

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144013.D
 Acq On : 21 Oct 2025 15:33
 Operator : RC/JU
 Sample : Q3386-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 15:54:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

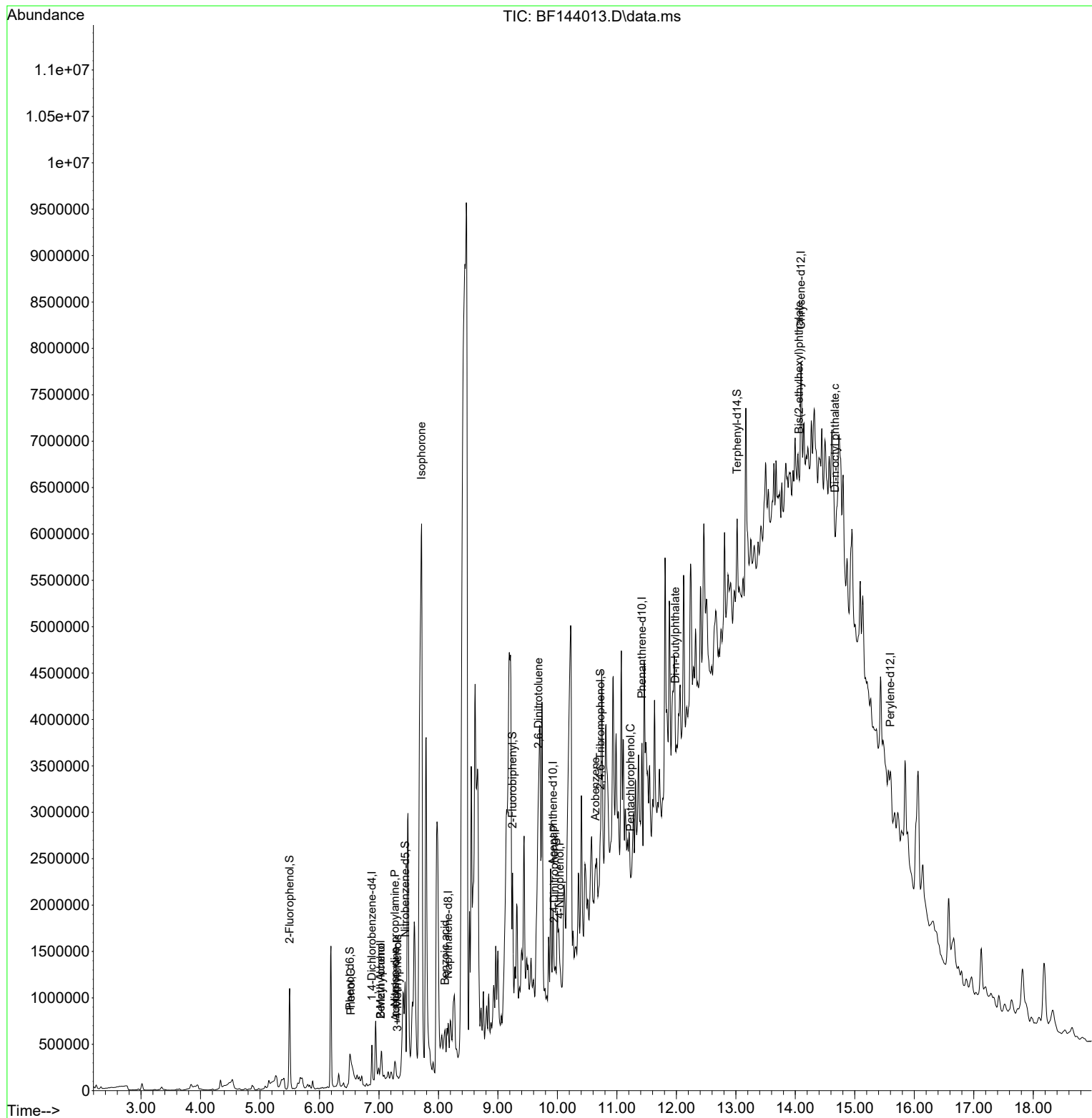
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84784	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	313703	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	132876	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	197689	20.00	ng	0.00
76) Chrysene-d12	14.092	240	140758	20.00	ng	# 0.02
86) Perylene-d12	15.598	264	234614	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	461517	86.44	ng	0.00
7) Phenol-d6	6.510	99	459042	72.13	ng	0.00
23) Nitrobenzene-d5	7.439	82	340852	66.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	161919	122.34	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	664467	79.35	ng	0.00
79) Terphenyl-d14	13.021	244	620483	75.34	ng	0.01
Target Compounds						
10) Phenol	6.528	94	33467	4.40	ng	# 40
15) Benzyl Alcohol	7.028	79	37551	7.88	ng	95
17) 2-Methylphenol	7.028	107	19609	4.55	ng	# 1
19) n-Nitroso-di-n-propyla...	7.269	70	12623	2.90	ng	# 1
20) 3+4-Methylphenols	7.310	107	12661	2.53	ng	# 67
22) Acetophenone	7.281	105	13888	2.09	ng	# 71
25) Isophorone	7.716	82	55477	5.10	ng	# 68
32) Benzoic acid	8.110	122	190177	62.14	ng	98
51) 2,6-Dinitrotoluene	9.680	165	10631	6.79	ng	# 48
54) 2,4-Dinitrophenol	9.945	184	224	7.15	ng	# 1
56) 4-Nitrophenol	10.039	139	5624	3.88	ng	# 10
63) Azobenzene	10.639	77	43322	5.29	ng	# 1
70) Pentachlorophenol	11.227	266	4759	3.28	ng	96
74) Di-n-butylphthalate	11.980	149	50004	5.03	ng	# 73
84) Bis(2-ethylhexyl)phtha...	14.063	149	111450	24.26	ng	# 80
85) Di-n-octyl phthalate	14.668	149	17371	2.30	ng	# 69

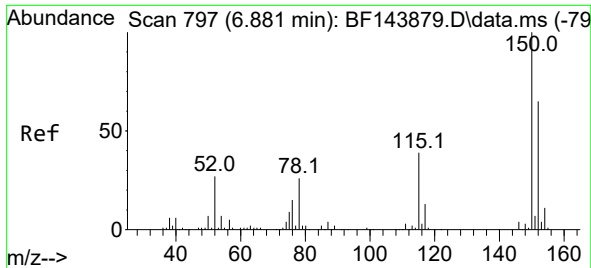
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144013.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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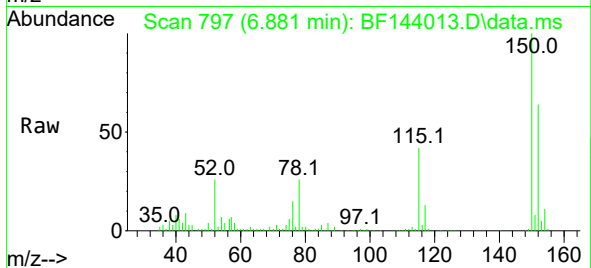
Quant Time: Oct 21 15:54:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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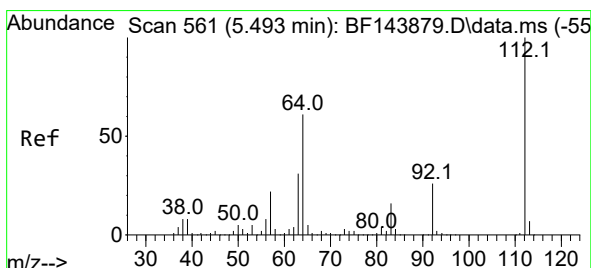
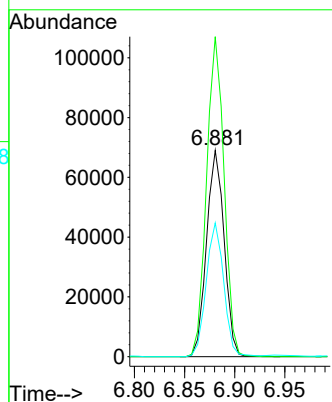
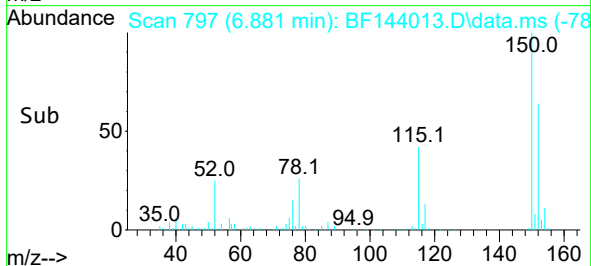


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.005 min
 Lab File: BF144013.D
 Acq: 21 Oct 2025 15:33

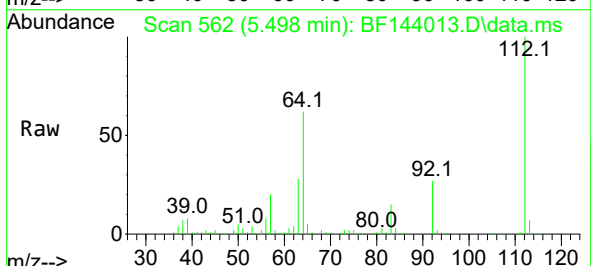
Instrument :
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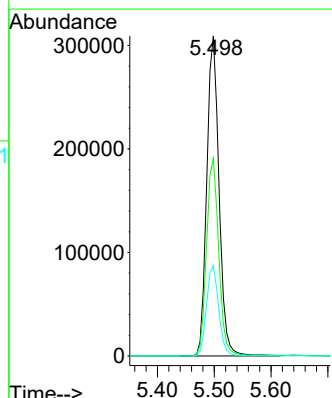
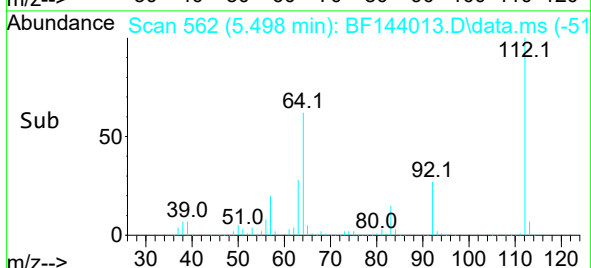
Tgt Ion:152 Resp: 84784
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.4 186.6
 115 64.9 48.1 72.1

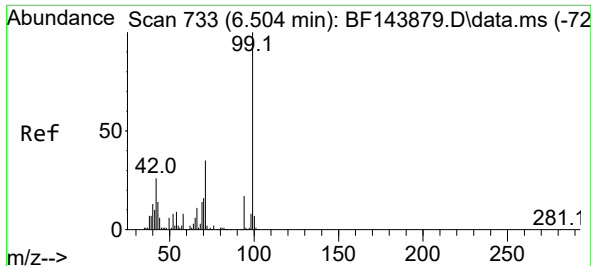


#5
 2-Fluorophenol
 Concen: 86.44 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF144013.D
 Acq: 21 Oct 2025 15:33



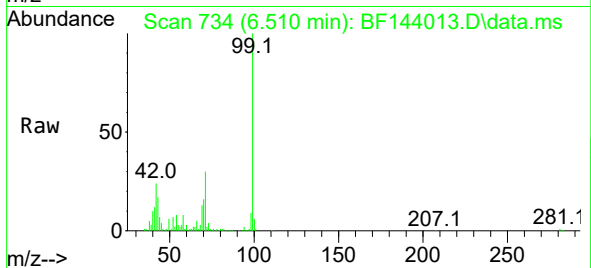
Tgt Ion:112 Resp: 461517
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.1 73.7
 63 28.3 24.5 36.7



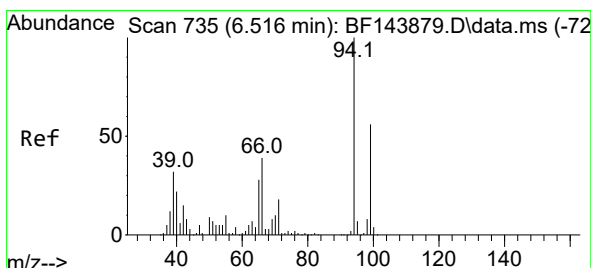
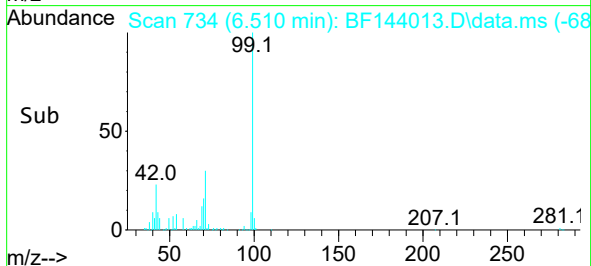
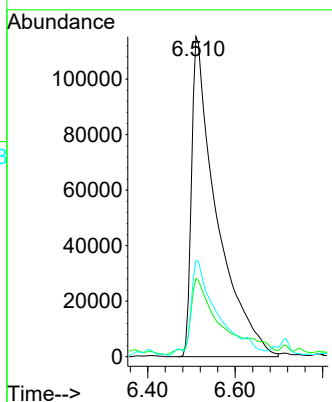


#7
Phenol-d6
Concen: 72.13 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Instrument :
BNA_F
ClientSampleId :

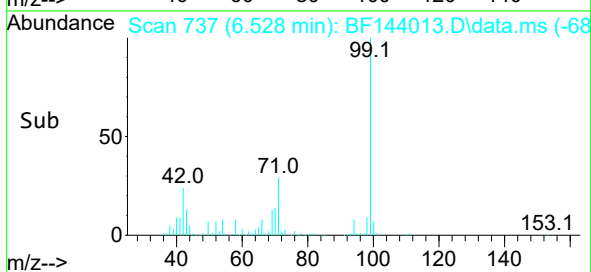
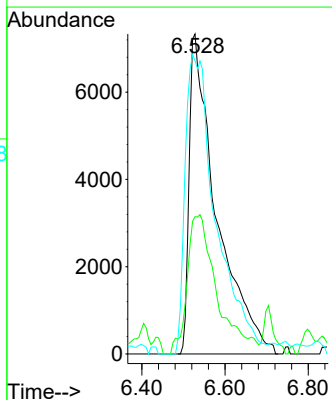
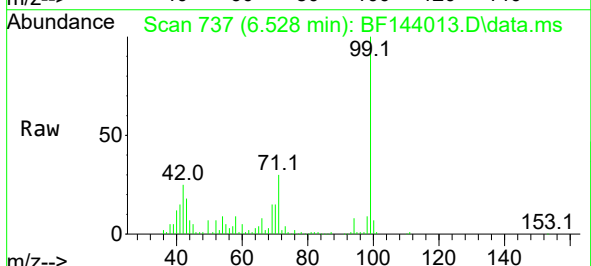


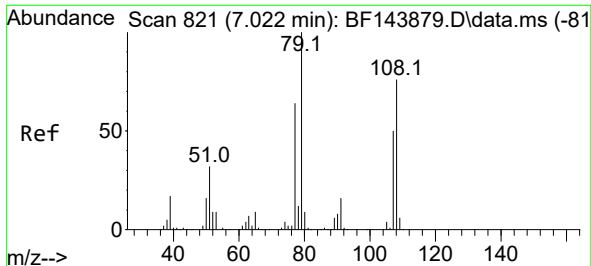
Tgt Ion: 99 Resp: 459042
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 30.1 27.8 41.8



#10
Phenol
Concen: 4.40 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Tgt Ion: 94 Resp: 33467
Ion Ratio Lower Upper
94 100
65 42.9 8.5 48.5
66 91.6 19.9 59.9#





#15

Benzyl Alcohol

Concen: 7.88 ng

RT: 7.028 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

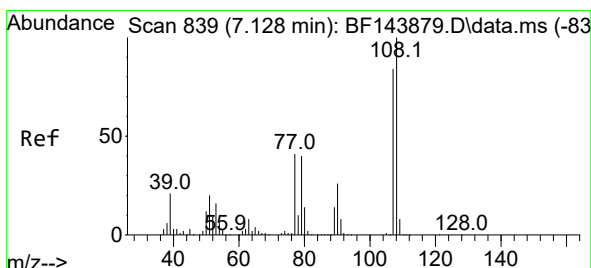
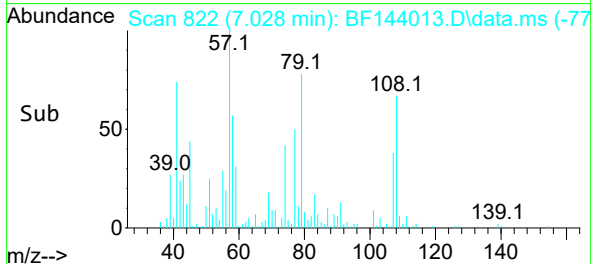
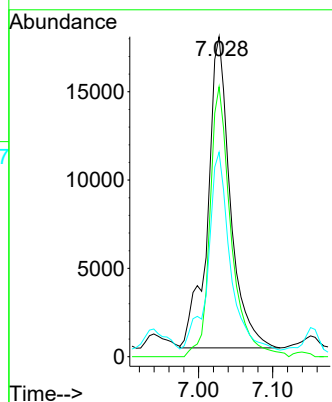
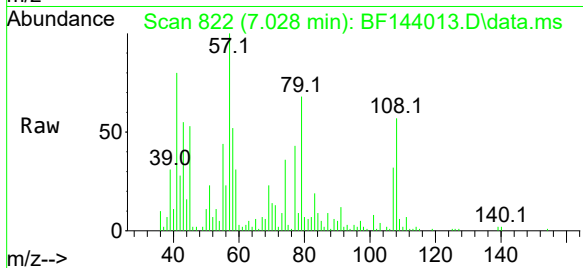
Tgt Ion: 79 Resp: 37551

Ion Ratio Lower Upper

79 100

108 84.3 60.8 91.2

77 63.9 51.0 76.6



#17

2-Methylphenol

Concen: 4.55 ng

RT: 7.028 min Scan# 822

Delta R.T. -0.106 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Tgt Ion: 107 Resp: 19609

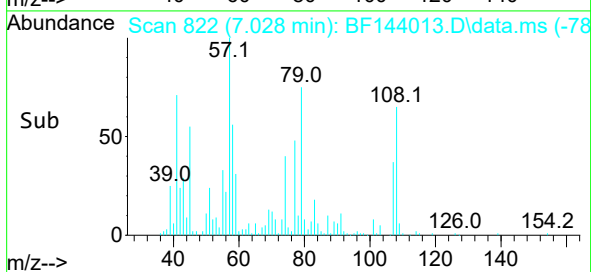
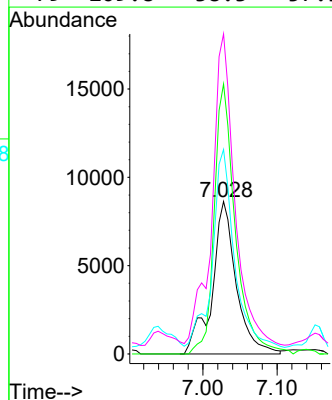
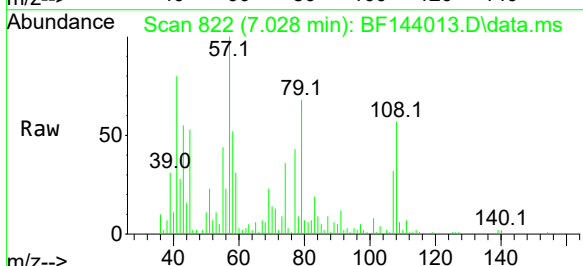
Ion Ratio Lower Upper

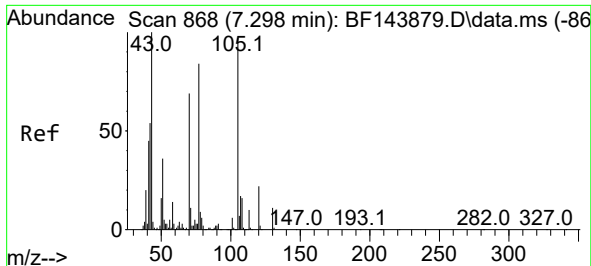
107 100

108 177.0 94.7 142.1#

77 134.1 38.8 58.2#

79 209.8 38.3 57.5#

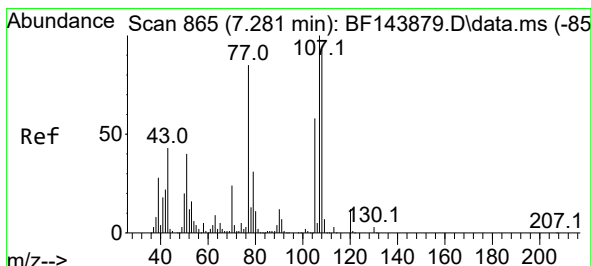
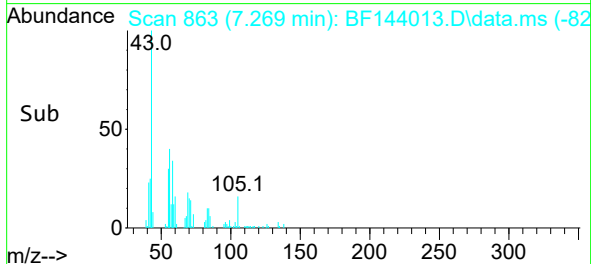
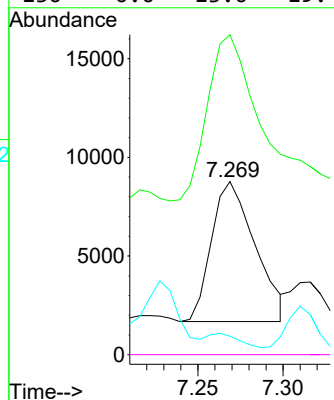
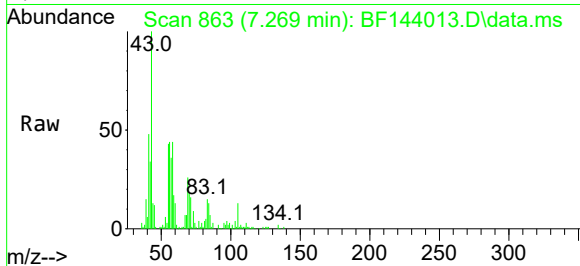




#19
n-Nitroso-di-n-propylamine
Concen: 2.90 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.047 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

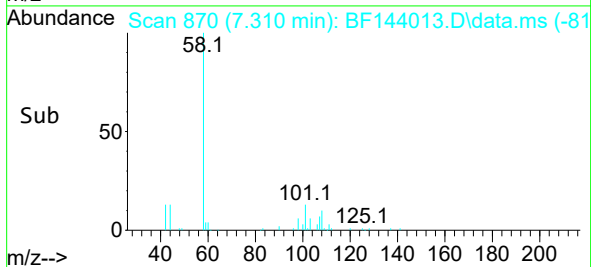
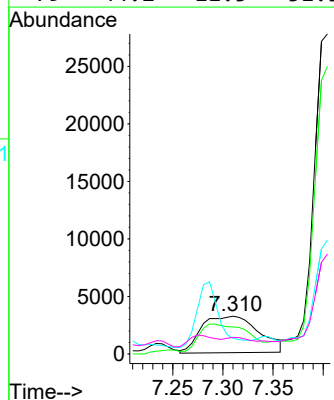
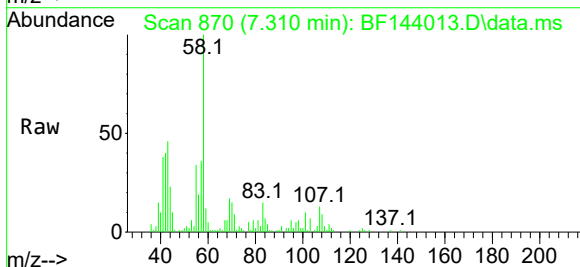
Instrument :
BNA_F
ClientSampleId :

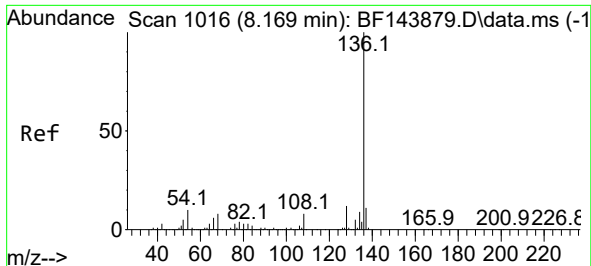
Tgt Ion: 70 Resp: 12623
Ion Ratio Lower Upper
70 100
42 184.8 62.8 94.2#
101 10.7 6.7 10.1#
130 0.0 13.0 19.4#



#20
3+4-Methylphenols
Concen: 2.53 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.012 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

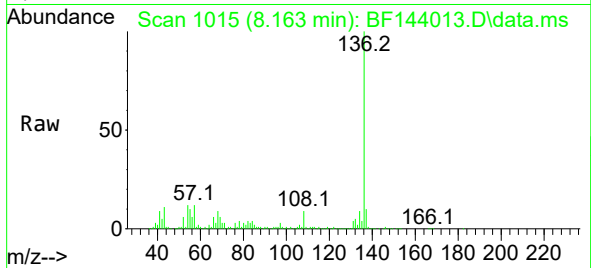
Tgt Ion: 107 Resp: 12661
Ion Ratio Lower Upper
107 100
108 71.6 73.0 113.0#
77 41.4 64.6 104.6#
79 44.2 11.5 51.5



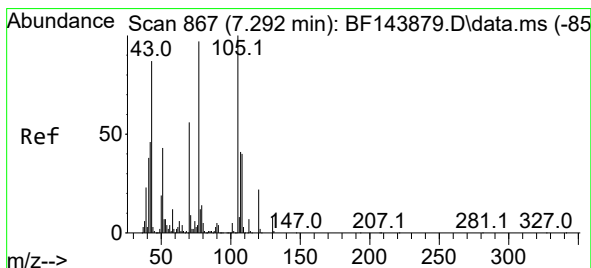
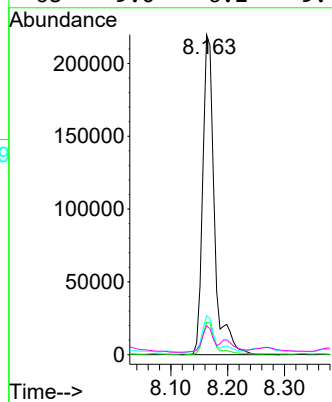
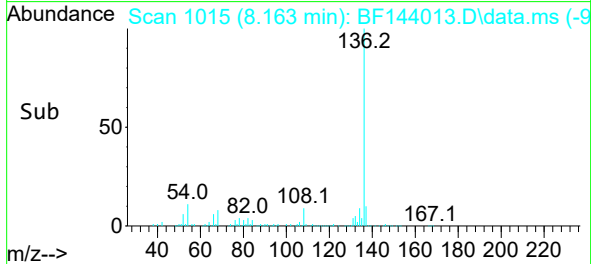


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Instrument :
BNA_F
ClientSampleId :

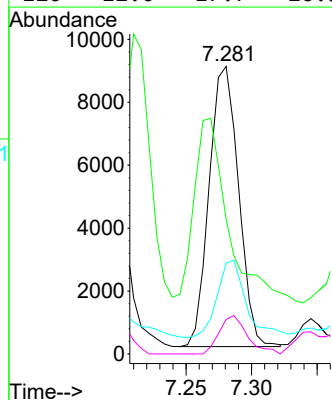
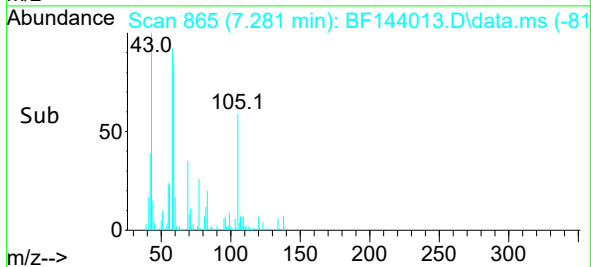
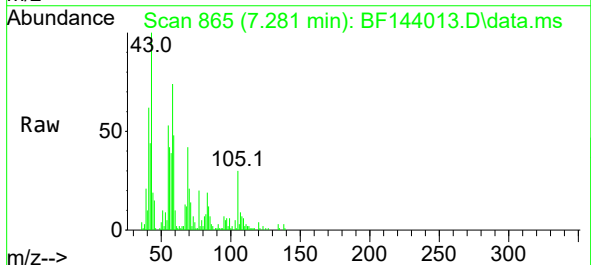


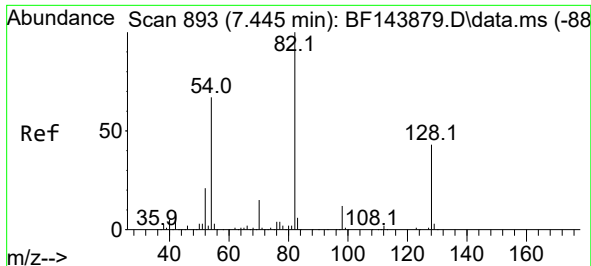
Tgt Ion:136 Resp: 313703
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 12.2 8.2 12.4
68 9.0 6.2 9.4



#22
Acetophenone
Concen: 2.09 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.023 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

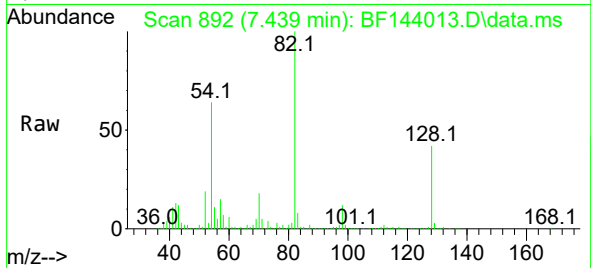
Tgt Ion:105 Resp: 13888
Ion Ratio Lower Upper
105 100
71 46.9 7.4 11.0#
51 31.6 34.2 51.4#
120 12.0 17.7 26.5#



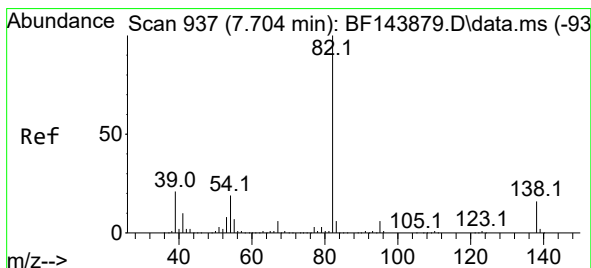
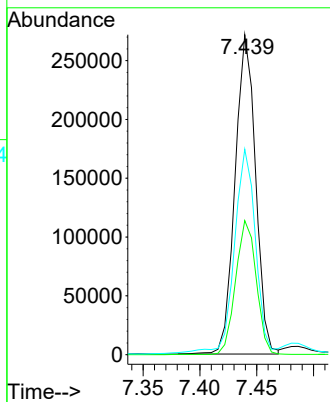
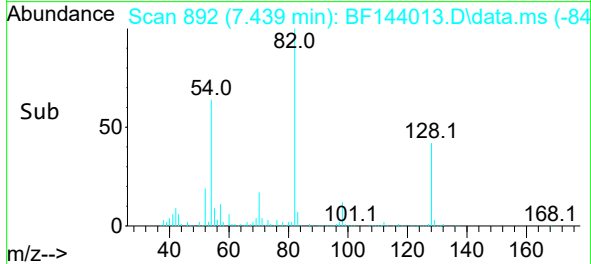


#23
Nitrobenzene-d5
Concen: 66.01 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

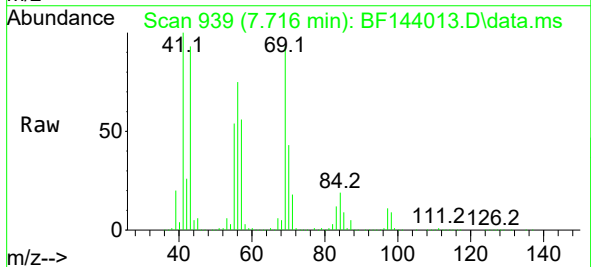
Instrument :
BNA_F
ClientSampleId :



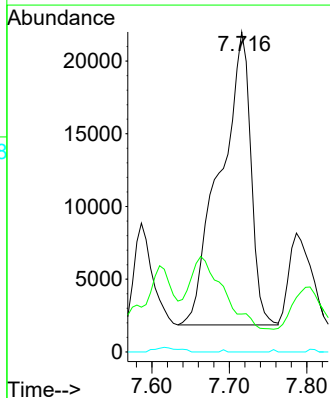
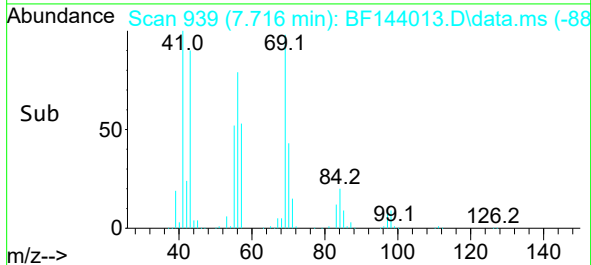
Tgt Ion: 82 Resp: 340852
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 64.2 53.2 79.8

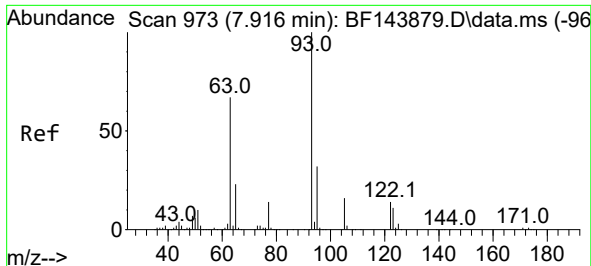


#25
Isophorone
Concen: 5.10 ng
RT: 7.716 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33



Tgt Ion: 82 Resp: 55477
Ion Ratio Lower Upper
82 100
95 11.9 5.1 7.7#
138 0.0 12.9 19.3#

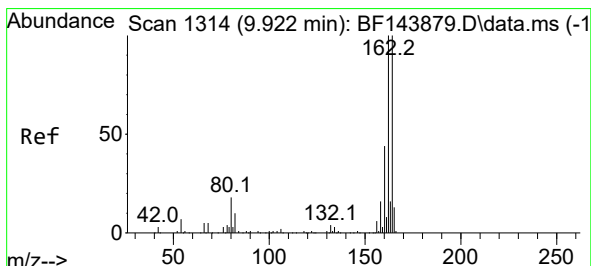
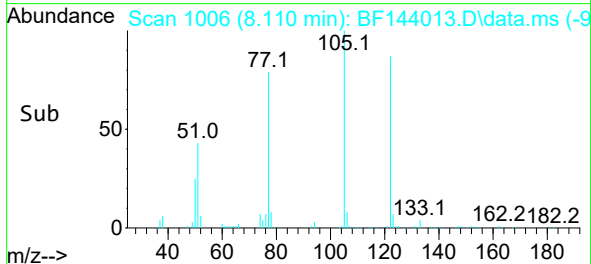
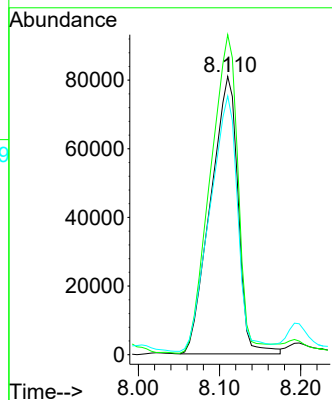
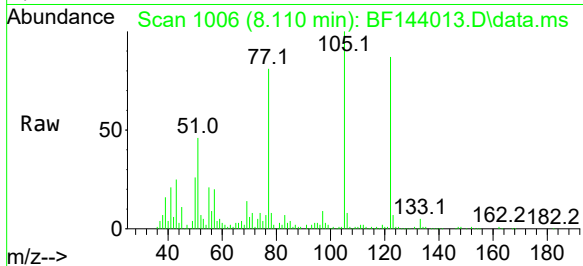




#32
Benzoic acid
Concen: 62.14 ng
RT: 8.110 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

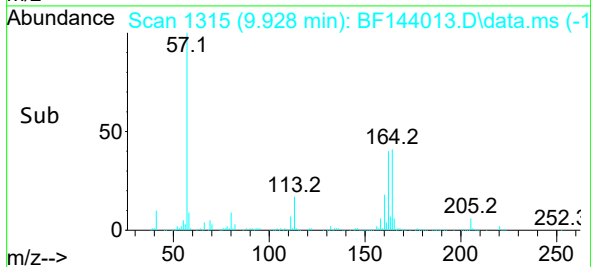
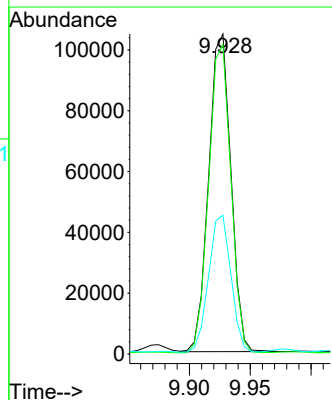
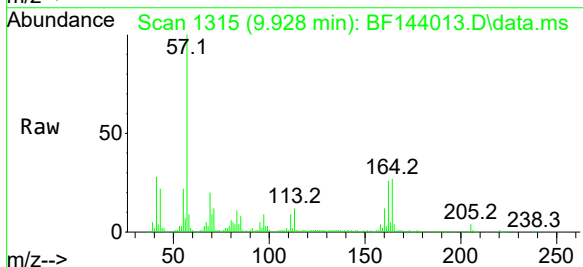
Instrument :
BNA_F
ClientSampleId :

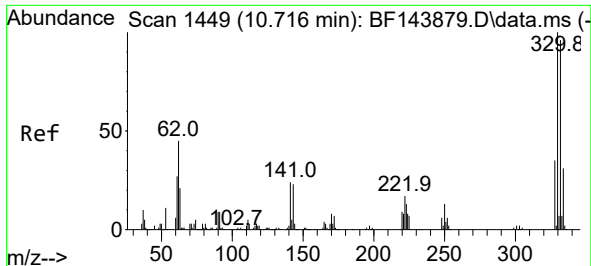
Tgt Ion:122 Resp: 190177
Ion Ratio Lower Upper
122 100
105 115.0 93.5 133.5
77 93.0 76.3 116.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.001 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

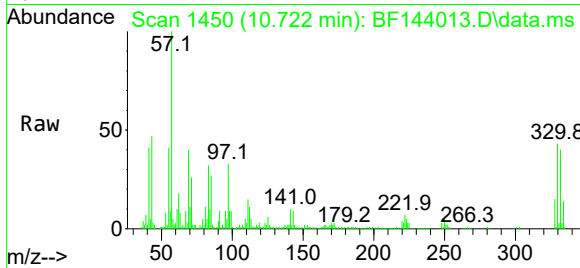
Tgt Ion:164 Resp: 132876
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 43.3 35.4 53.0



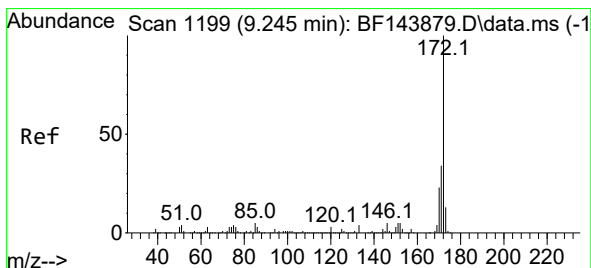
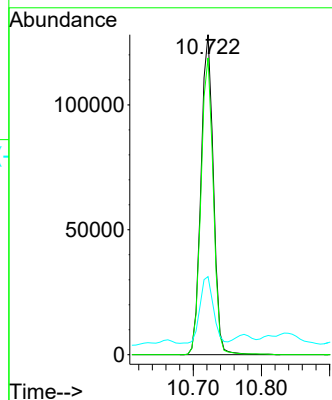
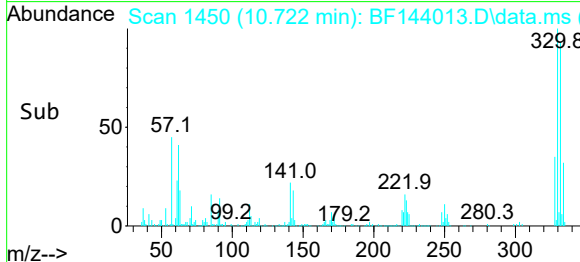


#42
2,4,6-Tribromophenol
Concen: 122.34 ng
RT: 10.722 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Instrument :
BNA_F
ClientSampleId :

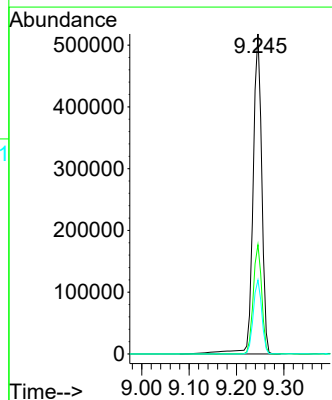
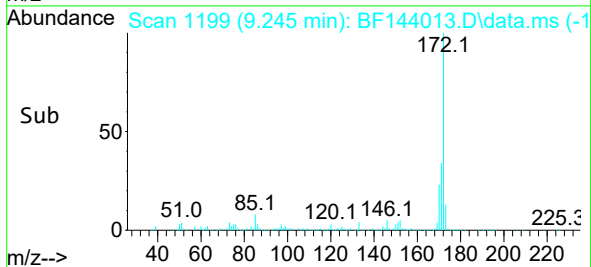
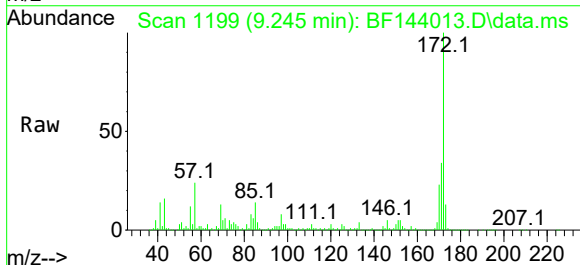


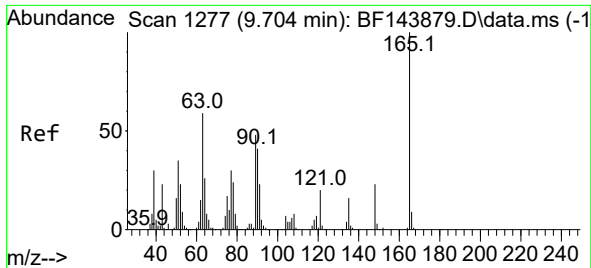
Tgt Ion: 330 Resp: 161919
Ion Ratio Lower Upper
330 100
332 92.7 76.9 115.3
141 22.8 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 79.35 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Tgt Ion: 172 Resp: 664467
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.1 18.6 28.0

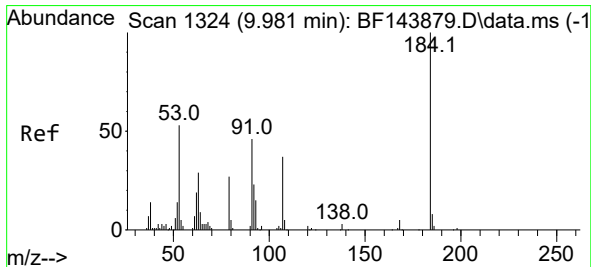
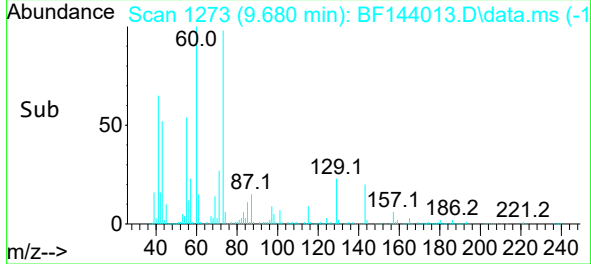
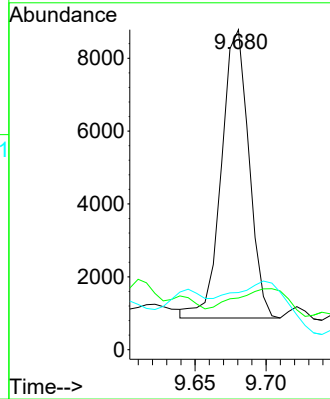
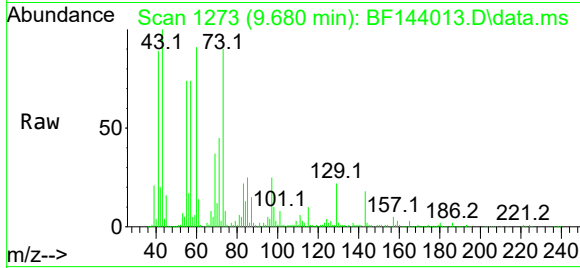




#51
2,6-Dinitrotoluene
Concen: 6.79 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.036 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

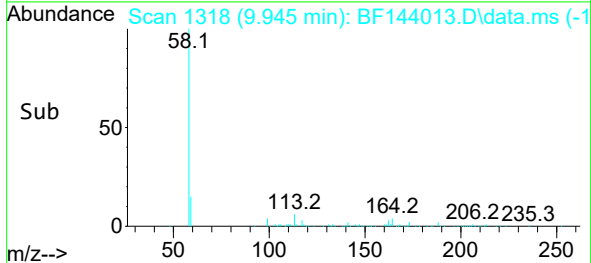
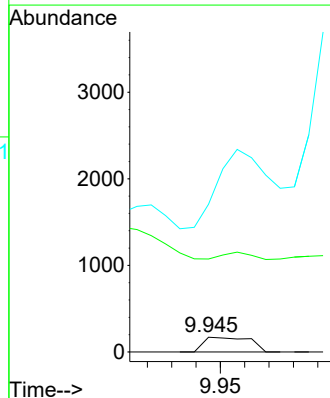
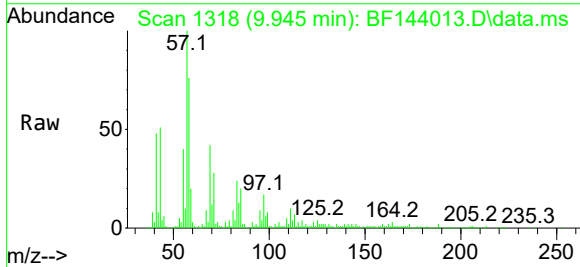
Instrument :
BNA_F
ClientSampleId :

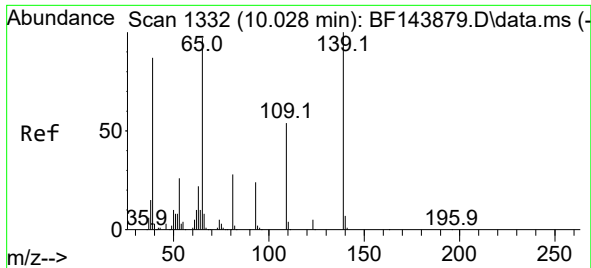
Tgt Ion:165 Resp: 10631
Ion Ratio Lower Upper
165 100
63 16.1 47.3 70.9#
89 17.8 38.2 57.4#



#54
2,4-Dinitrophenol
Concen: 7.15 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.041 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Tgt Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 631.2 48.2 72.4#
154 1003.5 49.2 73.8#

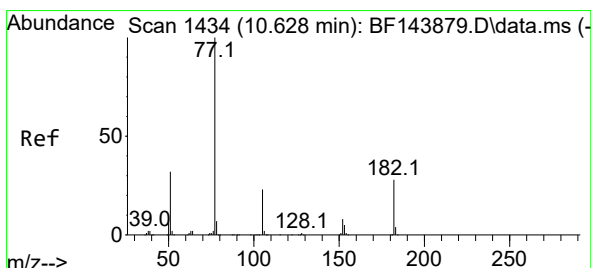
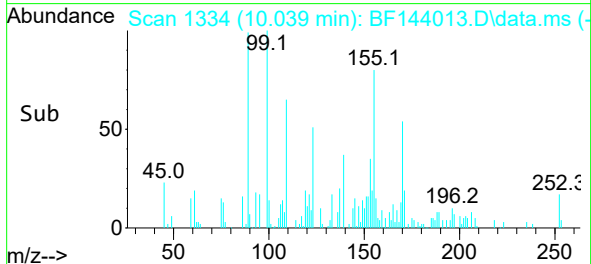
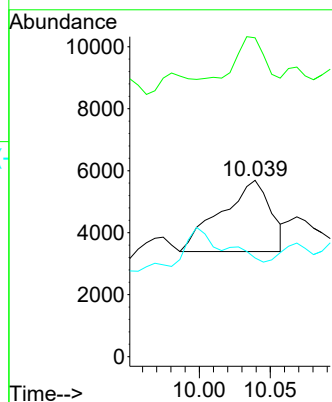
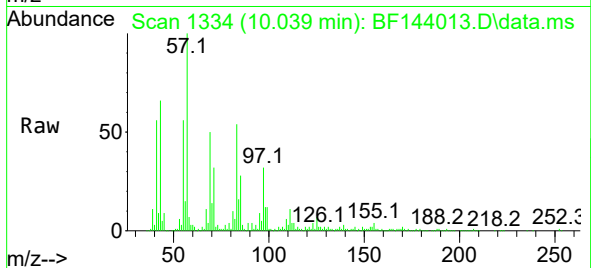




#56
4-Nitrophenol
Concen: 3.88 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

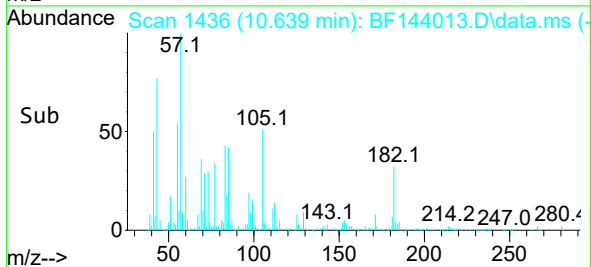
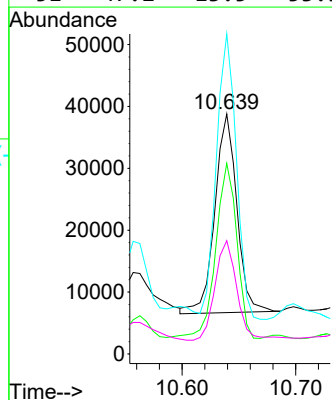
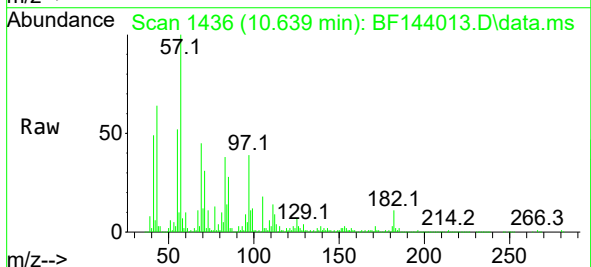
Instrument :
BNA_F
ClientSampleId :

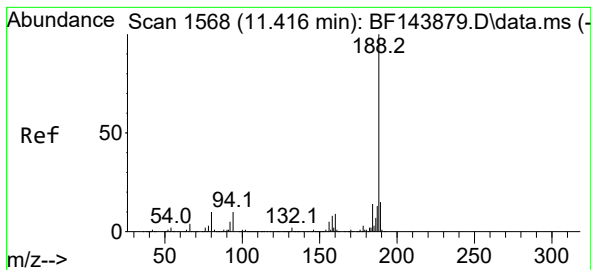
Tgt Ion:139 Resp: 5624
Ion Ratio Lower Upper
139 100
109 180.9 34.5 74.5#
65 56.0 77.6 117.6#



#63
Azobenzene
Concen: 5.29 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

Tgt Ion: 77 Resp: 43322
Ion Ratio Lower Upper
77 100
182 79.4 7.3 47.3#
105 133.4 3.0 43.0#
51 47.2 13.5 53.5





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

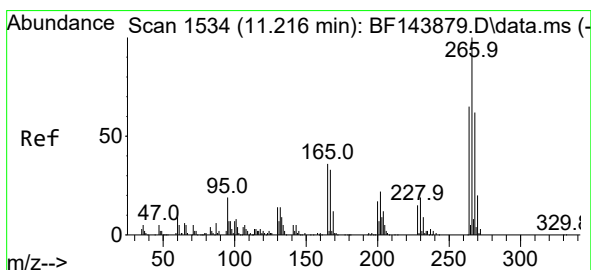
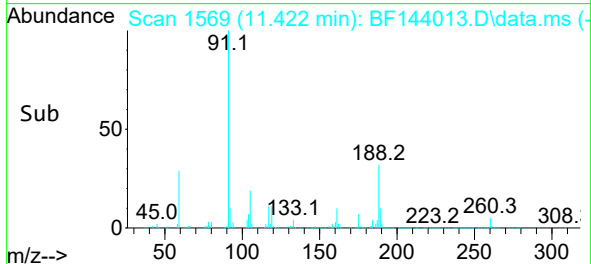
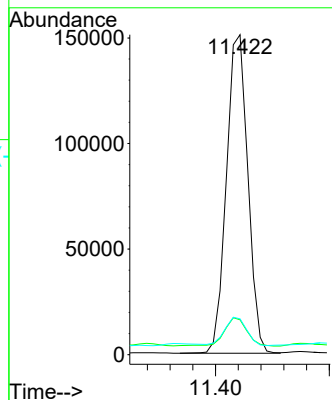
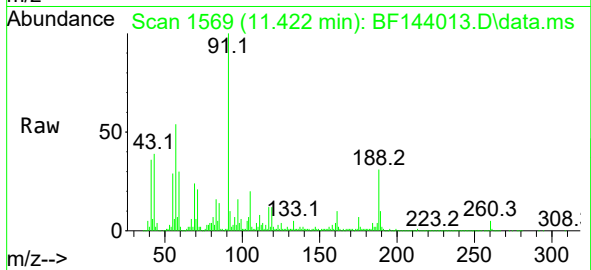
Tgt Ion:188 Resp: 197689

Ion Ratio Lower Upper

188 100

94 10.9 7.8 11.6

80 11.2 7.9 11.9



#70

Pentachlorophenol

Concen: 3.28 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.006 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

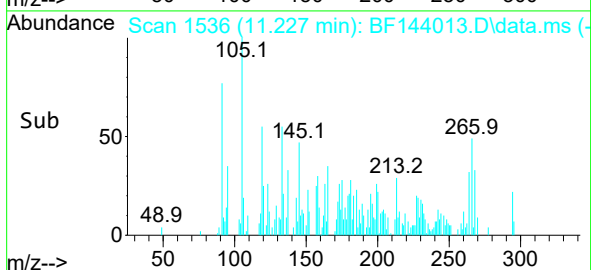
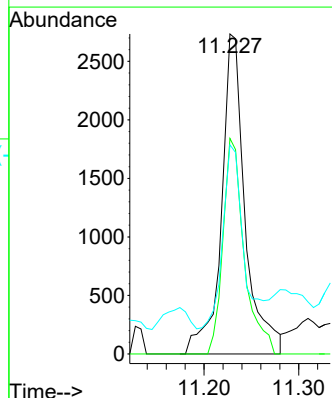
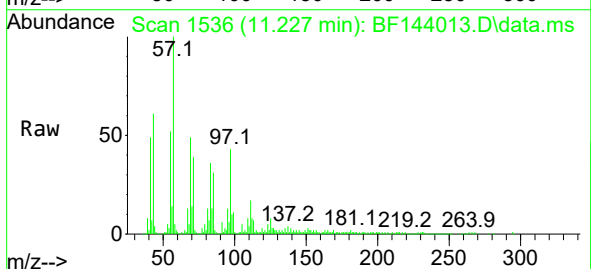
Tgt Ion:266 Resp: 4759

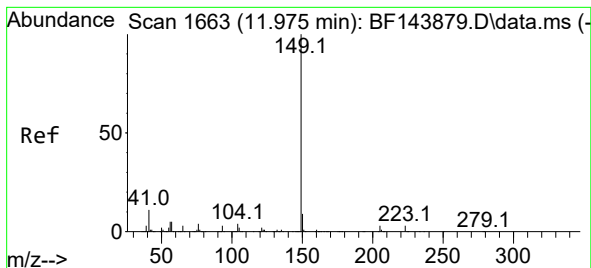
Ion Ratio Lower Upper

266 100

268 67.3 49.4 74.0

264 65.4 51.8 77.6





#74

Di-n-butylphthalate

Concen: 5.03 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144013.D

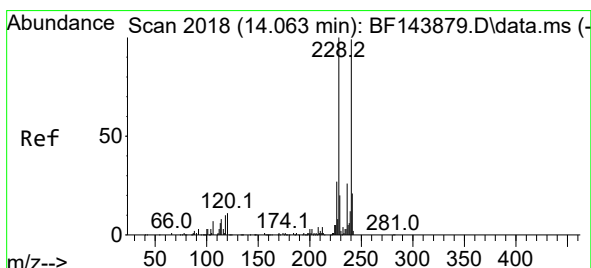
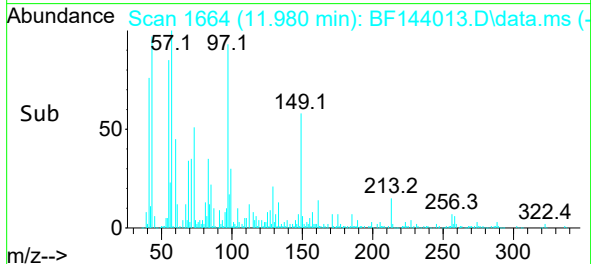
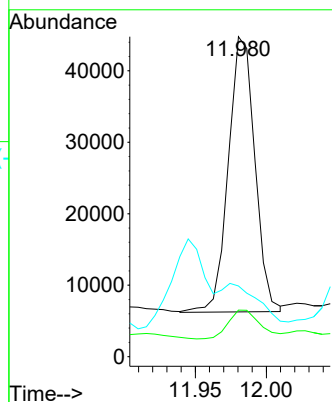
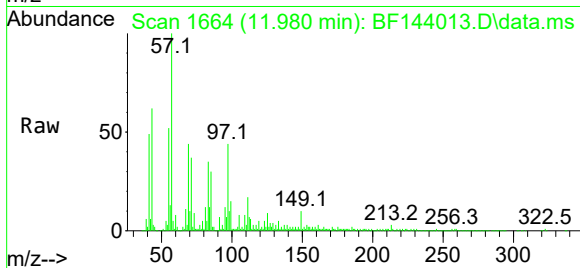
Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	50004
Ion Ratio	Lower	Upper	
149	100		
150	14.5	7.4	11.2#
104	22.1	3.4	5.2#



#76

Chrysene-d12

Concen: 20.00 ng

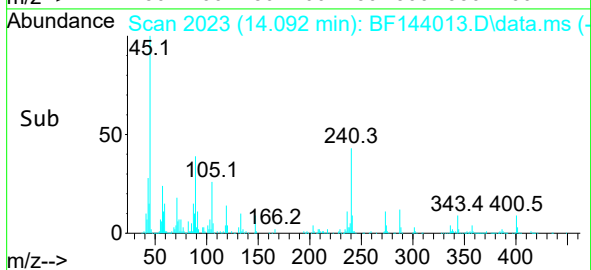
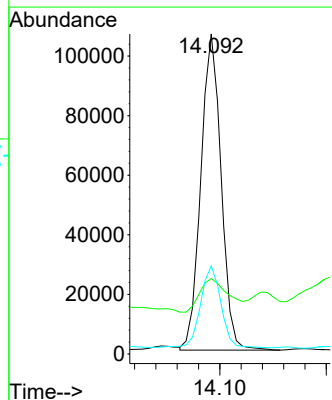
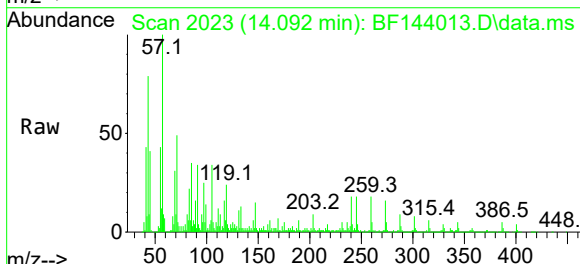
RT: 14.092 min Scan# 2023

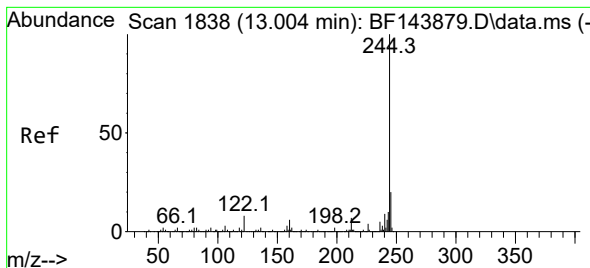
Delta R.T. 0.024 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Tgt Ion:	240	Resp:	140758
Ion Ratio	Lower	Upper	
240	100		
120	23.6	8.6	13.0#
236	27.5	21.1	31.7





#79

Terphenyl-d14

Concen: 75.34 ng

RT: 13.021 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

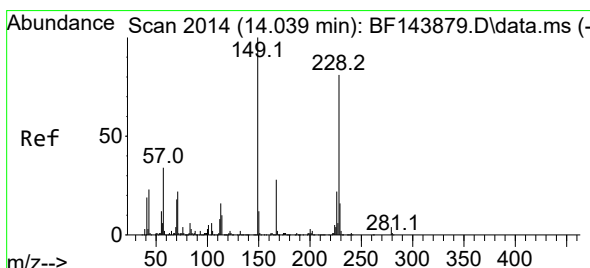
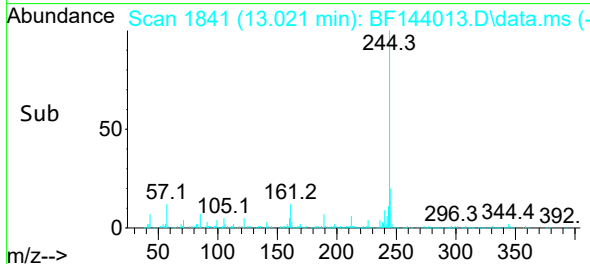
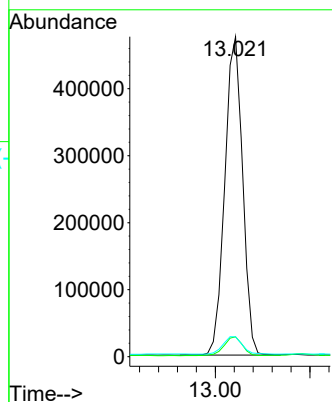
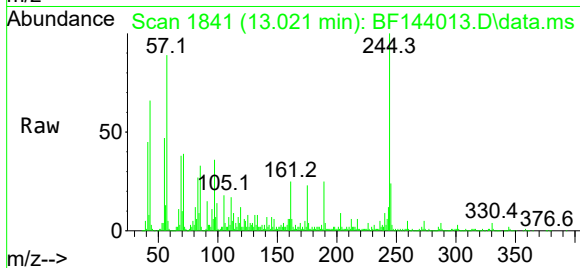
Tgt Ion:244 Resp: 620483

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 6.2 6.4 9.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.26 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.024 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

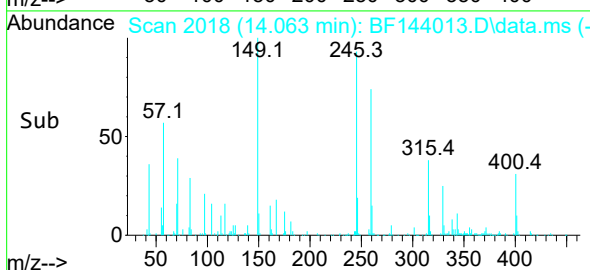
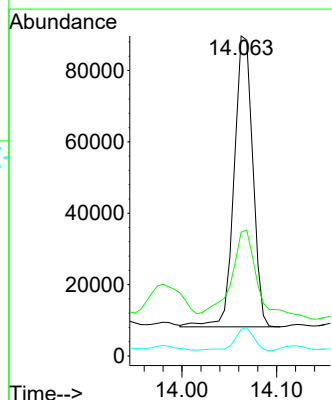
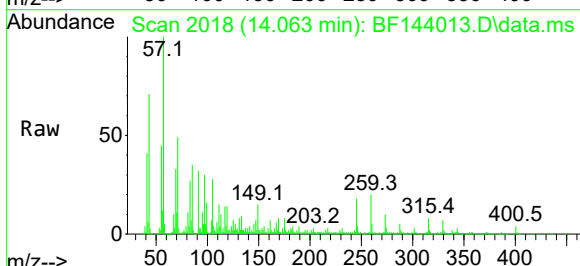
Tgt Ion:149 Resp: 111450

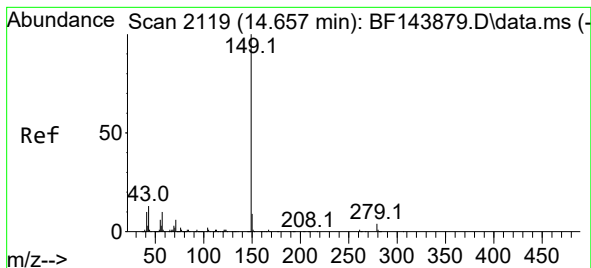
Ion Ratio Lower Upper

149 100

167 38.7 22.2 33.4#

279 8.3 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 2.30 ng

RT: 14.668 min Scan# 2119

Delta R.T. 0.012 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

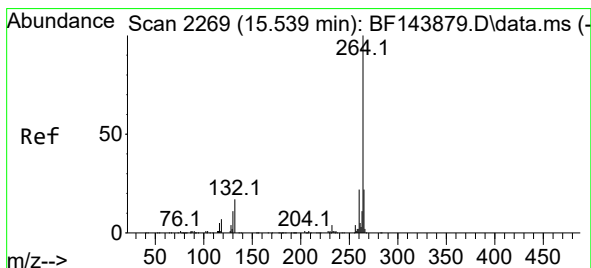
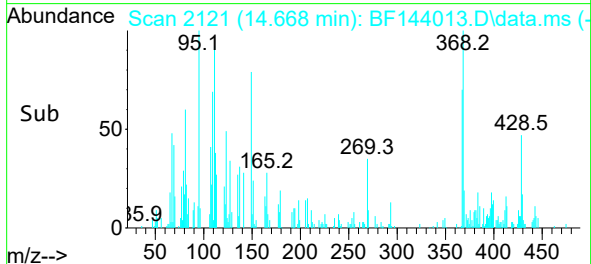
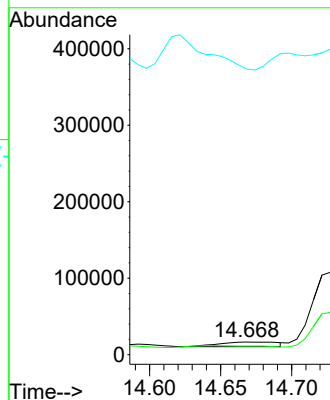
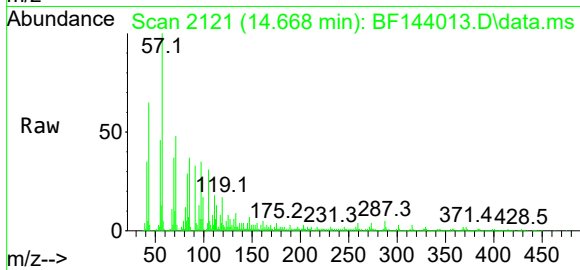
Tgt Ion:149 Resp: 17371

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 11.0 16.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.598 min Scan# 2279

Delta R.T. 0.053 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Tgt Ion:264 Resp: 234614

Ion Ratio Lower Upper

264 100

260 22.5 17.8 26.8

265 21.8 17.5 26.3

