

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144014.D
 Acq On : 21 Oct 2025 16:03
 Operator : RC/JU
 Sample : Q3386-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 16:30:07 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)

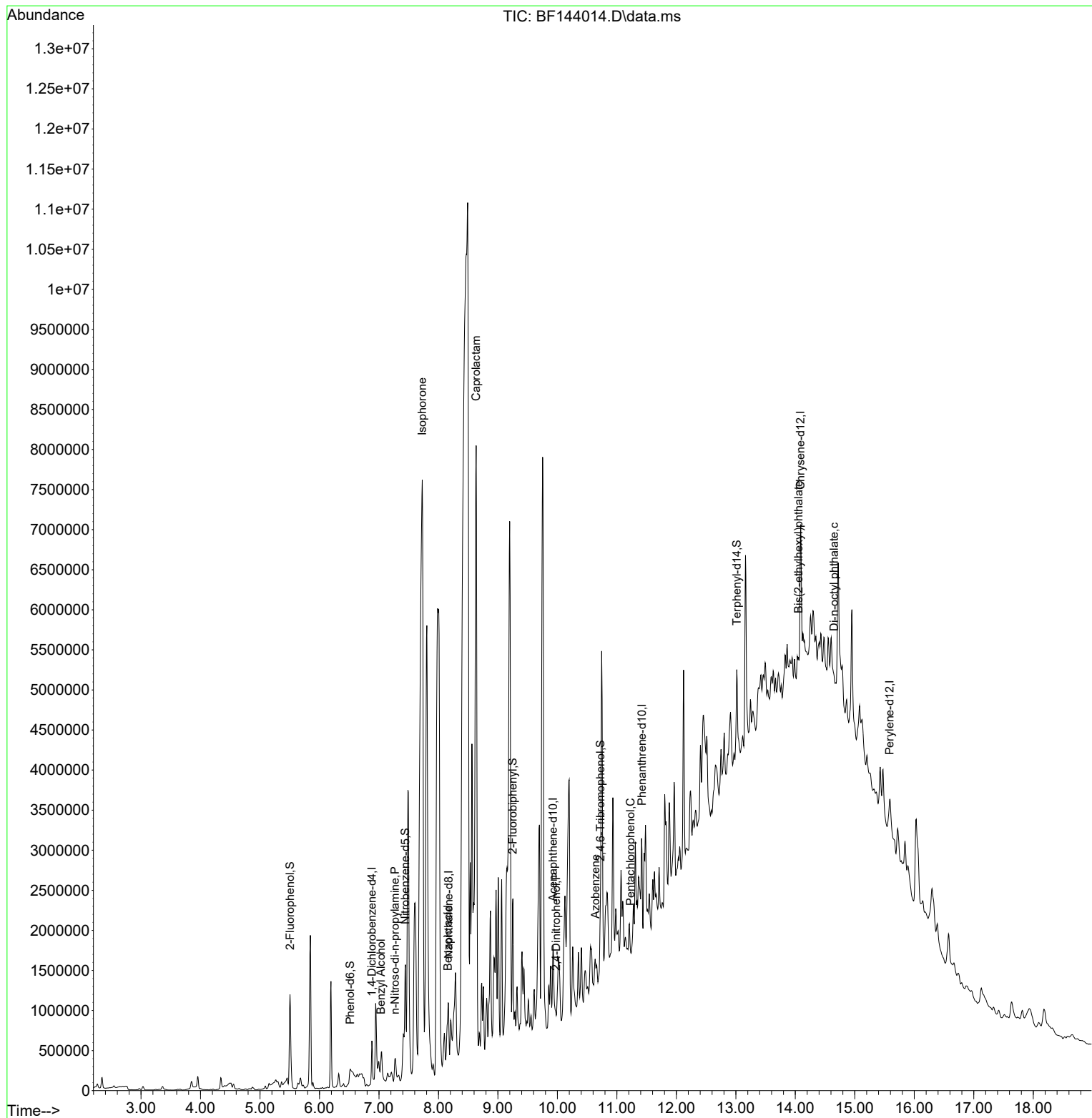
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109277	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	380104	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	175218	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	254880	20.00	ng	0.00
76) Chrysene-d12	14.086	240	175156	20.00	ng	# 0.02
86) Perylene-d12	15.586	264	269690	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	587367	85.35	ng	0.00
7) Phenol-d6	6.516	99	514961	62.78	ng	0.00
23) Nitrobenzene-d5	7.440	82	441754	70.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	185649	106.38	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	819469	74.21	ng	0.00
79) Terphenyl-d14	13.016	244	714511	69.72	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.034	79	41472	6.75	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	28562	5.09	ng	# 21
25) Isophorone	7.728	82	81676	6.19	ng	# 69
32) Benzoic acid	8.157	122	171594	46.27	ng	97
35) Caprolactam	8.634	113	11078	6.24	ng	# 1
54) 2,4-Dinitrophenol	9.981	184	173	7.07	ng	# 1
63) Azobenzene	10.639	77	50232	4.65	ng	# 1
70) Pentachlorophenol	11.228	266	6743	3.60	ng	94
84) Bis(2-ethylhexyl)phtha...	14.057	149	162000	28.34	ng	# 89
85) Di-n-octyl phthalate	14.651	149	21128	2.25	ng	# 69

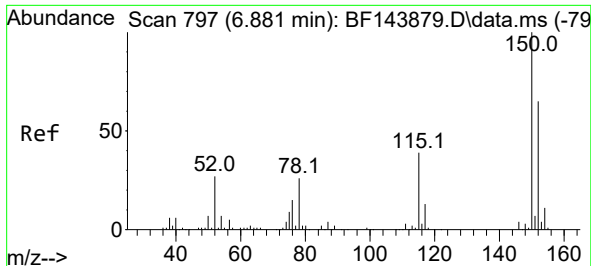
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144014.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_F
ClientSampleId :

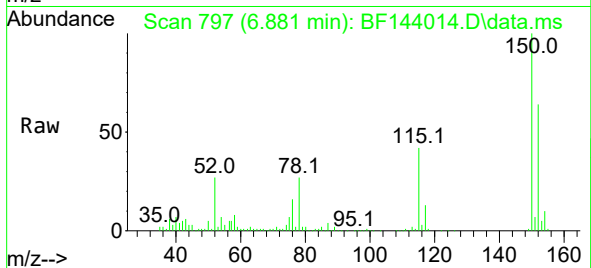
Quant Time: Oct 21 16:30:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



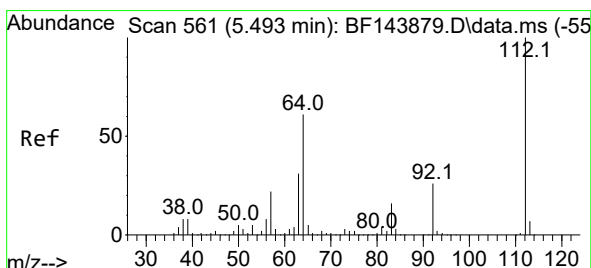
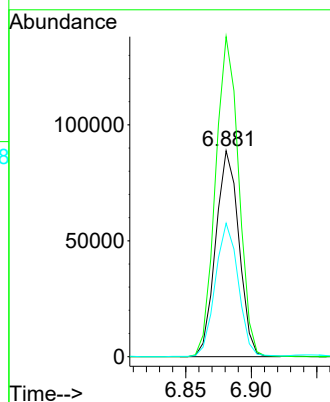
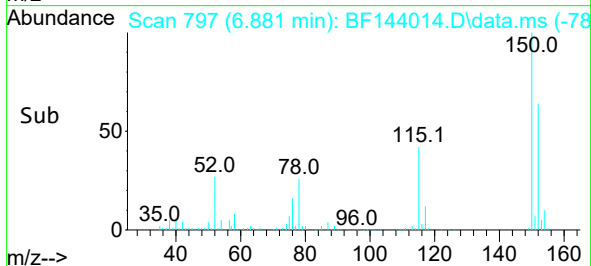


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

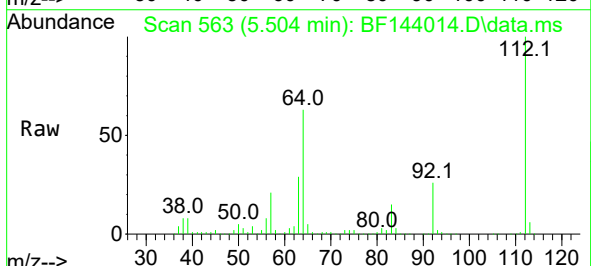
Instrument :
 BNA_F
 ClientSampleId :



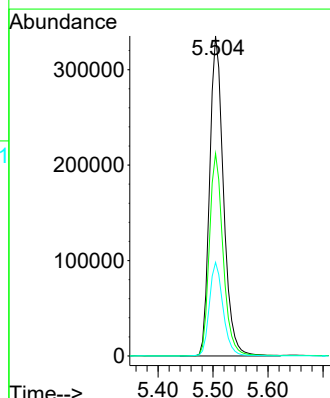
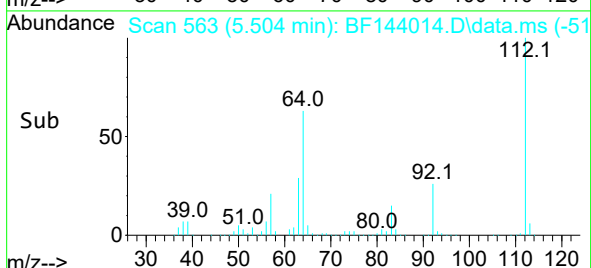
Tgt Ion:152 Resp: 109277
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.4 186.6
 115 64.8 48.1 72.1

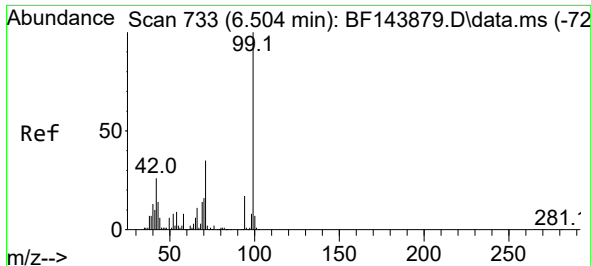


#5
 2-Fluorophenol
 Concen: 85.35 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03



Tgt Ion:112 Resp: 587367
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.1 73.7
 63 29.2 24.5 36.7

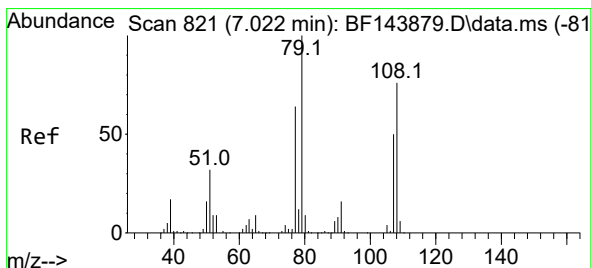
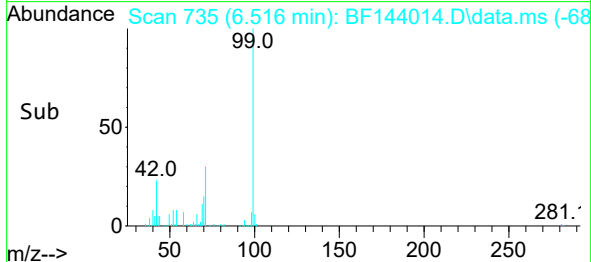
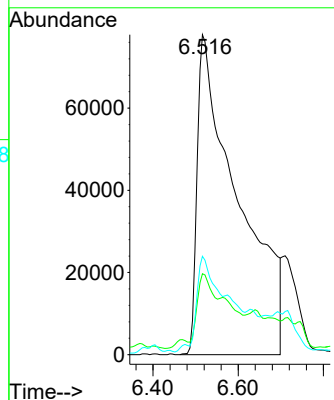
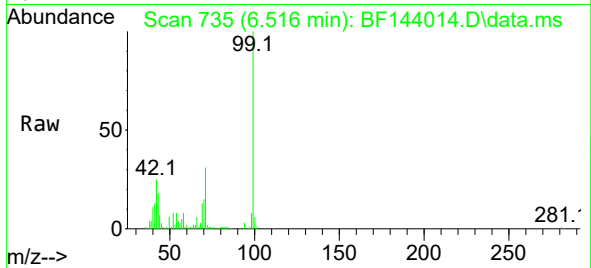




#7
Phenol-d6
Concen: 62.78 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

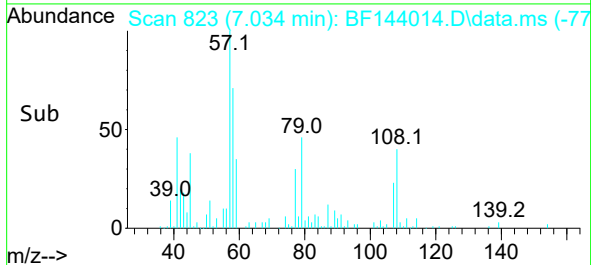
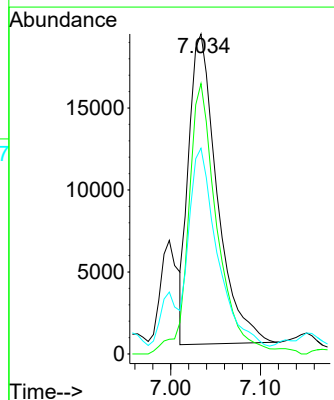
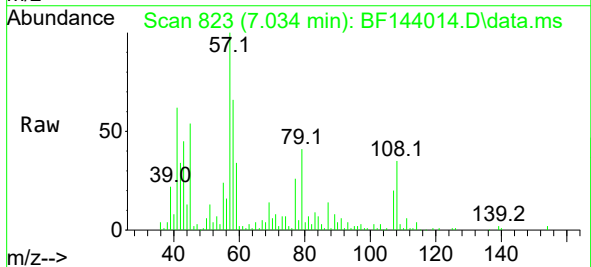
Instrument :
BNA_F
ClientSampleId :

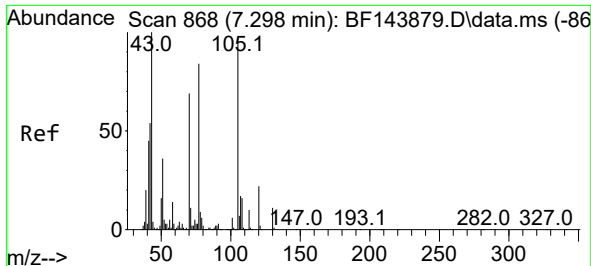
Tgt Ion: 99 Resp: 514961
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 30.7 27.8 41.8



#15
Benzyl Alcohol
Concen: 6.75 ng
RT: 7.034 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

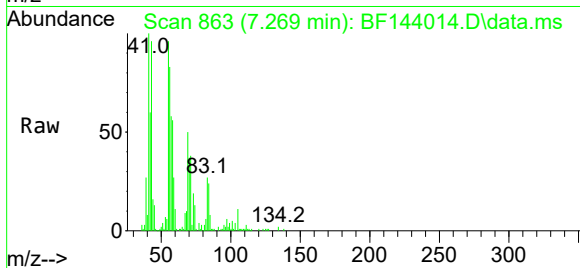
Tgt Ion: 79 Resp: 41472
Ion Ratio Lower Upper
79 100
108 84.5 60.8 91.2
77 64.3 51.0 76.6



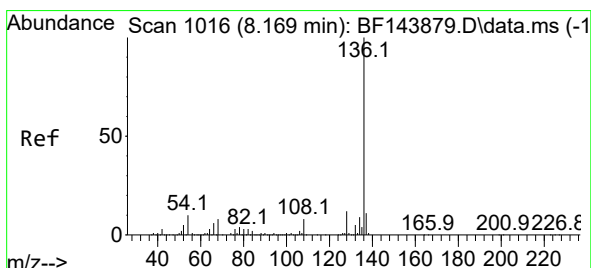
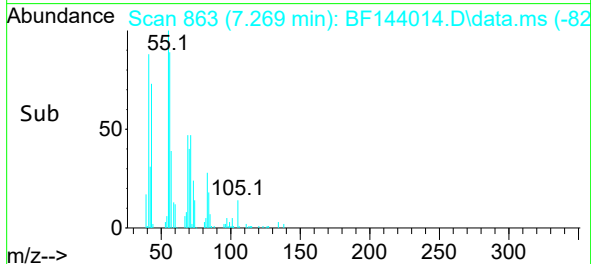
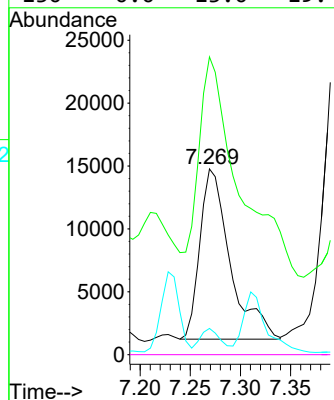


#19
n-Nitroso-di-n-propylamine
Concen: 5.09 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.047 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

Instrument :
BNA_F
ClientSampleId :

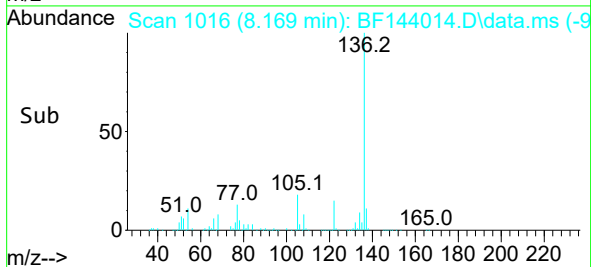
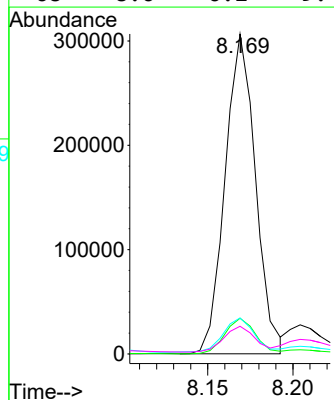
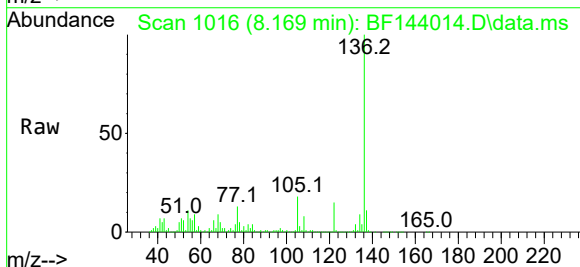


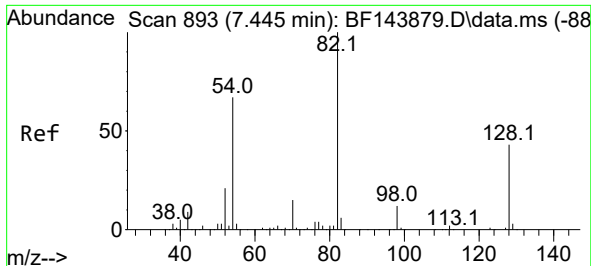
Tgt Ion: 70 Resp: 28562
Ion Ratio Lower Upper
70 100
42 160.3 62.8 94.2#
101 14.2 6.7 10.1#
130 0.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

Tgt Ion: 136 Resp: 380104
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.2 8.2 12.4
68 8.6 6.2 9.4

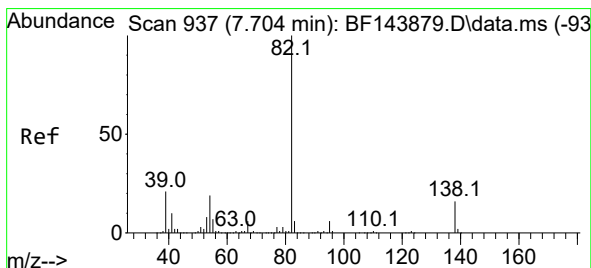
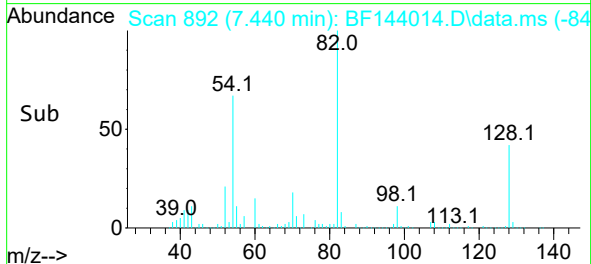
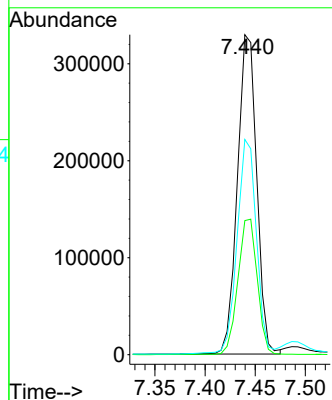
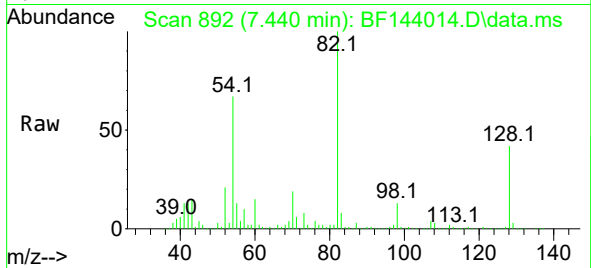




#23
Nitrobenzene-d5
Concen: 70.61 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

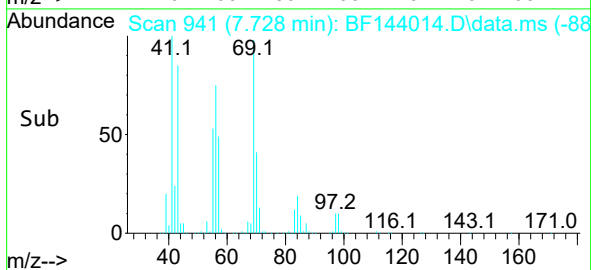
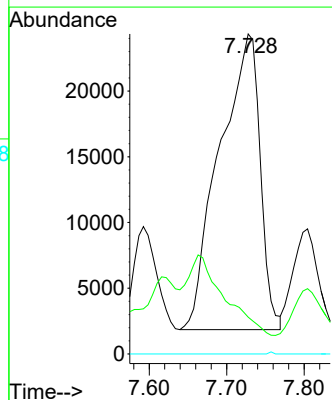
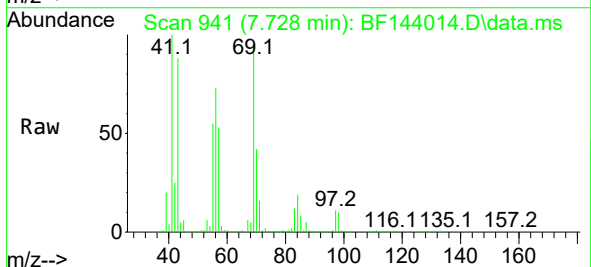
Instrument :
BNA_F
ClientSampleId :

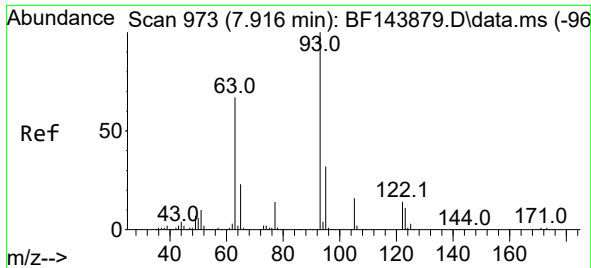
Tgt Ion: 82 Resp: 441754
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 67.2 53.2 79.8



#25
Isophorone
Concen: 6.19 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

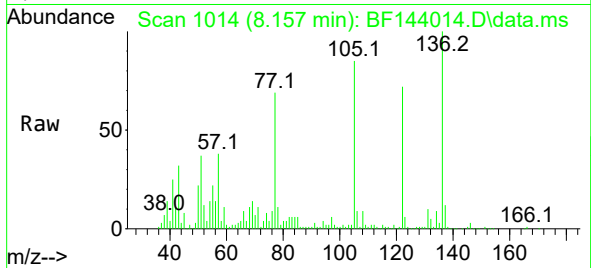
Tgt Ion: 82 Resp: 81676
Ion Ratio Lower Upper
82 100
95 11.5 5.1 7.7#
138 0.0 12.9 19.3#



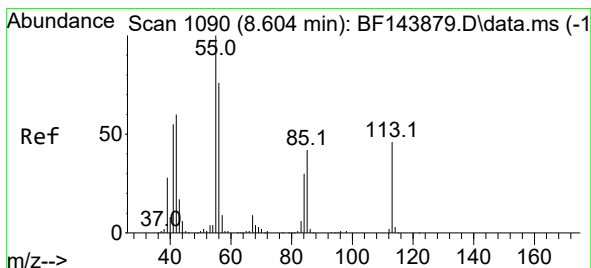
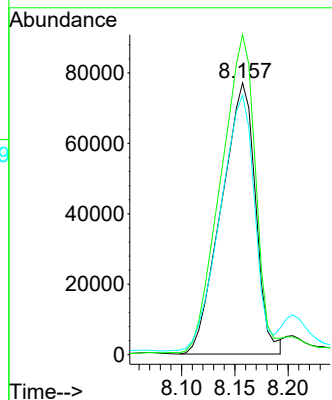
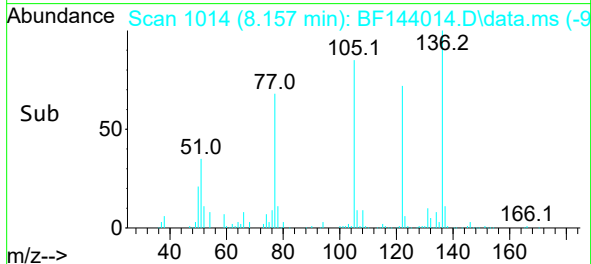


#32
Benzoic acid
Concen: 46.27 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.194 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

Instrument :
BNA_F
ClientSampleId :

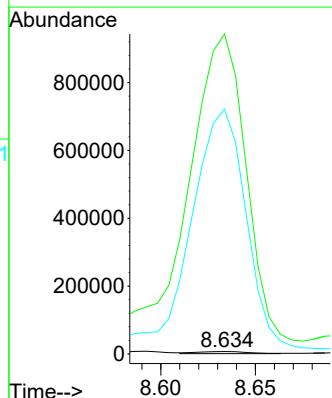
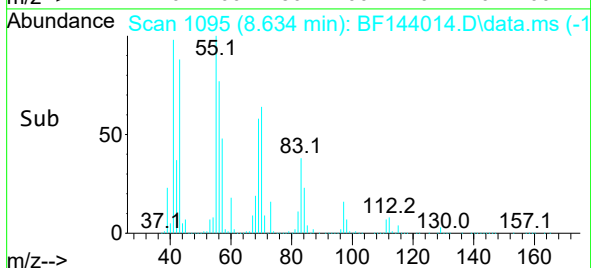
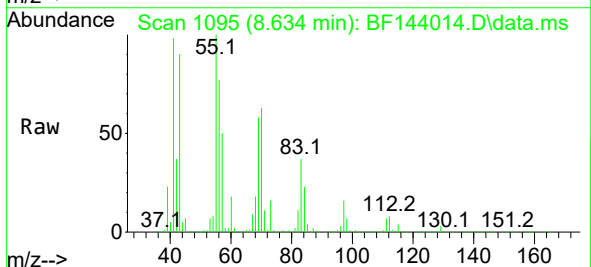


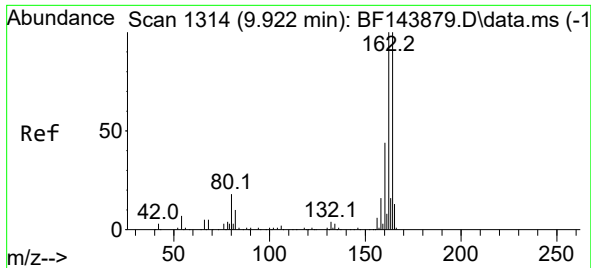
Tgt Ion:122 Resp: 171594
Ion Ratio Lower Upper
122 100
105 117.7 93.5 133.5
77 95.5 76.3 116.3



#35
Caprolactam
Concen: 6.24 ng
RT: 8.634 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

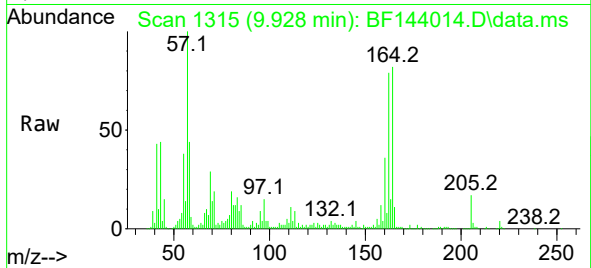
Tgt Ion:113 Resp: 11078
Ion Ratio Lower Upper
113 100
55 13115.9 199.6 239.6#
56 10036.4 146.0 186.0#



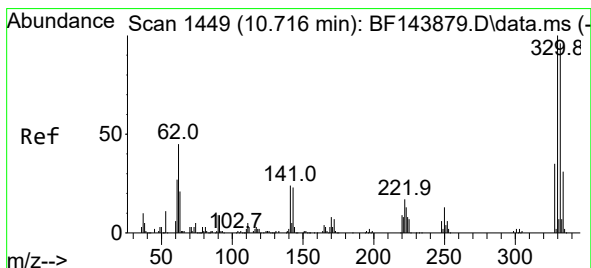
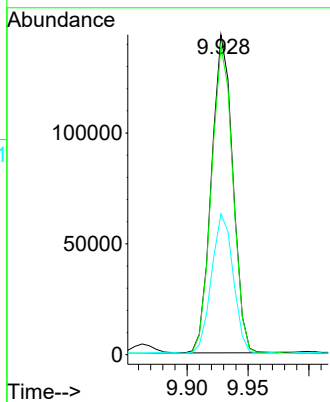
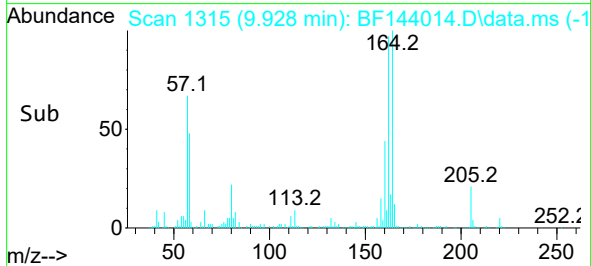


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

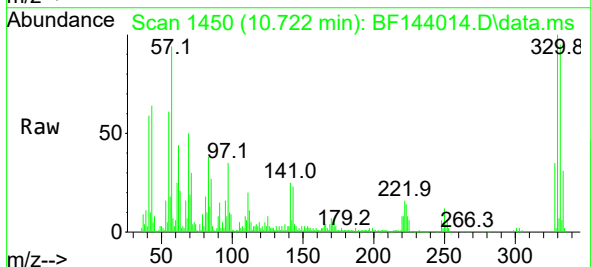
Instrument :
BNA_F
ClientSampleId :



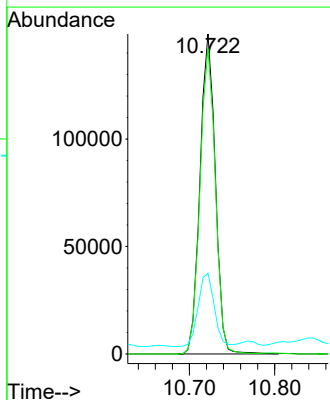
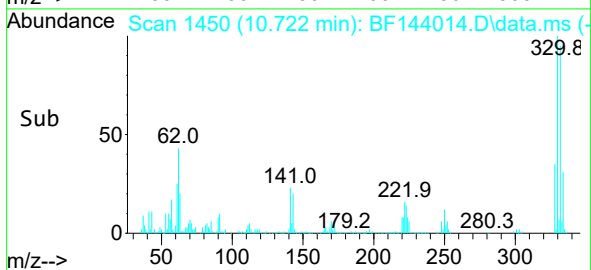
Tgt Ion:164 Resp: 175218
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 44.0 35.4 53.0

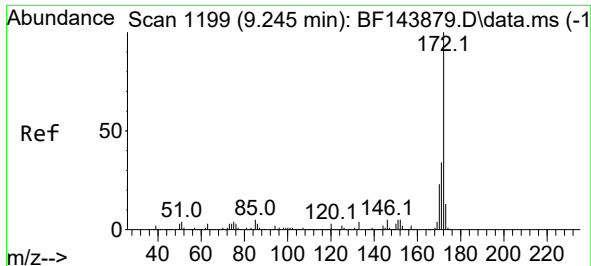


#42
2,4,6-Tribromophenol
Concen: 106.38 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03



Tgt Ion:330 Resp: 185649
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 24.1 20.2 30.4

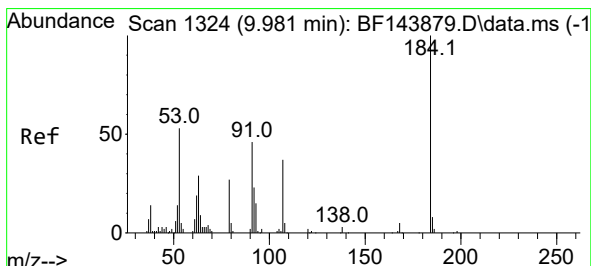
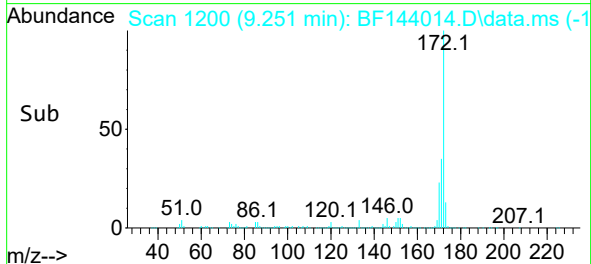
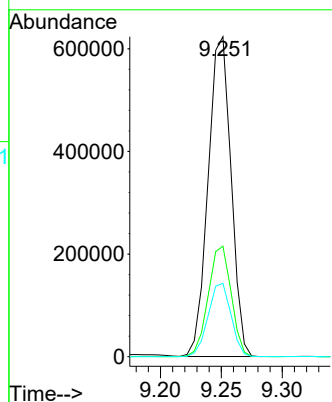
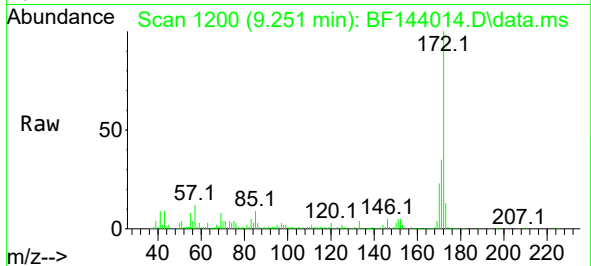




#45
2-Fluorobiphenyl
Concen: 74.21 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

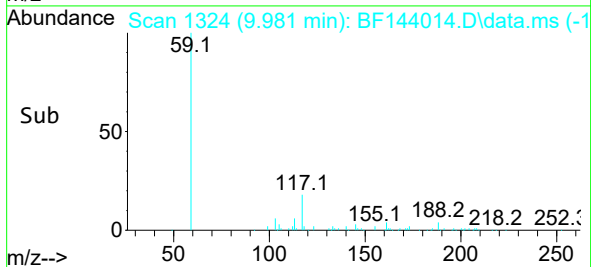
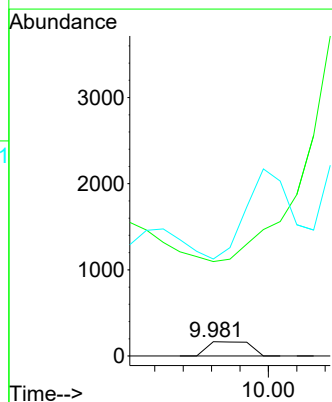
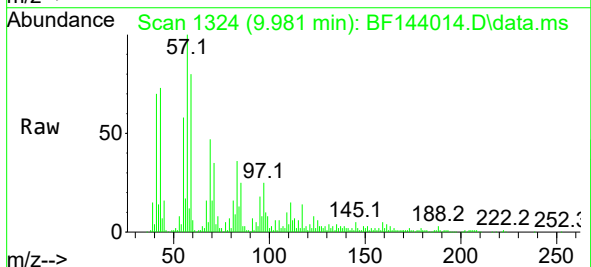
Instrument :
BNA_F
ClientSampleId :

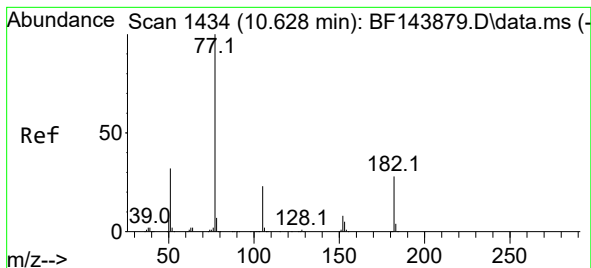
Tgt Ion:172 Resp: 819469
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 22.9 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.07 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

Tgt Ion:184 Resp: 173
Ion Ratio Lower Upper
184 100
63 660.8 48.2 72.4#
154 678.3 49.2 73.8#





#63

Azobenzene

Concen: 4.65 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.006 min

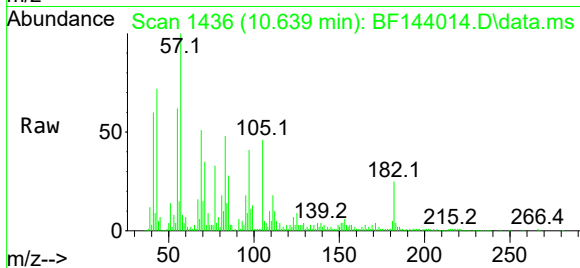
Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 50232

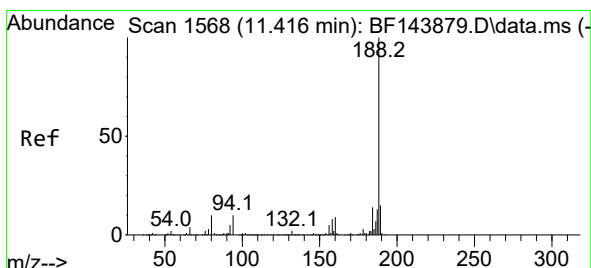
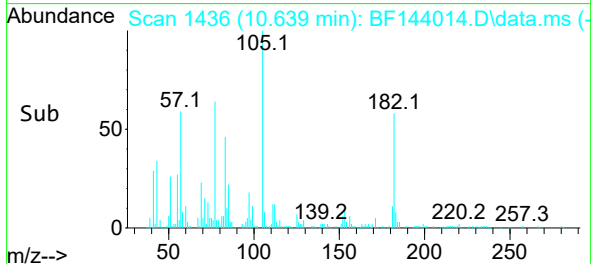
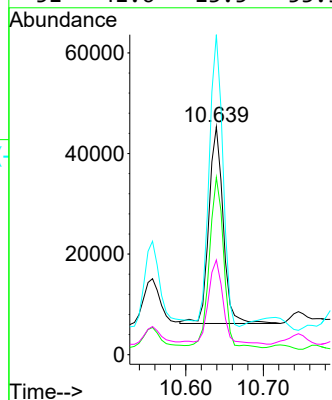
Ion Ratio Lower Upper

77 100

182 77.8 7.3 47.3#

105 140.4 3.0 43.0#

51 41.6 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

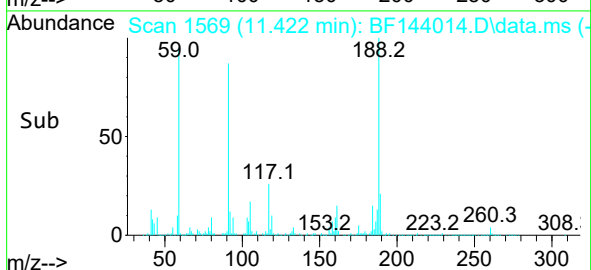
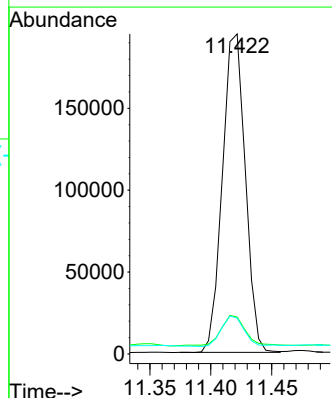
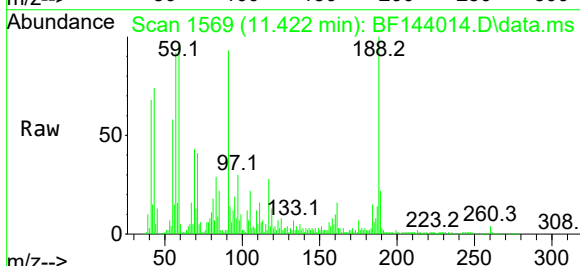
Tgt Ion:188 Resp: 254880

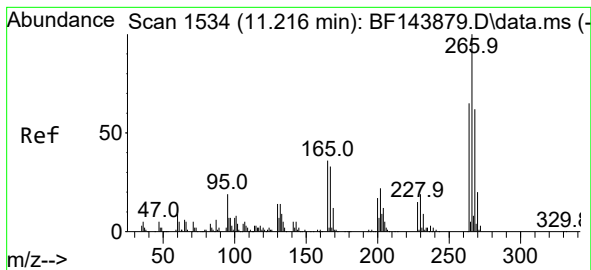
Ion Ratio Lower Upper

188 100

94 11.5 7.8 11.6

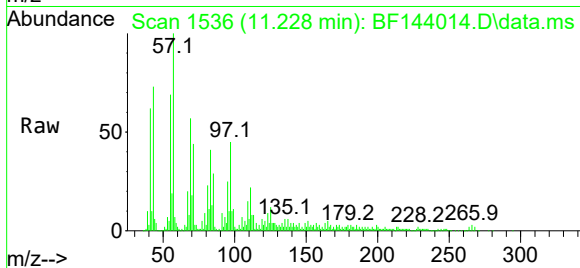
80 11.2 7.9 11.9



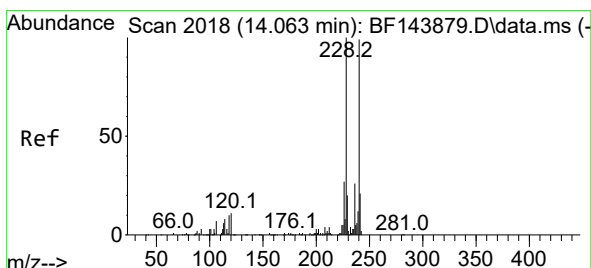
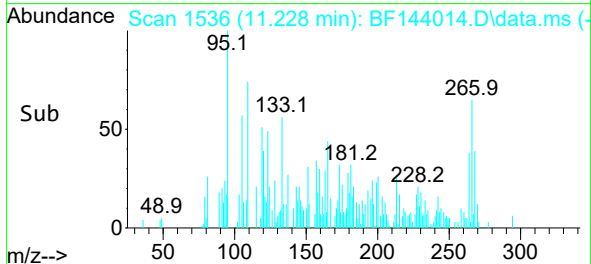
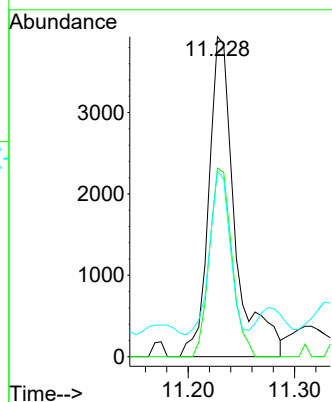


#70
 Pentachlorophenol
 Concen: 3.60 ng
 RT: 11.228 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :

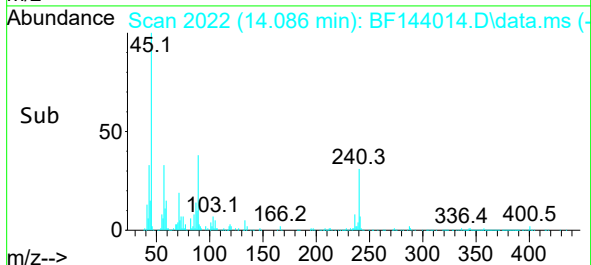
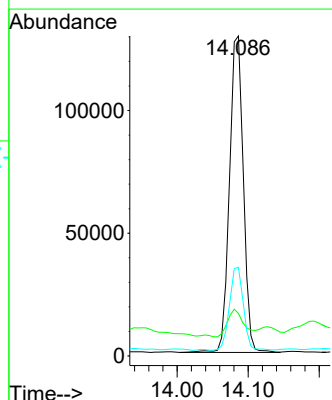
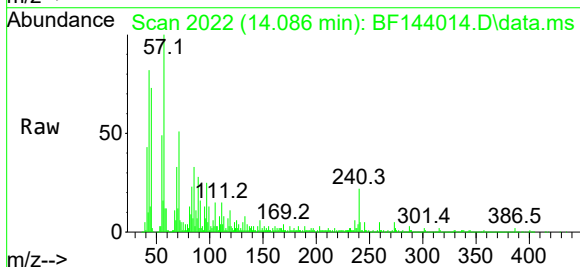


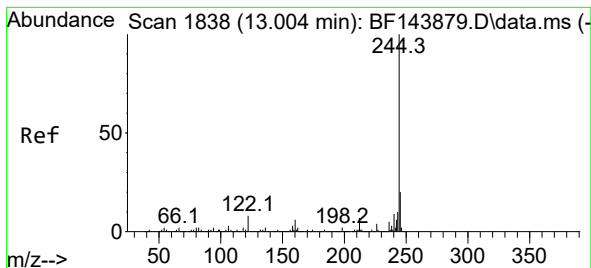
Tgt Ion:266 Resp: 6743
 Ion Ratio Lower Upper
 266 100
 268 59.0 49.4 74.0
 264 58.2 51.8 77.6



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.086 min Scan# 2022
 Delta R.T. 0.018 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion:240 Resp: 175156
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 27.7 21.1 31.7





#79

Terphenyl-d14

Concen: 69.72 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Instrument :

BNA_F

ClientSampleId :

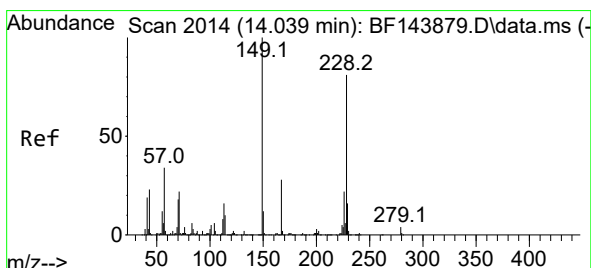
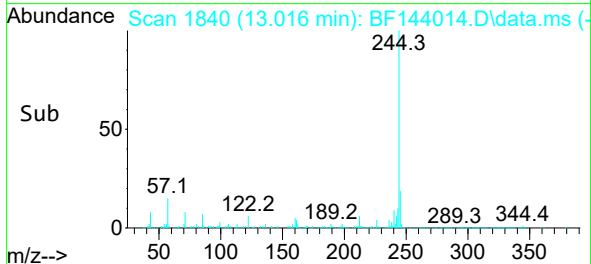
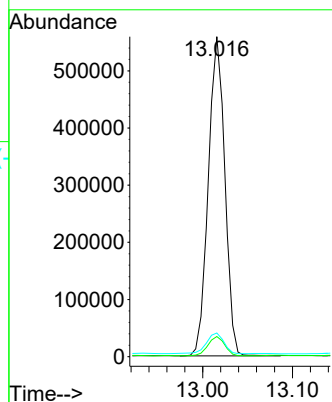
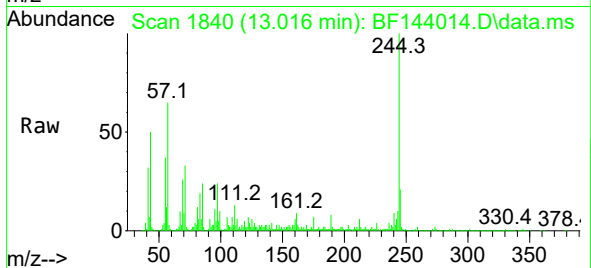
Tgt Ion:244 Resp: 714511

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 7.4 6.4 9.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.34 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.018 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

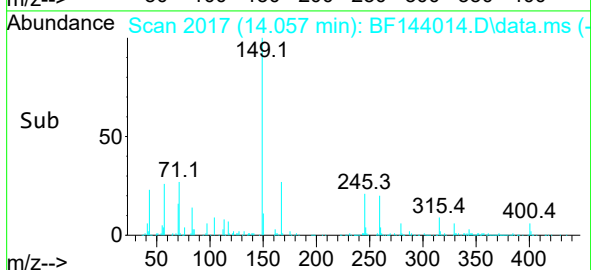
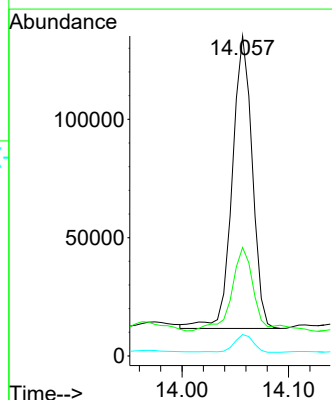
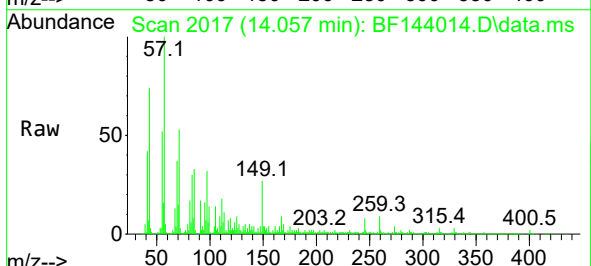
Tgt Ion:149 Resp: 162000

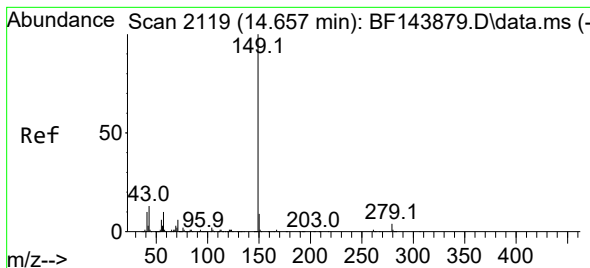
Ion Ratio Lower Upper

149 100

167 33.9 22.2 33.4#

279 6.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 2.25 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Instrument :

BNA_F

ClientSampleId :

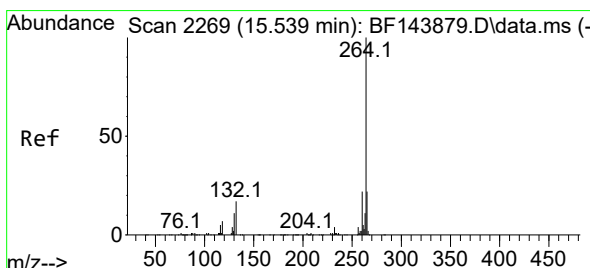
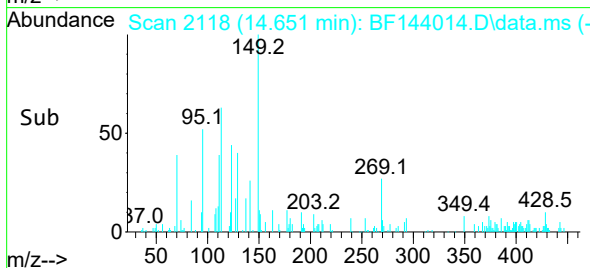
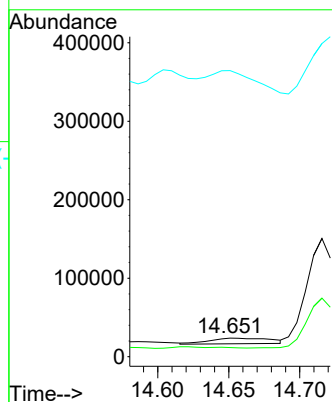
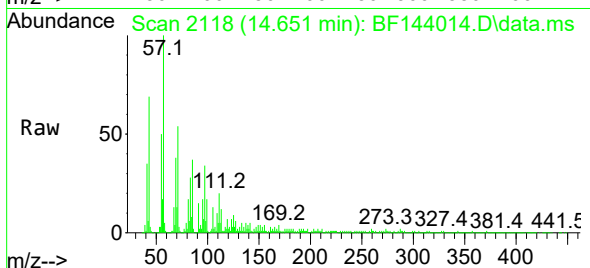
Tgt Ion:149 Resp: 21128

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: 15.586 min Scan# 2277

Delta R.T. 0.041 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Tgt Ion:264 Resp: 269690

Ion Ratio Lower Upper

264 100

260 21.9 17.8 26.8

265 22.5 17.5 26.3

