

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130927.D
 Acq On : 02 Nov 2022 13:06
 Operator : CG\JU
 Sample : N5381-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-7

Quant Time: Nov 03 03:41:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

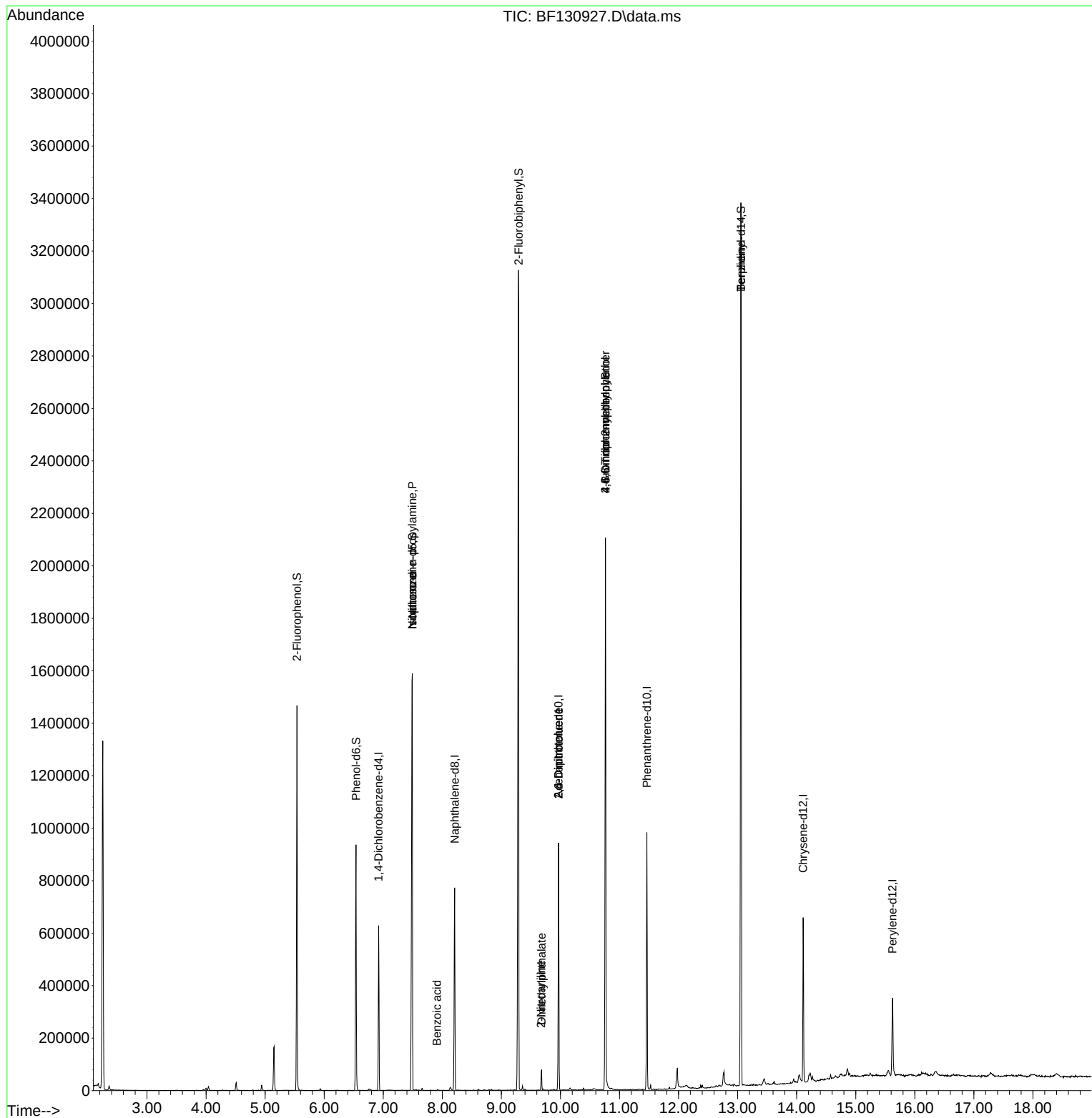
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	80338	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	313900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	175283	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	325942	20.000	ng	0.00
76) Chrysene-d12	14.110	240	198085	20.000	ng	-0.01
86) Perylene-d12	15.621	264	136798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	322989	69.698	ng	0.00
7) Phenol-d6	6.540	99	259536	43.098	ng	0.00
23) Nitrobenzene-d5	7.492	82	597508	114.779	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	238820	161.854	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1079163	93.082	ng	0.00
79) Terphenyl-d14	13.057	244	1147745	106.176	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	83008	20.259	ng	# 77
25) Isophorone	7.492	82	597285	55.639	ng	# 66
32) Benzoic acid	7.910	122	62	7.696	ng	# 32
48) 2-Nitroaniline	9.675	65	466	4.279	ng	# 1
50) Dimethylphthalate	9.681	163	27244	2.263	ng	100
51) 2,6-Dinitrotoluene	9.969	165	22602	12.091	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	22602	10.960	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.763	198	678	8.344	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	15655	4.776	ng	# 1
77) Benzidine	13.057	184	18365	3.819	ng	# 90

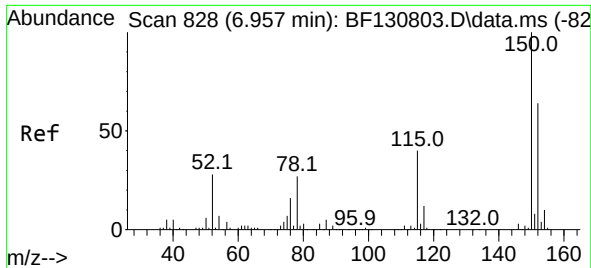
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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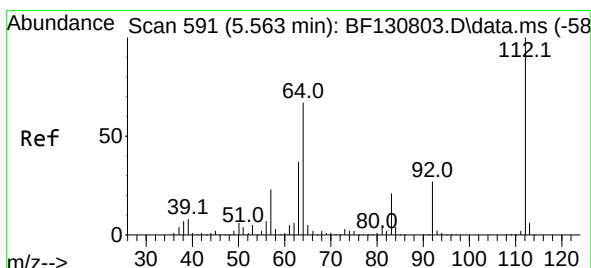
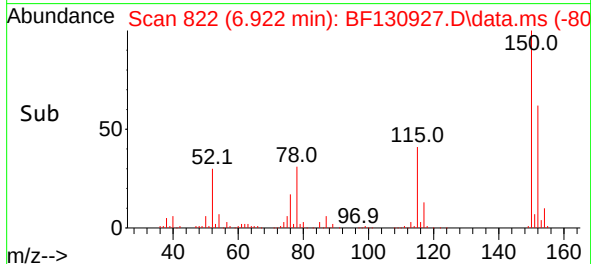
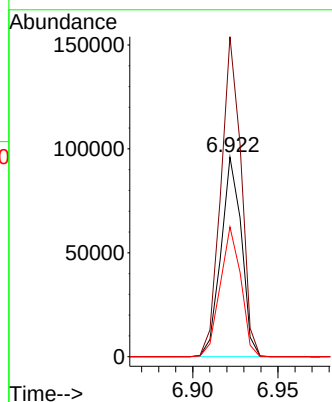
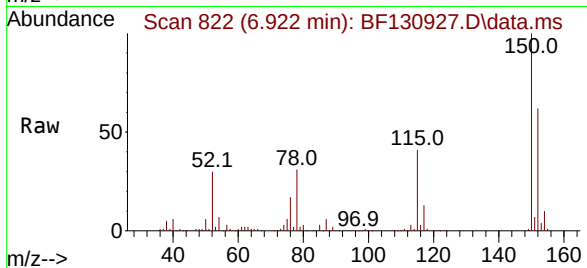




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

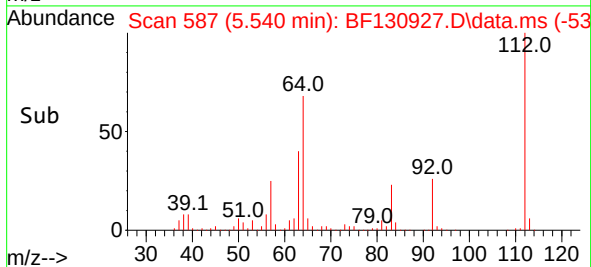
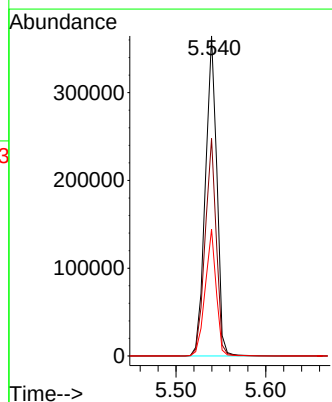
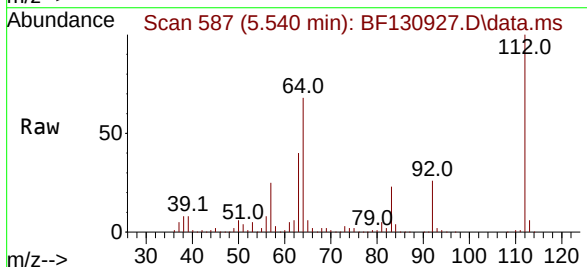
Instrument :
BNA_F
ClientSampleId :
265393-7

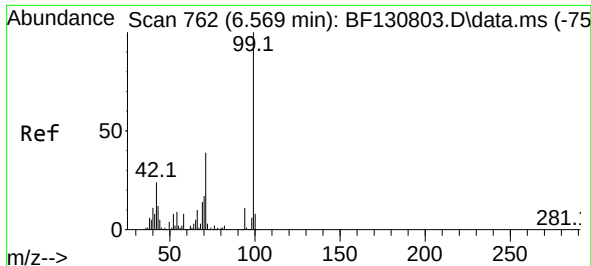
Tgt Ion:152 Resp: 80338
Ion Ratio Lower Upper
152 100
150 160.4 124.1 186.1
115 65.1 50.1 75.1



#5
2-Fluorophenol
Concen: 69.698 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

Tgt Ion:112 Resp: 322989
Ion Ratio Lower Upper
112 100
64 68.0 53.9 80.9
63 39.6 29.4 44.2

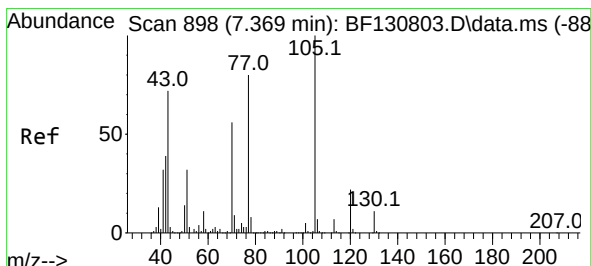
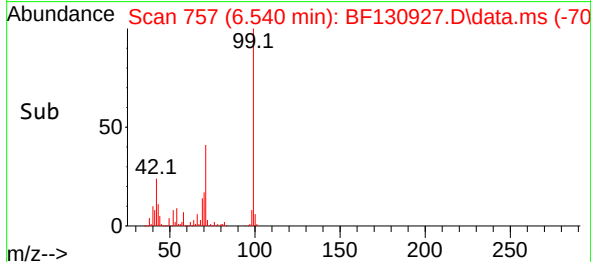
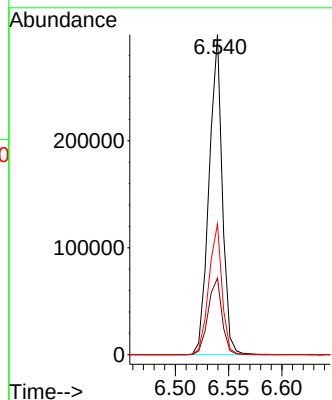
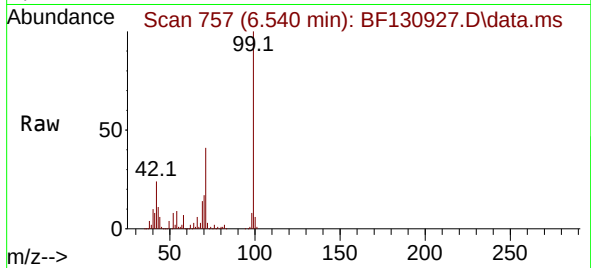




#7
Phenol-d6
Concen: 43.098 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

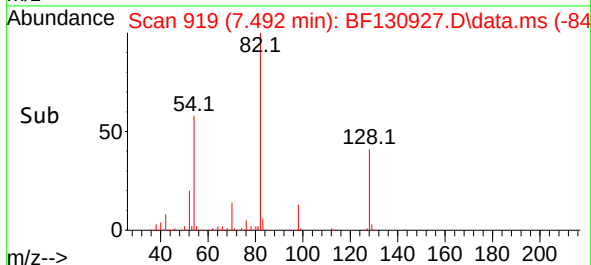
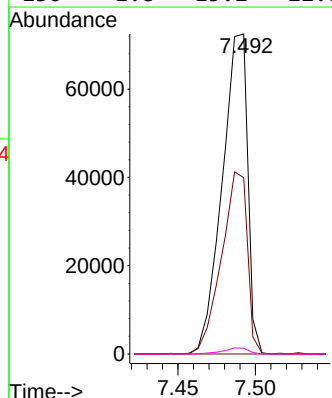
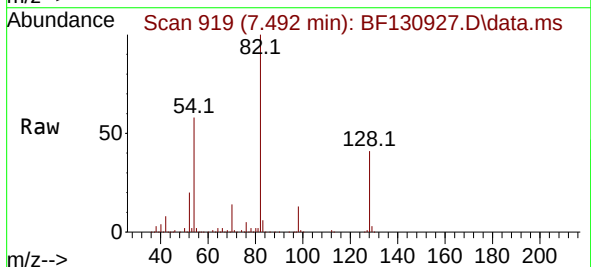
Instrument :
BNA_F
ClientSampleId :
265393-7

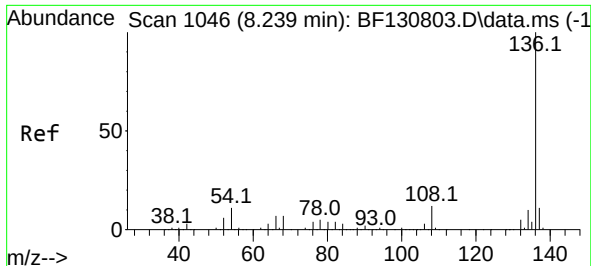
Tgt Ion: 99 Resp: 259536
Ion Ratio Lower Upper
99 100
42 23.9 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.259 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

Tgt Ion: 70 Resp: 83008
Ion Ratio Lower Upper
70 100
42 55.1 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

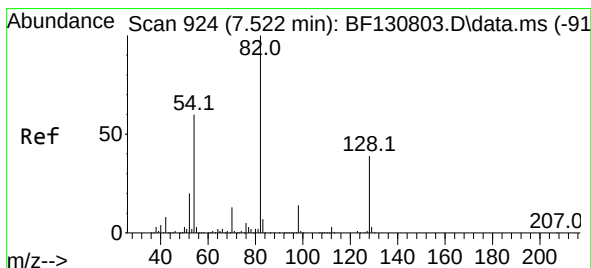
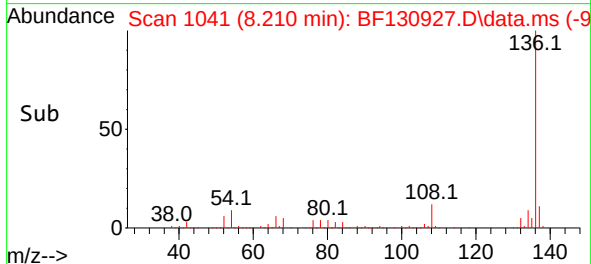
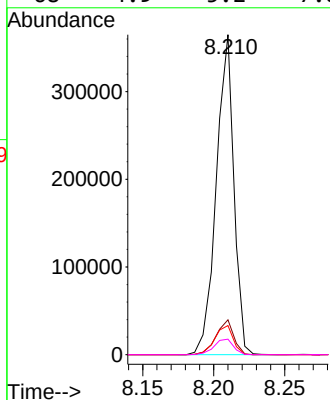
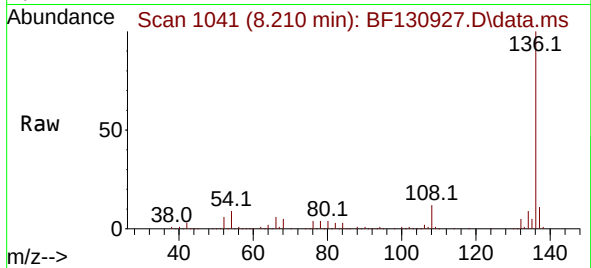




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

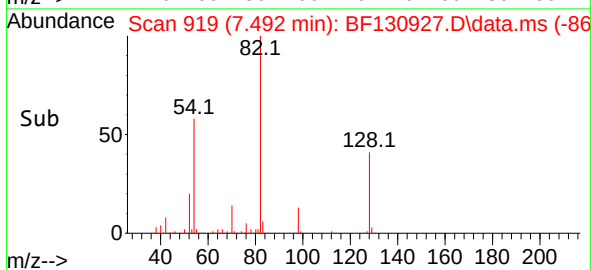
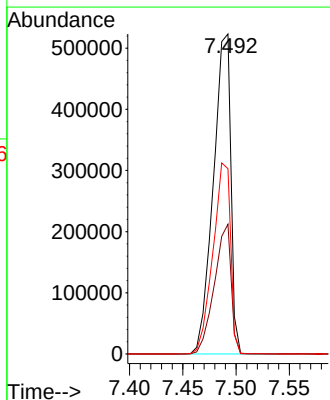
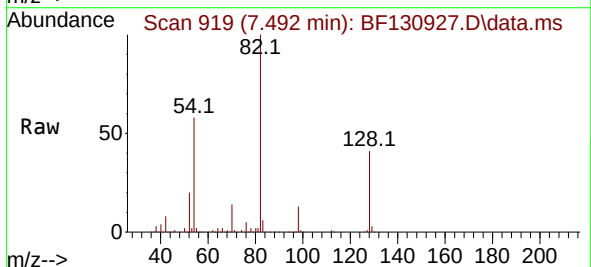
Instrument :
BNA_F
ClientSampleId :
265393-7

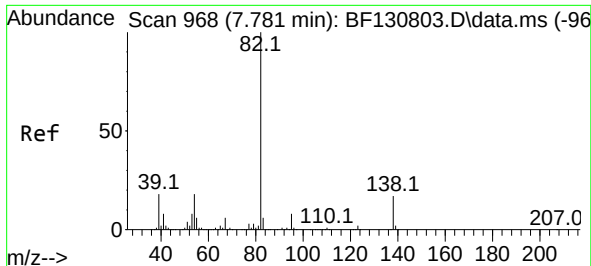
Tgt Ion:136	Resp:	313900
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	9.1	8.8 13.2
68	4.9	5.2 7.8



#23
Nitrobenzene-d5
Concen: 114.779 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

Tgt Ion: 82	Resp:	597508
Ion Ratio	Lower	Upper
82	100	
128	40.6	31.2 46.8
54	57.9	48.0 72.0

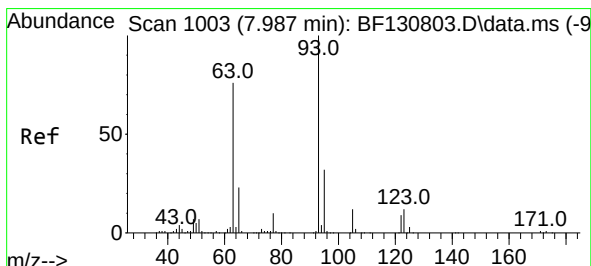
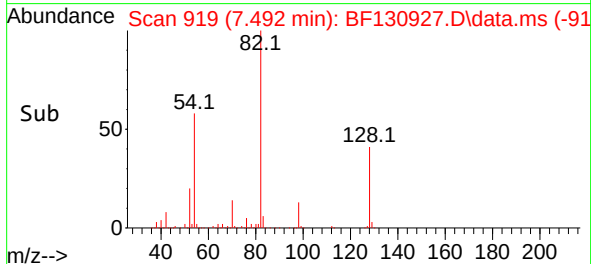
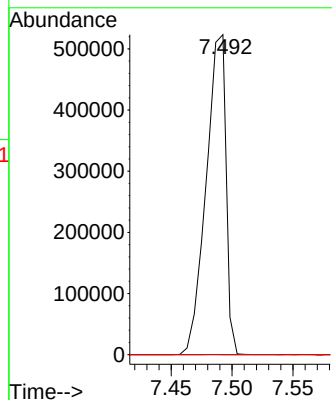
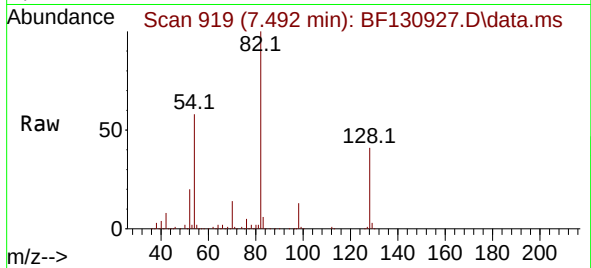




#25
Isophorone
Concen: 55.639 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

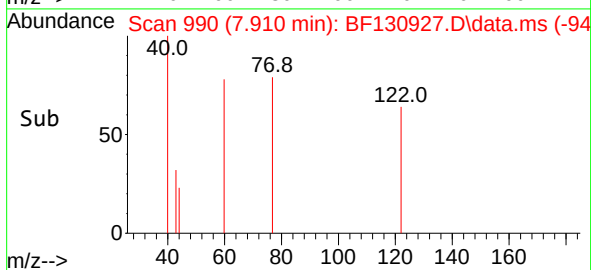
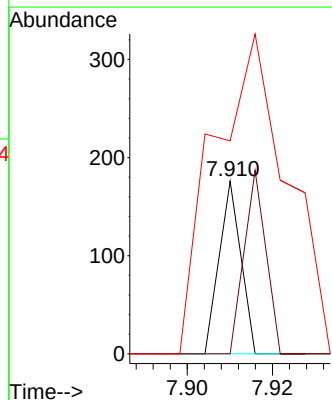
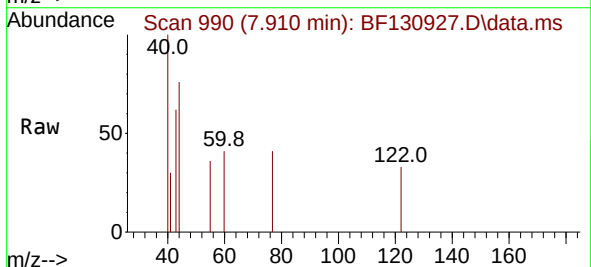
Instrument :
BNA_F
ClientSampleId :
265393-7

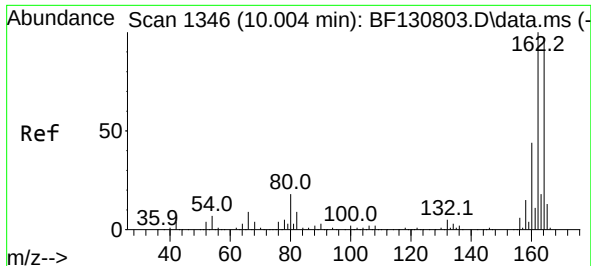
Tgt Ion: 82 Resp: 597285
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.696 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.059 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

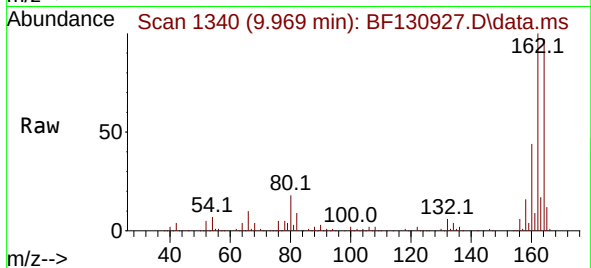
Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 123.3 89.8 129.8



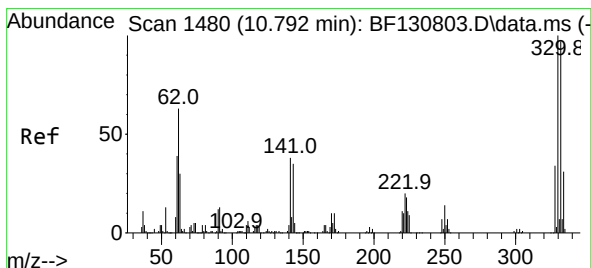
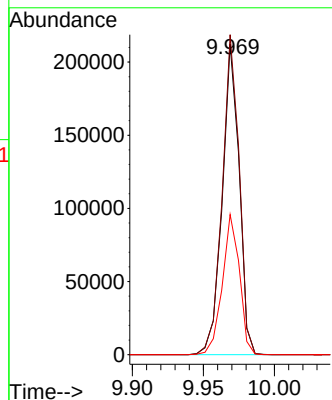
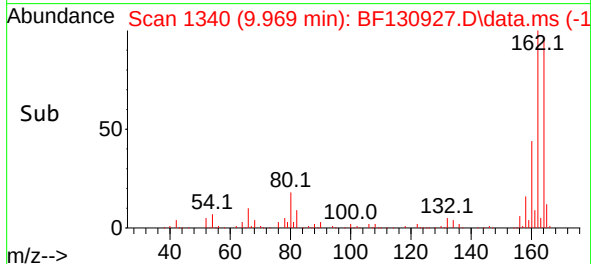


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

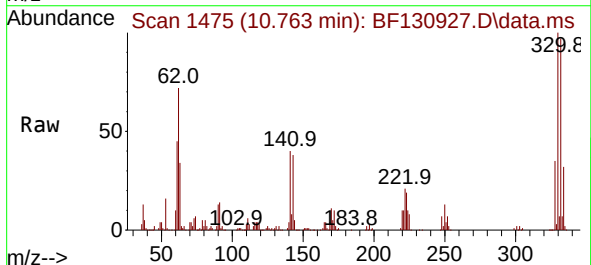
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ClientSampleId :
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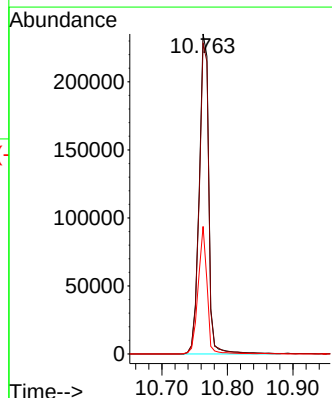
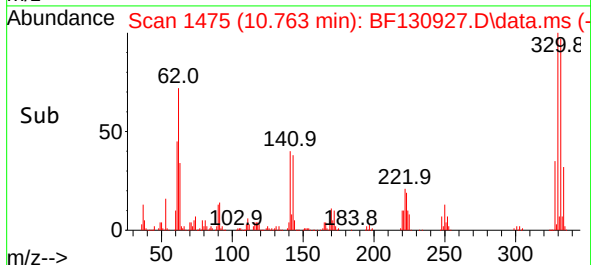
Tgt Ion:164 Resp: 175283
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 45.1 36.6 54.8

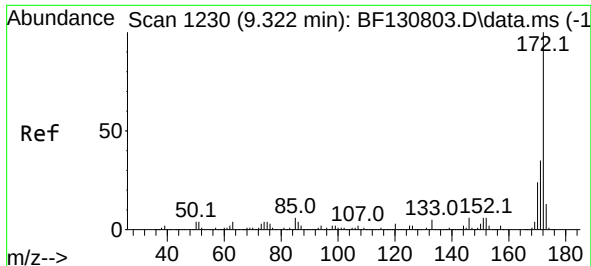


#42
2,4,6-Tribromophenol
Concen: 161.854 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06



Tgt Ion:330 Resp: 238820
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 37.0 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 93.082 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130927.D

Acq: 02 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

265393-7

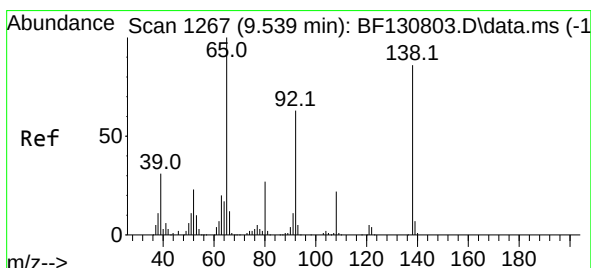
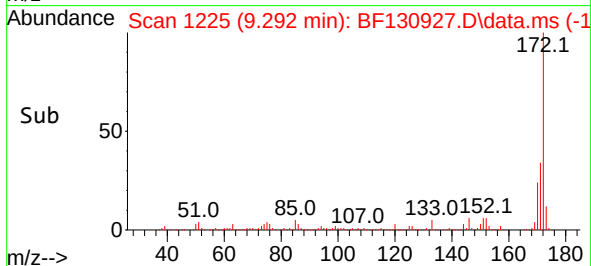
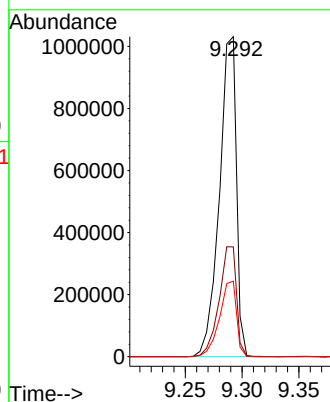
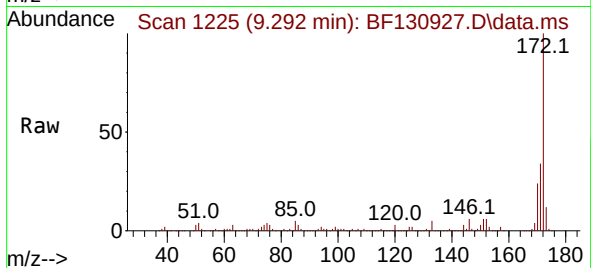
Tgt Ion:172 Resp: 1079163

Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 4.279 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.159 min

Lab File: BF130927.D

Acq: 02 Nov 2022 13:06

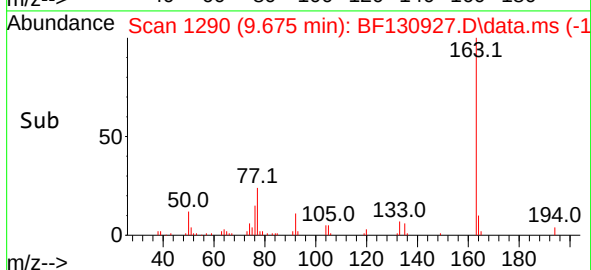
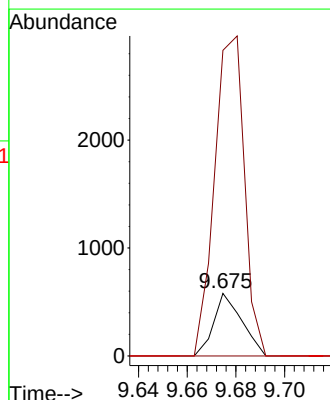
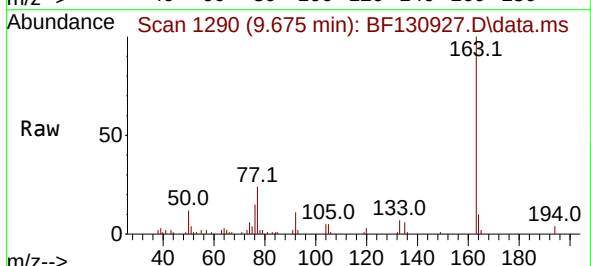
Tgt Ion: 65 Resp: 466

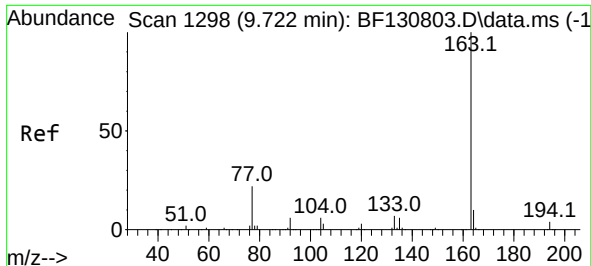
Ion Ratio Lower Upper

65 100

92 488.3 50.1 75.1#

138 0.0 69.2 103.8#

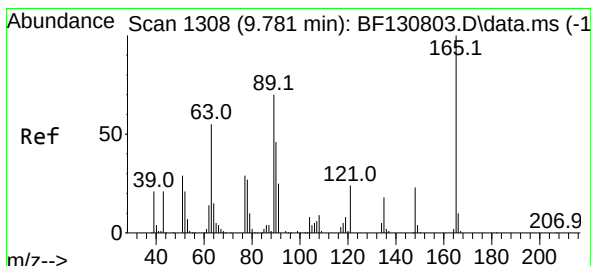
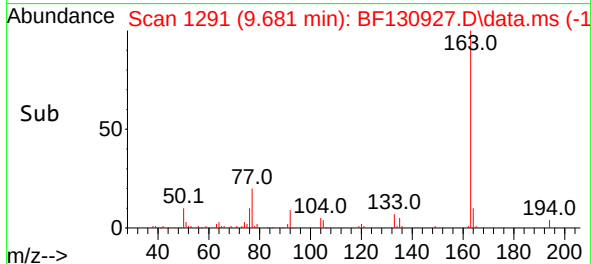
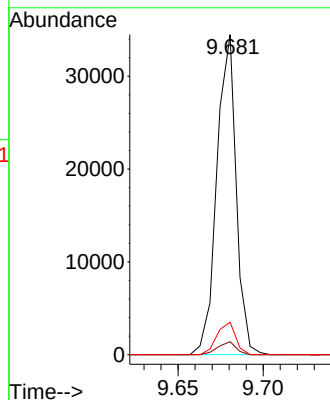
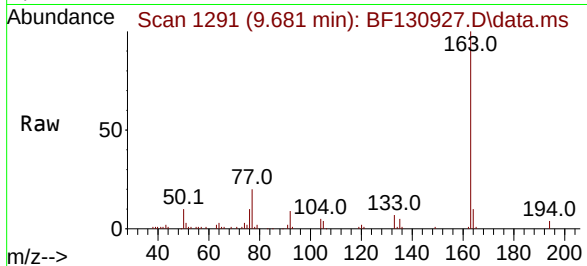




#50
Dimethylphthalate
Concen: 2.263 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

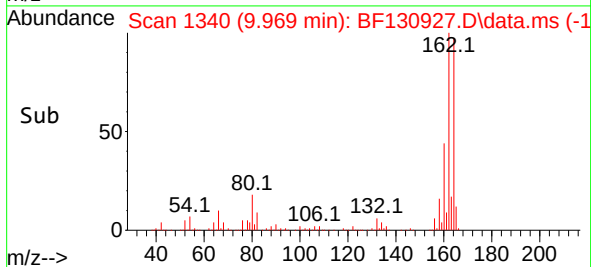
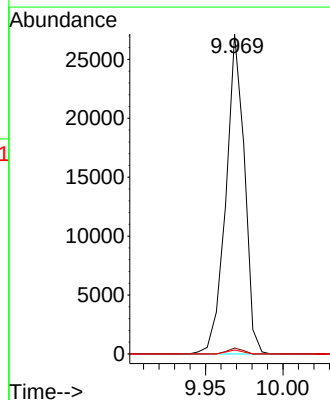
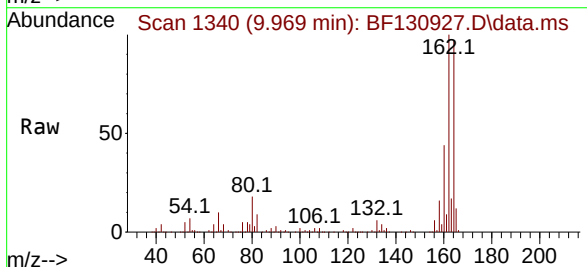
Instrument :
BNA_F
ClientSampleId :
265393-7

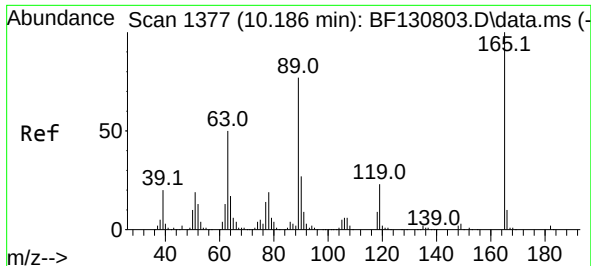
Tgt Ion:163 Resp: 27244
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 12.091 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

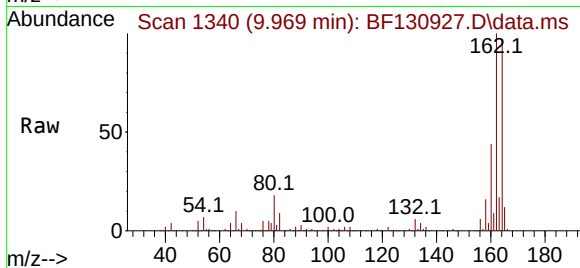
Tgt Ion:165 Resp: 22602
Ion Ratio Lower Upper
165 100
63 1.9 61.8 92.8#
89 1.2 56.2 84.4#



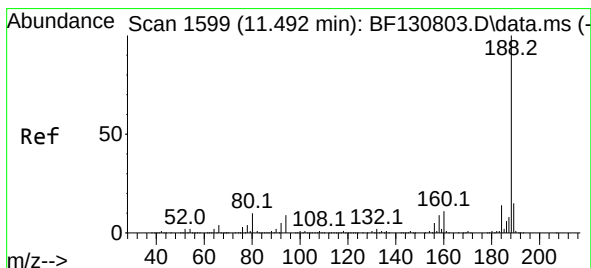
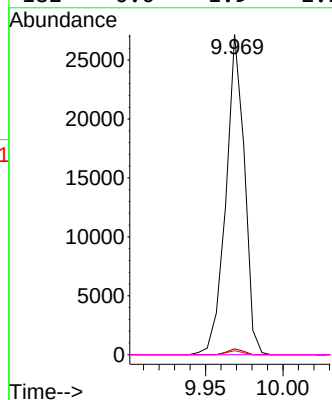
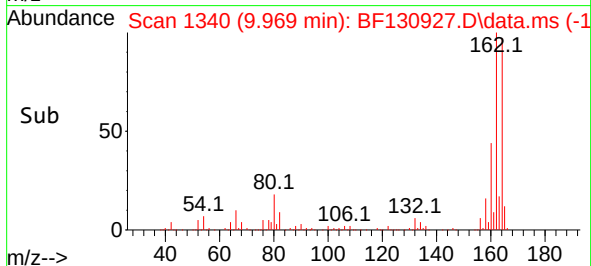


#57
2,4-Dinitrotoluene
Concen: 10.960 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

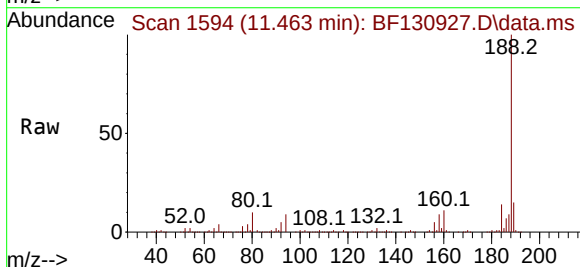
Instrument :
BNA_F
ClientSampleId :
265393-7



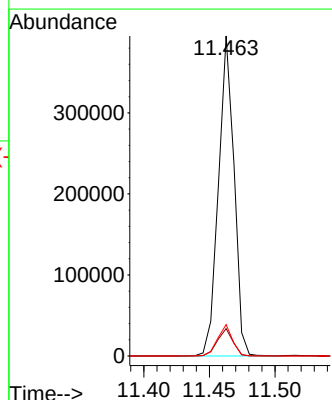
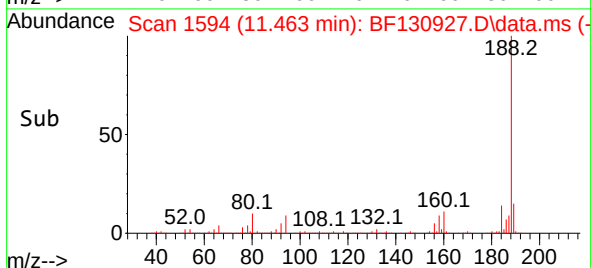
Tgt Ion:165 Resp: 22602
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.2 61.9 92.9#
182 0.0 1.9 2.9#

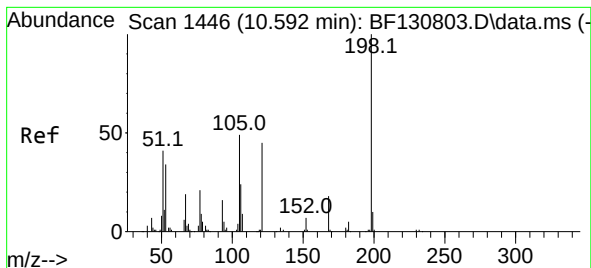


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06



Tgt Ion:188 Resp: 325942
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.8 8.0 12.0

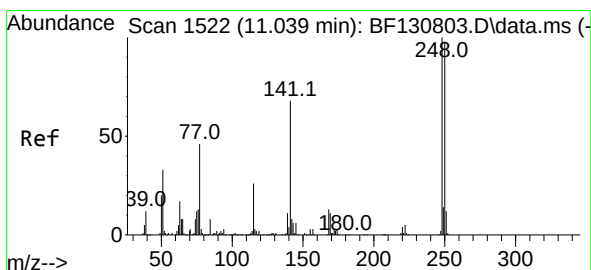
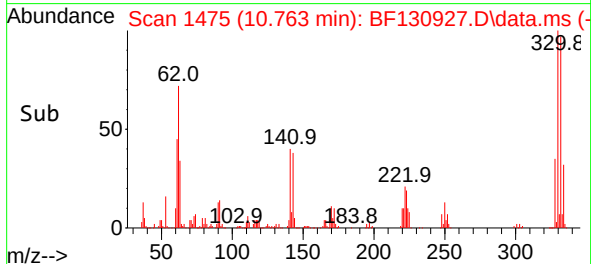
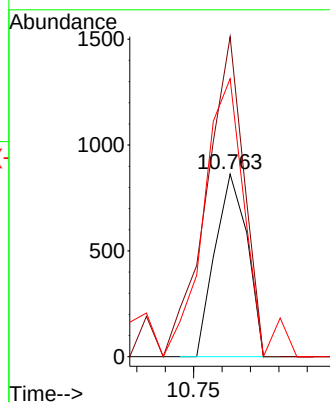
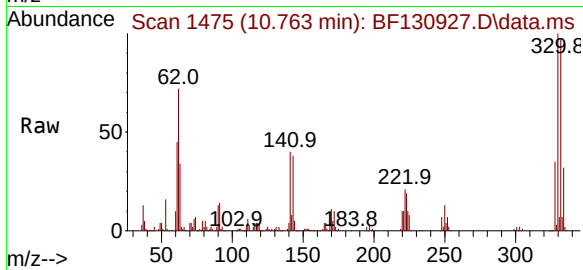




#65
4,6-Dinitro-2-methylphenol
Concen: 8.344 ng
RT: 10.763 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

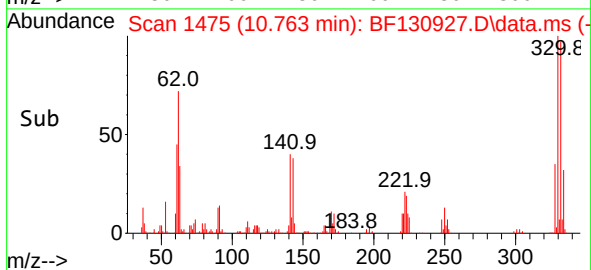
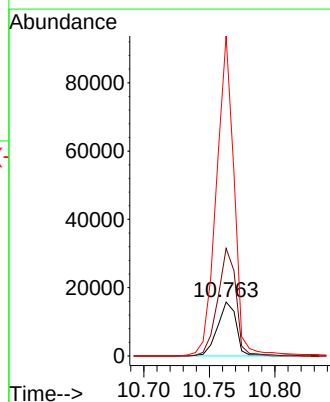
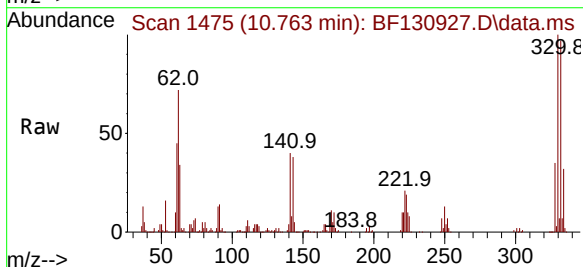
Instrument :
BNA_F
ClientSampleId :
265393-7

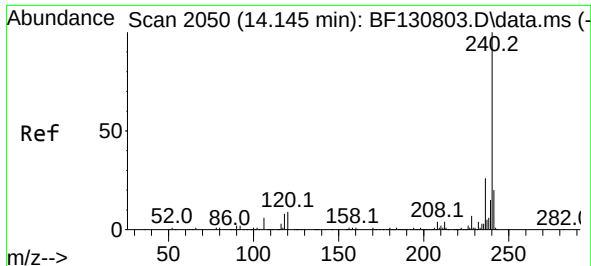
Tgt Ion:198 Resp: 678
Ion Ratio Lower Upper
198 100
51 175.2 39.0 79.0#
105 152.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.776 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.247 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

Tgt Ion:248 Resp: 15655
Ion Ratio Lower Upper
248 100
250 199.7 78.6 117.8#
141 593.6 54.2 81.4#

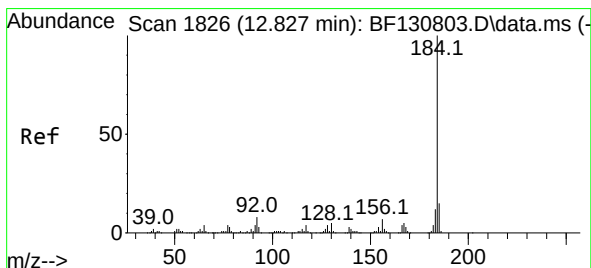
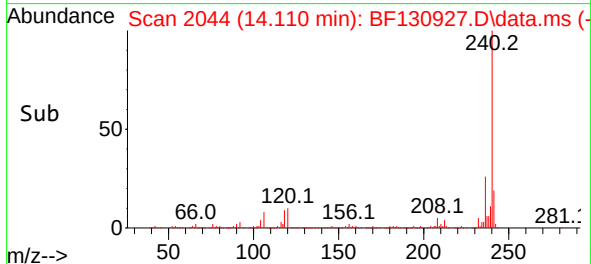
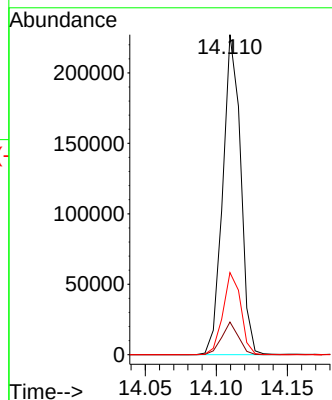
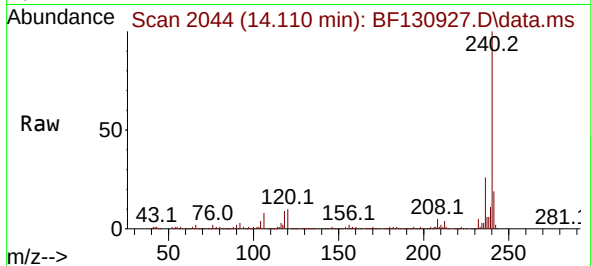




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

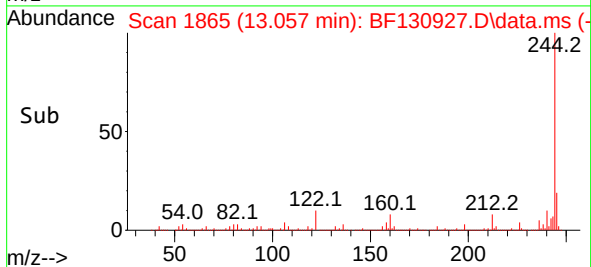
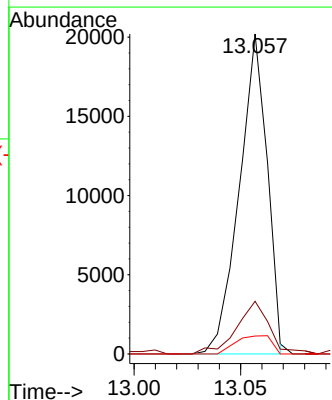
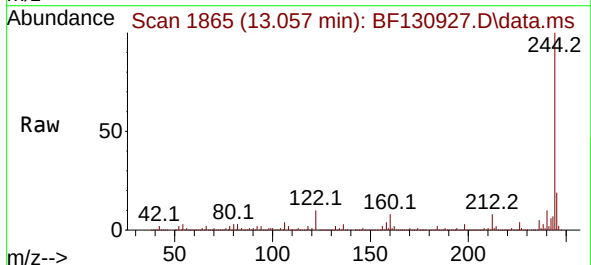
Instrument :
BNA_F
ClientSampleId :
265393-7

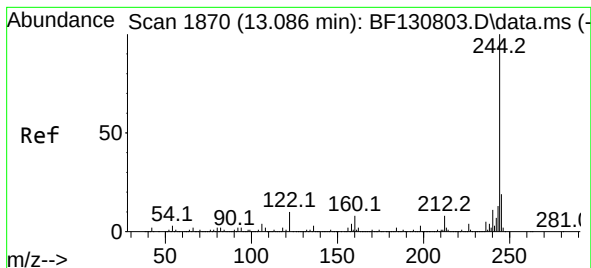
Tgt Ion:240 Resp: 198085
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.4
236 25.7 20.5 30.7



#77
Benzidine
Concen: 3.819 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.253 min
Lab File: BF130927.D
Acq: 02 Nov 2022 13:06

Tgt Ion:184 Resp: 18365
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 5.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 106.176 ng

RT: 13.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BF130927.D

Acq: 02 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

265393-7

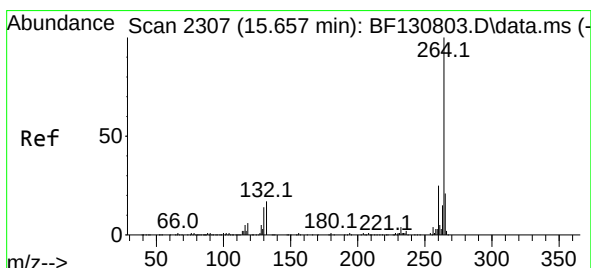
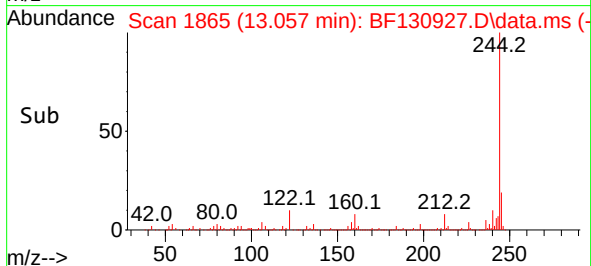
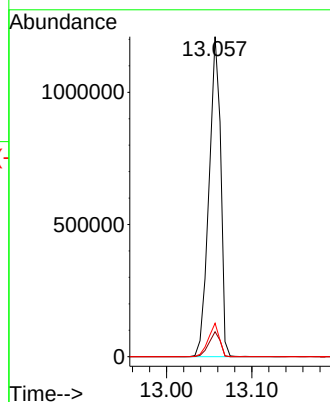
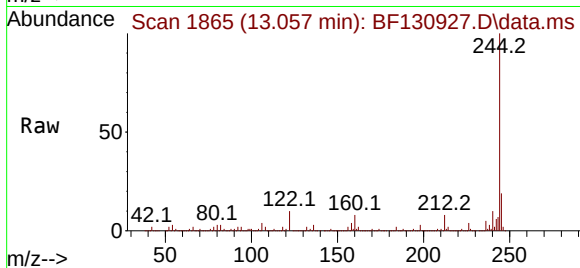
Tgt Ion:244 Resp: 1147745

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. -0.006 min

Lab File: BF130927.D

Acq: 02 Nov 2022 13:06

Tgt Ion:264 Resp: 136798

Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

265 20.9 17.0 25.6

