

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142056.D
 Acq On : 24 Mar 2025 15:55
 Operator : RC/JU
 Sample : Q1606-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 16:20:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

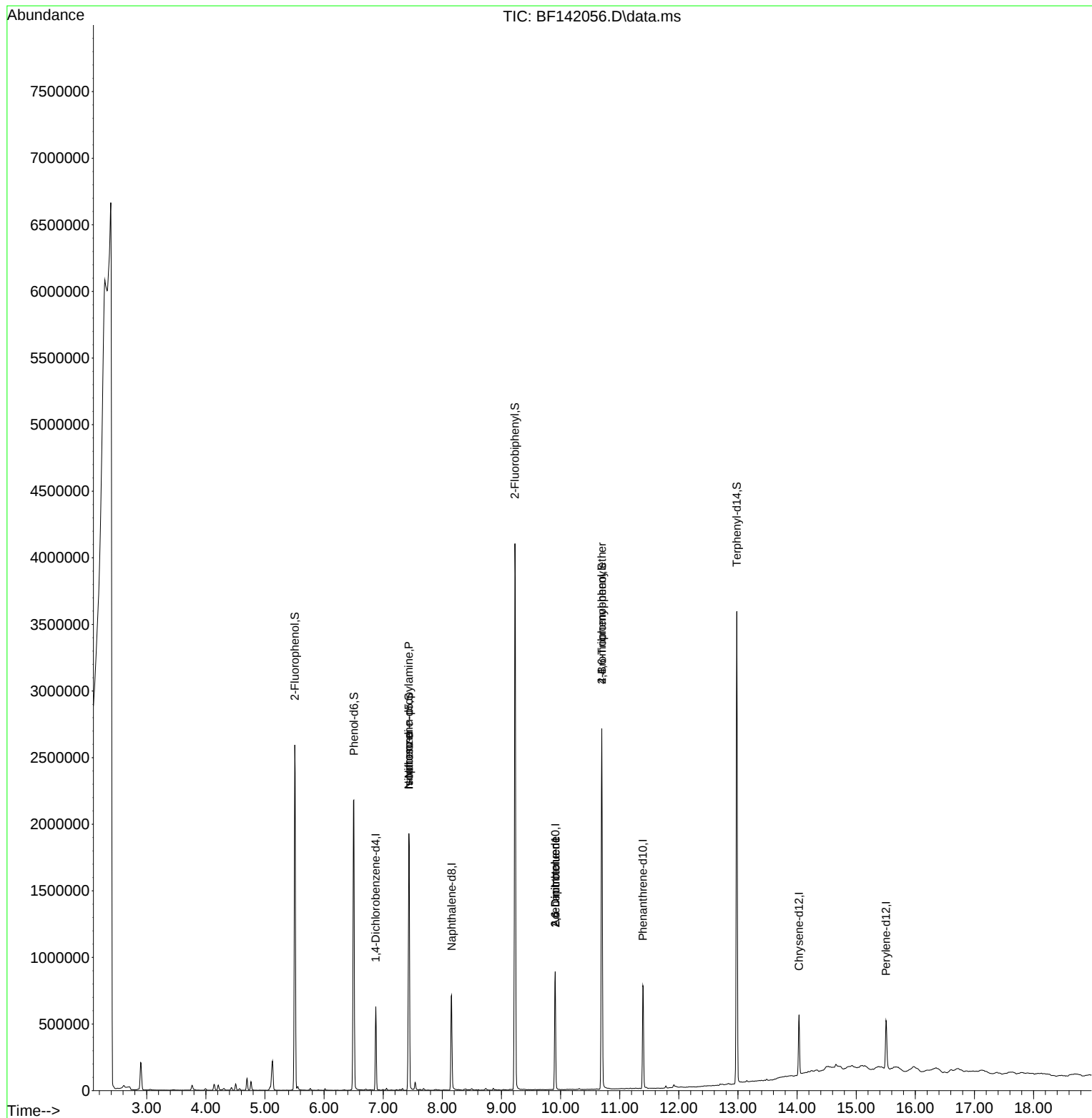
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	129394	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	495358	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	271097	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	426036	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	244025	20.000	ng	0.00
86) Perylene-d12	15.504	264	257056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1035235	133.527	ng	0.01
7) Phenol-d6	6.504	99	1121602	113.623	ng	0.00
23) Nitrobenzene-d5	7.434	82	913039	103.727	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	525679	152.848	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1893679	106.232	ng	-0.01
79) Terphenyl-d14	12.980	244	1807029	109.481	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	127506	20.102	ng	# 77
25) Isophorone	7.434	82	896546	57.620	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	34487	8.725	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	34487	6.680	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	32227	6.023	ng	# 1

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

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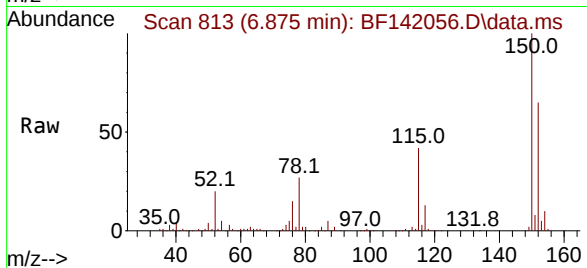
Quant Time: Mar 24 16:20:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



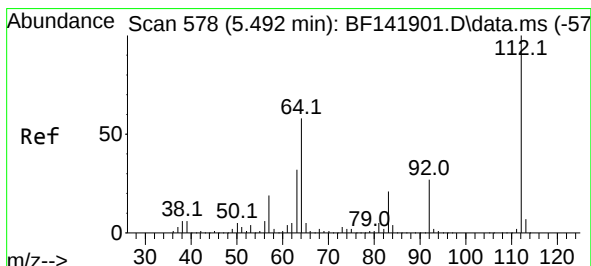
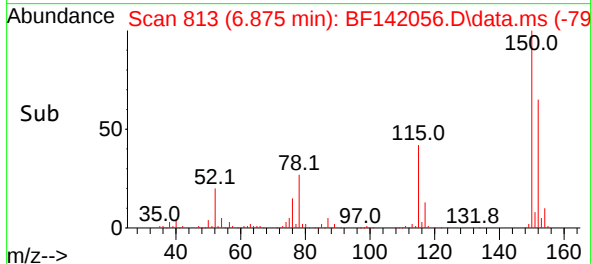
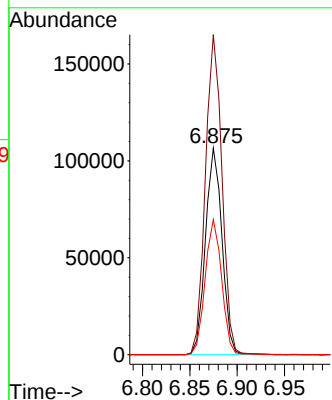


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Instrument :
BNA_F
ClientSampleId :

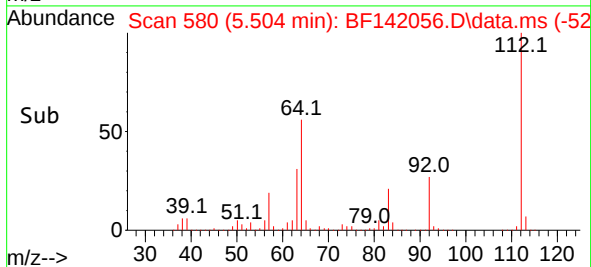
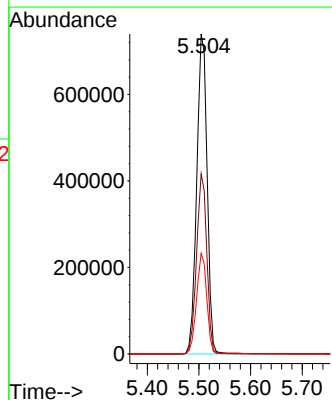
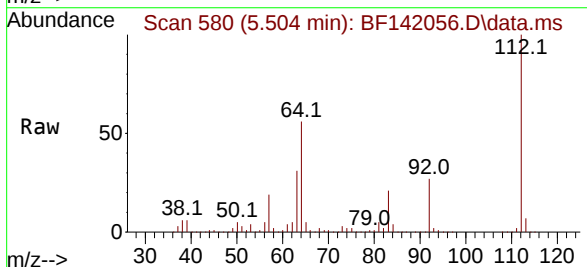


Tgt Ion:152 Resp: 129394
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.2
115 65.4 51.9 77.9



#5
2-Fluorophenol
Concen: 133.527 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion:112 Resp: 1035235
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 31.4 25.4 38.2



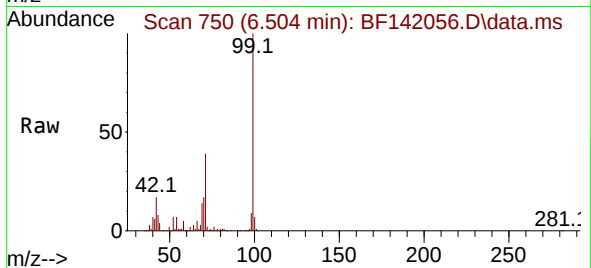


#7
Phenol-d6
Concen: 113.623 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Instrument :

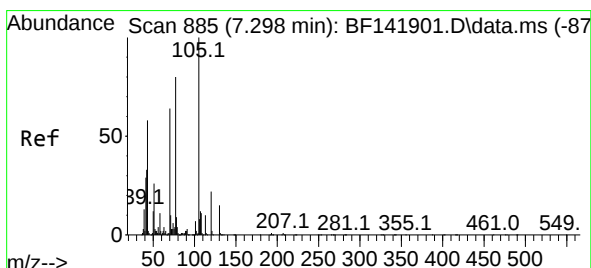
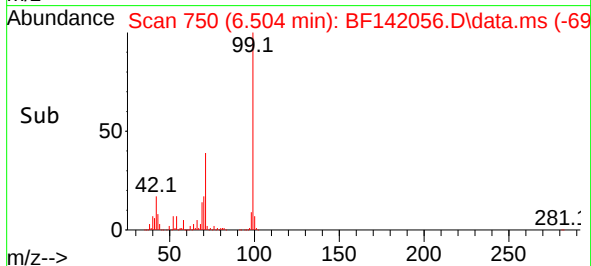
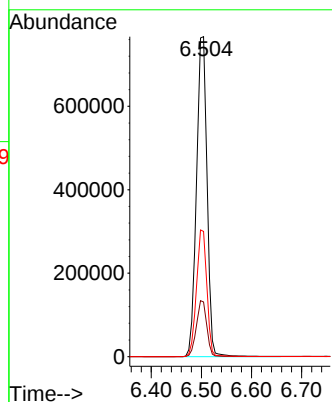
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1121602

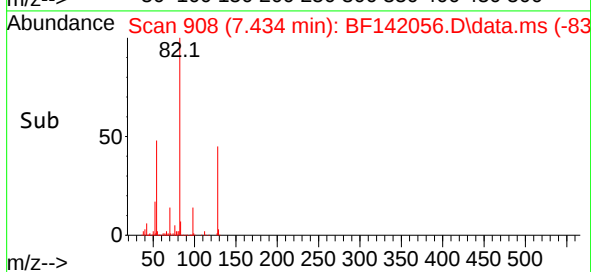
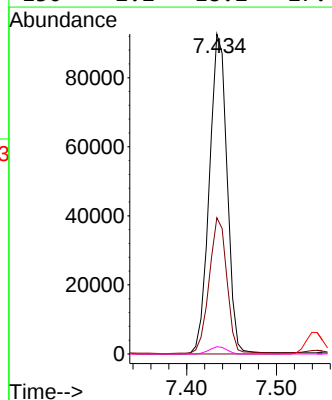
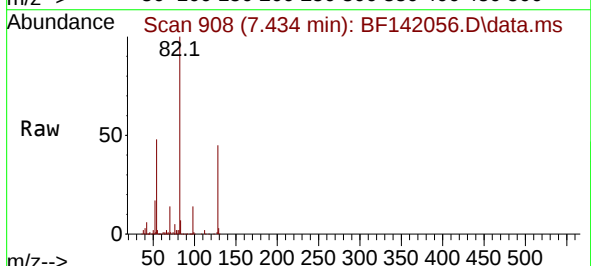
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	39.1	30.8	46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.102 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion: 70 Resp: 127506

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.4	62.0
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#

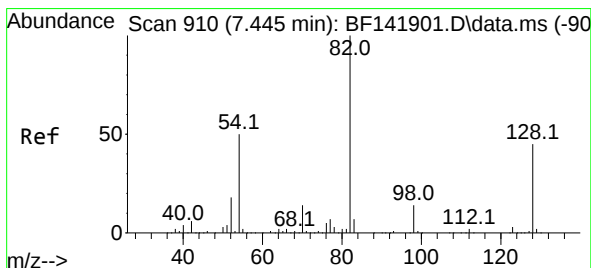
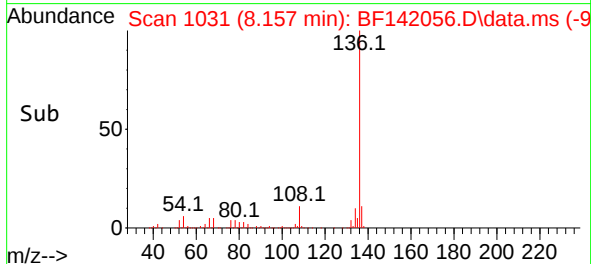
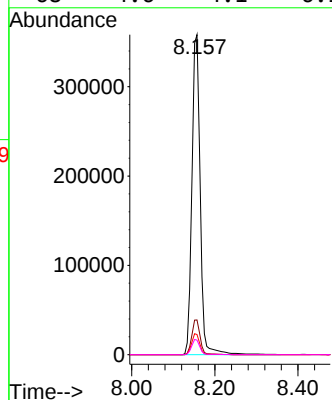
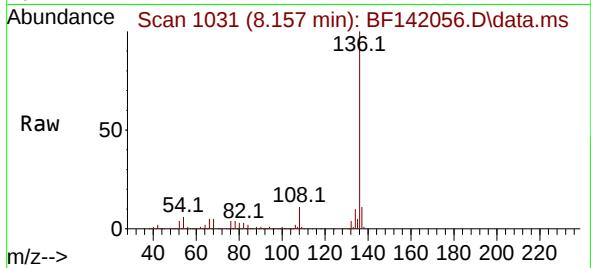




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

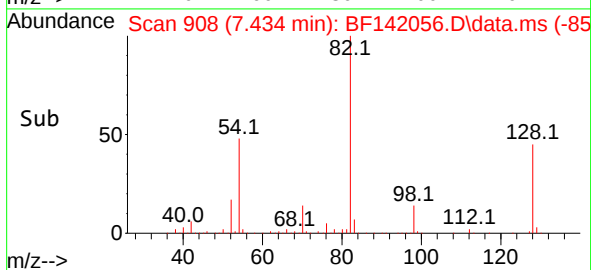
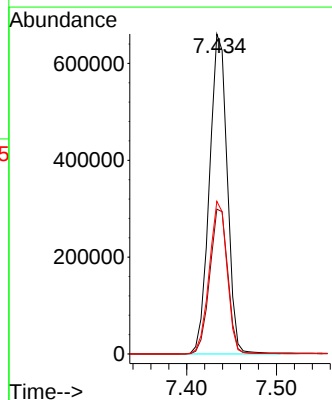
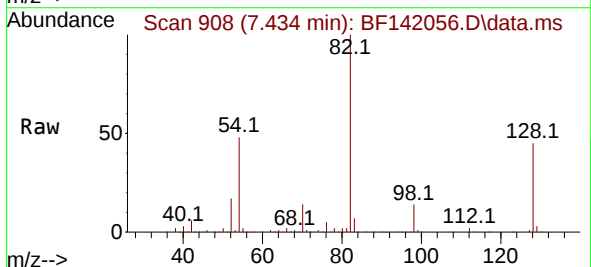
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 495358
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.727 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion: 82 Resp: 913039
Ion Ratio Lower Upper
82 100
128 45.2 36.0 54.0
54 47.7 39.6 59.4

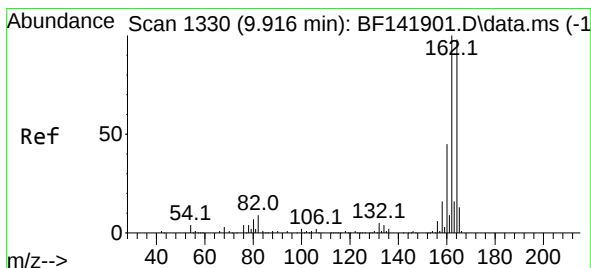
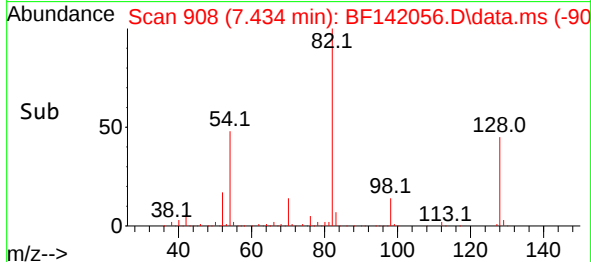
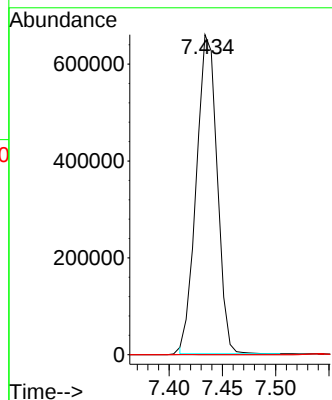
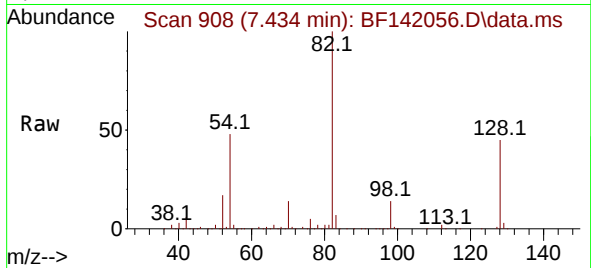




#25
Isophorone
Concen: 57.620 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

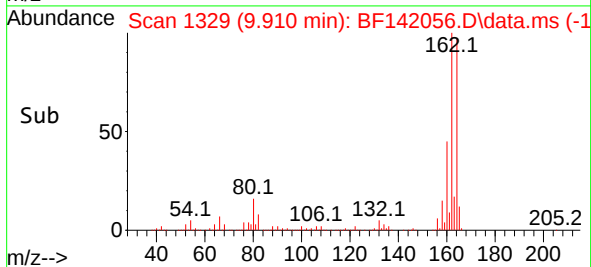
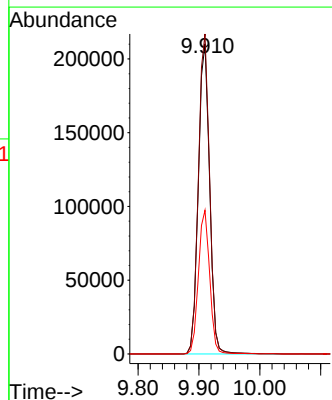
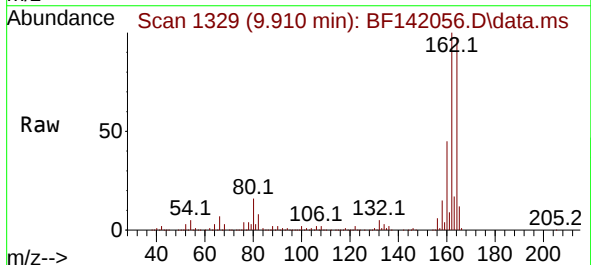
Instrument :
BNA_F
ClientSampleId :

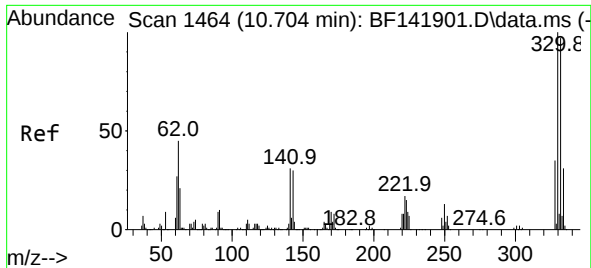
Tgt Ion: 82 Resp: 896546
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion:164 Resp: 271097
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 152.848 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142056.D

Acq: 24 Mar 2025 15:55

Instrument :

BNA_F

ClientSampleId :

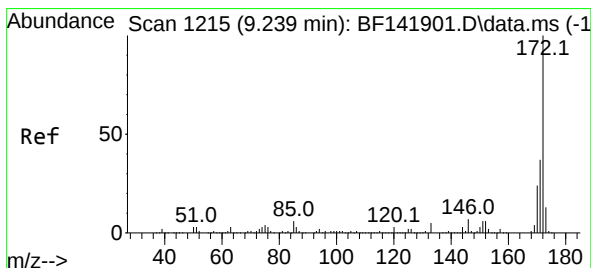
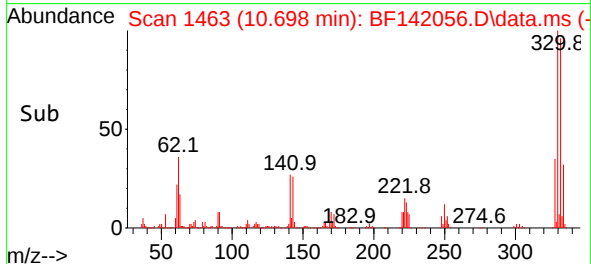
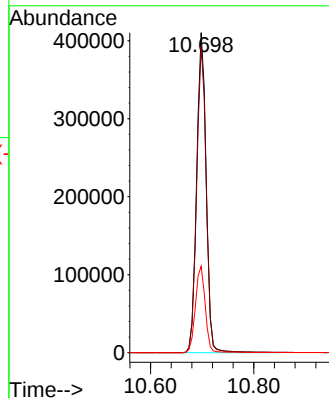
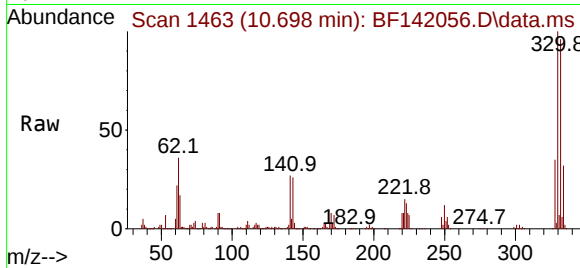
Tgt Ion:330 Resp: 525679

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 28.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 106.232 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142056.D

Acq: 24 Mar 2025 15:55

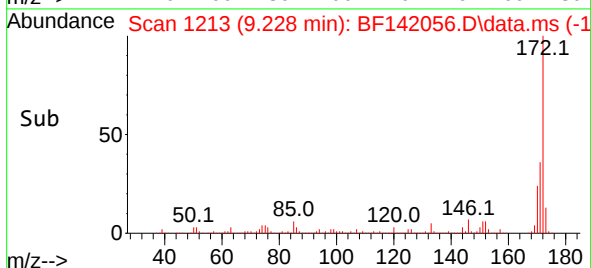
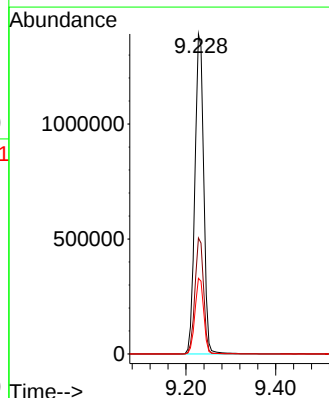
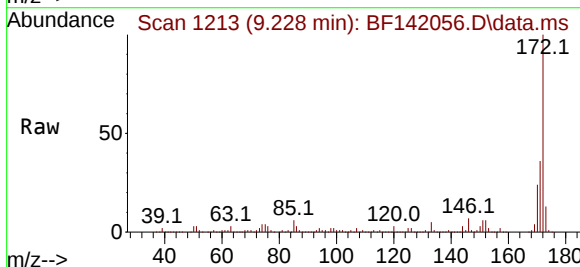
Tgt Ion:172 Resp: 1893679

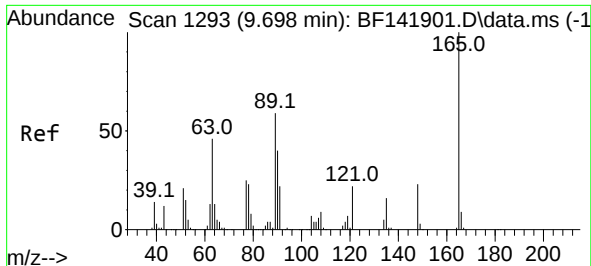
Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 23.7 19.4 29.0

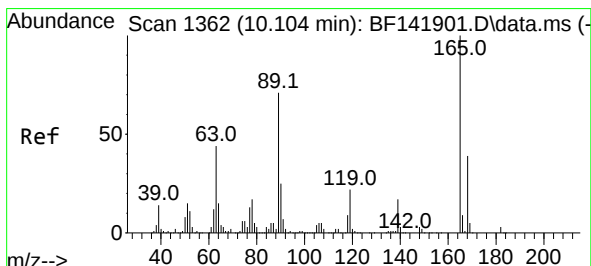
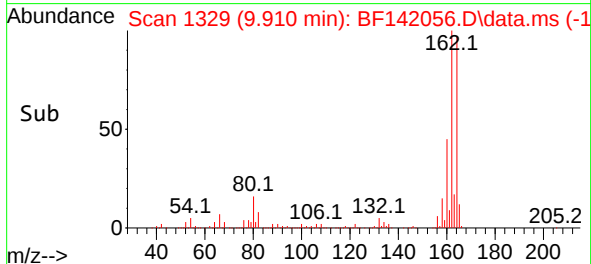
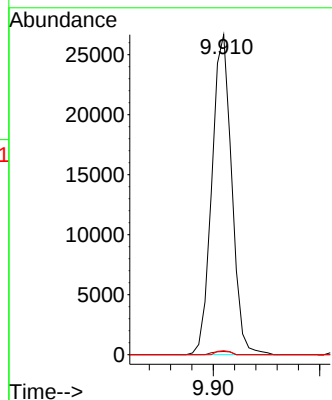
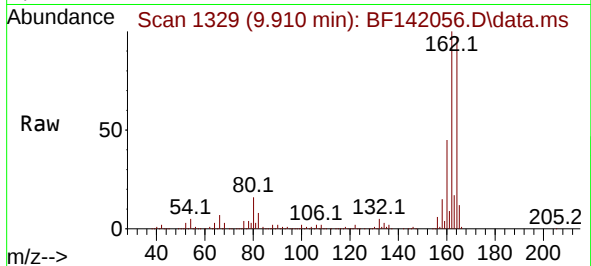




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

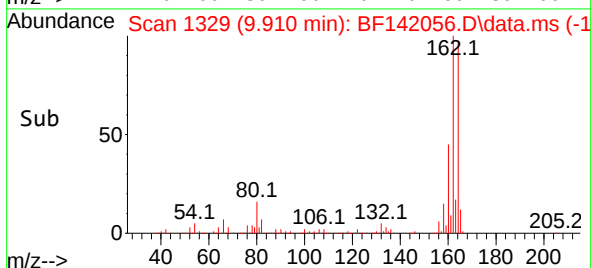
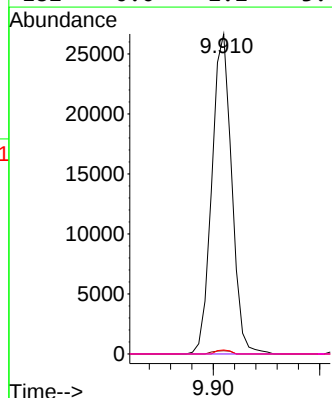
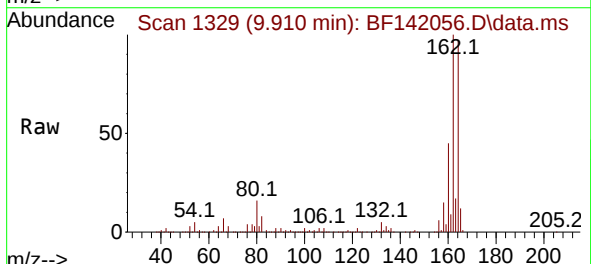
Instrument :
BNA_F
ClientSampleId :

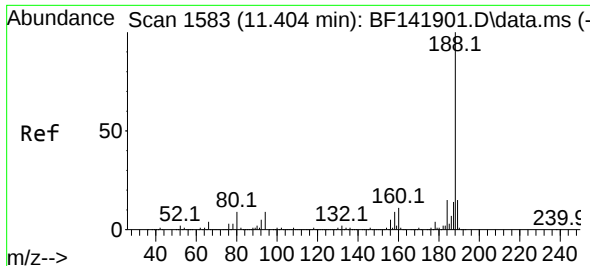
Tgt Ion:165 Resp: 34487
Ion Ratio Lower Upper
165 100
63 1.0 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.680 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion:165 Resp: 34487
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.3 56.6 84.8#
182 0.0 2.2 3.4#

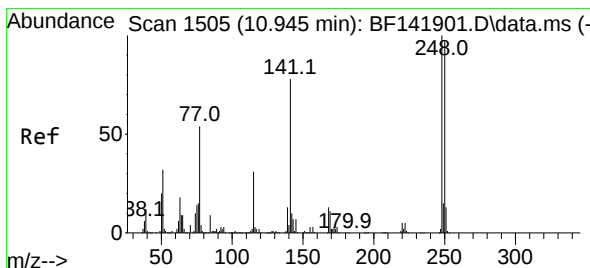
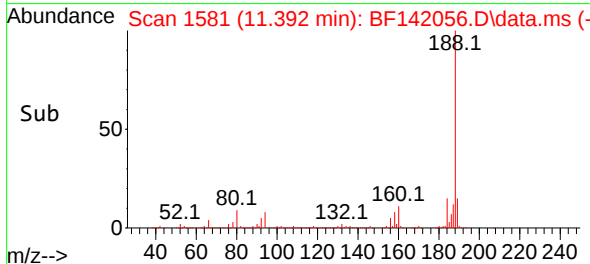
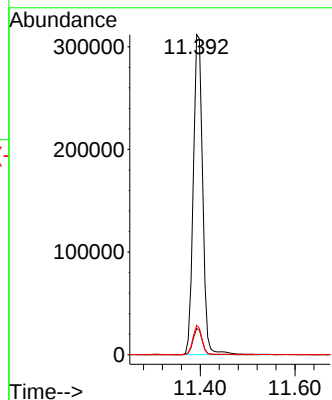
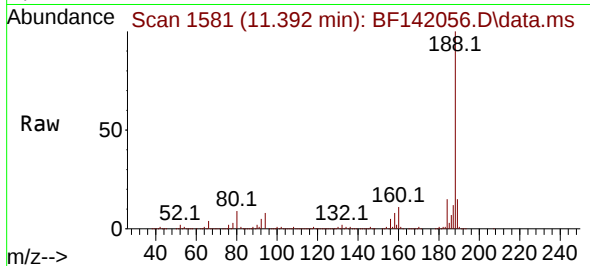




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

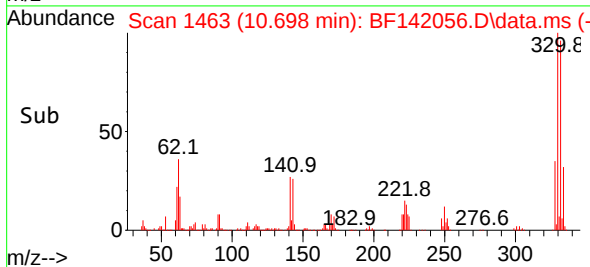
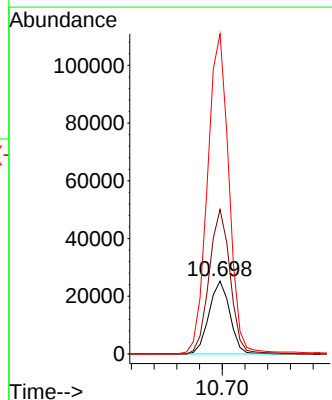
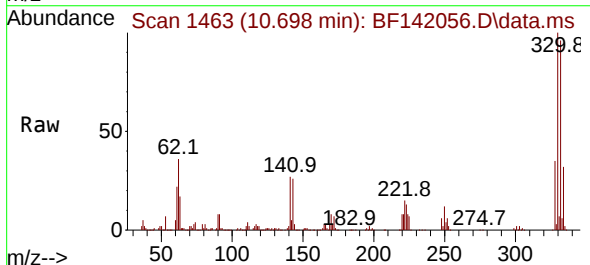
Instrument :
BNA_F
ClientSampleId :

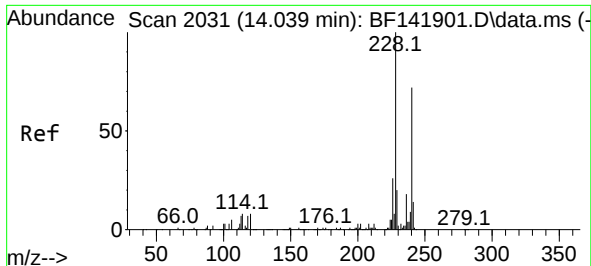
Tgt Ion:188 Resp: 426036
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 6.023 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Tgt Ion:248 Resp: 32227
Ion Ratio Lower Upper
248 100
250 198.7 77.8 116.8#
141 439.9 62.6 93.8#

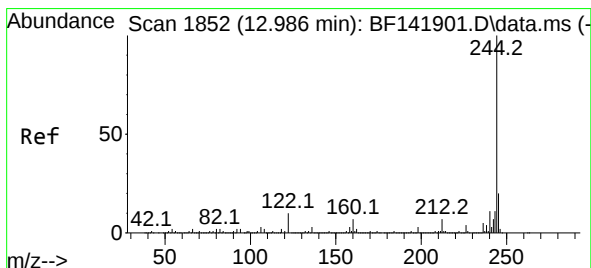
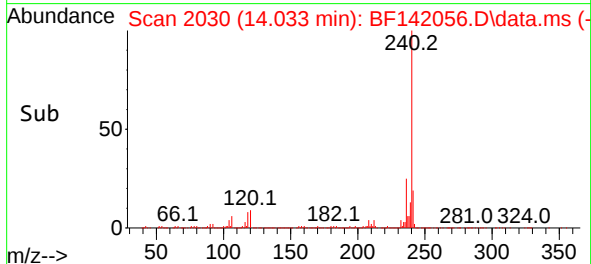
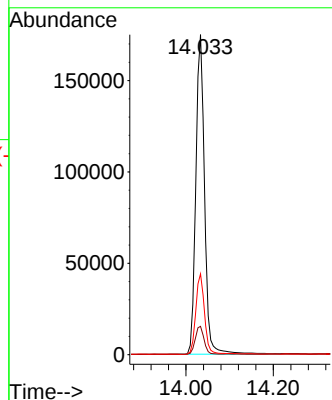
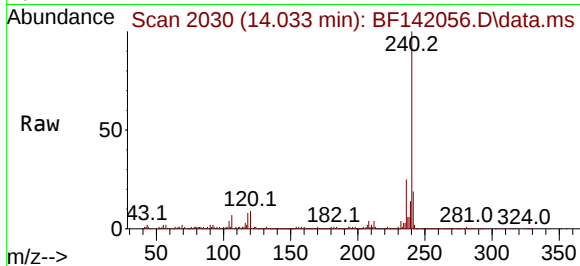




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

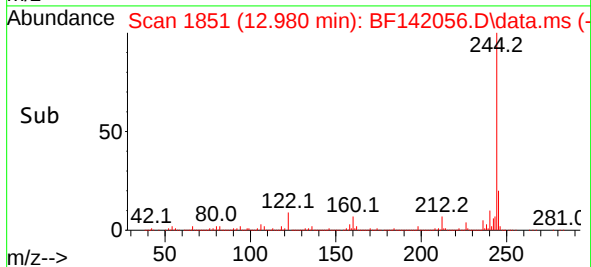
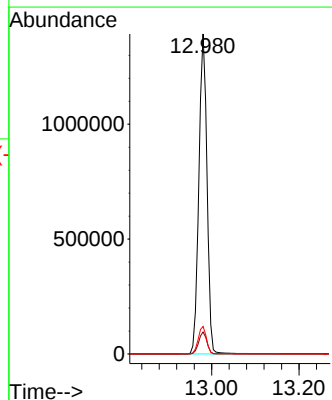
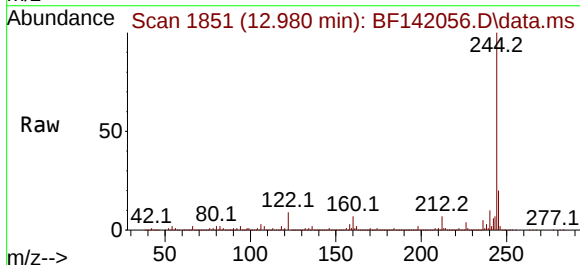
Instrument :
BNA_F
ClientSampleId :

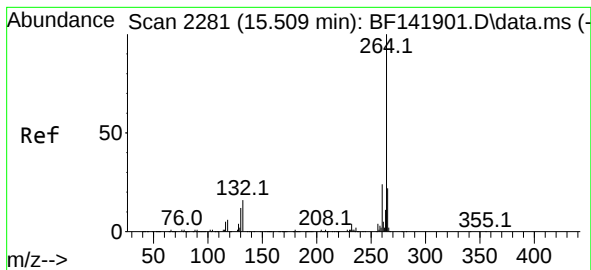
Tgt Ion:240 Resp: 244025
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 109.481 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

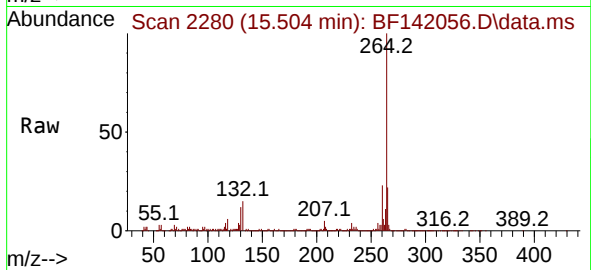
Tgt Ion:244 Resp: 1807029
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142056.D
Acq: 24 Mar 2025 15:55

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 257056
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.7 17.5 26.3

