

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142010.D
 Acq On : 20 Mar 2025 14:32
 Operator : RC/JU
 Sample : PB167206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167206BL

Quant Time: Mar 20 14:56:37 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)

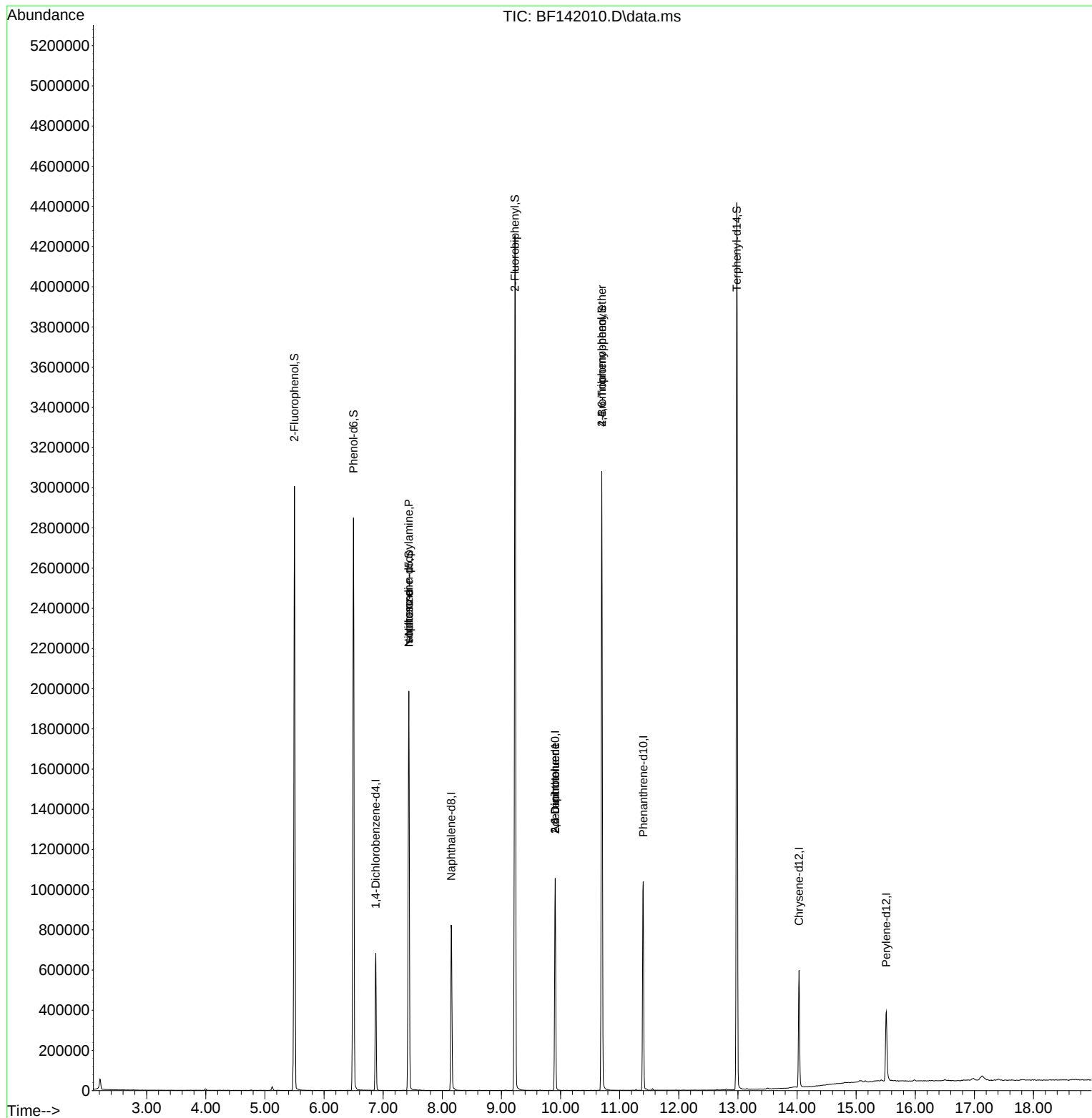
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	145158	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	569678	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	322804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	554478	20.000	ng	0.00
76) Chrysene-d12	14.033	240	299546	20.000	ng	0.00
86) Perylene-d12	15.510	264	241593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1180567	135.736	ng	0.00
7) Phenol-d6	6.498	99	1443467	130.349	ng	0.00
23) Nitrobenzene-d5	7.434	82	947553	93.604	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	575577	140.549	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1996481	94.059	ng	-0.01
79) Terphenyl-d14	12.980	244	2241764	110.646	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	131249	18.445	ng	# 77
25) Isophorone	7.434	82	937156	52.373	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	41349	8.785	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	41349	6.726	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	36707	5.271	ng	# 1

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

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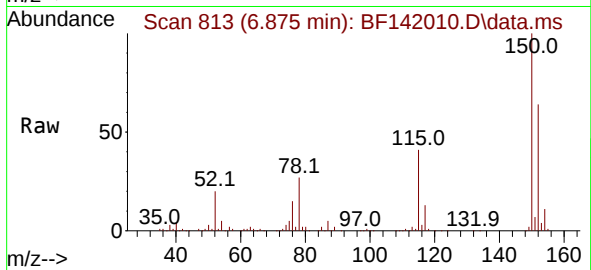
Quant Time: Mar 20 14:56:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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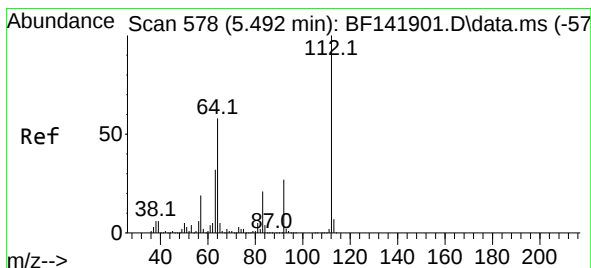
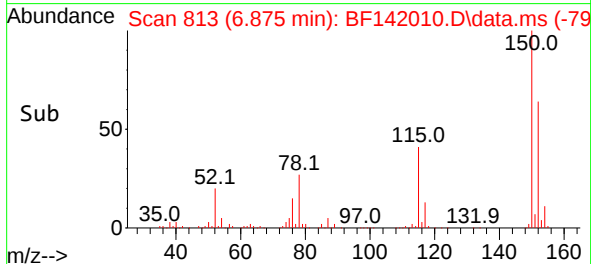
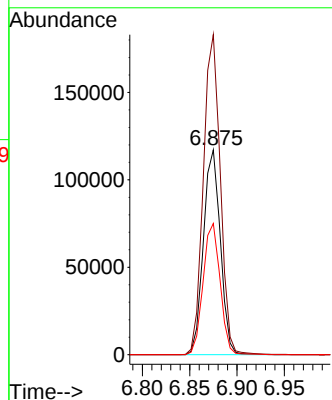


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Instrument :
BNA_F
ClientSampleId :
PB167206BL

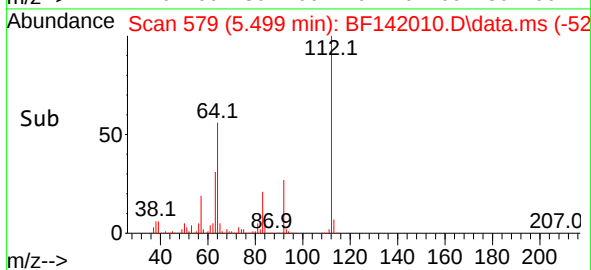
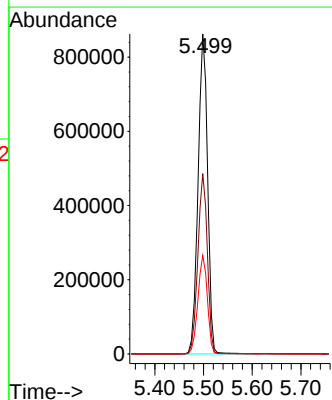
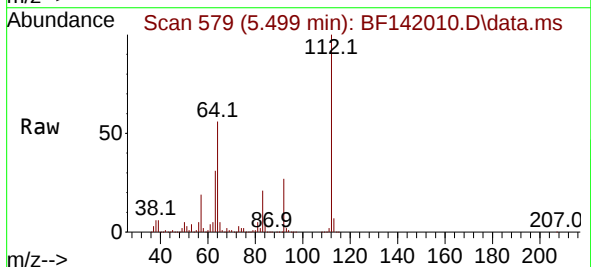


Tgt Ion:152 Resp: 145158
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.1 51.9 77.9



#5
2-Fluorophenol
Concen: 135.736 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

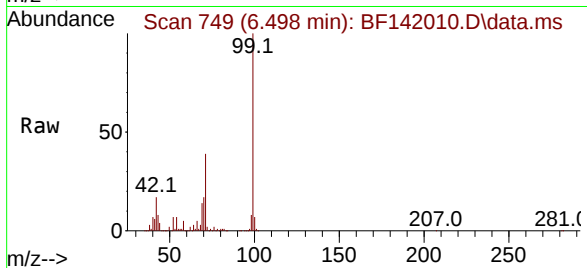
Tgt Ion:112 Resp: 1180567
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 30.9 25.4 38.2





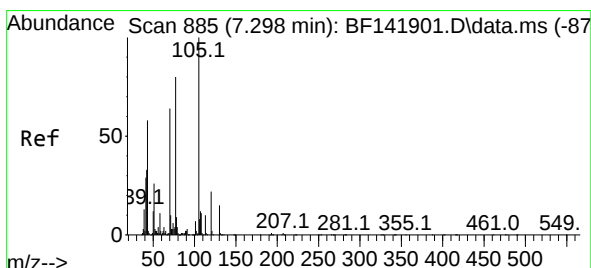
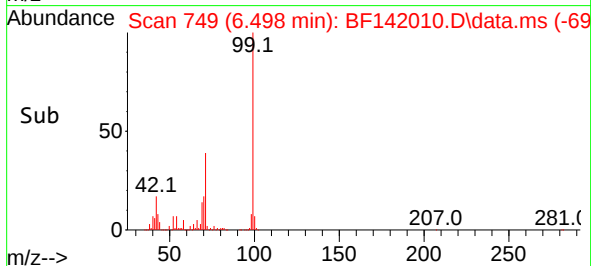
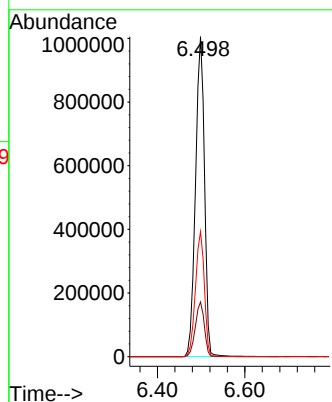
#7
Phenol-d6
Concen: 130.349 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Instrument :
BNA_F
ClientSampleId :
PB167206BL



Tgt Ion: 99 Resp: 1443467

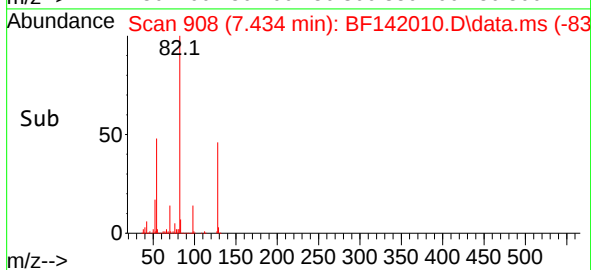
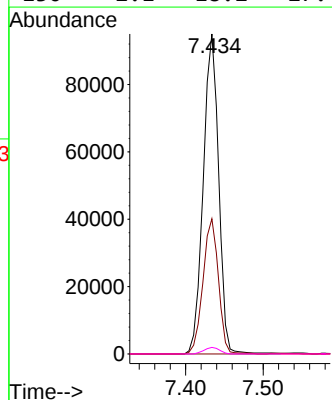
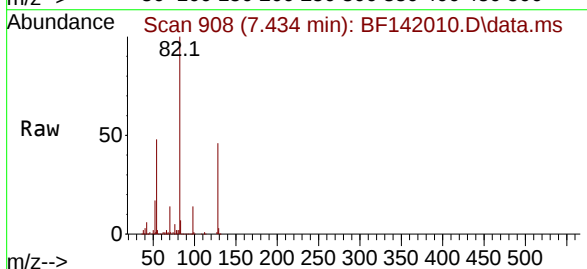
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	39.1	30.8	46.2

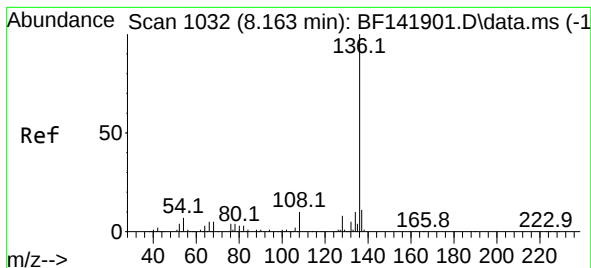


#19
n-Nitroso-di-n-propylamine
Concen: 18.445 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.136 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion: 70 Resp: 131249

Ion	Ratio	Lower	Upper
70	100		
42	42.2	41.4	62.0
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL

Tgt Ion:136 Resp: 569678

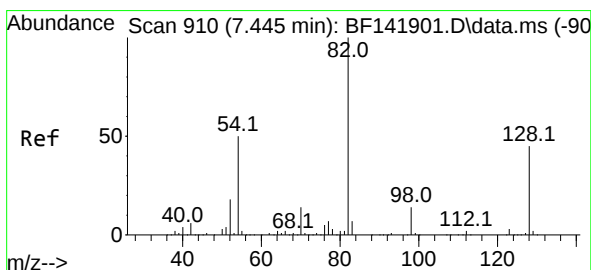
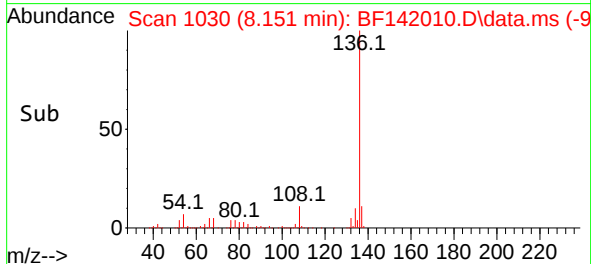
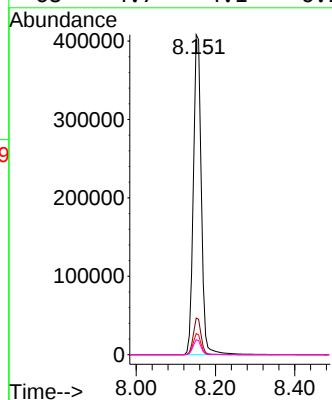
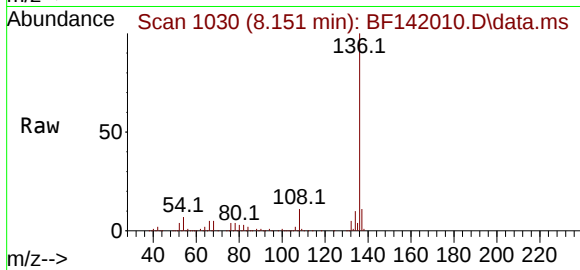
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.6 5.8 8.8

68 4.7 4.1 6.1



#23

Nitrobenzene-d5

Concen: 93.604 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

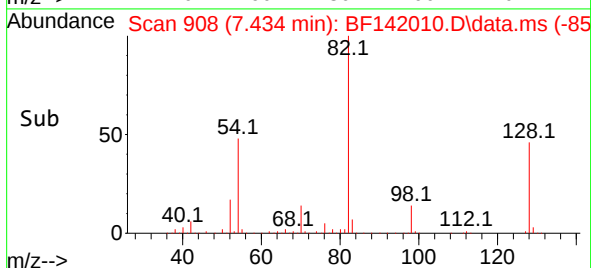
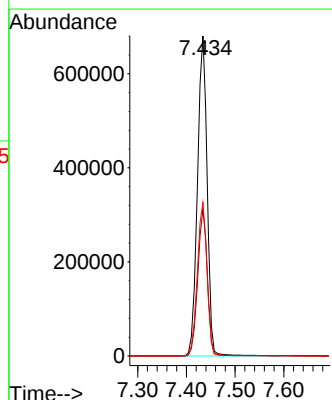
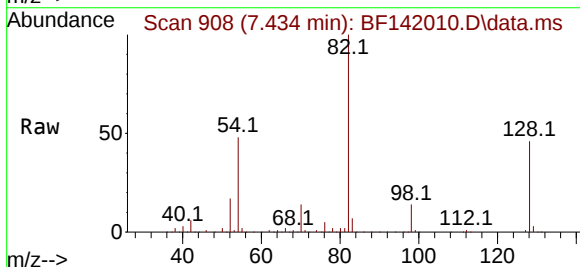
Tgt Ion: 82 Resp: 947553

Ion Ratio Lower Upper

82 100

128 45.8 36.0 54.0

54 48.0 39.6 59.4

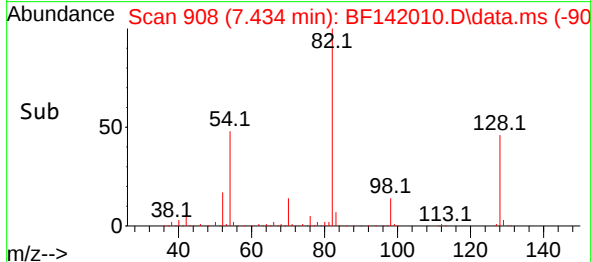
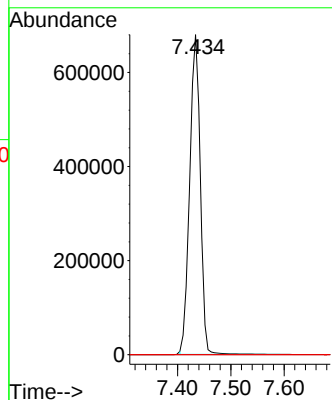
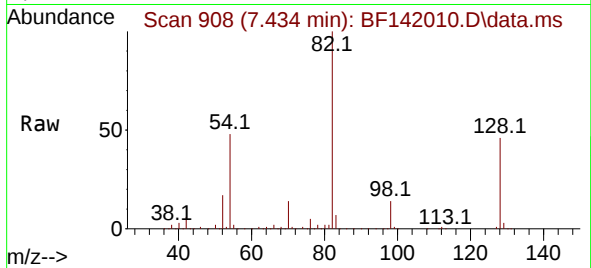




#25
Isophorone
Concen: 52.373 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

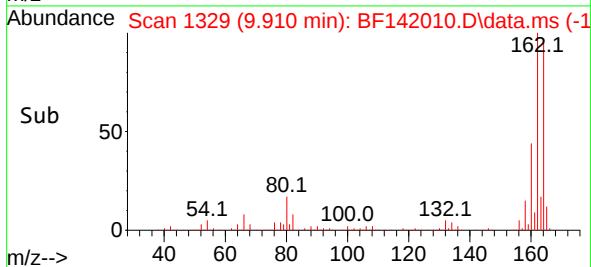
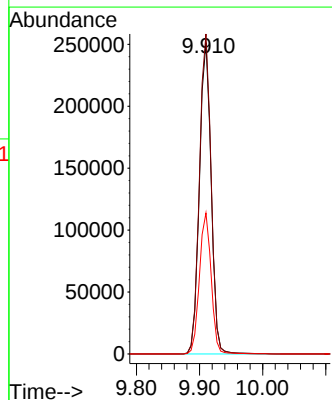
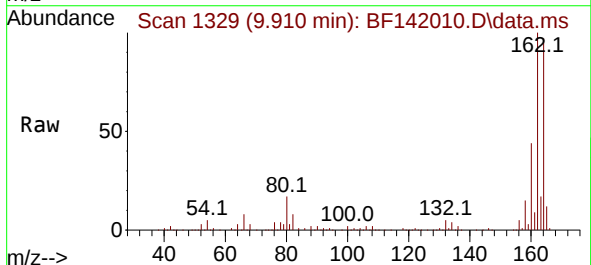
Instrument :
BNA_F
ClientSampleId :
PB167206BL

Tgt Ion: 82 Resp: 937156
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: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:164 Resp: 322804
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 140.549 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL

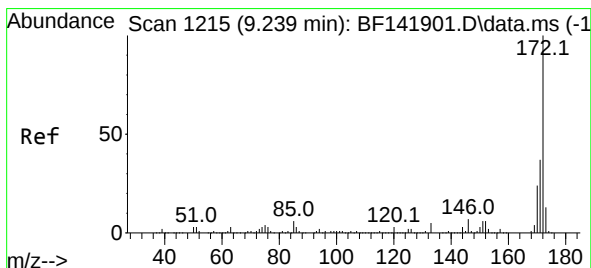
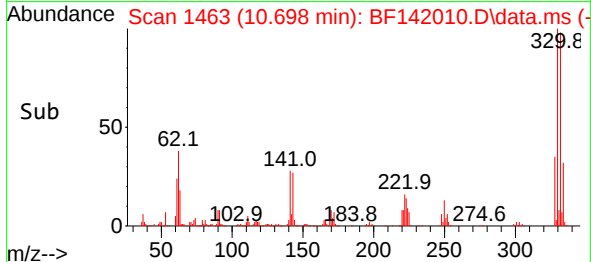
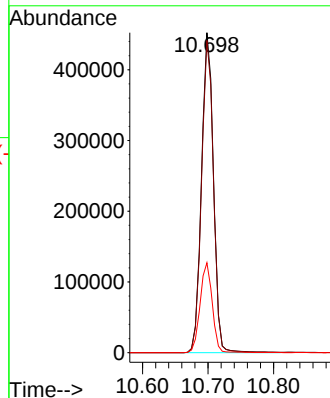
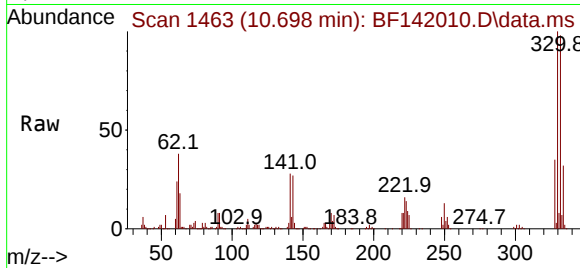
Tgt Ion:330 Resp: 575577

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

141 28.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.059 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

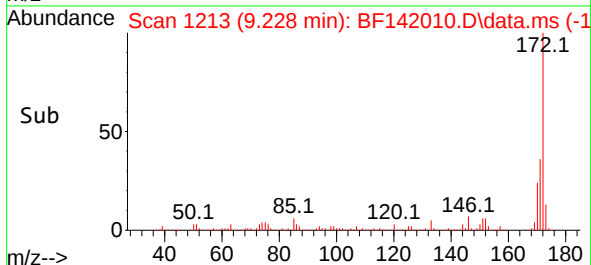
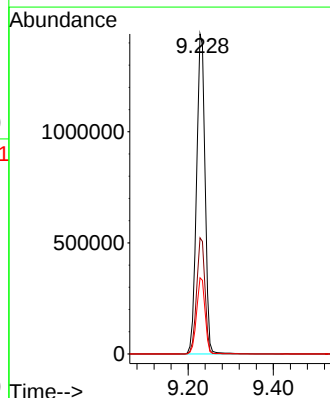
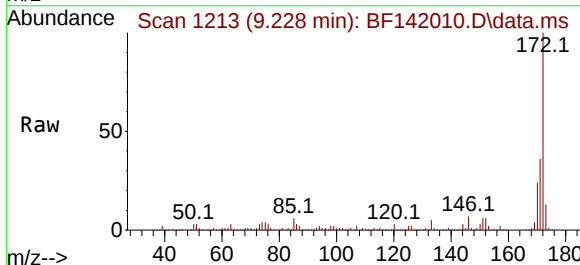
Tgt Ion:172 Resp: 1996481

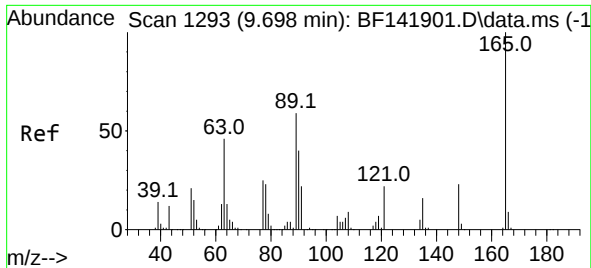
Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 23.8 19.4 29.0

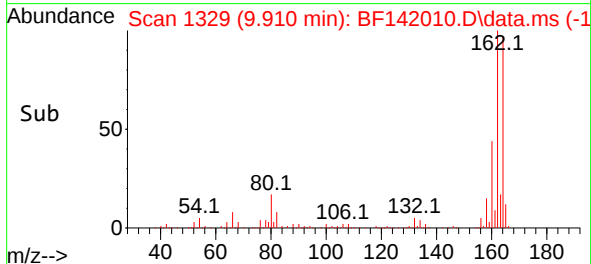
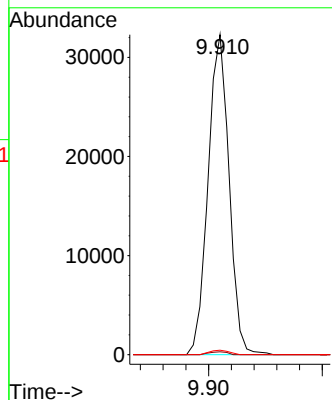
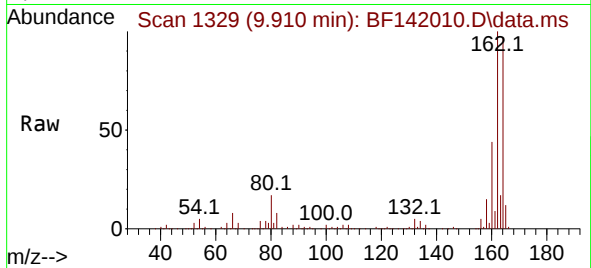




#51
2,6-Dinitrotoluene
Concen: 8.785 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

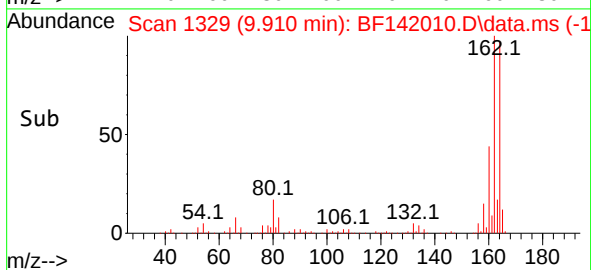
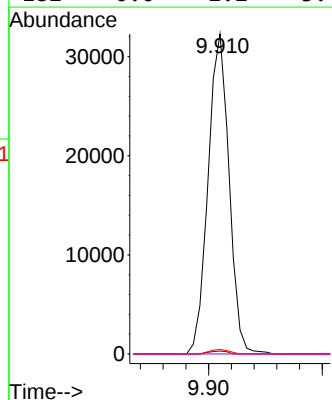
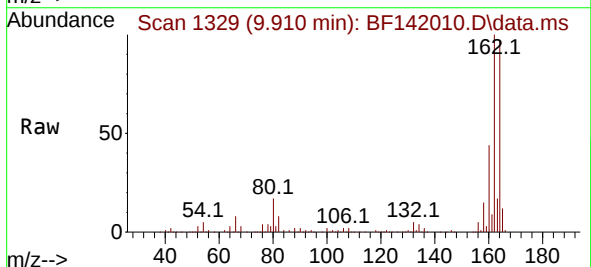
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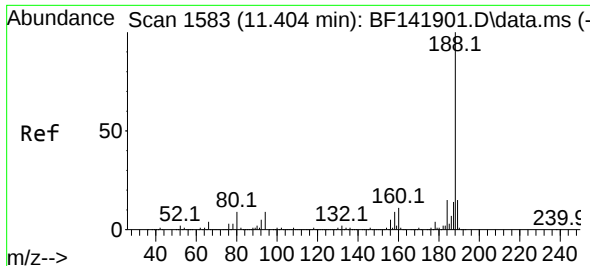
Tgt Ion:165 Resp: 41349
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.4 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:165 Resp: 41349
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.2#
89 1.4 56.6 84.8#
182 0.0 2.2 3.4#

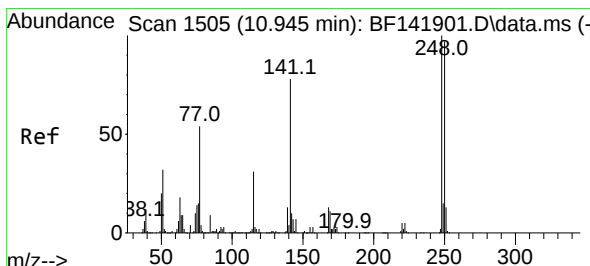
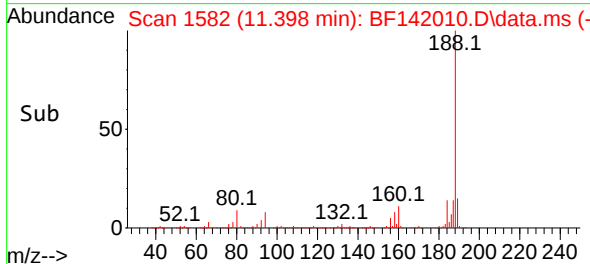
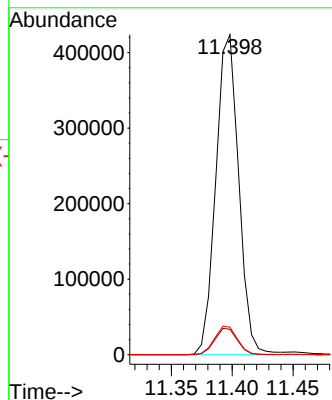
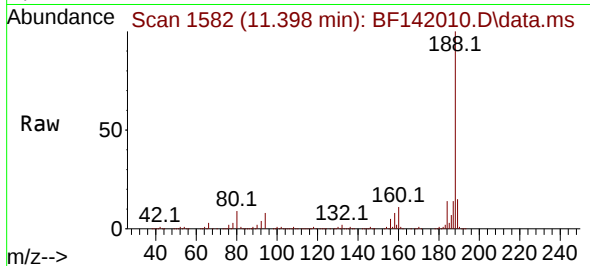




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

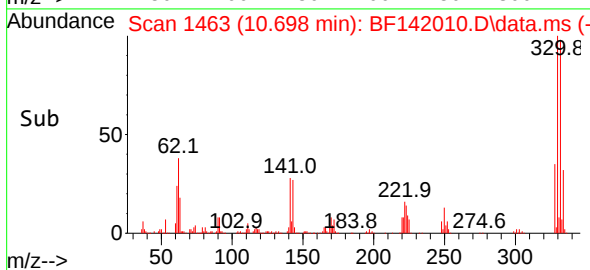
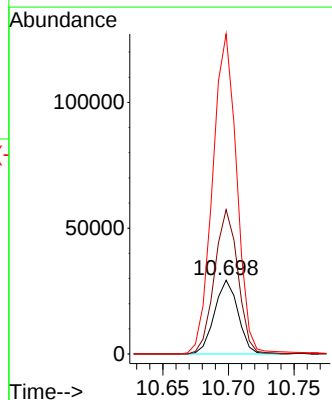
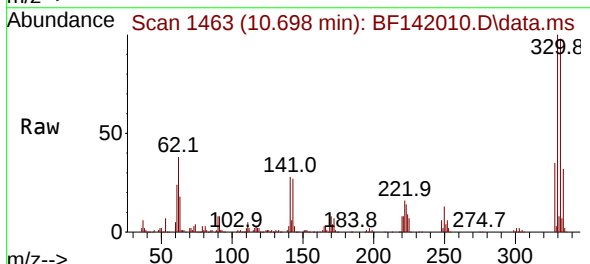
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BNA_F
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PB167206BL

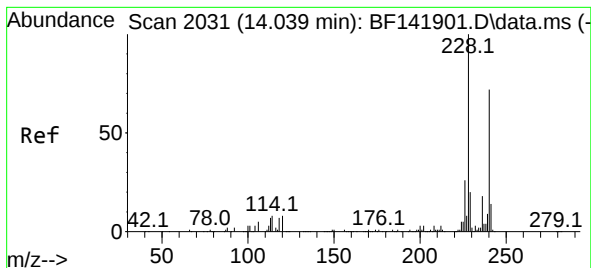
Tgt Ion:188 Resp: 554478
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.271 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:248 Resp: 36707
Ion Ratio Lower Upper
248 100
250 195.5 77.8 116.8#
141 433.7 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: BF142010.D

Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL

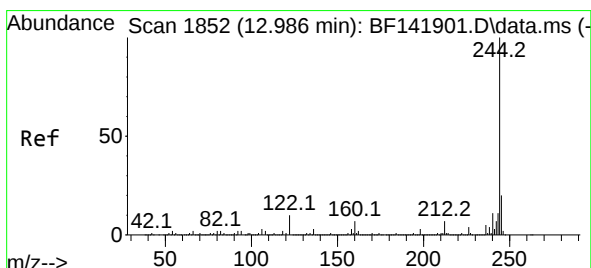
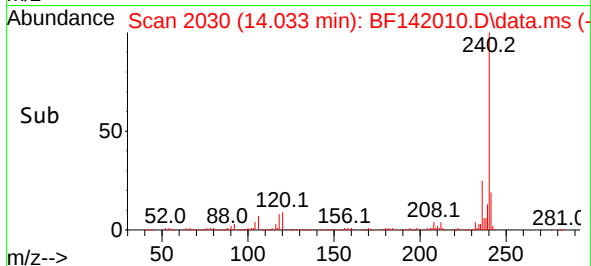
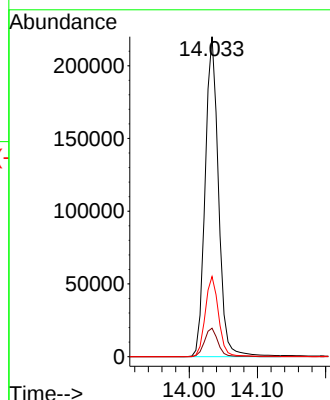
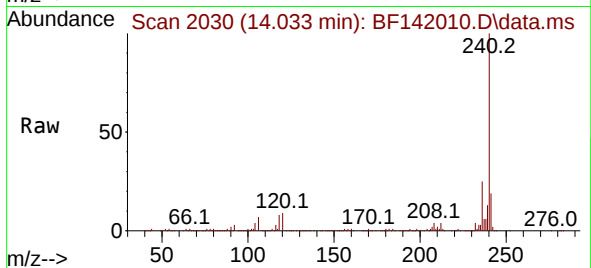
Tgt Ion:240 Resp: 299546

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 110.646 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

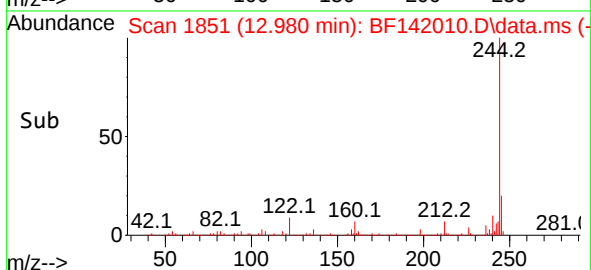
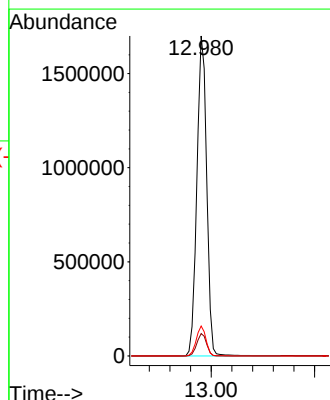
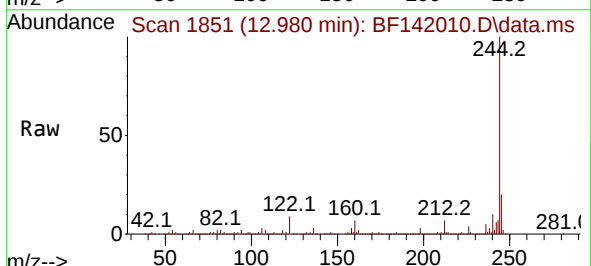
Tgt Ion:244 Resp: 2241764

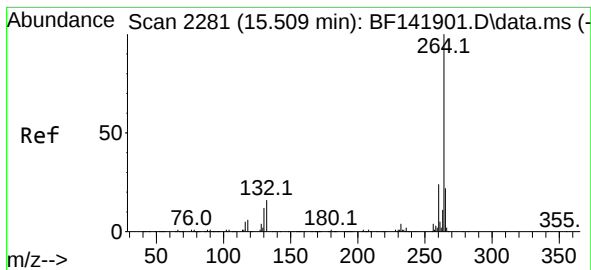
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142010.D

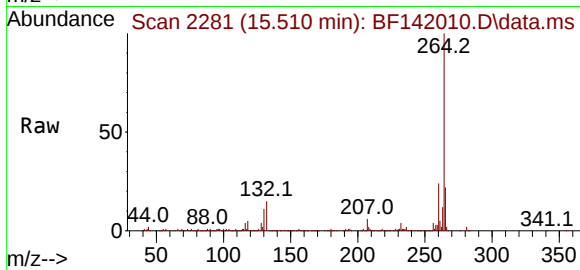
Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL



Tgt Ion:264 Resp: 241593

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 17.5 26.3

