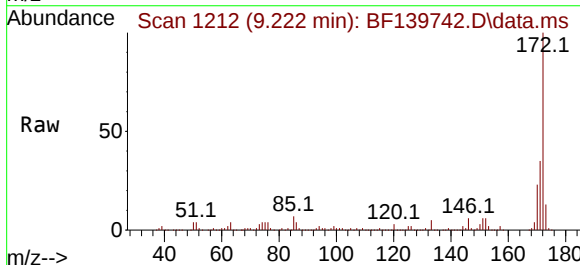


Tgt Ion:330 Resp: 235593
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 35.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 102.218 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Tgt Ion:172 Resp: 1115578
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2

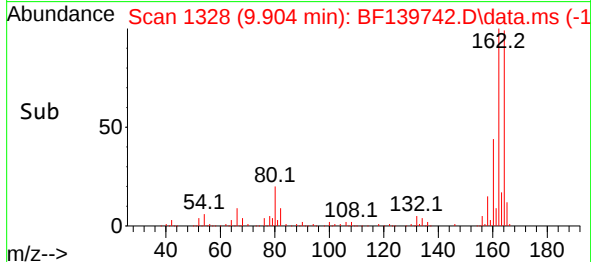
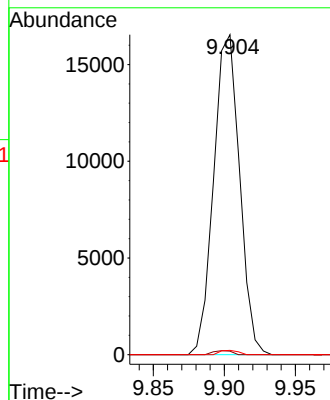
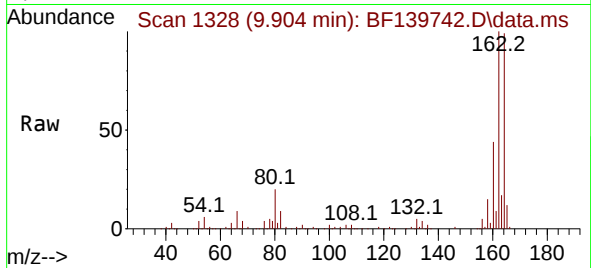




#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

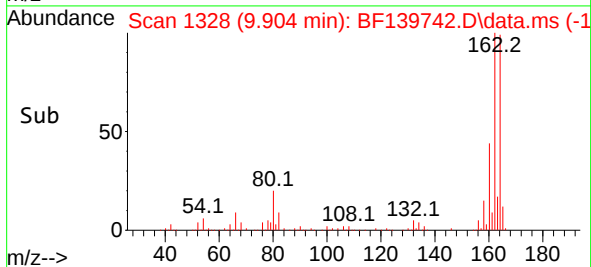
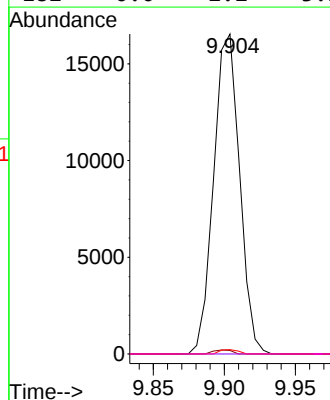
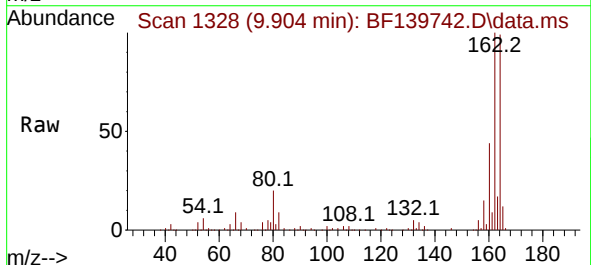
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

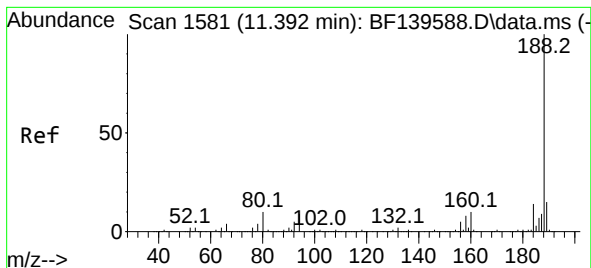
Tgt Ion:165 Resp: 20994
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.483 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Tgt Ion:165 Resp: 20994
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139742.D

Acq: 10 Oct 2024 13:10

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

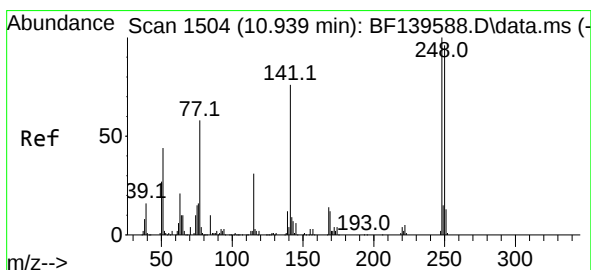
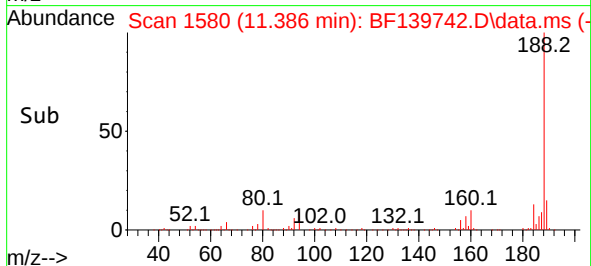
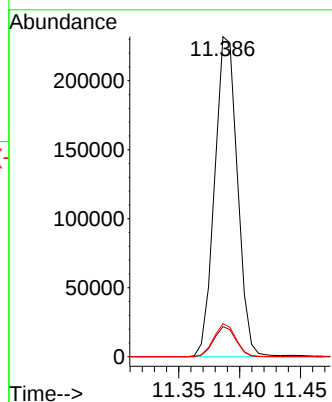
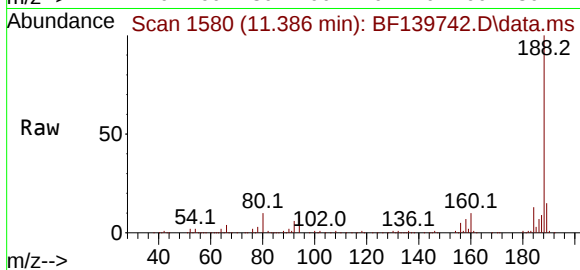
Tgt Ion:188 Resp: 302047

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.3 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 5.173 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139742.D

Acq: 10 Oct 2024 13:10

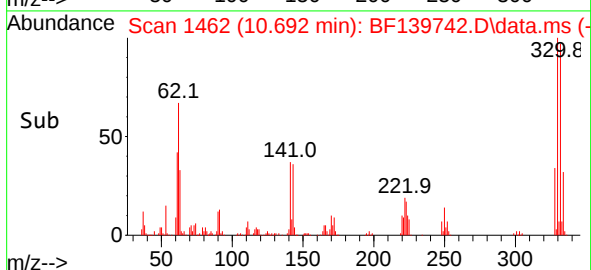
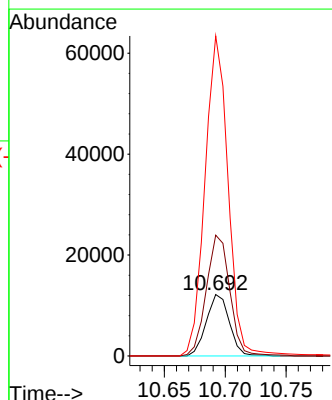
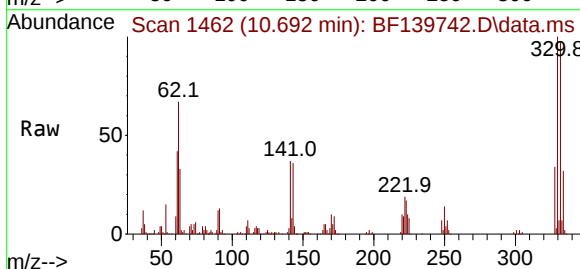
Tgt Ion:248 Resp: 16020

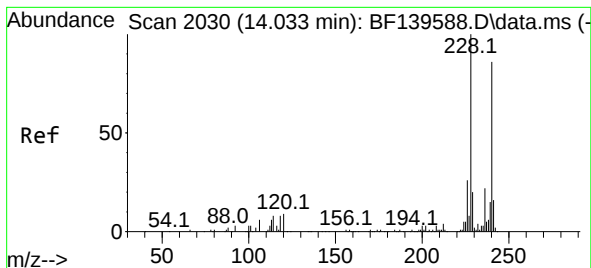
Ion Ratio Lower Upper

248 100

250 196.5 77.1 115.7#

141 520.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139742.D

Acq: 10 Oct 2024 13:10

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

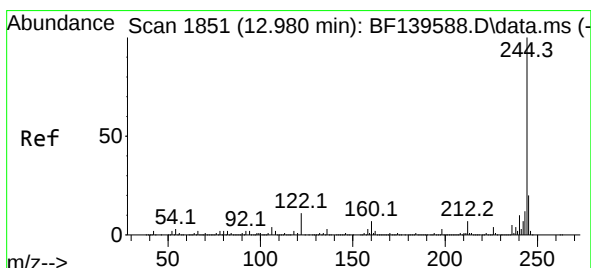
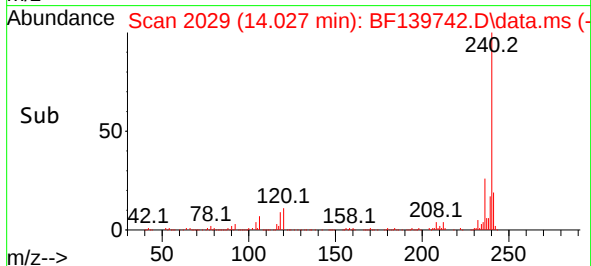
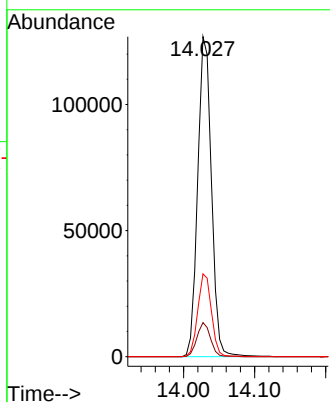
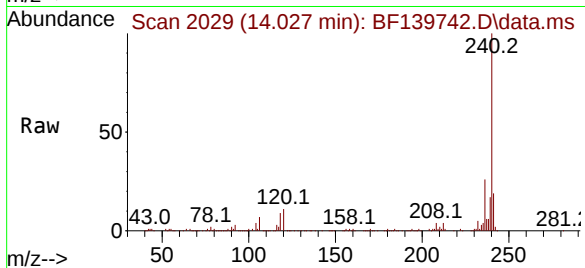
Tgt Ion:240 Resp: 171150

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 96.980 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139742.D

Acq: 10 Oct 2024 13:10

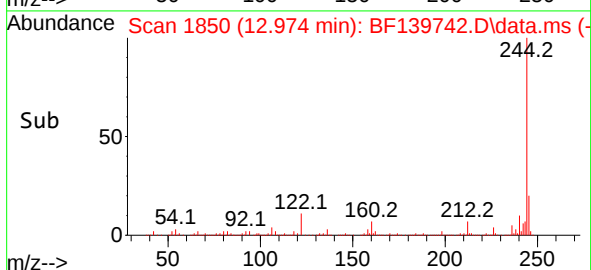
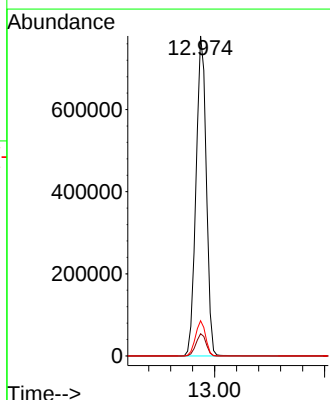
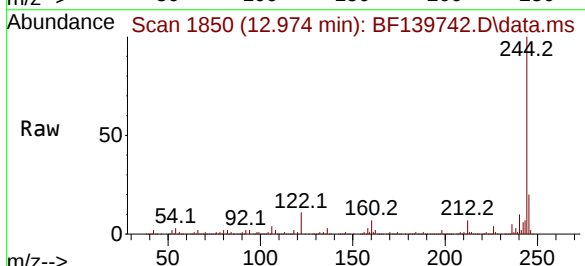
Tgt Ion:244 Resp: 1011565

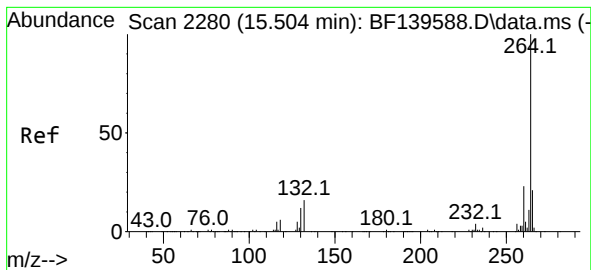
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

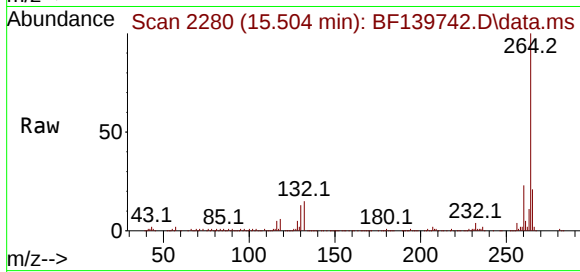
122 11.0 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139742.D
Acq: 10 Oct 2024 13:10

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:264 Resp: 171860

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.7	16.9	25.3

