

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132946.D
 Acq On : 20 Apr 2023 20:03
 Operator : CG\JU
 Sample : 02386-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-3WC-23-04

Quant Time: Apr 21 02:16:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

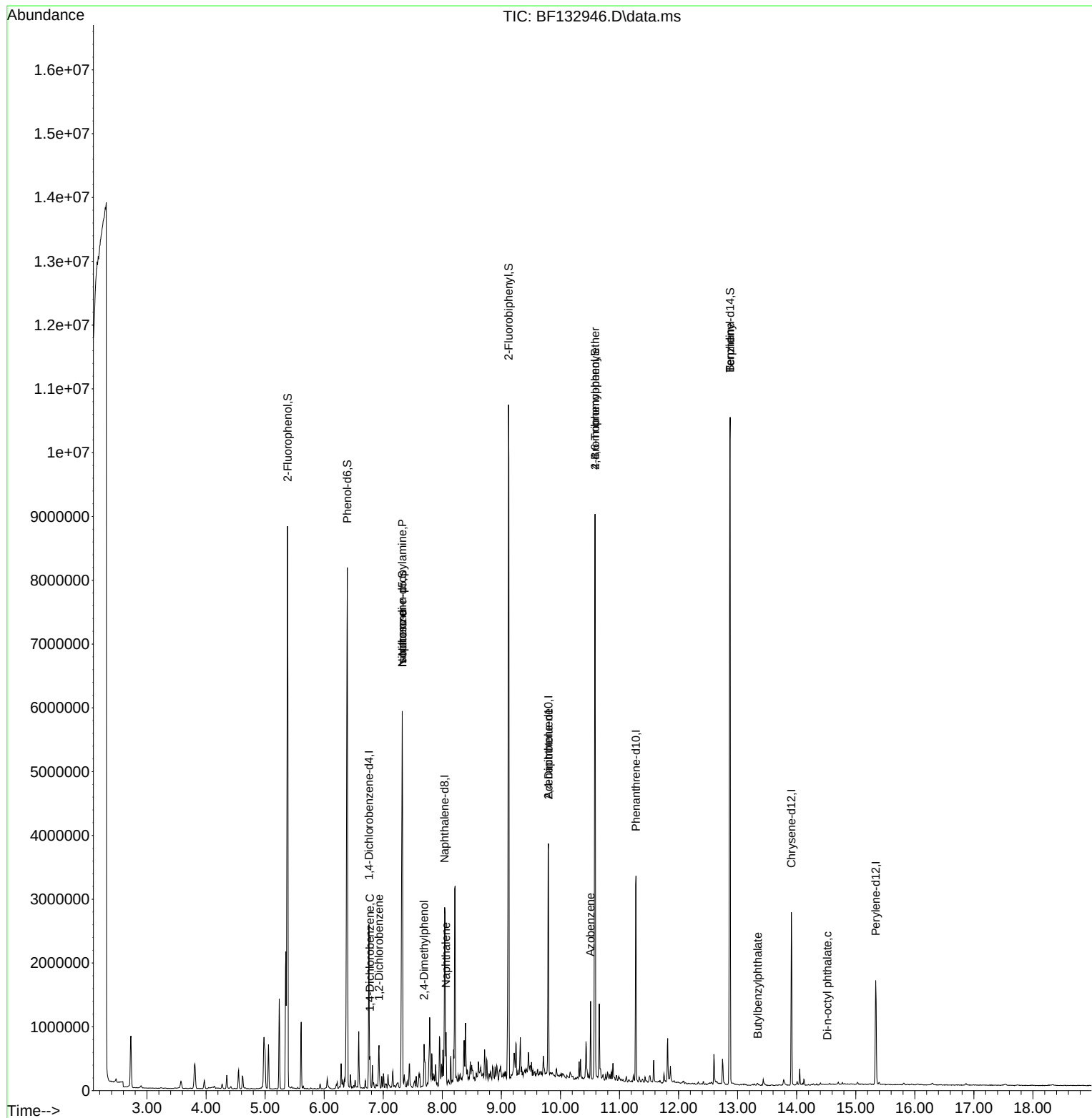
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	316289	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1339055	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	664518	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1186051	20.000	ng	0.00
76) Chrysene-d12	13.910	240	840698	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	668583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2706852	133.821	ng	0.02
7) Phenol-d6	6.392	99	3250677	125.942	ng	0.00
23) Nitrobenzene-d5	7.322	82	2367621	92.163	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1058343	158.787	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3715753	85.900	ng	0.00
79) Terphenyl-d14	12.874	244	4308500	87.435	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	95483	4.225	ng	98
14) 1,2-Dichlorobenzene	6.928	146	132233	6.266	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	316883	19.669	ng	# 81
25) Isophorone	7.322	82	2358263	48.396	ng	# 65
27) 2,4-Dimethylphenol	7.692	122	145000	7.156	ng	97
31) Naphthalene	8.063	128	273533	4.042	ng	97
57) 2,4-Dinitrotoluene	9.798	165	87297	7.022	ng	# 33
63) Azobenzene	10.510	77	195513	4.077	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	62422	4.609	ng	# 1
77) Benzidine	12.874	184	50605	3.864	ng	# 92
80) Butylbenzylphthalate	13.339	149	4491	5.376	ng	# 79
85) Di-n-octyl phthalate	14.521	149	2157	6.423	ng	# 64

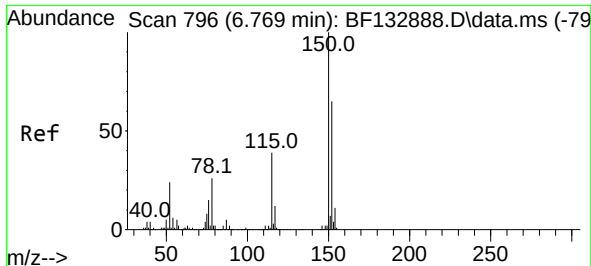
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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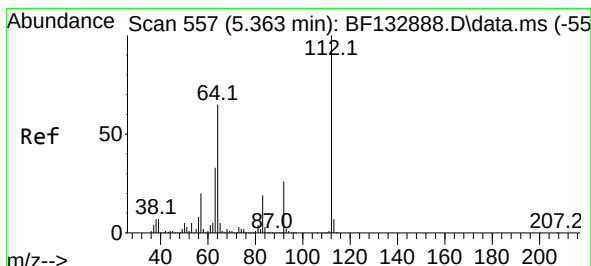
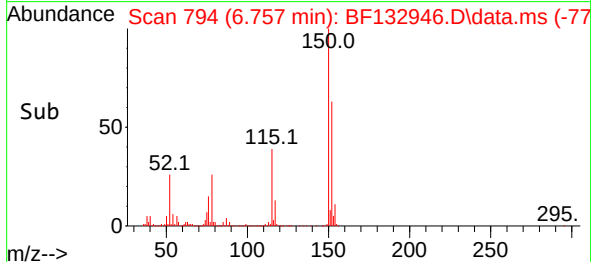
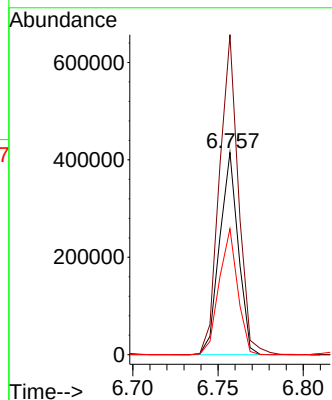
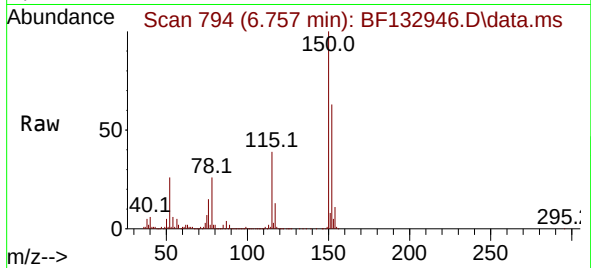




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

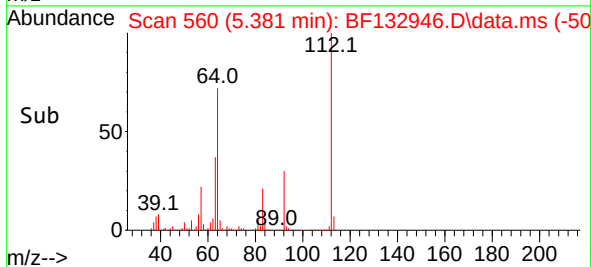
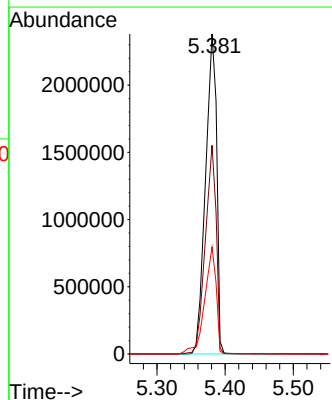
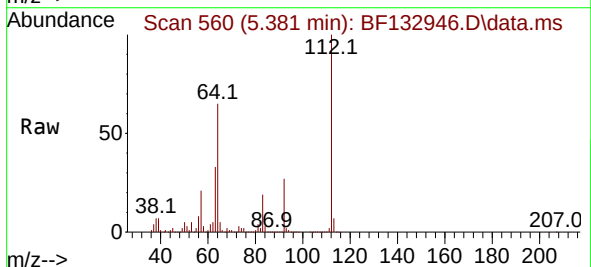
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BNA_F
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SPA-3WC-23-04

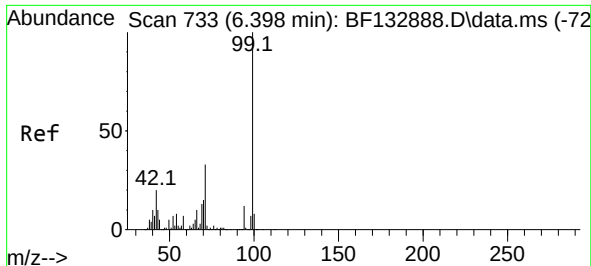
Tgt Ion:152 Resp: 316289
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 62.3 47.3 70.9



#5
2-Fluorophenol
Concen: 133.821 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:112 Resp: 2706852
Ion Ratio Lower Upper
112 100
64 65.2 51.8 77.8
63 33.4 26.3 39.5

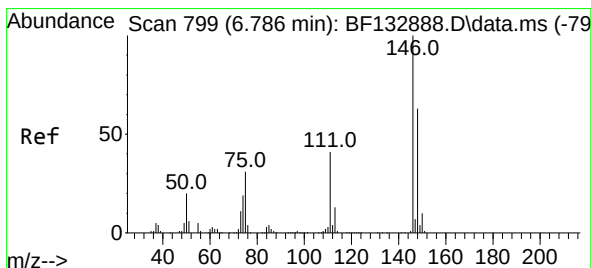
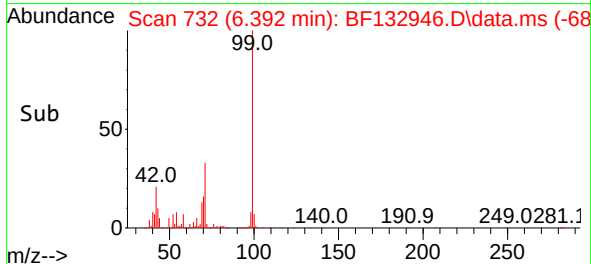
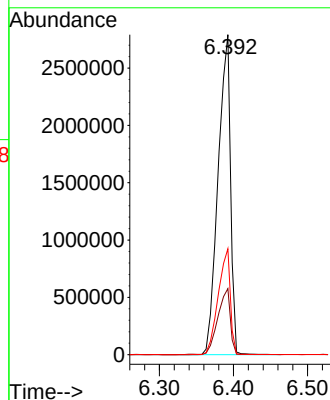
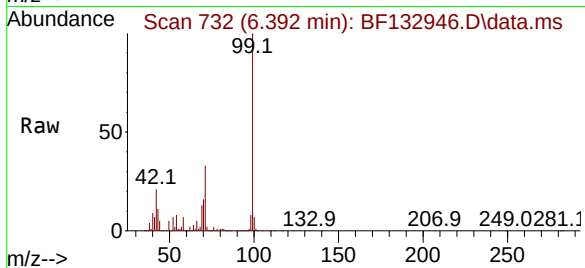




#7
Phenol-d6
Concen: 125.942 ng
RT: 6.392 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

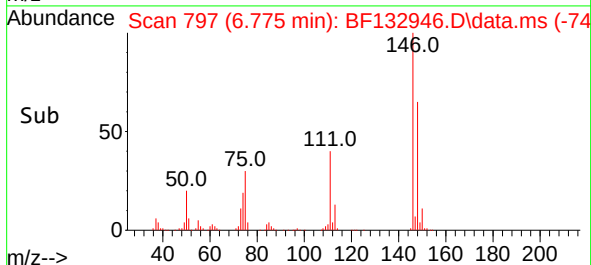
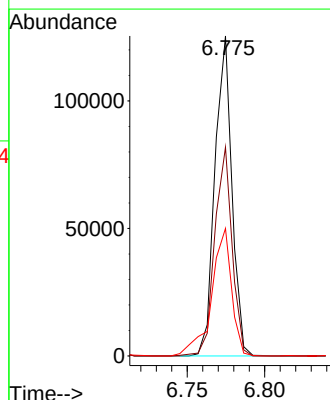
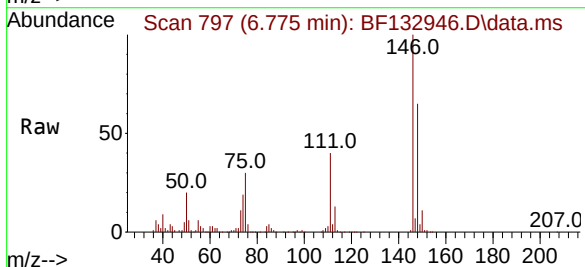
Instrument :
BNA_F
ClientSampleId :
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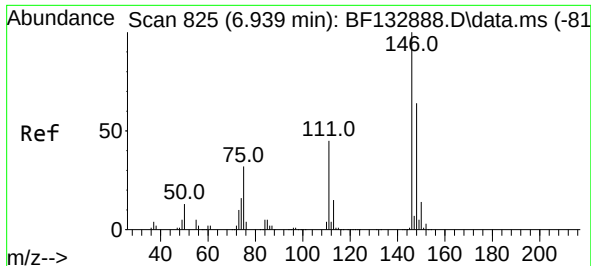
Tgt Ion: 99 Resp: 3250677
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.1 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 4.225 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 146 Resp: 95483
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
111 39.9 32.5 48.7

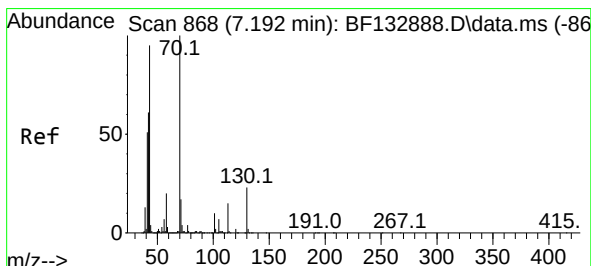
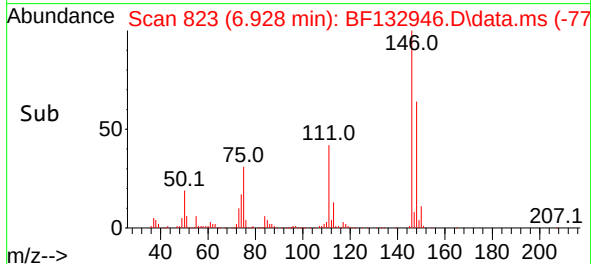
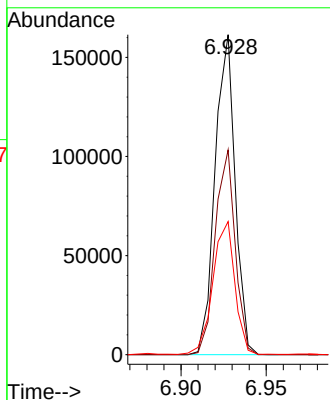
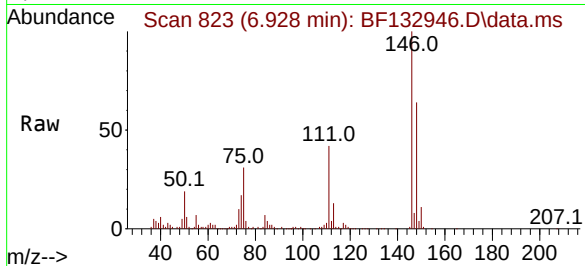




#14
1,2-Dichlorobenzene
Concen: 6.266 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

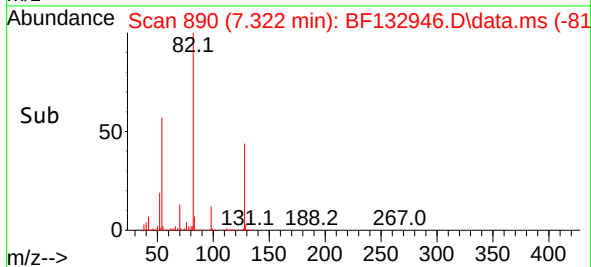
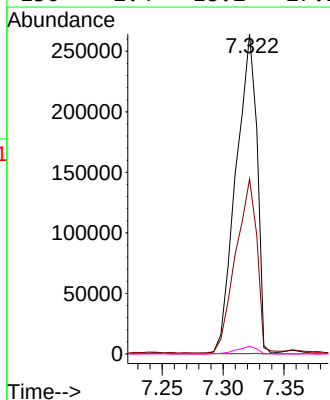
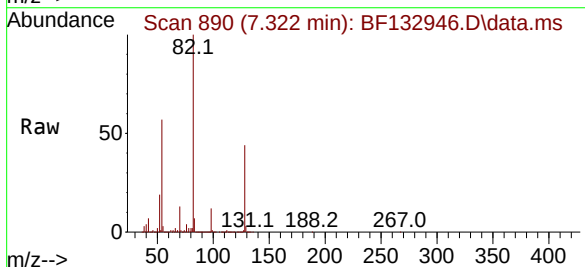
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

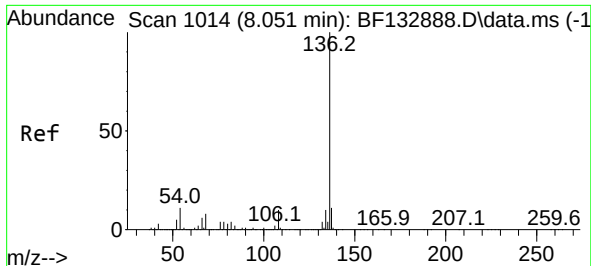
Tgt Ion:146 Resp: 132233
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 41.6 36.0 54.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.669 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 70 Resp: 316883
Ion Ratio Lower Upper
70 100
42 54.7 49.0 73.6
101 0.1 8.1 12.1#
130 2.4 18.2 27.2#

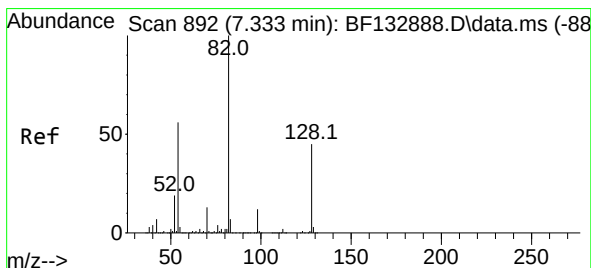
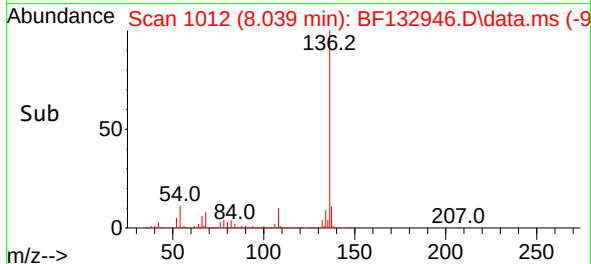
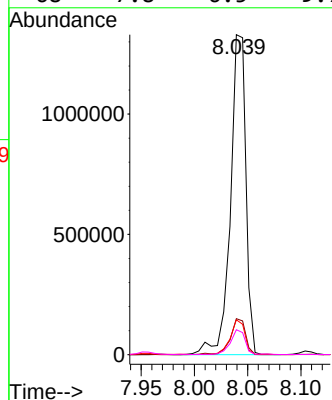
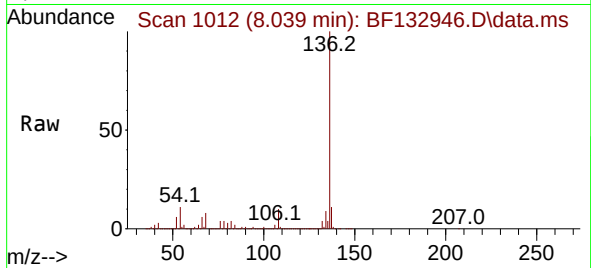




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

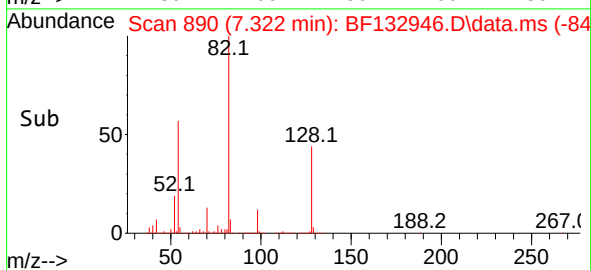
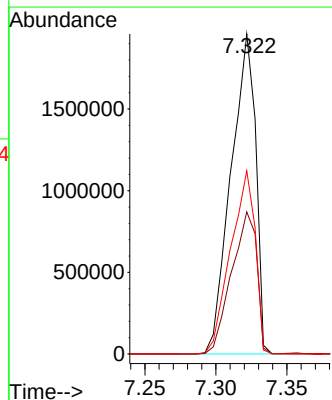
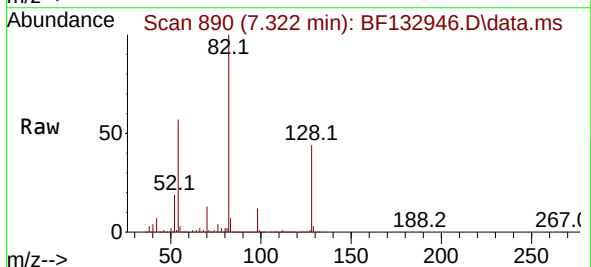
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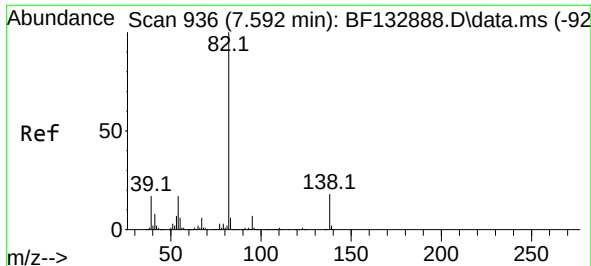
Tgt Ion:136 Resp: 1339055
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.9 8.9 13.3
68 7.8 6.5 9.7



#23
Nitrobenzene-d5
Concen: 92.163 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 82 Resp: 2367621
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 57.2 44.7 67.1

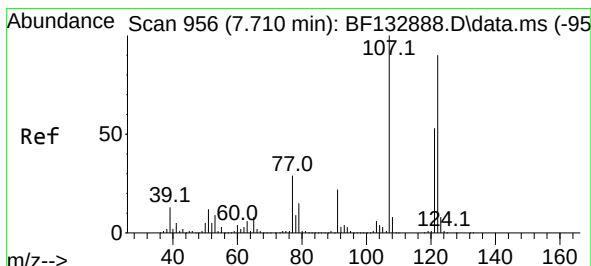
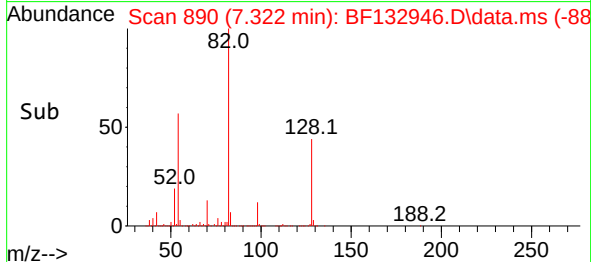
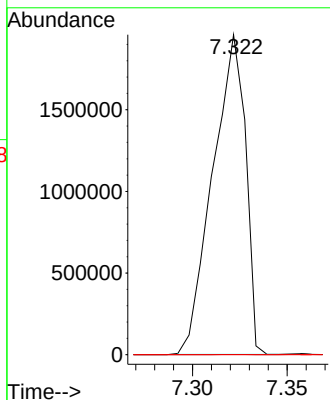
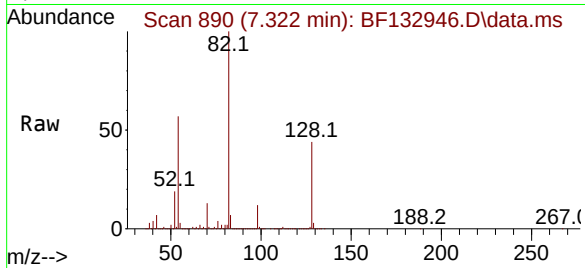




#25
Isophorone
Concen: 48.396 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

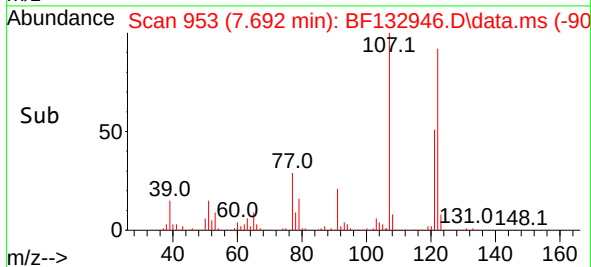
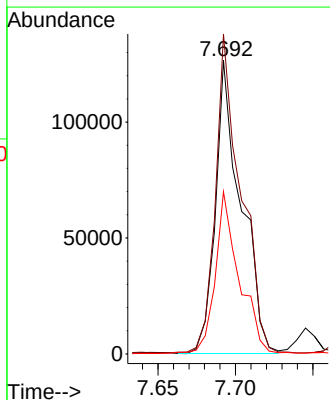
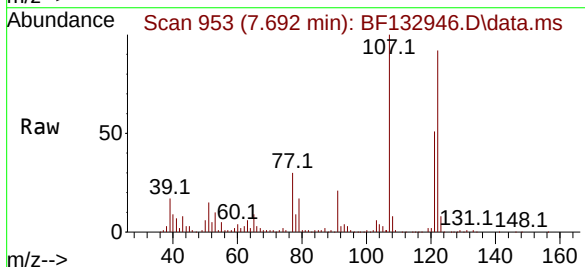
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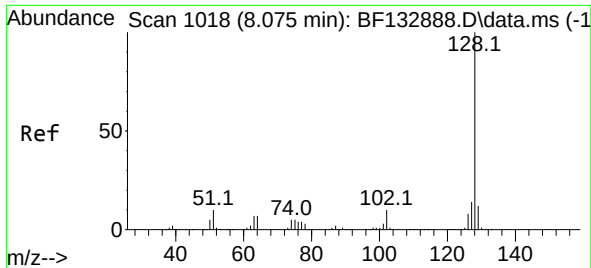
Tgt Ion: 82 Resp: 2358263
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 7.156 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 122 Resp: 145000
Ion Ratio Lower Upper
122 100
107 109.1 88.5 132.7
121 55.3 47.2 70.8

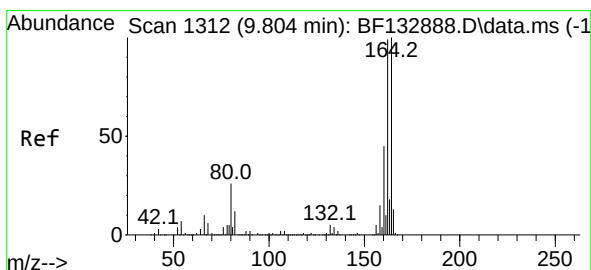
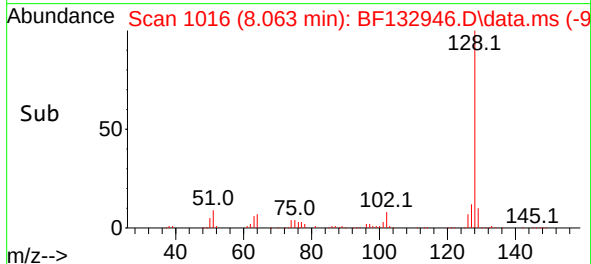
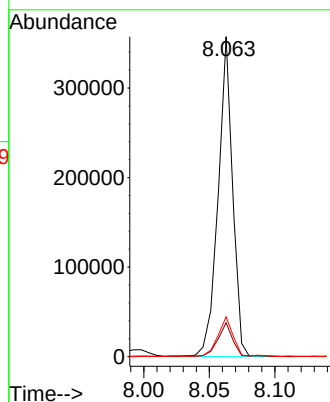
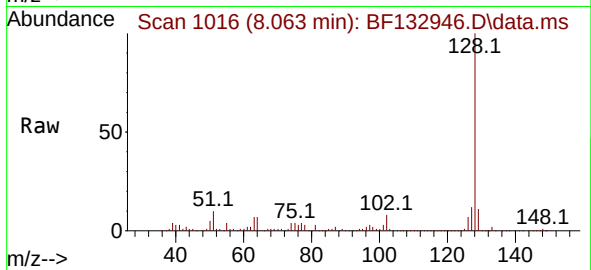




#31
Naphthalene
Concen: 4.042 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

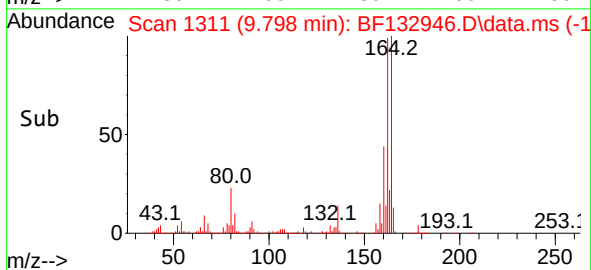
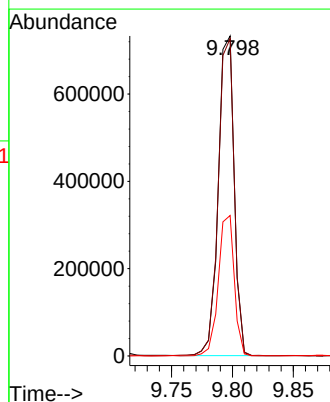
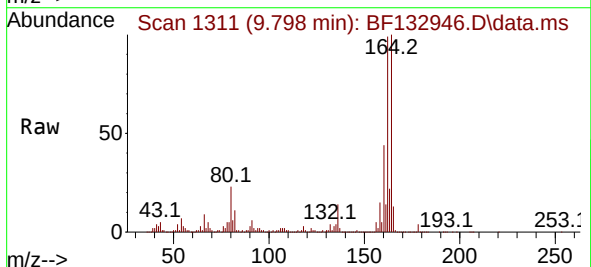
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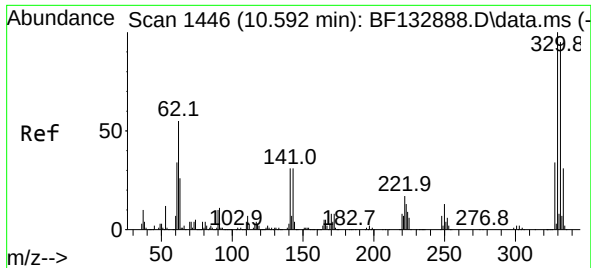
Tgt Ion:128 Resp: 273533
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 12.4 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:164 Resp: 664518
Ion Ratio Lower Upper
164 100
162 99.1 79.1 118.7
160 43.9 35.6 53.4

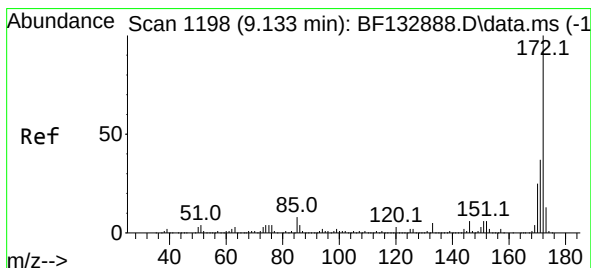
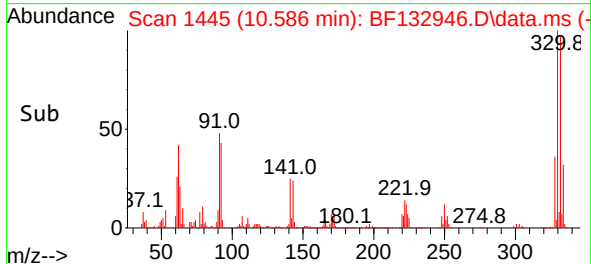
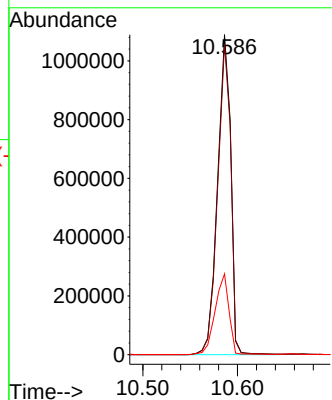
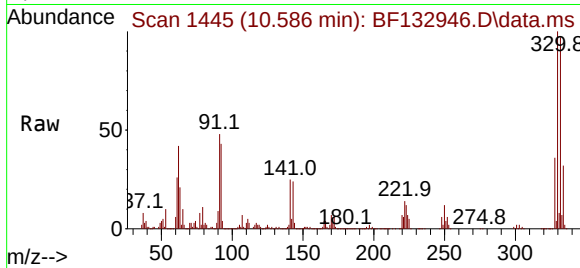




#42
2,4,6-Tribromophenol
Concen: 158.787 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

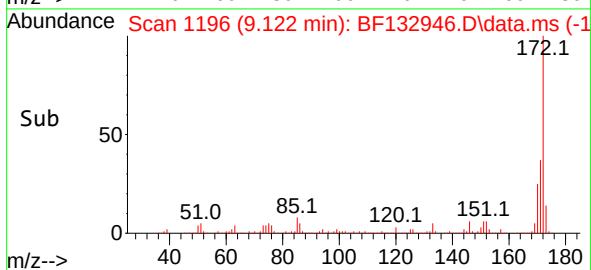
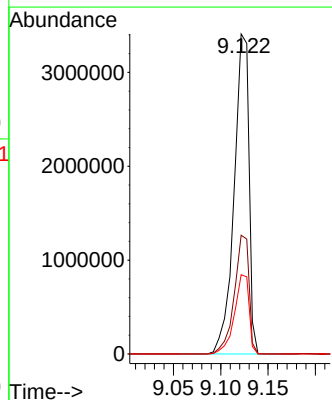
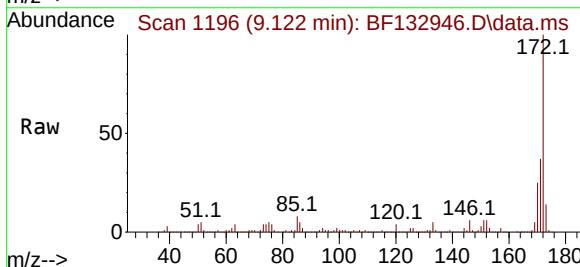
Instrument :
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ClientSampleId :
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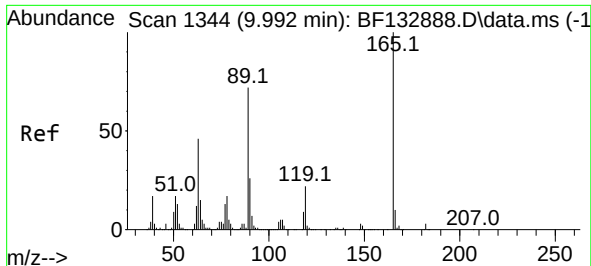
Tgt Ion:330 Resp: 1058343
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 26.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 85.900 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:172 Resp: 3715753
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.8 20.1 30.1

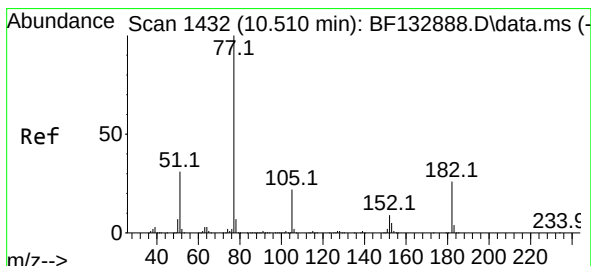
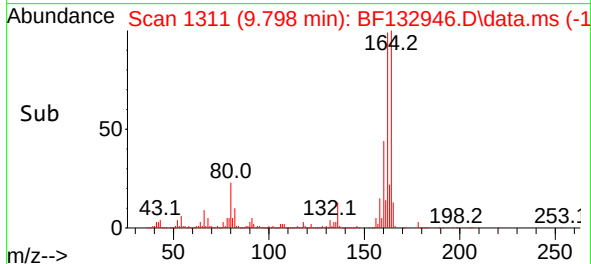
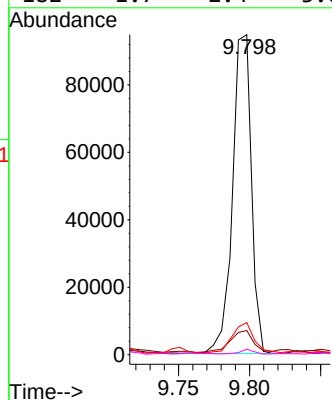
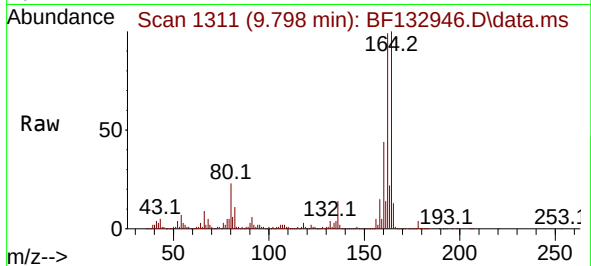




#57
2,4-Dinitrotoluene
Concen: 7.022 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

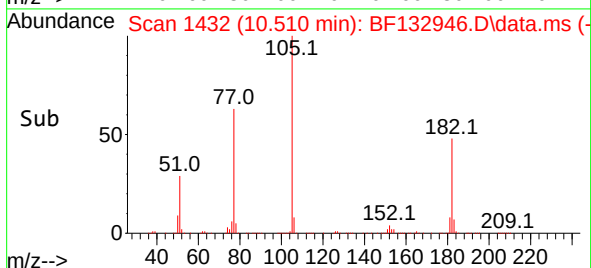
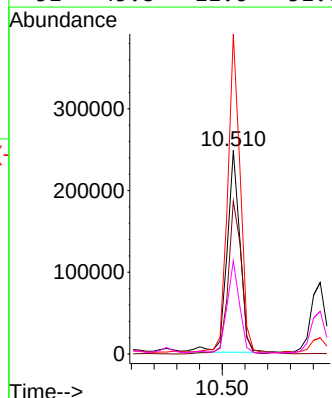
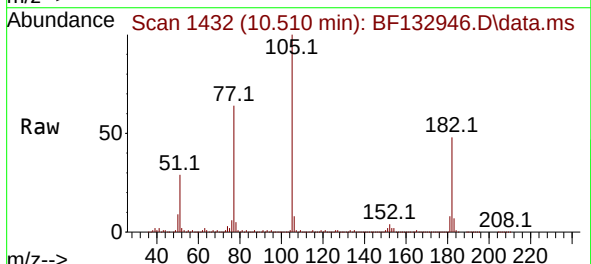
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

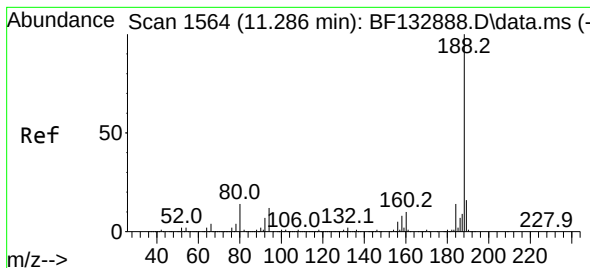
Tgt Ion:165 Resp: 87297
Ion Ratio Lower Upper
165 100
63 7.6 37.0 55.6#
89 10.0 57.8 86.6#
182 1.7 2.4 3.6#



#63
Azobenzene
Concen: 4.077 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 77 Resp: 195513
Ion Ratio Lower Upper
77 100
182 75.2 6.0 46.0#
105 157.2 1.6 41.6#
51 45.8 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Instrument :

BNA_F

ClientSampleId :

SPA-3WC-23-04

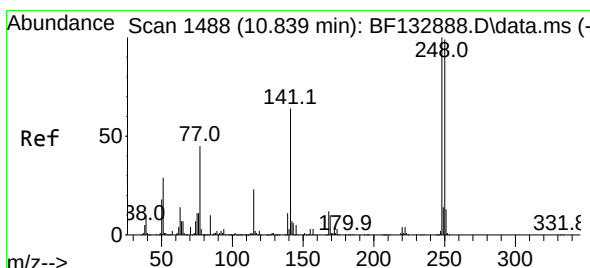
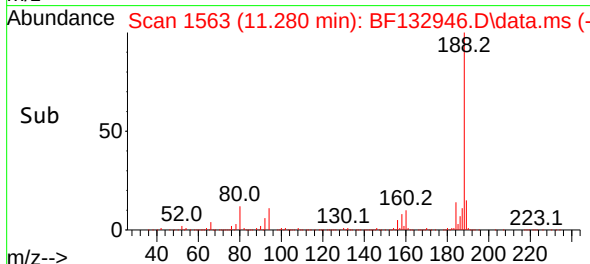
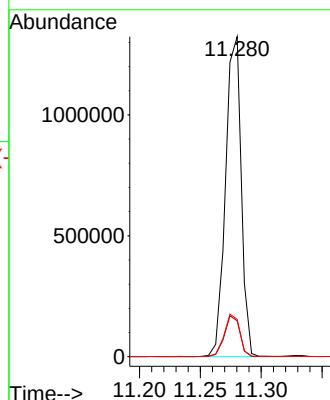
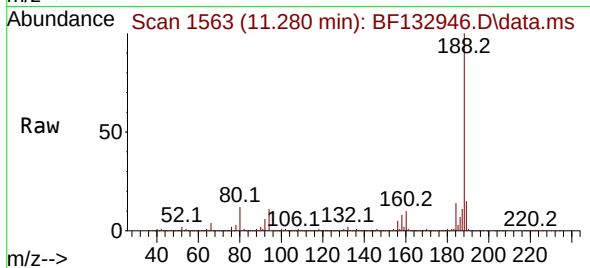
Tgt Ion:188 Resp: 1186051

Ion Ratio Lower Upper

188 100

94 11.2 9.9 14.9

80 11.7 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 4.609 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

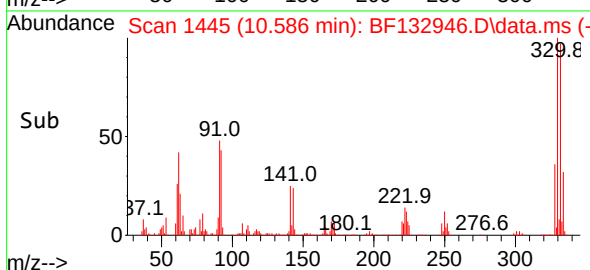
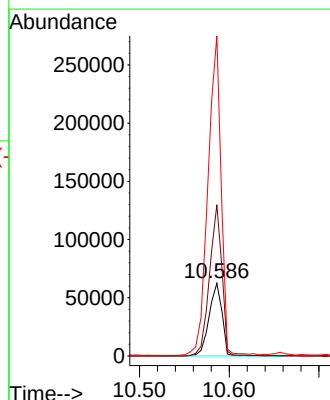
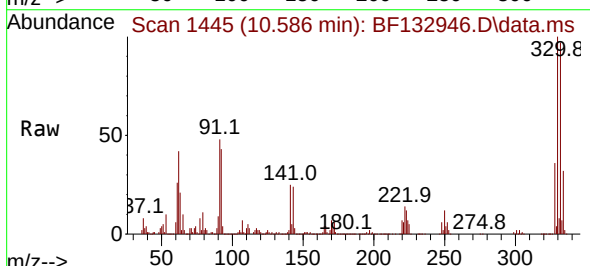
Tgt Ion:248 Resp: 62422

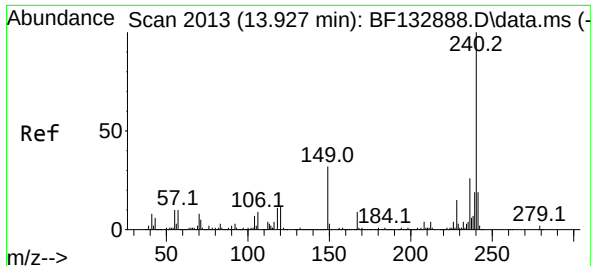
Ion Ratio Lower Upper

248 100

250 207.8 79.1 118.7#

141 440.1 51.0 76.6#

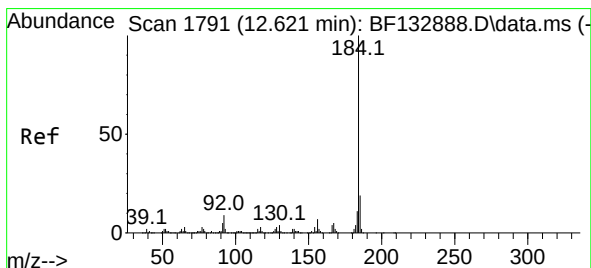
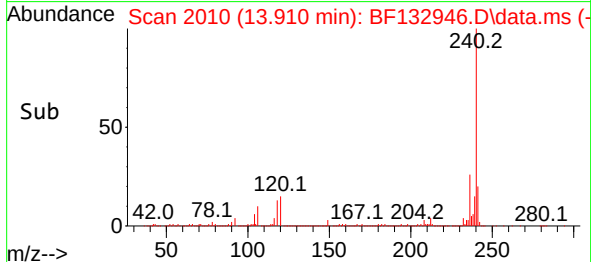
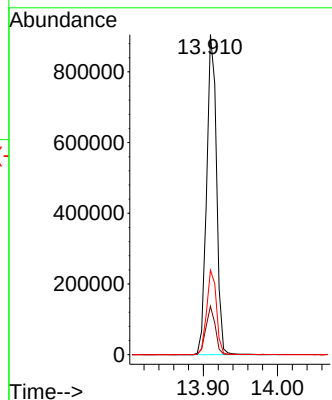
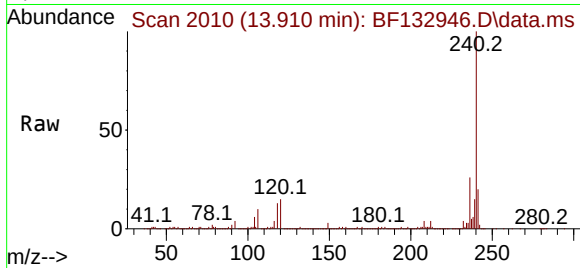




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

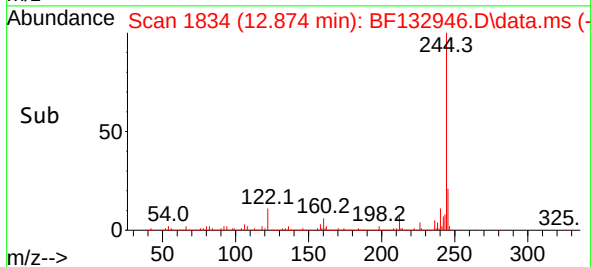
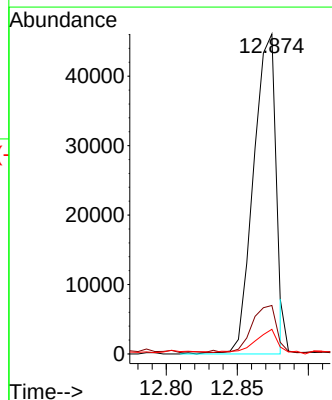
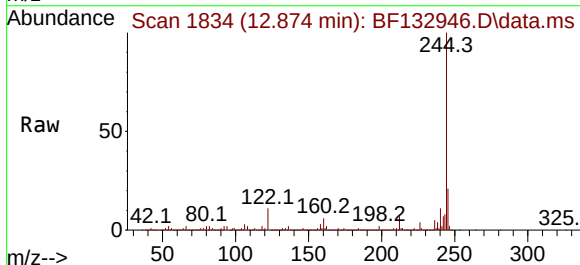
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

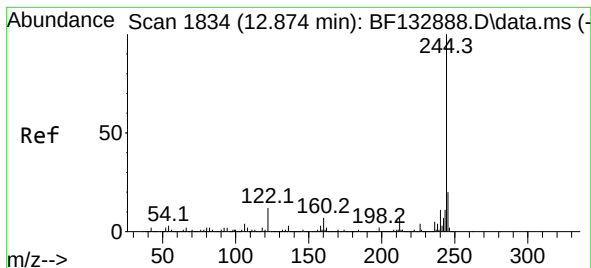
Tgt Ion:240 Resp: 840698
Ion Ratio Lower Upper
240 100
120 15.2 10.0 15.0#
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.864 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.265 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:184 Resp: 50605
Ion Ratio Lower Upper
184 100
185 15.1 14.9 22.3
183 7.7 9.0 13.6#





#79

Terphenyl-d14

Concen: 87.435 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Instrument :

BNA_F

ClientSampleId :

SPA-3WC-23-04

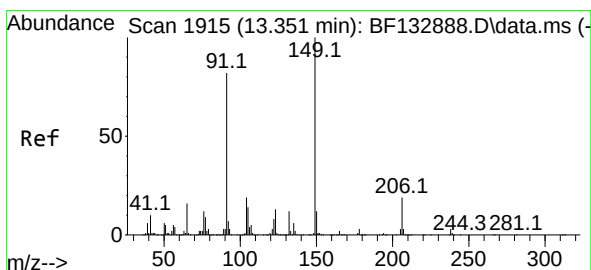
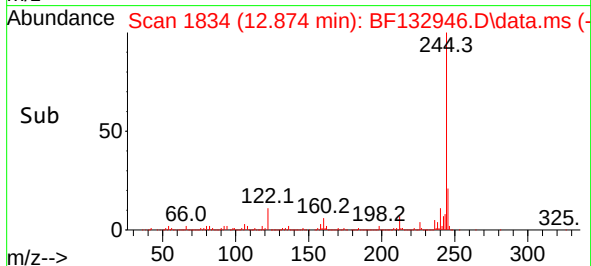
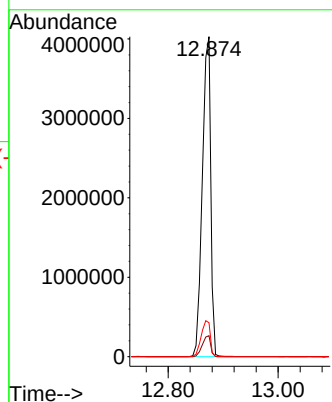
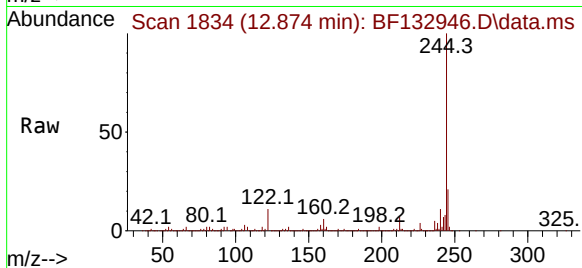
Tgt Ion:244 Resp: 4308500

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.376 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

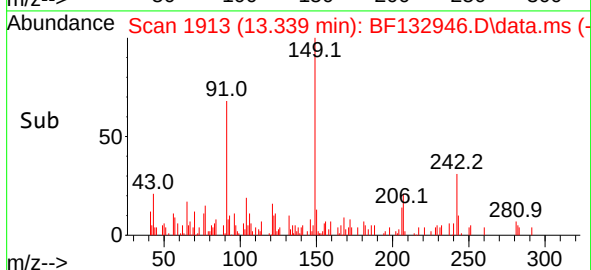
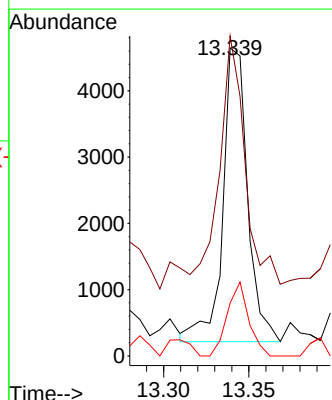
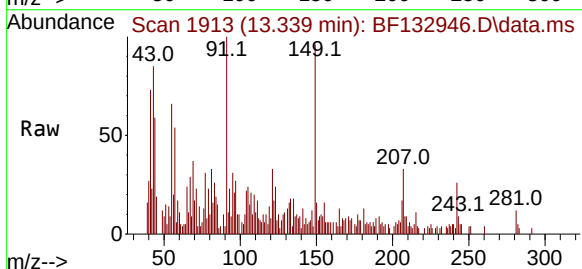
Tgt Ion:149 Resp: 4491

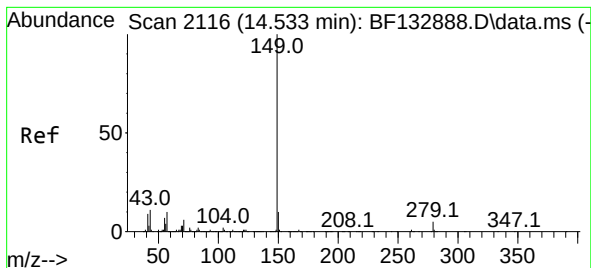
Ion Ratio Lower Upper

149 100

91 103.9 65.4 98.0#

206 17.2 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.423 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Instrument :

BNA_F

ClientSampleId :

SPA-3WC-23-04

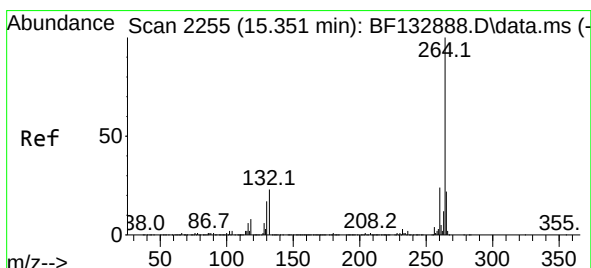
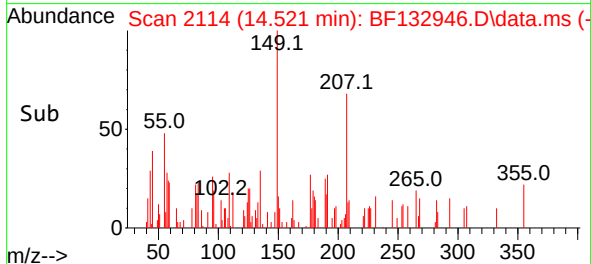
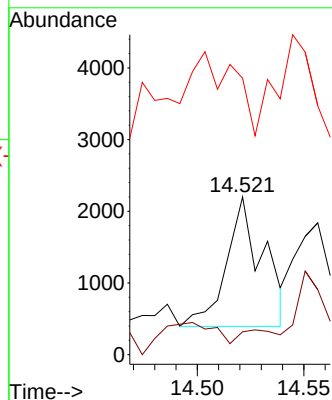
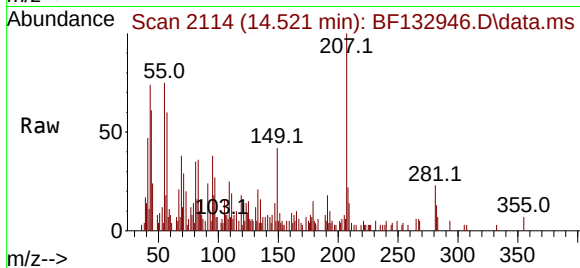
Tgt Ion:149 Resp: 2157

Ion Ratio Lower Upper

149 100

167 18.2 1.2 1.8#

43 0.0 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.000 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Tgt Ion:264 Resp: 668583

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.2 17.7 26.5

