

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144468.D
 Acq On : 15 Dec 2025 12:13
 Operator : RC/JU
 Sample : PB170608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170608BL

Quant Time: Dec 15 12:35:41 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)

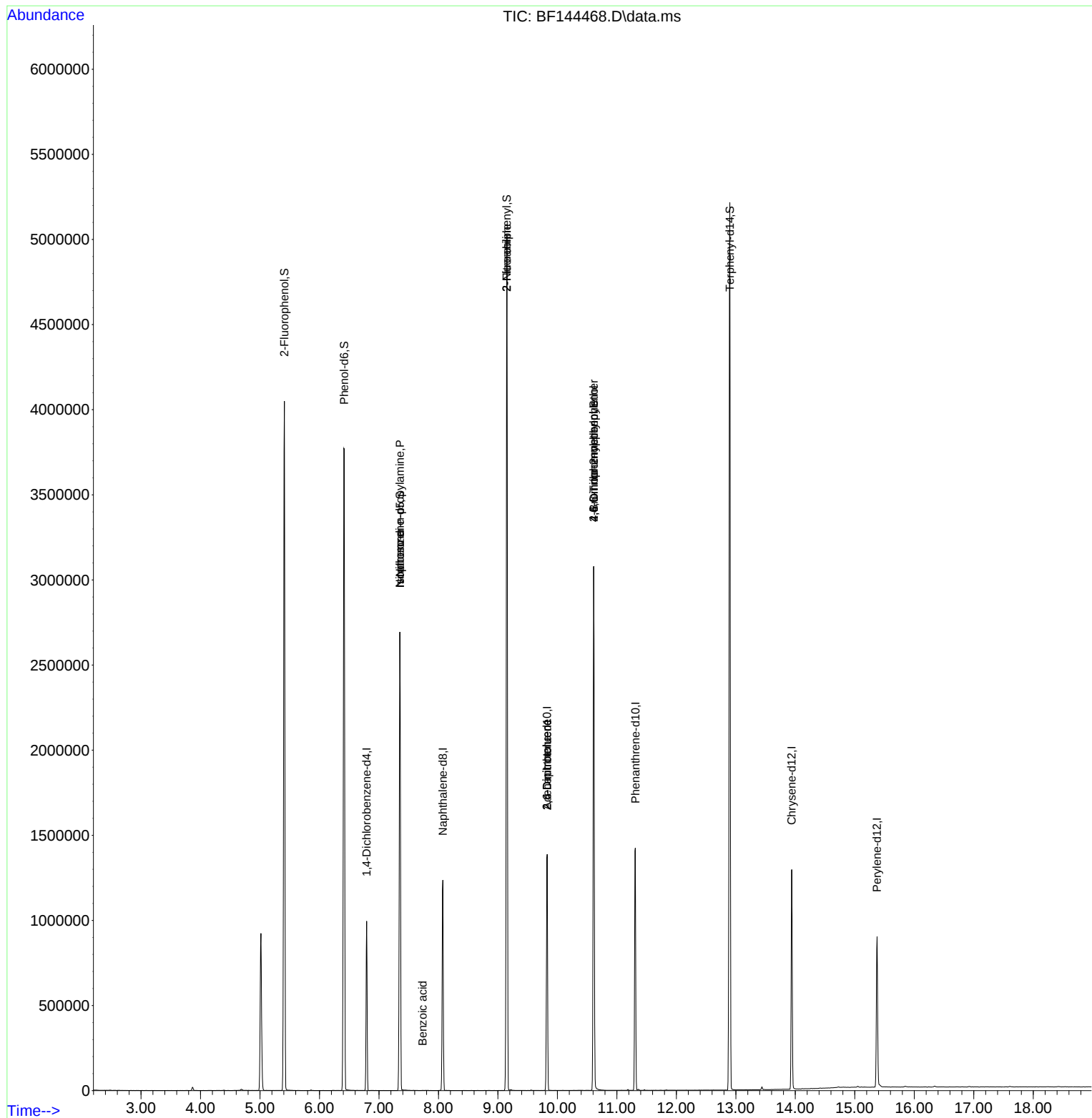
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	205039	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	804195	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	428264	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	738196	20.000	ng	0.00
76) Chrysene-d12	13.939	240	605978	20.000	ng	0.00
86) Perylene-d12	15.374	264	498999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1658191	121.940	ng	0.01
7) Phenol-d6	6.416	99	2027425	119.530	ng	0.00
23) Nitrobenzene-d5	7.351	82	1223408	95.199	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	548392	141.633	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2282806	81.772	ng	0.00
79) Terphenyl-d14	12.898	244	2607688	67.939	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	163119	15.225	ng	# 78
25) Isophorone	7.351	82	1205569	41.567	ng	# 65
32) Benzoic acid	7.734	122	179	6.484	ng	# 49
48) 2-Nitroaniline	9.151	65	3710	4.101	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	54882	13.418	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	54882	10.853	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.610	198	1096	7.108	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	33411	3.877	ng	# 1

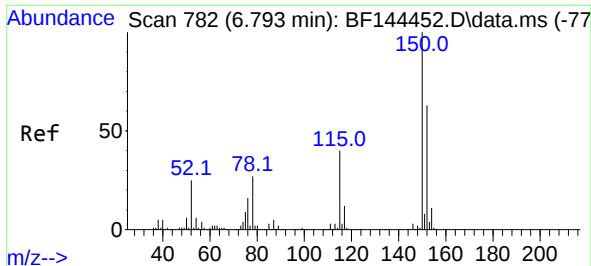
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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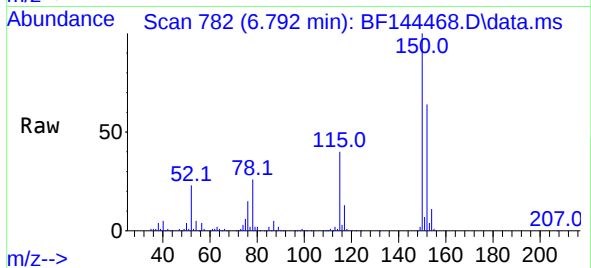
Quant Time: Dec 15 12:35:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration



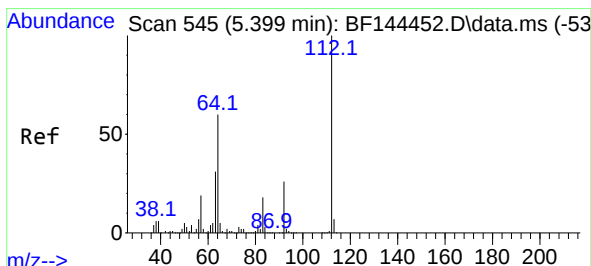
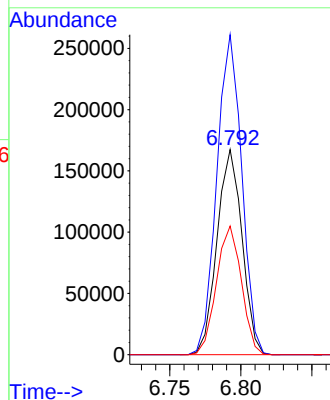
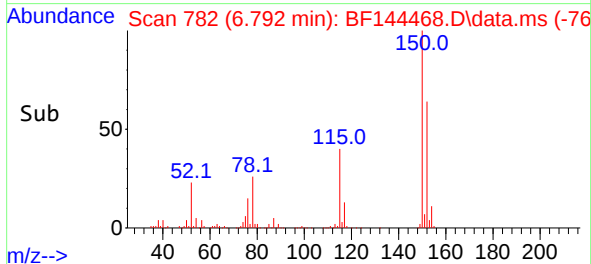


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB170608BL

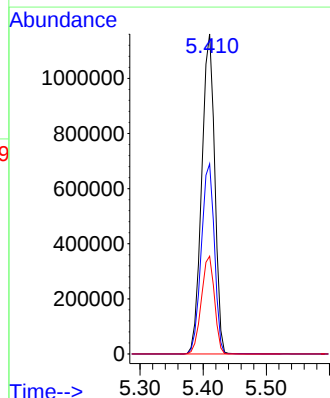
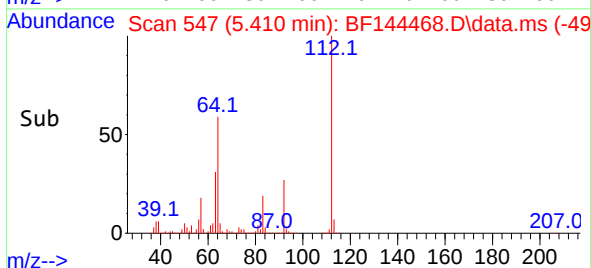
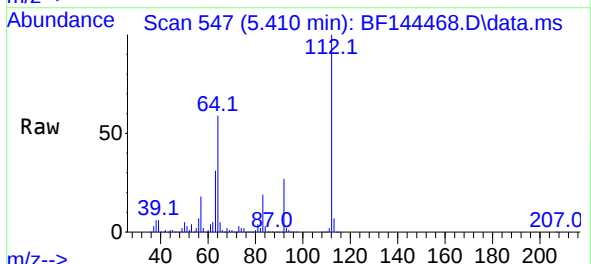


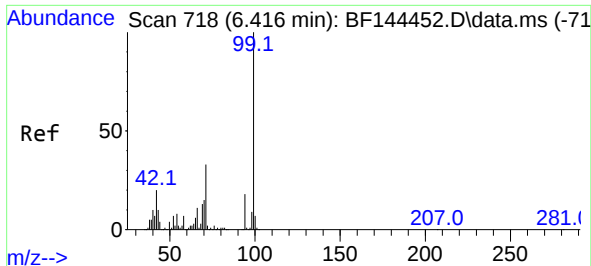
Tgt Ion:152 Resp: 205039
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 62.7 51.4 77.0



#5
2-Fluorophenol
Concen: 121.940 ng
RT: 5.410 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

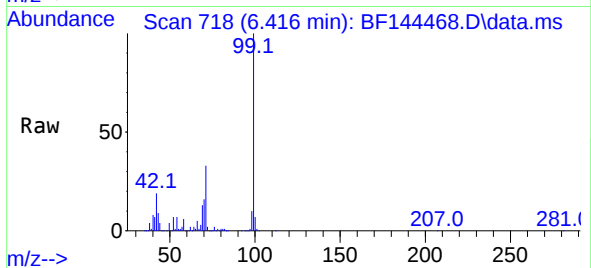
Tgt Ion:112 Resp: 1658191
Ion Ratio Lower Upper
112 100
64 59.4 47.8 71.6
63 30.6 24.6 37.0





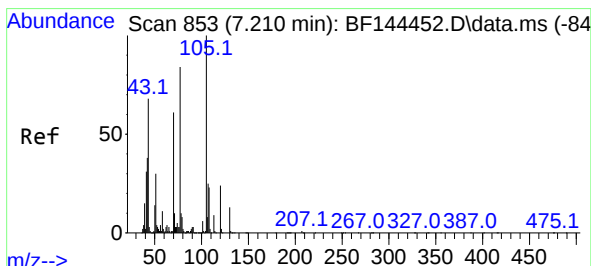
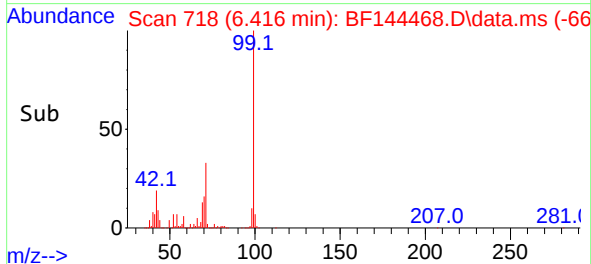
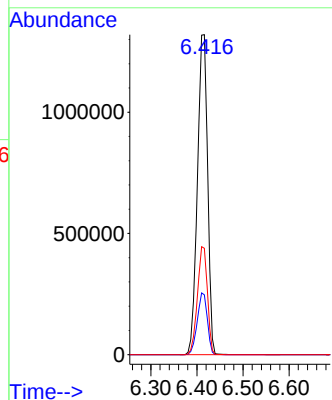
#7
Phenol-d6
Concen: 119.530 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 2027425

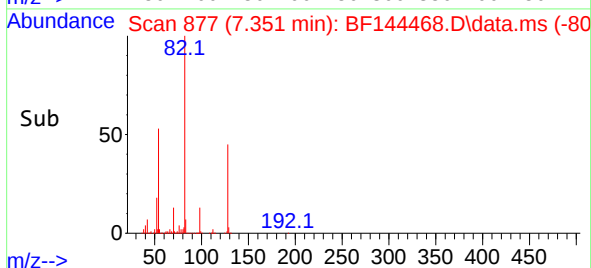
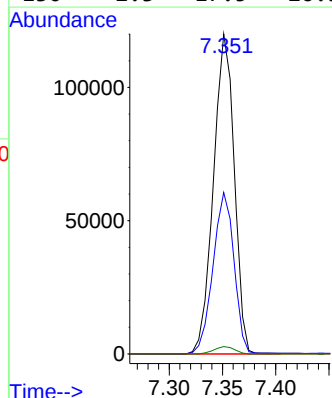
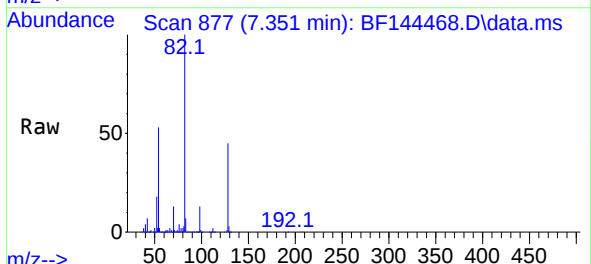
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.7	23.5
71	33.3	26.4	39.6

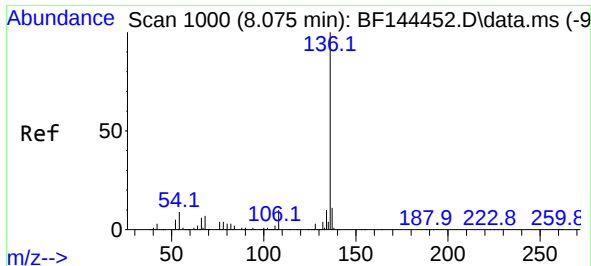


#19
n-Nitroso-di-n-propylamine
Concen: 15.225 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion: 70 Resp: 163119

Ion	Ratio	Lower	Upper
70	100		
42	50.5	49.4	74.0
101	0.0	7.8	11.6#
130	2.3	17.5	26.3#

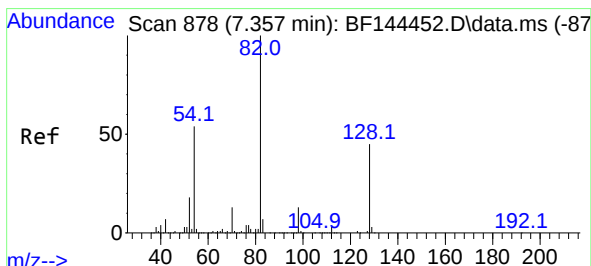
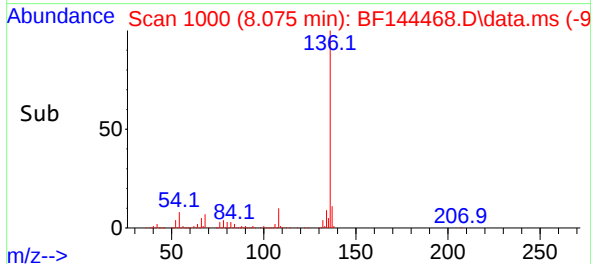
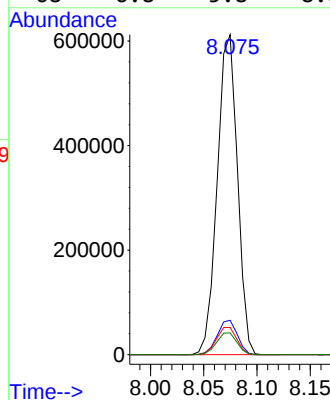
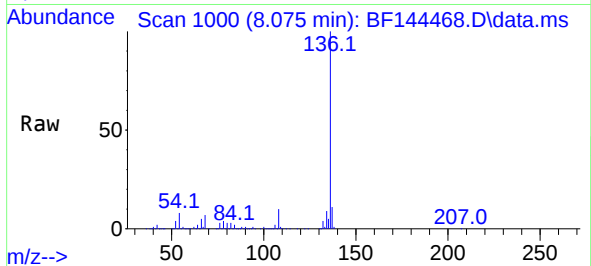




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

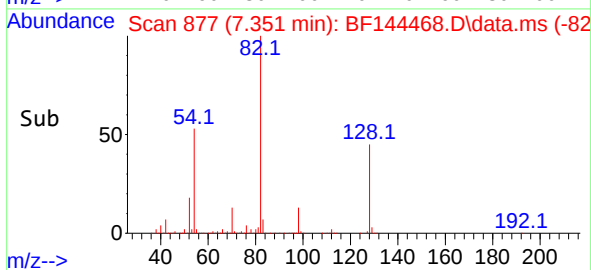
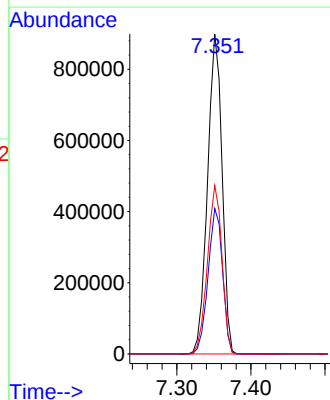
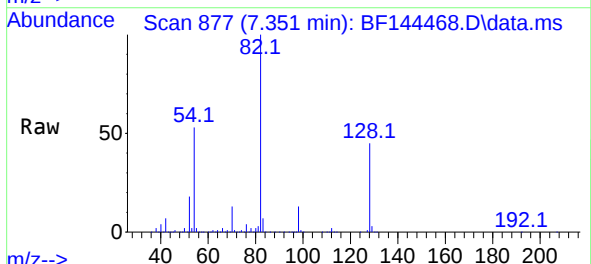
Instrument :
BNA_F
ClientSampleId :
PB170608BL

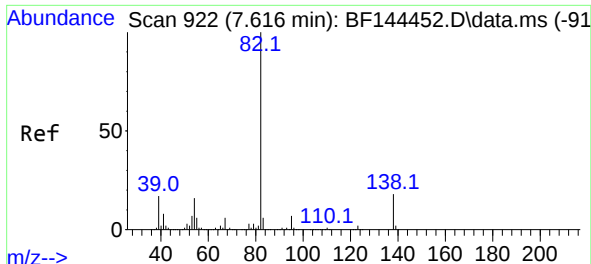
Tgt Ion:	136	Resp:	804195
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.5	7.5	11.3
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 95.199 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:	82	Resp:	1223408
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	52.6	43.3	64.9

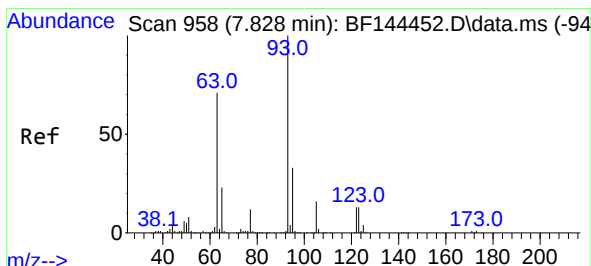
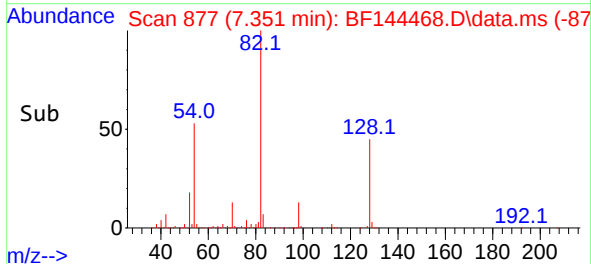
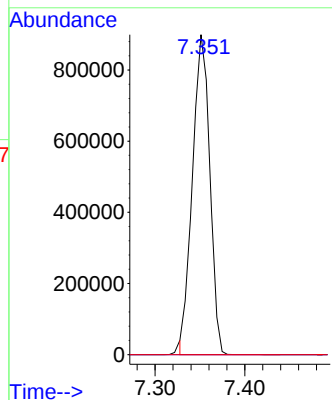
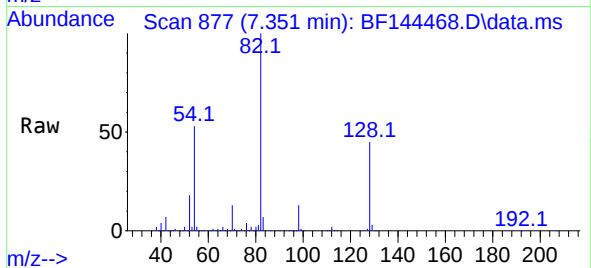




#25
Isophorone
Concen: 41.567 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

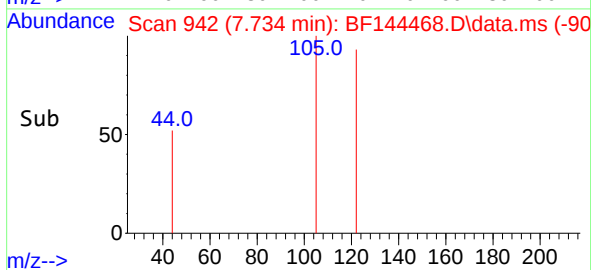
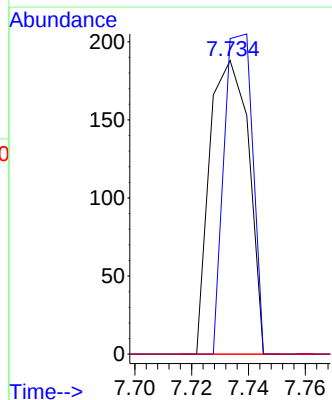
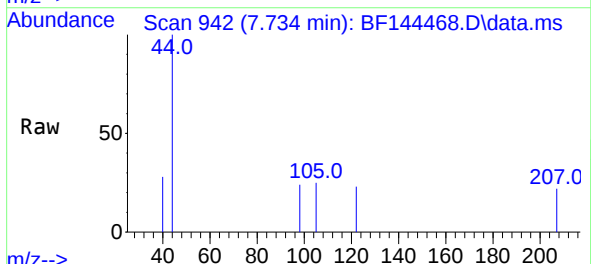
Instrument :
BNA_F
ClientSampleId :
PB170608BL

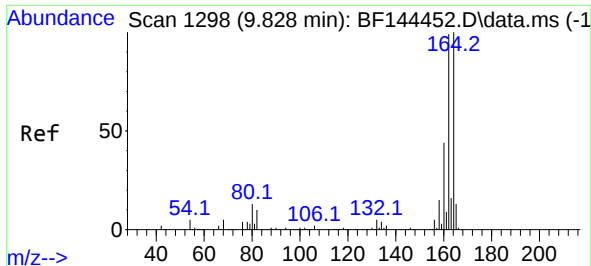
Tgt Ion: 82 Resp: 1205569
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.4 21.6#



#32
Benzoic acid
Concen: 6.484 ng
RT: 7.734 min Scan# 942
Delta R.T. -0.095 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

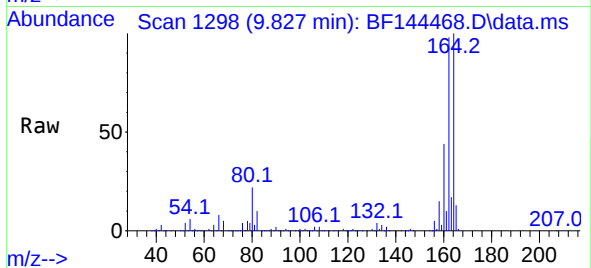
Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 107.4 103.2 143.2
77 0.0 75.1 115.1#



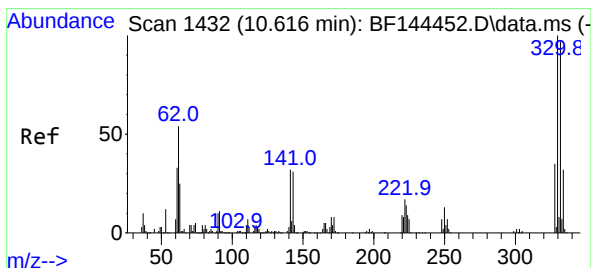
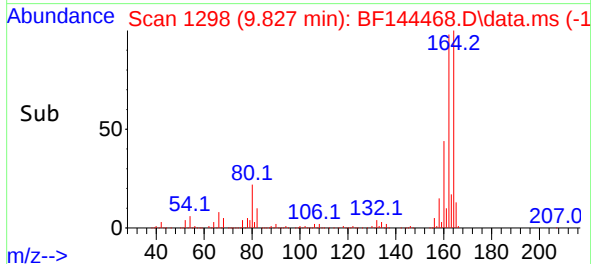
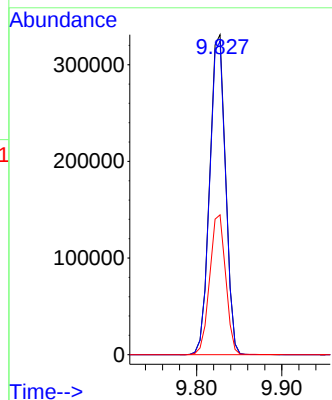


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB170608BL

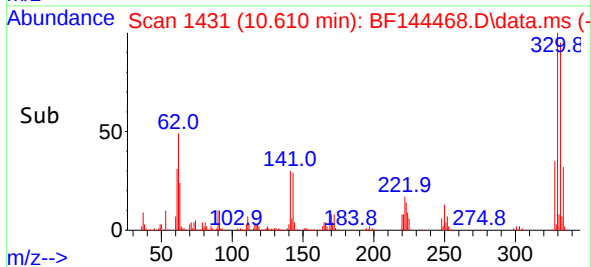
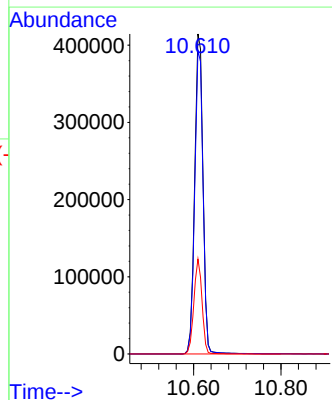
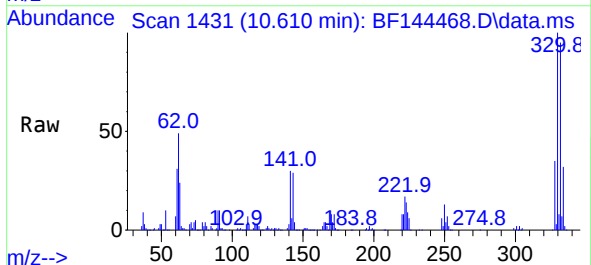


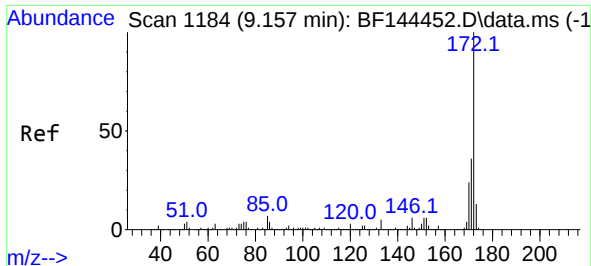
Tgt Ion:164 Resp: 428264
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 141.633 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:330 Resp: 548392
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 29.1 26.2 39.2

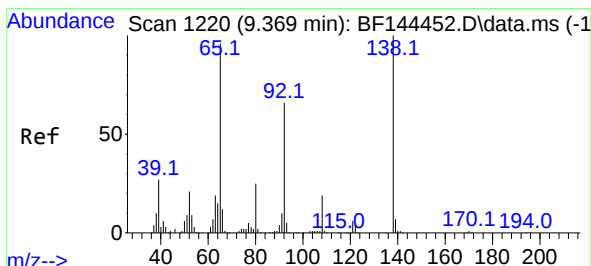
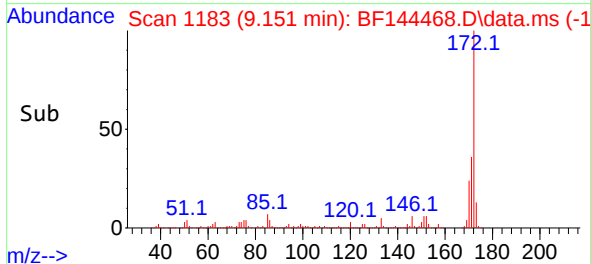
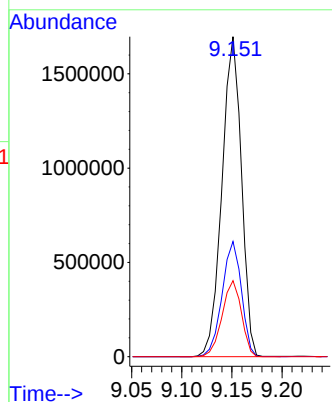
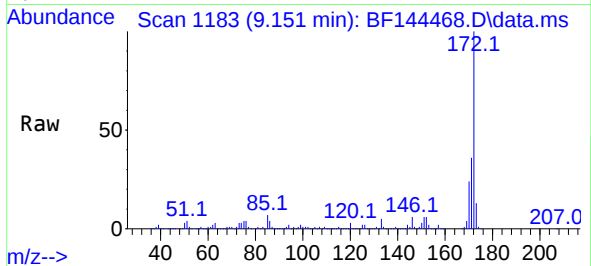




#45
2-Fluorobiphenyl
Concen: 81.772 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

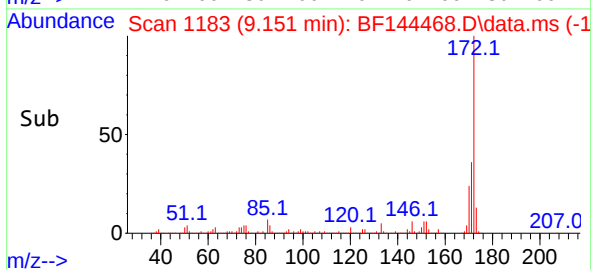
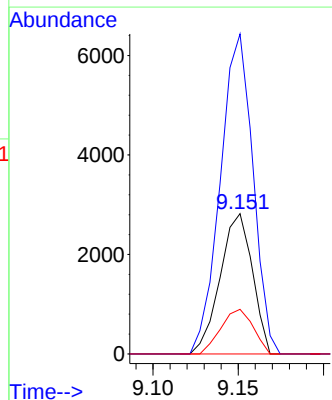
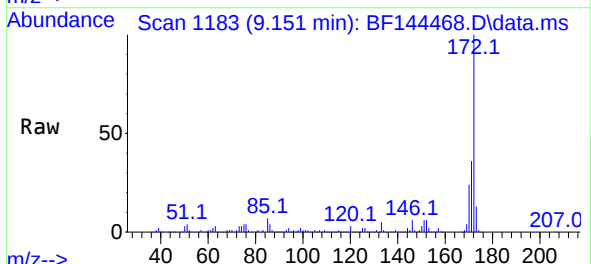
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ClientSampleId :
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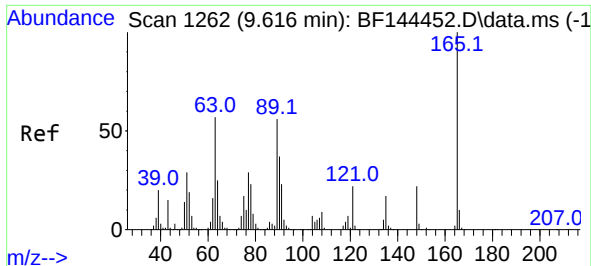
Tgt Ion:172 Resp: 2282806
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.7 19.3 28.9



#48
2-Nitroaniline
Concen: 4.101 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.218 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion: 65 Resp: 3710
Ion Ratio Lower Upper
65 100
92 228.1 55.0 82.4#
138 31.8 83.4 125.2#

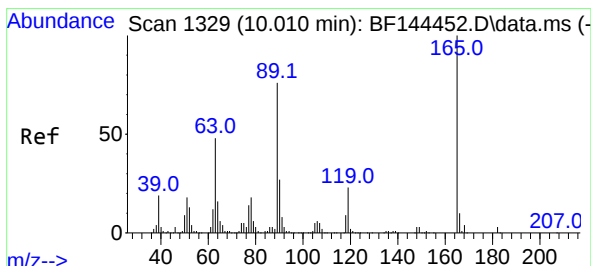
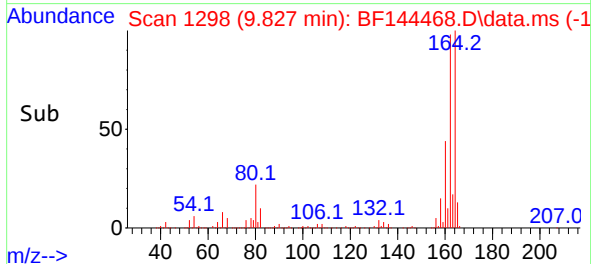
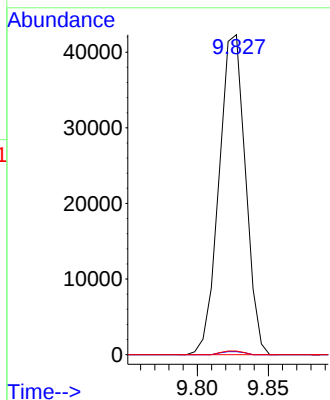
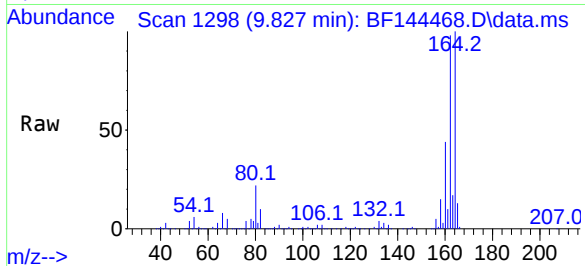




#51
2,6-Dinitrotoluene
Concen: 13.418 ng
RT: 9.827 min Scan# 1298
Delta R.T. 0.211 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

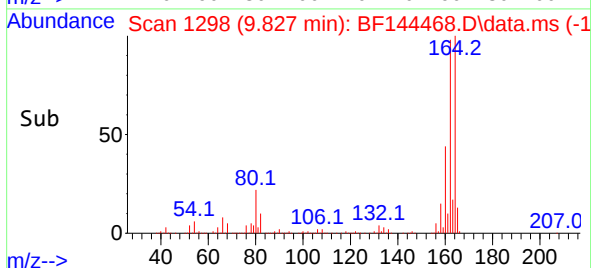
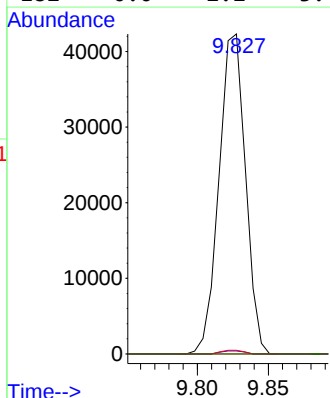
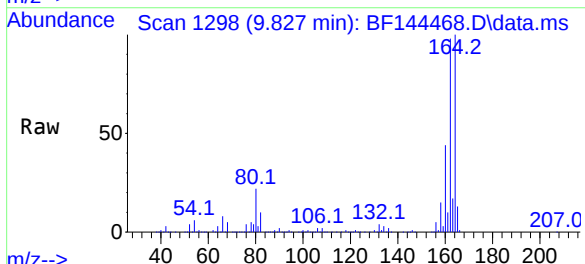
Instrument :
BNA_F
ClientSampleId :
PB170608BL

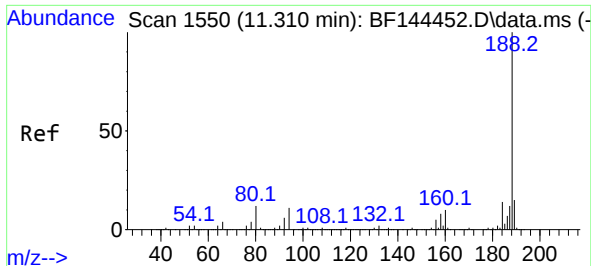
Tgt Ion:165 Resp: 54882
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.6 67.0#



#57
2,4-Dinitrotoluene
Concen: 10.853 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.183 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:165 Resp: 54882
Ion Ratio Lower Upper
165 100
63 1.0 38.2 57.4#
89 1.1 61.2 91.8#
182 0.0 2.2 3.4#

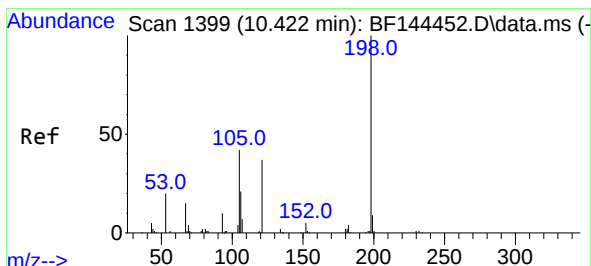
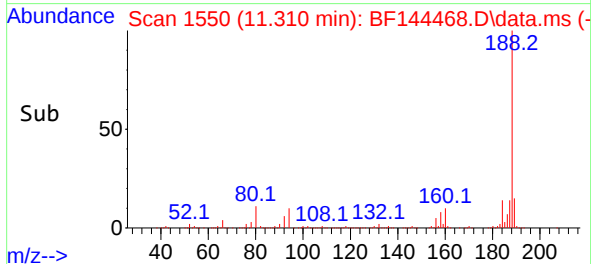
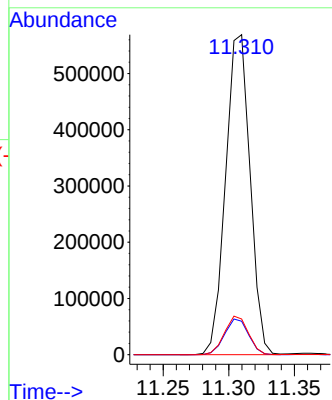
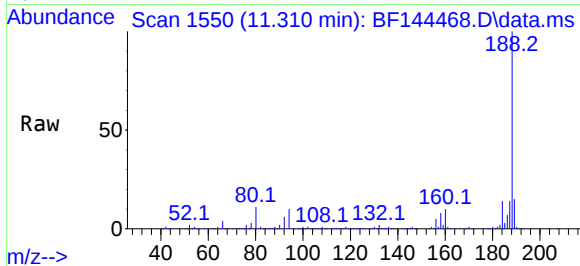




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

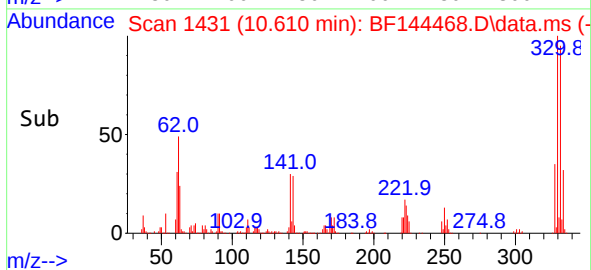
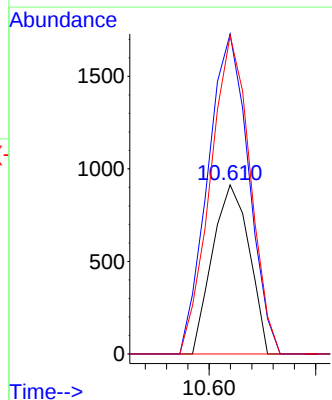
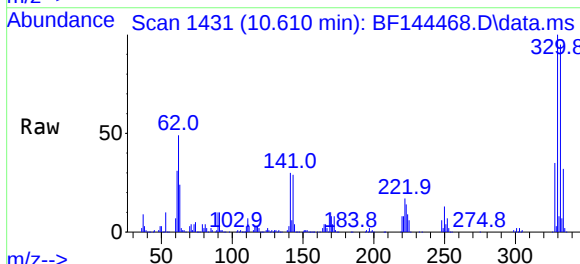
Instrument :
BNA_F
ClientSampleId :
PB170608BL

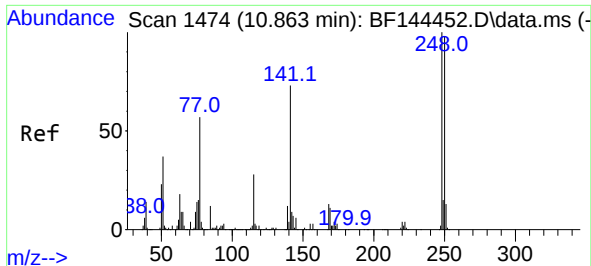
Tgt Ion:188 Resp: 738196
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.2 9.8 14.8



#65
4,6-Dinitro-2-methylphenol
Concen: 7.108 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.188 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:198 Resp: 1096
Ion Ratio Lower Upper
198 100
51 189.2 25.5 65.5#
105 188.2 23.4 63.4#

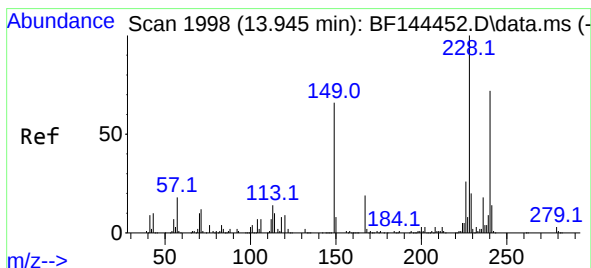
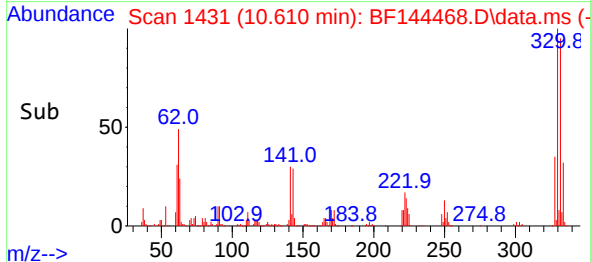
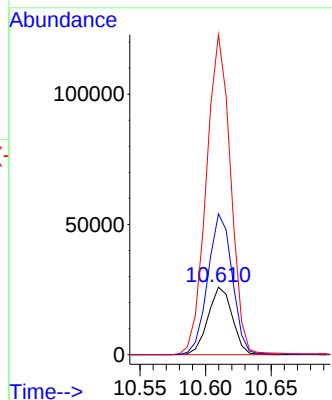
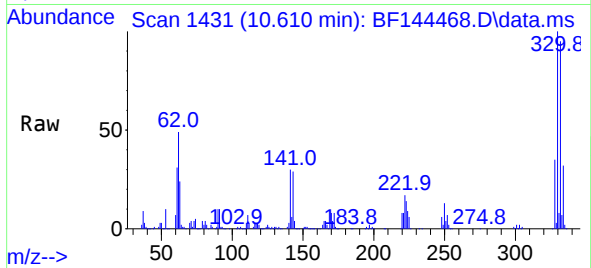




#67
4-Bromophenyl-phenylether
Concen: 3.877 ng
RT: 10.610 min Scan# 1474
Delta R.T. -0.253 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

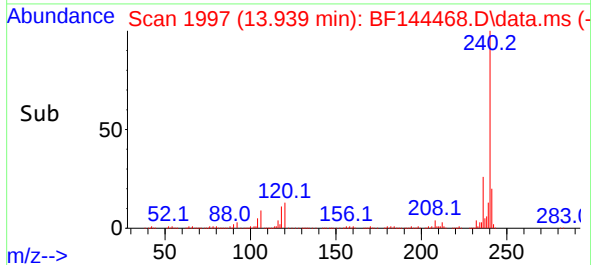
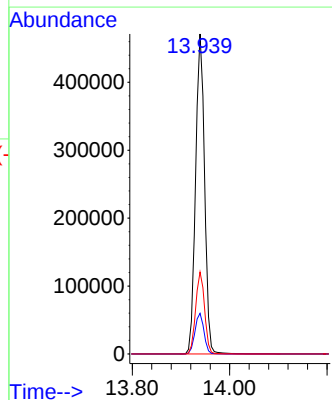
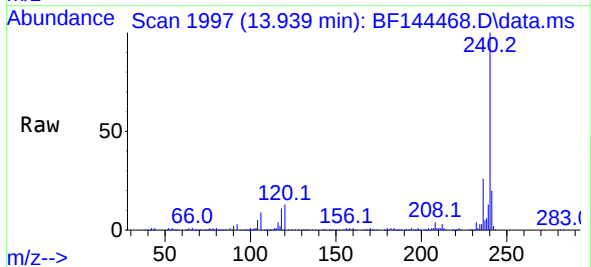
Instrument :
BNA_F
ClientSampleId :
PB170608BL

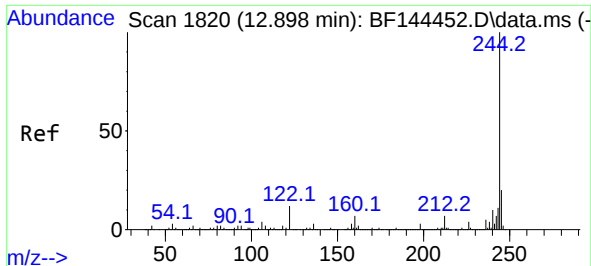
Tgt Ion:248 Resp: 33411
Ion Ratio Lower Upper
248 100
250 208.7 78.2 117.4#
141 474.2 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

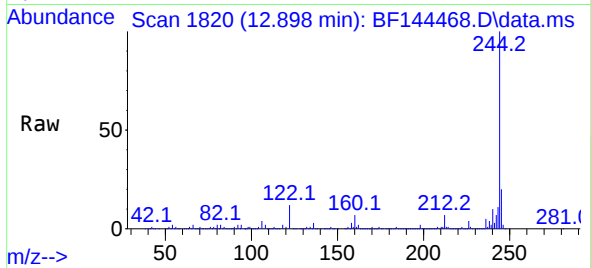
Tgt Ion:240 Resp: 605978
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 25.6 20.2 30.4



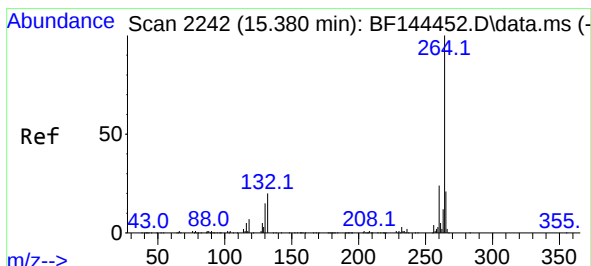
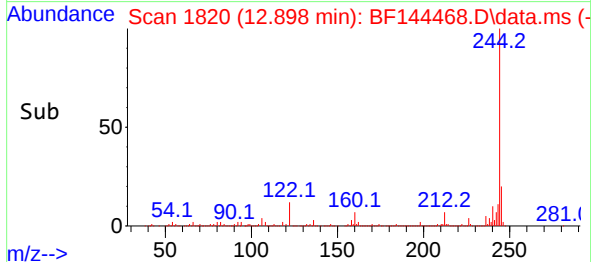
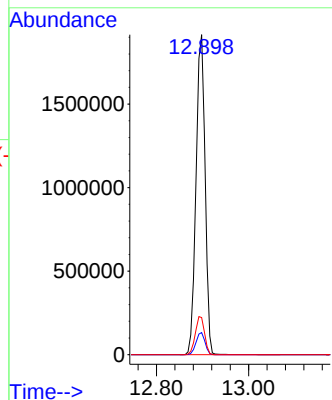


#79
 Terphenyl-d14
 Concen: 67.939 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144468.D
 Acq: 15 Dec 2025 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB170608BL



Tgt Ion:244 Resp: 2607688
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2241
 Delta R.T. -0.006 min
 Lab File: BF144468.D
 Acq: 15 Dec 2025 12:13

Tgt Ion:264 Resp: 498999
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 17.1 25.7

