

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144454.D
 Acq On : 12 Dec 2025 16:50
 Operator : RC/JU
 Sample : PB170916BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

Quant Time: Dec 12 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

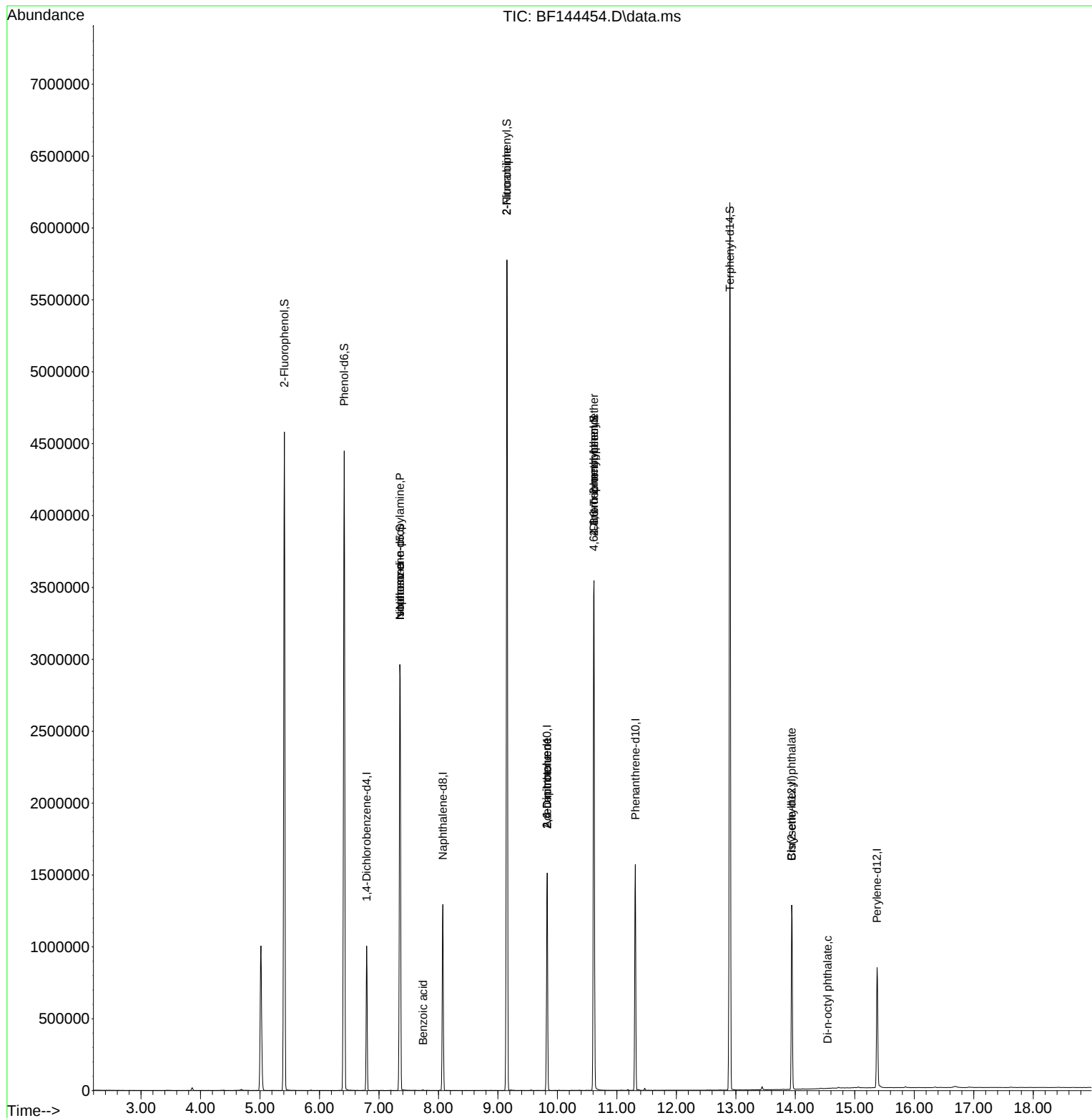
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	203801	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	809340	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	440198	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	771186	20.000	ng	0.00
76) Chrysene-d12	13.939	240	613896	20.000	ng	0.00
86) Perylene-d12	15.374	264	464092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1863664	137.882	ng	0.01
7) Phenol-d6	6.416	99	2311430	137.102	ng	0.00
23) Nitrobenzene-d5	7.351	82	1398323	108.118	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	647784	162.767	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2605675	90.807	ng	0.00
79) Terphenyl-d14	12.898	244	3031495	77.962	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	188810	17.730	ng	# 78
25) Isophorone	7.351	82	1386153	47.490	ng	# 65
32) Benzoic acid	7.739	122	1514	6.629	ng	95
48) 2-Nitroaniline	9.151	65	4505	4.186	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	57883	13.666	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	57883	11.035	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.610	198	1360	7.165	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	41762	4.639	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.939	149	322	2.920	ng	# 1
85) Di-n-octyl phthalate	14.545	149	197	6.507	ng	# 1

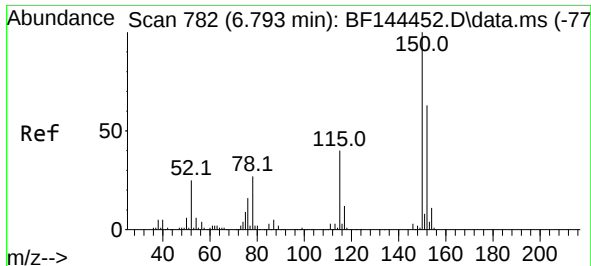
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
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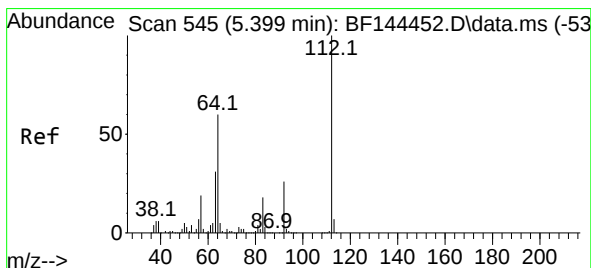
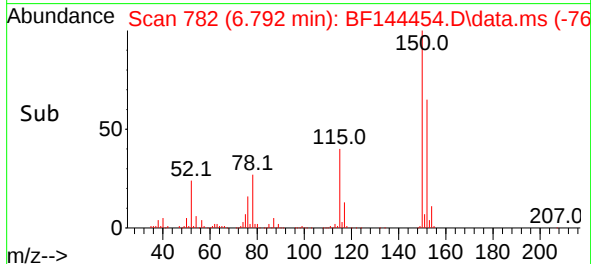
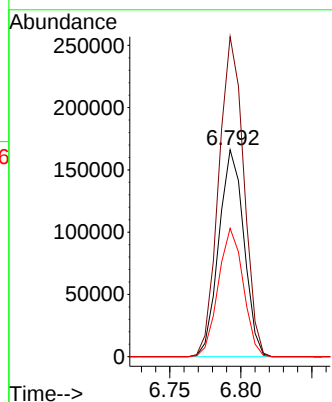
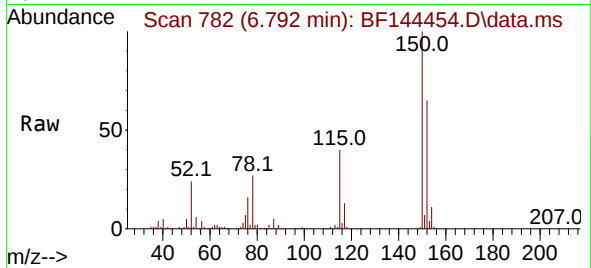




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

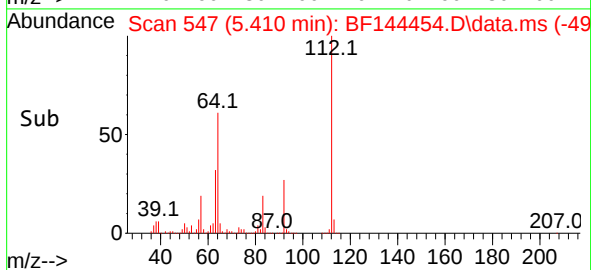
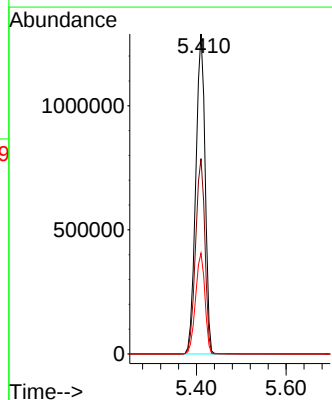
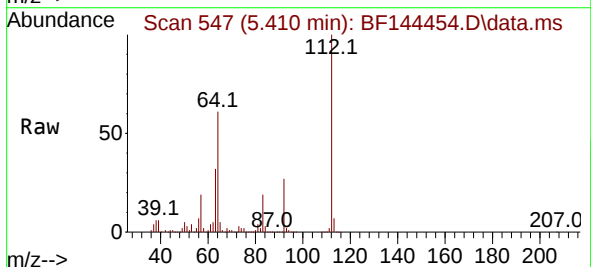
Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

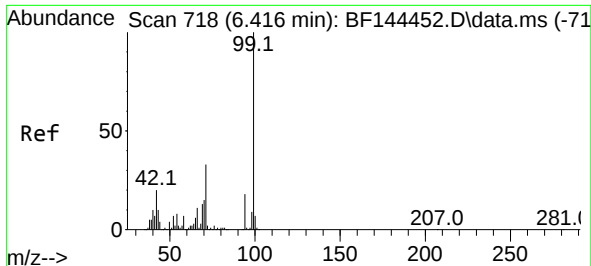
Tgt Ion:152 Resp: 203801
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.4 191.2
 115 62.0 51.4 77.0



#5
 2-Fluorophenol
 Concen: 137.882 ng
 RT: 5.410 min Scan# 547
 Delta R.T. 0.012 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Tgt Ion:112 Resp: 1863664
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.8 71.6
 63 31.5 24.6 37.0

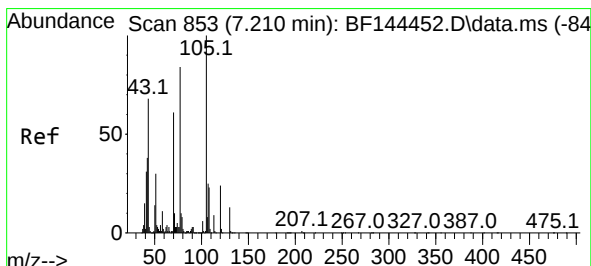
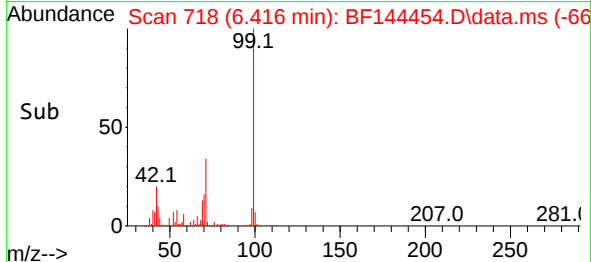
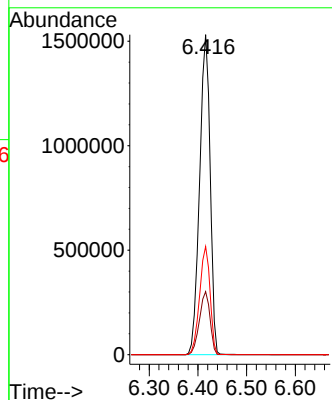
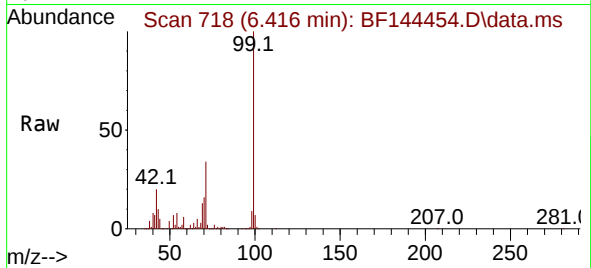




#7
Phenol-d6
Concen: 137.102 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

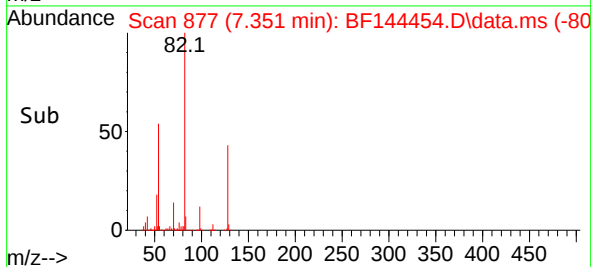
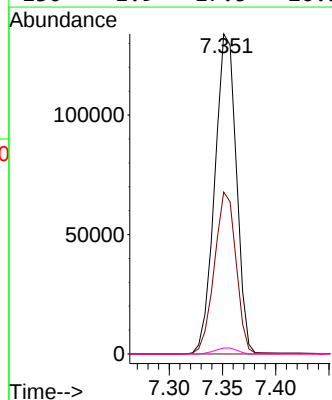
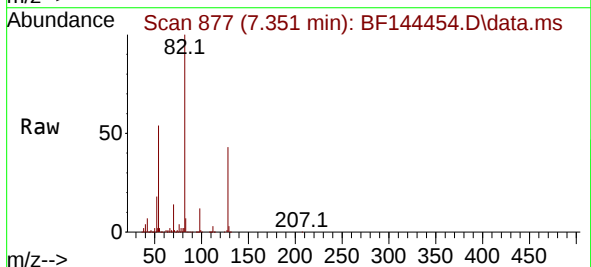
Instrument :
BNA_F
ClientSampleId :
PB170916BL

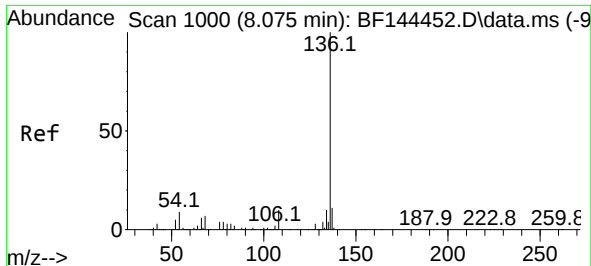
Tgt Ion: 99 Resp: 2311430
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 33.8 26.4 39.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.730 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion: 70 Resp: 188810
Ion Ratio Lower Upper
70 100
42 50.6 49.4 74.0
101 0.0 7.8 11.6#
130 1.9 17.5 26.3#

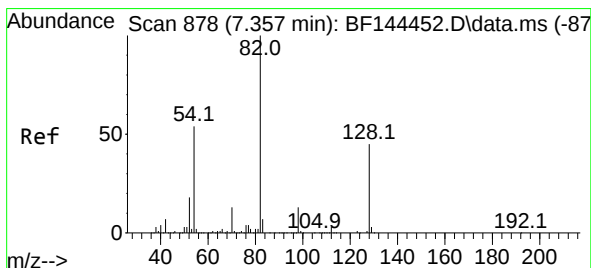
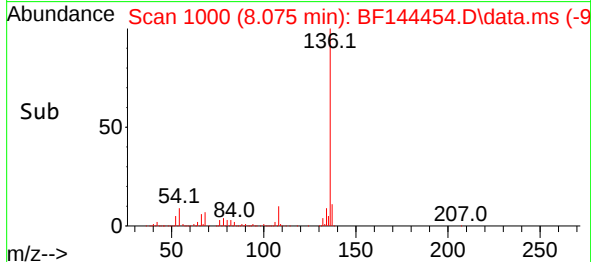
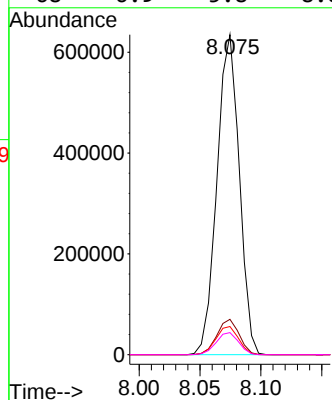
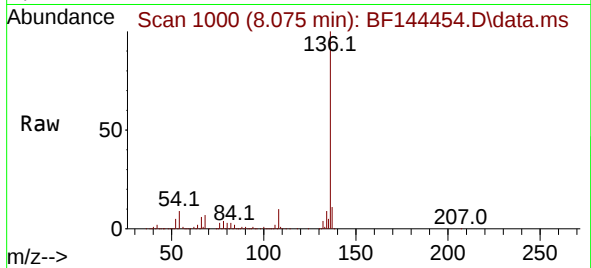




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

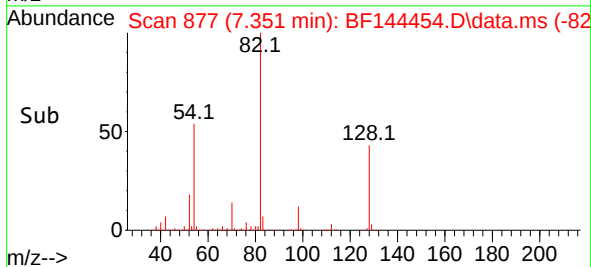
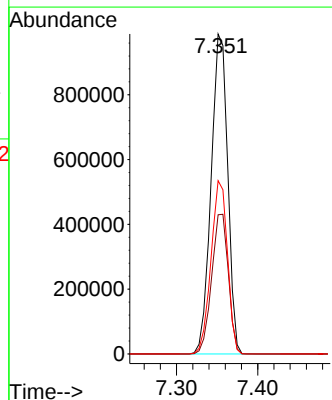
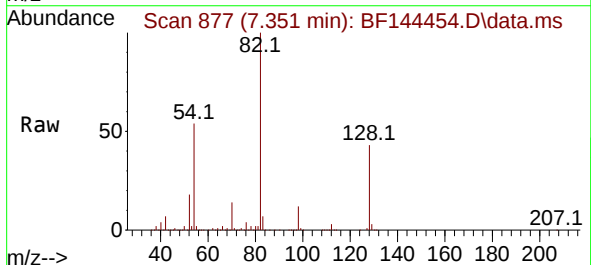
Instrument :
BNA_F
ClientSampleId :
PB170916BL

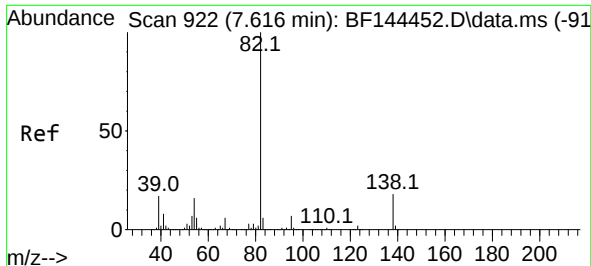
Tgt Ion:	136	Resp:	809340
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.5	11.3
68	6.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 108.118 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion:	82	Resp:	1398323
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.5	53.3
54	54.1	43.3	64.9

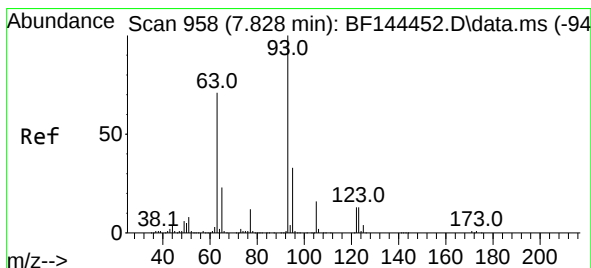
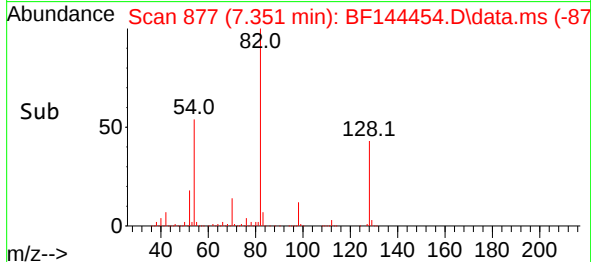
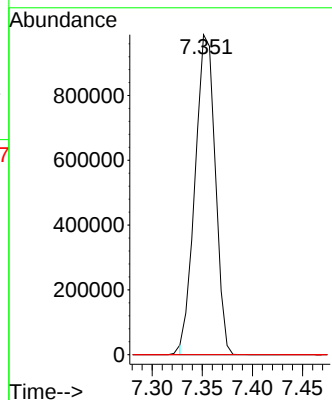
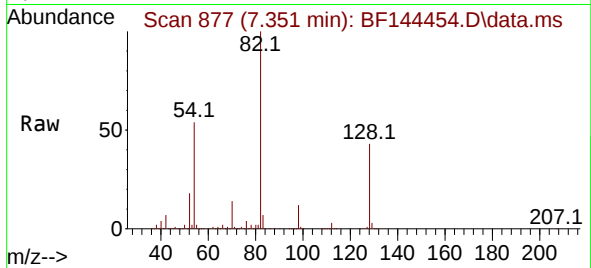




#25
Isophorone
Concen: 47.490 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

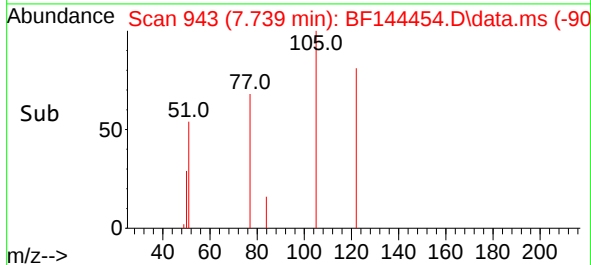
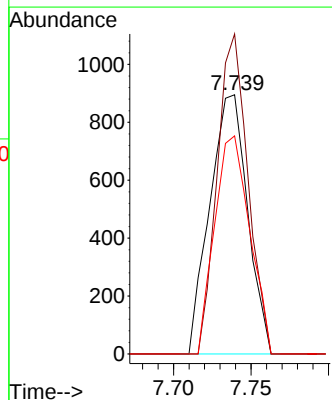
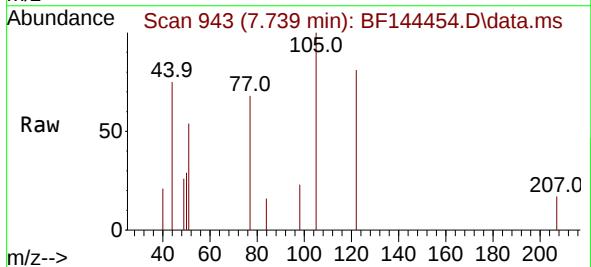
Instrument :
BNA_F
ClientSampleId :
PB170916BL

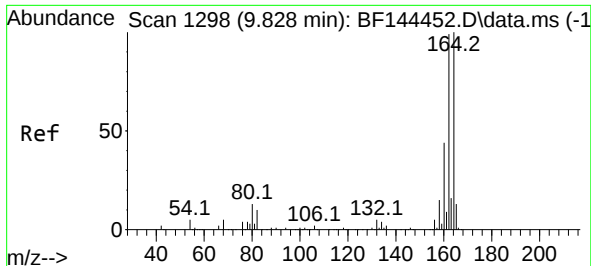
Tgt Ion: 82 Resp: 1386153
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.4 21.6#



#32
Benzoic acid
Concen: 6.629 ng
RT: 7.739 min Scan# 943
Delta R.T. -0.089 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

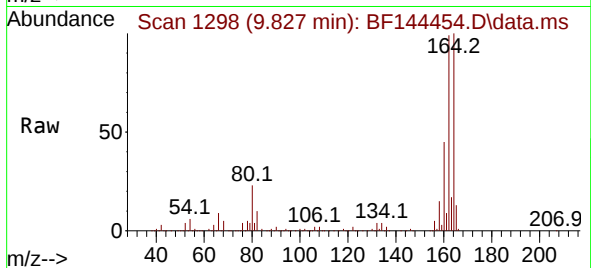
Tgt Ion:122 Resp: 1514
Ion Ratio Lower Upper
122 100
105 123.5 103.2 143.2
77 84.1 75.1 115.1



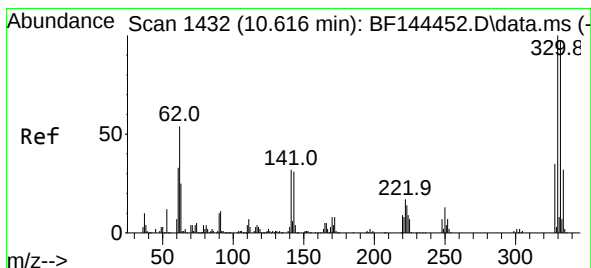
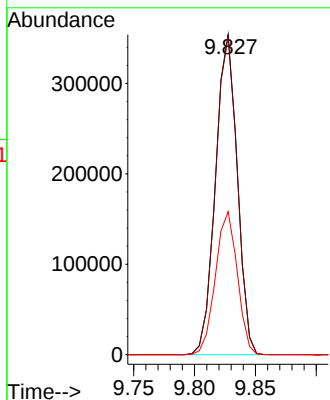
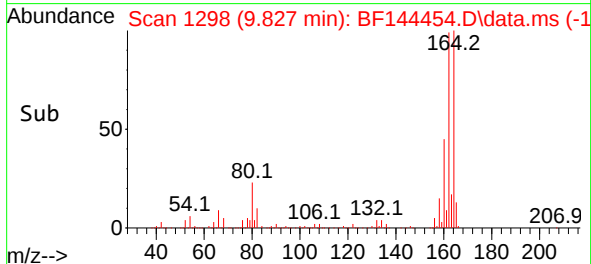


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

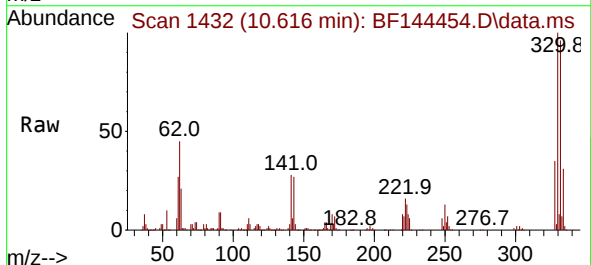
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BNA_F
ClientSampleId :
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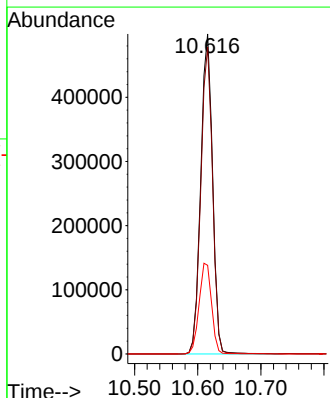
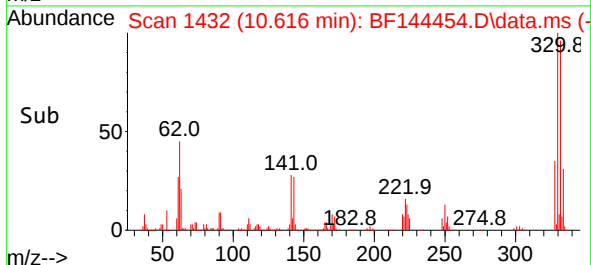
Tgt Ion:164 Resp: 440198
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 44.7 35.3 52.9

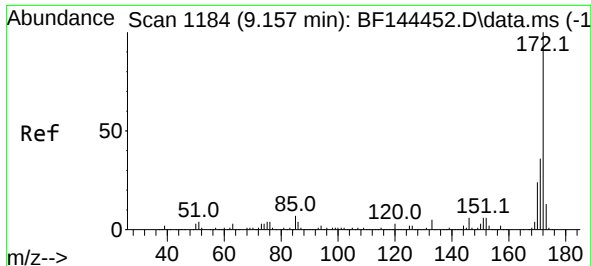


#42
2,4,6-Tribromophenol
Concen: 162.767 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50



Tgt Ion:330 Resp: 647784
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 29.9 26.2 39.2





#45

2-Fluorobiphenyl

Concen: 90.807 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144454.D

Acq: 12 Dec 2025 16:50

Instrument :

BNA_F

ClientSampleId :

PB170916BL

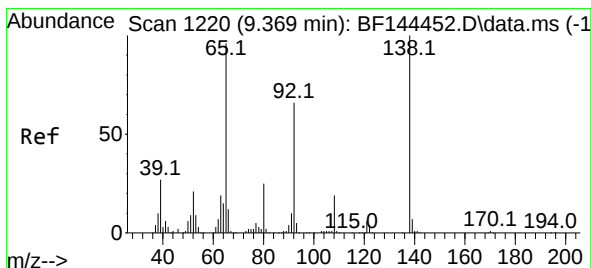
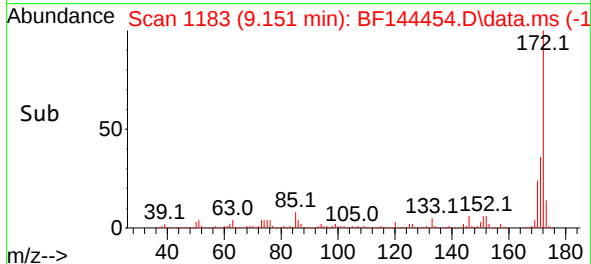
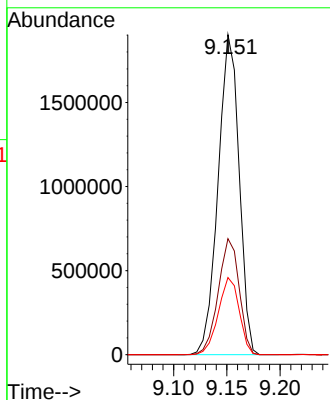
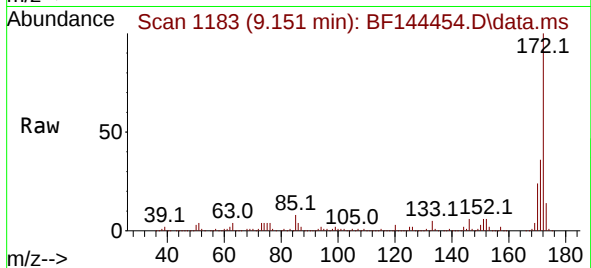
Tgt Ion:172 Resp: 2605675

Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.1 19.3 28.9



#48

2-Nitroaniline

Concen: 4.186 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.218 min

Lab File: BF144454.D

Acq: 12 Dec 2025 16:50

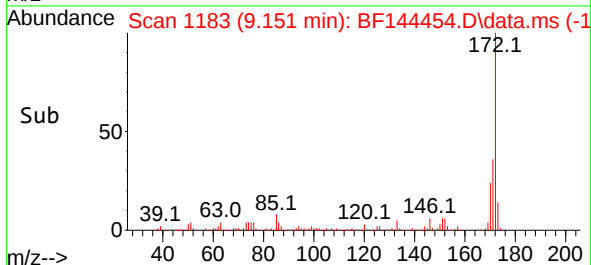
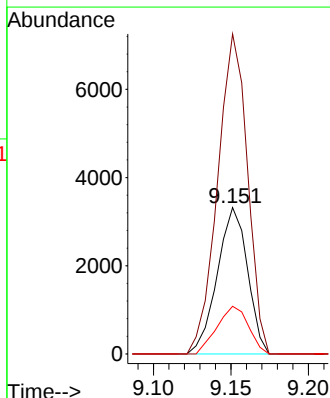
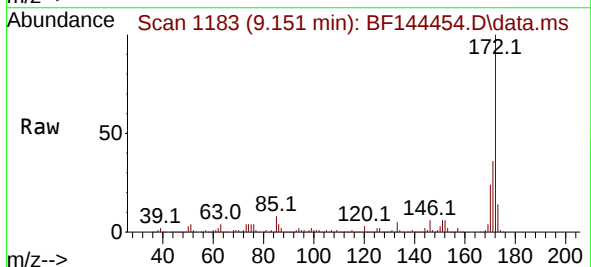
Tgt Ion: 65 Resp: 4505

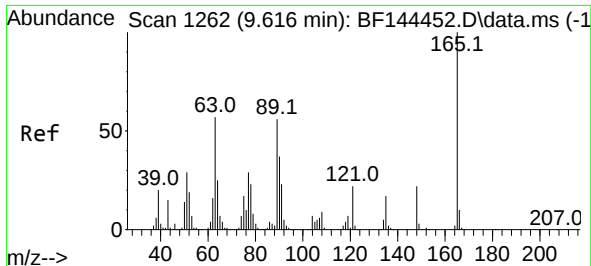
Ion Ratio Lower Upper

65 100

92 218.7 55.0 82.4#

138 32.5 83.4 125.2#

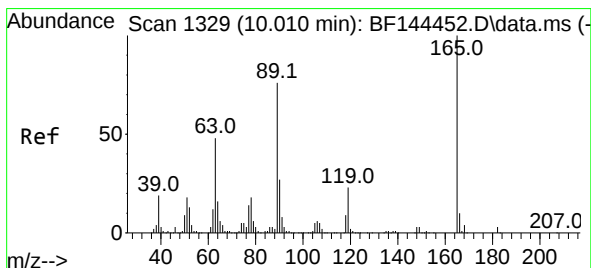
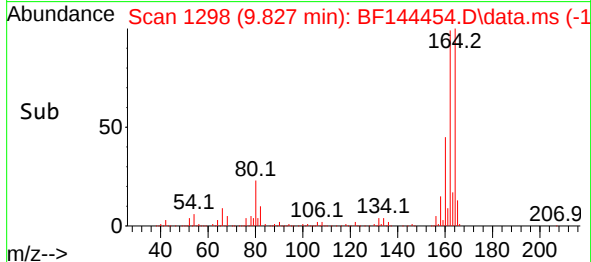
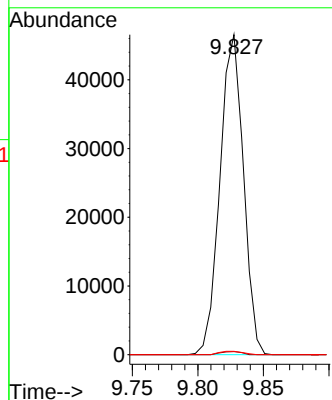
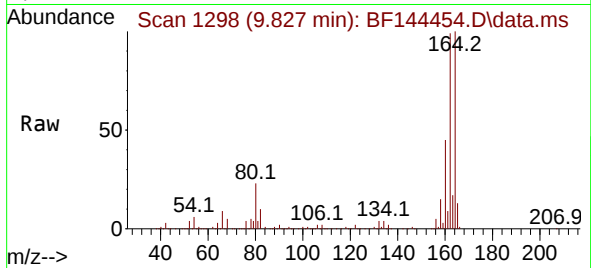




#51
2,6-Dinitrotoluene
Concen: 13.666 ng
RT: 9.827 min Scan# 1298
Delta R.T. 0.211 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

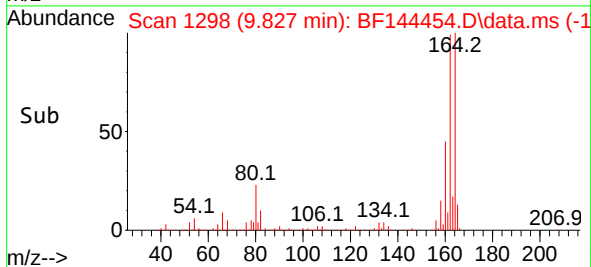
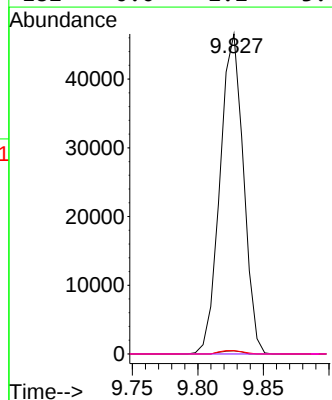
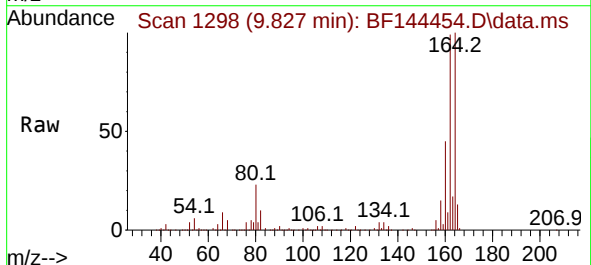
Instrument :
BNA_F
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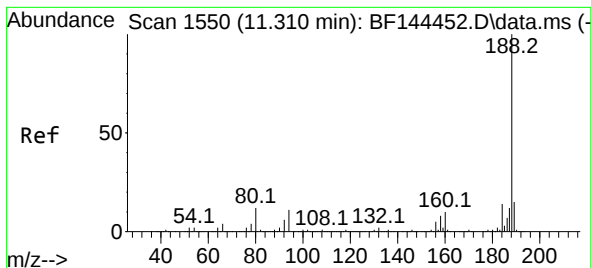
Tgt Ion:165 Resp: 57883
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.1 44.6 67.0#



#57
2,4-Dinitrotoluene
Concen: 11.035 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.183 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion:165 Resp: 57883
Ion Ratio Lower Upper
165 100
63 0.9 38.2 57.4#
89 1.1 61.2 91.8#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144454.D

Acq: 12 Dec 2025 16:50

Instrument :

BNA_F

ClientSampleId :

PB170916BL

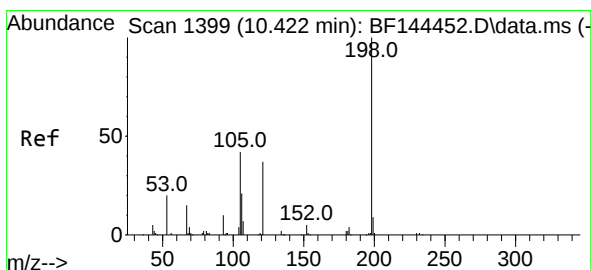
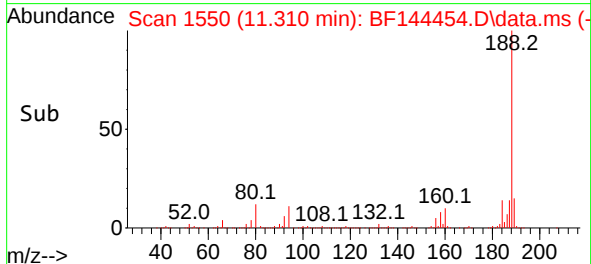
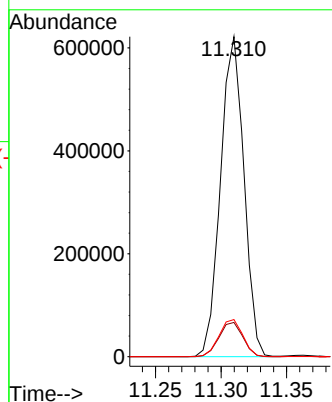
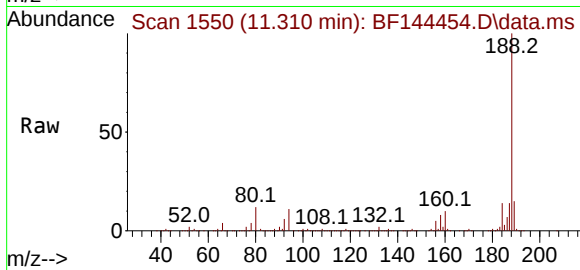
Tgt Ion:188 Resp: 771186

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

80 11.6 9.8 14.8



#65

4,6-Dinitro-2-methylphenol

Concen: 7.165 ng

RT: 10.610 min Scan# 1431

Delta R.T. 0.188 min

Lab File: BF144454.D

Acq: 12 Dec 2025 16:50

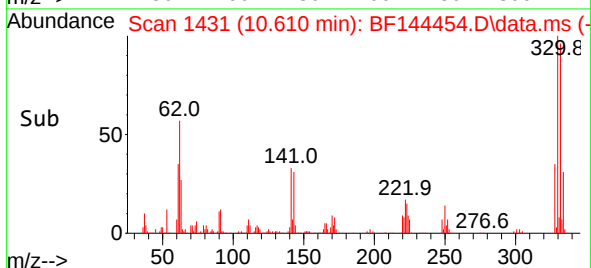
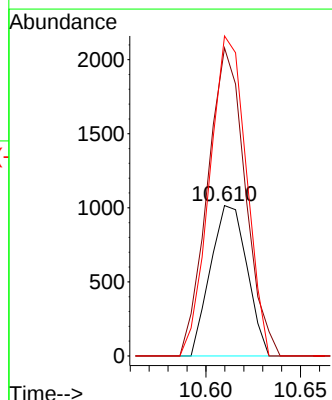
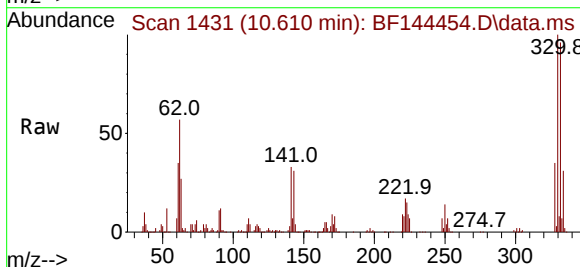
Tgt Ion:198 Resp: 1360

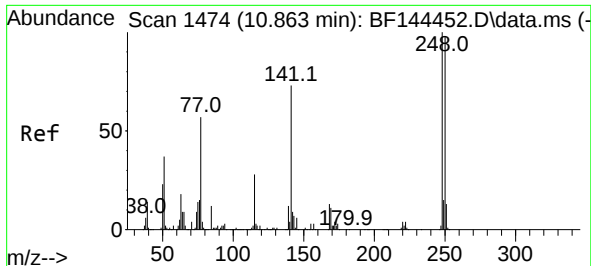
Ion Ratio Lower Upper

198 100

51 204.8 25.5 65.5#

105 212.8 23.4 63.4#

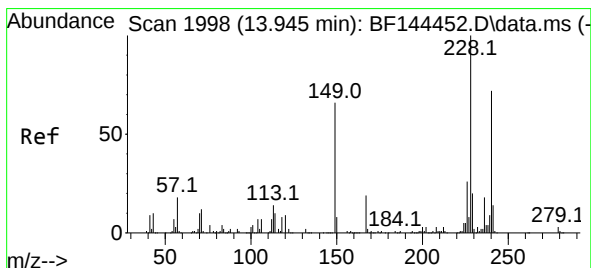
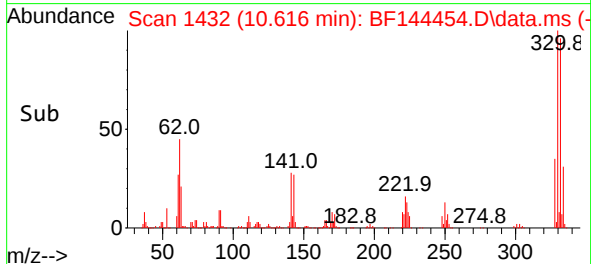
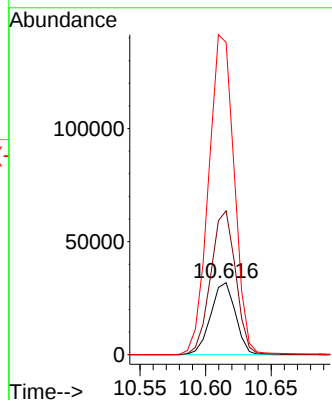
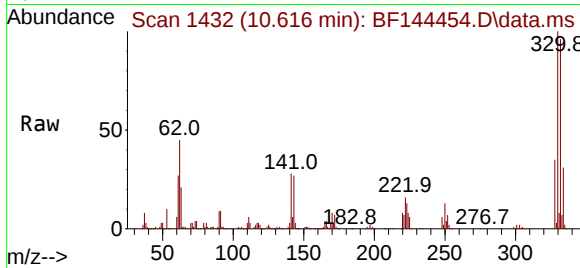




#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.616 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

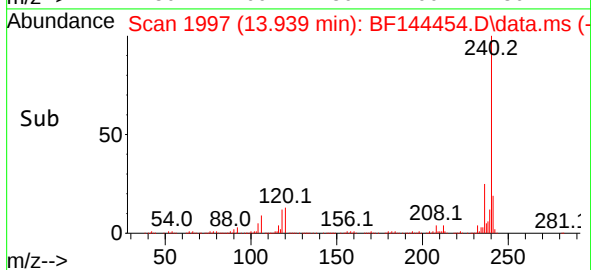
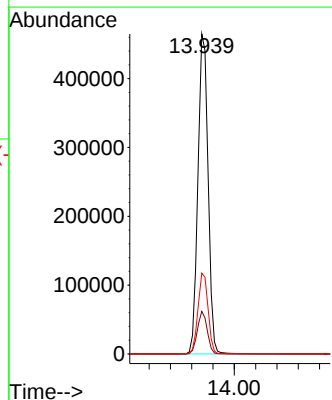
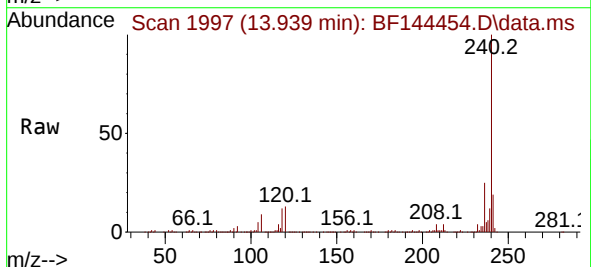
Instrument :
BNA_F
ClientSampleId :
PB170916BL

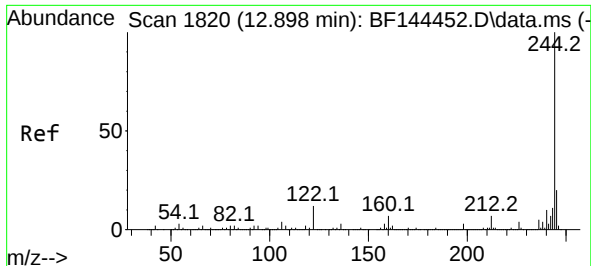
Tgt Ion:248 Resp: 41762
Ion Ratio Lower Upper
248 100
250 199.7 78.2 117.4#
141 433.8 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

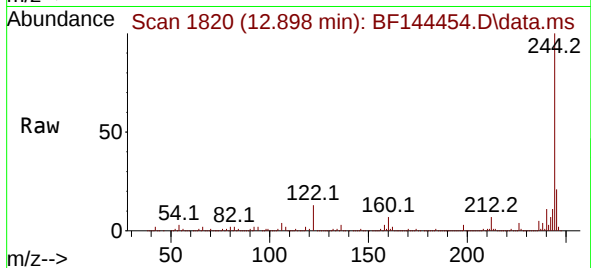
Tgt Ion:240 Resp: 613896
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 25.3 20.2 30.4



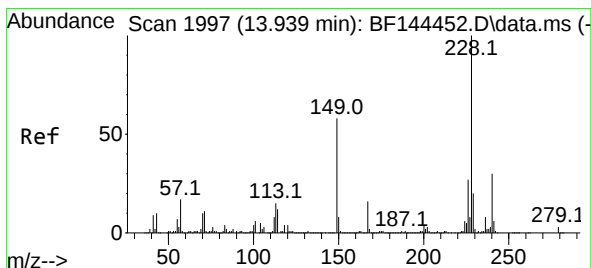
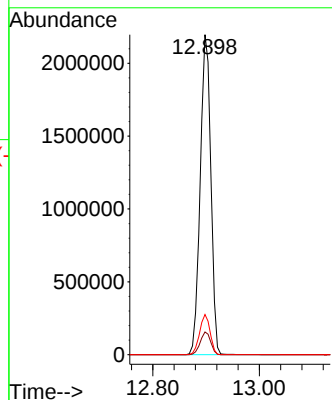
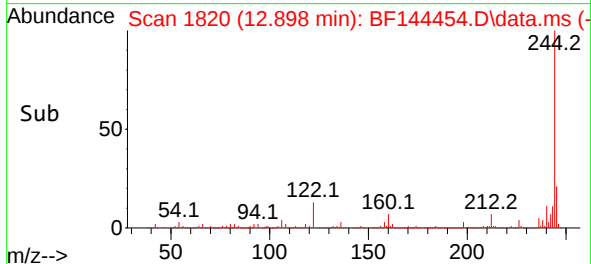


#79
 Terphenyl-d14
 Concen: 77.962 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

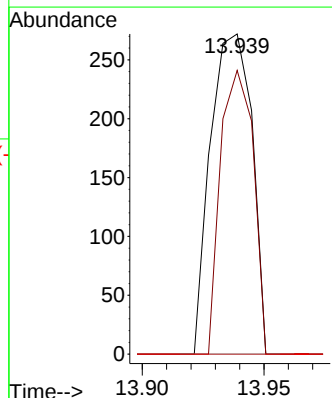
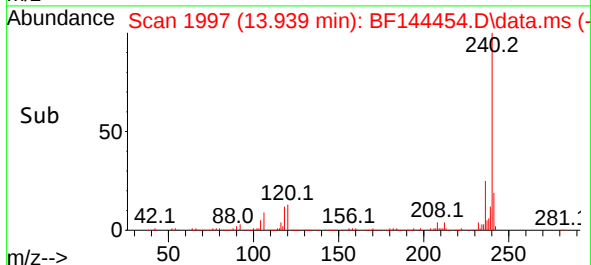
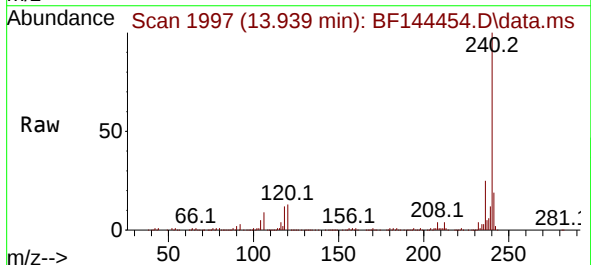


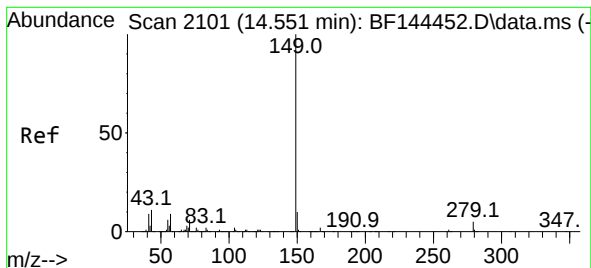
Tgt Ion:244 Resp: 3031495
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.6 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.920 ng
 RT: 13.939 min Scan# 1997
 Delta R.T. -0.000 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Tgt Ion:149 Resp: 322
 Ion Ratio Lower Upper
 149 100
 167 88.6 22.6 34.0#
 279 0.0 3.7 5.5#

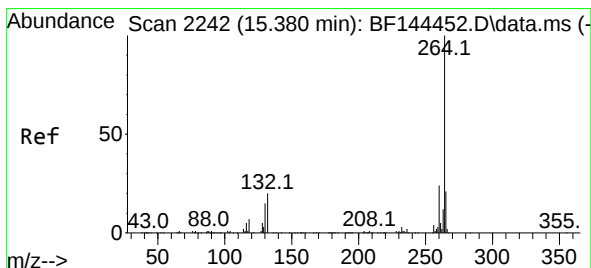
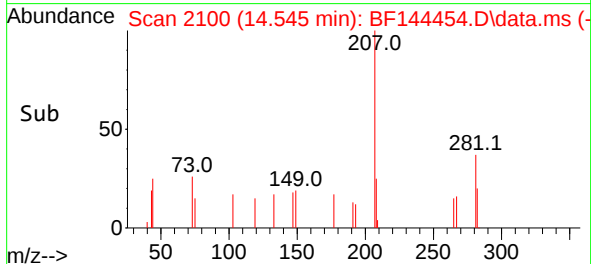
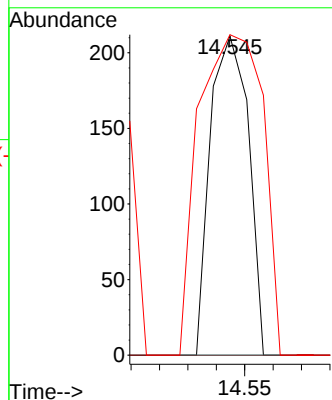
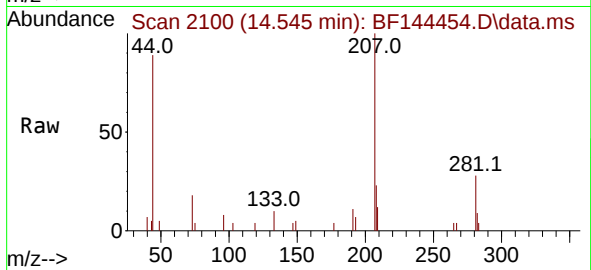




#85
Di-n-octyl phthalate
Concen: 6.507 ng
RT: 14.545 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Instrument :
BNA_F
ClientSampleId :
PB170916BL

Tgt Ion:149 Resp: 197
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 169.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion:264 Resp: 464092
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.5 17.1 25.7

