

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142093.D
 Acq On : 26 Mar 2025 13:07
 Operator : RC/JU
 Sample : PB167291BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BL

Quant Time: Mar 26 13:41:17 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)

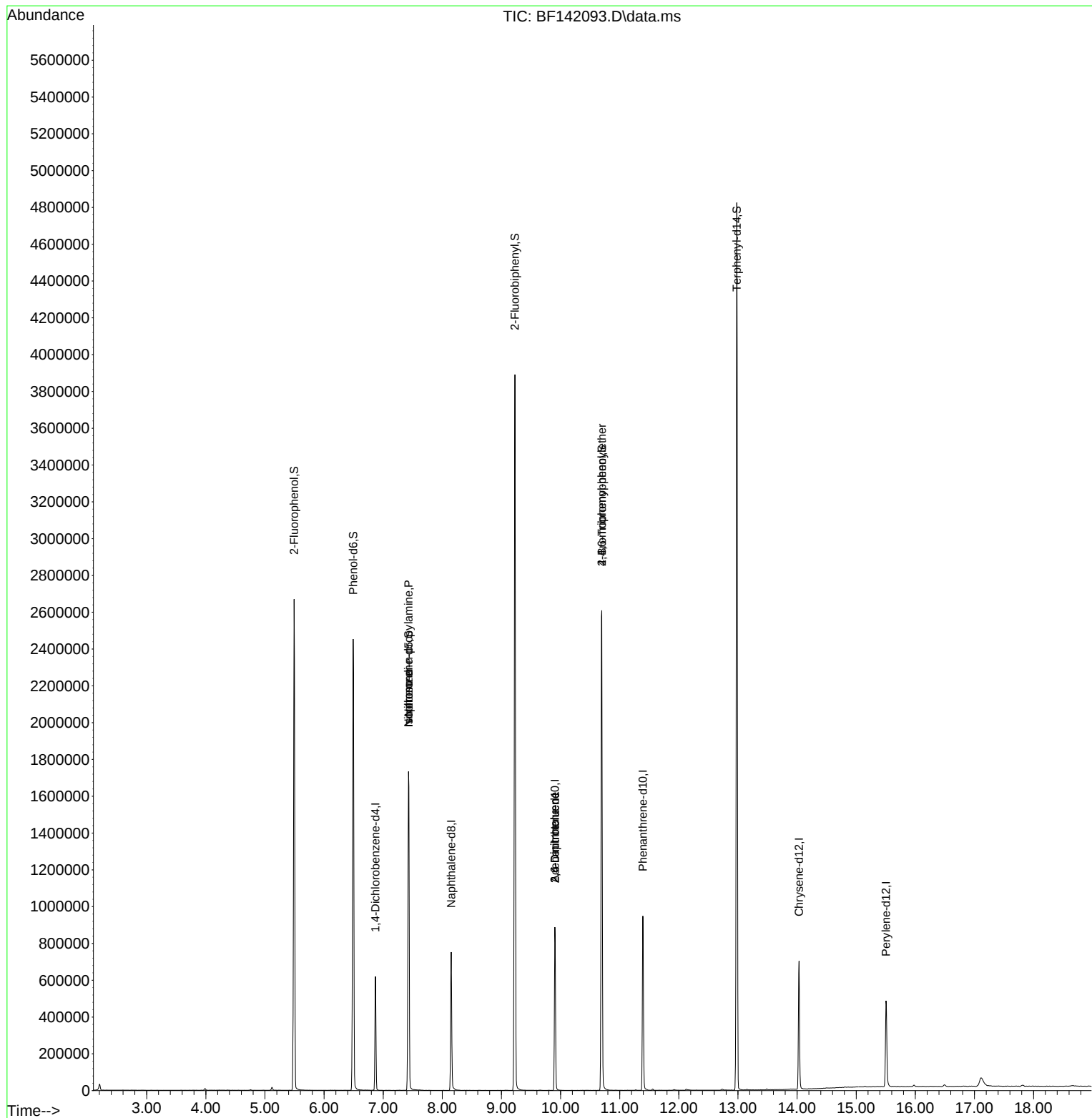
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128672	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	510860	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	278564	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	505504	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	368173	20.000	ng	0.00
86) Perylene-d12	15.504	264	300702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1062589	137.825	ng	0.00
7) Phenol-d6	6.492	99	1271968	129.579	ng	-0.01
23) Nitrobenzene-d5	7.428	82	851094	93.756	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	537502	152.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1770589	96.665	ng	-0.01
79) Terphenyl-d14	12.980	244	2477065	99.470	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	117237	18.587	ng	# 77
25) Isophorone	7.428	82	837371	52.184	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	35203	8.667	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	35204	6.636	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	33155	5.222	ng	# 1

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

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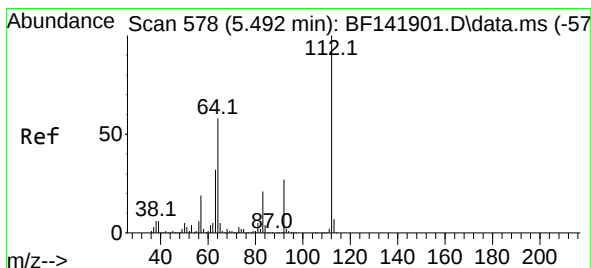
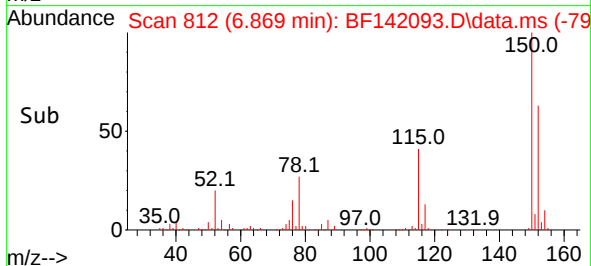
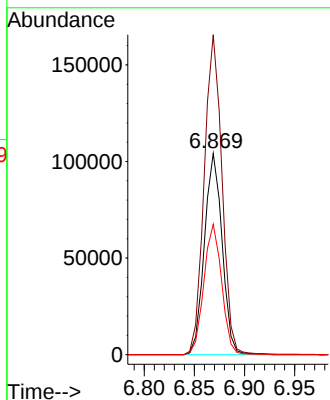
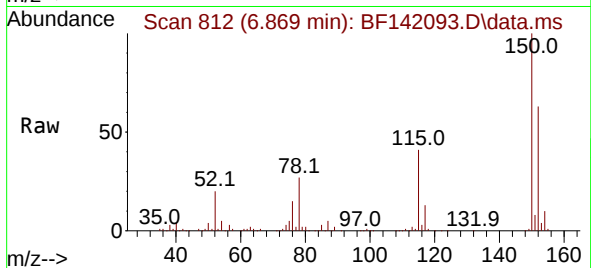




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

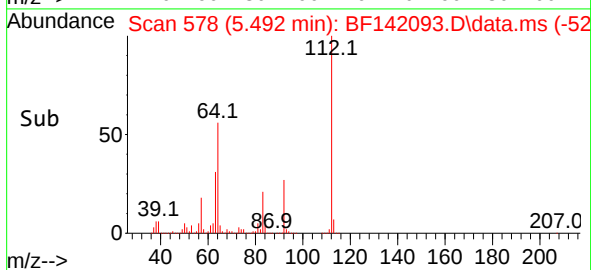
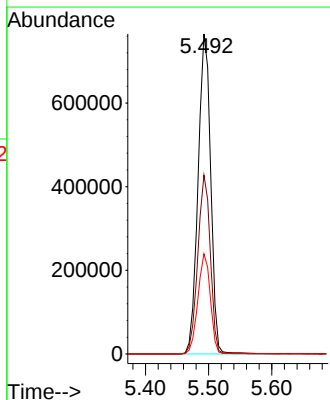
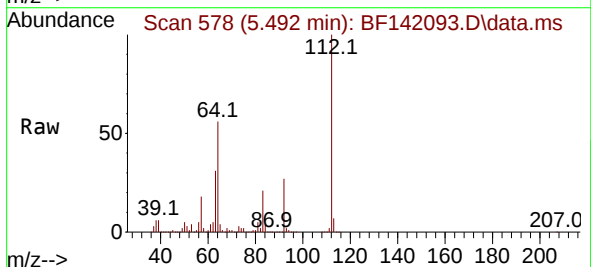
Instrument :
BNA_F
ClientSampleId :
PB167291BL

Tgt Ion:152 Resp: 128672
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 64.8 51.9 77.9



#5
2-Fluorophenol
Concen: 137.825 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:112 Resp: 1062589
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 31.3 25.4 38.2

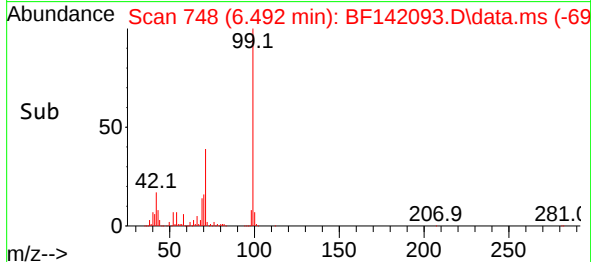
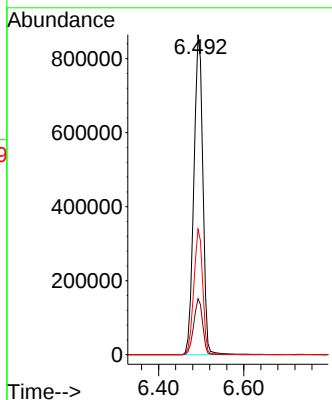
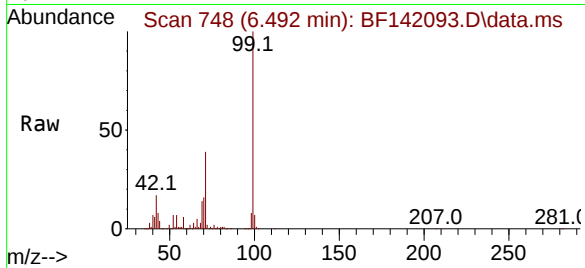




#7
Phenol-d6
Concen: 129.579 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

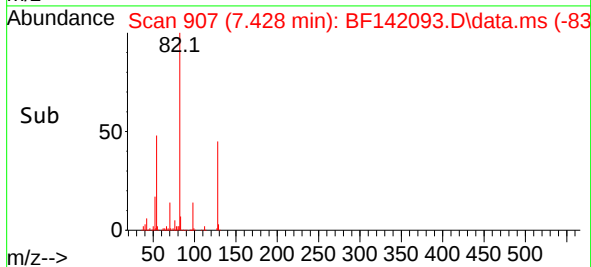
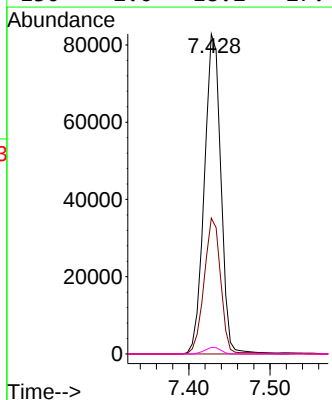
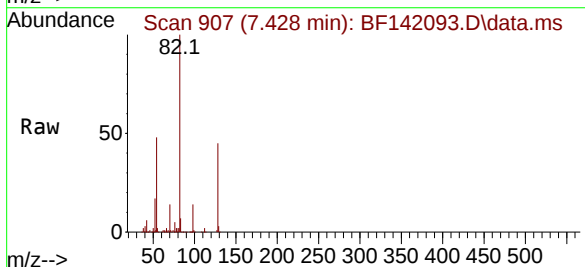
Instrument :
BNA_F
ClientSampleId :
PB167291BL

Tgt Ion: 99 Resp: 1271968
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.2 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.587 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.129 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion: 70 Resp: 117237
Ion Ratio Lower Upper
70 100
42 42.4 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#

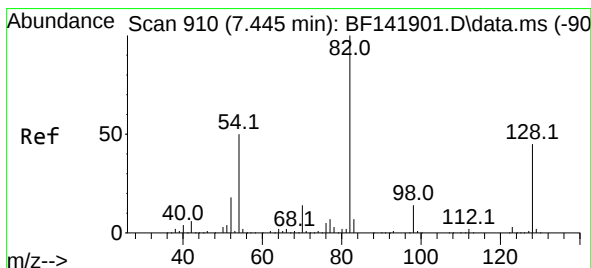
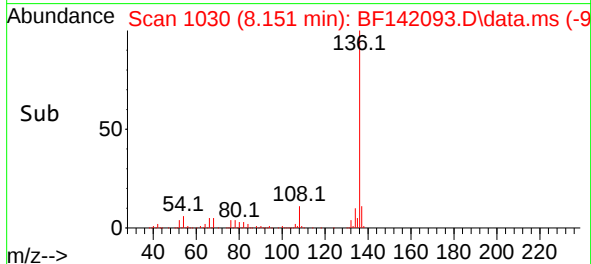
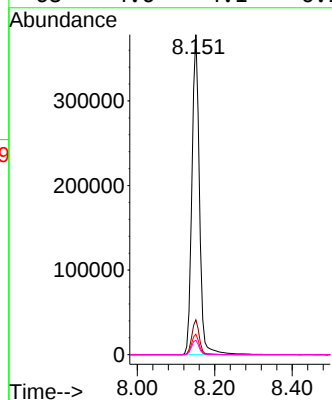
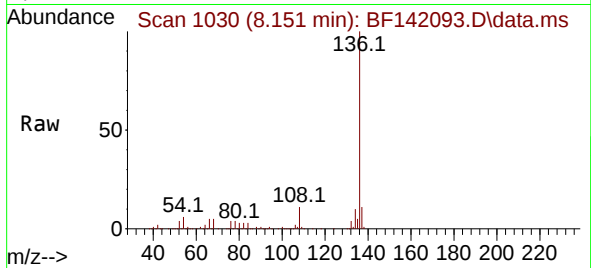




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

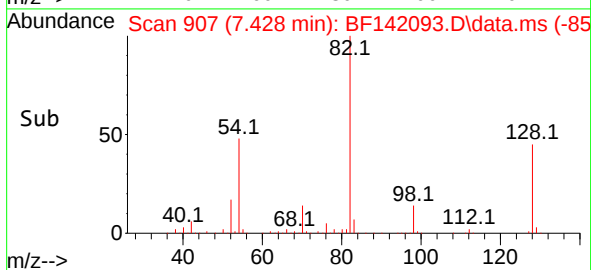
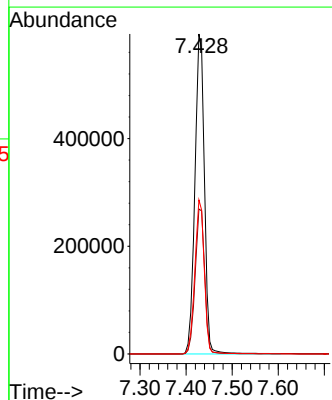
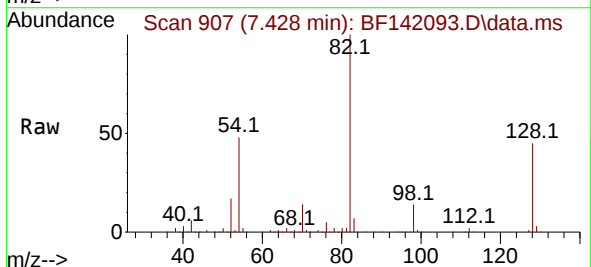
Instrument :
BNA_F
ClientSampleId :
PB167291BL

Tgt Ion:136 Resp: 510860
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 93.756 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion: 82 Resp: 851094
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 48.2 39.6 59.4

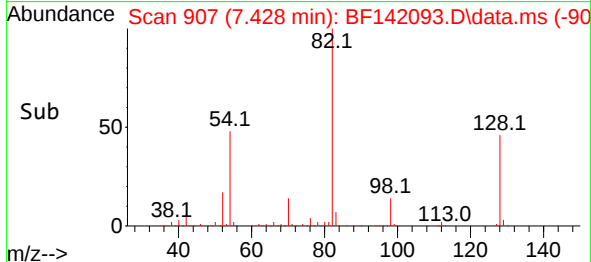
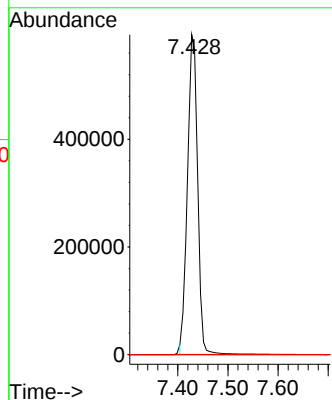
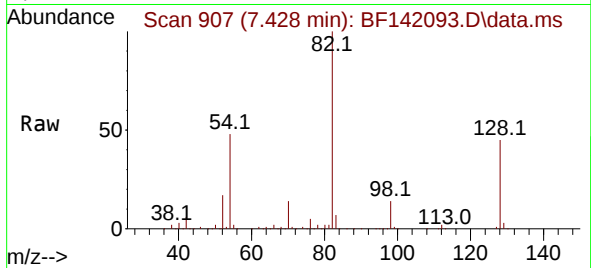




#25
Isophorone
Concen: 52.184 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

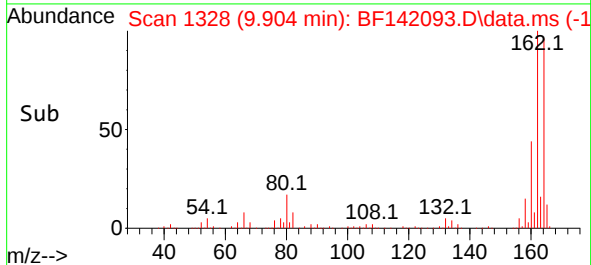
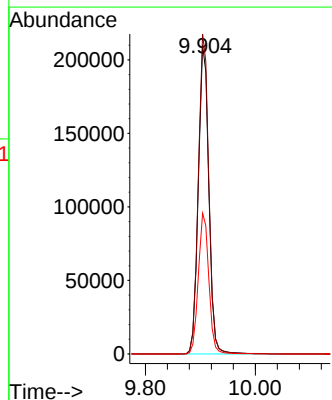
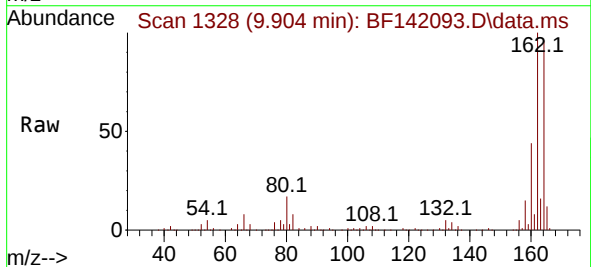
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ClientSampleId :
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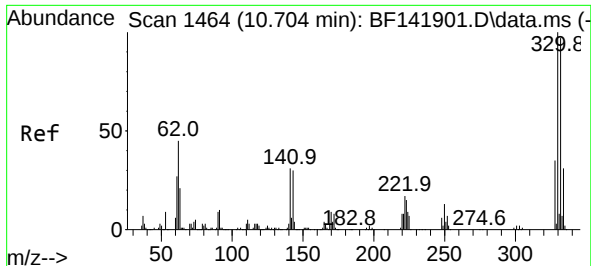
Tgt Ion: 82 Resp: 837371
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:164 Resp: 278564
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 45.6 36.7 55.1

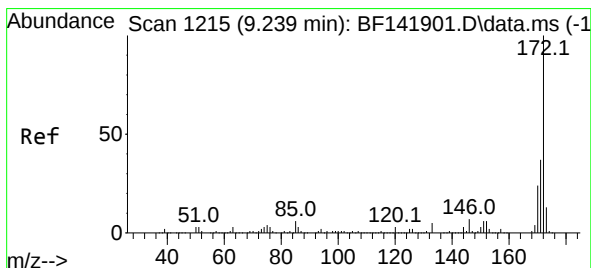
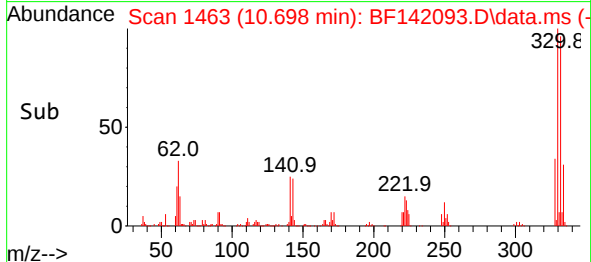
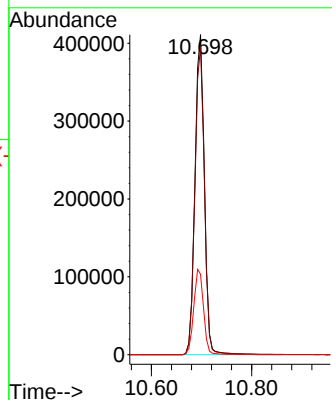
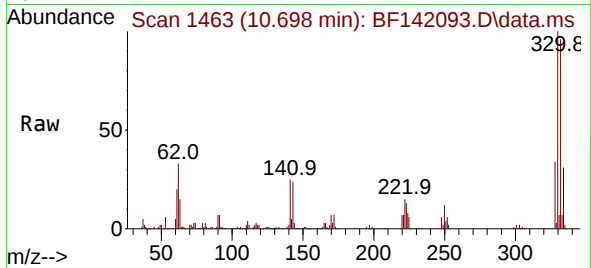




#42
 2,4,6-Tribromophenol
 Concen: 152.097 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142093.D
 Acq: 26 Mar 2025 13:07

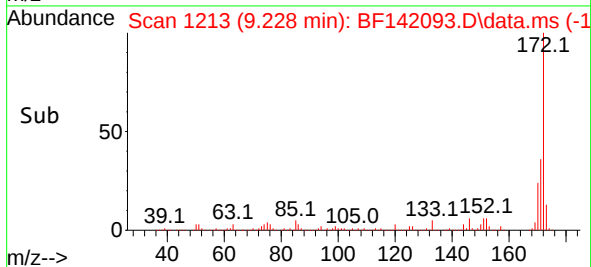
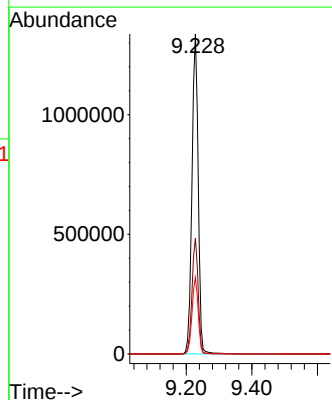
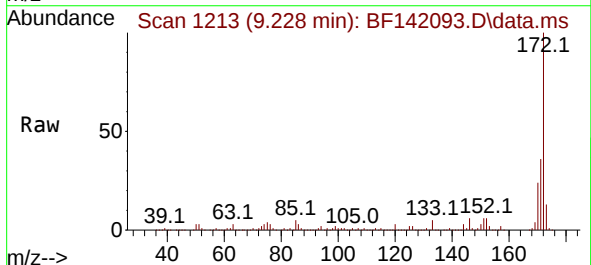
Instrument :
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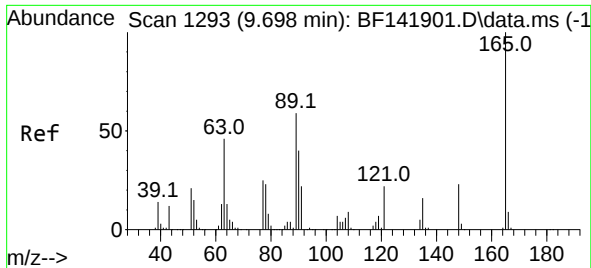
Tgt Ion:330 Resp: 537502
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 27.6 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 96.665 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142093.D
 Acq: 26 Mar 2025 13:07

Tgt Ion:172 Resp: 1770589
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 23.9 19.4 29.0

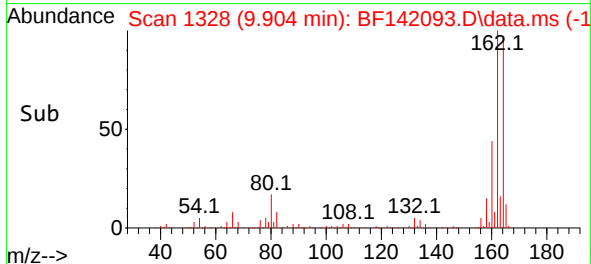
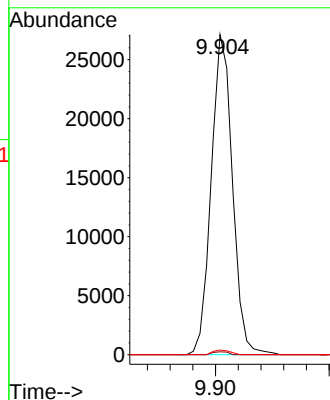
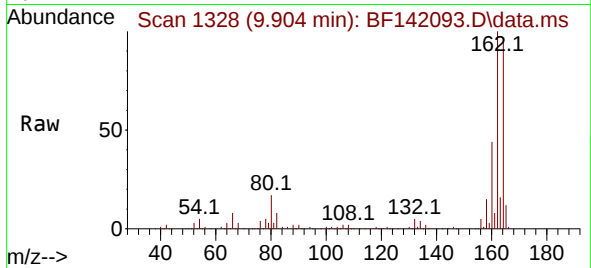




#51
2,6-Dinitrotoluene
Concen: 8.667 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

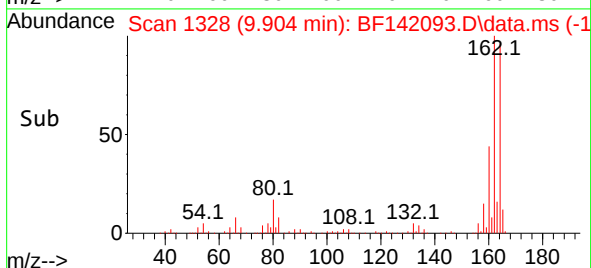
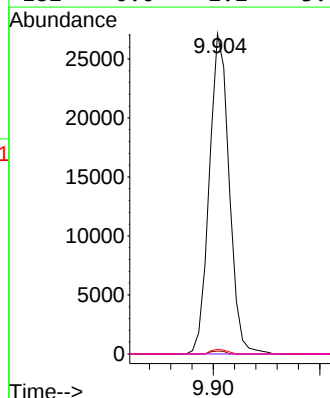
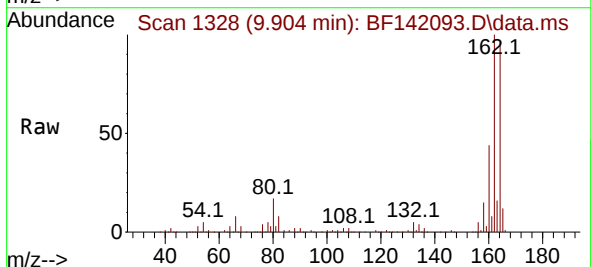
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BNA_F
ClientSampleId :
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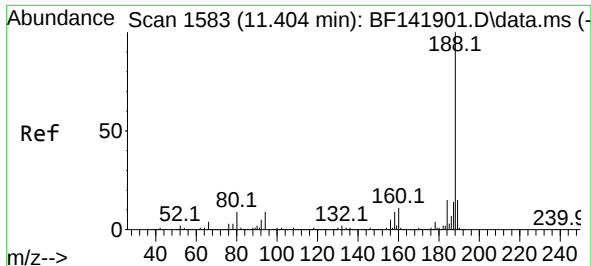
Tgt Ion:165 Resp: 35203
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:165 Resp: 35204
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.2#
89 1.5 56.6 84.8#
182 0.0 2.2 3.4#

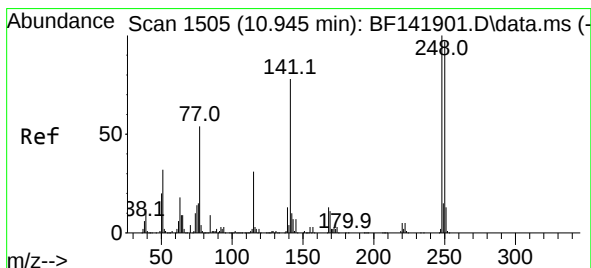
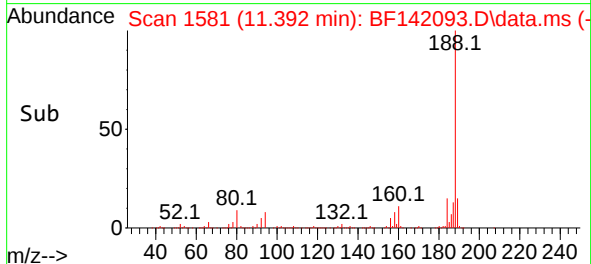
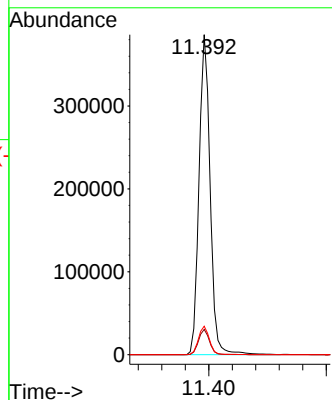
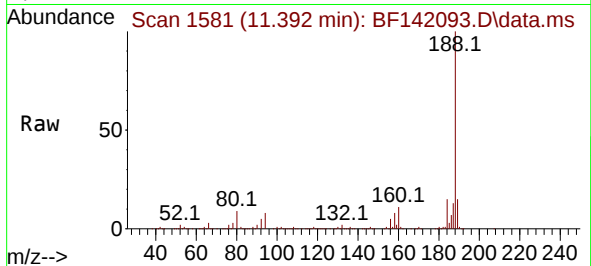




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

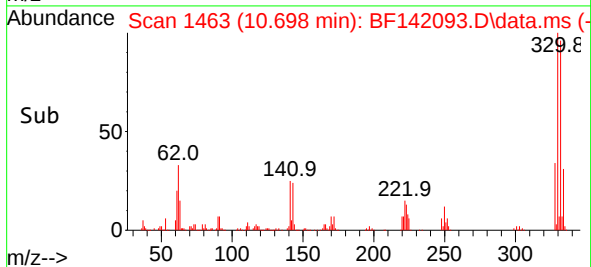
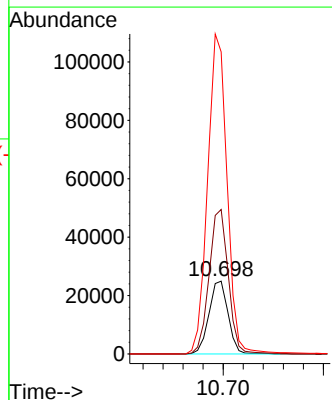
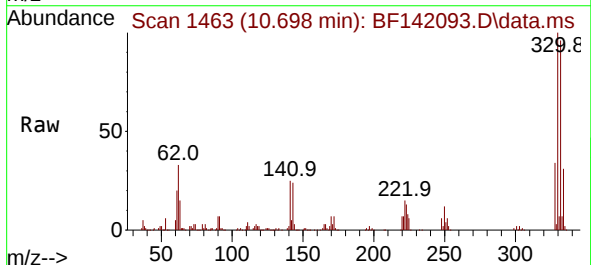
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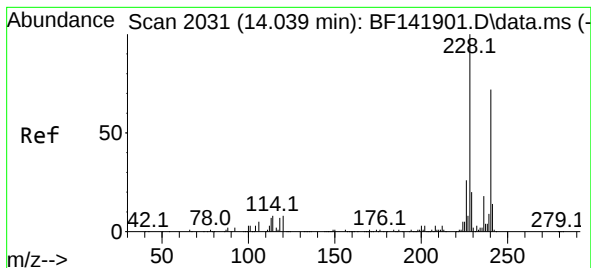
Tgt Ion:188 Resp: 505504
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.222 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:248 Resp: 33155
Ion Ratio Lower Upper
248 100
250 198.5 77.8 116.8#
141 415.0 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: BF142093.D

Acq: 26 Mar 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167291BL

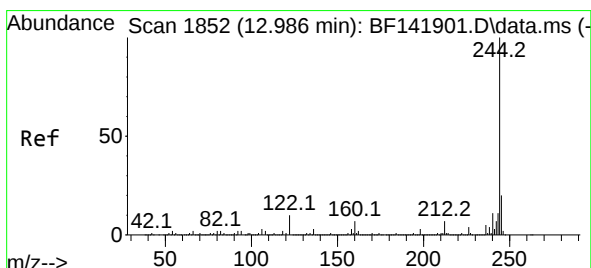
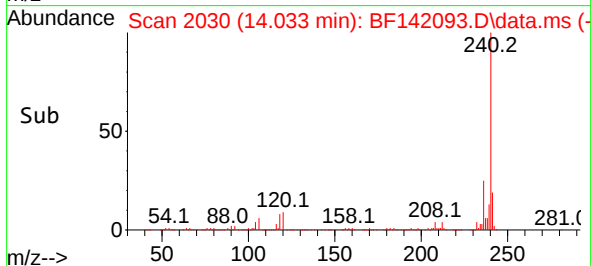
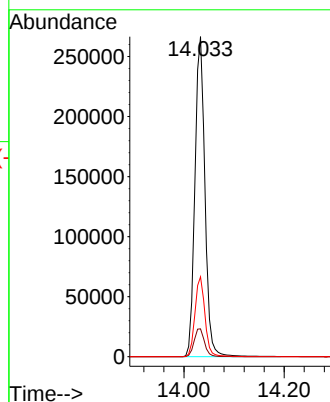
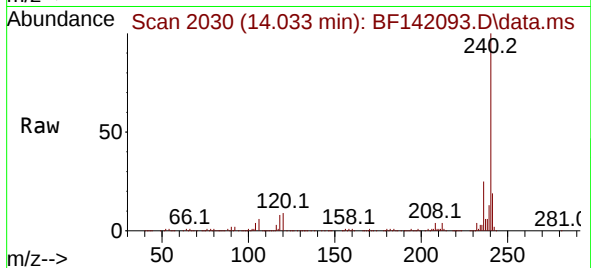
Tgt Ion:240 Resp: 368173

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

236 25.0 20.5 30.7



#79

Terphenyl-d14

Concen: 99.470 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142093.D

Acq: 26 Mar 2025 13:07

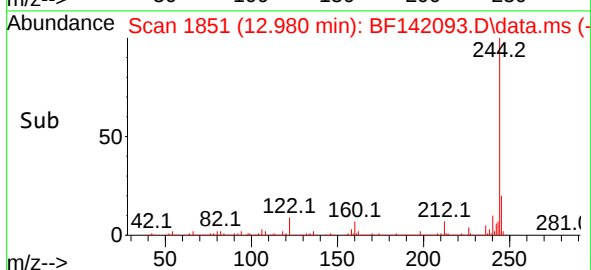
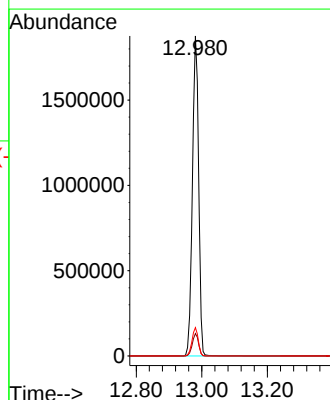
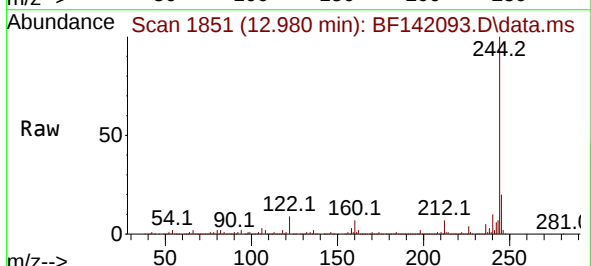
Tgt Ion:244 Resp: 2477065

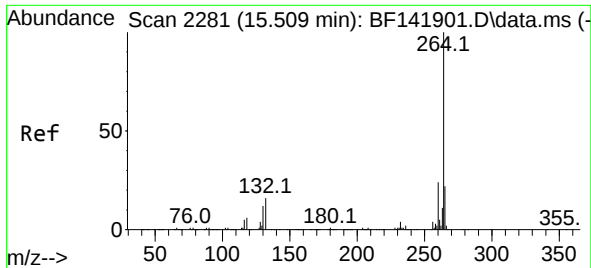
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

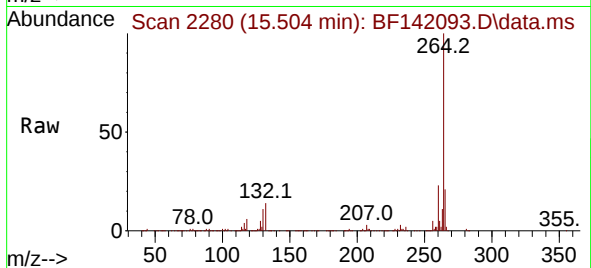
122 8.9 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167291BL



Tgt Ion:264 Resp: 300702

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.1	17.5	26.3

