

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144488.D
 Acq On : 16 Dec 2025 11:47
 Operator : RC/JU
 Sample : PB170618BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170618BL

Quant Time: Dec 16 12:09:21 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)

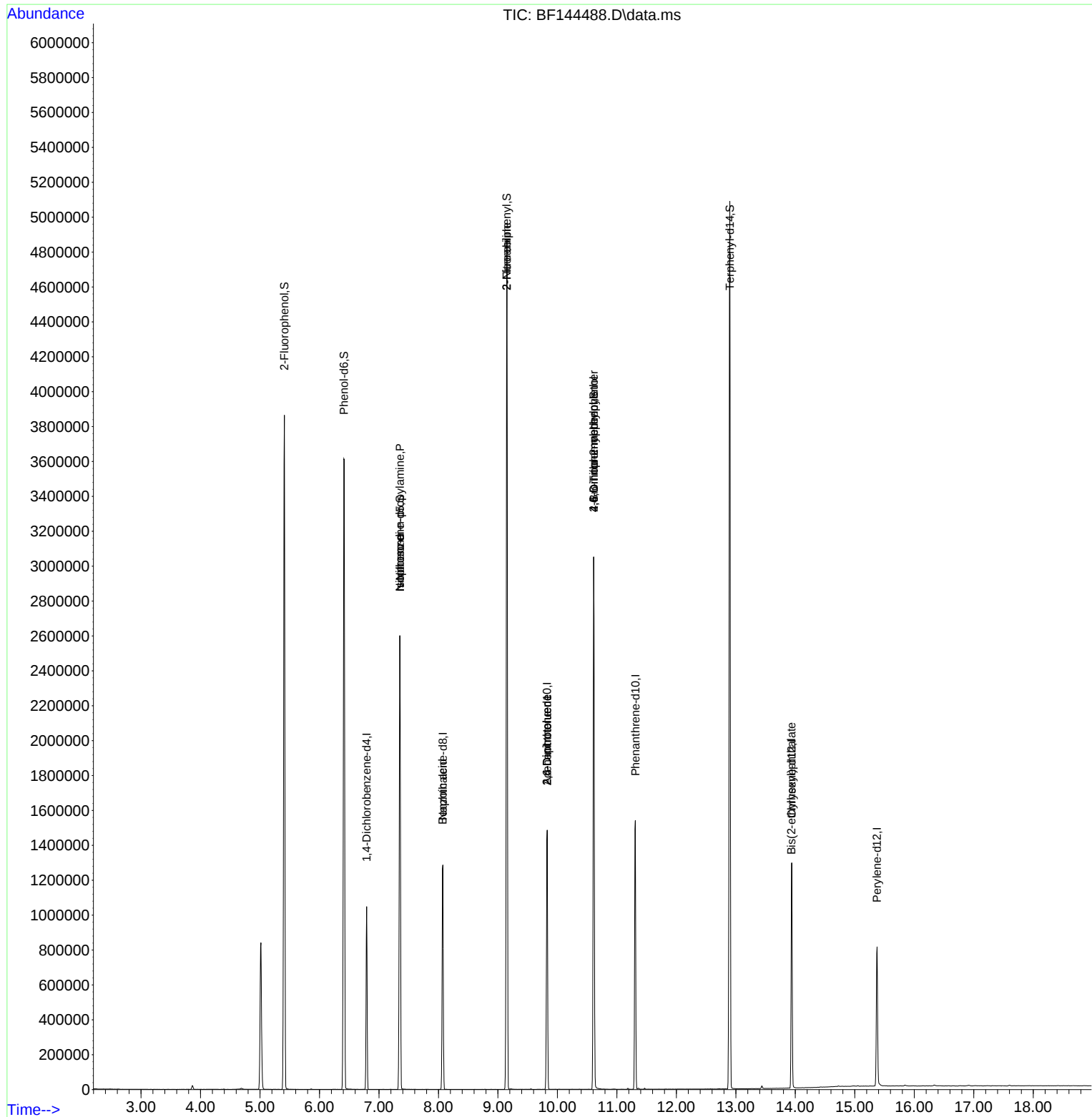
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	215924	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	850459	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	458787	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	789985	20.000	ng	0.00
76) Chrysene-d12	13.939	240	603739	20.000	ng	0.00
86) Perylene-d12	15.374	264	454330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1593388	111.267	ng	0.01
7) Phenol-d6	6.410	99	1934842	108.321	ng	0.00
23) Nitrobenzene-d5	7.351	82	1188306	87.437	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	545662	131.552	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2212321	73.975	ng	0.00
79) Terphenyl-d14	12.898	244	2514812	65.763	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.351	70	158166	14.018	ng	# 77
25) Isophorone	7.351	82	1169590	38.133	ng	# 65
32) Benzoic acid	8.069	122	114	6.476	ng	# 1
48) 2-Nitroaniline	9.151	65	3786	4.079	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	59751	13.573	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	59751	10.967	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.610	198	1100	7.090	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	34121	3.700	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.933	149	197	2.915	ng	# 1

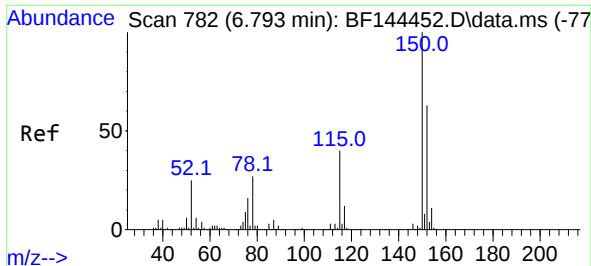
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
Data File : BF144488.D
Acq On : 16 Dec 2025 11:47
Operator : RC/JU
Sample : PB170618BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170618BL

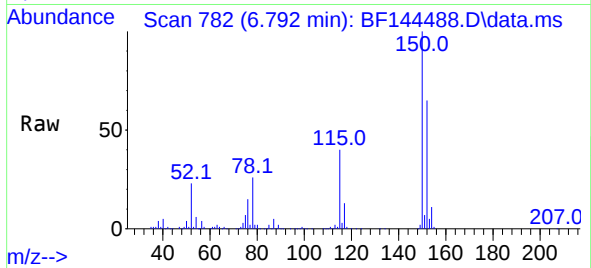
Quant Time: Dec 16 12:09:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration



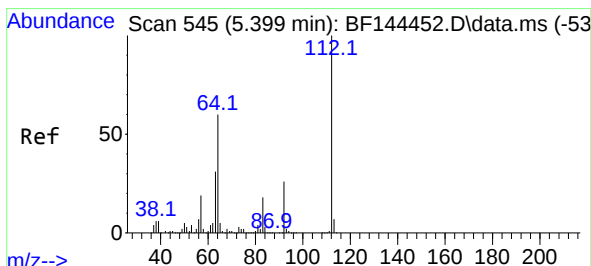
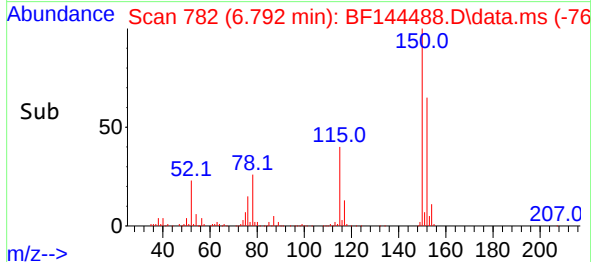
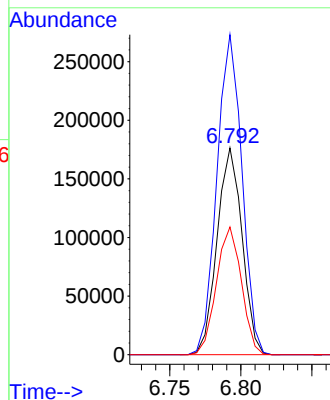


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB170618BL

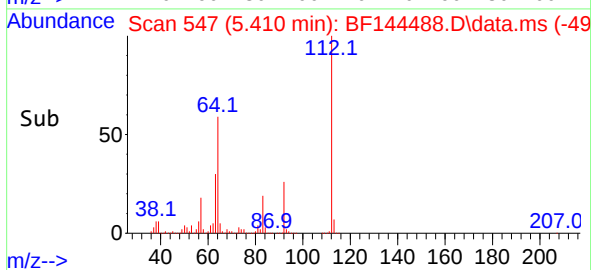
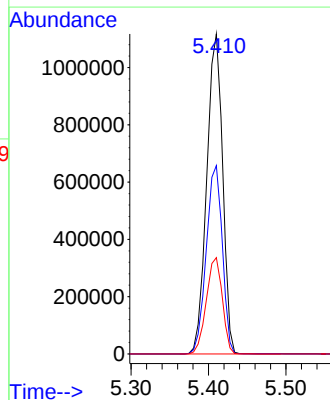
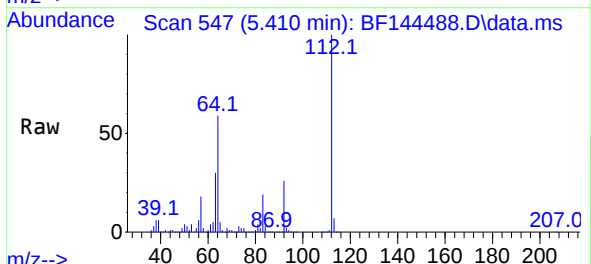


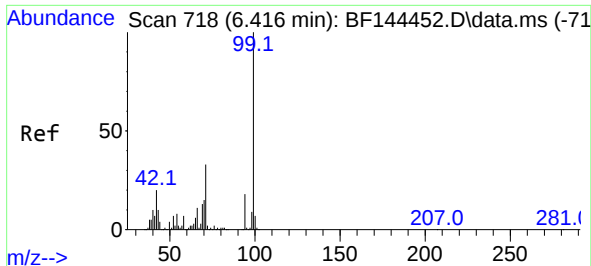
Tgt Ion:152 Resp: 215924
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 61.8 51.4 77.0



#5
2-Fluorophenol
Concen: 111.267 ng
RT: 5.410 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion:112 Resp: 1593388
Ion Ratio Lower Upper
112 100
64 58.8 47.8 71.6
63 30.1 24.6 37.0



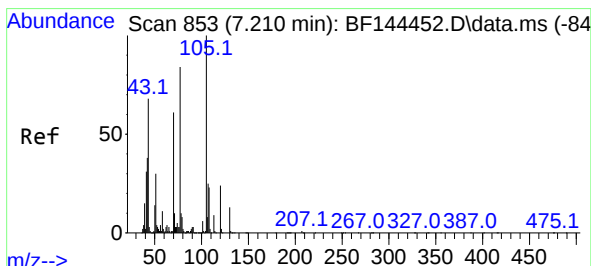
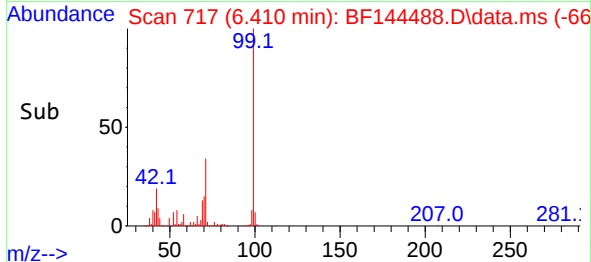
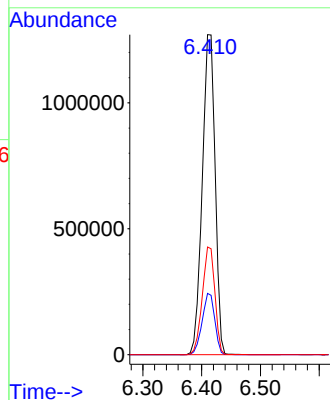
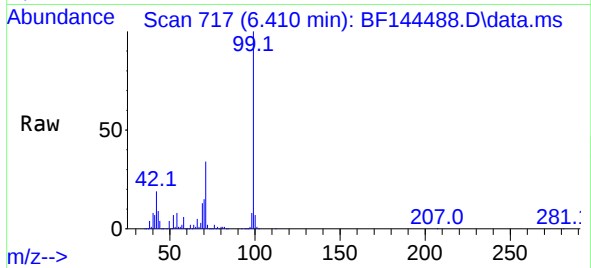


#7
Phenol-d6
Concen: 108.321 ng
RT: 6.410 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB170618BL

Tgt Ion: 99 Resp: 1934842

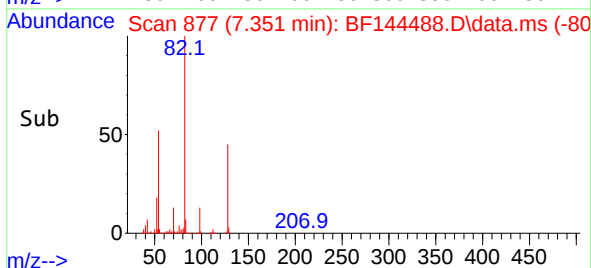
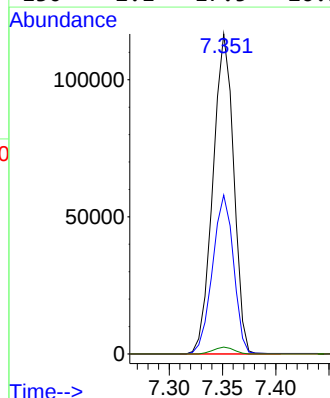
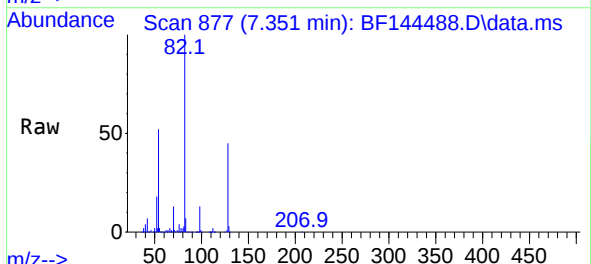
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.7	23.5
71	33.6	26.4	39.6

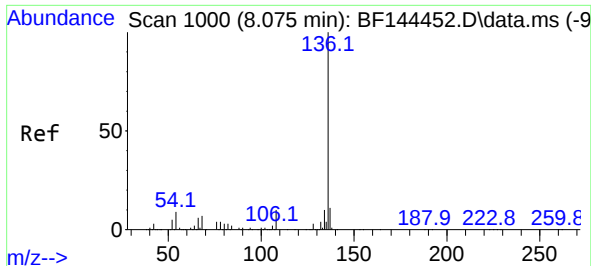


#19
n-Nitroso-di-n-propylamine
Concen: 14.018 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 70 Resp: 158166

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.4	74.0
101	0.0	7.8	11.6#
130	2.1	17.5	26.3#



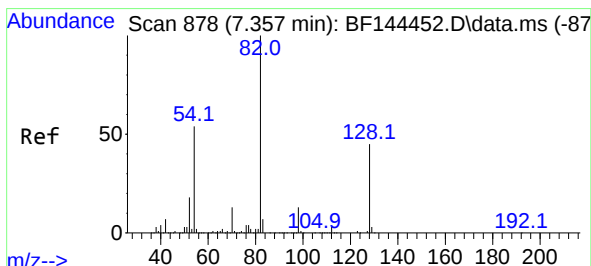
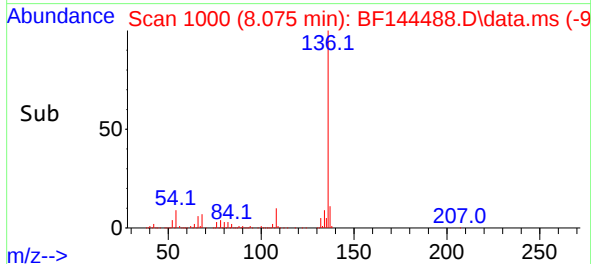
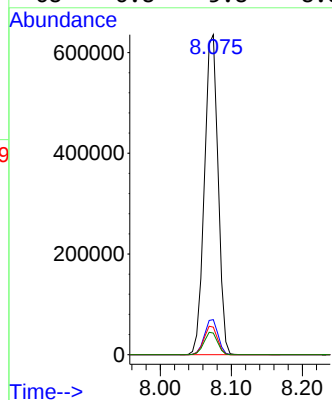
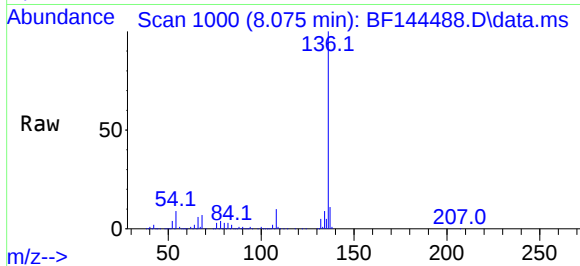


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB170618BL

Tgt Ion:136 Resp: 850459

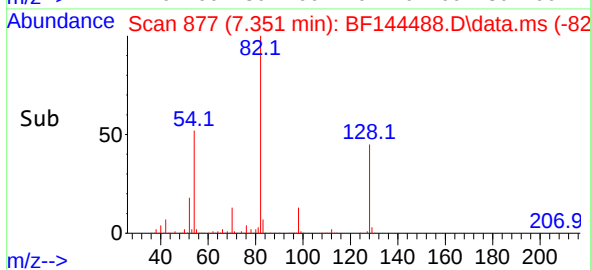
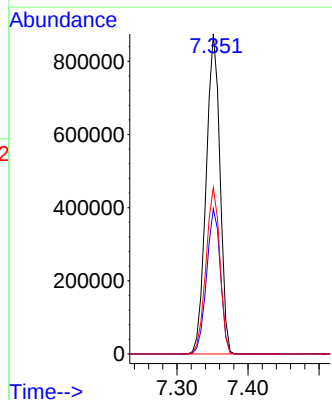
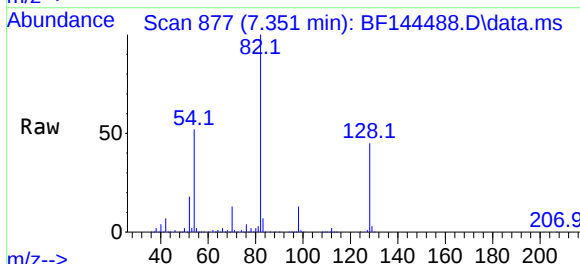
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	7.5	11.3
68	6.8	5.8	8.8

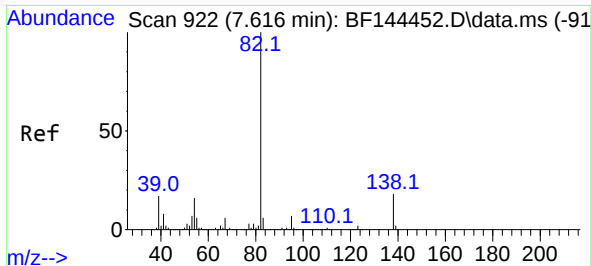


#23
Nitrobenzene-d5
Concen: 87.437 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 82 Resp: 1188306

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	52.0	43.3	64.9

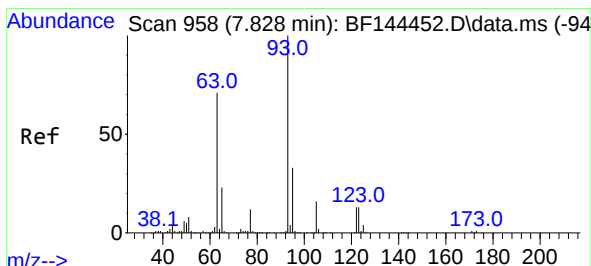
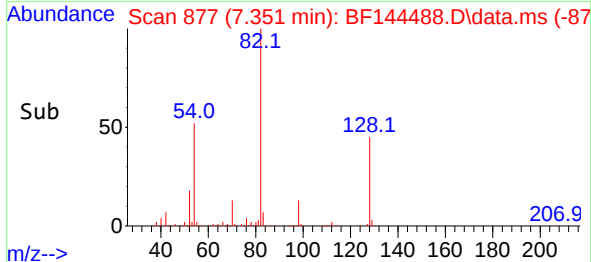
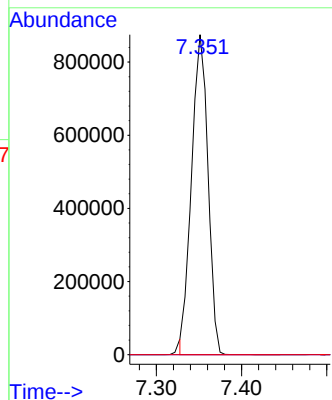
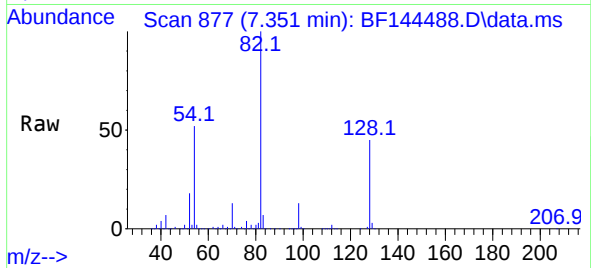




#25
Isophorone
Concen: 38.133 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

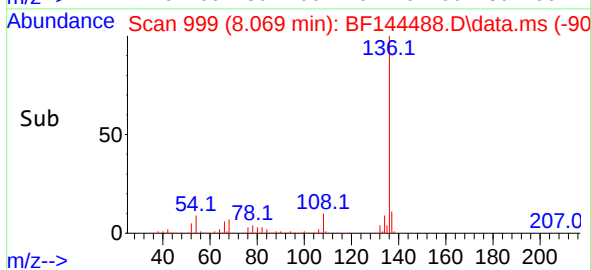
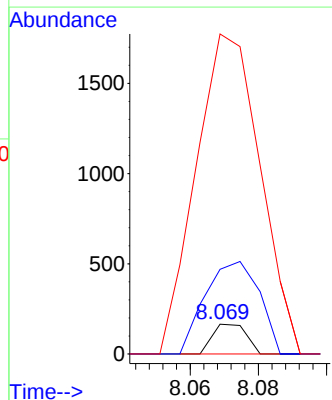
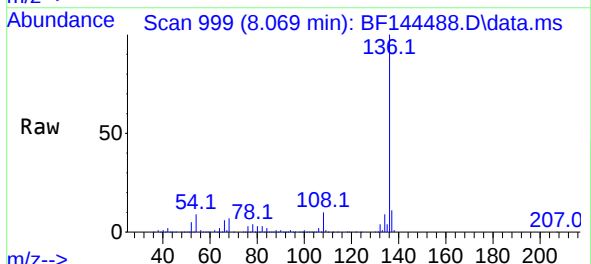
Instrument :
BNA_F
ClientSampleId :
PB170618BL

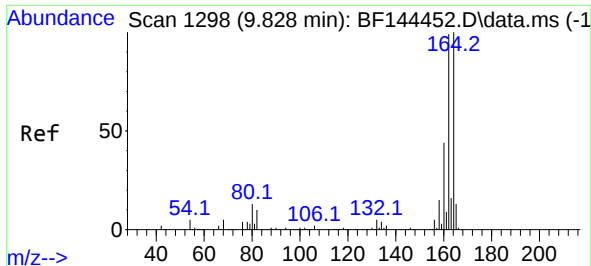
Tgt Ion: 82 Resp: 1169590
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.4 21.6#



#32
Benzoic acid
Concen: 6.476 ng
RT: 8.069 min Scan# 999
Delta R.T. 0.241 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 284.2 103.2 143.2#
77 1075.2 75.1 115.1#

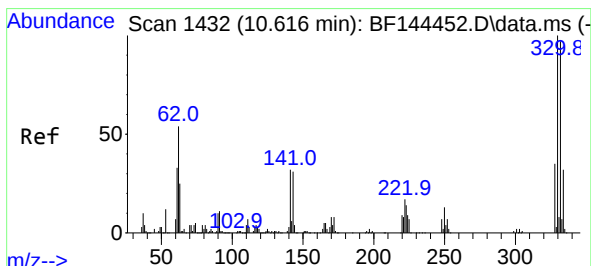
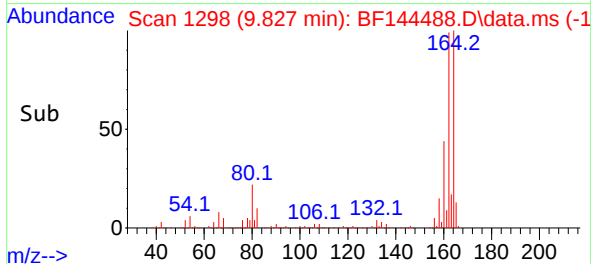
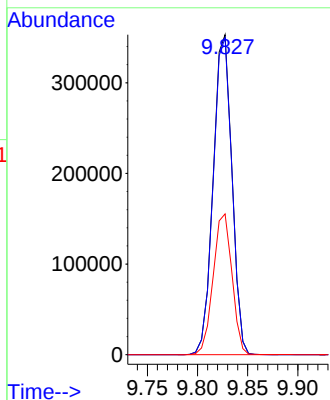
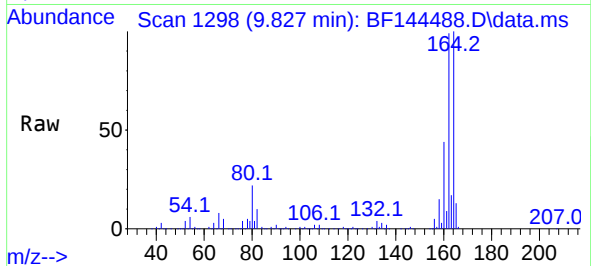




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

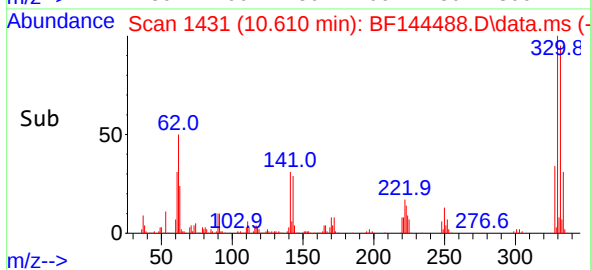
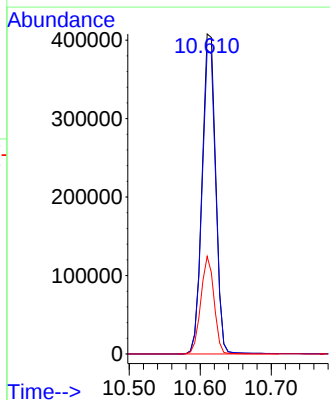
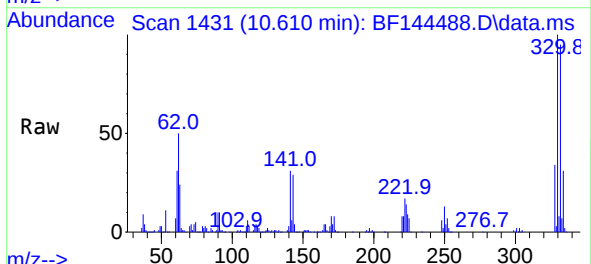
Instrument :
BNA_F
ClientSampleId :
PB170618BL

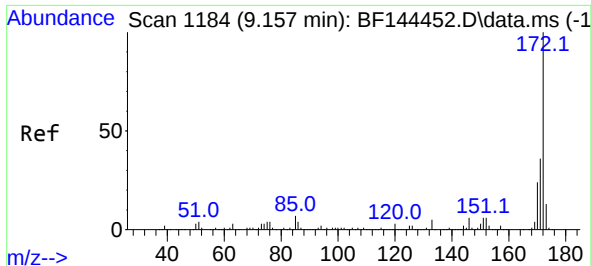
Tgt Ion:164 Resp: 458787
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 131.552 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion:330 Resp: 545662
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 29.5 26.2 39.2





#45

2-Fluorobiphenyl

Concen: 73.975 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144488.D

Acq: 16 Dec 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB170618BL

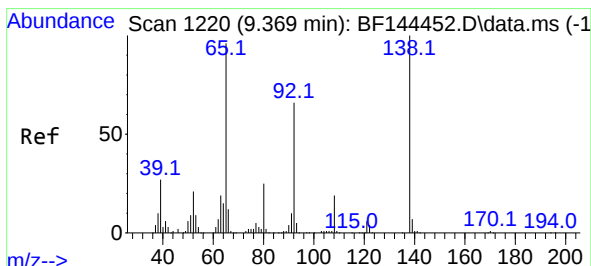
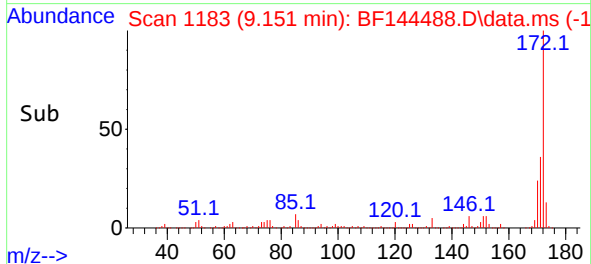
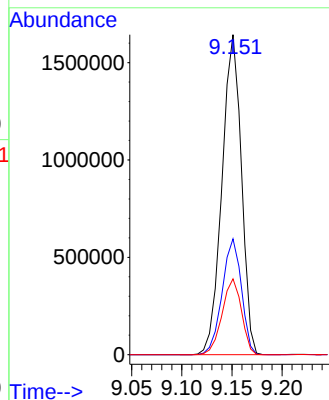
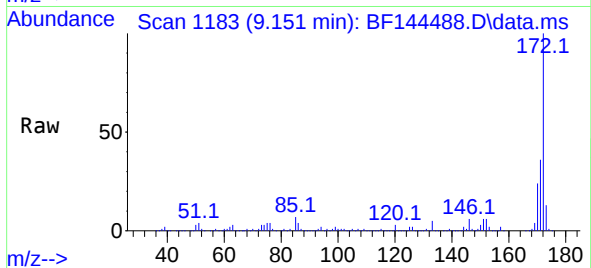
Tgt Ion:172 Resp: 2212321

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 23.7 19.3 28.9



#48

2-Nitroaniline

Concen: 4.079 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.218 min

Lab File: BF144488.D

Acq: 16 Dec 2025 11:47

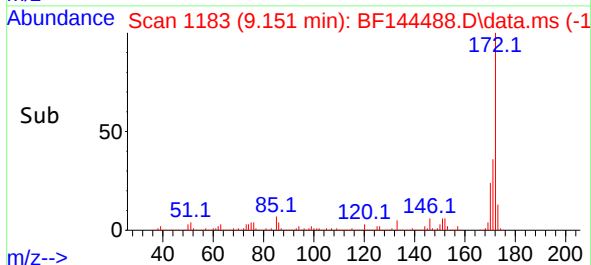
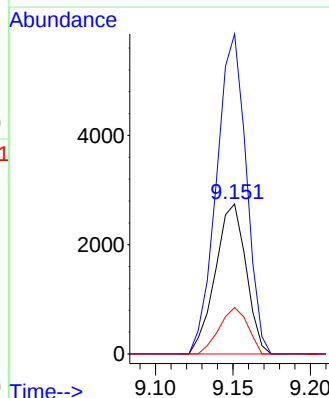
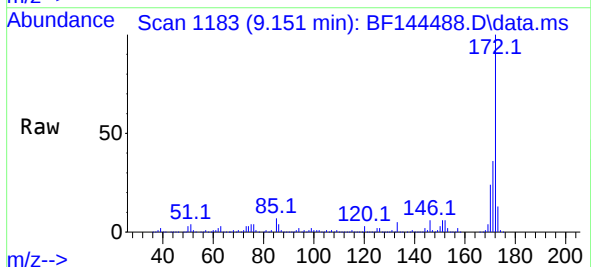
Tgt Ion: 65 Resp: 3786

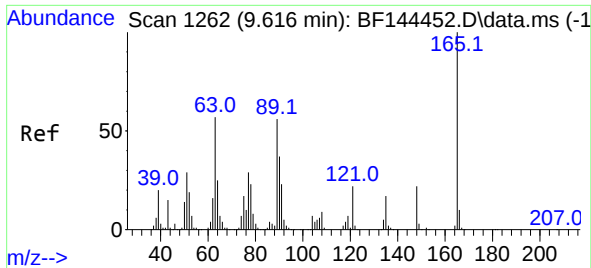
Ion Ratio Lower Upper

65 100

92 213.5 55.0 82.4#

138 30.9 83.4 125.2#

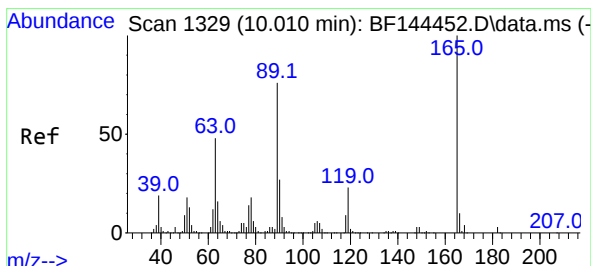
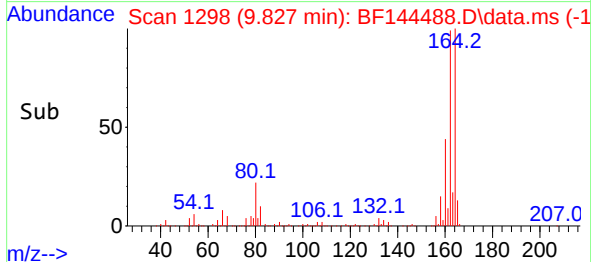
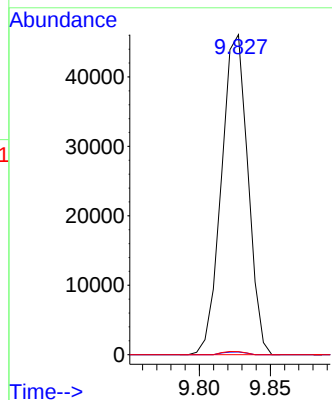
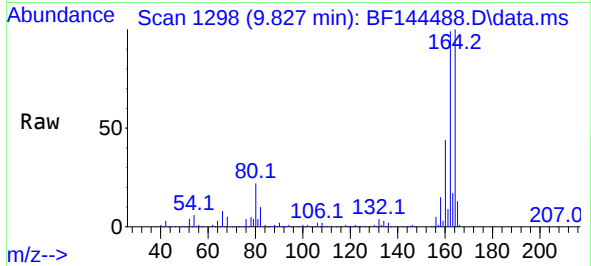




#51
2,6-Dinitrotoluene
Concen: 13.573 ng
RT: 9.827 min Scan# 1298
Delta R.T. 0.211 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

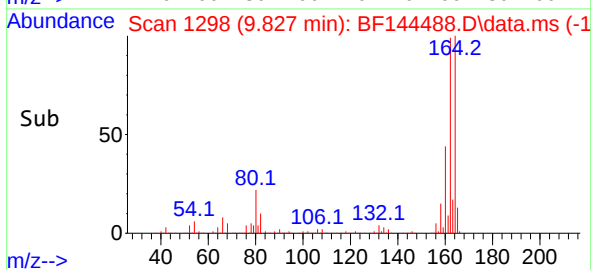
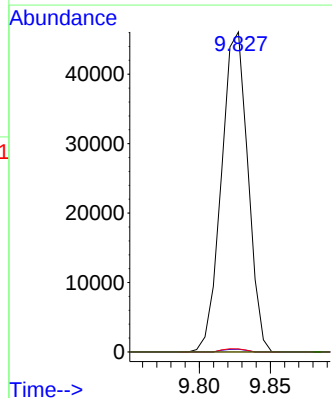
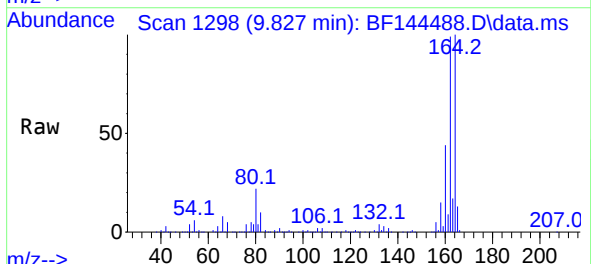
Instrument :
BNA_F
ClientSampleId :
PB170618BL

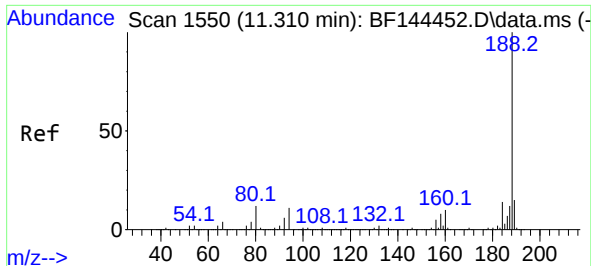
Tgt Ion:165 Resp: 59751
Ion Ratio Lower Upper
165 100
63 0.8 45.9 68.9#
89 1.0 44.6 67.0#



#57
2,4-Dinitrotoluene
Concen: 10.967 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.183 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

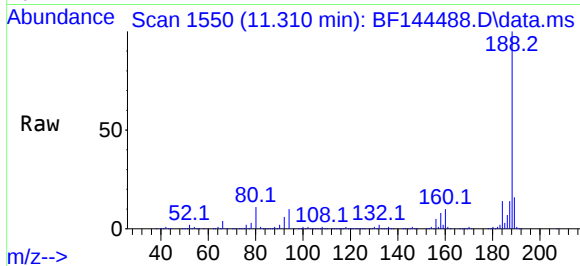
Tgt Ion:165 Resp: 59751
Ion Ratio Lower Upper
165 100
63 0.8 38.2 57.4#
89 1.0 61.2 91.8#
182 0.0 2.2 3.4#



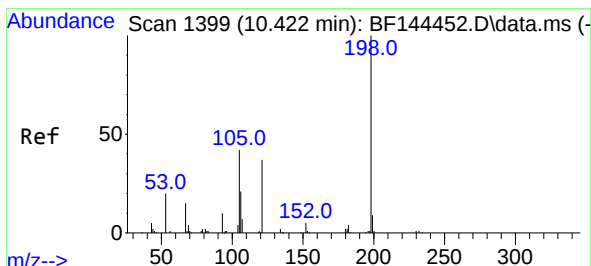
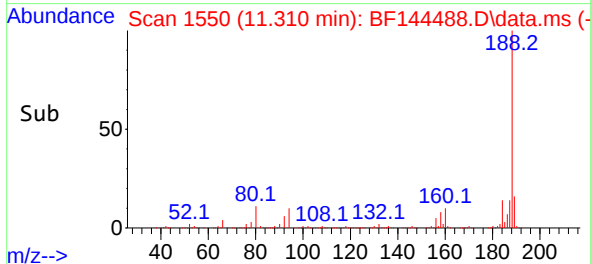
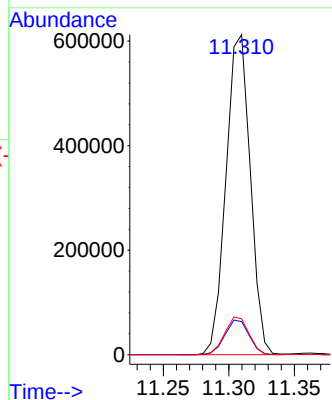


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB170618BL

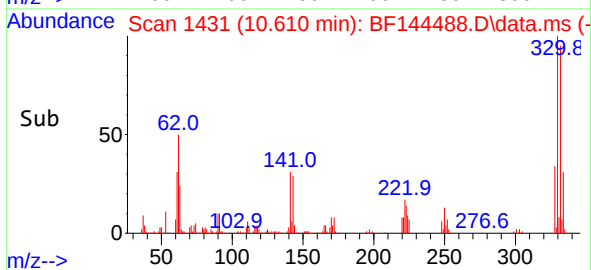
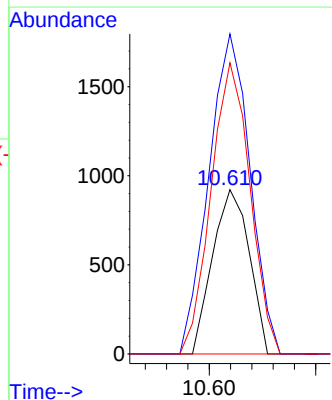
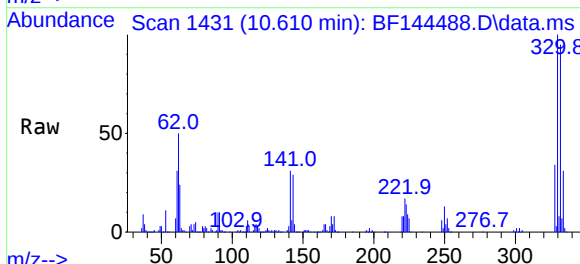


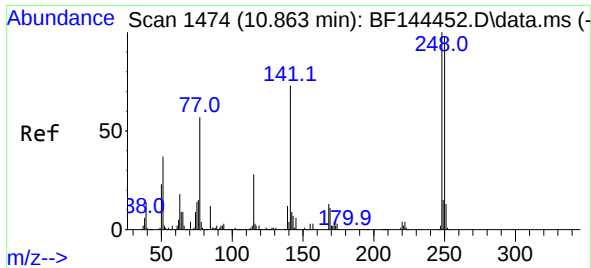
Tgt Ion:188 Resp: 789985
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.6
80 11.2 9.8 14.8



#65
4,6-Dinitro-2-methylphenol
Concen: 7.090 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.188 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion:198 Resp: 1100
Ion Ratio Lower Upper
198 100
51 194.8 25.5 65.5#
105 177.2 23.4 63.4#

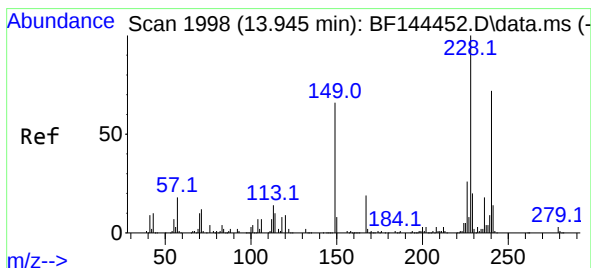
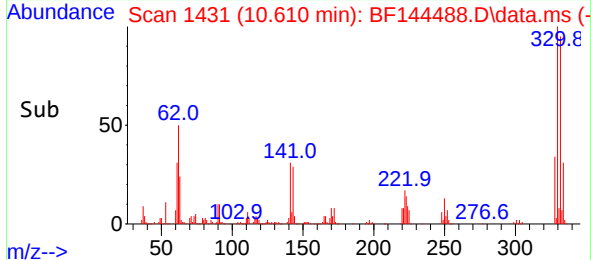
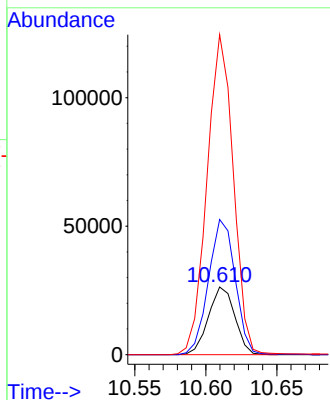
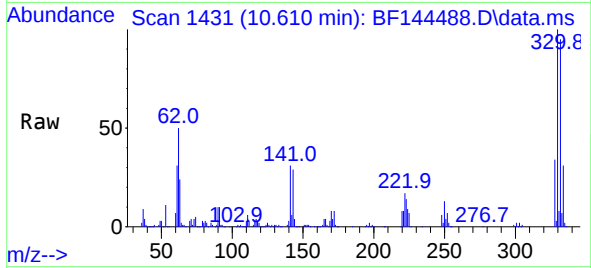




#67
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

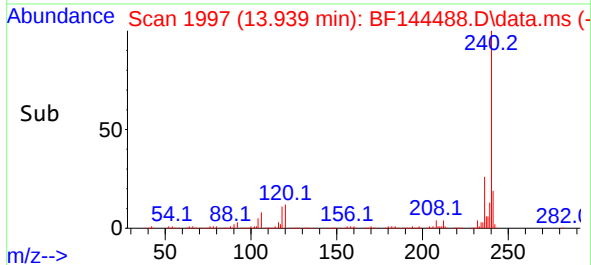
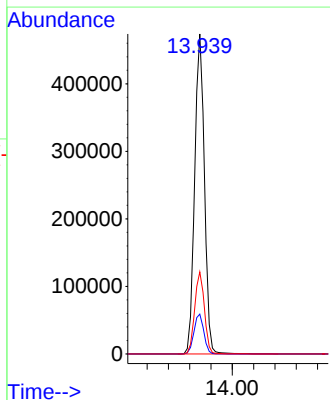
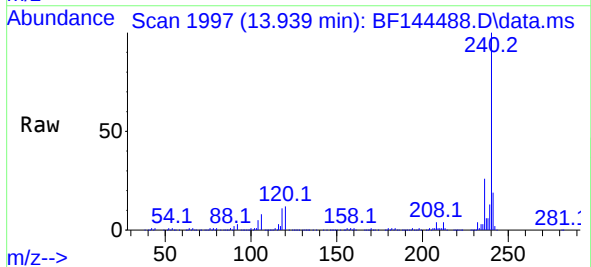
Instrument :
BNA_F
ClientSampleId :
PB170618BL

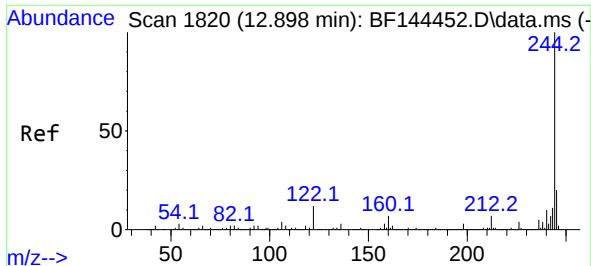
Tgt Ion:248 Resp: 34121
Ion Ratio Lower Upper
248 100
250 199.5 78.2 117.4#
141 472.3 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144488.D
Acq: 16 Dec 2025 11:47

Tgt Ion:240 Resp: 603739
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 25.7 20.2 30.4

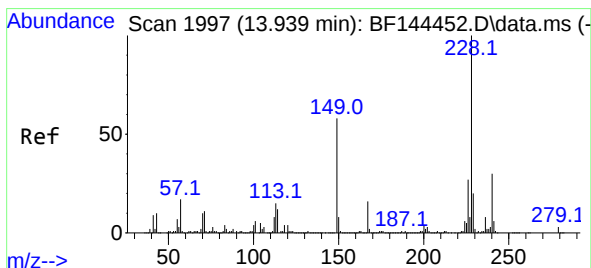
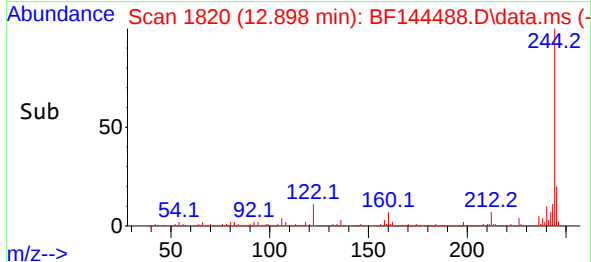
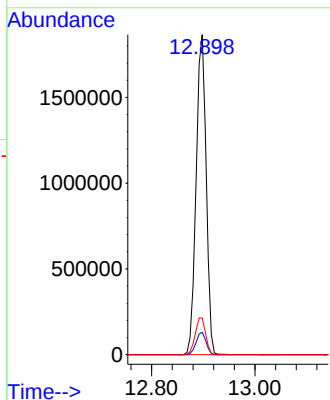
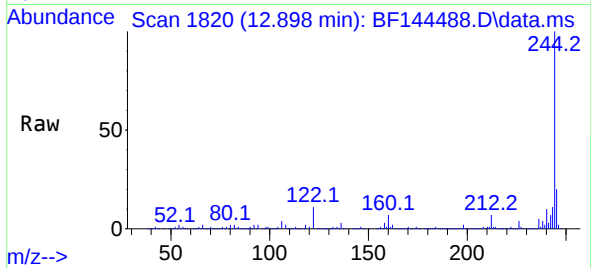




#79
 Terphenyl-d14
 Concen: 65.763 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF144488.D
 Acq: 16 Dec 2025 11:47

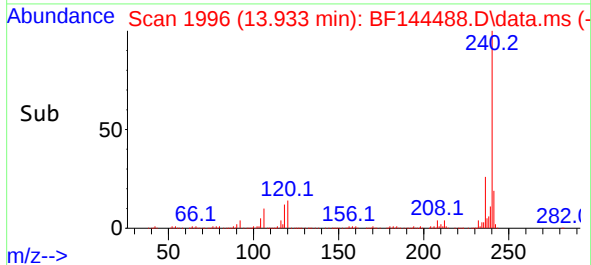
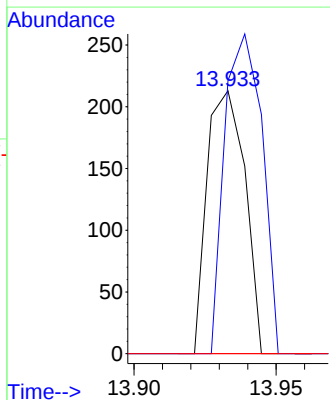
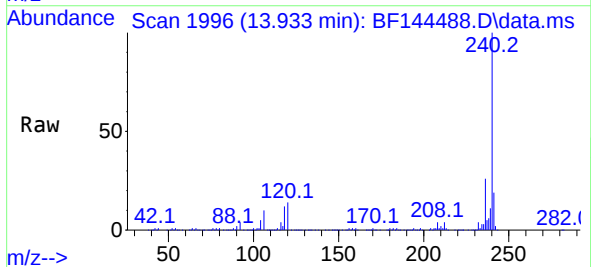
Instrument :
 BNA_F
 ClientSampleId :
 PB170618BL

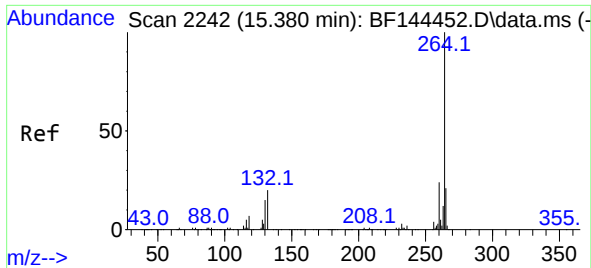
Tgt Ion:244 Resp: 2514812
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.4 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.915 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144488.D
 Acq: 16 Dec 2025 11:47

Tgt Ion:149 Resp: 197
 Ion Ratio Lower Upper
 149 100
 167 103.8 22.6 34.0#
 279 0.0 3.7 5.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144488.D
 Acq: 16 Dec 2025 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB170618BL

Tgt Ion:264 Resp: 454330
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.4 17.1 25.7

