

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127188.D
 Acq On : 03 Mar 2022 23:16
 Operator : CG\JU
 Sample : N1689-11DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP022522DL

Quant Time: Mar 04 02:15:36 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

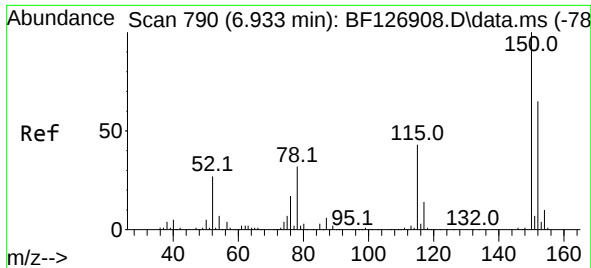
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	99033	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	366906	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	165068	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	240948	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	171865	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	144053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	155497	24.268	ng	0.00
7) Phenol-d6	6.522	99	146456	16.939	ng	0.00
23) Nitrobenzene-d5	7.457	82	301783	37.126	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	105953	55.749	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	483441	43.116	ng	0.00
79) Terphenyl-d14	13.010	244	391334	33.473	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	118383	22.494	ng	# 1
15) Benzyl Alcohol	6.951	79	122036	16.754	ng	# 7
18) Hexachloroethane	7.422	117	136472	47.354	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	41522	7.453	ng	# 79
22) Acetophenone	7.281	105	161404	16.708	ng	# 54
24) Nitrobenzene	7.457	77	22827	2.973	ng	# 1
25) Isophorone	7.457	82	299164	22.241	ng	# 69
27) 2,4-Dimethylphenol	7.828	122	72516	13.501	ng	95
31) Naphthalene	8.204	128	1633708	85.297	ng	99
32) Benzoic acid	7.939	122	11985	3.146	ng	# 87
33) 4-Chloroaniline	8.204	127	223849	29.693	ng	# 34
37) 2-Methylnaphthalene	8.886	142	435917	35.075	ng	98
38) 1-Methylnaphthalene	8.986	142	327303	27.502	ng	98
51) 2,6-Dinitrotoluene	9.933	165	21917	9.130	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	6716	2.495	ng	# 1

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

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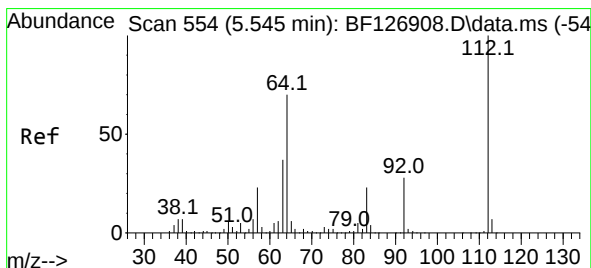
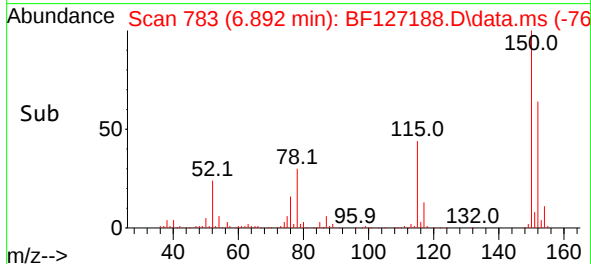
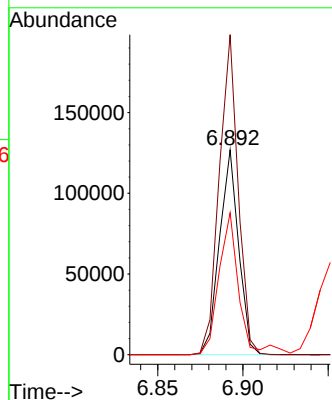
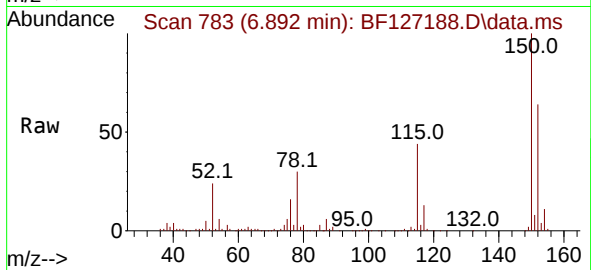




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127188.D
 Acq: 03 Mar 2022 23:16

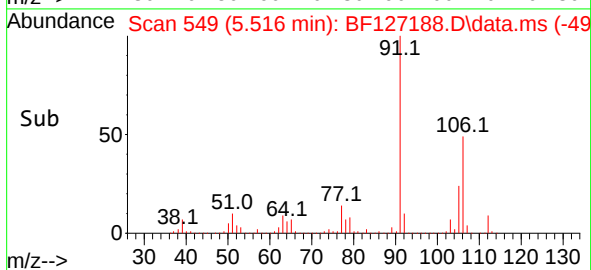
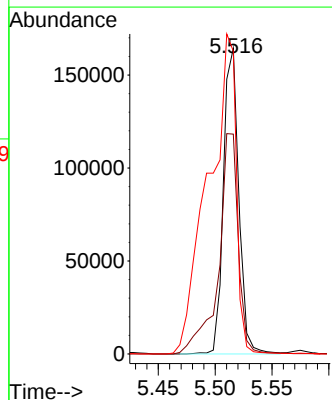
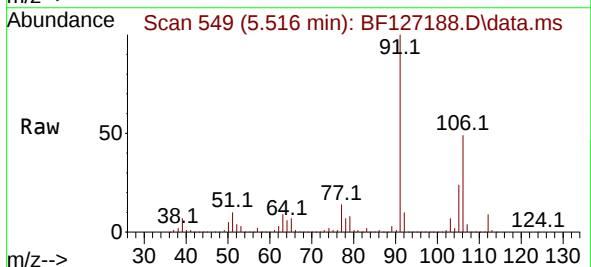
Instrument :
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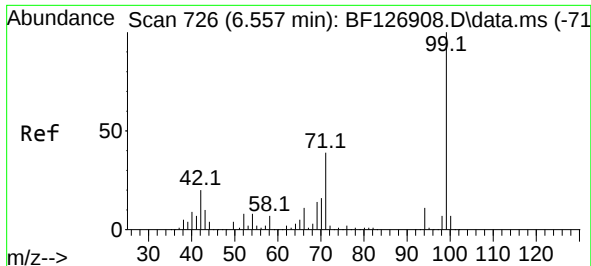
Tgt Ion:152 Resp: 99033
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.1 192.1
 115 69.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 24.268 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127188.D
 Acq: 03 Mar 2022 23:16

Tgt Ion:112 Resp: 155497
 Ion Ratio Lower Upper
 112 100
 64 71.9 49.5 74.3
 63 99.1 23.9 35.9#

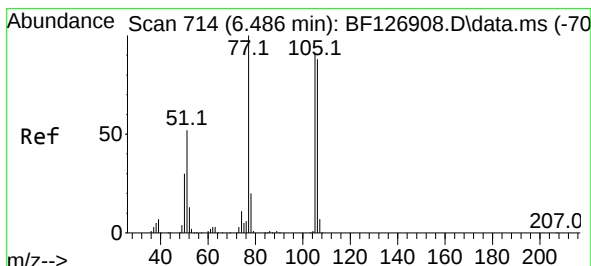
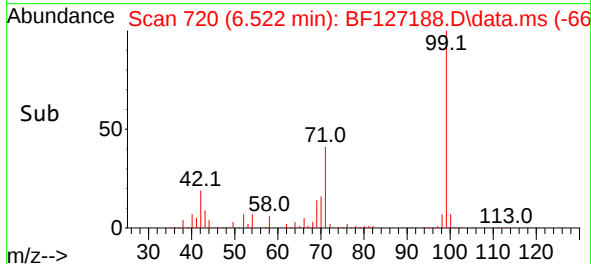
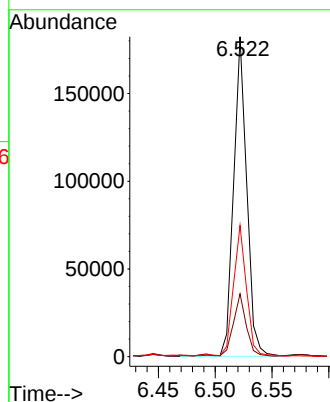
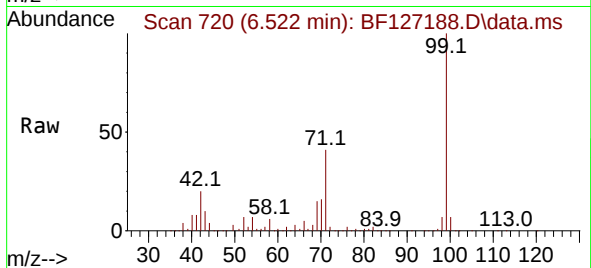




#7
Phenol-d6
Concen: 16.939 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

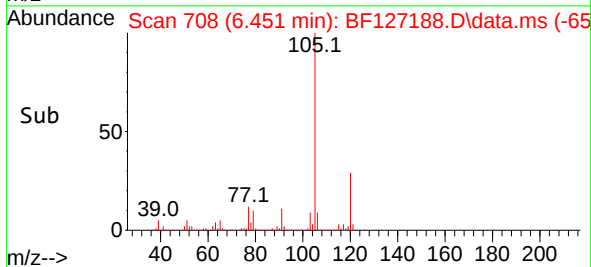
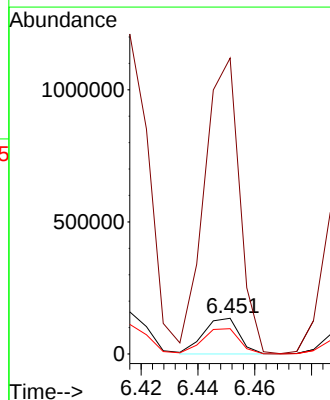
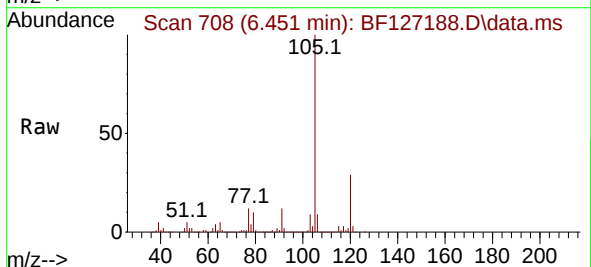
Instrument :
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ClientSampleId :
DUP022522DL

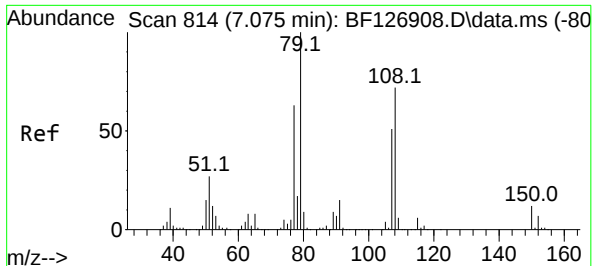
Tgt Ion: 99 Resp: 146456
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 41.0 24.3 36.5#



#9
Benzaldehyde
Concen: 22.494 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion: 77 Resp: 118383
Ion Ratio Lower Upper
77 100
105 827.2 74.9 114.9#
106 70.5 72.4 112.4#





#15

Benzyl Alcohol

Concen: 16.754 ng

RT: 6.951 min Scan# 79

Delta R.T. -0.082 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

Instrument :

BNA_F

ClientSampleId :

DUP022522DL

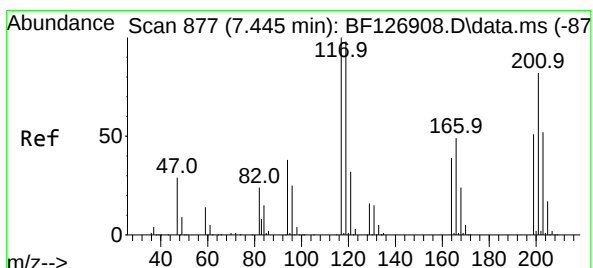
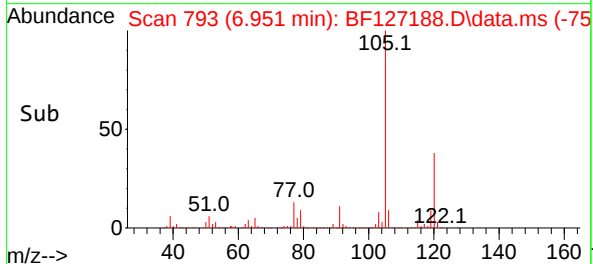
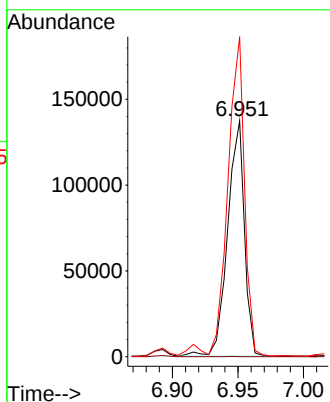
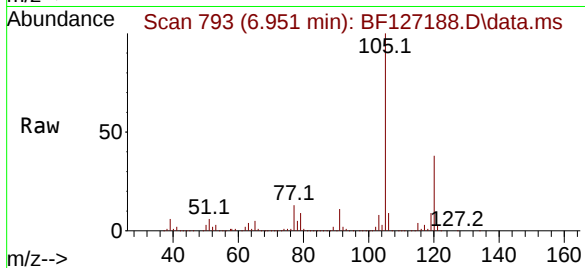
Tgt Ion: 79 Resp: 122036

Ion Ratio Lower Upper

79 100

108 0.0 63.2 94.8#

77 135.7 49.4 74.2#



#18

Hexachloroethane

Concen: 47.354 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.018 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

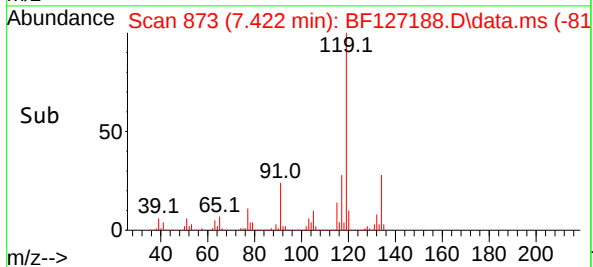
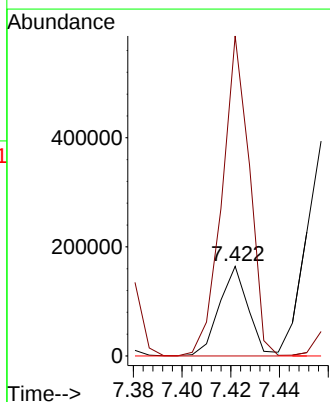
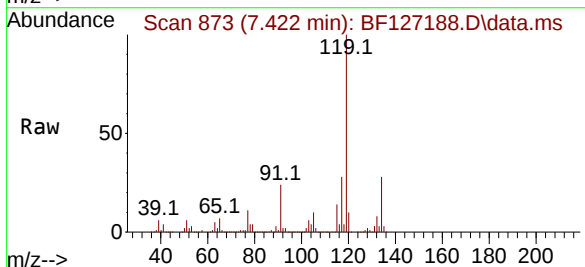
Tgt Ion: 117 Resp: 136472

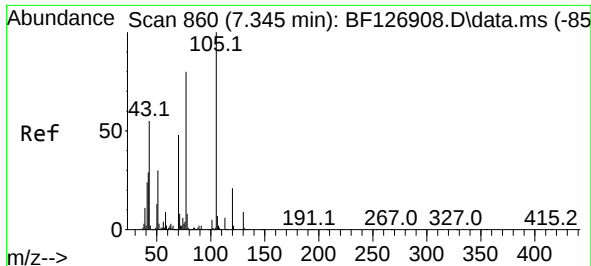
Ion Ratio Lower Upper

117 100

119 357.1 75.4 113.0#

201 0.0 56.8 85.2#

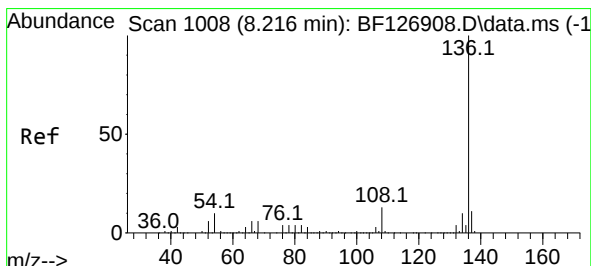
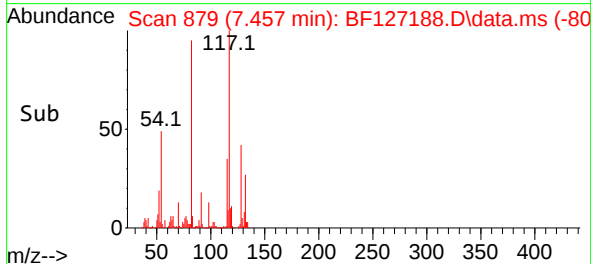
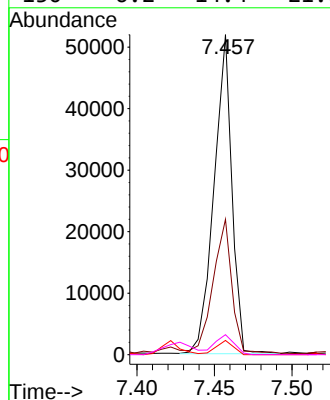
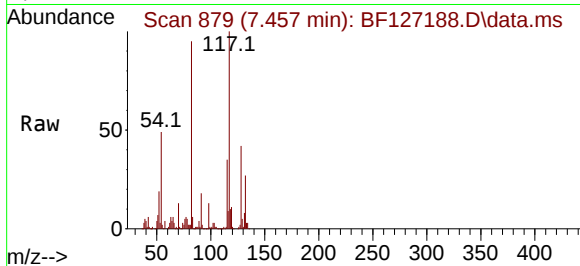




#19
n-Nitroso-di-n-propylamine
Concen: 7.453 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

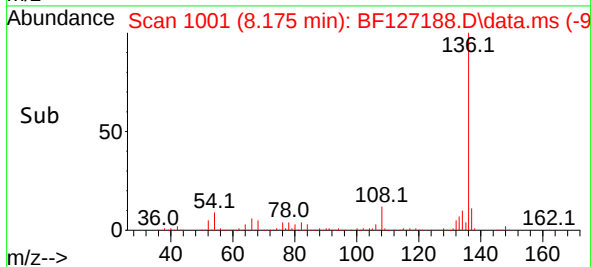
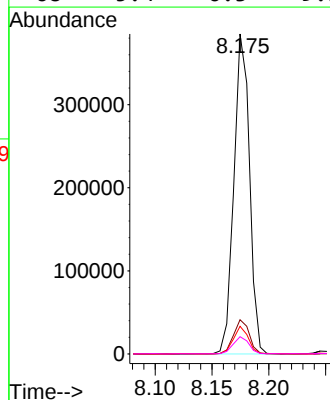
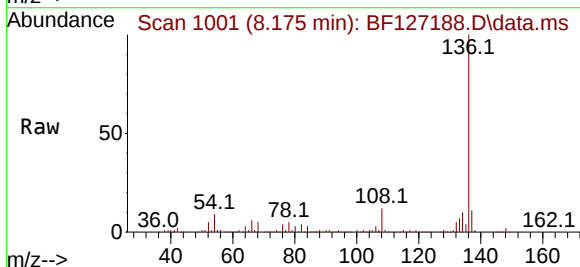
Instrument :
BNA_F
ClientSampleId :
DUP022522DL

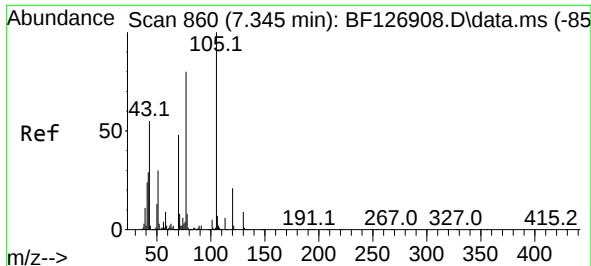
Tgt Ion: 70 Resp: 41522
Ion Ratio Lower Upper
70 100
42 42.3 45.8 68.8#
101 4.5 6.9 10.3#
130 6.2 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion:136 Resp: 366906
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.8 11.6
68 5.4 6.3 9.5#

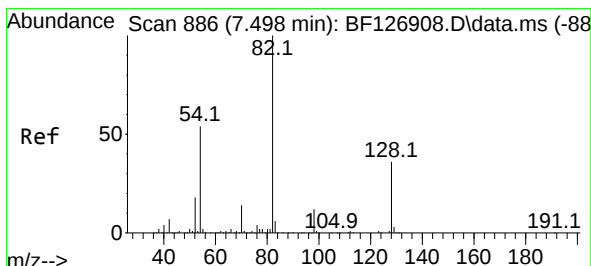
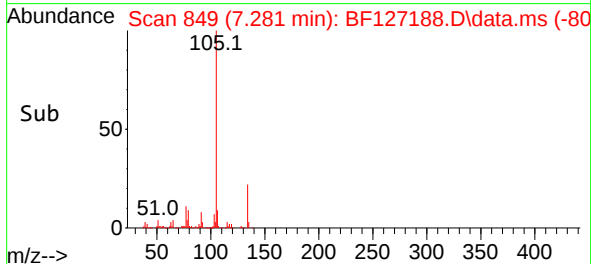
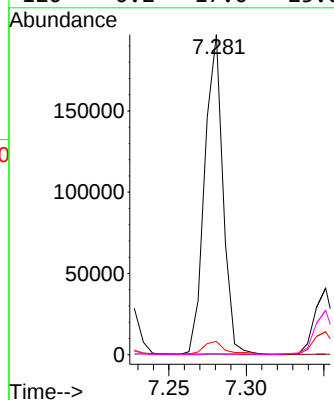
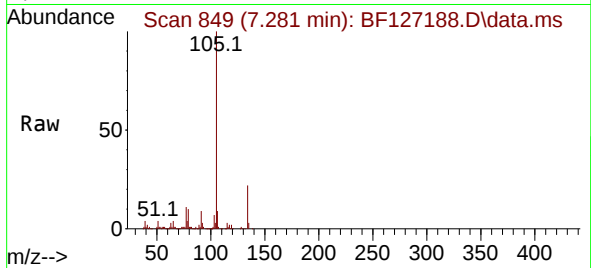




#22
Acetophenone
Concen: 16.708 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

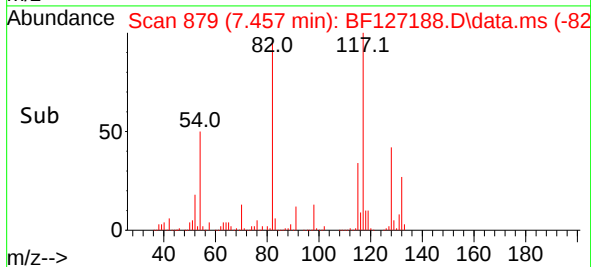
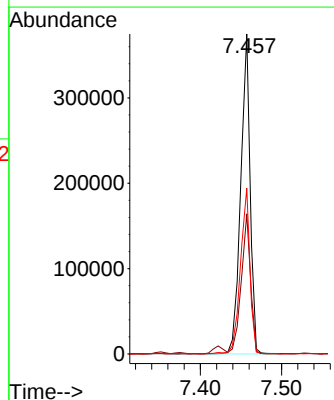
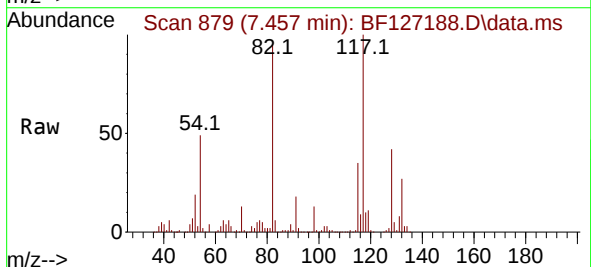
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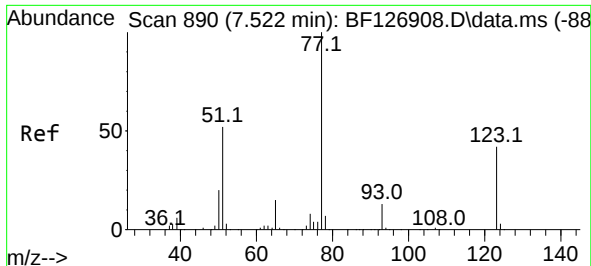
Tgt Ion:105 Resp: 161404
Ion Ratio Lower Upper
105 100
71 0.2 5.4 8.0#
51 4.2 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 37.126 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion: 82 Resp: 301783
Ion Ratio Lower Upper
82 100
128 43.8 32.7 49.1
54 51.8 41.7 62.5

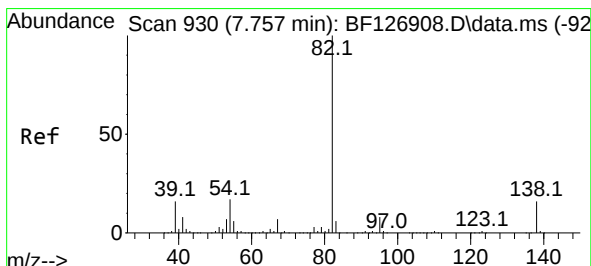
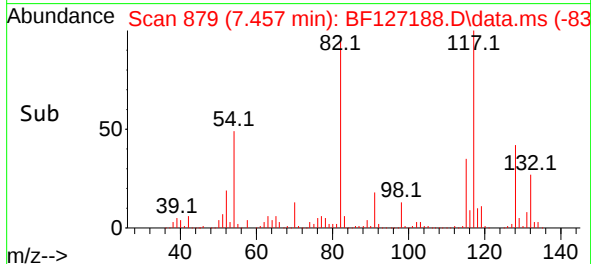
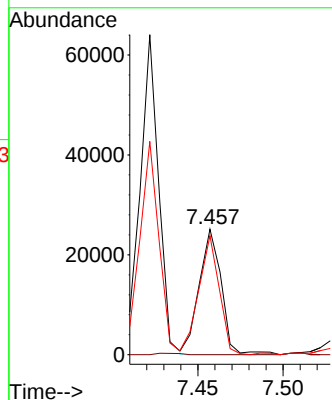
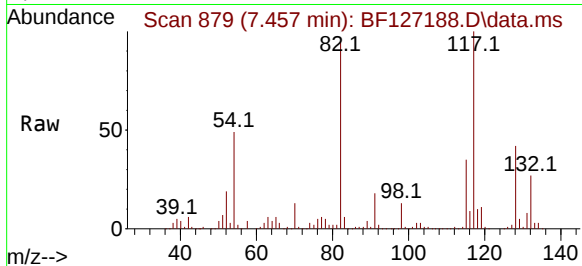




#24
Nitrobenzene
Concen: 2.973 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

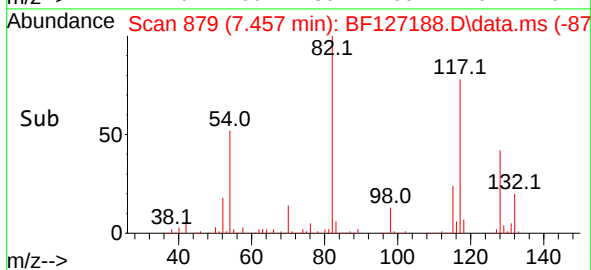
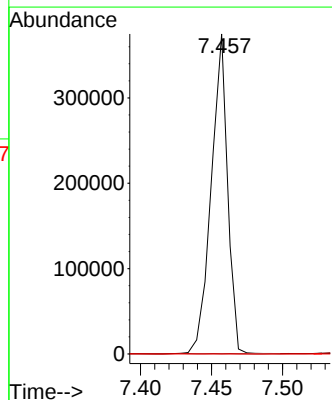
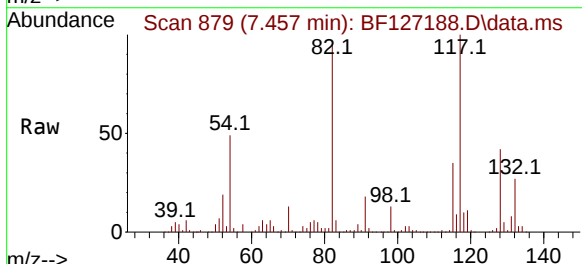
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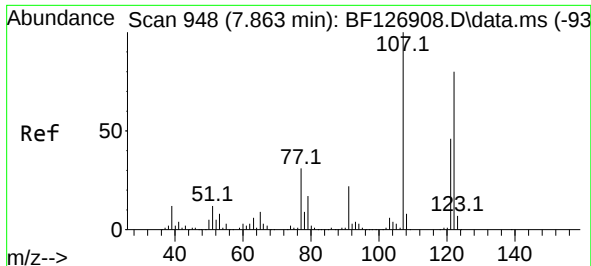
Tgt Ion: 77 Resp: 22827
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 94.9 10.6 15.8#



#25
Isophorone
Concen: 22.241 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.259 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion: 82 Resp: 299164
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#

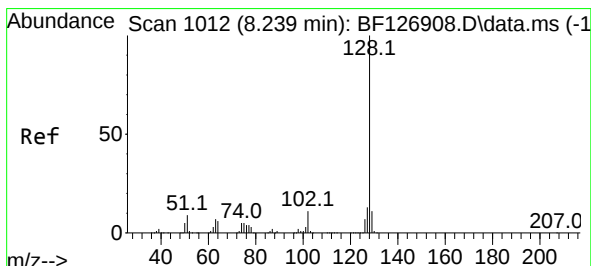
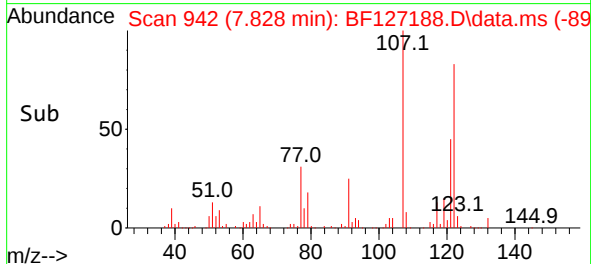
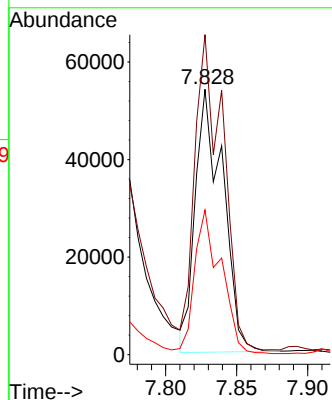
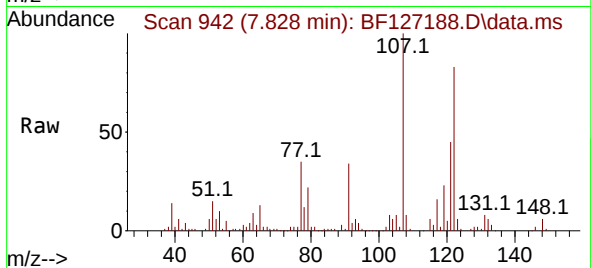




#27
2,4-Dimethylphenol
Concen: 13.501 ng
RT: 7.828 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

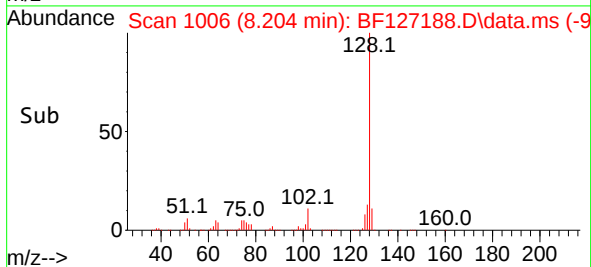
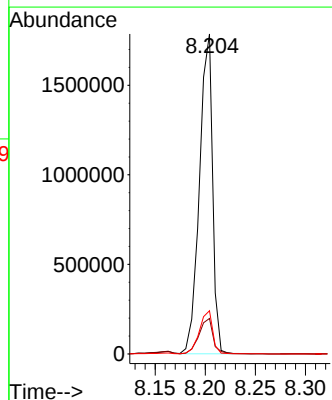
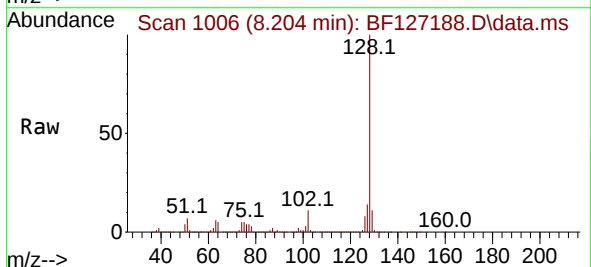
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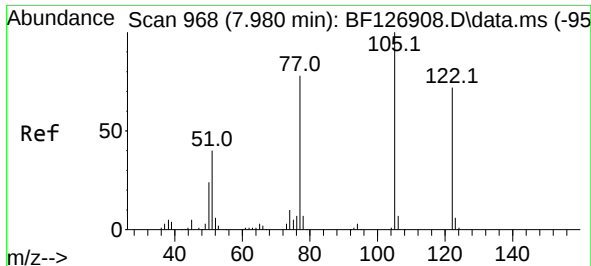
Tgt Ion:122 Resp: 72516
Ion Ratio Lower Upper
122 100
107 120.6 91.2 136.8
121 54.5 44.4 66.6



#31
Naphthalene
Concen: 85.297 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion:128 Resp: 1633708
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.3 15.5

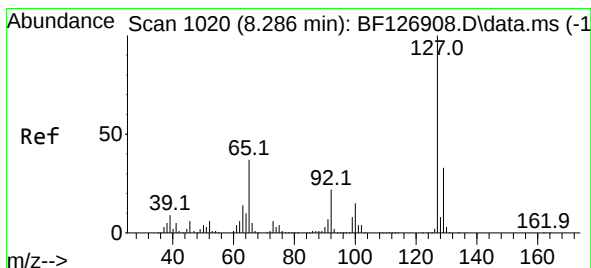
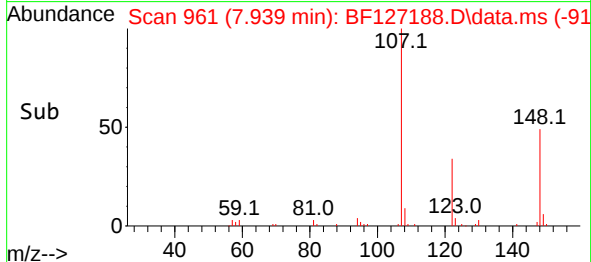
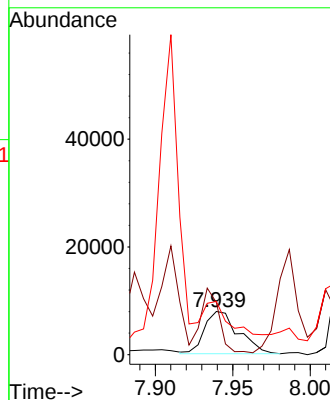
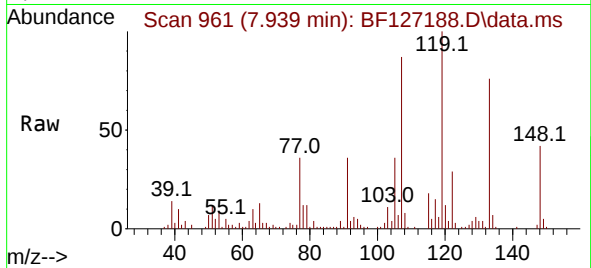




#32
Benzoic acid
Concen: 3.146 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

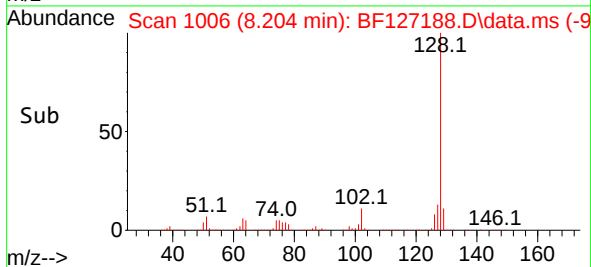
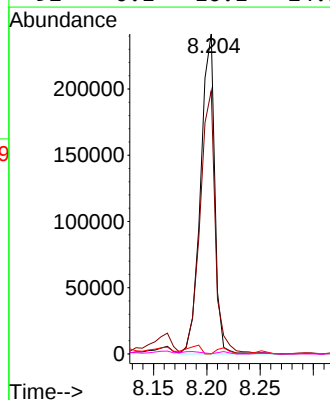
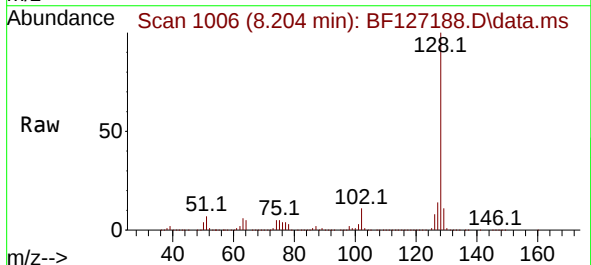
Instrument :
BNA_F
ClientSampleId :
DUP022522DL

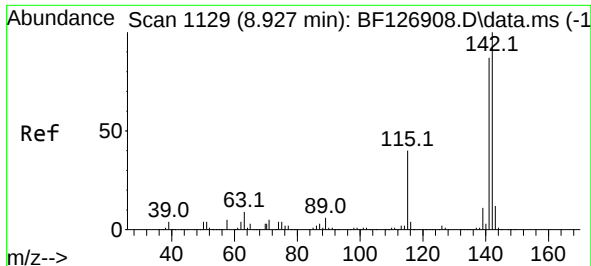
Tgt Ion:122 Resp: 11985
Ion Ratio Lower Upper
122 100
105 121.0 101.0 141.0
77 123.3 74.5 114.5#



#33
4-Chloroaniline
Concen: 29.693 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion:127 Resp: 223849
Ion Ratio Lower Upper
127 100
129 82.2 26.5 39.7#
65 0.0 26.6 39.8#
92 0.1 16.1 24.1#

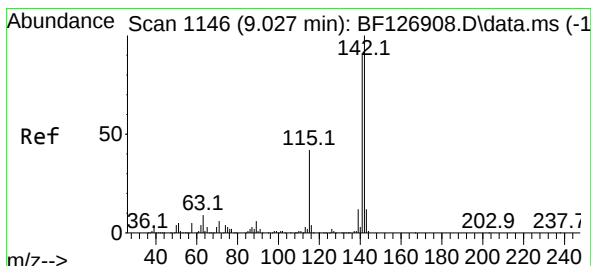
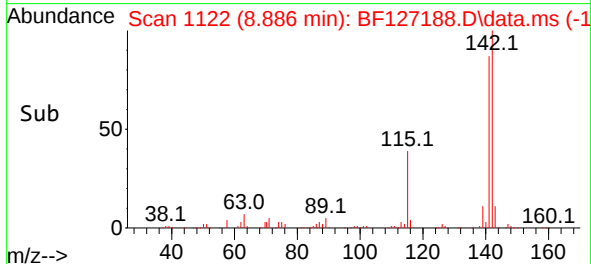
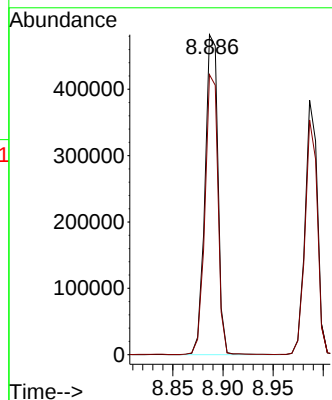
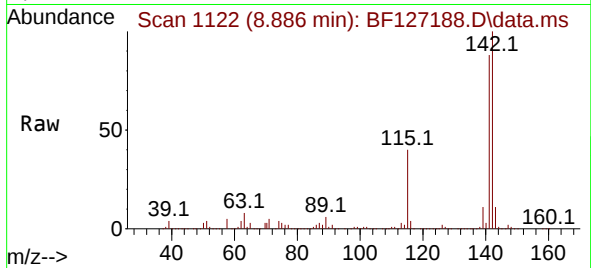




#37
2-Methylnaphthalene
Concen: 35.075 ng
RT: 8.886 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

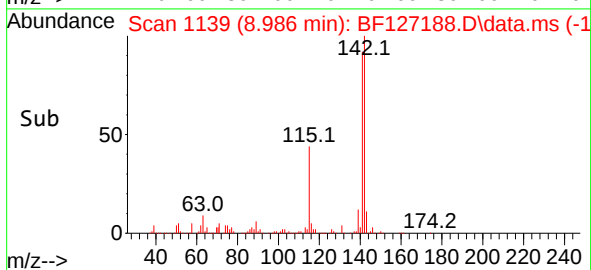
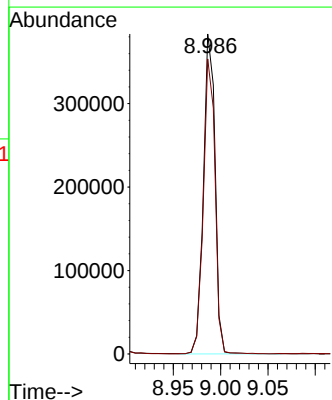
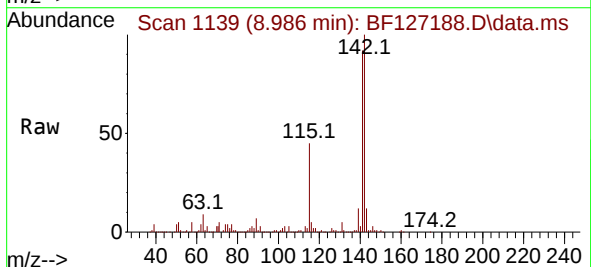
Instrument :
BNA_F
ClientSampleId :
DUP022522DL

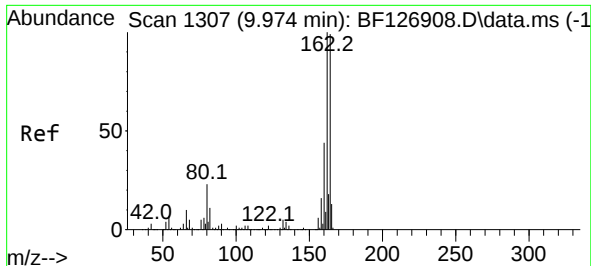
Tgt Ion:142 Resp: 435917
Ion Ratio Lower Upper
142 100
141 87.5 68.6 102.8



#38
1-Methylnaphthalene
Concen: 27.502 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion:142 Resp: 327303
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1

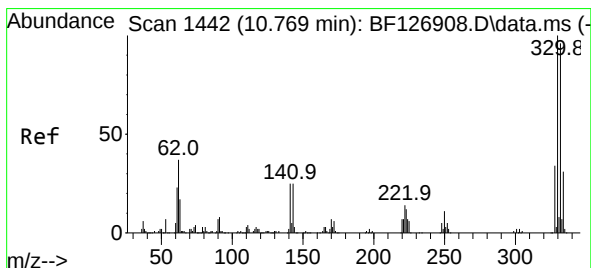
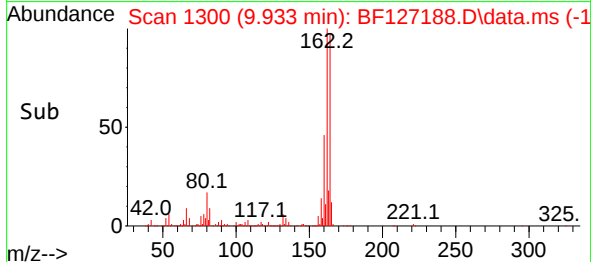
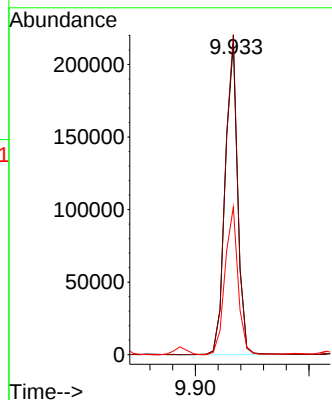
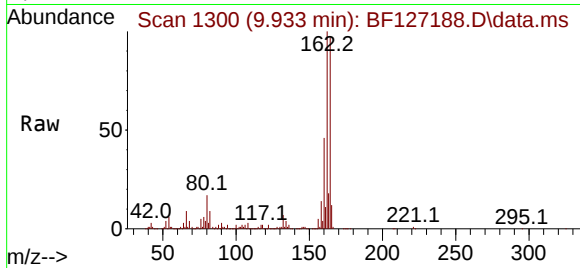




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

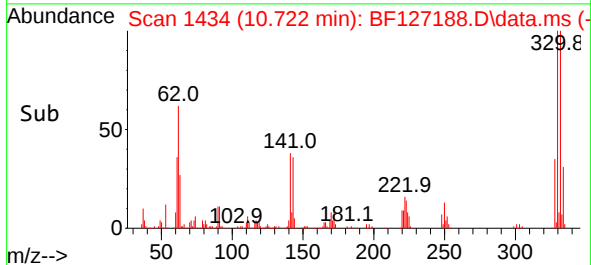
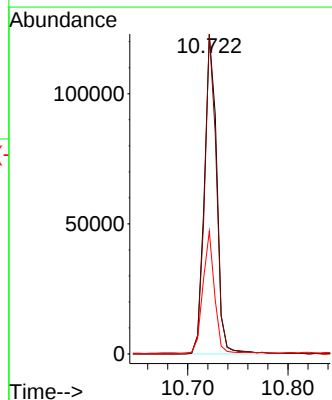
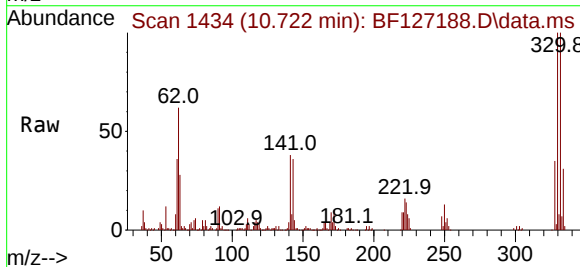
Instrument :
BNA_F
ClientSampleId :
DUP022522DL

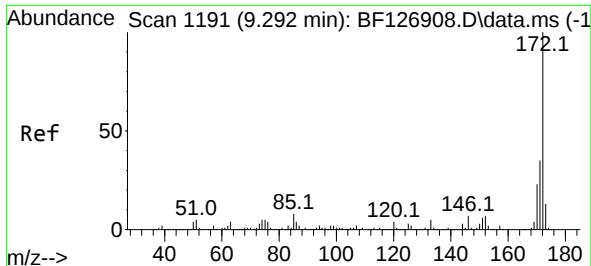
Tgt Ion:164 Resp: 165068
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 47.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 55.749 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Tgt Ion:330 Resp: 105953
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 35.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 43.116 ng

RT: 9.251 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

Instrument :

BNA_F

ClientSampleId :

DUP022522DL

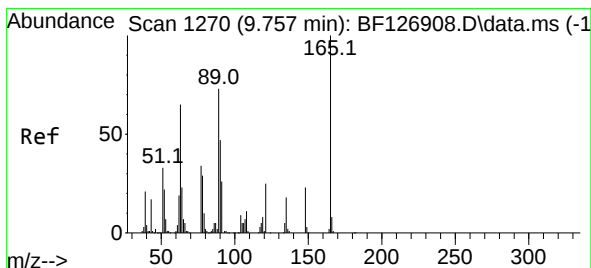
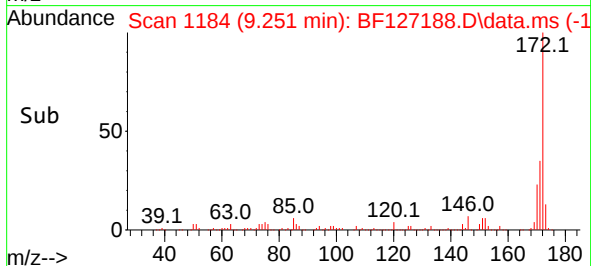
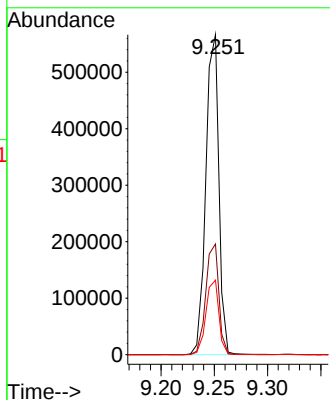
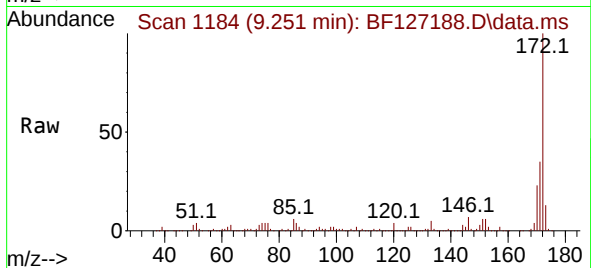
Tgt Ion:172 Resp: 483441

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.130 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.212 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

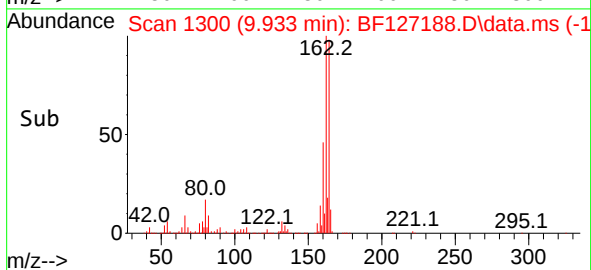
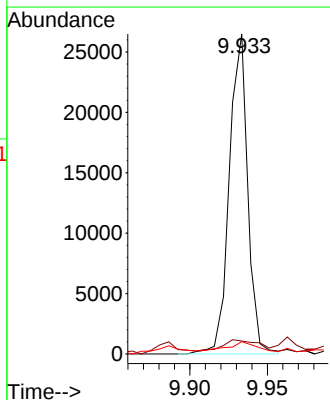
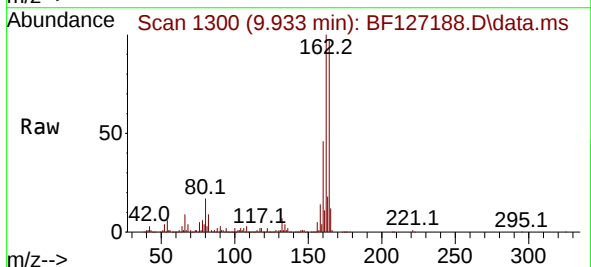
Tgt Ion:165 Resp: 21917

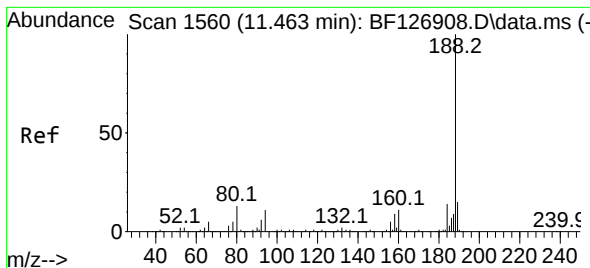
Ion Ratio Lower Upper

165 100

63 4.0 48.4 72.6#

89 3.8 50.5 75.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

Instrument :

BNA_F

ClientSampleId :

DUP022522DL

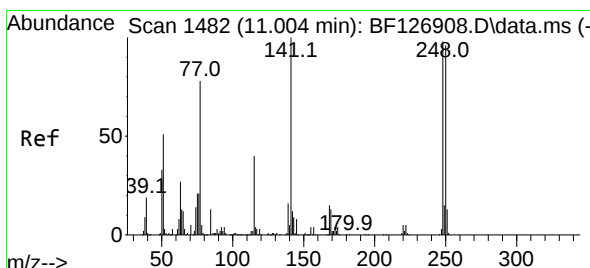
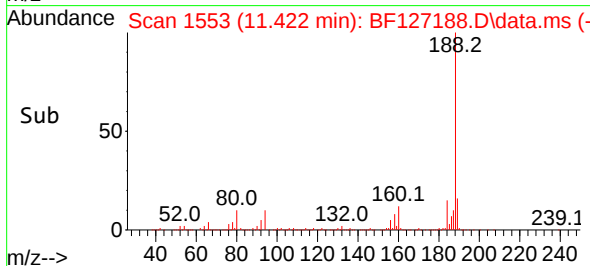
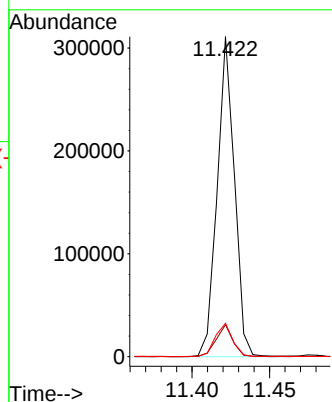
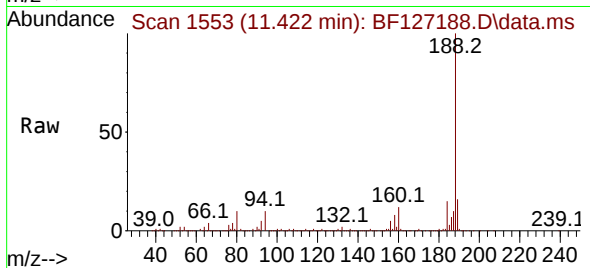
Tgt Ion:188 Resp: 240948

Ion Ratio Lower Upper

188 100

94 10.0 10.1 15.1#

80 10.5 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 2.495 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

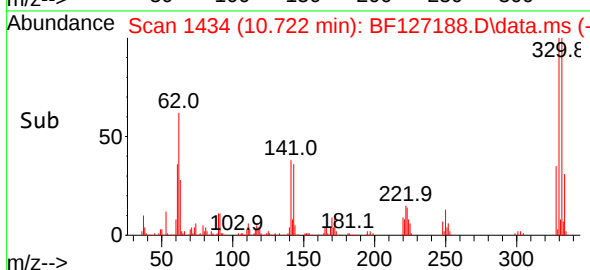
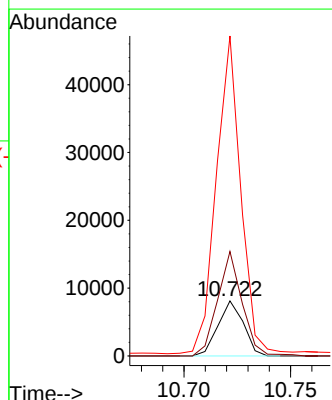
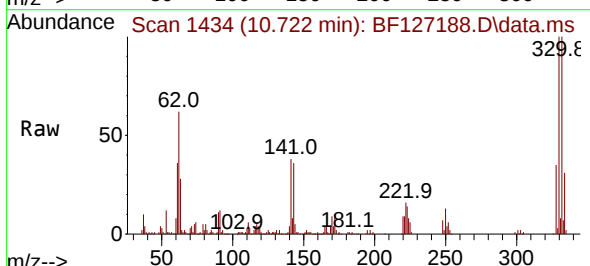
Tgt Ion:248 Resp: 6716

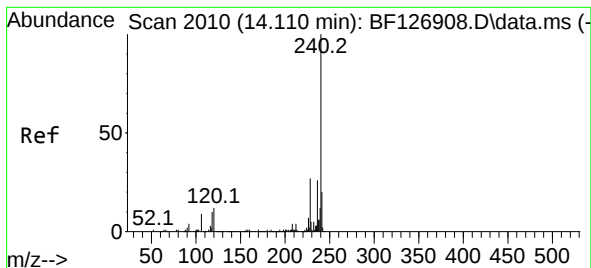
Ion Ratio Lower Upper

248 100

250 189.9 76.2 114.4#

141 581.3 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

Instrument :

BNA_F

ClientSampleId :

DUP022522DL

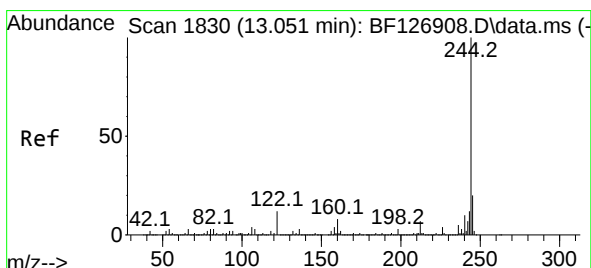
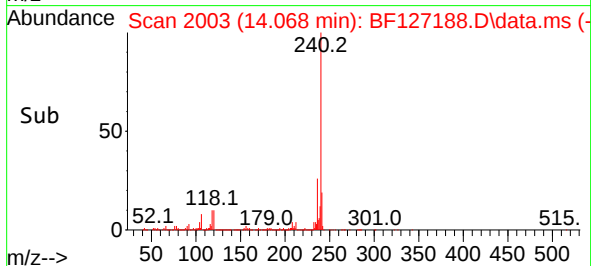
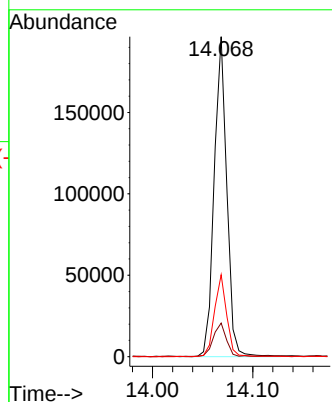
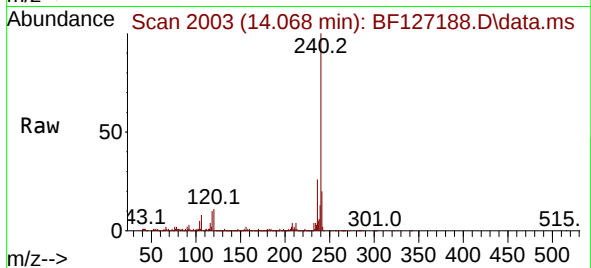
Tgt Ion:240 Resp: 171865

Ion Ratio Lower Upper

240 100

120 10.5 14.4 21.6#

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 33.473 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127188.D

Acq: 03 Mar 2022 23:16

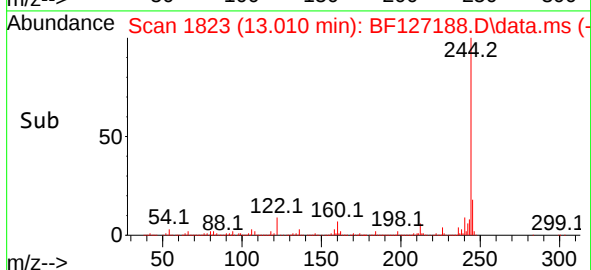
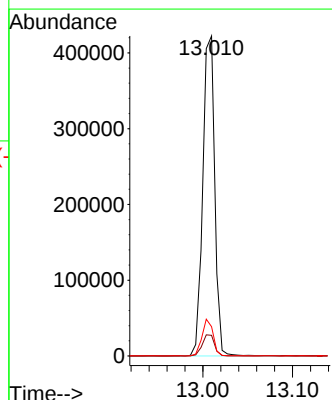
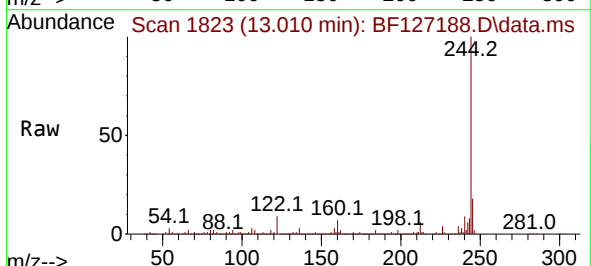
Tgt Ion:244 Resp: 391334

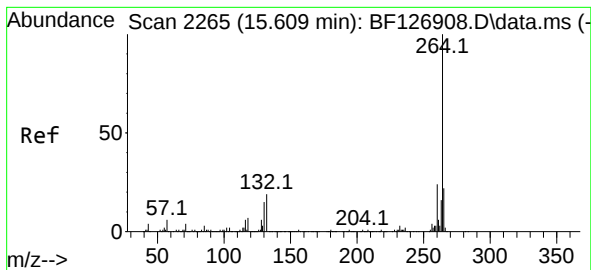
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 9.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127188.D
Acq: 03 Mar 2022 23:16

Instrument :
BNA_F
ClientSampleId :
DUP022522DL

Tgt Ion:264 Resp: 144053

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.4	26.2

