

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141956.D
 Acq On : 14 Mar 2025 10:40
 Operator : RC/JU
 Sample : PB167113BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167113BL

Quant Time: Mar 14 11:51:05 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)

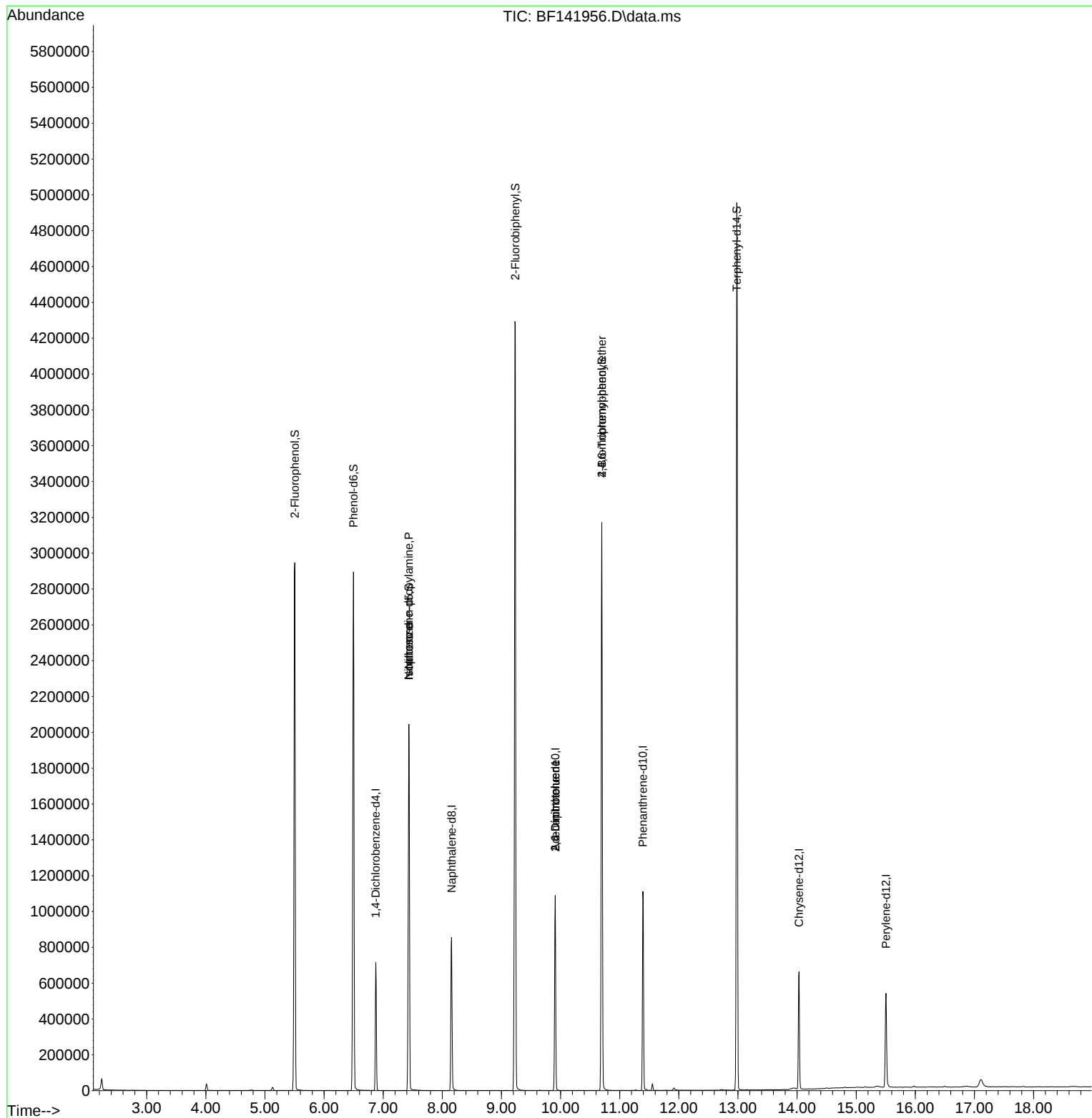
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148925	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	584119	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	336862	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	585800	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	333618	20.000	ng	0.00
86) Perylene-d12	15.504	264	322751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1218735	136.580	ng	0.01
7) Phenol-d6	6.498	99	1492805	131.395	ng	0.00
23) Nitrobenzene-d5	7.434	82	987357	95.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	609701	142.669	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2071781	93.533	ng	0.00
79) Terphenyl-d14	12.980	244	2551856	113.087	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	137538	18.840	ng	# 77
25) Isophorone	7.434	82	967056	52.708	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	42151	8.582	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	42151	6.571	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	37900	5.152	ng	# 1

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

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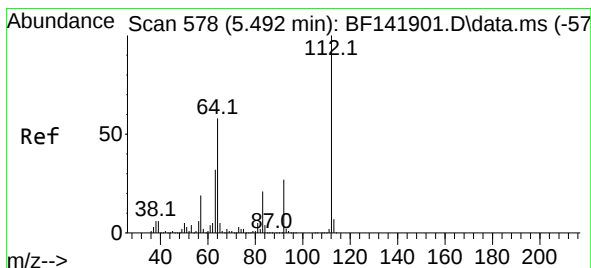
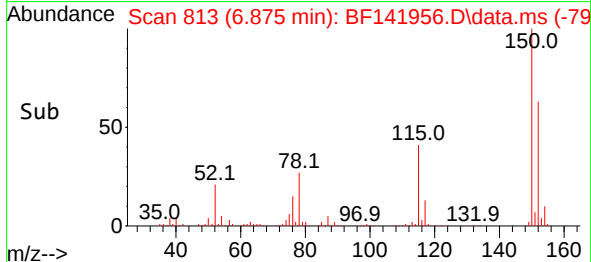
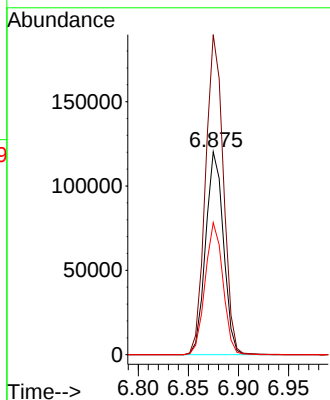
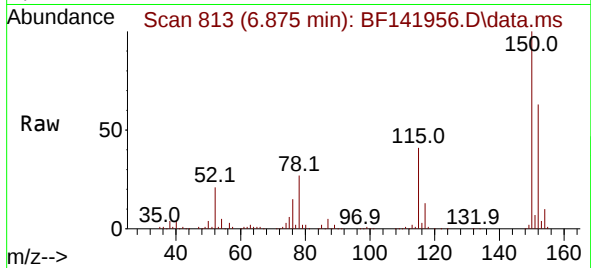




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

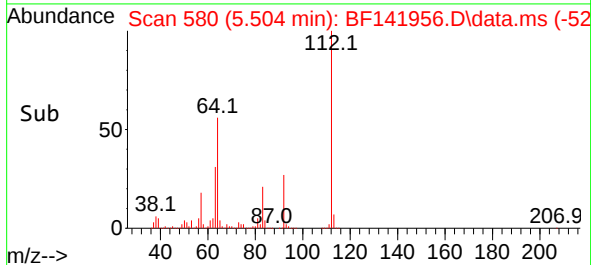
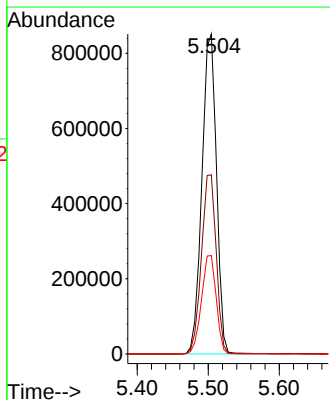
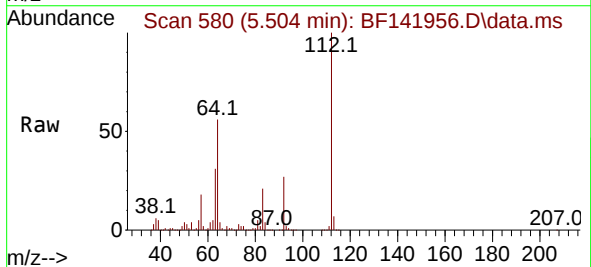
Instrument :
 BNA_F
 ClientSampleId :
 PB167113BL

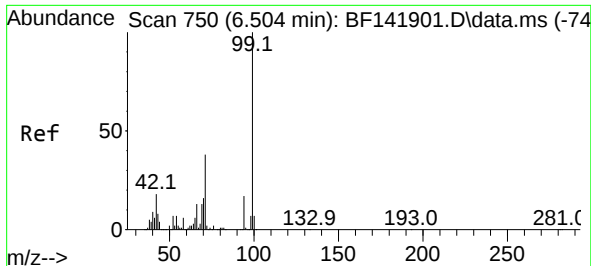
Tgt Ion:152 Resp: 148925
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.4 191.2
 115 65.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 136.580 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

Tgt Ion:112 Resp: 1218735
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.5 69.7
 63 30.8 25.4 38.2



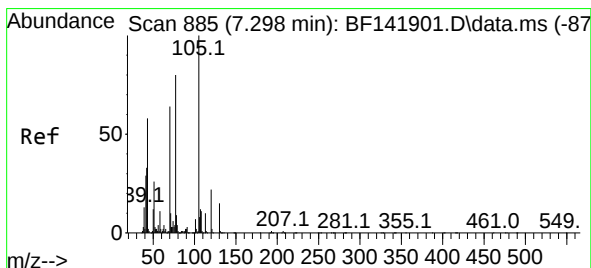
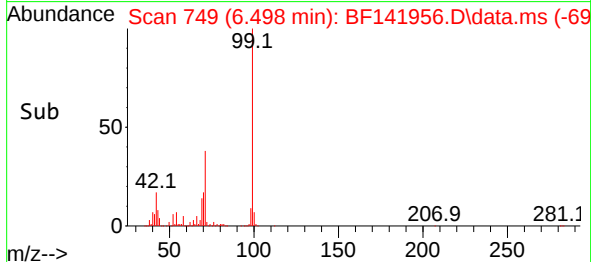
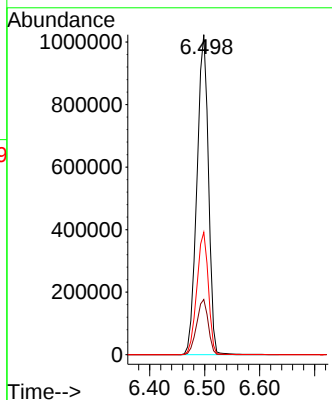
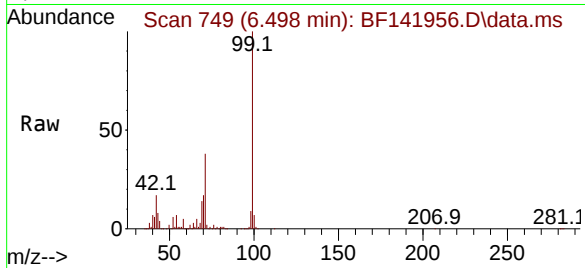


#7
Phenol-d6
Concen: 131.395 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Instrument :
BNA_F
ClientSampleId :
PB167113BL

Tgt Ion: 99 Resp: 1492805

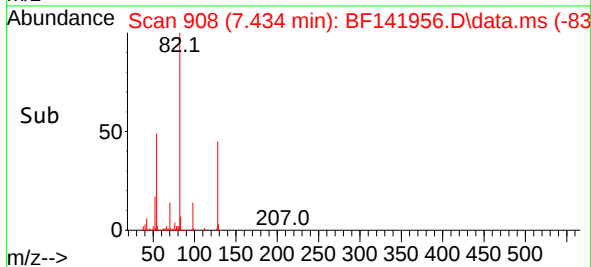
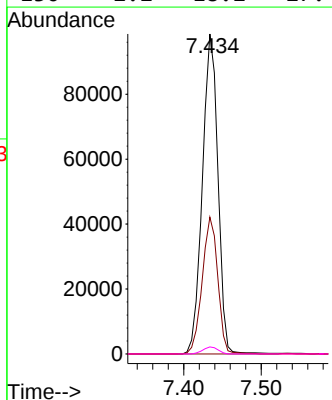
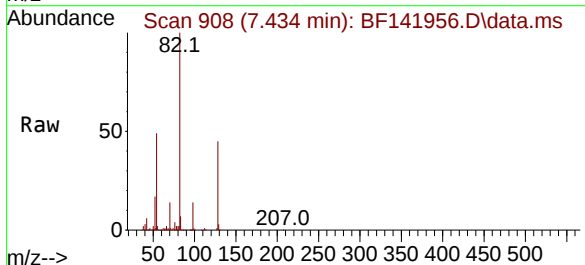
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	38.2	30.8	46.2

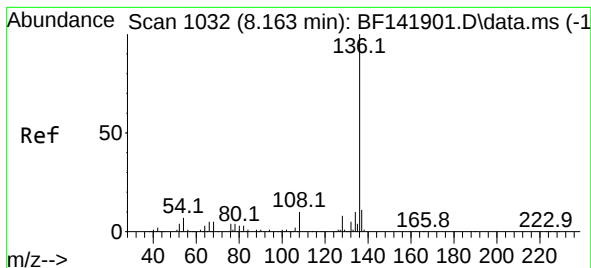


#19
n-Nitroso-di-n-propylamine
Concen: 18.840 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion: 70 Resp: 137538

Ion	Ratio	Lower	Upper
70	100		
42	42.8	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# 1

Delta R.T. -0.006 min

Lab File: BF141956.D

Acq: 14 Mar 2025 10:40

Instrument :

BNA_F

ClientSampleId :

PB167113BL

Tgt Ion:136 Resp: 584119

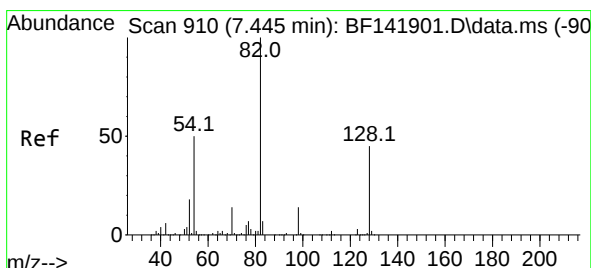
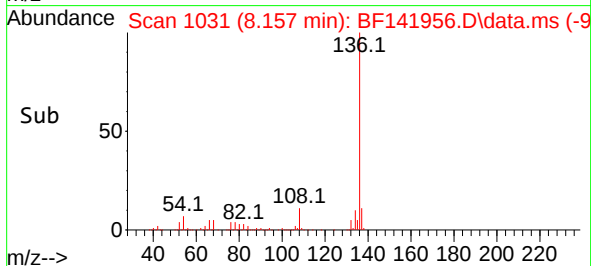
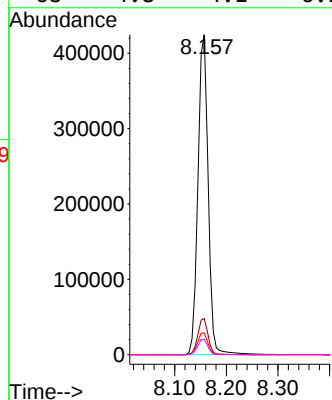
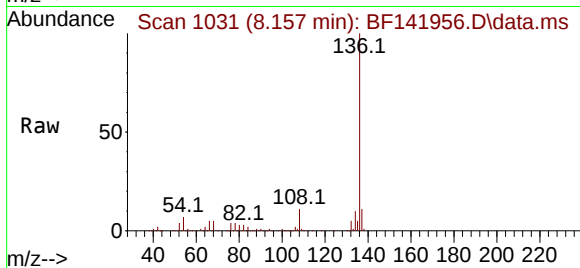
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 6.8 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 95.125 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF141956.D

Acq: 14 Mar 2025 10:40

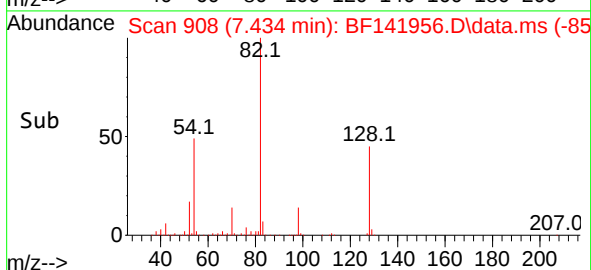
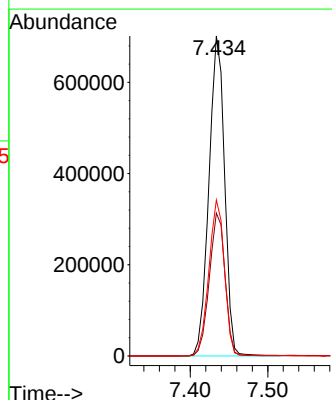
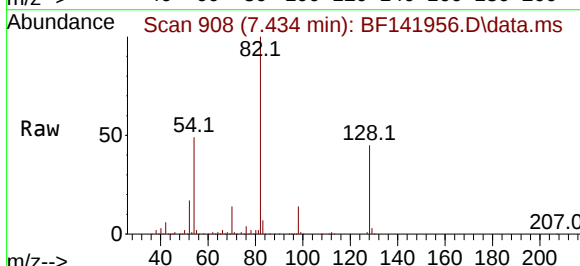
Tgt Ion: 82 Resp: 987357

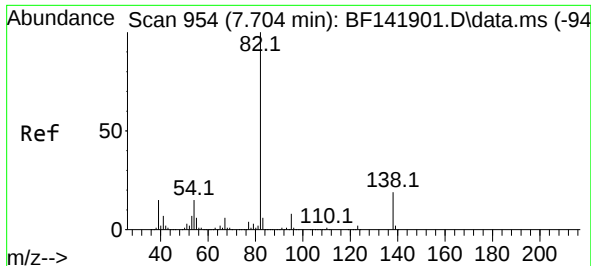
Ion Ratio Lower Upper

82 100

128 44.6 36.0 54.0

54 48.7 39.6 59.4

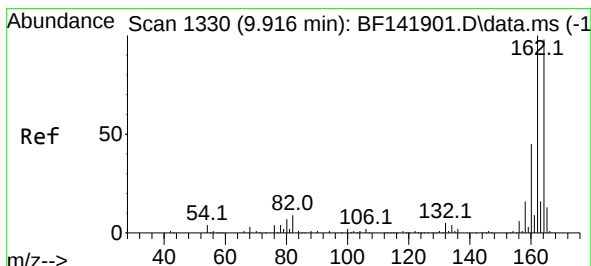
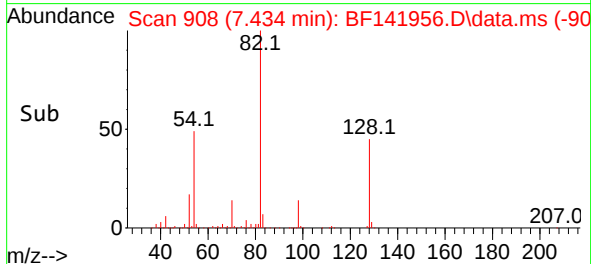
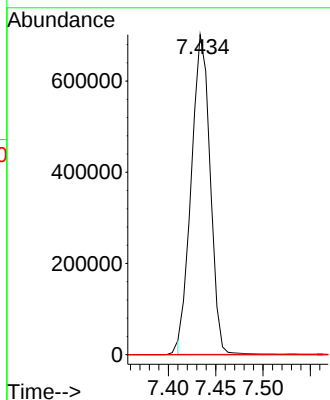
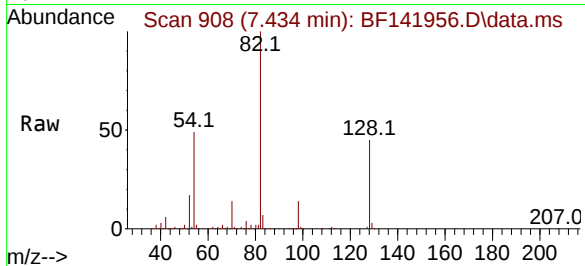




#25
Isophorone
Concen: 52.708 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

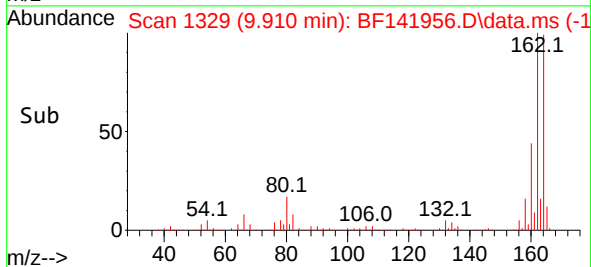
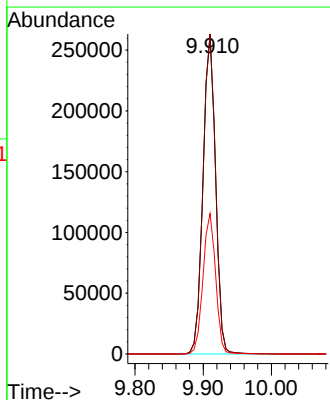
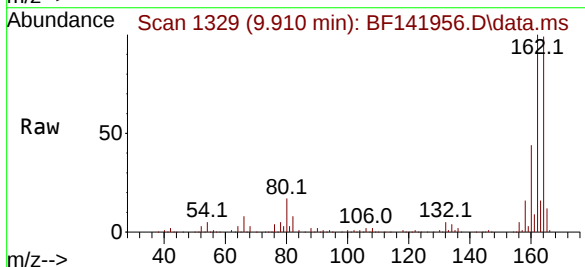
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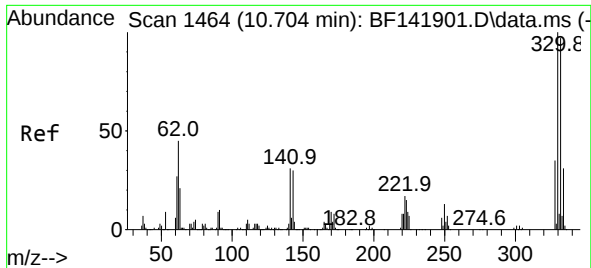
Tgt Ion: 82 Resp: 967056
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:164 Resp: 336862
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 44.2 36.7 55.1

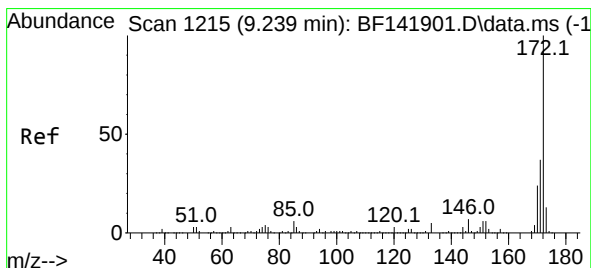
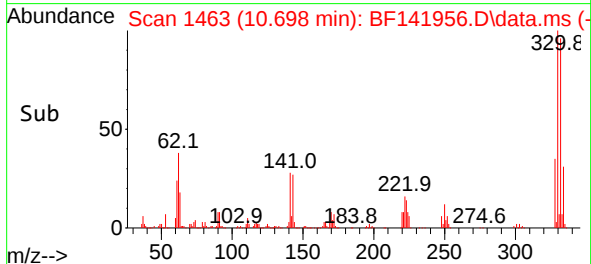
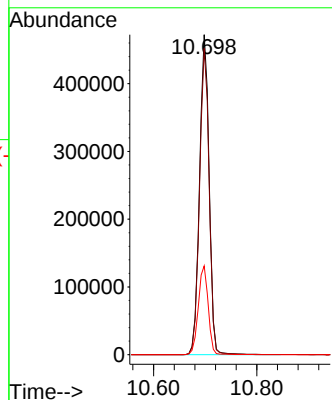
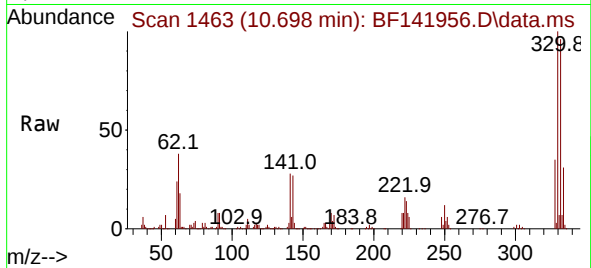




#42
2,4,6-Tribromophenol
Concen: 142.669 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

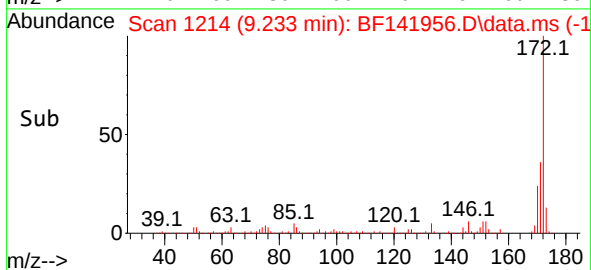
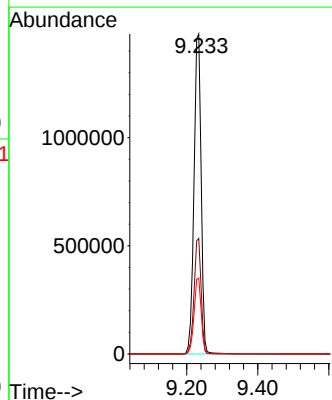
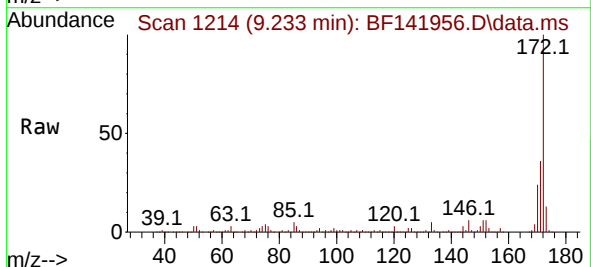
Instrument :
BNA_F
ClientSampleId :
PB167113BL

Tgt Ion:330 Resp: 609701
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.533 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:172 Resp: 2071781
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.7 19.4 29.0

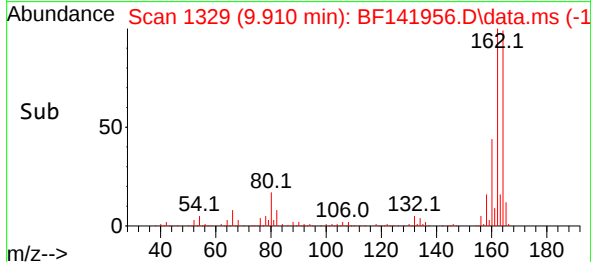
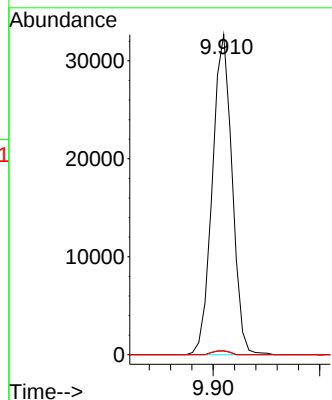
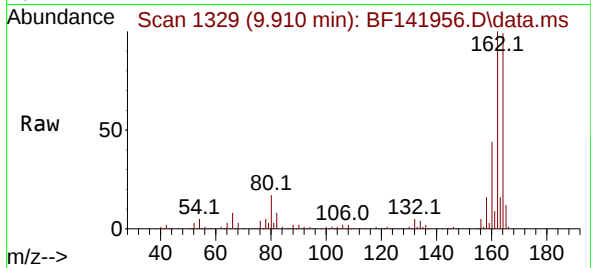




#51
2,6-Dinitrotoluene
Concen: 8.582 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

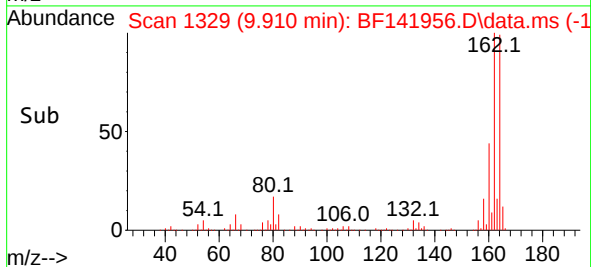
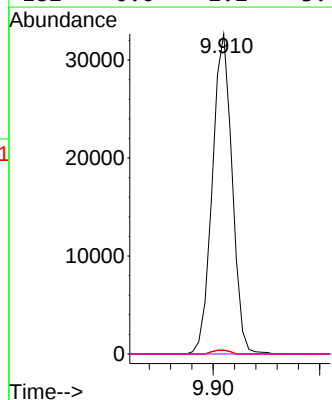
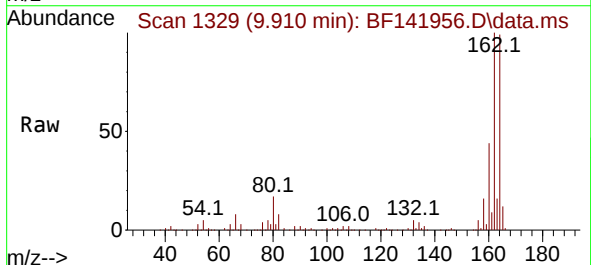
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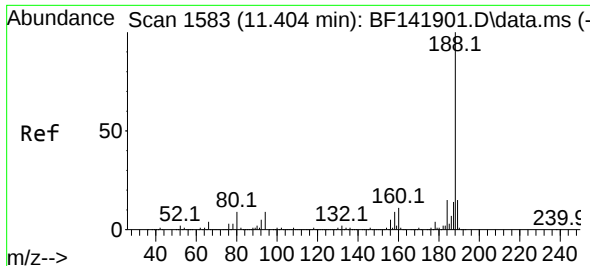
Tgt Ion:165 Resp: 42151
Ion Ratio Lower Upper
165 100
63 1.1 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:165 Resp: 42151
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.2#
89 1.3 56.6 84.8#
182 0.0 2.2 3.4#

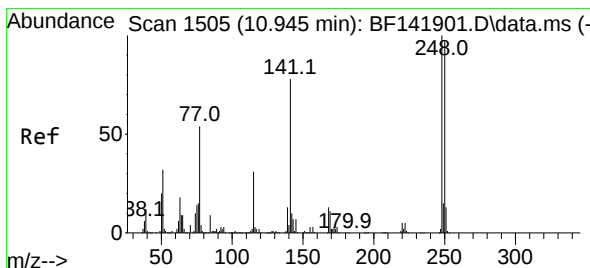
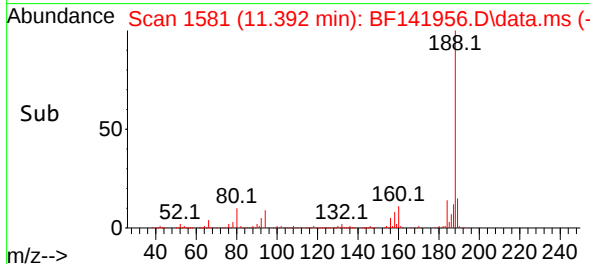
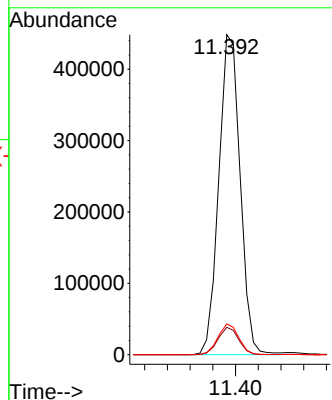
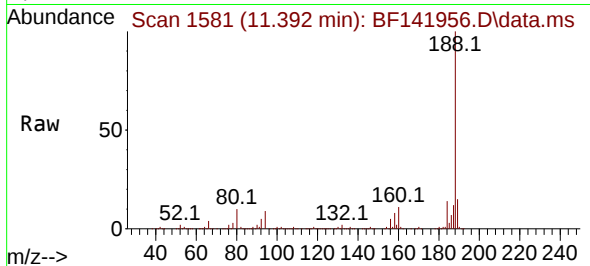




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

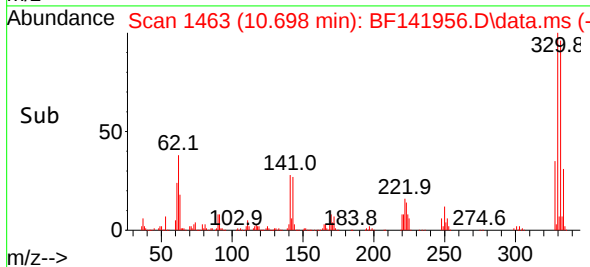
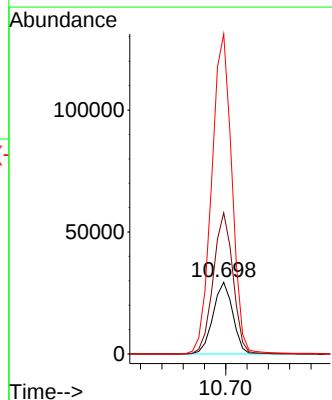
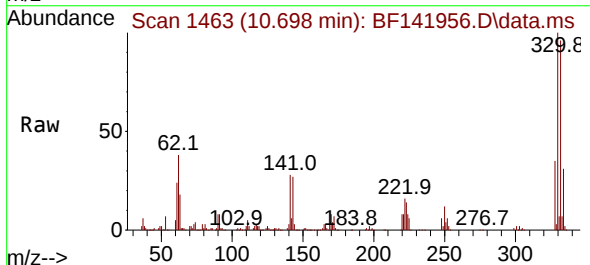
Instrument :
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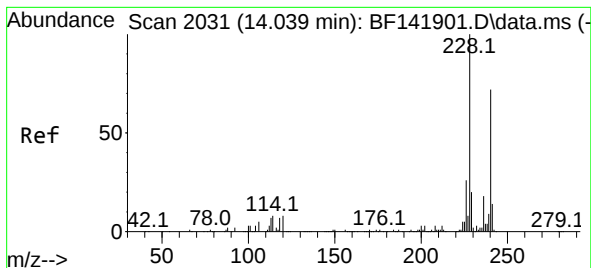
Tgt Ion:188 Resp: 585800
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.152 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:248 Resp: 37900
Ion Ratio Lower Upper
248 100
250 196.9 77.8 116.8#
141 446.4 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: BF141956.D

Acq: 14 Mar 2025 10:40

Instrument :

BNA_F

ClientSampleId :

PB167113BL

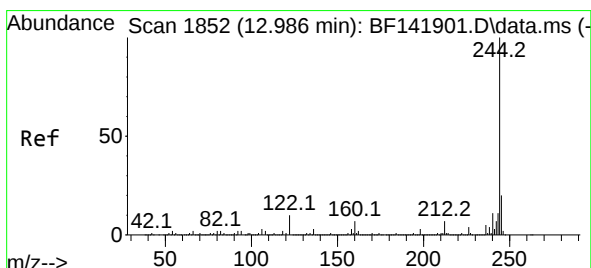
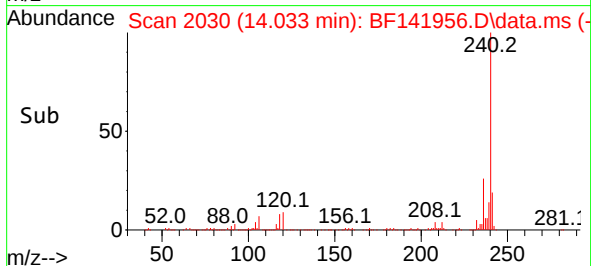
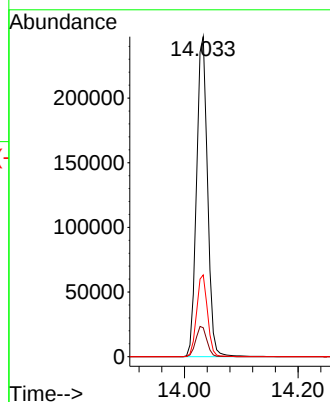
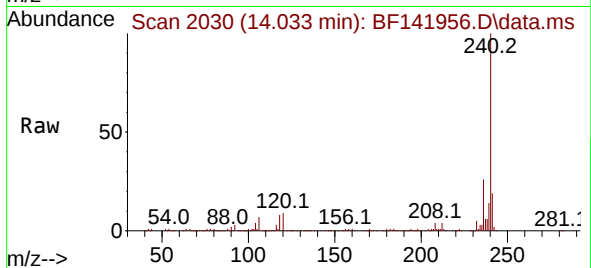
Tgt Ion:240 Resp: 333618

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 113.087 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF141956.D

Acq: 14 Mar 2025 10:40

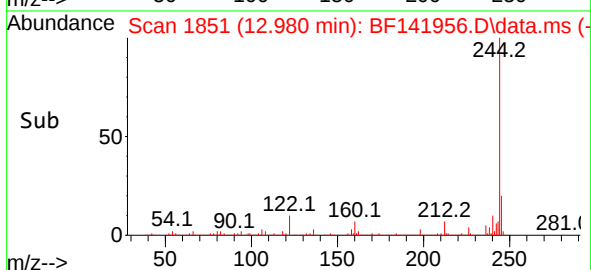
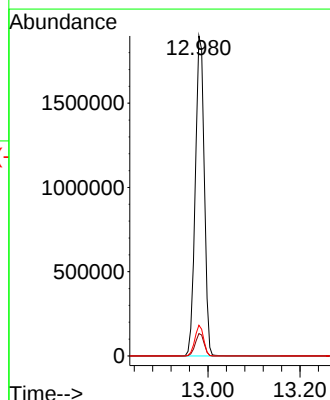
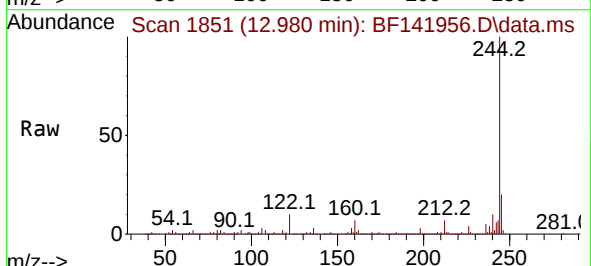
Tgt Ion:244 Resp: 2551856

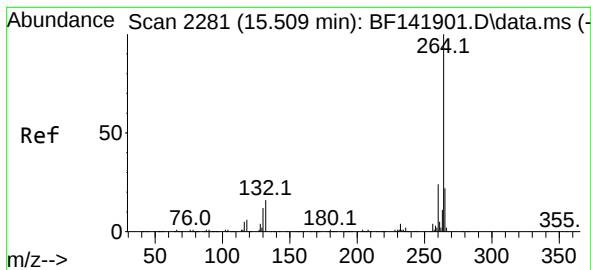
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

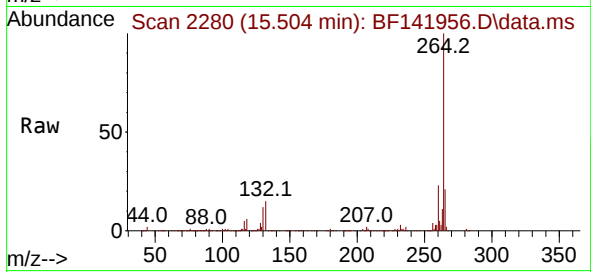
122 9.6 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB167113BL



Tgt Ion:264 Resp: 322751
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.2 17.5 26.3

