

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127130.D
 Acq On : 01 Mar 2022 21:54
 Operator : CG\JU
 Sample : N1709-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-19.0-19.5

Quant Time: Mar 02 00:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

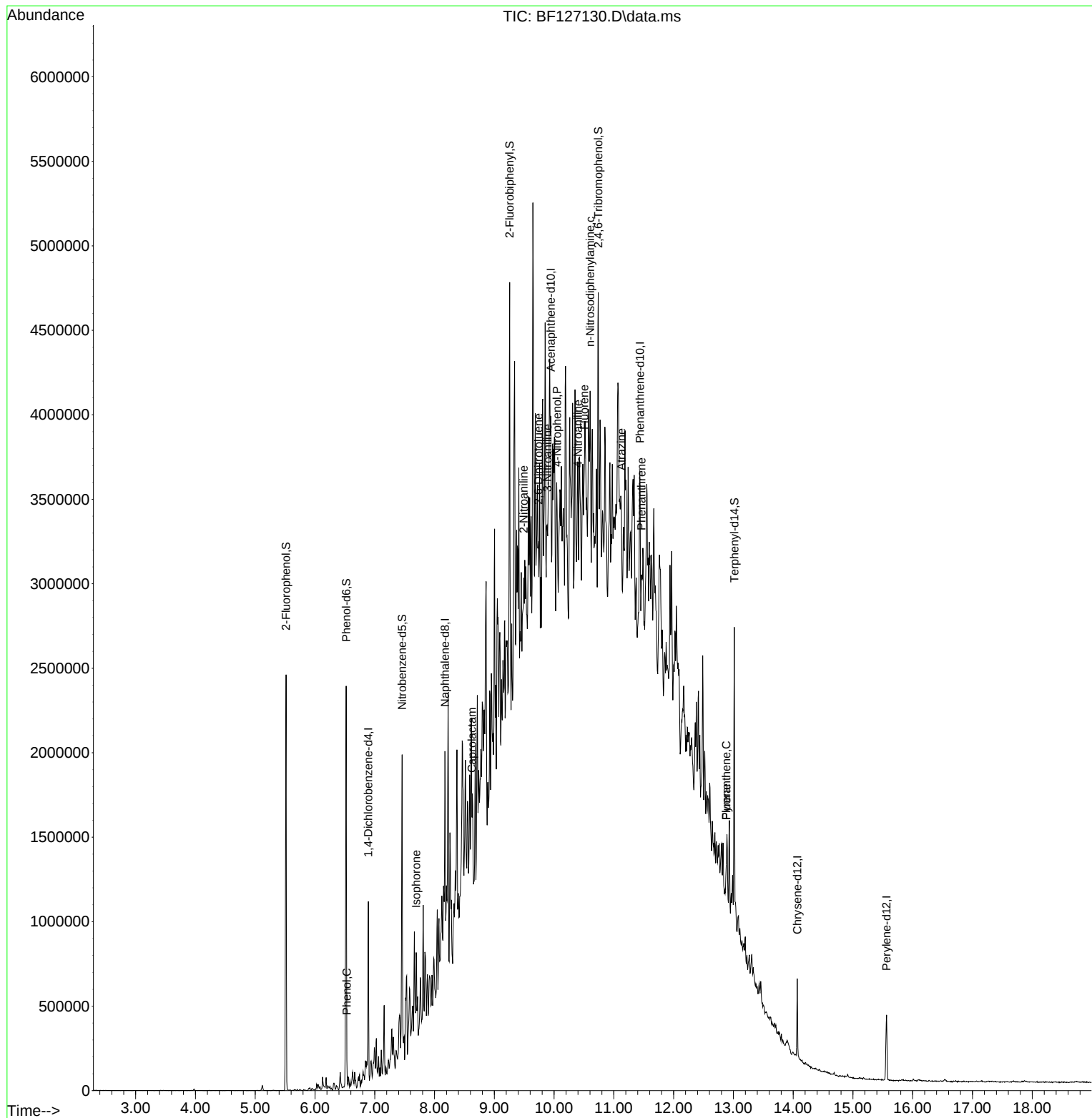
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	83334	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	322197	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	150587	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	233981	20.000	ng	0.01
76) Chrysene-d12	14.068	240	137409	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	171848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	576591	106.939	ng	0.00
7) Phenol-d6	6.522	99	746368	102.587	ng	0.00
23) Nitrobenzene-d5	7.457	82	499972	70.042	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	184068	106.164	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	672423	65.737	ng	0.00
79) Terphenyl-d14	13.016	244	517183	55.330	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	17528	2.384	ng	83
25) Isophorone	7.692	82	29301	2.481	ng	# 1
35) Caprolactam	8.628	113	8747	5.649	ng	# 1
48) 2-Nitroaniline	9.492	65	8370	2.397	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	6540	2.986	ng	# 53
53) 3-Nitroaniline	9.892	138	8455	3.158	ng	# 36
56) 4-Nitrophenol	10.051	139	10584	5.353	ng	# 1
58) Fluorene	10.504	166	25977	2.595	ng	# 1
62) 4-Nitroaniline	10.404	138	10901	4.124	ng	85
66) n-Nitrosodiphenylamine	10.604	169	160303	20.893	ng	# 38
69) Atrazine	11.128	200	7810	3.282	ng	# 39
71) Phenanthrene	11.463	178	66594	5.085	ng	# 71
75) Fluoranthene	12.880	202	75701	6.088	ng	87
78) Pyrene	12.880	202	76272	6.389	ng	# 90

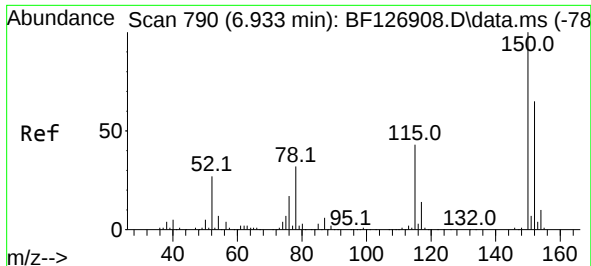
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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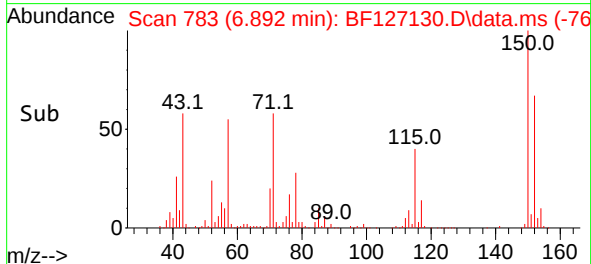
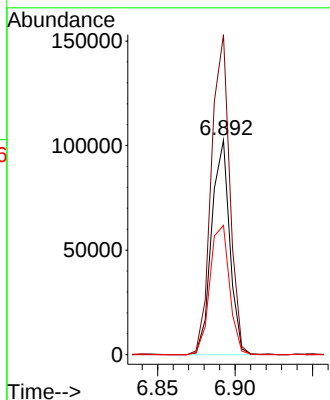
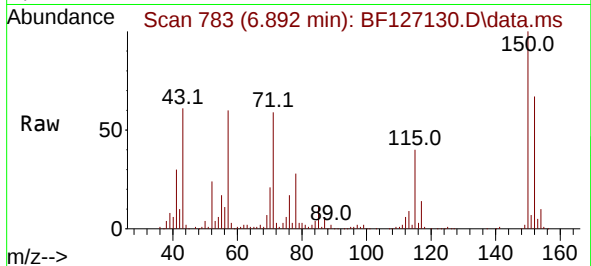




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

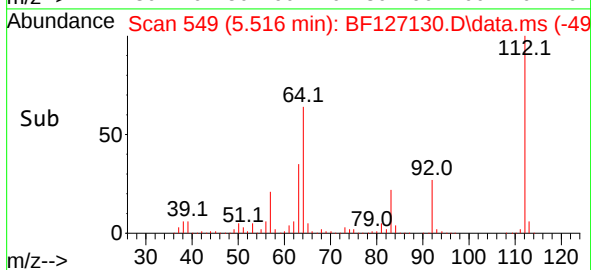
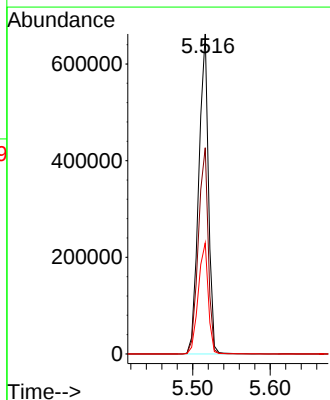
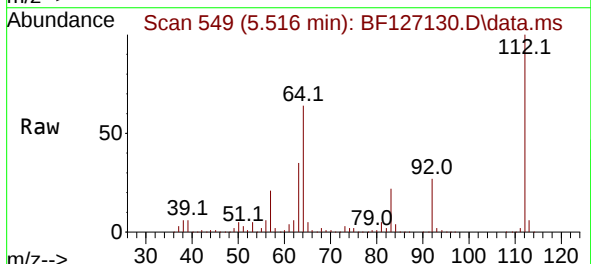
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

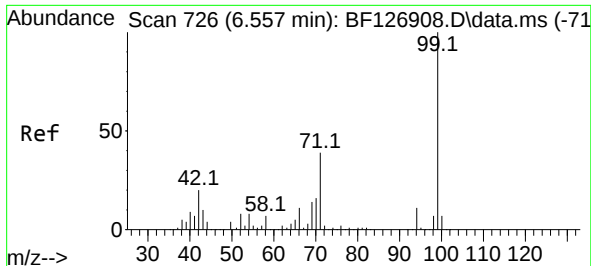
Tgt Ion:152 Resp: 83334
Ion Ratio Lower Upper
152 100
150 149.2 128.1 192.1
115 60.3 56.7 85.1



#5
2-Fluorophenol
Concen: 106.939 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:112 Resp: 576591
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 34.7 23.9 35.9

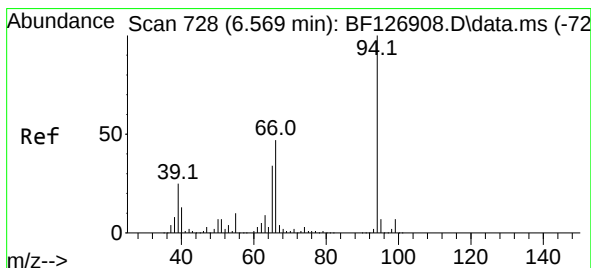
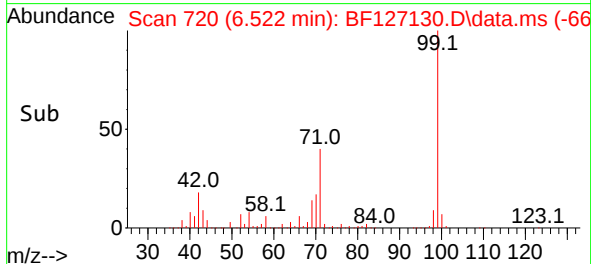
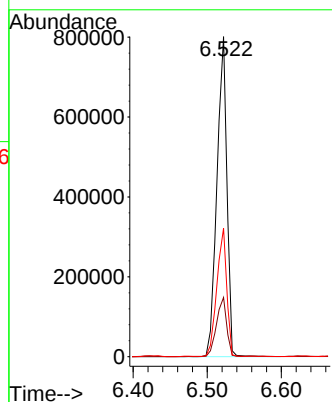
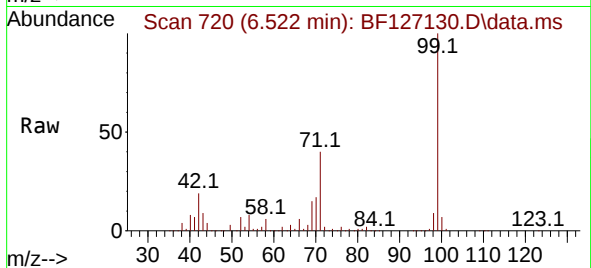




#7
Phenol-d6
Concen: 102.587 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

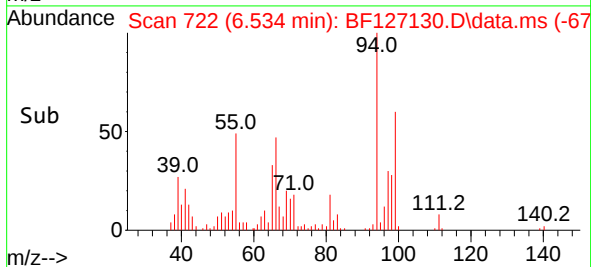
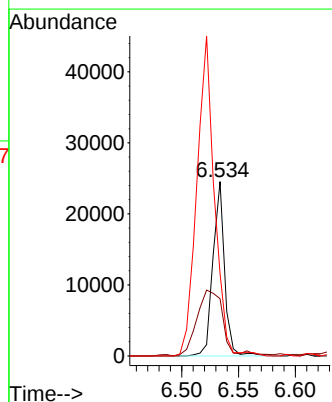
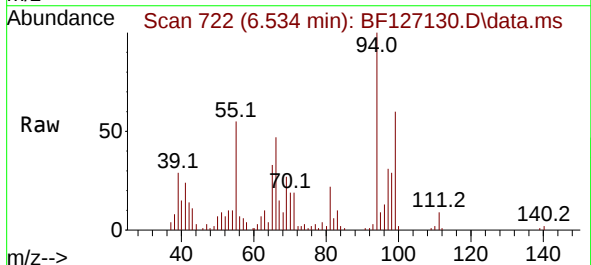
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

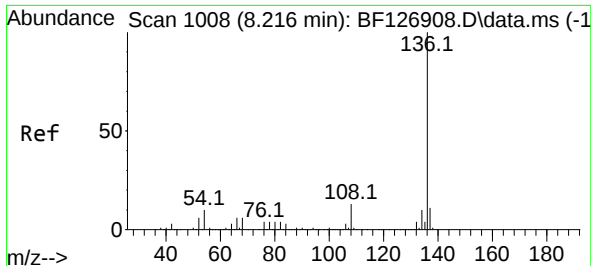
Tgt Ion: 99 Resp: 746368
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 40.1 24.3 36.5#



#10
Phenol
Concen: 2.384 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion: 94 Resp: 17528
Ion Ratio Lower Upper
94 100
65 32.9 7.2 47.2
66 47.3 14.5 54.5

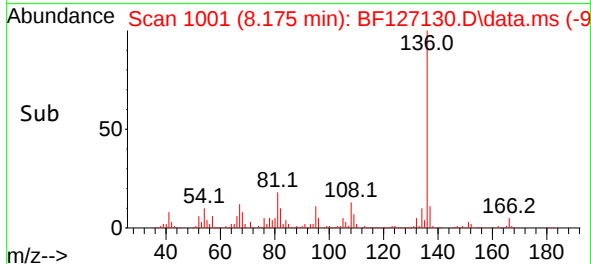
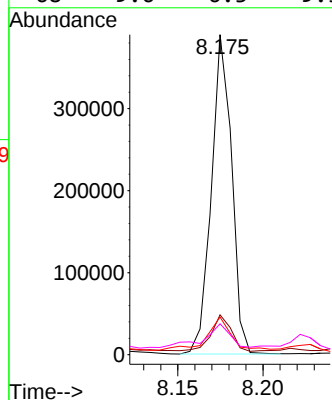
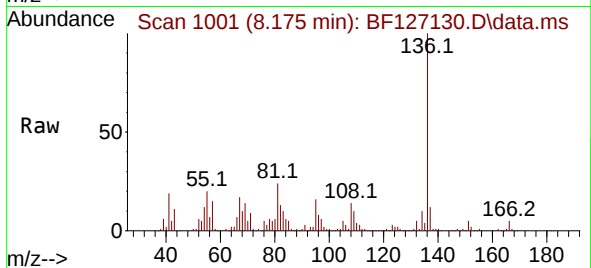




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

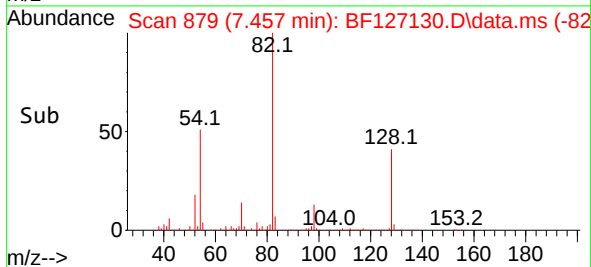
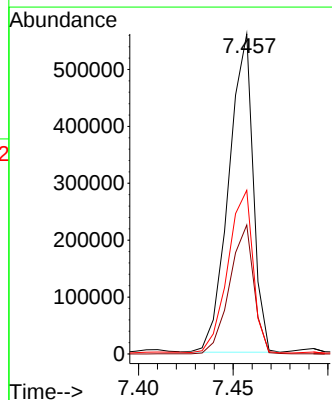
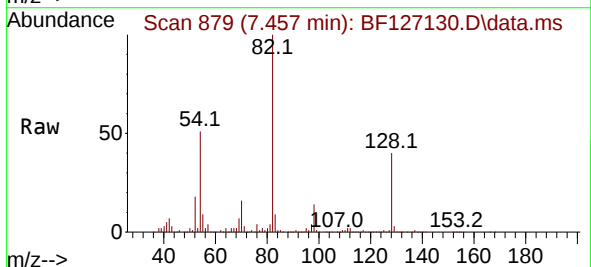
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

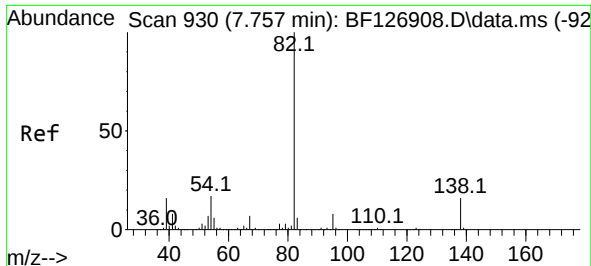
Tgt Ion:136 Resp: 322197
Ion Ratio Lower Upper
136 100
137 12.5 8.6 13.0
54 11.8 7.8 11.6#
68 9.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 70.042 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion: 82 Resp: 499972
Ion Ratio Lower Upper
82 100
128 40.3 32.7 49.1
54 51.2 41.7 62.5

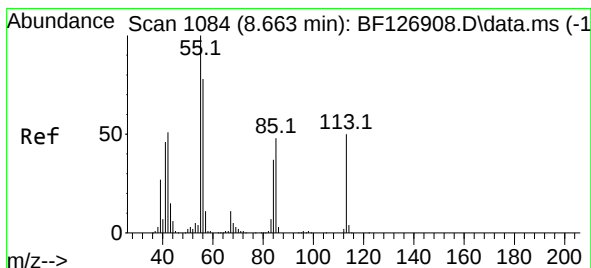
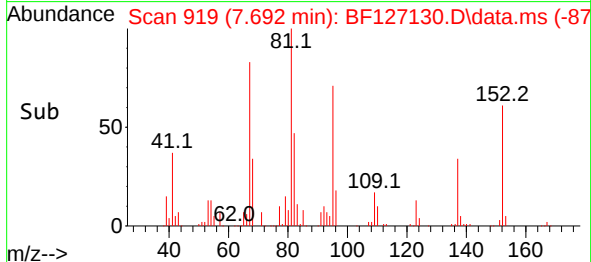
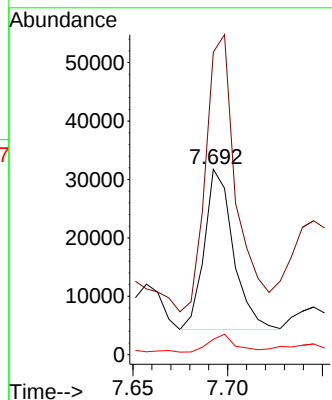
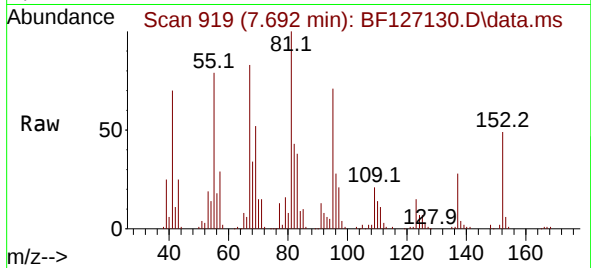




#25
Isophorone
Concen: 2.481 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

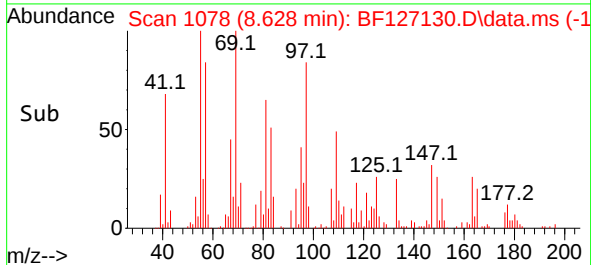
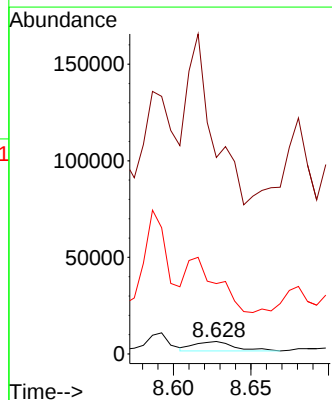
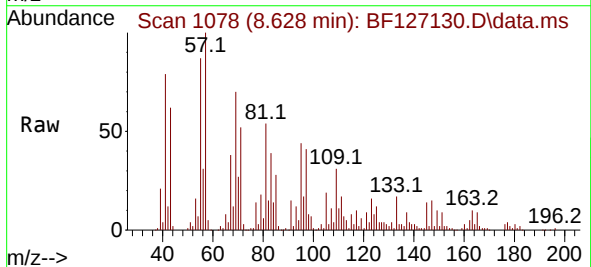
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

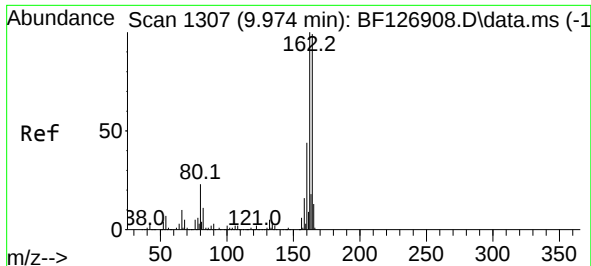
Tgt Ion: 82 Resp: 29301
Ion Ratio Lower Upper
82 100
95 163.2 5.0 7.4#
138 8.3 12.3 18.5#



#35
Caprolactam
Concen: 5.649 ng
RT: 8.628 min Scan# 1078
Delta R.T. -0.000 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion: 113 Resp: 8747
Ion Ratio Lower Upper
113 100
55 1583.2 183.9 223.9#
56 567.8 129.9 169.9#

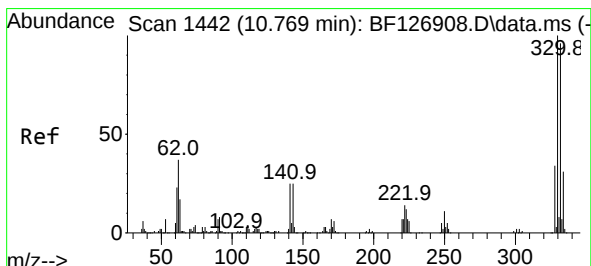
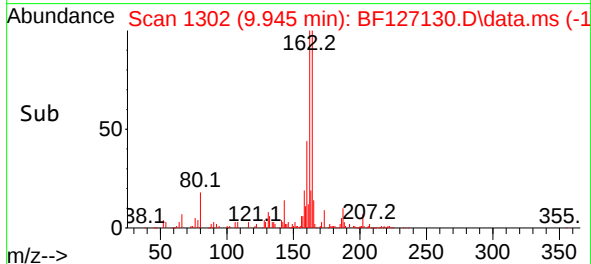
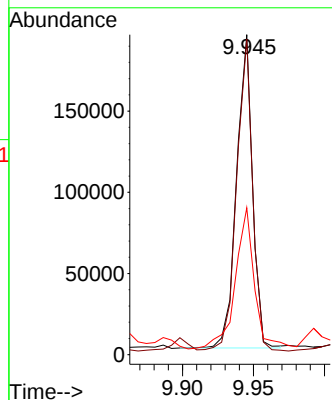
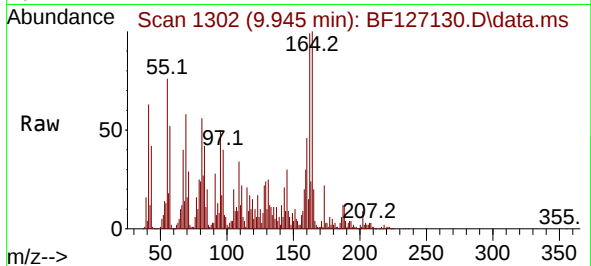




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

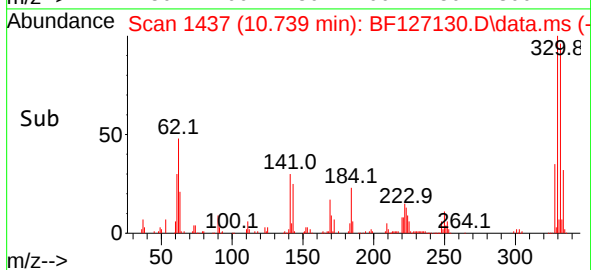
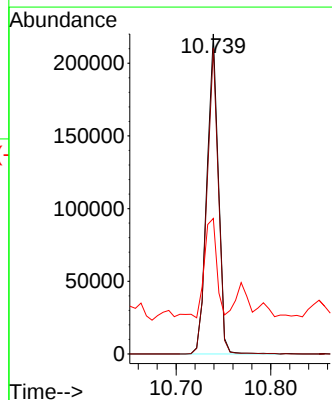
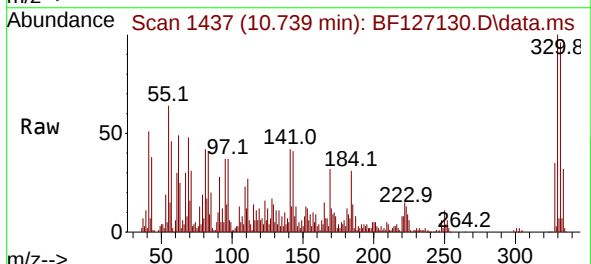
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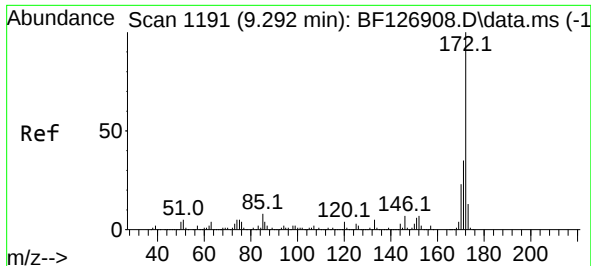
Tgt Ion:164 Resp: 150587
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 106.164 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:330 Resp: 184068
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 31.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 65.737 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF127130.D

Acq: 01 Mar 2022 21:54

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-19.0-19.5

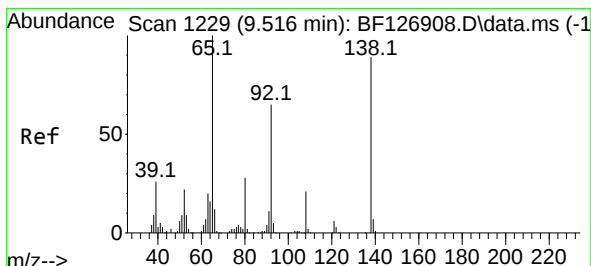
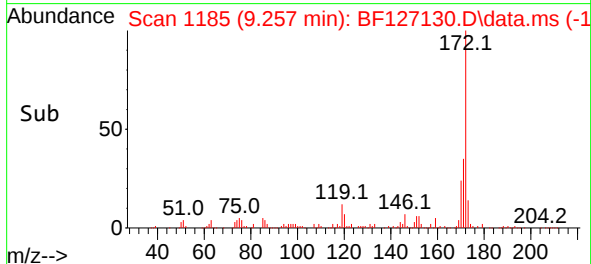
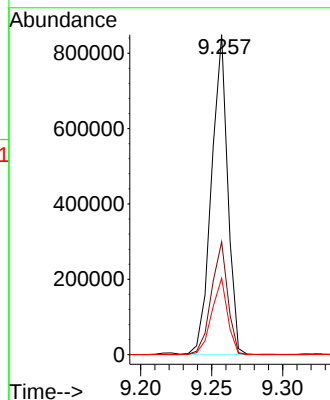
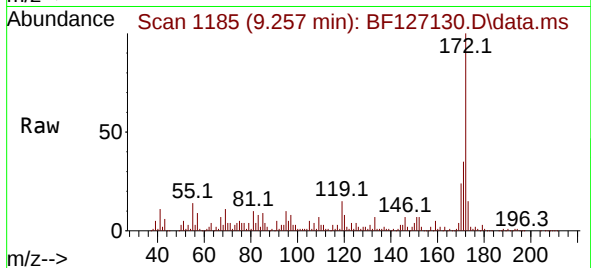
Tgt Ion:172 Resp: 672423

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.0 28.6



#48

2-Nitroaniline

Concen: 2.397 ng

RT: 9.492 min Scan# 1225

Delta R.T. 0.012 min

Lab File: BF127130.D

Acq: 01 Mar 2022 21:54

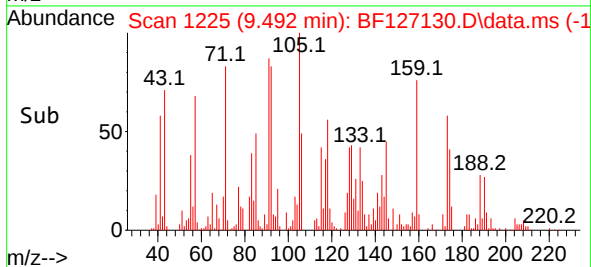
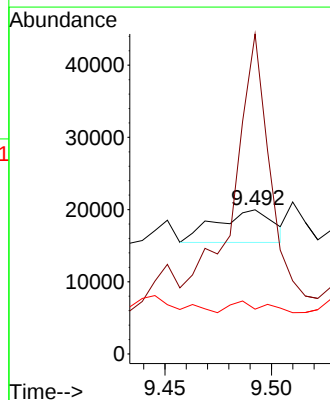
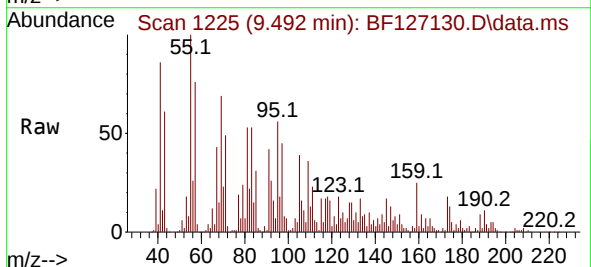
Tgt Ion: 65 Resp: 8370

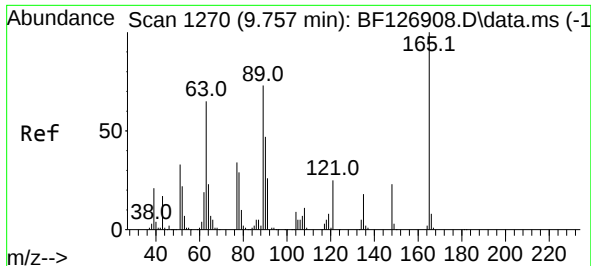
Ion Ratio Lower Upper

65 100

92 222.1 54.4 81.6#

138 31.1 72.5 108.7#





#51

2,6-Dinitrotoluene

Concen: 2.986 ng

RT: 9.739 min Scan# 1270

Delta R.T. 0.018 min

Lab File: BF127130.D

Acq: 01 Mar 2022 21:54

Instrument :

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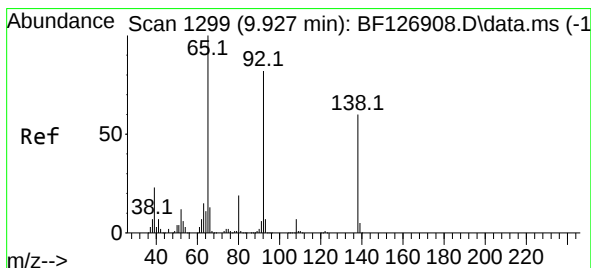
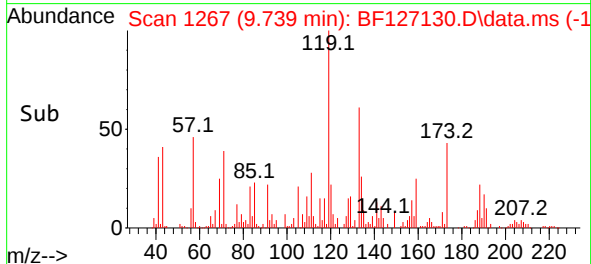
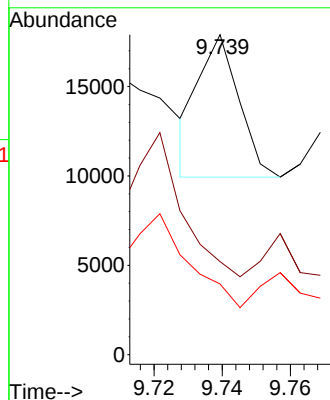
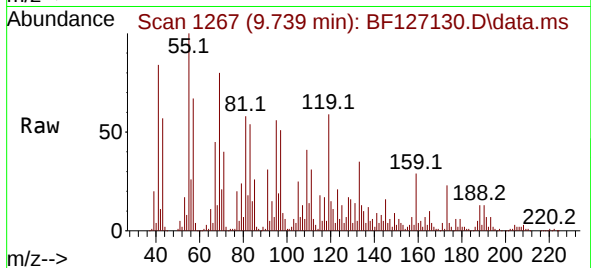
Tgt Ion:165 Resp: 6540

Ion Ratio Lower Upper

165 100

63 29.1 48.4 72.6#

89 22.1 50.5 75.7#



#53

3-Nitroaniline

Concen: 3.158 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF127130.D

Acq: 01 Mar 2022 21:54

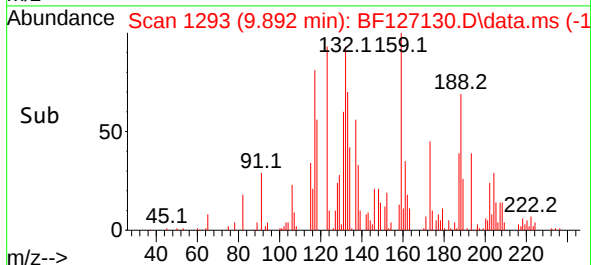
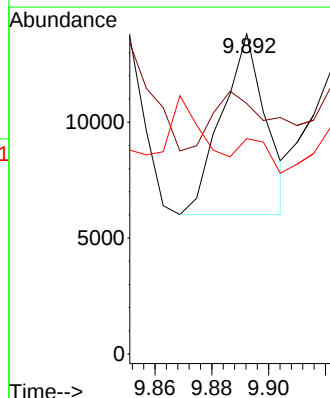
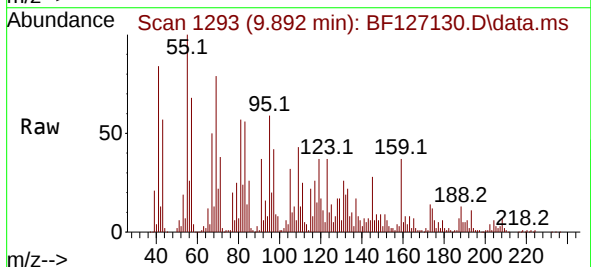
Tgt Ion:138 Resp: 8455

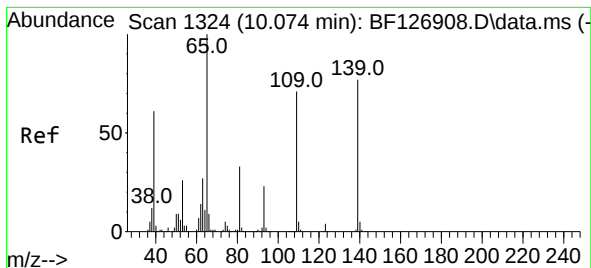
Ion Ratio Lower Upper

138 100

108 78.3 8.6 13.0#

92 67.3 105.0 157.6#

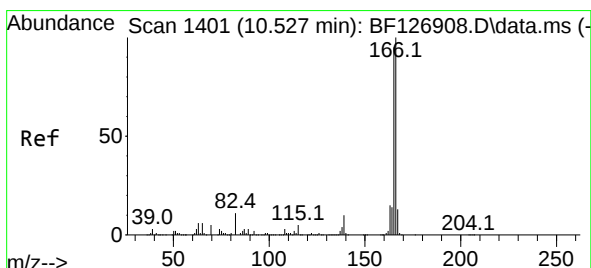
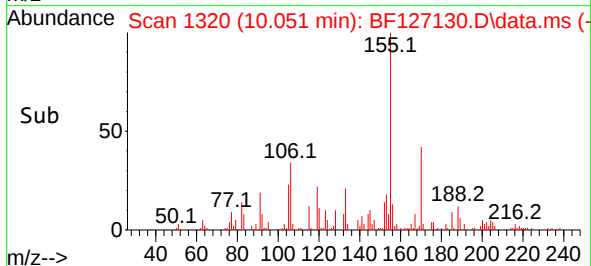
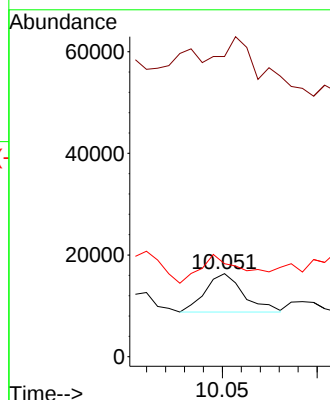
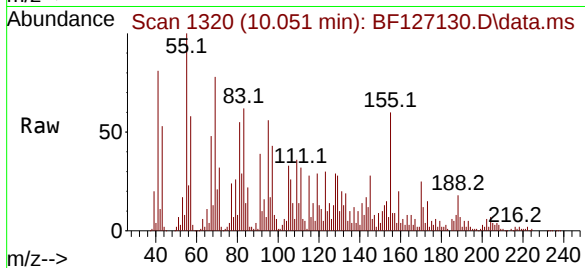




#56
4-Nitrophenol
Concen: 5.353 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

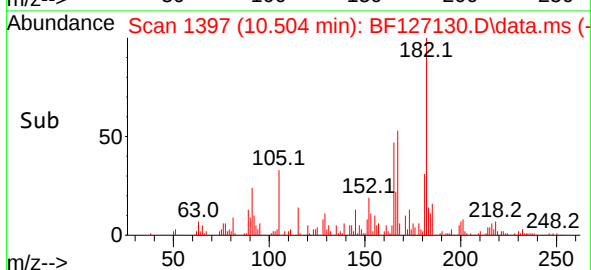
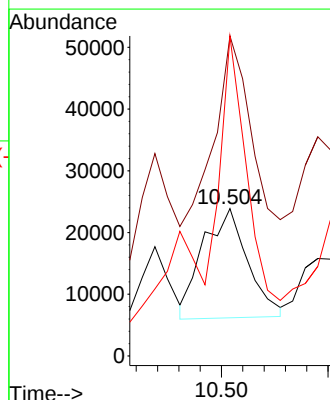
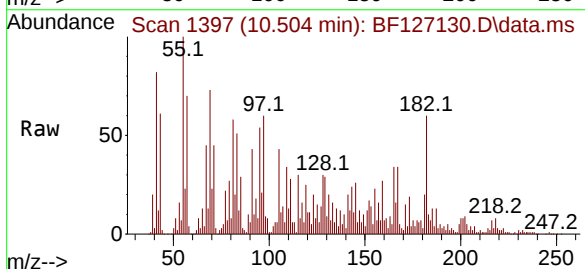
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

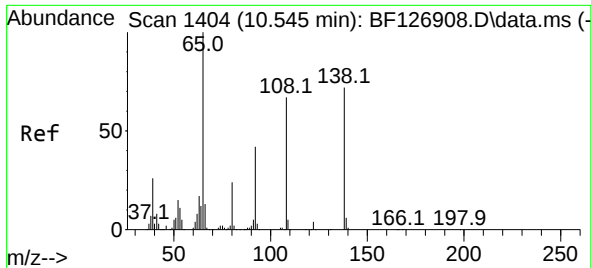
Tgt Ion:139 Resp: 10584
Ion Ratio Lower Upper
139 100
109 361.3 44.1 84.1#
65 111.8 85.5 125.5



#58
Fluorene
Concen: 2.595 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.018 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:166 Resp: 25977
Ion Ratio Lower Upper
166 100
165 217.0 77.7 116.5#
167 216.7 10.7 16.1#

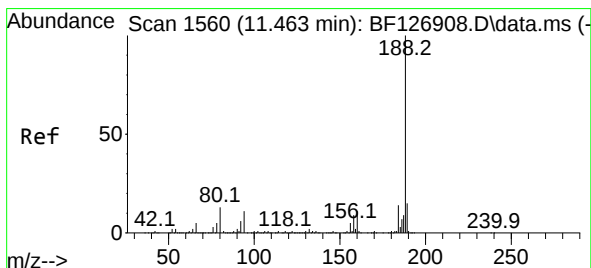
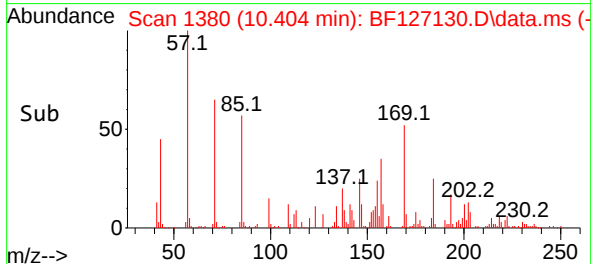
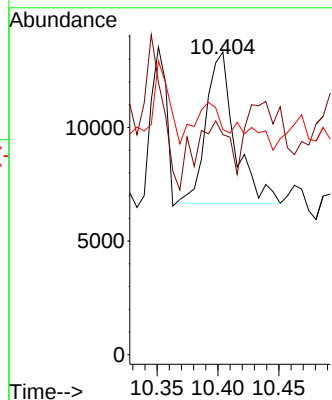
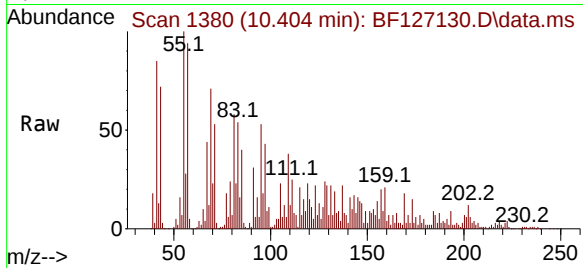




#62
4-Nitroaniline
Concen: 4.124 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

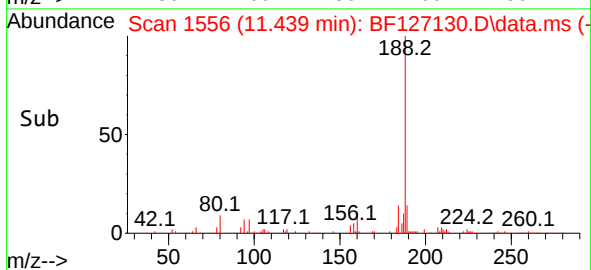
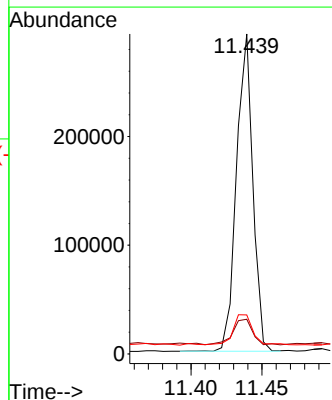
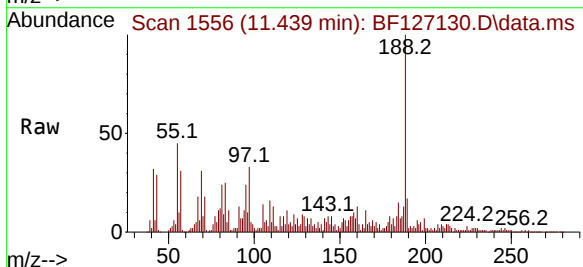
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

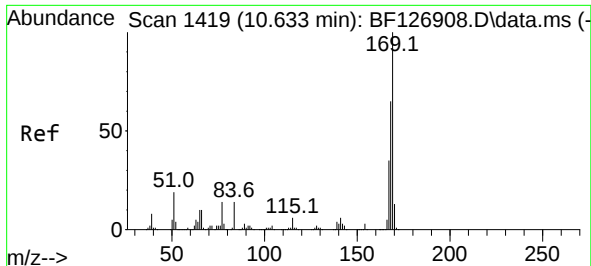
Tgt Ion:138 Resp: 10901
Ion Ratio Lower Upper
138 100
92 72.6 36.2 76.2
108 74.4 46.7 86.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

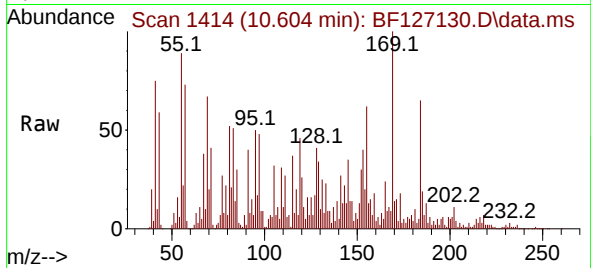
Tgt Ion:188 Resp: 233981
Ion Ratio Lower Upper
188 100
94 10.9 10.1 15.1
80 12.2 11.8 17.6



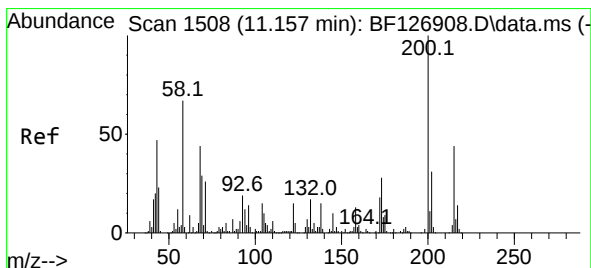
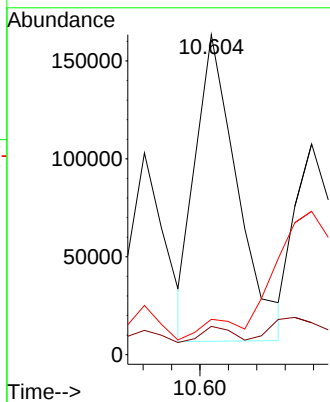
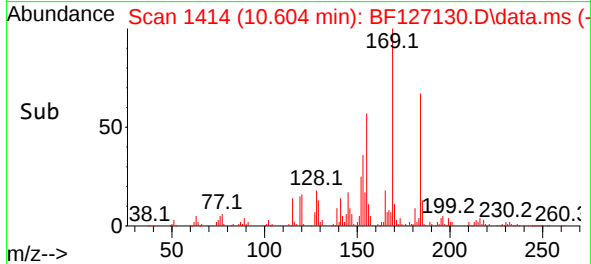


#66
n-Nitrosodiphenylamine
Concen: 20.893 ng
RT: 10.604 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

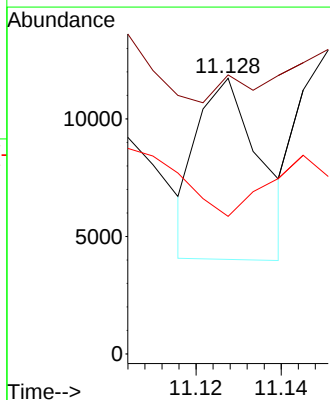
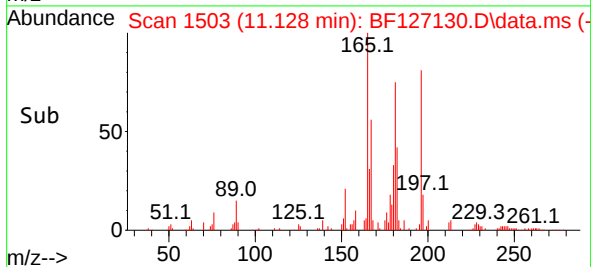
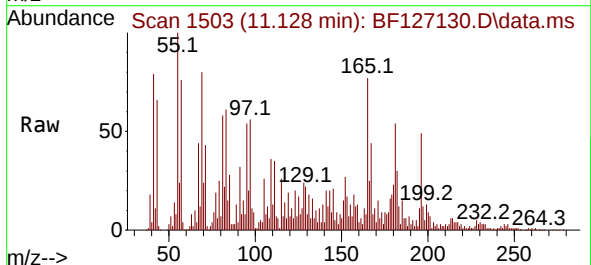


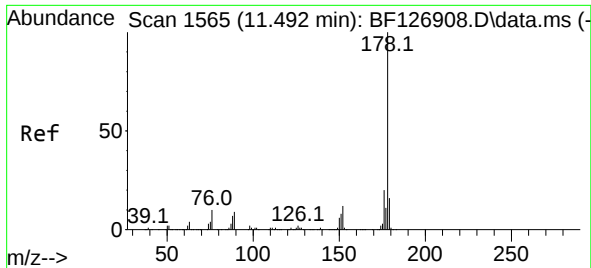
Tgt Ion:169 Resp: 160303
Ion Ratio Lower Upper
169 100
168 8.9 53.4 80.0#
167 11.1 29.4 44.0#



#69
Atrazine
Concen: 3.282 ng
RT: 11.128 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:200 Resp: 7810
Ion Ratio Lower Upper
200 100
173 101.2 9.2 49.2#
215 49.9 23.2 63.2

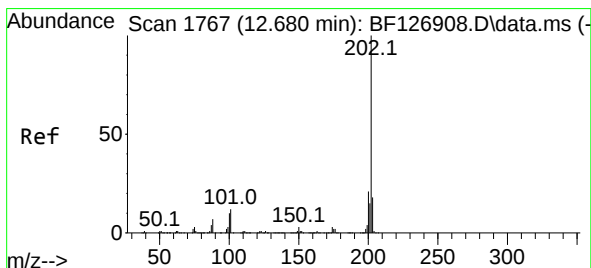
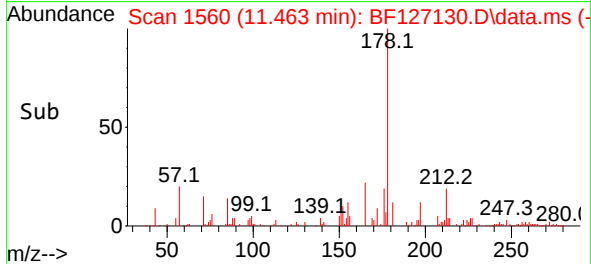
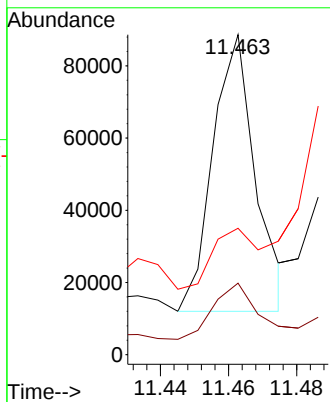
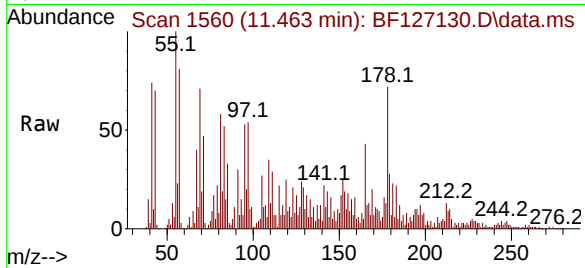




#71
Phenanthrene
Concen: 5.085 ng
RT: 11.463 min Scan# 11463
Delta R.T. 0.012 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

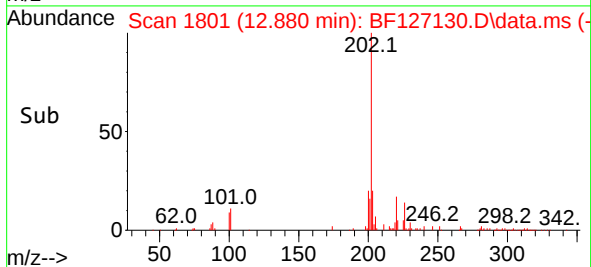
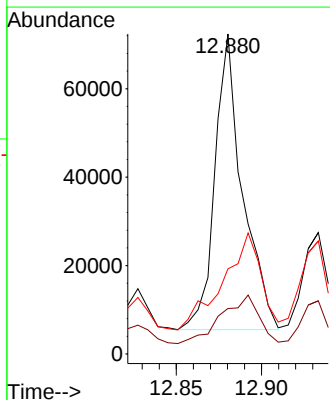
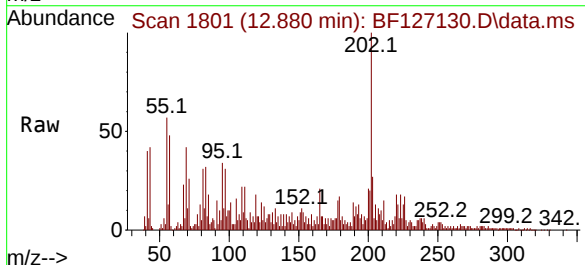
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

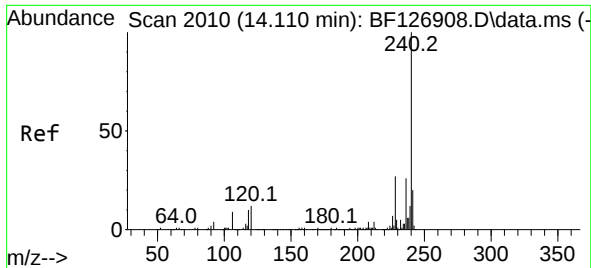
Tgt Ion:178 Resp: 66594
Ion Ratio Lower Upper
178 100
176 22.3 15.7 23.5
179 39.5 12.3 18.5#



#75
Fluoranthene
Concen: 6.088 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.235 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:202 Resp: 75701
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.7
203 26.6 0.0 37.1

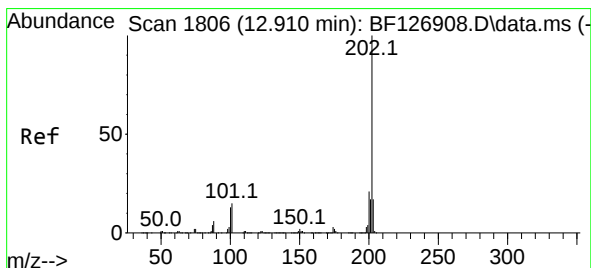
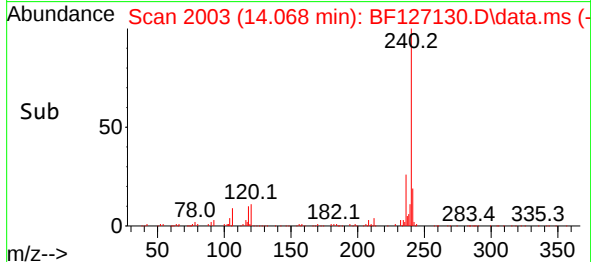
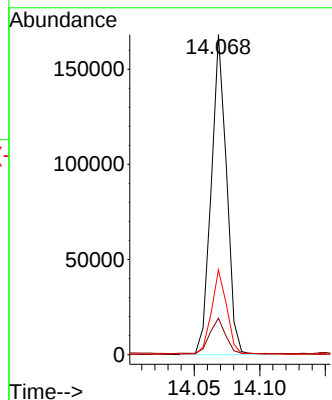
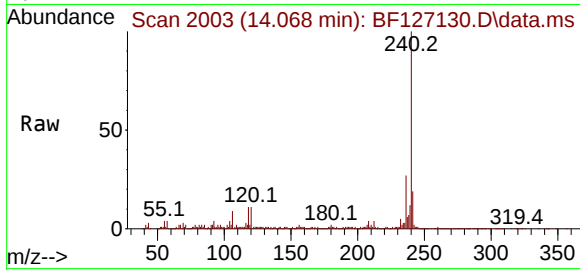




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

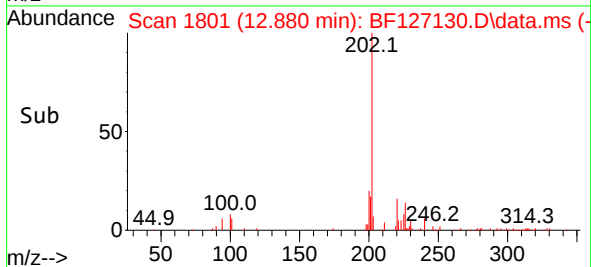
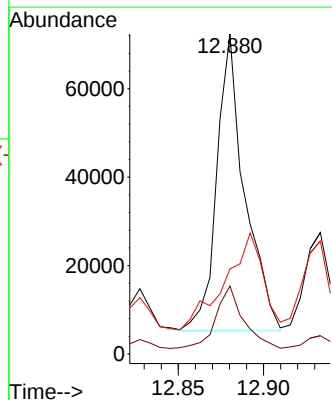
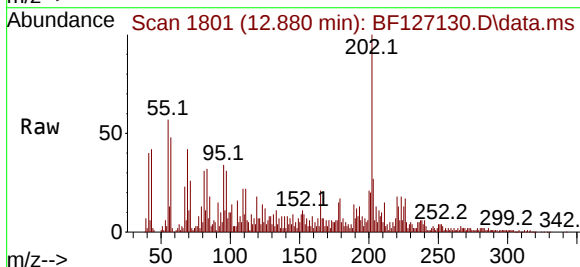
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

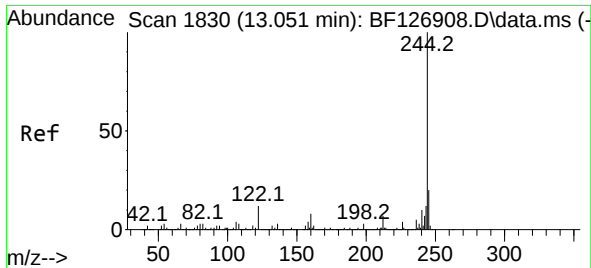
Tgt Ion:240 Resp: 137409
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 26.5 20.5 30.7



#78
Pyrene
Concen: 6.389 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF127130.D
Acq: 01 Mar 2022 21:54

Tgt Ion:202 Resp: 76272
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 26.6 13.8 20.8#

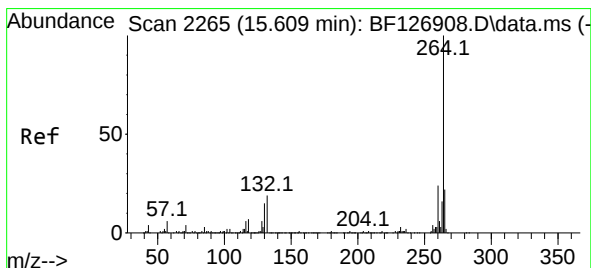
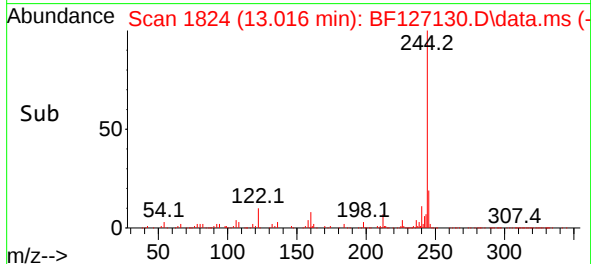
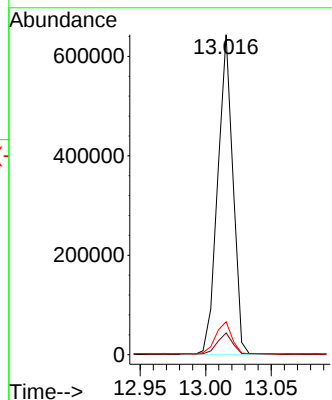
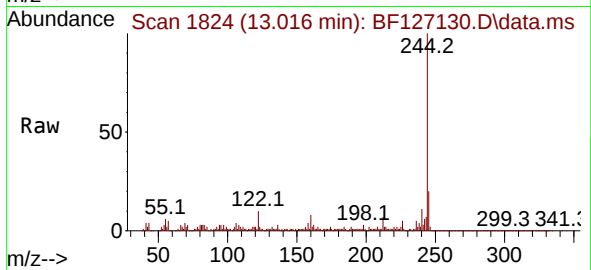




#79
 Terphenyl-d14
 Concen: 55.330 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127130.D
 Acq: 01 Mar 2022 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-19.0-19.5

Tgt Ion:244 Resp: 517183
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127130.D
 Acq: 01 Mar 2022 21:54

Tgt Ion:264 Resp: 171848
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.4 26.2

