

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142254.D
 Acq On : 01 May 2025 12:10
 Operator : RC/JU
 Sample : PB167810BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BL

Quant Time: May 01 12:47:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

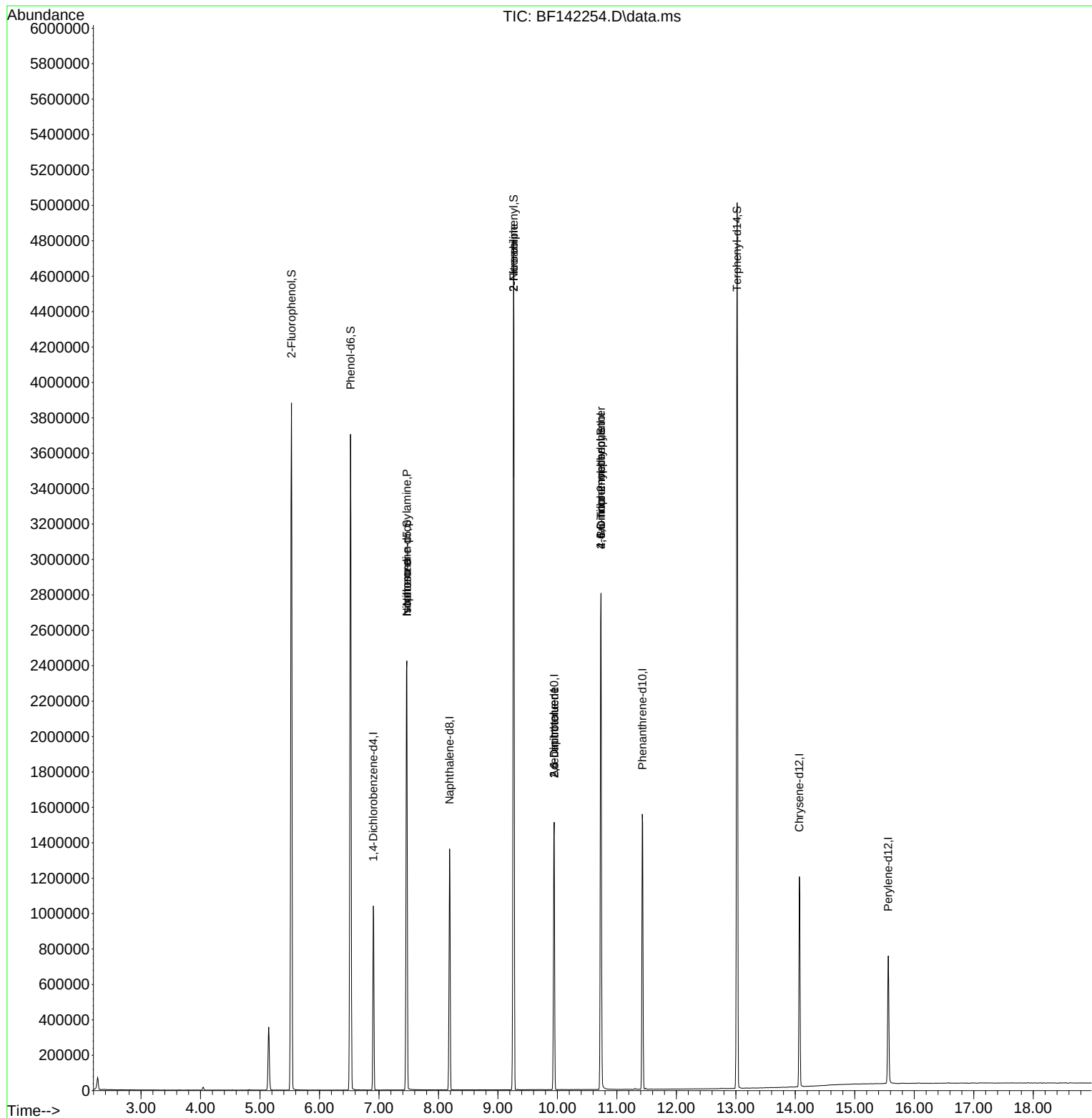
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	223997	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	857825	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449926	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	794711	20.000	ng	0.00
76) Chrysene-d12	14.069	240	568207	20.000	ng	0.00
86) Perylene-d12	15.563	264	404816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1546121	110.236	ng	0.01
7) Phenol-d6	6.522	99	1853180	109.417	ng	0.00
23) Nitrobenzene-d5	7.469	82	1087156	83.261	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	508946	124.082	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2205083	69.102	ng	0.00
79) Terphenyl-d14	13.022	244	2472921	63.298	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	146415	13.990	ng	# 79
25) Isophorone	7.469	82	1086204	39.637	ng	# 64
48) 2-Nitroaniline	9.263	65	3578	5.238	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	58270	13.694	ng	# 23
57) 2,4-Dinitrotoluene	9.945	165	58270	12.832	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.733	198	884	10.874	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	32238	3.643	ng	# 1

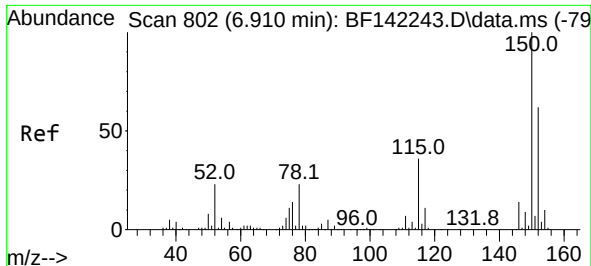
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: May 01 12:47:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

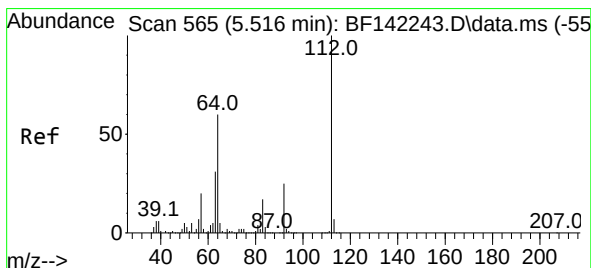
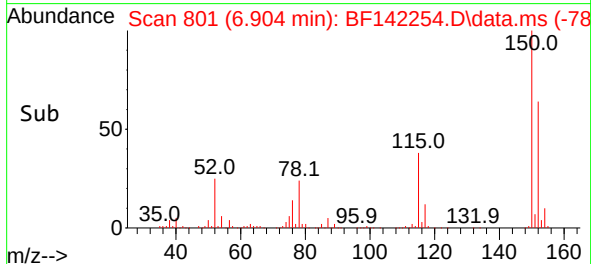
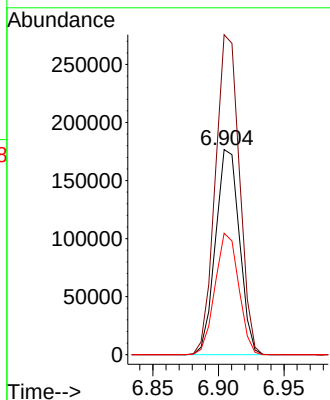
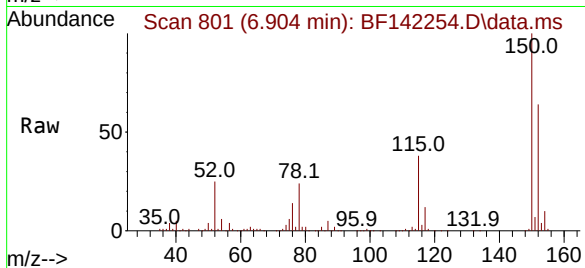




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

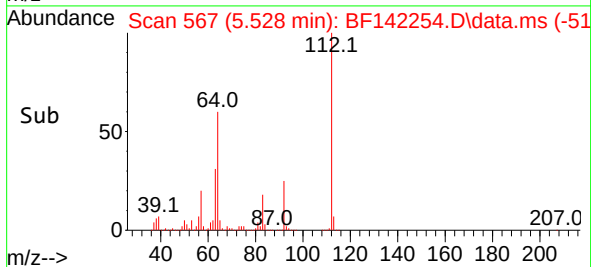
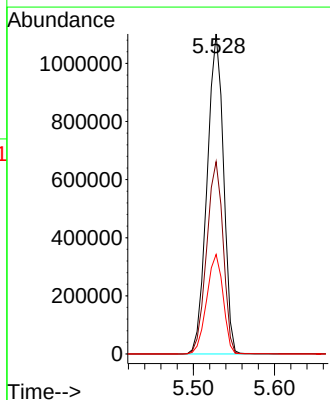
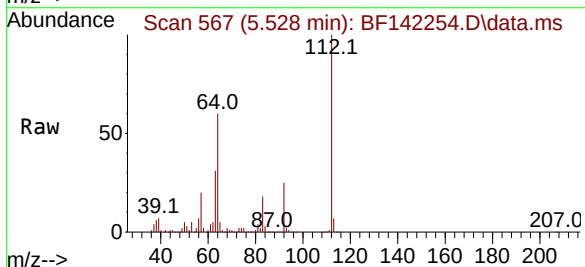
Instrument :
BNA_F
ClientSampleId :
PB167810BL

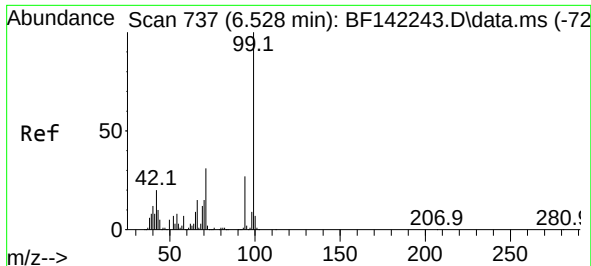
Tgt Ion:152 Resp: 223997
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 110.236 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:112 Resp: 1546121
Ion Ratio Lower Upper
112 100
64 60.1 48.4 72.6
63 31.1 24.8 37.2

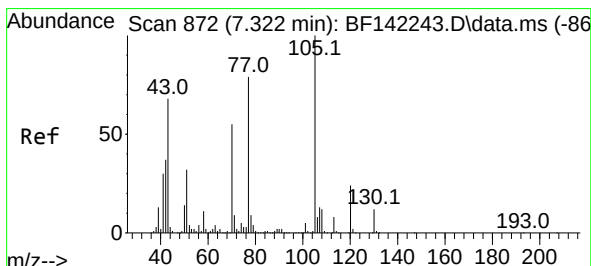
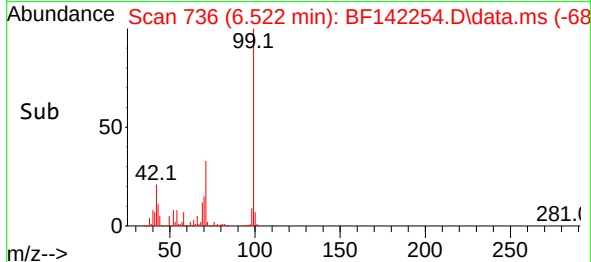
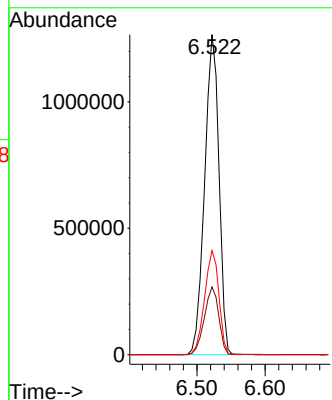
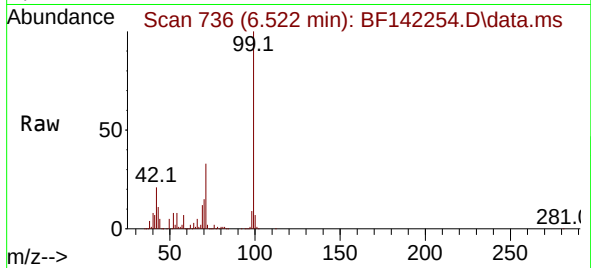




#7
Phenol-d6
Concen: 109.417 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

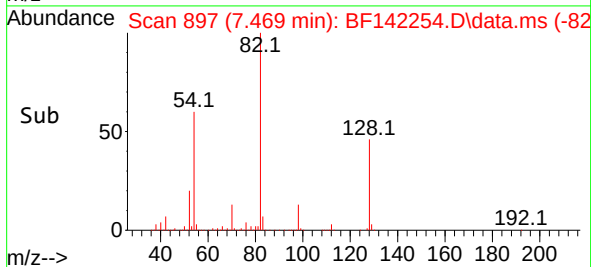
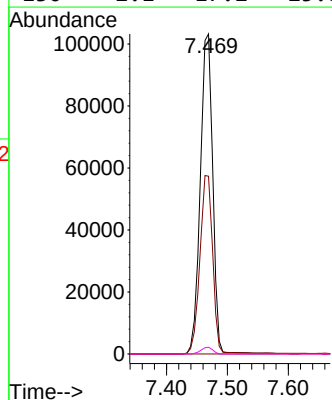
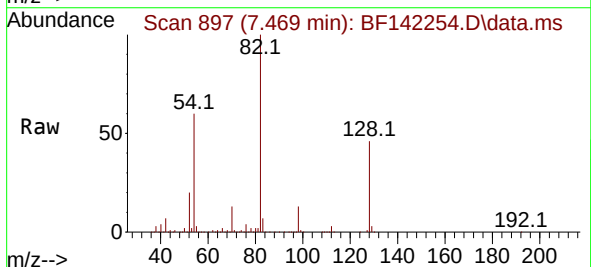
Instrument :
BNA_F
ClientSampleId :
PB167810BL

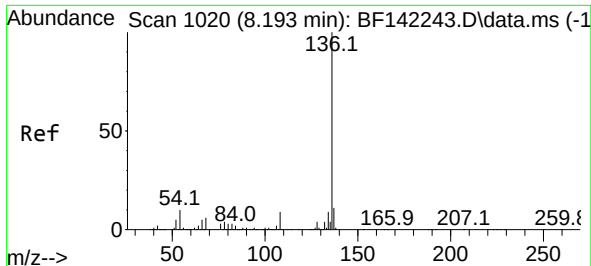
Tgt Ion: 99 Resp: 1853180
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.990 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion: 70 Resp: 146415
Ion Ratio Lower Upper
70 100
42 55.5 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

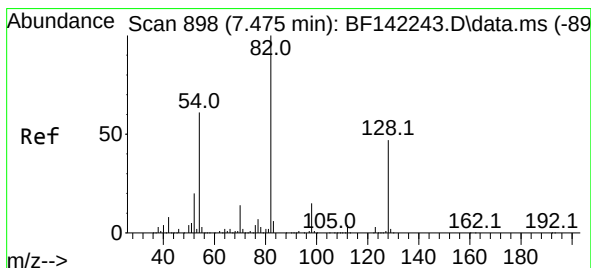
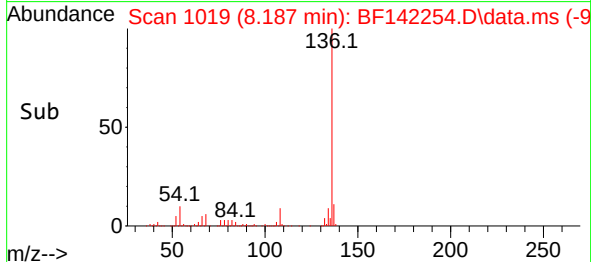
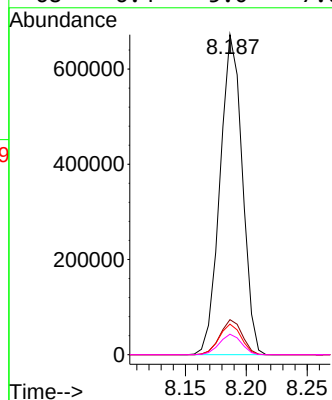
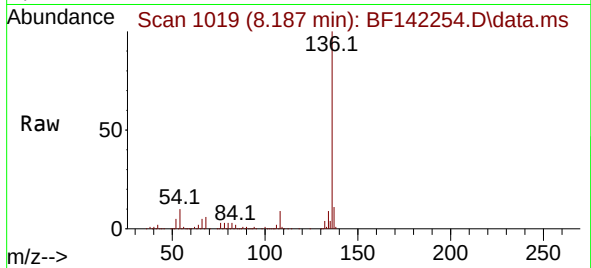




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

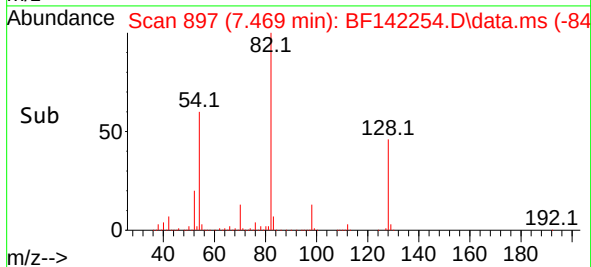
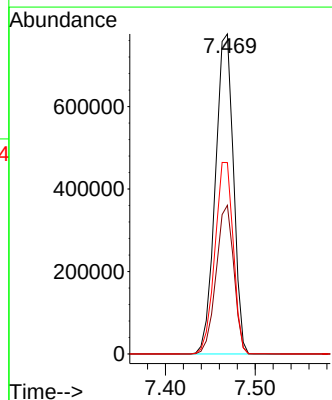
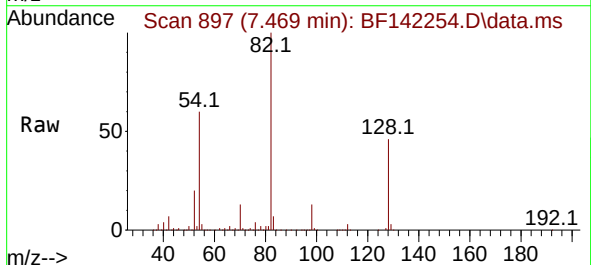
Instrument :
BNA_F
ClientSampleId :
PB167810BL

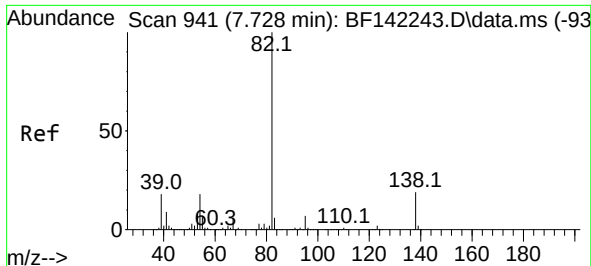
Tgt Ion:136 Resp: 857825
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 83.261 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion: 82 Resp: 1087156
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.6
54 59.8 48.0 72.0

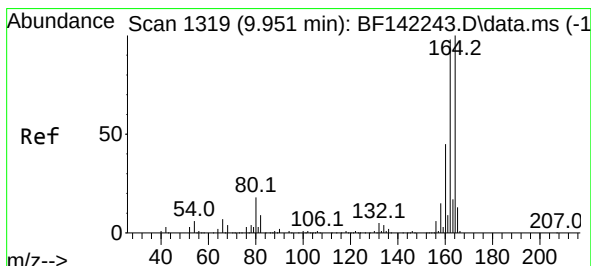
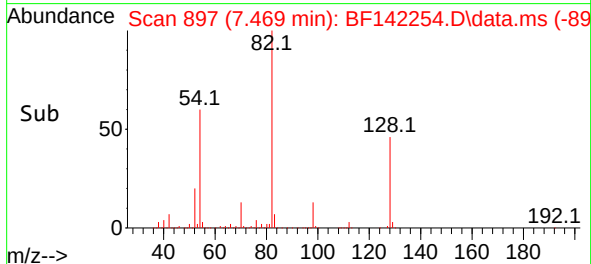
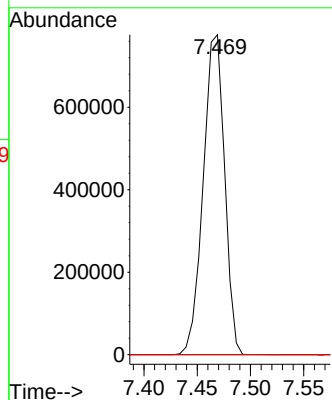
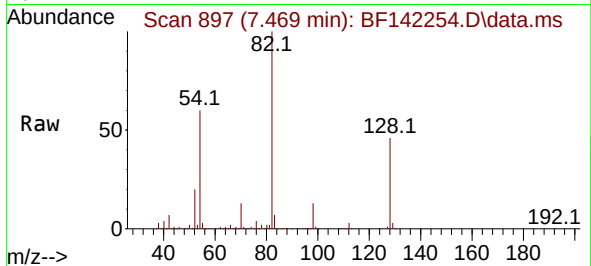




#25
Isophorone
Concen: 39.637 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

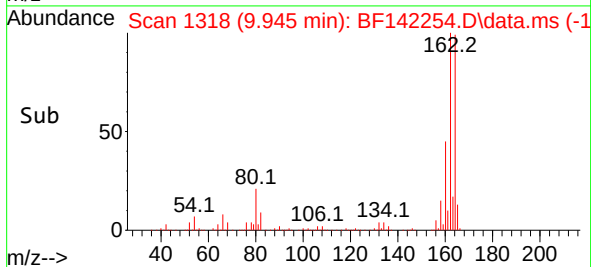
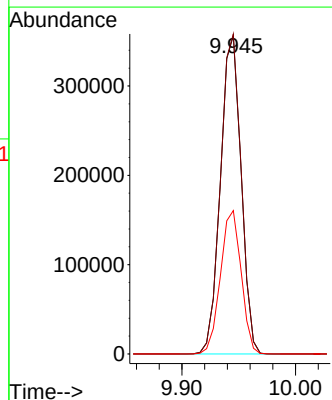
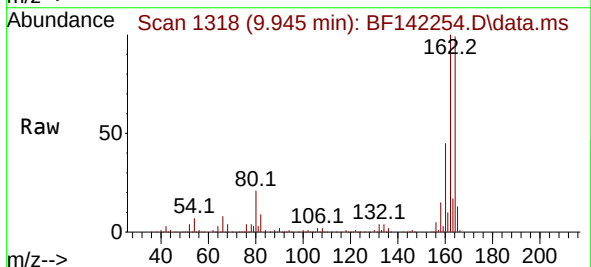
Instrument :
BNA_F
ClientSampleId :
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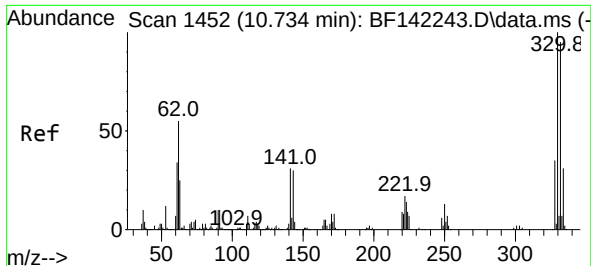
Tgt Ion: 82 Resp: 1086204
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

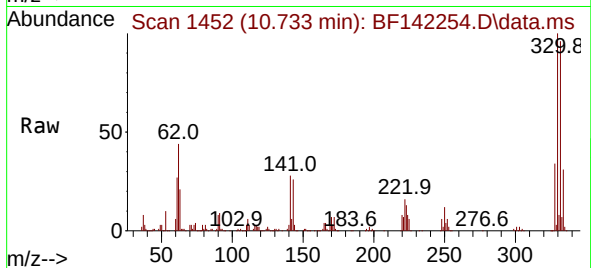
Tgt Ion:164 Resp: 449926
Ion Ratio Lower Upper
164 100
162 100.6 78.6 117.8
160 45.1 35.7 53.5



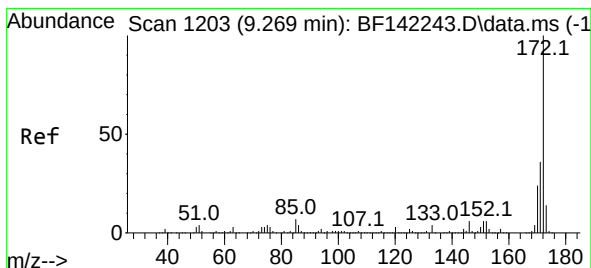
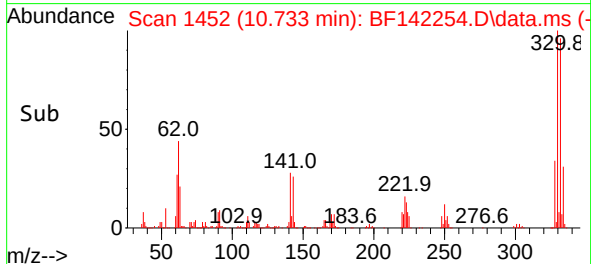
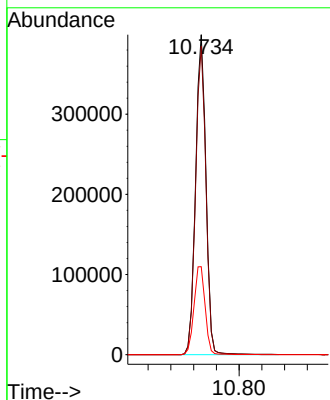


#42
2,4,6-Tribromophenol
Concen: 124.082 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB167810BL

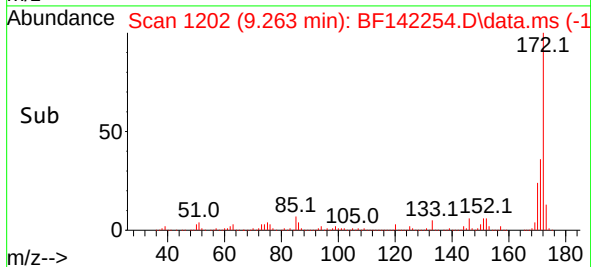
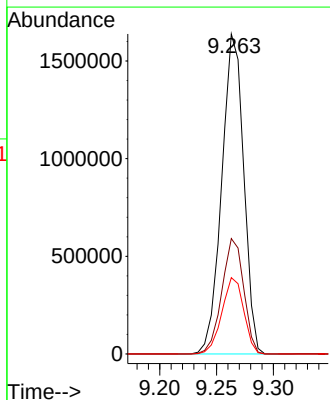
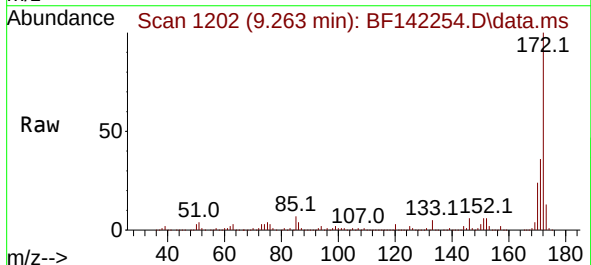


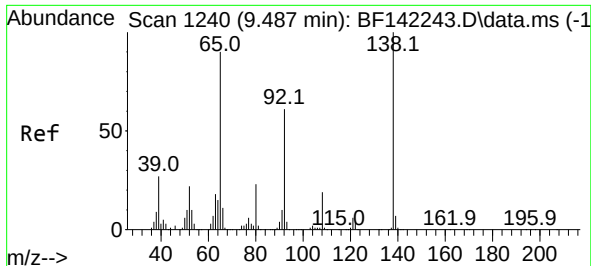
Tgt Ion:330 Resp: 508946
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 29.6 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 69.102 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:172 Resp: 2205083
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.9 19.4 29.0

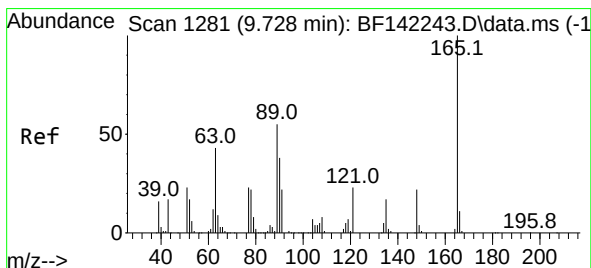
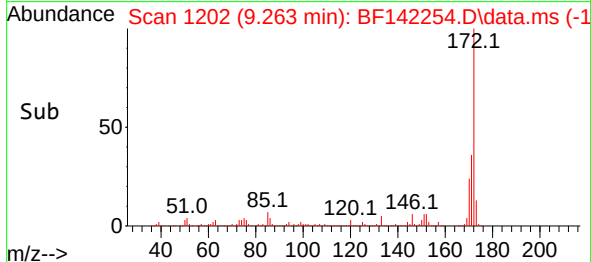
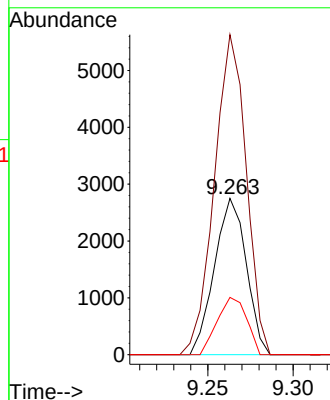
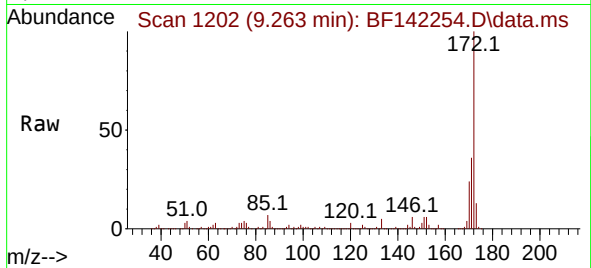




#48
2-Nitroaniline
Concen: 5.238 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

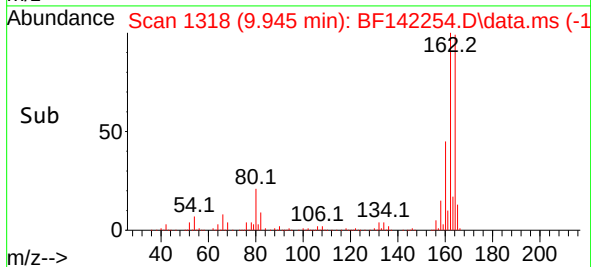
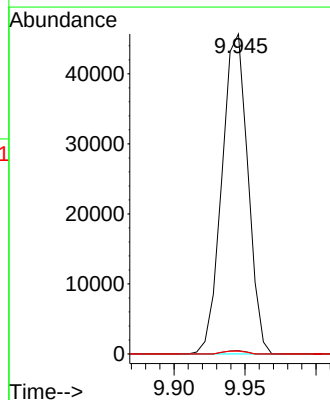
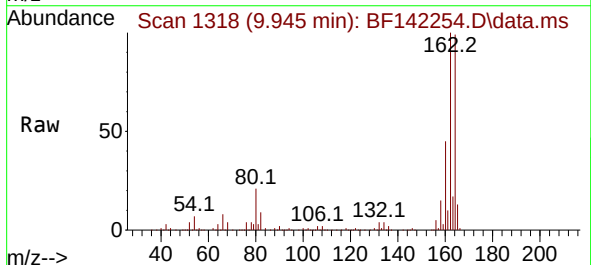
Instrument :
BNA_F
ClientSampleId :
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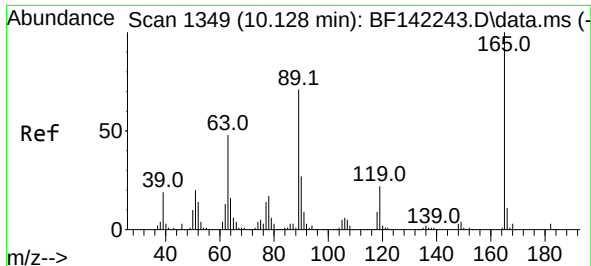
Tgt Ion: 65 Resp: 3578
Ion Ratio Lower Upper
65 100
92 204.7 54.3 81.5#
138 36.7 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.694 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.217 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

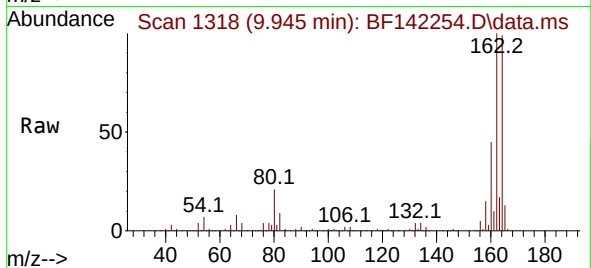
Tgt Ion: 165 Resp: 58270
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 0.9 43.9 65.9#



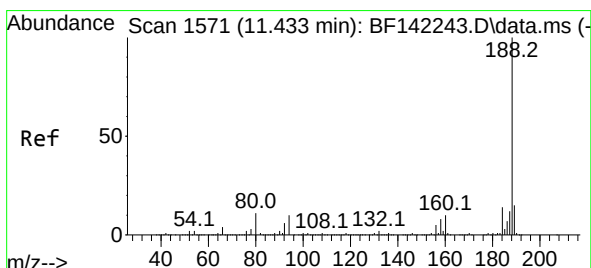
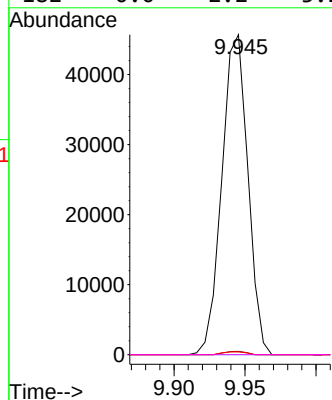
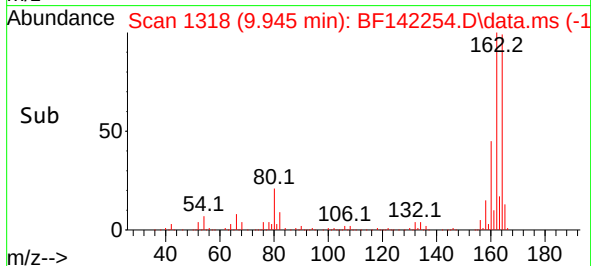


#57
2,4-Dinitrotoluene
Concen: 12.832 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

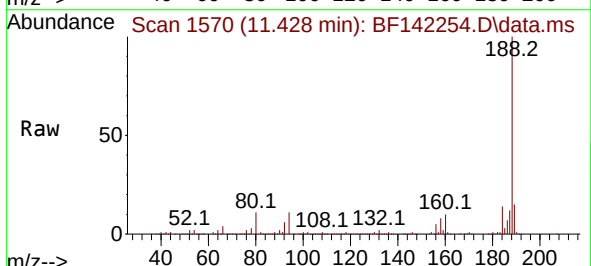
Instrument :
BNA_F
ClientSampleId :
PB167810BL



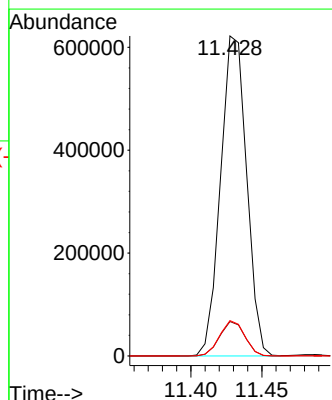
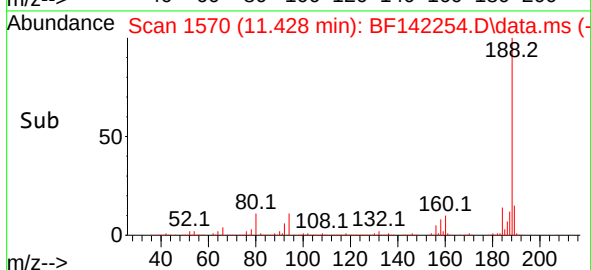
Tgt Ion:165 Resp: 58270
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 0.9 57.1 85.7#
182 0.0 2.2 3.2#

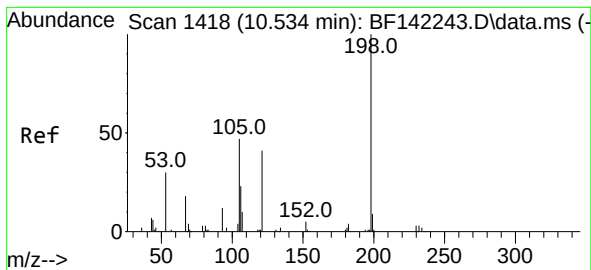


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10



Tgt Ion:188 Resp: 794711
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 11.1 8.6 12.8

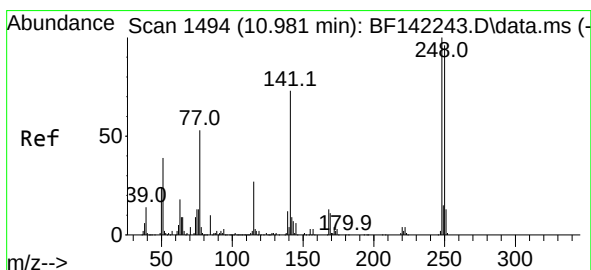
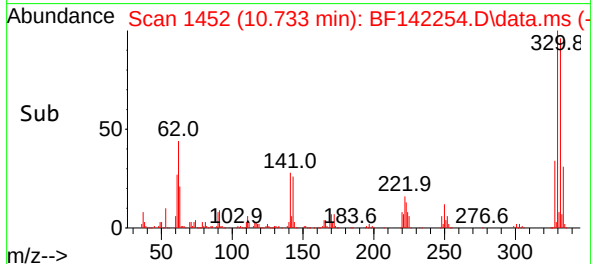
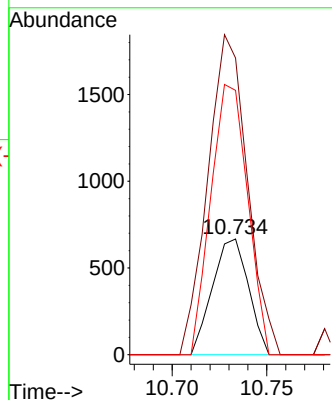
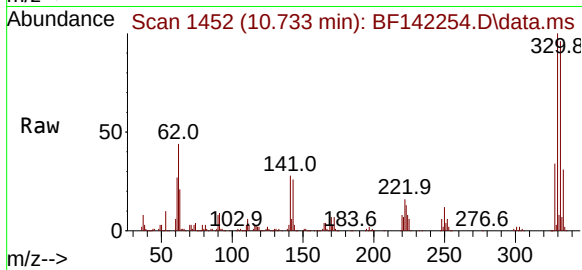




#65
4,6-Dinitro-2-methylphenol
Concen: 10.874 ng
RT: 10.733 min Scan# 1418
Delta R.T. 0.199 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

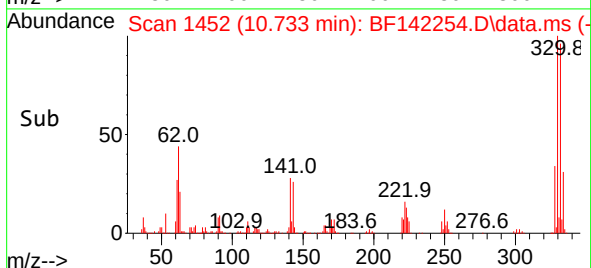
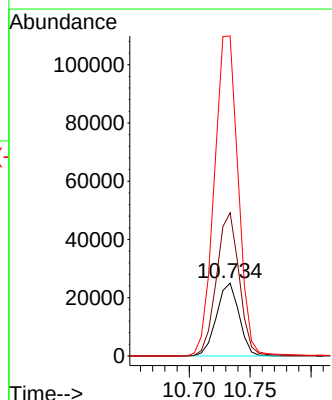
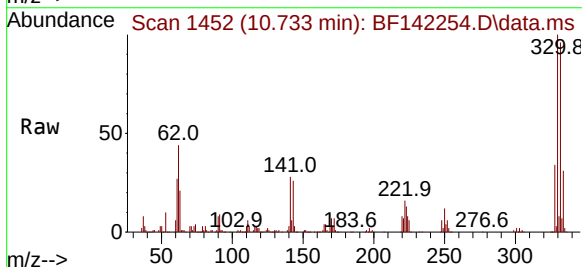
Instrument :
BNA_F
ClientSampleId :
PB167810BL

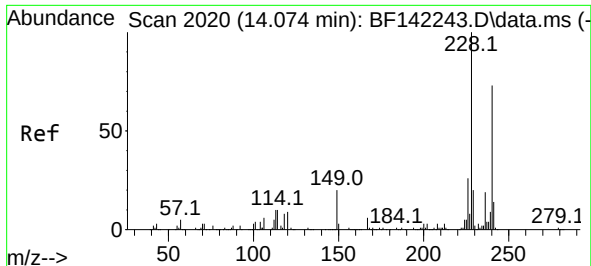
Tgt Ion:198 Resp: 884
Ion Ratio Lower Upper
198 100
51 256.4 40.6 80.6#
105 228.5 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.643 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:248 Resp: 32238
Ion Ratio Lower Upper
248 100
250 196.9 77.2 115.8#
141 439.7 58.4 87.6#

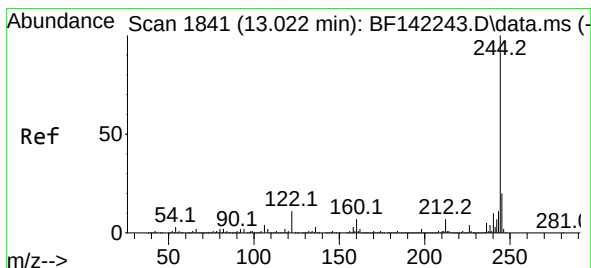
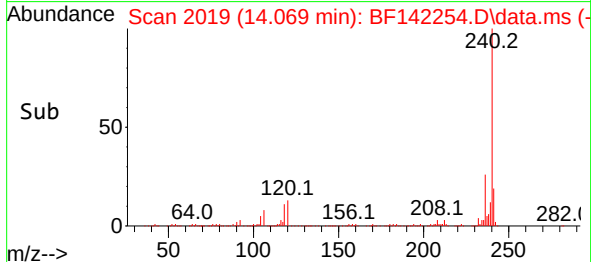
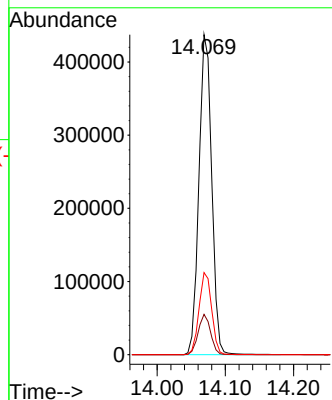
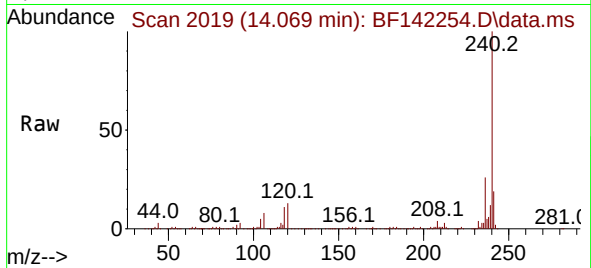




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

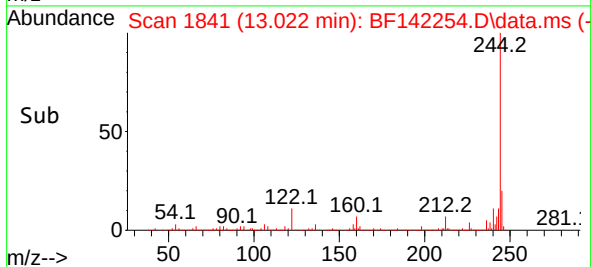
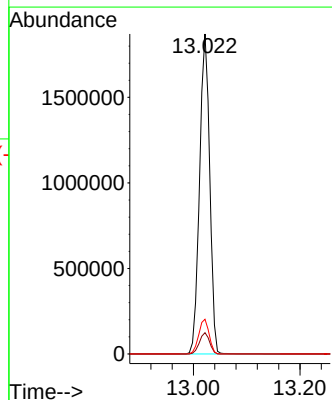
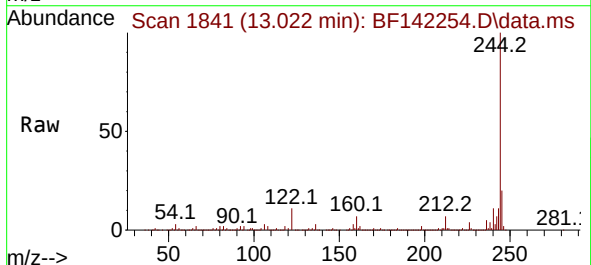
Instrument :
BNA_F
ClientSampleId :
PB167810BL

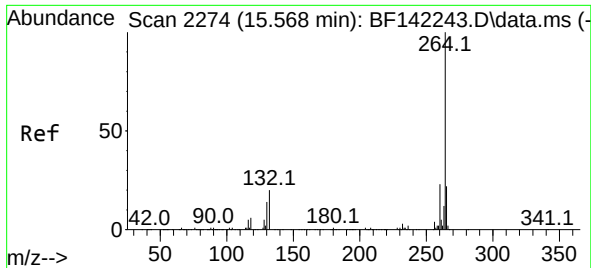
Tgt Ion:240 Resp: 568207
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 63.298 ng
RT: 13.022 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:244 Resp: 2472921
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.9 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142254.D
 Acq: 01 May 2025 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BL

Tgt Ion:264 Resp: 404816
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.1 17.3 25.9

