

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144487.D
 Acq On : 16 Dec 2025 11:18
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Quant Time: Dec 16 11:38:22 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)

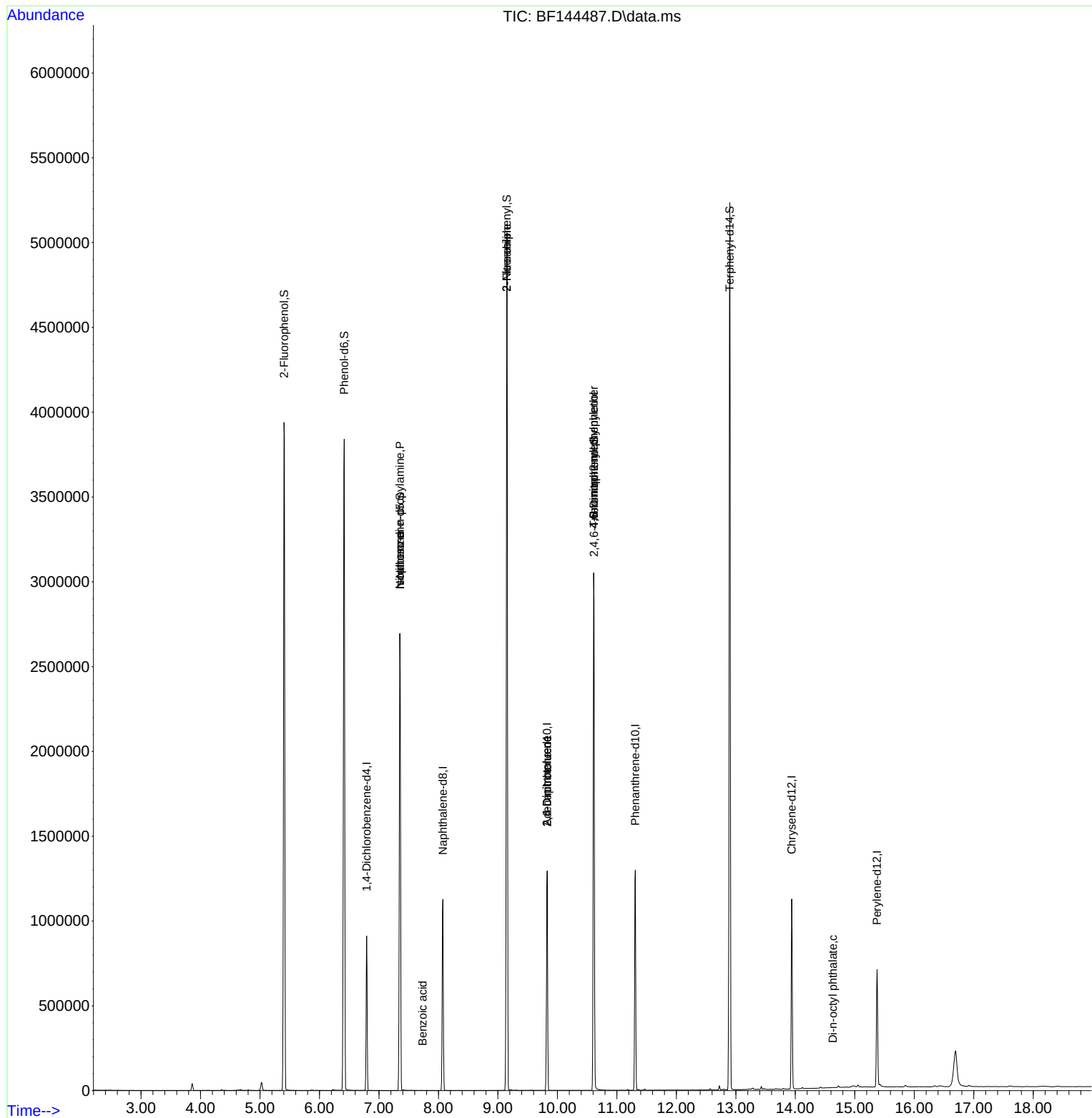
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	184592	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	716139	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	383669	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	654784	20.000	ng	0.00
76) Chrysene-d12	13.939	240	522370	20.000	ng	0.00
86) Perylene-d12	15.374	264	385048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1649779	134.759	ng	0.00
7) Phenol-d6	6.416	99	2041785	133.711	ng	0.00
23) Nitrobenzene-d5	7.351	82	1244507	108.748	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	550439	158.686	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2285714	91.393	ng	0.00
79) Terphenyl-d14	12.898	244	2567280	77.592	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	166078	17.218	ng	# 77
25) Isophorone	7.351	82	1230247	47.634	ng	# 65
32) Benzoic acid	7.734	122	59	6.471	ng	# 88
48) 2-Nitroaniline	9.151	65	3954	4.190	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	49853	13.551	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	49853	10.950	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.610	198	1182	7.173	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	35094	4.591	ng	# 1
85) Di-n-octyl phthalate	14.633	149	53	6.504	ng	# 73

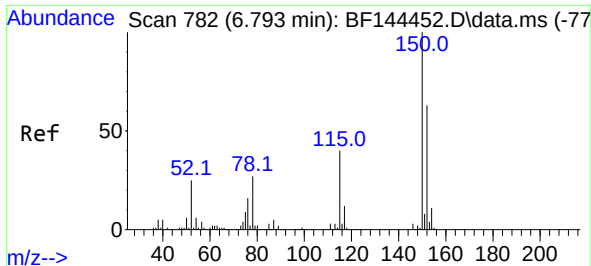
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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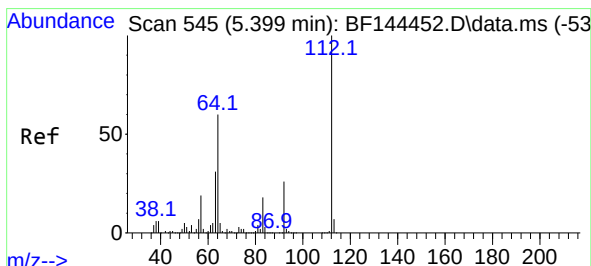
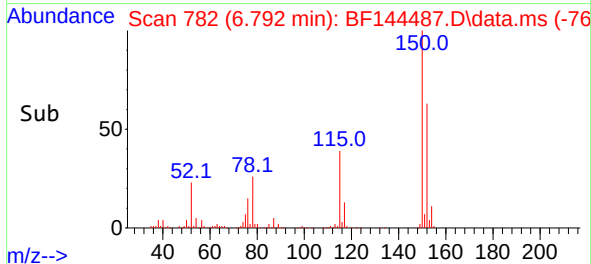
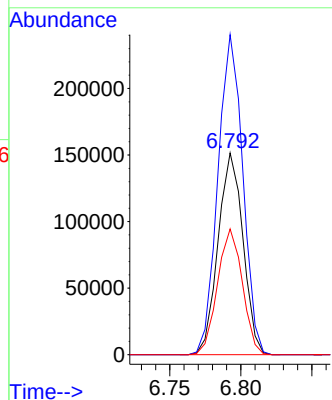
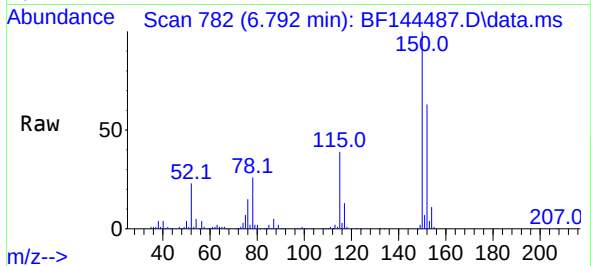




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

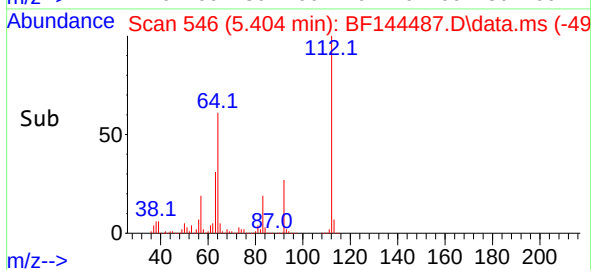
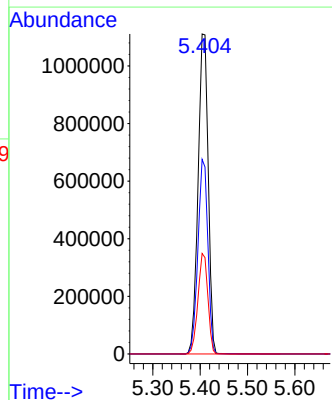
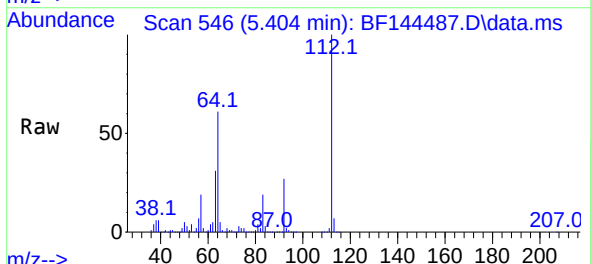
Instrument :
BNA_F
ClientSampleId :
PB170631BL

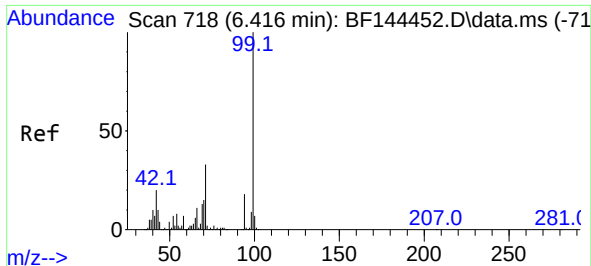
Tgt Ion:152 Resp: 184592
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.2
115 62.4 51.4 77.0



#5
2-Fluorophenol
Concen: 134.759 ng
RT: 5.404 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion:112 Resp: 1649779
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 31.4 24.6 37.0

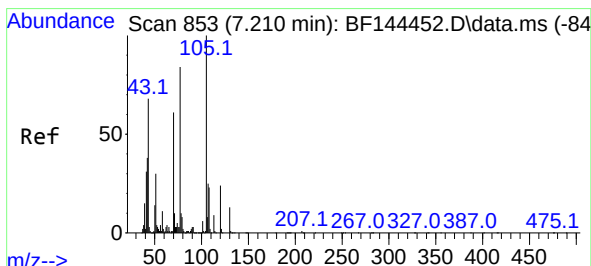
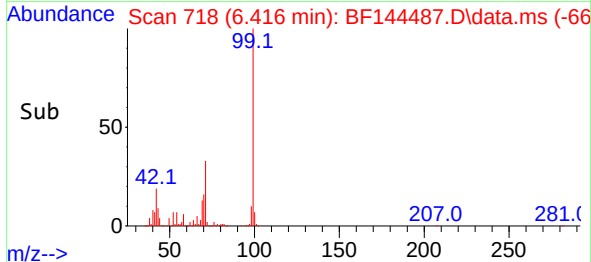
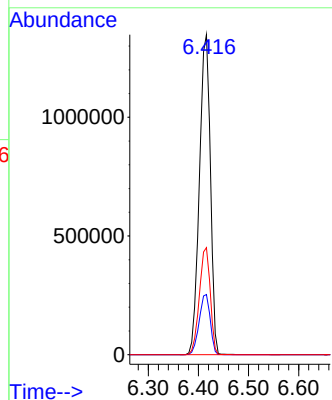
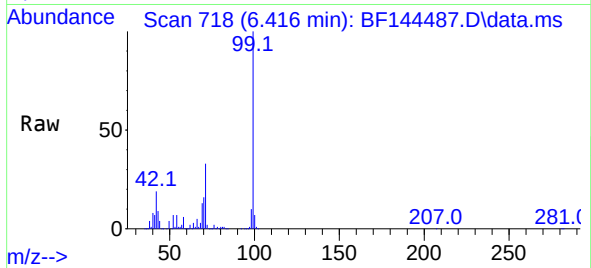




#7
Phenol-d6
Concen: 133.711 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

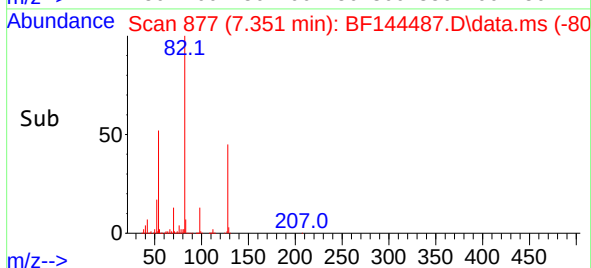
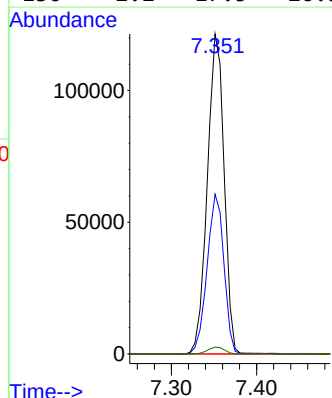
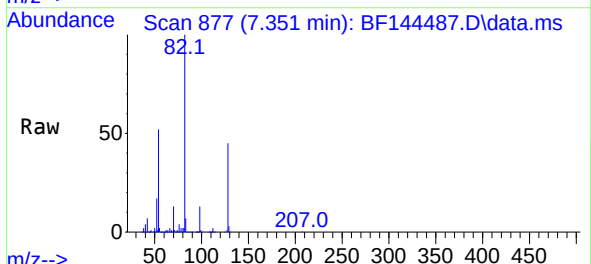
Instrument :
BNA_F
ClientSampleId :
PB170631BL

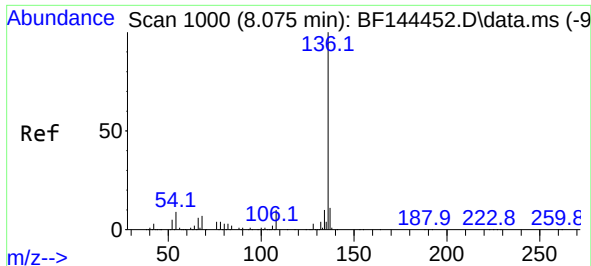
Tgt Ion: 99 Resp: 2041785
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 33.4 26.4 39.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.218 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion: 70 Resp: 166078
Ion Ratio Lower Upper
70 100
42 49.9 49.4 74.0
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



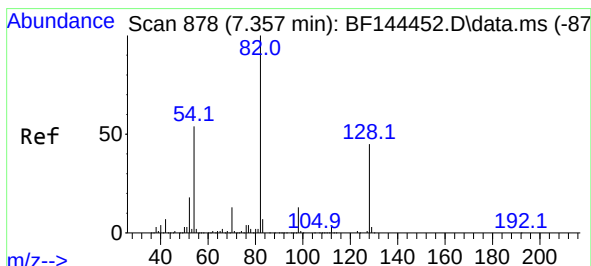
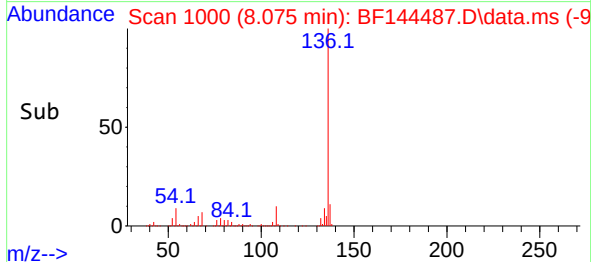
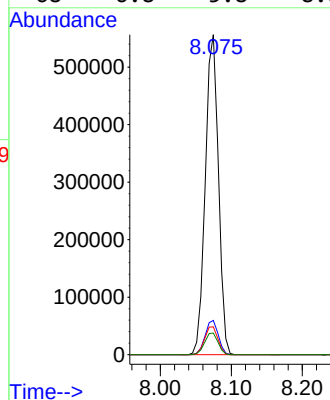
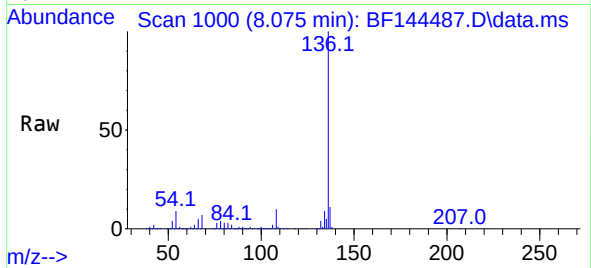


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Instrument :
BNA_F
ClientSampleId :
PB170631BL

Tgt Ion:136 Resp: 716139

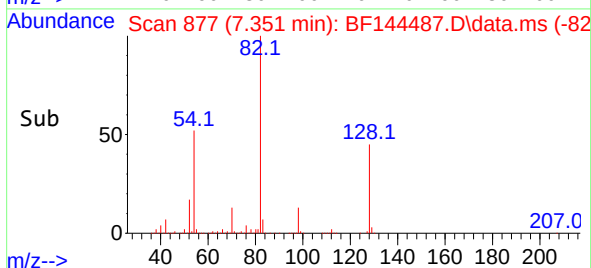
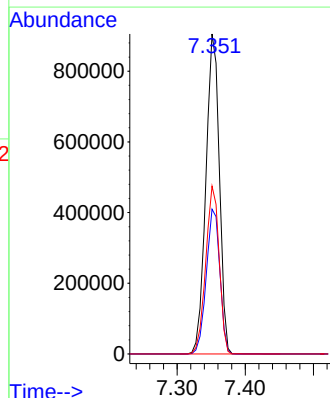
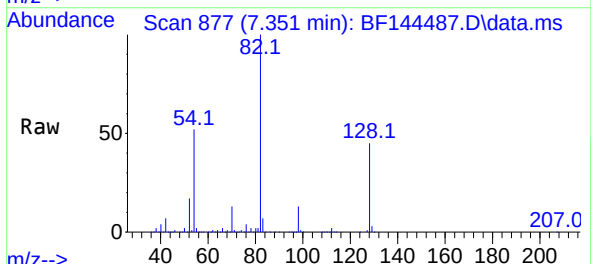
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	7.5	11.3
68	6.8	5.8	8.8

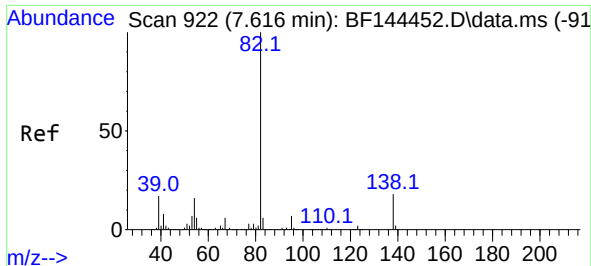


#23
Nitrobenzene-d5
Concen: 108.748 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion: 82 Resp: 1244507

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.5	53.3
54	52.5	43.3	64.9

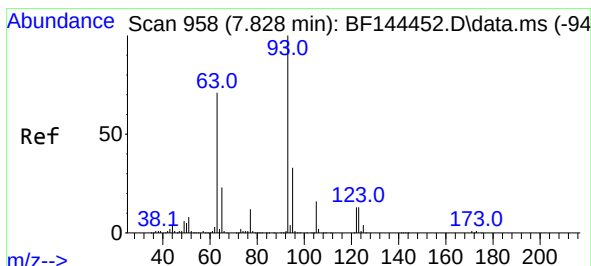
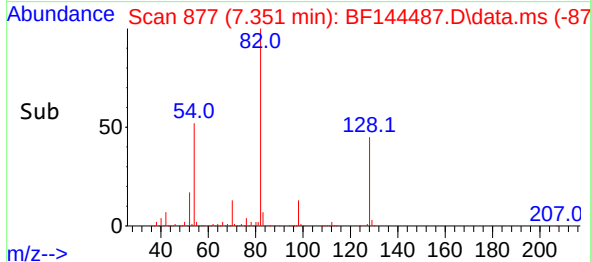
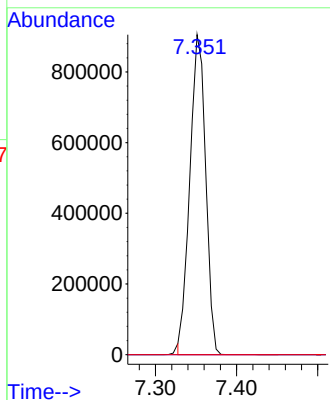
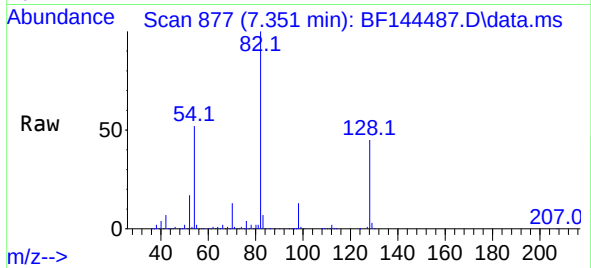




#25
Isophorone
Concen: 47.634 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

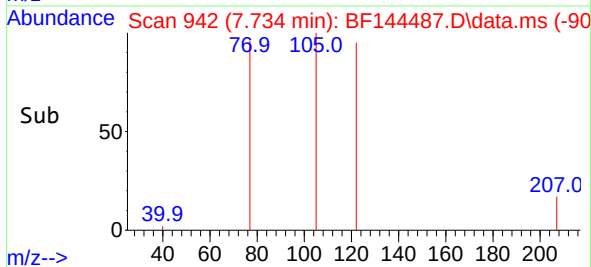
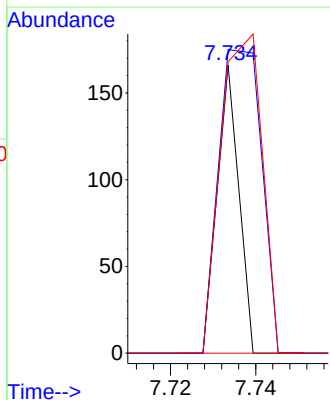
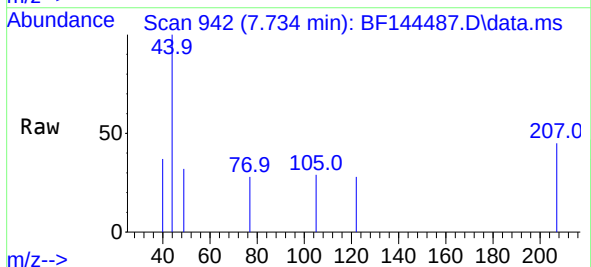
Instrument :
BNA_F
ClientSampleId :
PB170631BL

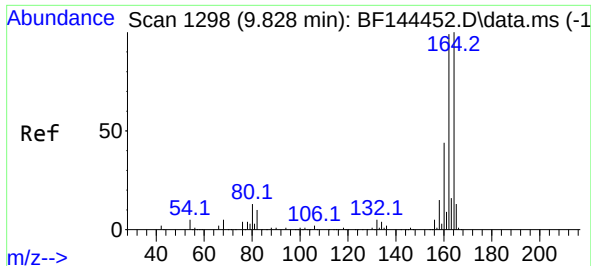
Tgt Ion: 82 Resp: 1230247
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.4 21.6#



#32
Benzoic acid
Concen: 6.471 ng
RT: 7.734 min Scan# 942
Delta R.T. -0.095 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

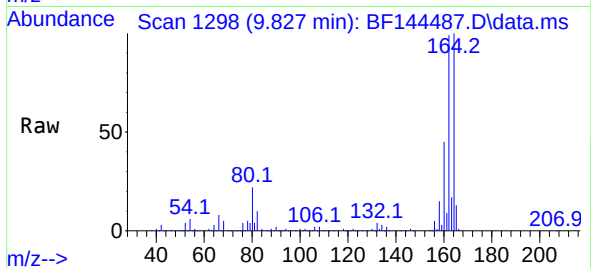
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 105.4 103.2 143.2
77 101.2 75.1 115.1



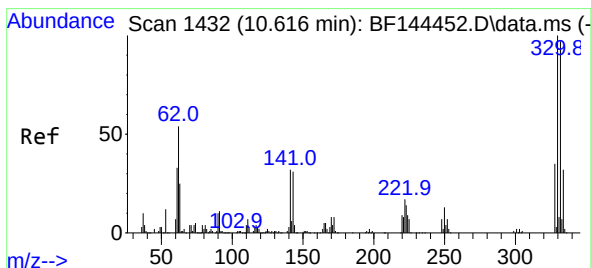
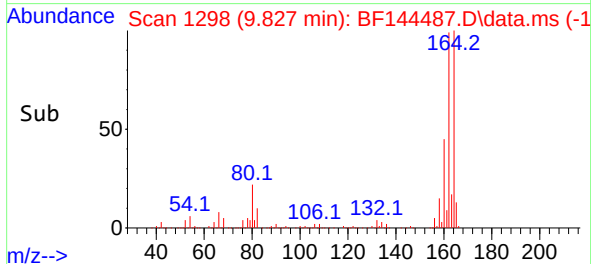
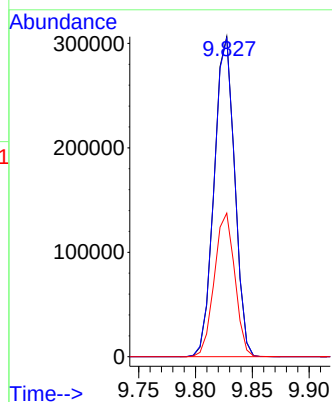


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Instrument :
BNA_F
ClientSampleId :
PB170631BL

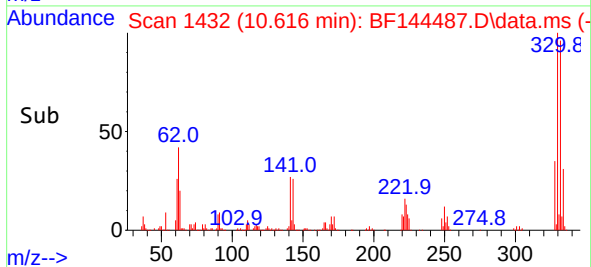
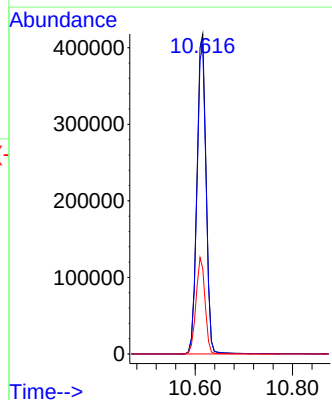
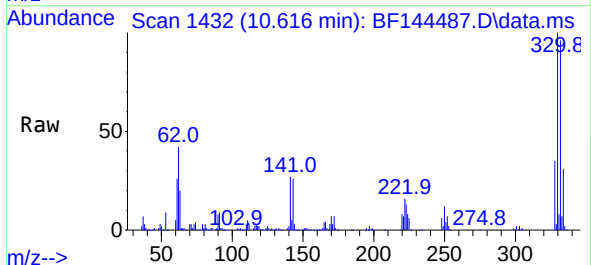


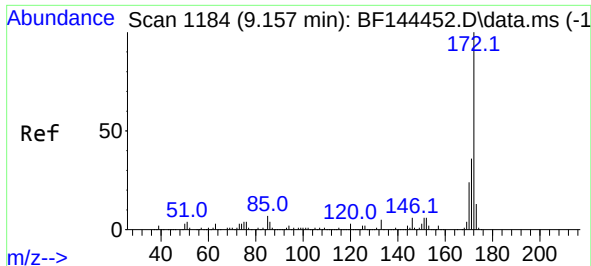
Tgt Ion:164 Resp: 383669
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 158.686 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion:330 Resp: 550439
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 29.8 26.2 39.2

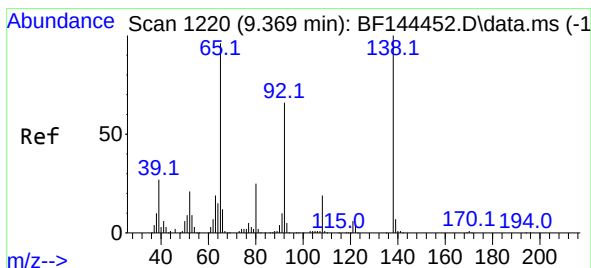
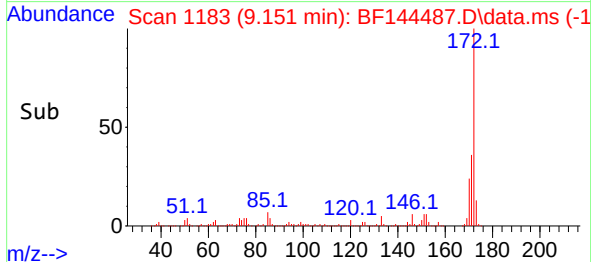
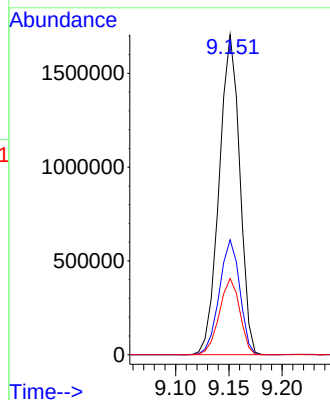
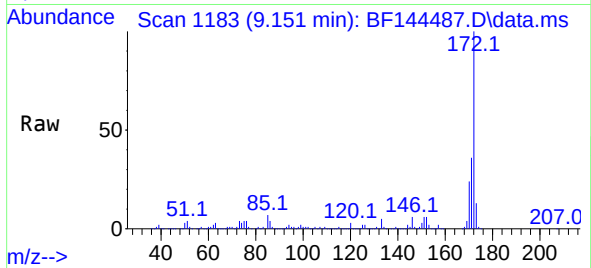




#45
2-Fluorobiphenyl
Concen: 91.393 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

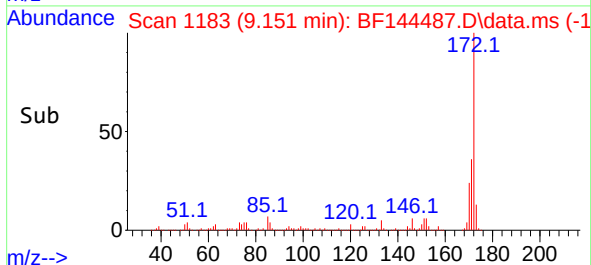
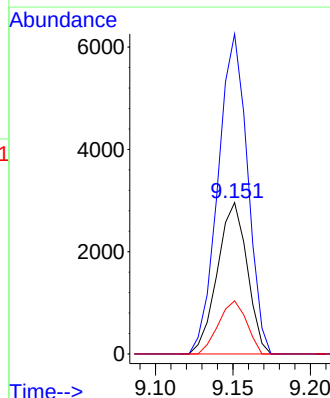
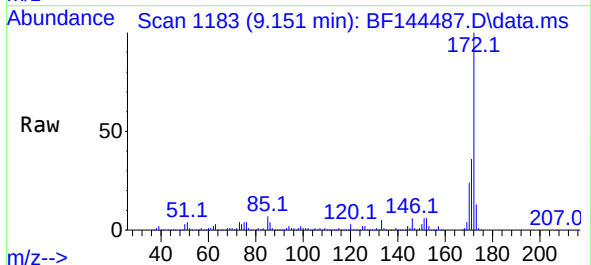
Instrument :
BNA_F
ClientSampleId :
PB170631BL

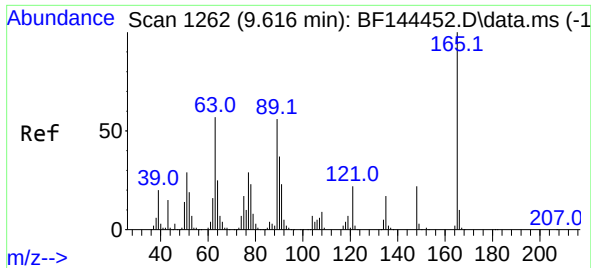
Tgt Ion:172 Resp: 2285714
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.8 19.3 28.9



#48
2-Nitroaniline
Concen: 4.190 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.218 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion: 65 Resp: 3954
Ion Ratio Lower Upper
65 100
92 211.5 55.0 82.4#
138 35.1 83.4 125.2#

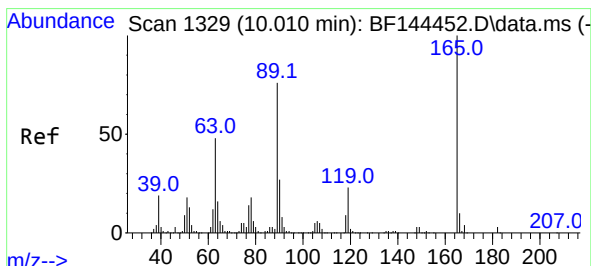
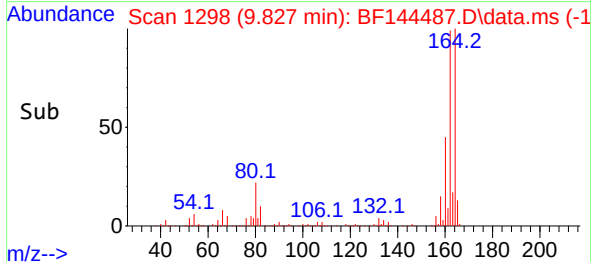
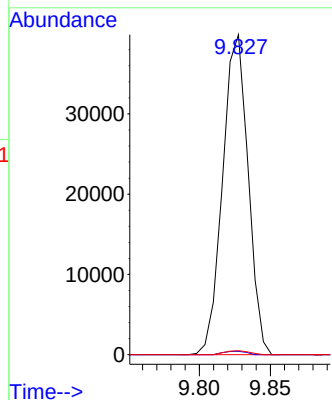
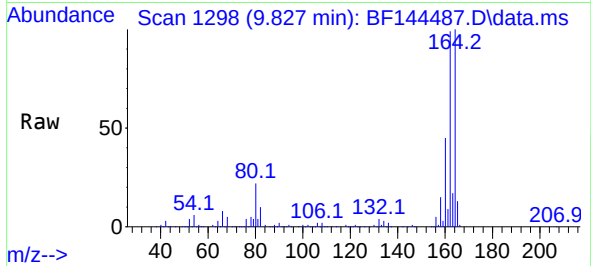




#51
2,6-Dinitrotoluene
Concen: 13.551 ng
RT: 9.827 min Scan# 1298
Delta R.T. 0.211 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

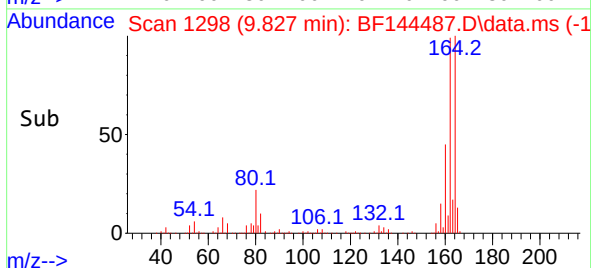
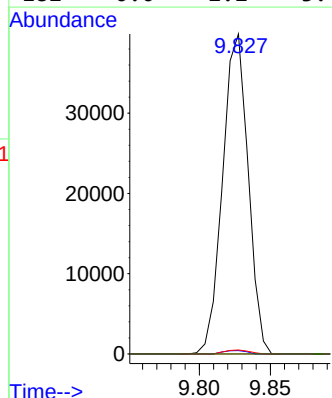
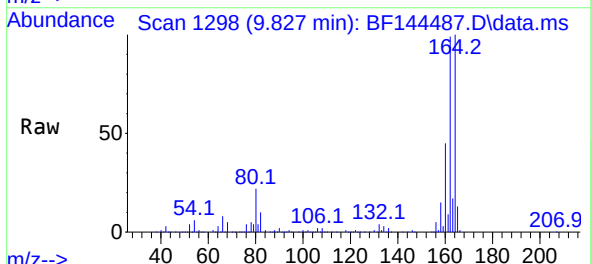
Instrument :
BNA_F
ClientSampleId :
PB170631BL

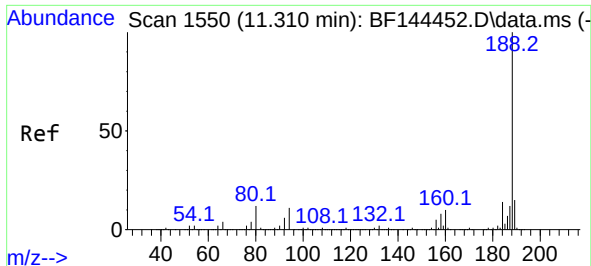
Tgt Ion:165 Resp: 49853
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.3 44.6 67.0#



#57
2,4-Dinitrotoluene
Concen: 10.950 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.183 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion:165 Resp: 49853
Ion Ratio Lower Upper
165 100
63 1.1 38.2 57.4#
89 1.3 61.2 91.8#
182 0.0 2.2 3.4#

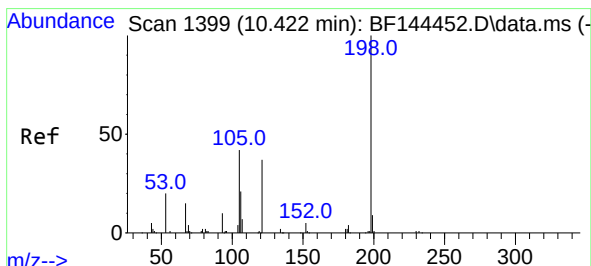
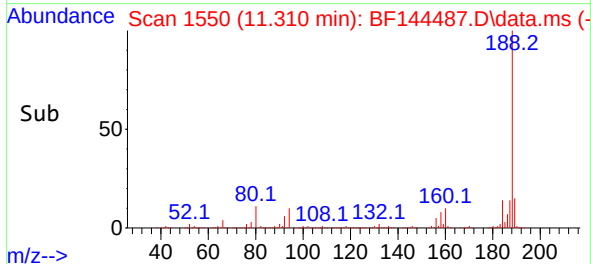
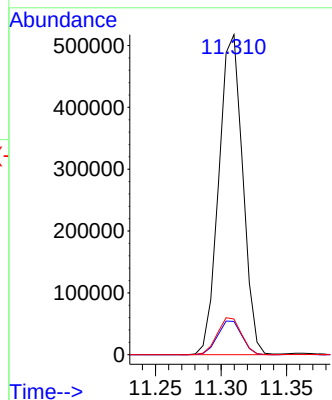
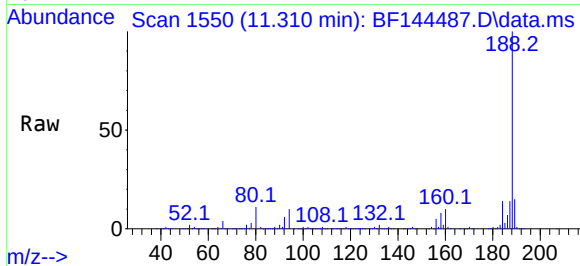




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

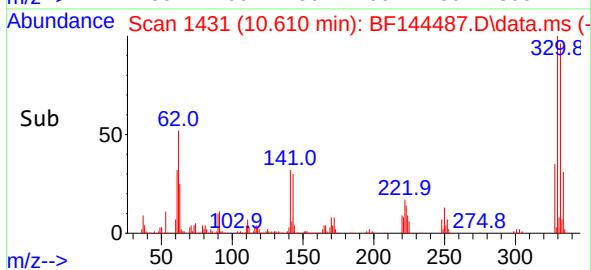
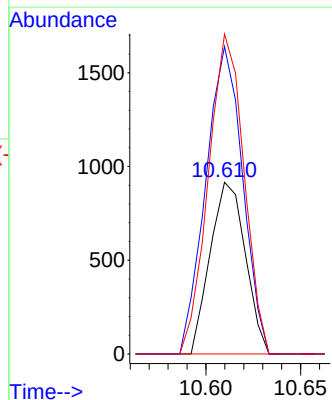
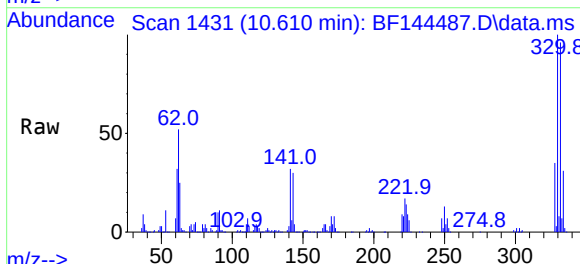
Instrument :
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ClientSampleId :
PB170631BL

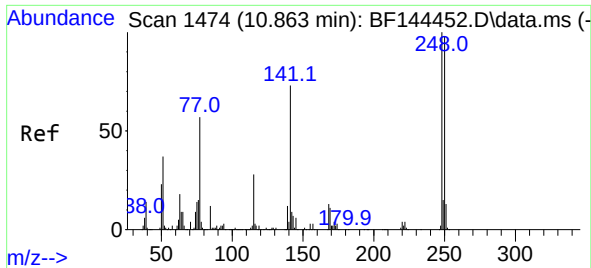
Tgt Ion:188 Resp: 654784
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.6
80 11.2 9.8 14.8



#65
4,6-Dinitro-2-methylphenol
Concen: 7.173 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.188 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

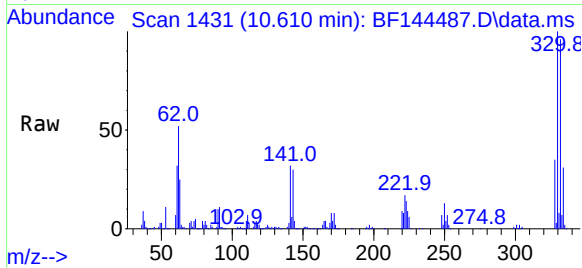
Tgt Ion:198 Resp: 1182
Ion Ratio Lower Upper
198 100
51 179.0 25.5 65.5#
105 186.4 23.4 63.4#



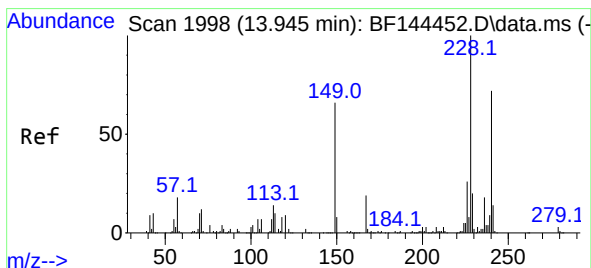
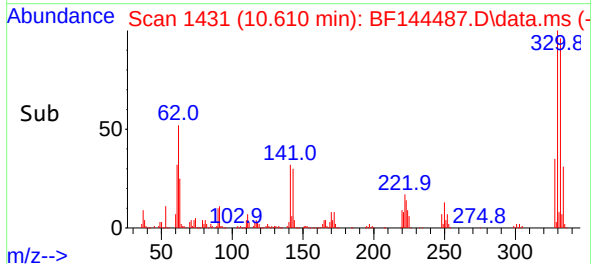
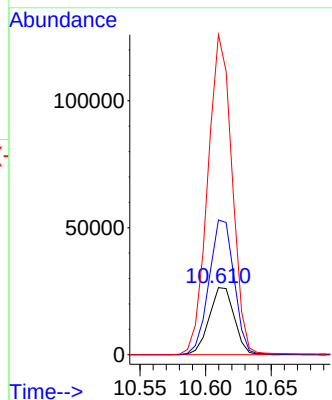


#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 10.610 min Scan# 1474
Delta R.T. -0.253 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Instrument :
BNA_F
ClientSampleId :
PB170631BL

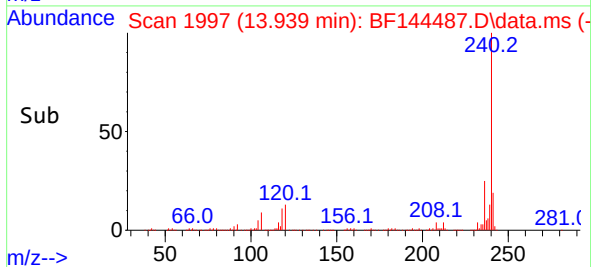
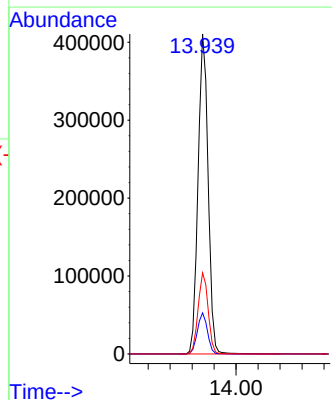
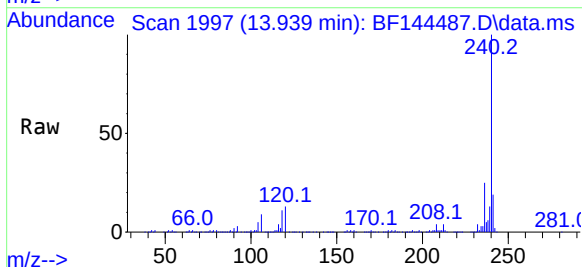


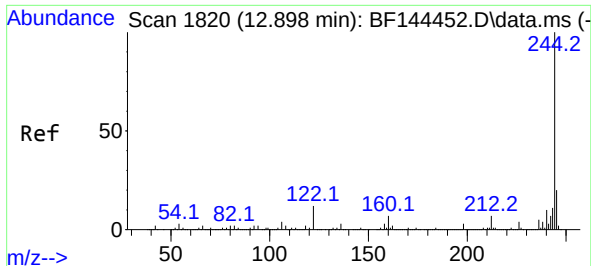
Tgt Ion:248 Resp: 35094
Ion Ratio Lower Upper
248 100
250 201.0 78.2 117.4#
141 477.4 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

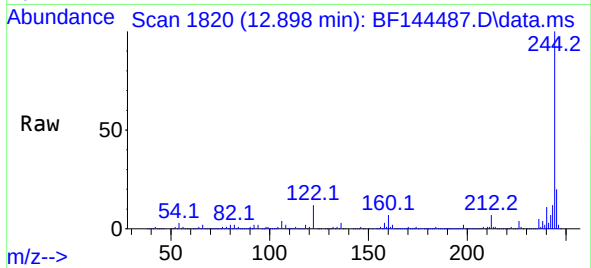
Tgt Ion:240 Resp: 522370
Ion Ratio Lower Upper
240 100
120 12.8 10.3 15.5
236 25.3 20.2 30.4



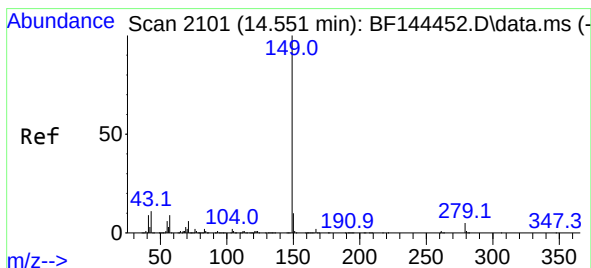
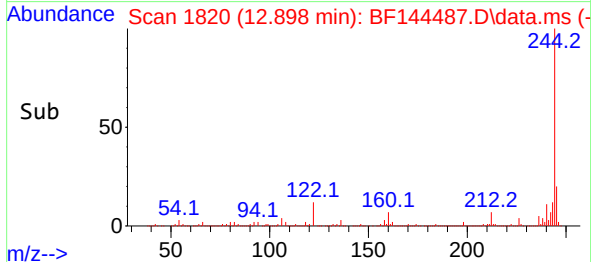
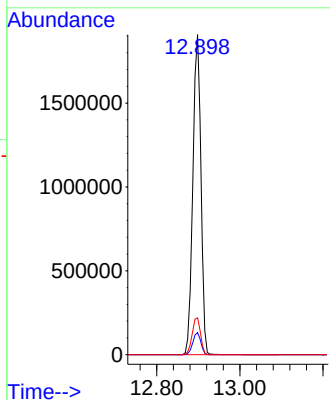


#79
Terphenyl-d14
Concen: 77.592 ng
RT: 12.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Instrument :
BNA_F
ClientSampleId :
PB170631BL

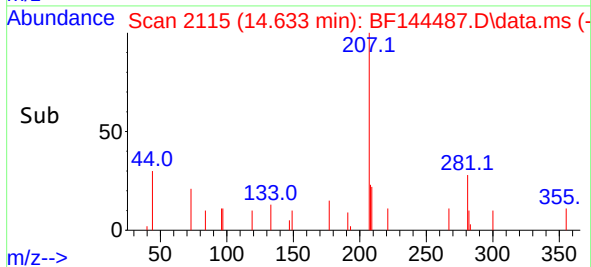
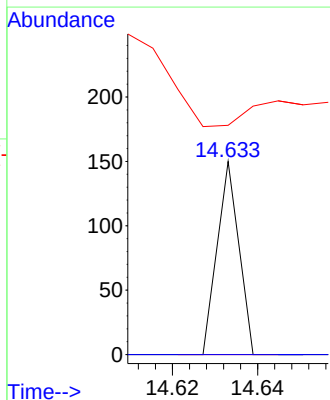
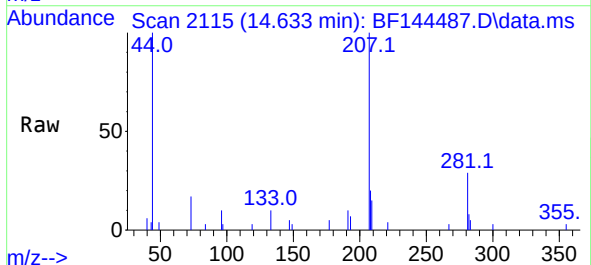


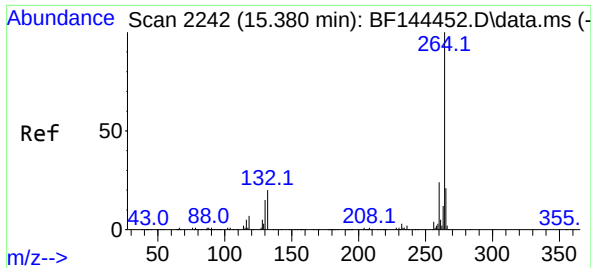
Tgt Ion:244 Resp: 2567280
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.5 9.9 14.9



#85
Di-n-octyl phthalate
Concen: 6.504 ng
RT: 14.633 min Scan# 2115
Delta R.T. 0.082 min
Lab File: BF144487.D
Acq: 16 Dec 2025 11:18

Tgt Ion:149 Resp: 53
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144487.D
 Acq: 16 Dec 2025 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Tgt Ion:264 Resp: 385048
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.9 17.1 25.7

