

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144498.D
 Acq On : 16 Dec 2025 16:47
 Operator : RC/JU
 Sample : Q3852-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"

Quant Time: Dec 16 17:08:06 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)

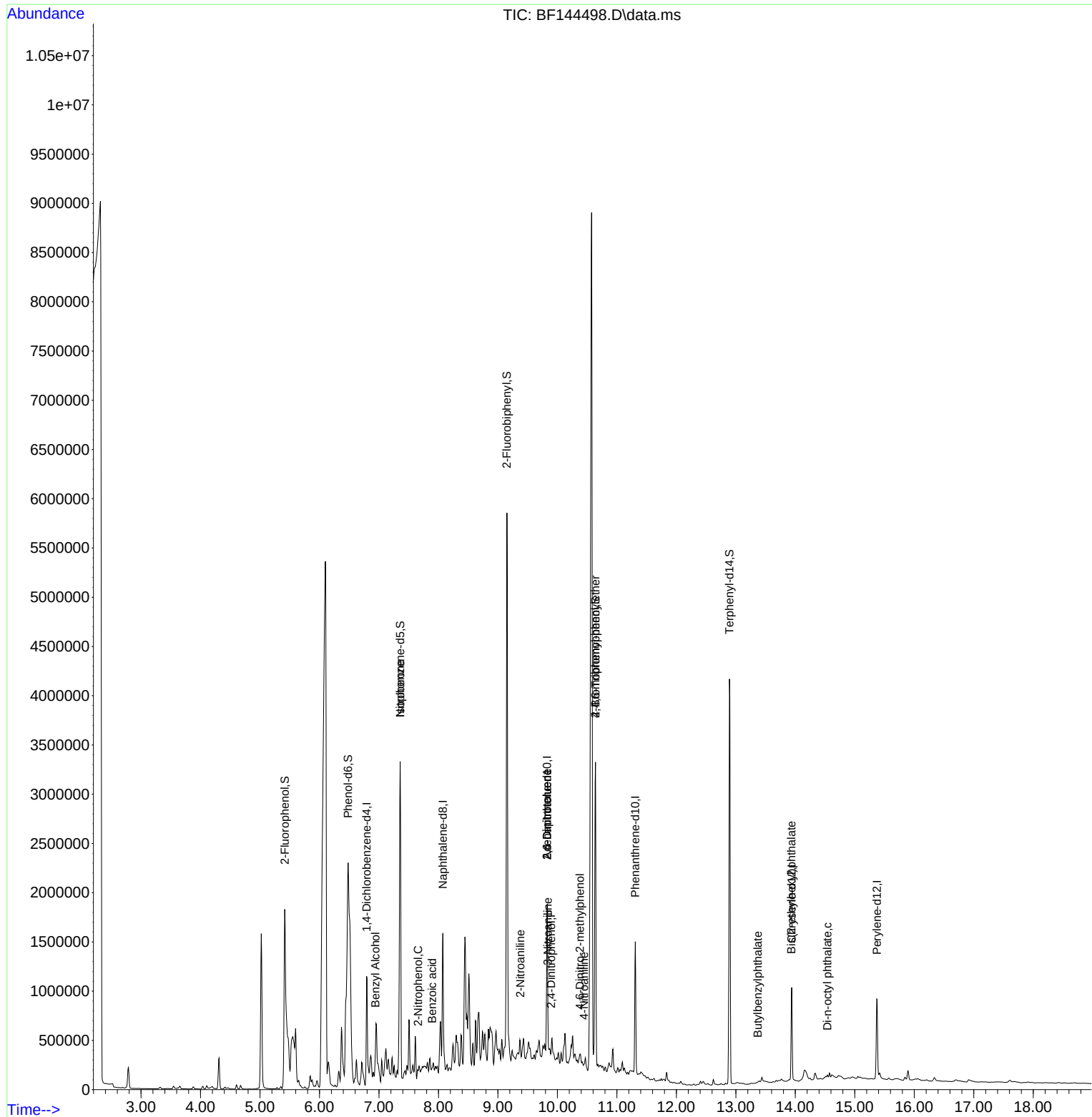
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	225168	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	877124	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	456892	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	680680	20.000	ng	0.00
76) Chrysene-d12	13.939	240	438867	20.000	ng	0.00
86) Perylene-d12	15.374	264	463409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1436507	96.194	ng	0.02
7) Phenol-d6	6.481	99	2111280	113.347	ng	0.06
23) Nitrobenzene-d5	7.357	82	1474044	105.165	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	555964	134.592	ng	0.02
45) 2-Fluorobiphenyl	9.151	172	2567960	86.223	ng	0.00
79) Terphenyl-d14	12.892	244	2021989	72.739	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.940	79	89882	6.547	ng	98
25) Isophorone	7.357	82	1460368	46.166	ng	# 65
26) 2-Nitrophenol	7.657	139	1588	4.022	ng	# 1
32) Benzoic acid	7.892	122	9192	7.390	ng	# 79
48) 2-Nitroaniline	9.375	65	1396	3.798	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	60878	13.796	ng	# 30
53) 3-Nitroaniline	9.839	138	5997	3.818	ng	# 25
54) 2,4-Dinitrophenol	9.892	184	698	7.052	ng	# 1
57) 2,4-Dinitrotoluene	9.828	165	60878	11.130	ng	# 26
62) 4-Nitroaniline	10.445	138	347	2.562	ng	# 72
65) 4,6-Dinitro-2-methylph...	10.381	198	107	6.839	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	35126	4.420	ng	# 1
80) Butylbenzylphthalate	13.369	149	107	3.265	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.933	149	3544	3.121	ng	# 86
85) Di-n-octyl phthalate	14.539	149	528	6.521	ng	# 73

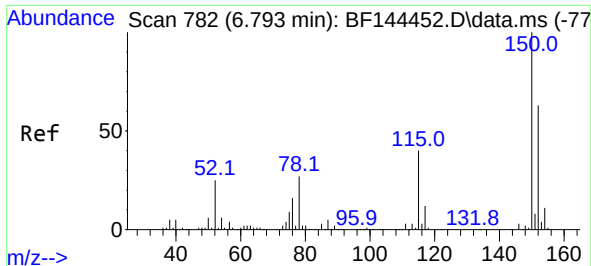
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
Data File : BF144498.D
Acq On : 16 Dec 2025 16:47
Operator : RC/JU
Sample : Q3852-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

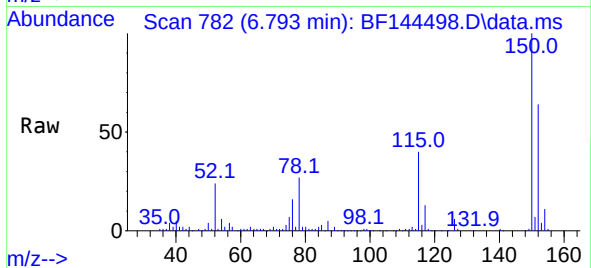
Quant Time: Dec 16 17:08:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration



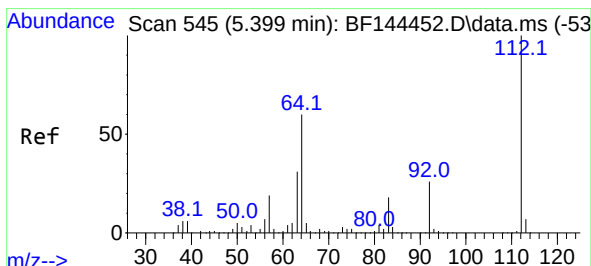
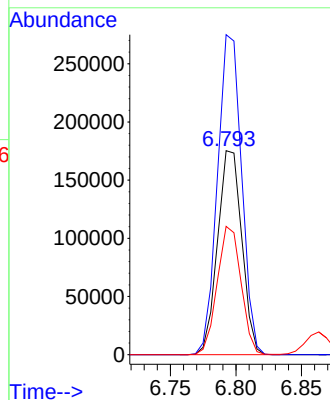
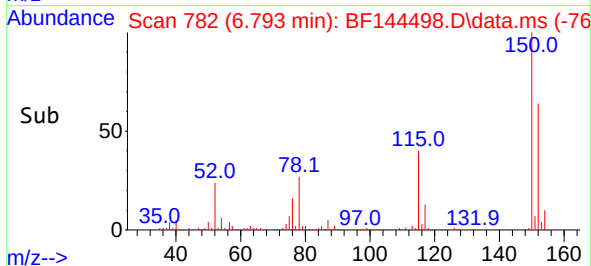


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

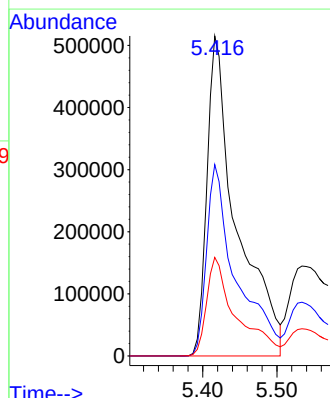
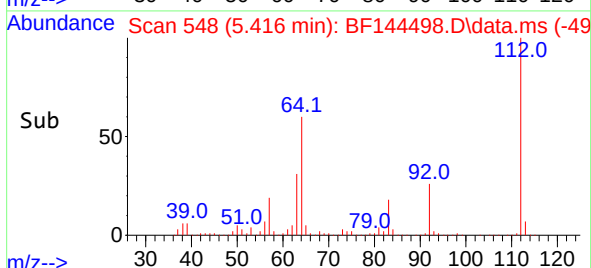
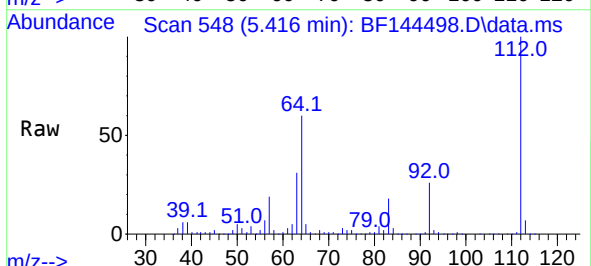


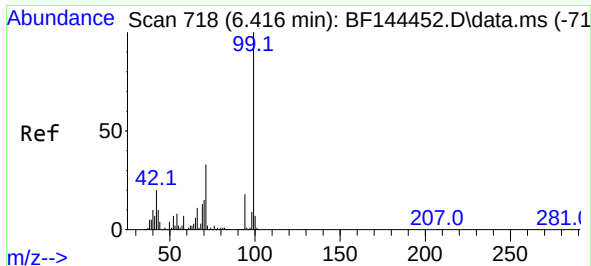
Tgt Ion:152 Resp: 225168
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 62.9 51.4 77.0



#5
2-Fluorophenol
Concen: 96.194 ng
RT: 5.416 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:112 Resp: 1436507
Ion Ratio Lower Upper
112 100
64 59.8 47.8 71.6
63 30.8 24.6 37.0

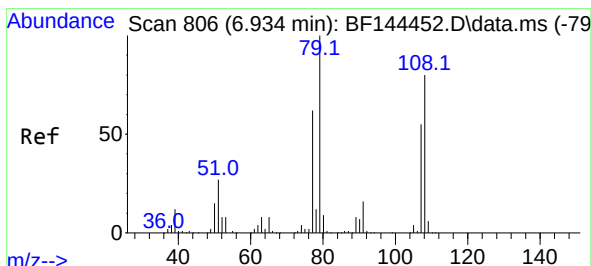
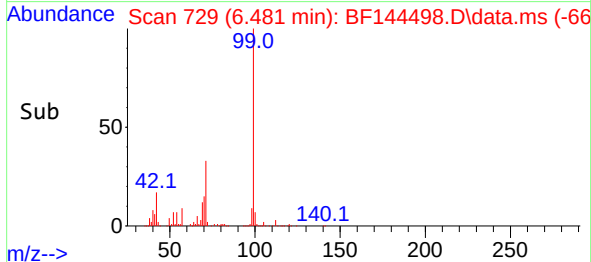
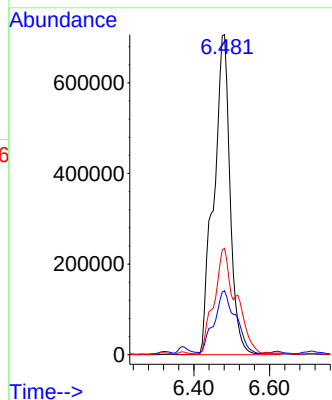
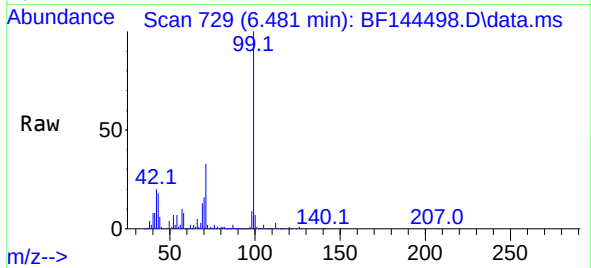




#7
Phenol-d6
Concen: 113.347 ng
RT: 6.481 min Scan# 718
Delta R.T. 0.065 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

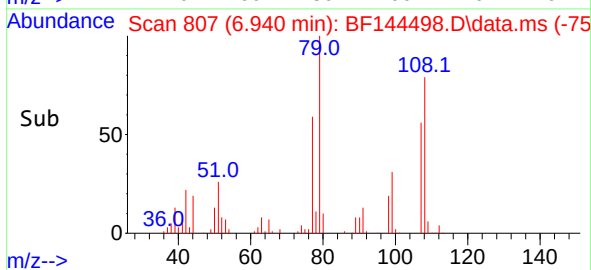
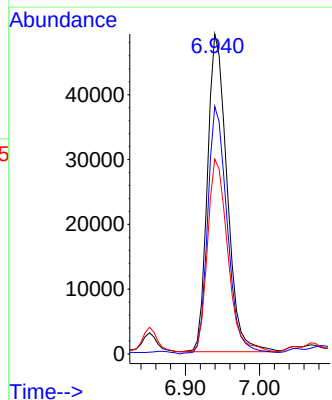
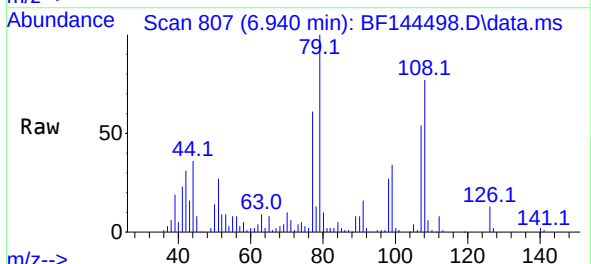
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

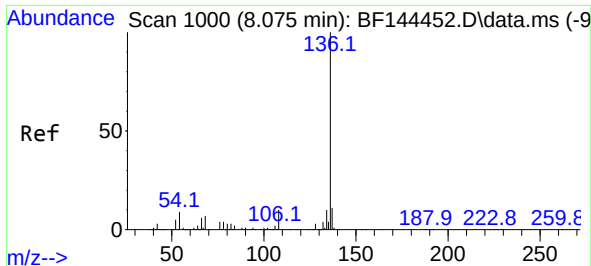
Tgt Ion: 99 Resp: 2111280
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 33.3 26.4 39.6



#15
Benzyl Alcohol
Concen: 6.547 ng
RT: 6.940 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion: 79 Resp: 89882
Ion Ratio Lower Upper
79 100
108 77.3 63.7 95.5
77 60.9 49.3 73.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144498.D

Acq: 16 Dec 2025 16:47

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"

Tgt Ion:136 Resp: 877124

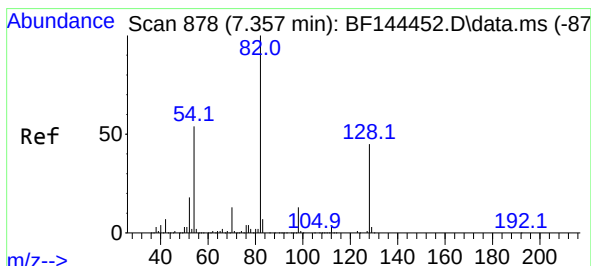
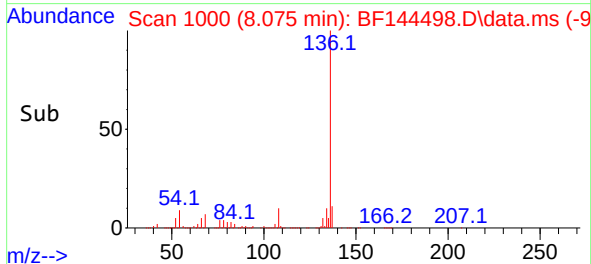
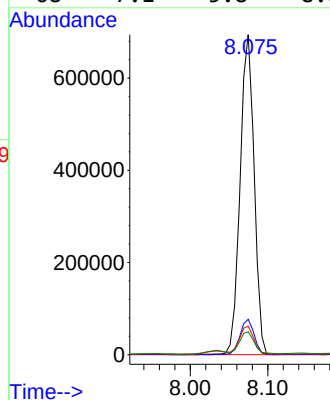
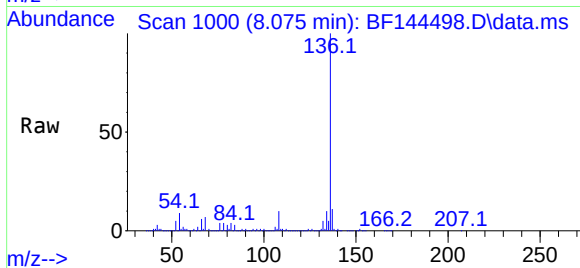
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.9 7.5 11.3

68 7.1 5.8 8.8



#23

Nitrobenzene-d5

Concen: 105.165 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF144498.D

Acq: 16 Dec 2025 16:47

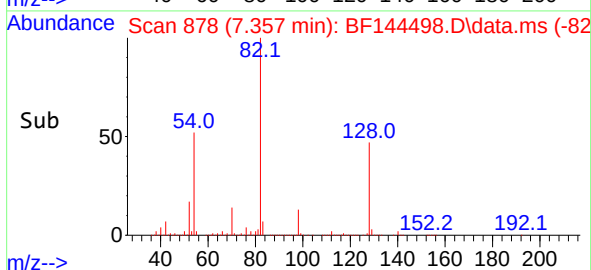
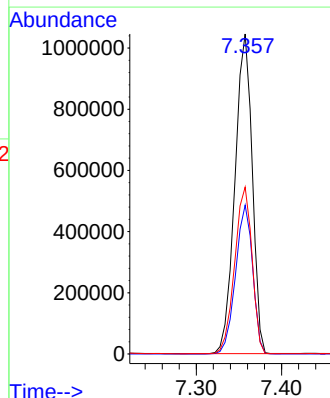
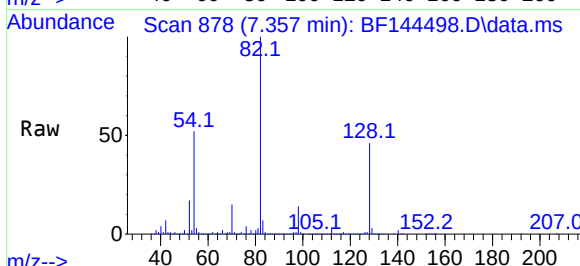
Tgt Ion: 82 Resp: 1474044

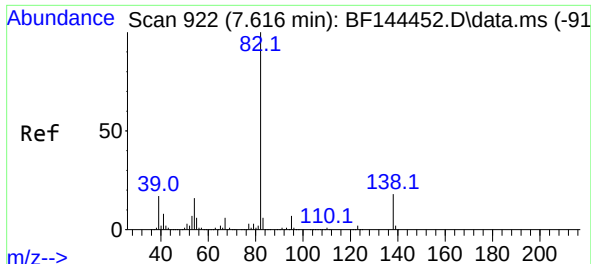
Ion Ratio Lower Upper

82 100

128 46.5 35.5 53.3

54 52.2 43.3 64.9

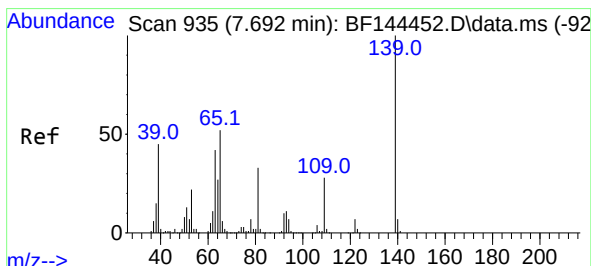
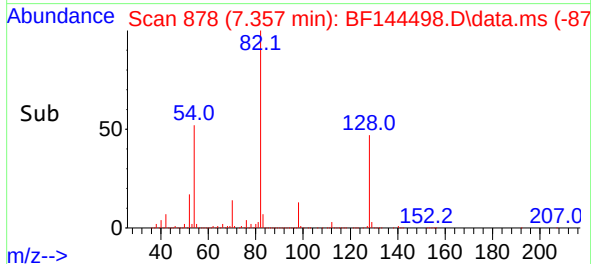
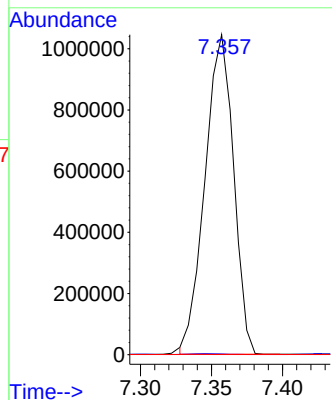
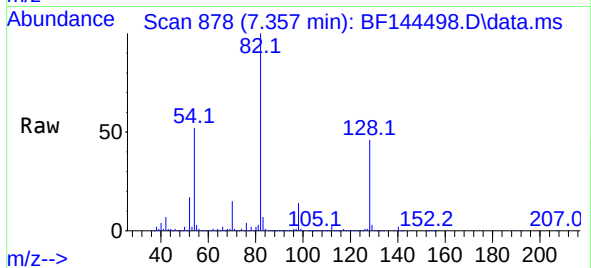




#25
Isophorone
Concen: 46.166 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

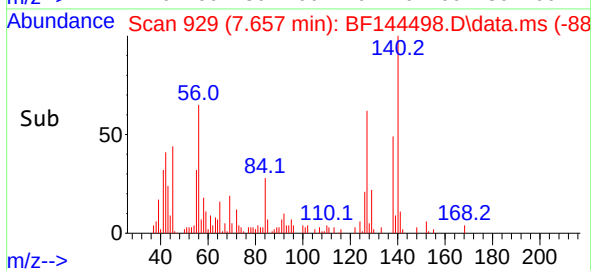
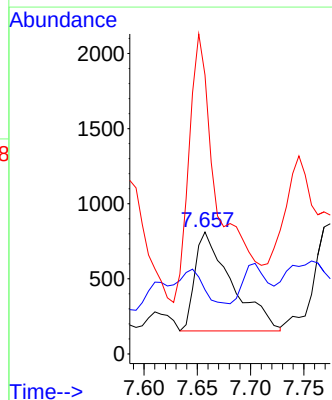
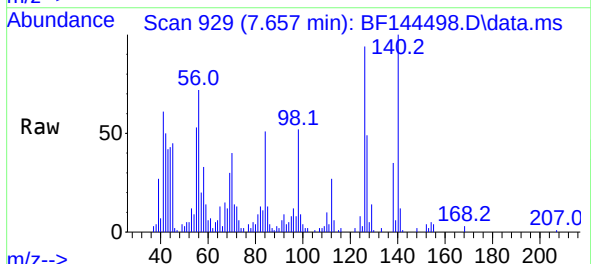
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

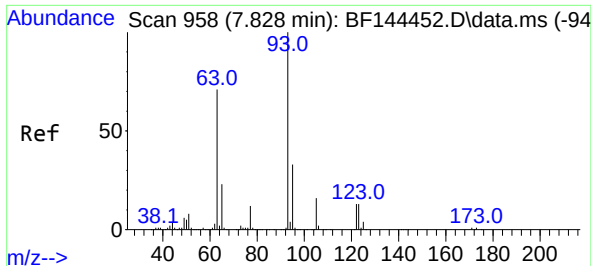
Tgt Ion: 82 Resp: 1460368
Ion Ratio Lower Upper
82 100
95 0.2 5.4 8.2#
138 0.0 14.4 21.6#



#26
2-Nitrophenol
Concen: 4.022 ng
RT: 7.657 min Scan# 929
Delta R.T. -0.035 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:139 Resp: 1588
Ion Ratio Lower Upper
139 100
109 52.7 22.1 33.1#
65 228.9 41.5 62.3#

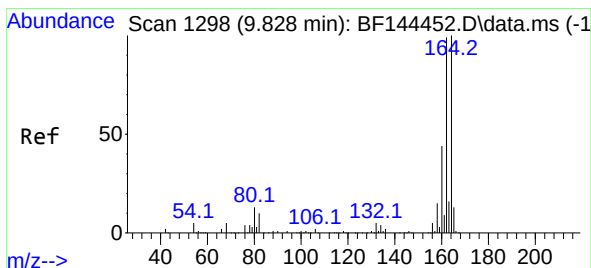
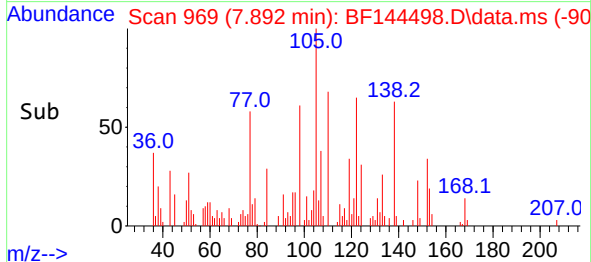
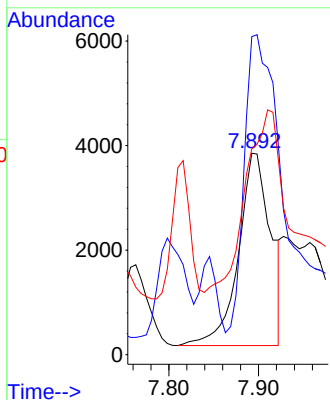
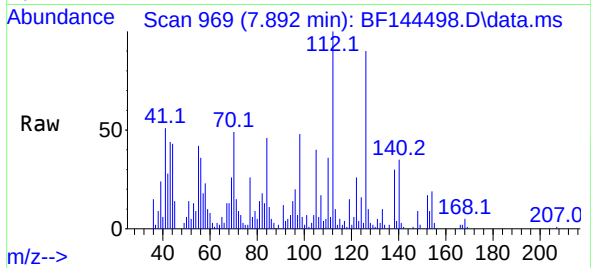




#32
Benzoic acid
Concen: 7.390 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.064 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

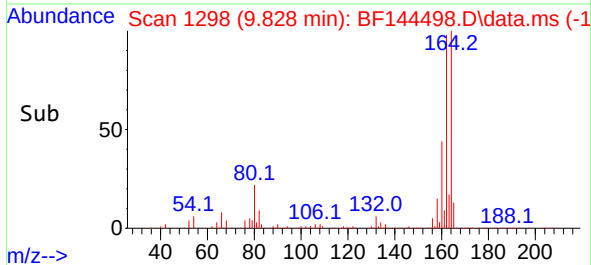
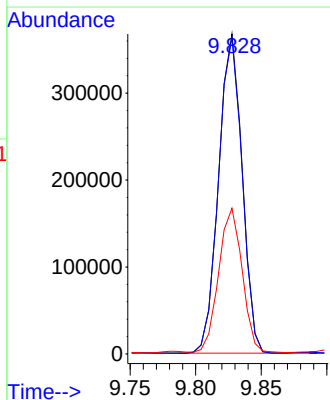
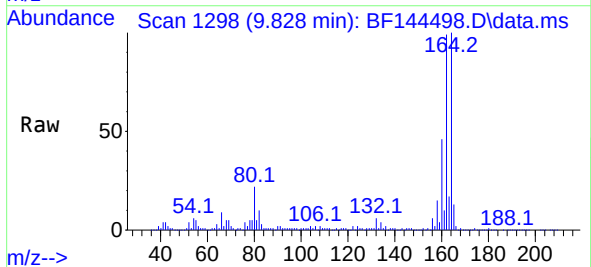
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

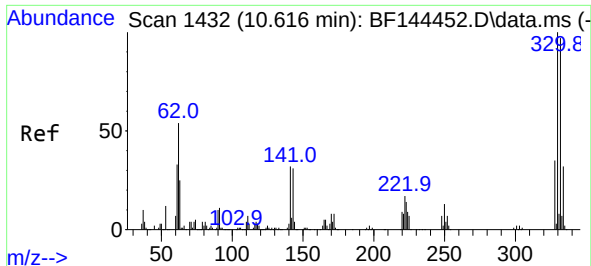
Tgt Ion:122 Resp: 9192
Ion Ratio Lower Upper
122 100
105 158.0 103.2 143.2#
77 102.2 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:164 Resp: 456892
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 45.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 134.592 ng

RT: 10.639 min Scan# 1432

Delta R.T. 0.023 min

Lab File: BF144498.D

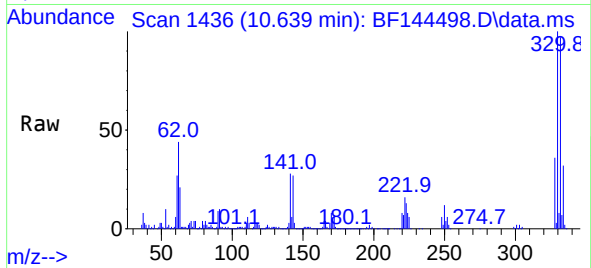
Acq: 16 Dec 2025 16:47

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"



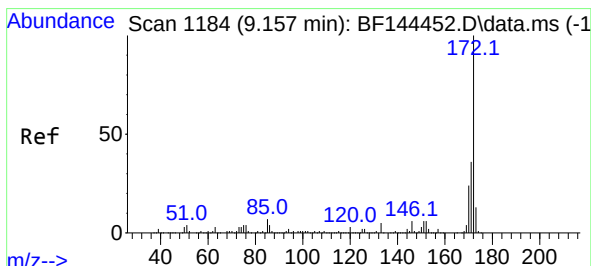
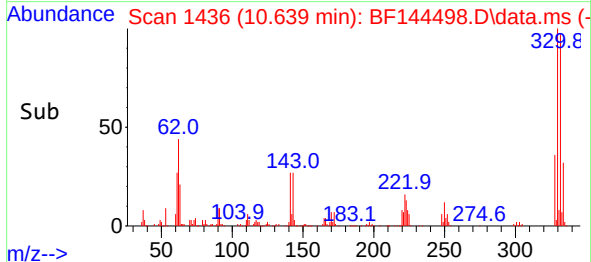
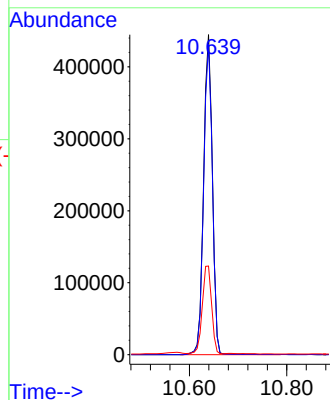
Tgt Ion:330 Resp: 555964

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 28.9 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 86.223 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144498.D

Acq: 16 Dec 2025 16:47

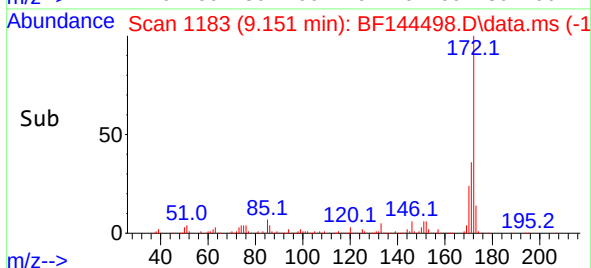
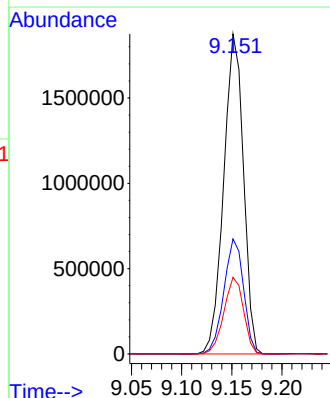
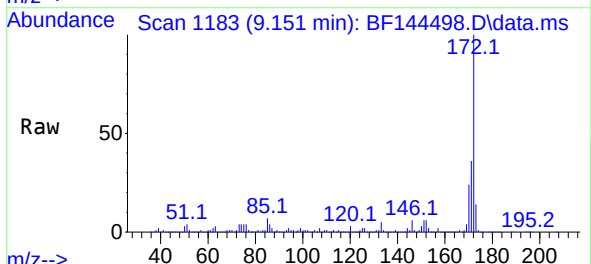
Tgt Ion:172 Resp: 2567960

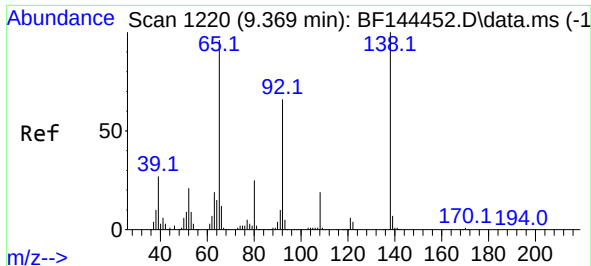
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.9 19.3 28.9

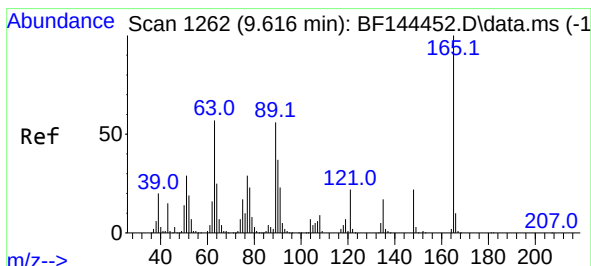
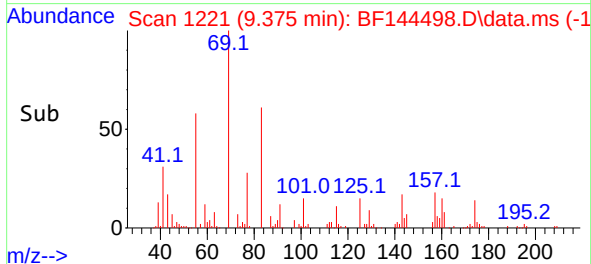
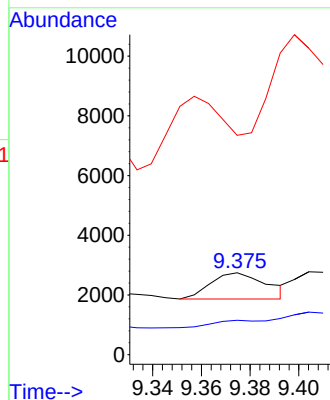
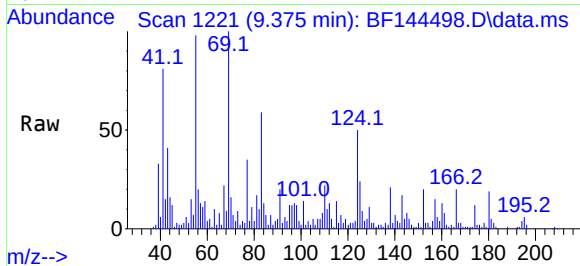




#48
2-Nitroaniline
Concen: 3.798 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

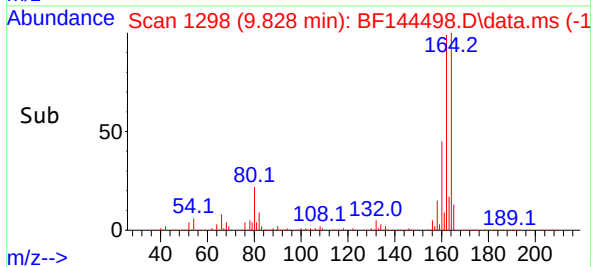
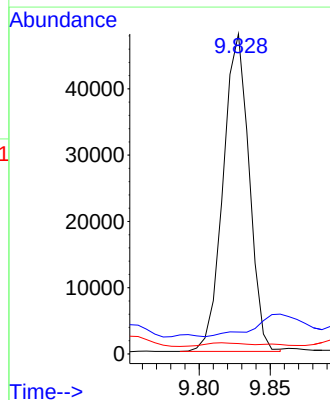
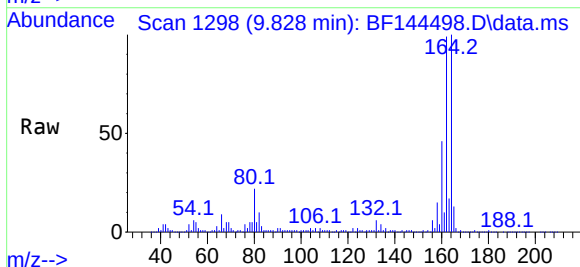
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

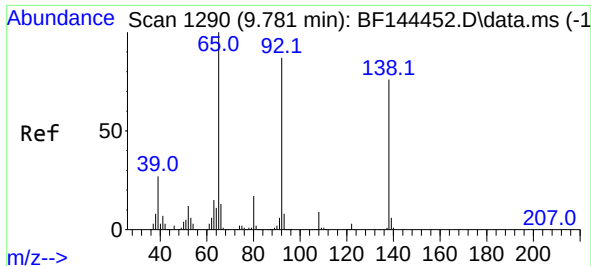
Tgt Ion: 65 Resp: 1396
Ion Ratio Lower Upper
65 100
92 42.0 55.0 82.4#
138 267.9 83.4 125.2#



#51
2,6-Dinitrotoluene
Concen: 13.796 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion: 165 Resp: 60878
Ion Ratio Lower Upper
165 100
63 6.8 45.9 68.9#
89 3.2 44.6 67.0#

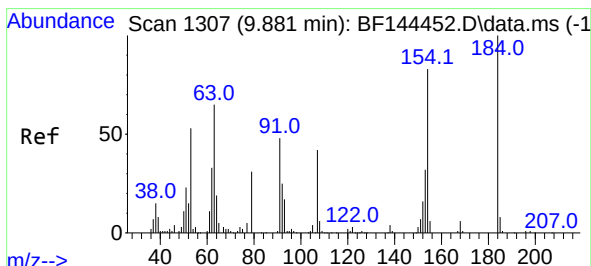
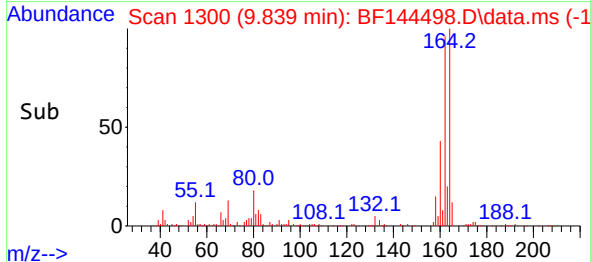
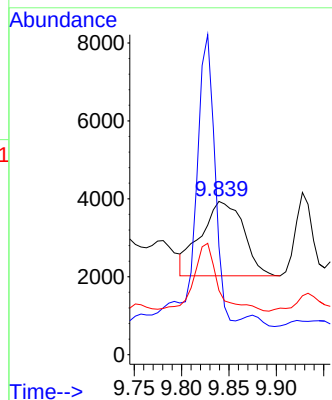
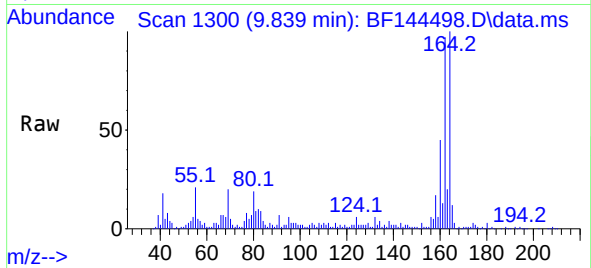




#53
3-Nitroaniline
Concen: 3.818 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.058 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

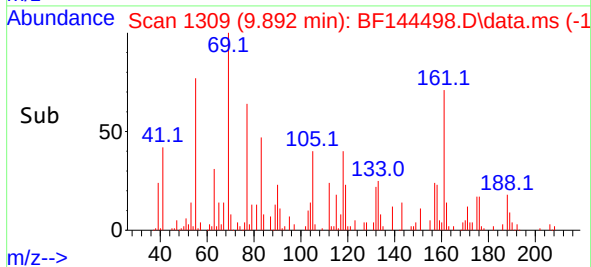
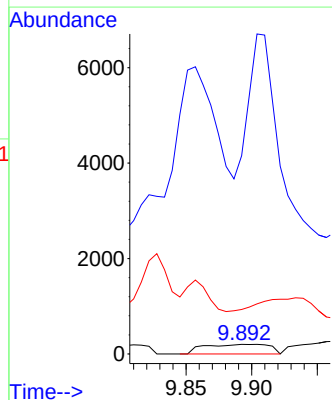
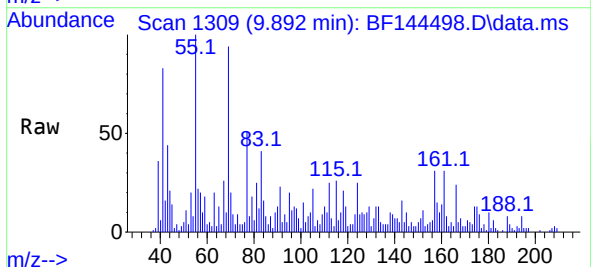
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

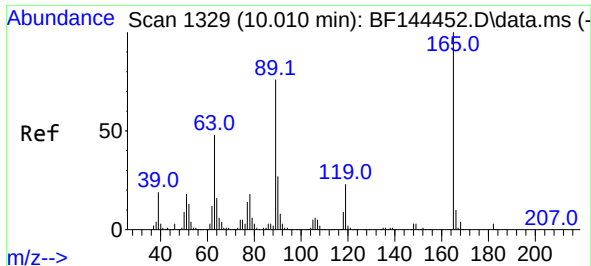
Tgt Ion:138 Resp: 5997
Ion Ratio Lower Upper
138 100
108 70.8 9.7 14.5#
92 41.9 91.5 137.3#



#54
2,4-Dinitrophenol
Concen: 7.052 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.011 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:184 Resp: 698
Ion Ratio Lower Upper
184 100
63 2077.0 60.6 91.0#
154 467.0 137.8 206.8#

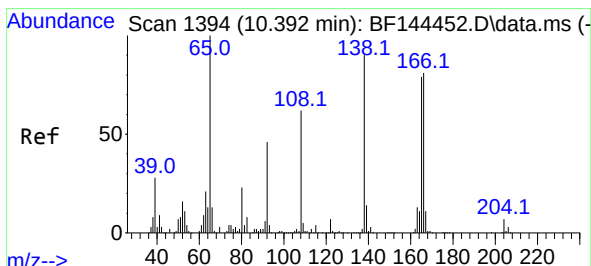
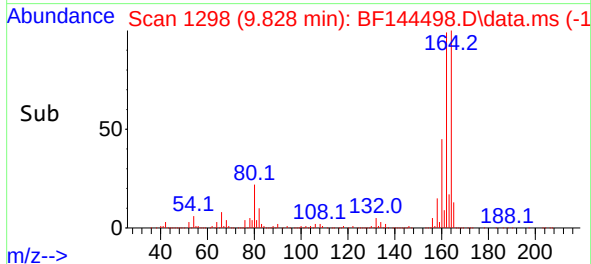
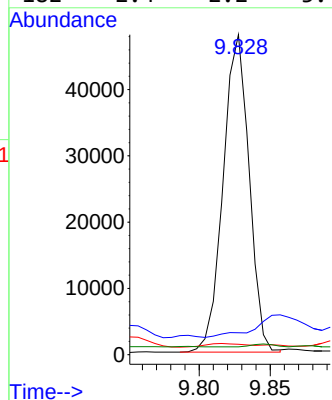
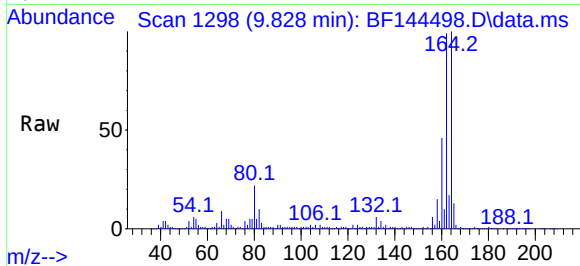




#57
2,4-Dinitrotoluene
Concen: 11.130 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

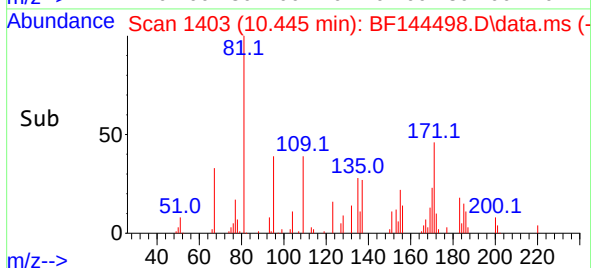
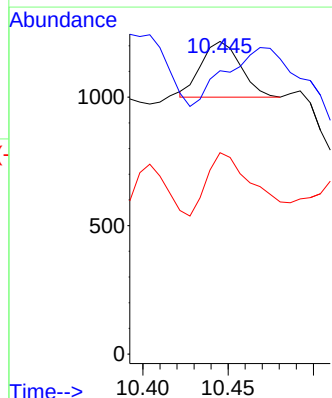
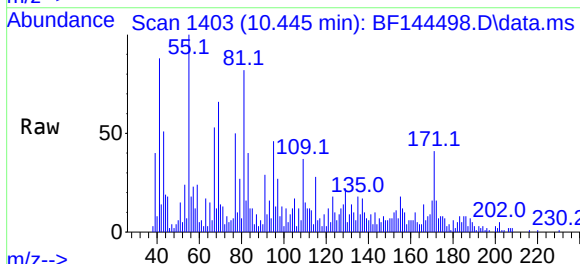
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

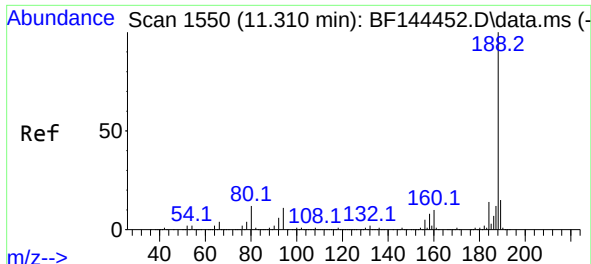
Tgt Ion:165 Resp: 60878
Ion Ratio Lower Upper
165 100
63 6.8 38.2 57.4#
89 3.2 61.2 91.8#
182 2.4 2.2 3.4



#62
4-Nitroaniline
Concen: 2.562 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.053 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:138 Resp: 347
Ion Ratio Lower Upper
138 100
92 90.6 30.8 70.8#
108 64.4 49.2 89.2

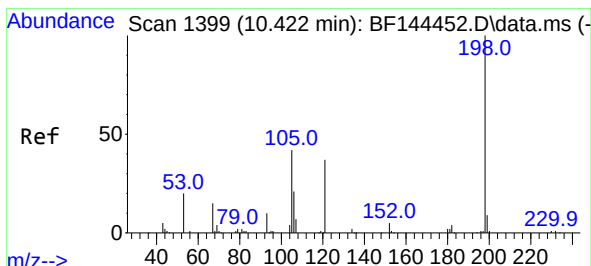
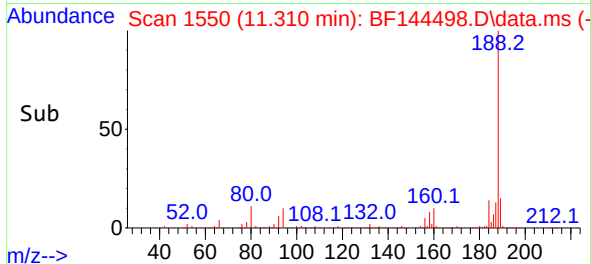
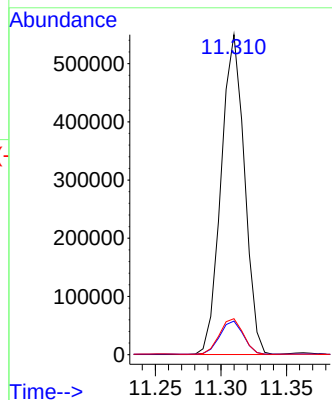
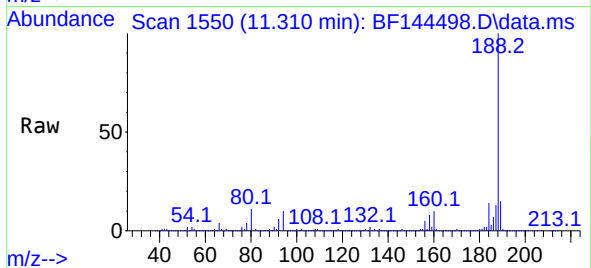




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

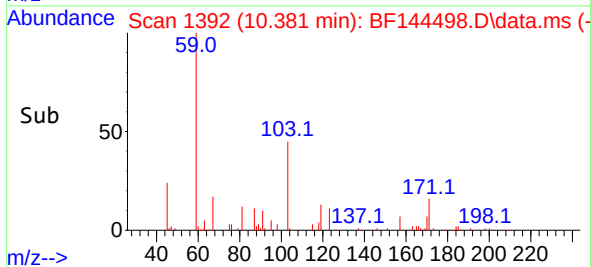
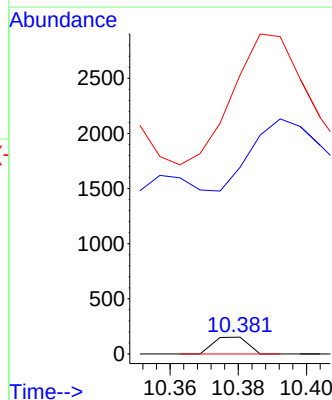
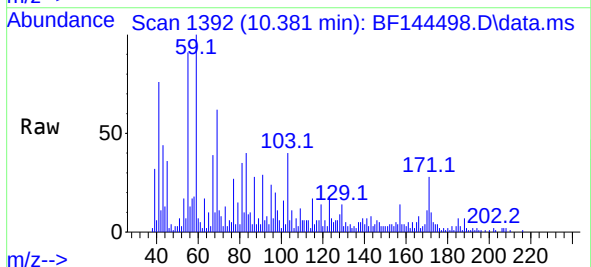
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

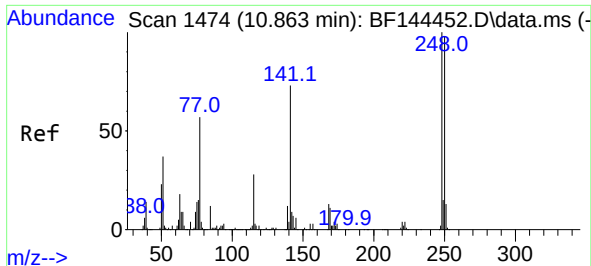
Tgt Ion:188 Resp: 680680
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.3 9.8 14.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.839 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.041 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

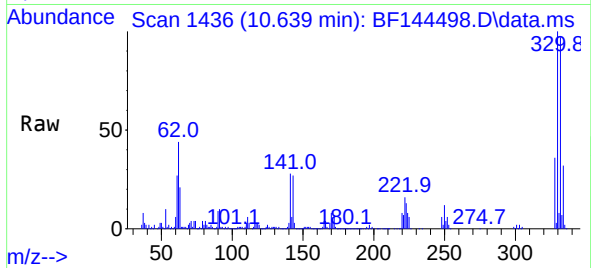
Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 1105.9 25.5 65.5#
105 1652.9 23.4 63.4#



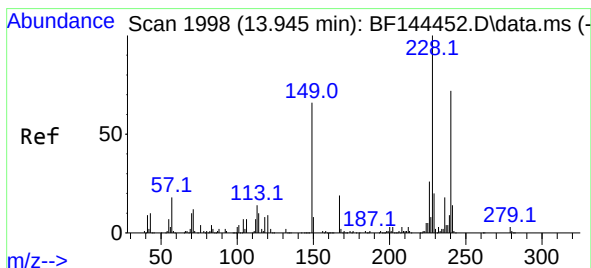
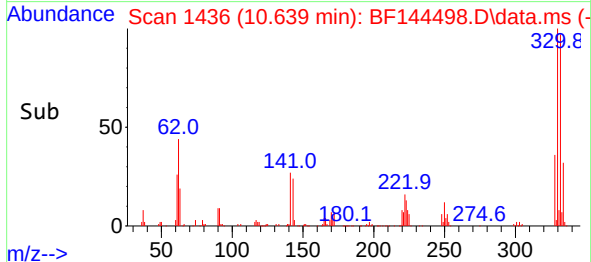
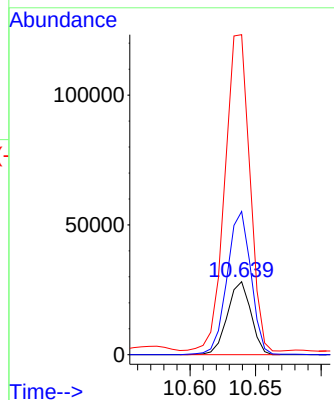


#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 10.639 min Scan# 1474
Delta R.T. -0.224 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"

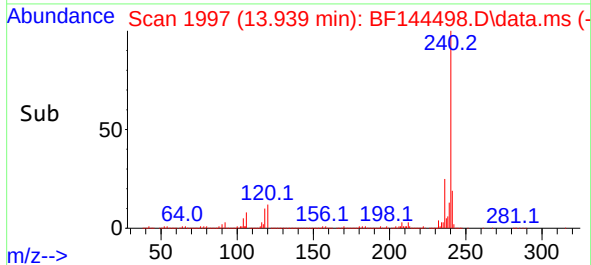
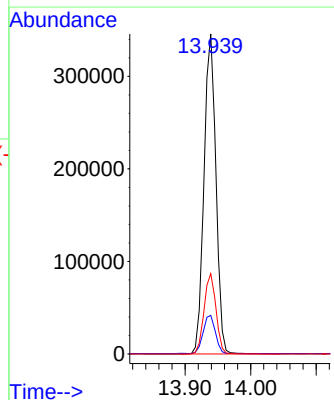
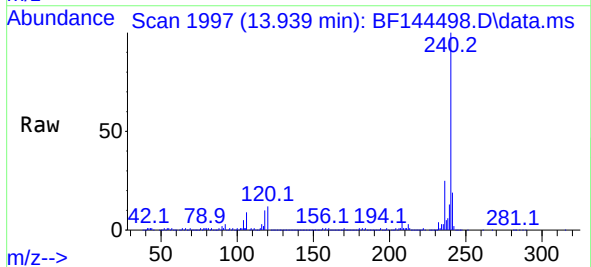


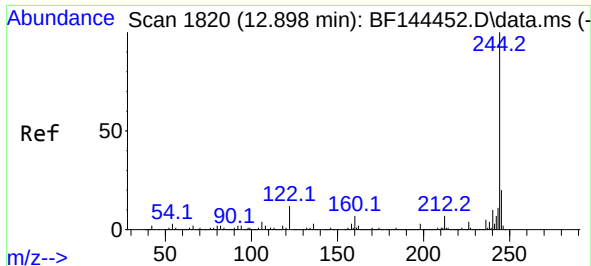
Tgt Ion:248 Resp: 35126
Ion Ratio Lower Upper
248 100
250 196.3 78.2 117.4#
141 438.5 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144498.D
Acq: 16 Dec 2025 16:47

Tgt Ion:240 Resp: 438867
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 25.1 20.2 30.4

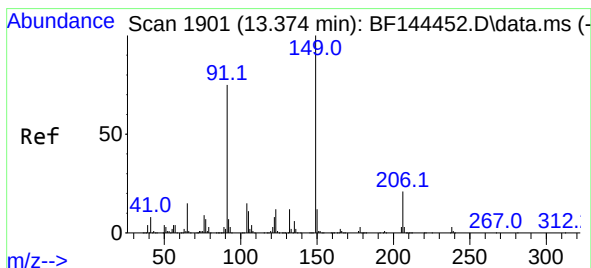
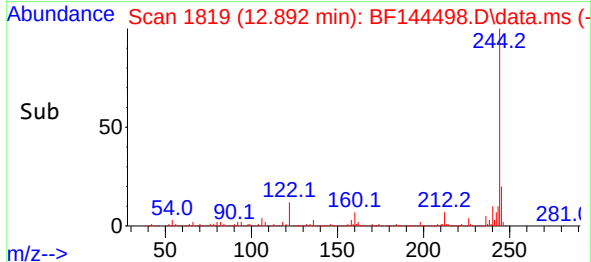
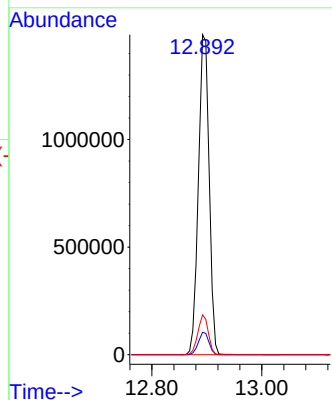
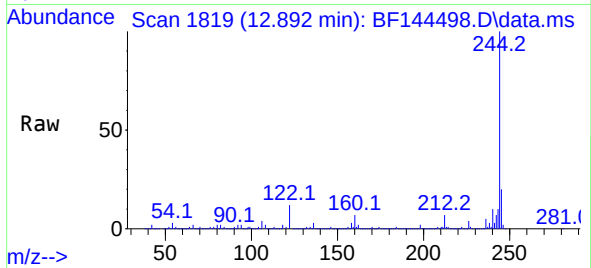




#79
 Terphenyl-d14
 Concen: 72.739 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144498.D
 Acq: 16 Dec 2025 16:47

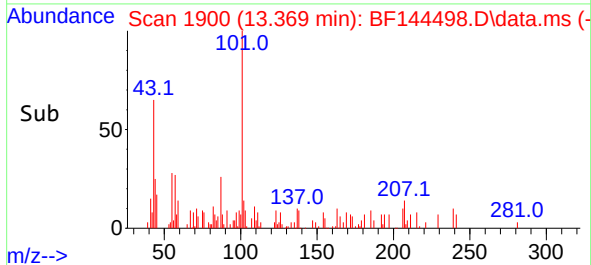
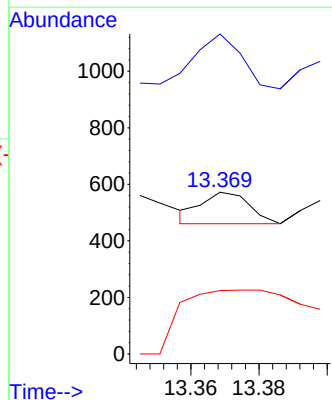
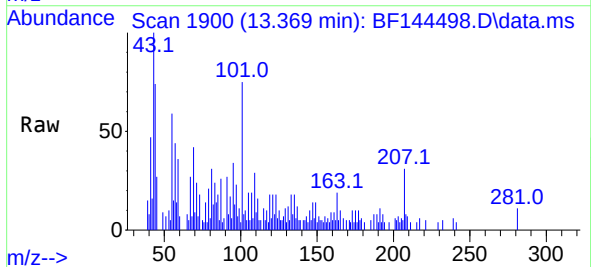
Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"

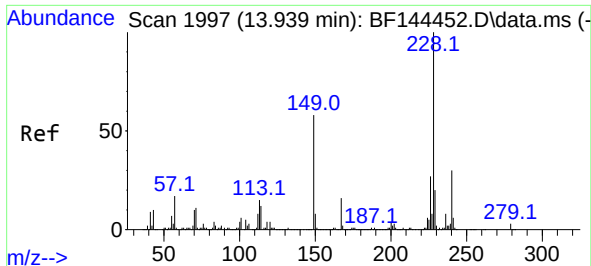
Tgt Ion:244 Resp: 2021989
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.4 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 3.265 ng
 RT: 13.369 min Scan# 1900
 Delta R.T. -0.005 min
 Lab File: BF144498.D
 Acq: 16 Dec 2025 16:47

Tgt Ion:149 Resp: 107
 Ion Ratio Lower Upper
 149 100
 91 197.9 59.8 89.8#
 206 39.2 17.0 25.6#



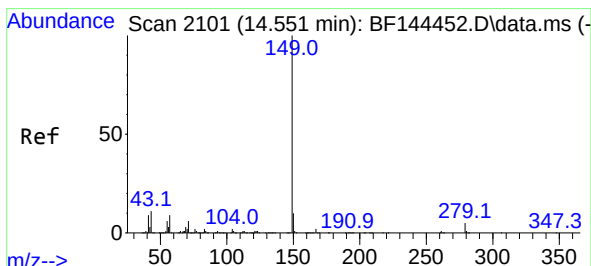
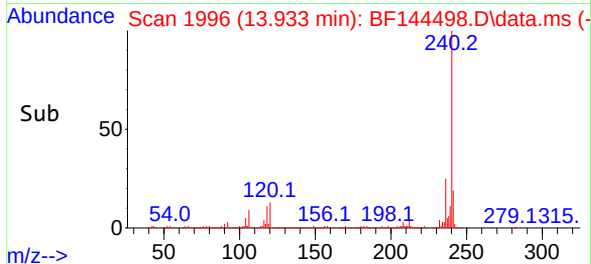
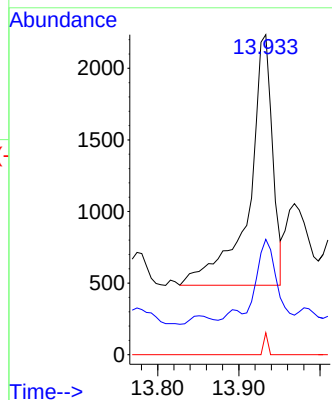
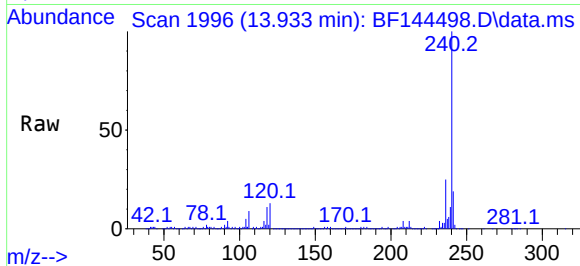


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.121 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144498.D
 Acq: 16 Dec 2025 16:47

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"

Tgt Ion:149 Resp: 3544

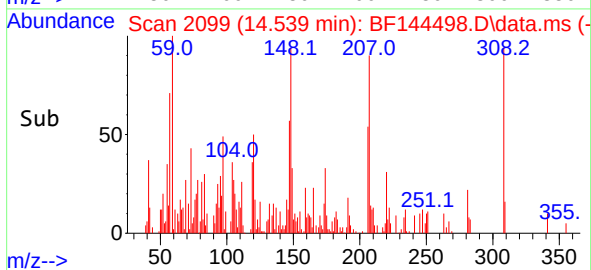
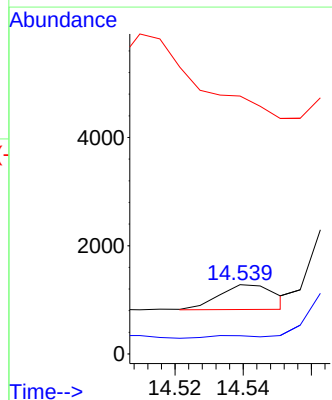
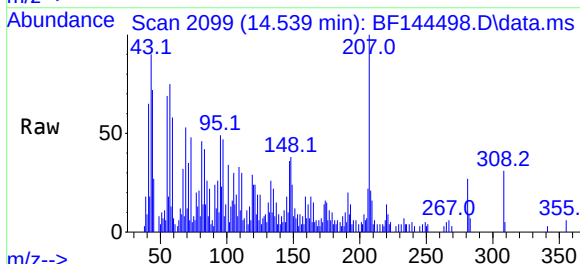
Ion	Ratio	Lower	Upper
149	100		
167	36.1	22.6	34.0#
279	6.8	3.7	5.5#

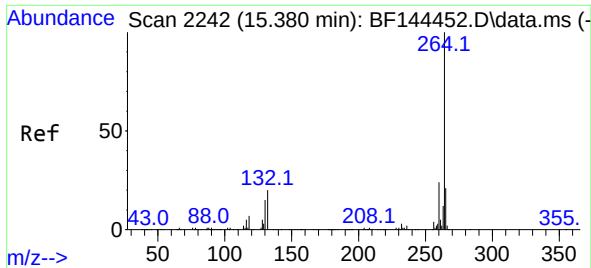


#85
 Di-n-octyl phthalate
 Concen: 6.521 ng
 RT: 14.539 min Scan# 2099
 Delta R.T. -0.012 min
 Lab File: BF144498.D
 Acq: 16 Dec 2025 16:47

Tgt Ion:149 Resp: 528

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: BF144498.D
 Acq: 16 Dec 2025 16:47

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"

Tgt Ion:264 Resp: 463409
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.7 17.1 25.7

