

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142071.D
 Acq On : 25 Mar 2025 11:38
 Operator : RC/JU
 Sample : PB167261BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167261BL

Quant Time: Mar 25 11:59:56 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)

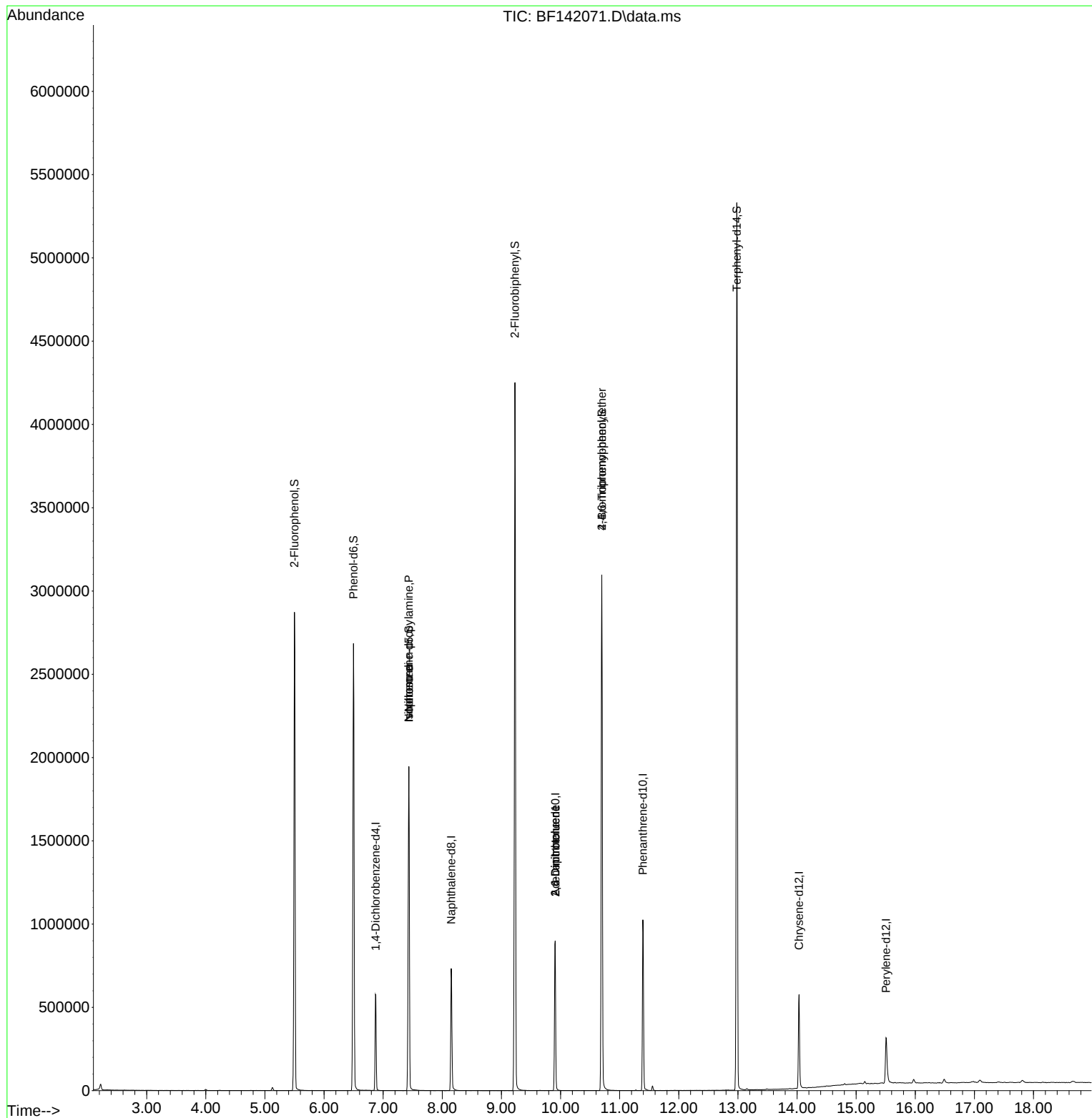
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128759	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	509446	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	294539	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	560108	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	309509	20.000	ng	0.00
86) Perylene-d12	15.504	264	207073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1151489	149.255	ng	0.00
7) Phenol-d6	6.498	99	1392774	141.790	ng	0.00
23) Nitrobenzene-d5	7.434	82	947299	104.643	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	619327	165.745	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1983734	102.427	ng	-0.01
79) Terphenyl-d14	12.980	244	2785149	133.040	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	131882	20.895	ng	# 77
25) Isophorone	7.434	82	940508	58.774	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	37454	8.721	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	37454	6.677	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	37610	5.347	ng	# 1

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

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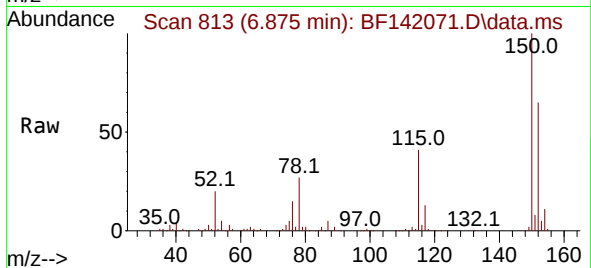
Quant Time: Mar 25 11:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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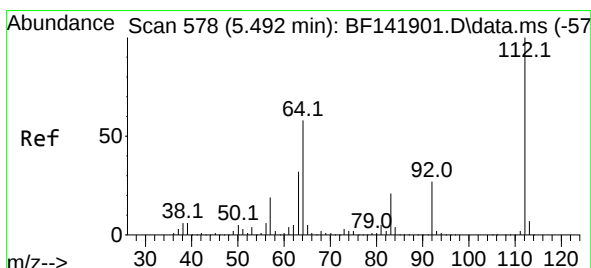
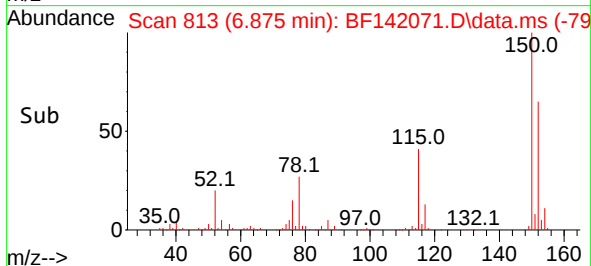
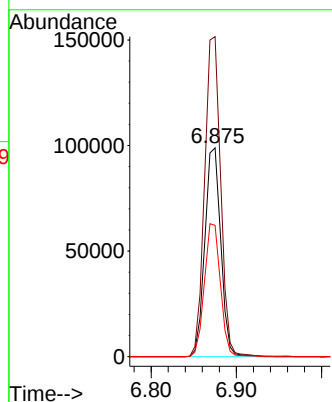


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Instrument :
BNA_F
ClientSampleId :
PB167261BL

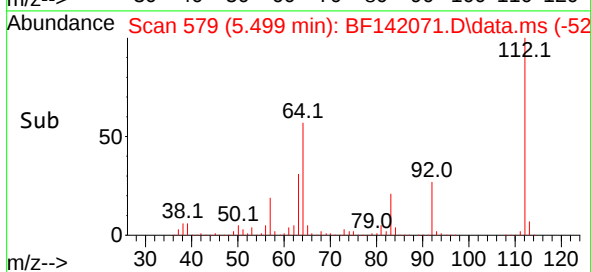
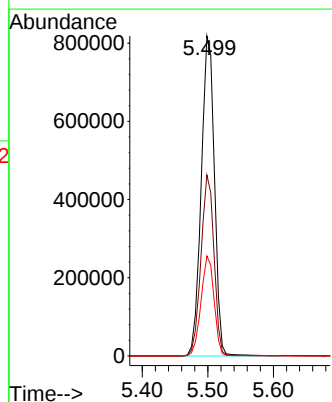
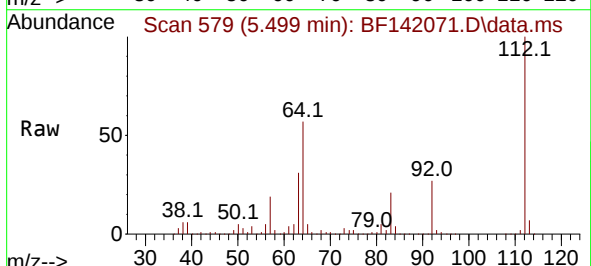


Tgt Ion:152 Resp: 128759
Ion Ratio Lower Upper
152 100
150 153.2 127.4 191.2
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 149.255 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:112 Resp: 1151489
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 31.2 25.4 38.2

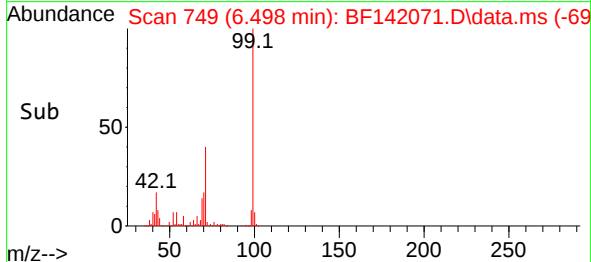
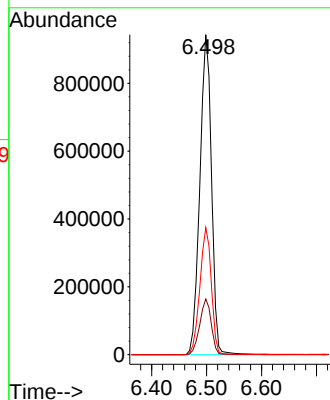
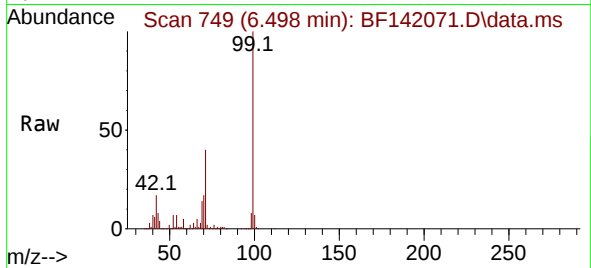




#7
Phenol-d6
Concen: 141.790 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

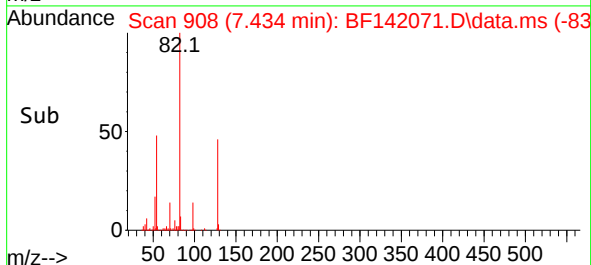
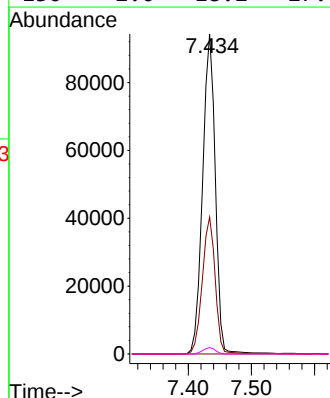
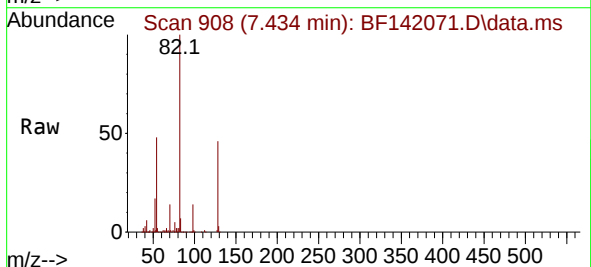
Instrument :
BNA_F
ClientSampleId :
PB167261BL

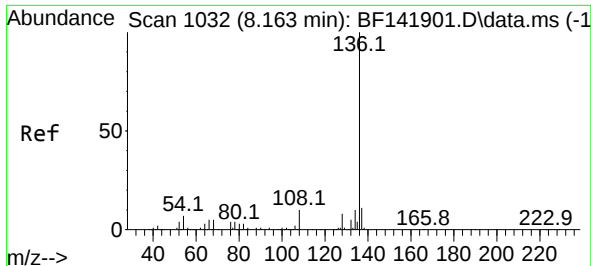
Tgt Ion: 99 Resp: 1392774
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.7 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.895 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion: 70 Resp: 131882
Ion Ratio Lower Upper
70 100
42 42.8 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



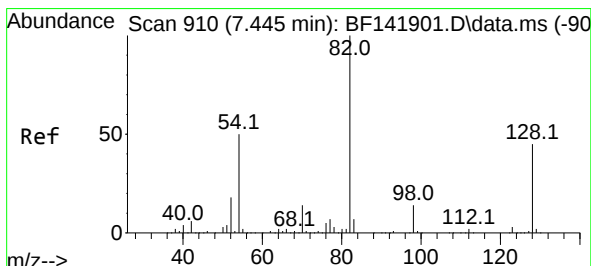
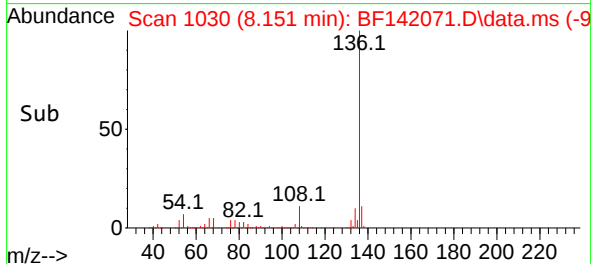
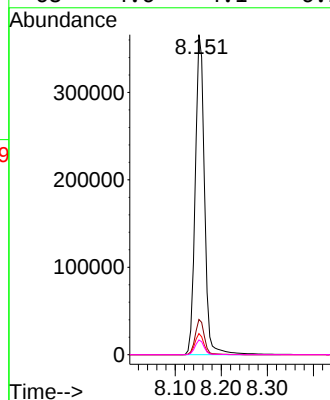
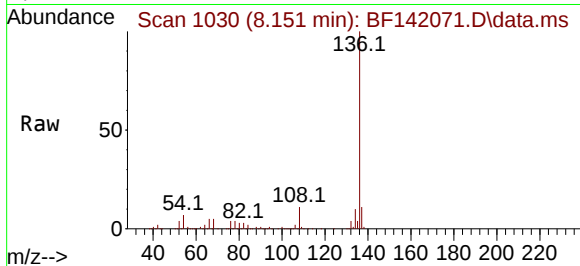


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Instrument :
BNA_F
ClientSampleId :
PB167261BL

Tgt Ion:136 Resp: 509446

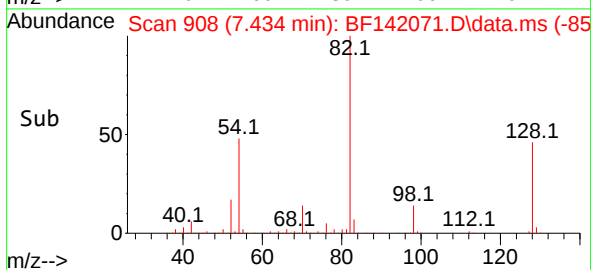
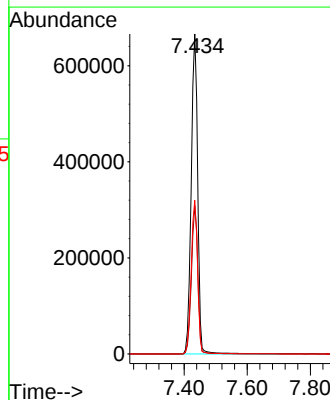
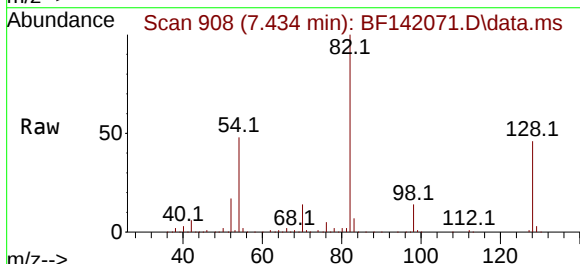
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	4.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 104.643 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion: 82 Resp: 947299

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.0	54.0
54	48.0	39.6	59.4

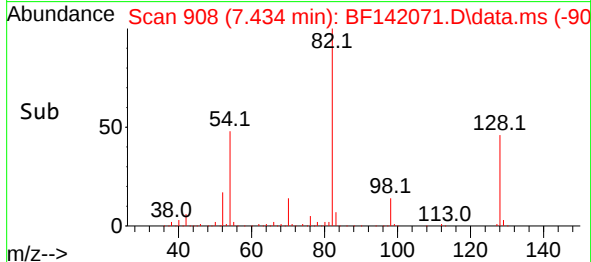
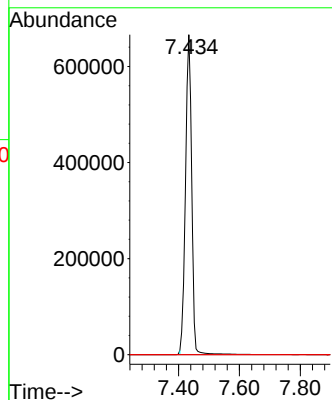
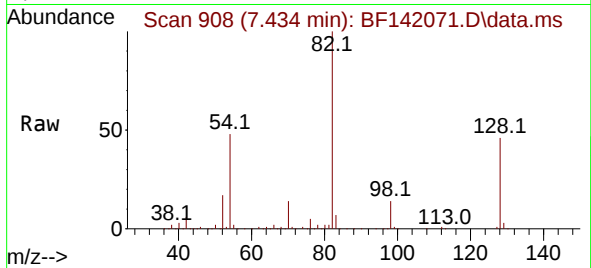




#25
Isophorone
Concen: 58.774 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

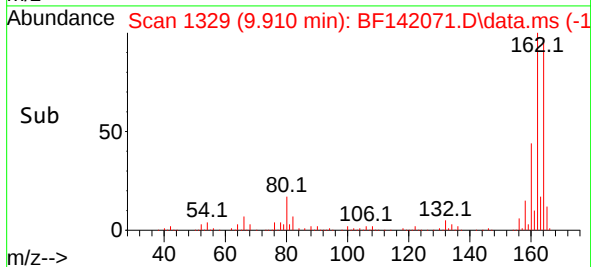
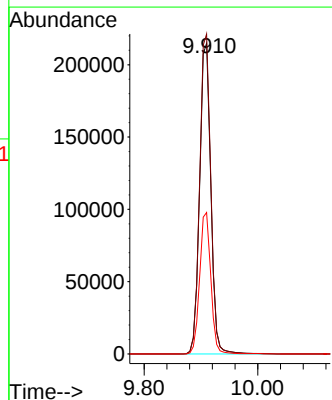
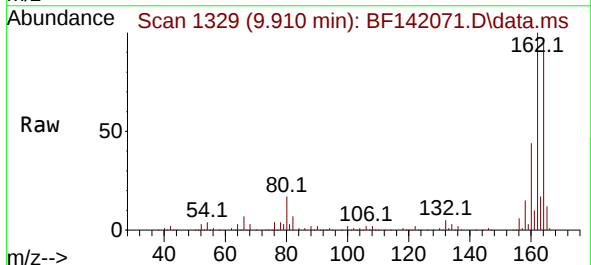
Instrument :
BNA_F
ClientSampleId :
PB167261BL

Tgt Ion: 82 Resp: 940508
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: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:164 Resp: 294539
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 165.745 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142071.D

Acq: 25 Mar 2025 11:38

Instrument :

BNA_F

ClientSampleId :

PB167261BL

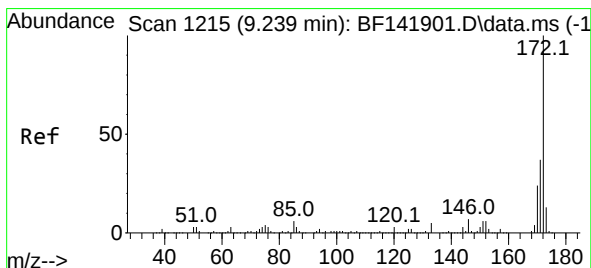
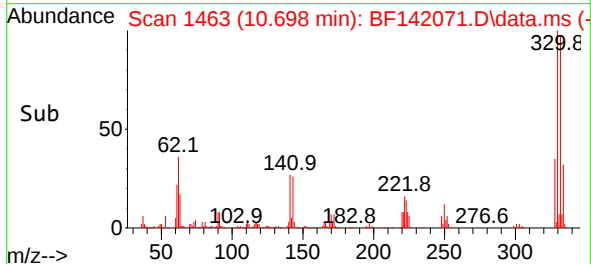
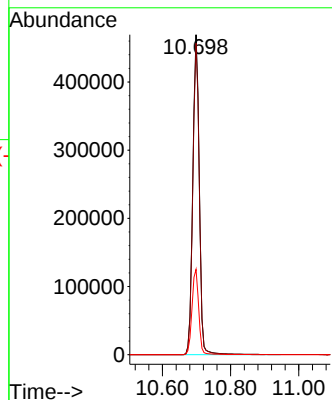
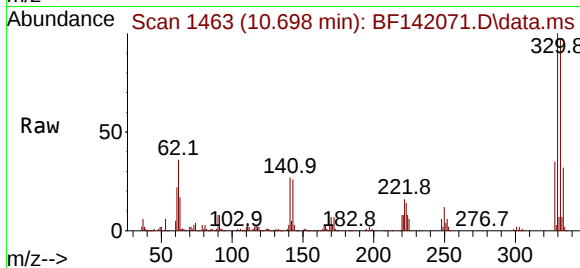
Tgt Ion:330 Resp: 619327

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 27.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 102.427 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142071.D

Acq: 25 Mar 2025 11:38

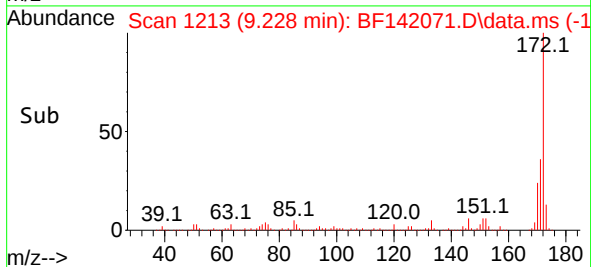
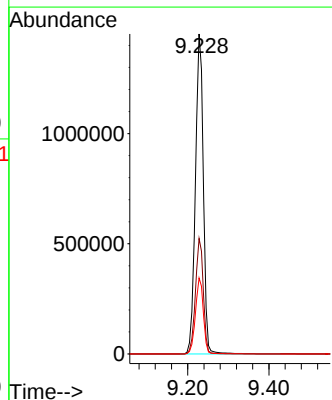
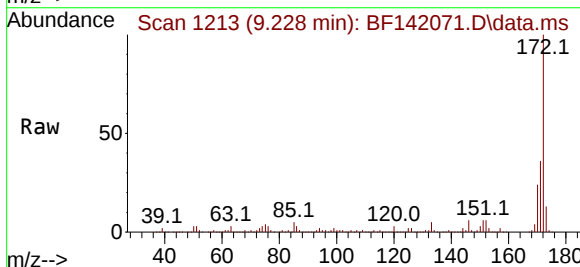
Tgt Ion:172 Resp: 1983734

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.7 19.4 29.0

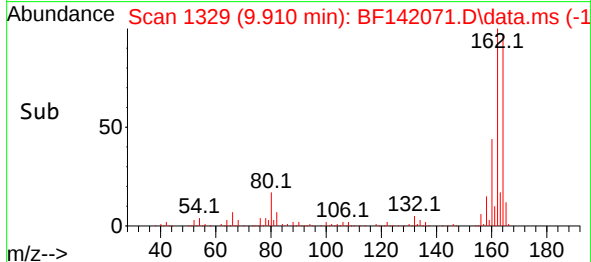
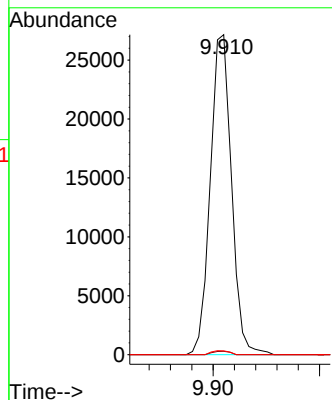
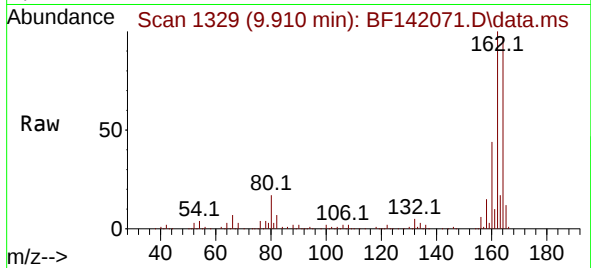




#51
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

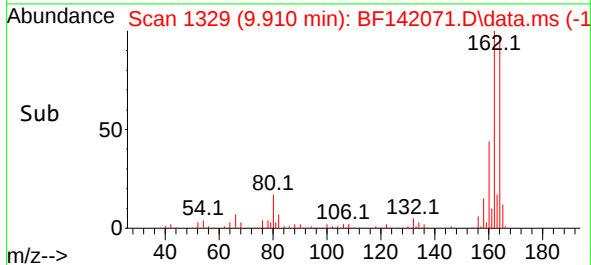
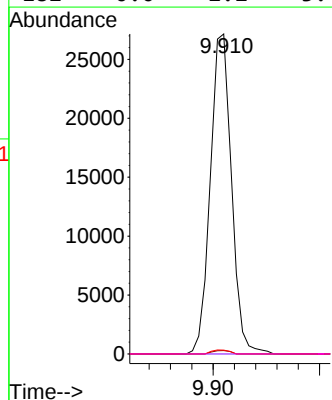
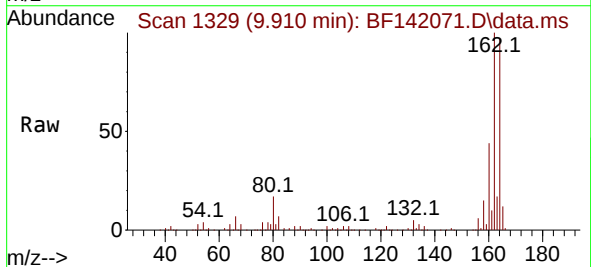
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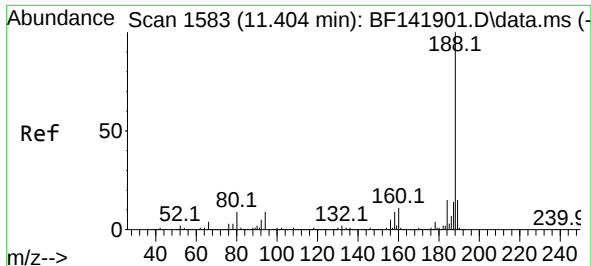
Tgt Ion:165 Resp: 37454
Ion Ratio Lower Upper
165 100
63 1.1 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.677 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:165 Resp: 37454
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.2#
89 1.2 56.6 84.8#
182 0.0 2.2 3.4#

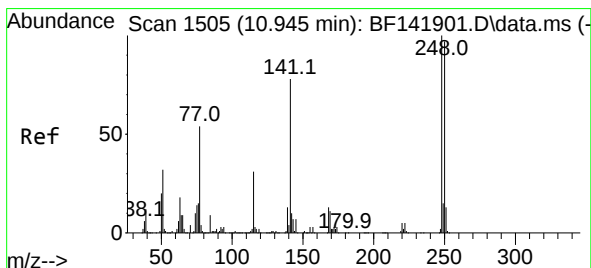
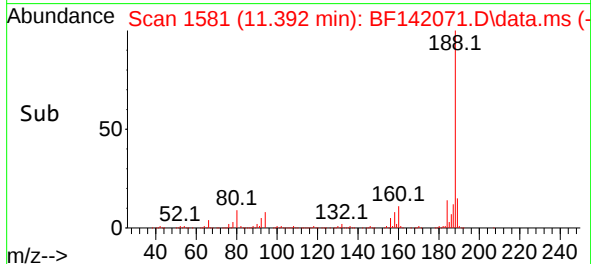
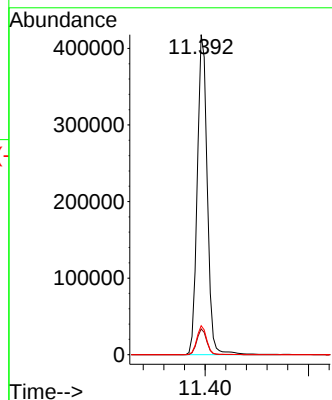
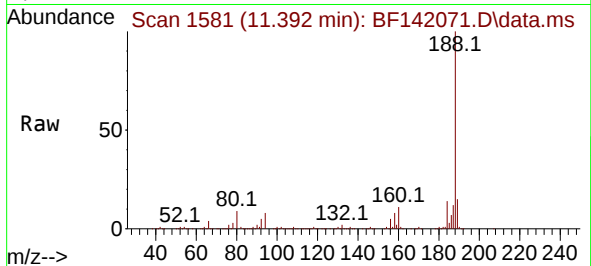




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

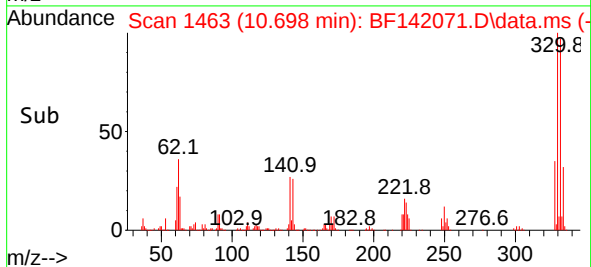
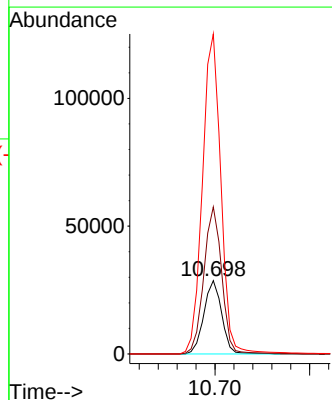
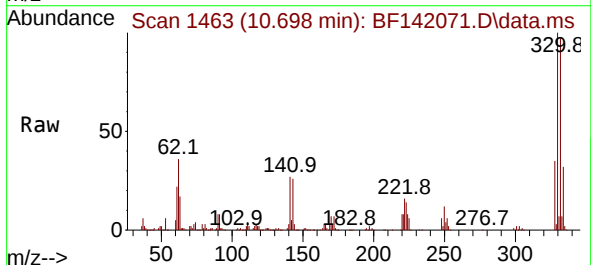
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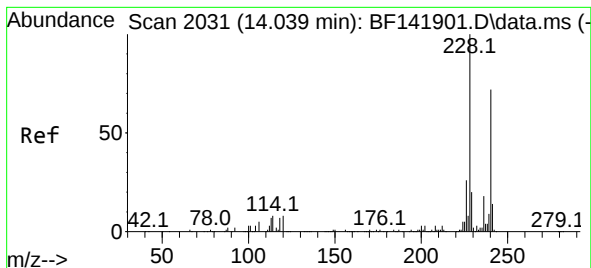
Tgt Ion:188 Resp: 560108
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.347 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:248 Resp: 37610
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.8#
141 436.8 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: BF142071.D

Acq: 25 Mar 2025 11:38

Instrument :

BNA_F

ClientSampleId :

PB167261BL

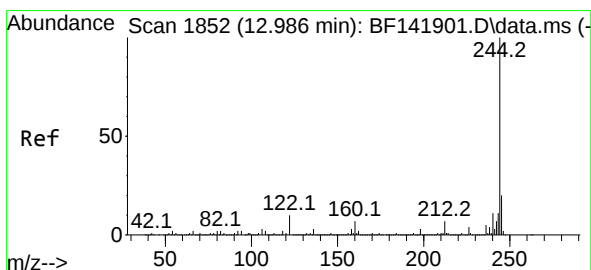
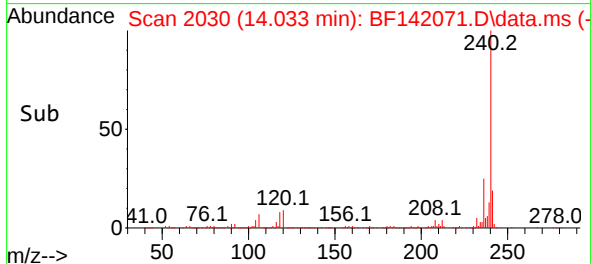
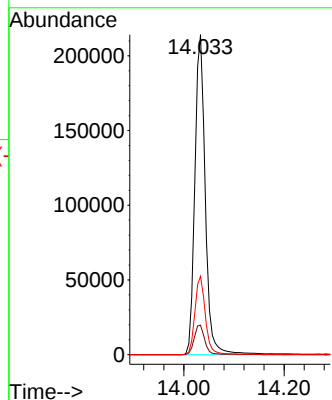
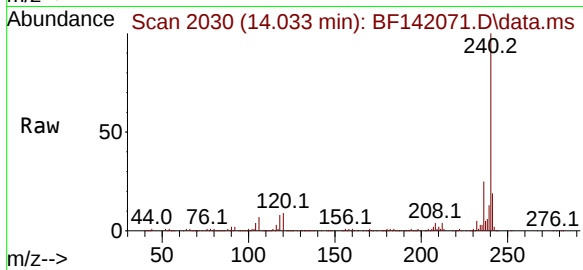
Tgt Ion:240 Resp: 309509

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 24.5 20.5 30.7



#79

Terphenyl-d14

Concen: 133.040 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142071.D

Acq: 25 Mar 2025 11:38

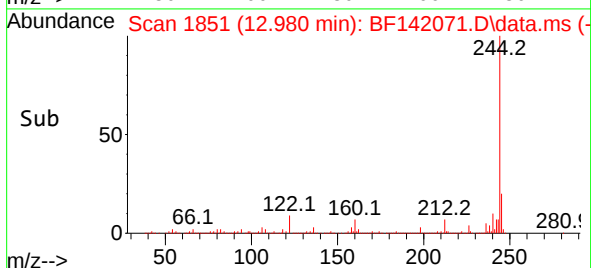
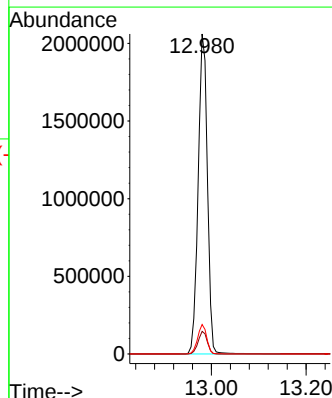
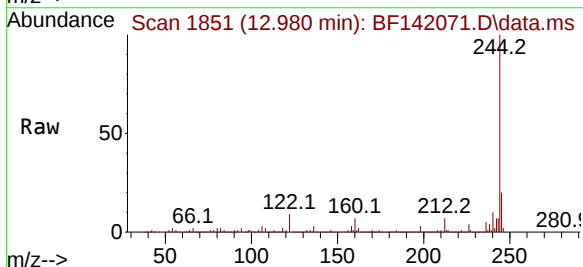
Tgt Ion:244 Resp: 2785149

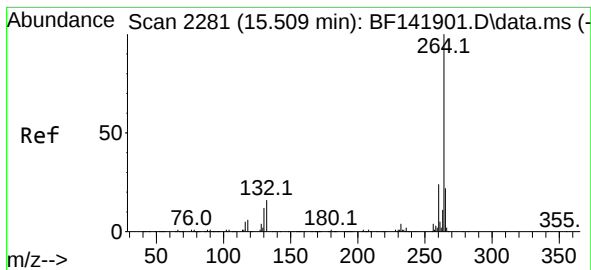
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.2 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: BF142071.D

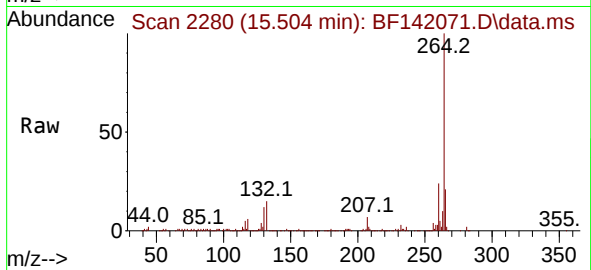
Acq: 25 Mar 2025 11:38

Instrument :

BNA_F

ClientSampleId :

PB167261BL



Tgt Ion:264 Resp: 207073

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.0 17.5 26.3

