

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127042.D
 Acq On : 23 Feb 2022 16:33
 Operator : CG\JU
 Sample : N1626-14RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

Quant Time: Feb 24 02:16:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	71264	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	268681	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	109110	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	170463	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	101586	20.000	ng	# 0.04
86) Perylene-d12	15.663	264	72580	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	405046	87.846	ng	0.00
7) Phenol-d6	6.534	99	535709	86.104	ng	0.00
23) Nitrobenzene-d5	7.469	82	369011	61.992	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	99959	79.569	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	534799	72.157	ng	0.00
79) Terphenyl-d14	13.039	244	479188	69.343	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	52820	13.175	ng	# 80
25) Isophorone	7.469	82	366669	37.226	ng	# 69
46) 1,1'-Biphenyl	9.363	154	109707	12.691	ng	98
71) Phenanthrene	11.463	178	19477	2.041	ng	# 88
74) Di-n-butylphthalate	11.998	149	22708	2.028	ng	# 72
82) 3,3'-Dichlorobenzidine	14.074	252	6562	3.040	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.086	149	45482	8.291	ng	# 68
85) Di-n-octyl phthalate	14.739	149	29220	3.700	ng	# 70

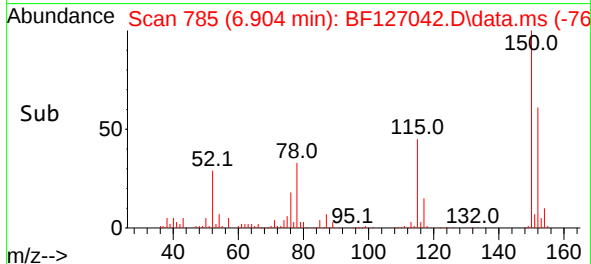
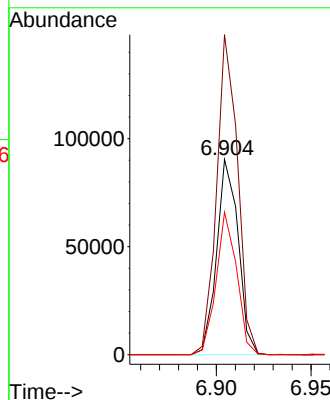
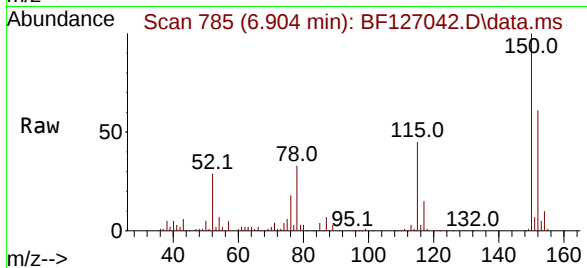
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

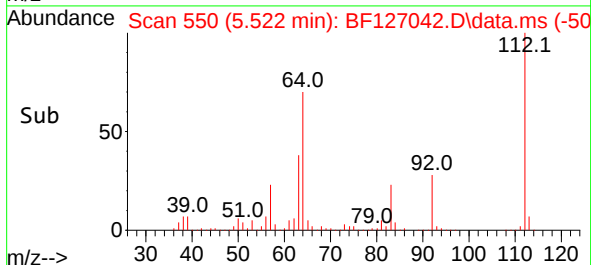
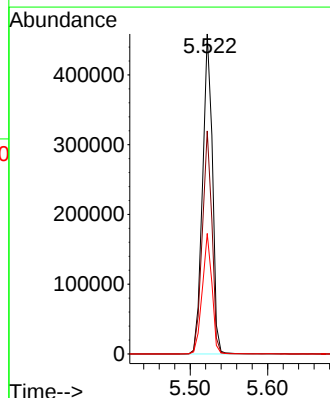
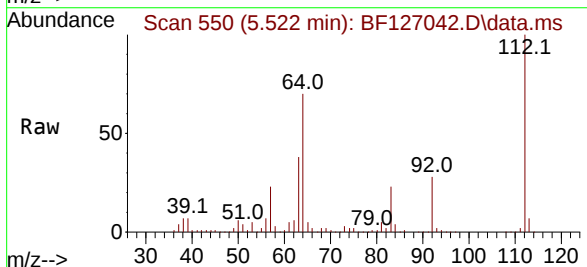
Instrument :
BNA_F
ClientSampleId :
CC-B7

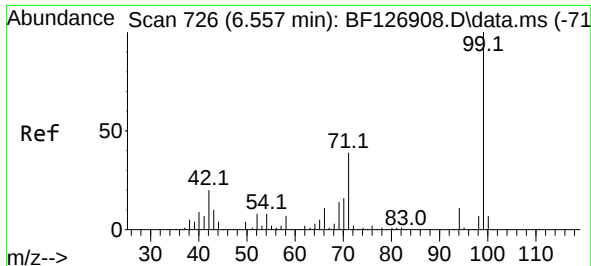
Tgt Ion:152 Resp: 71264
Ion Ratio Lower Upper
152 100
150 163.9 128.1 192.1
115 73.0 56.7 85.1



#5
2-Fluorophenol
Concen: 87.846 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:112 Resp: 405046
Ion Ratio Lower Upper
112 100
64 69.7 49.5 74.3
63 37.7 23.9 35.9#

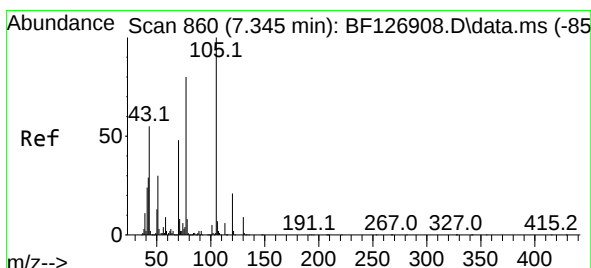
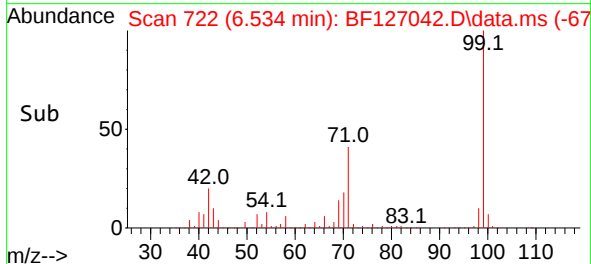
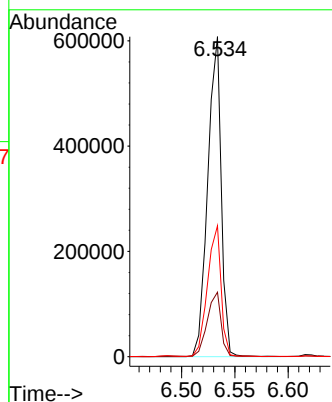
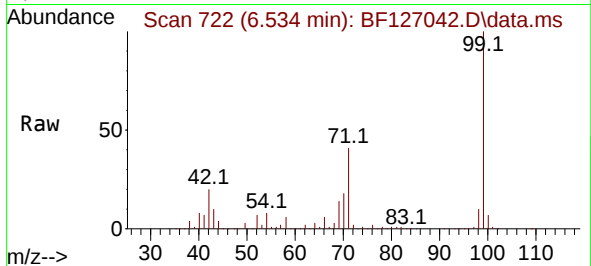




#7
Phenol-d6
Concen: 86.104 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

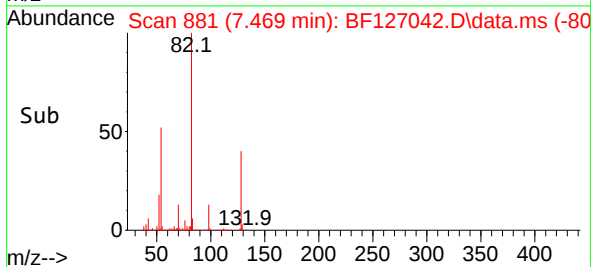
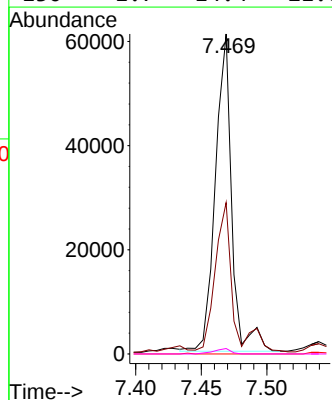
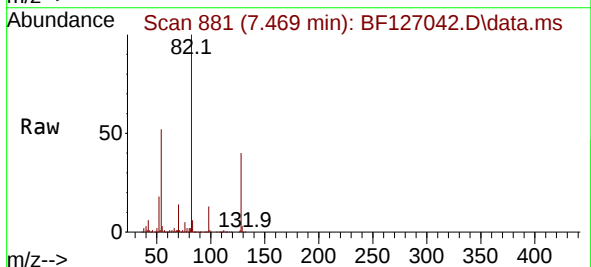
Instrument :
BNA_F
ClientSampleId :
CC-B7

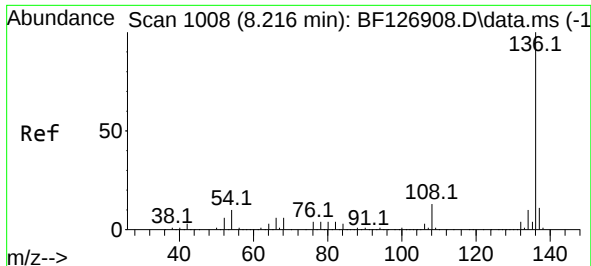
Tgt Ion: 99 Resp: 535709
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 40.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.175 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.147 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion: 70 Resp: 52820
Ion Ratio Lower Upper
70 100
42 47.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

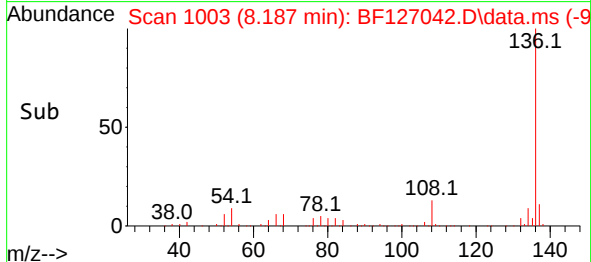
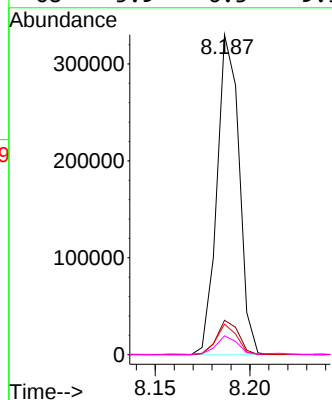
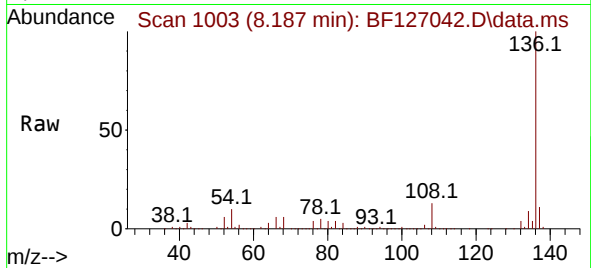




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

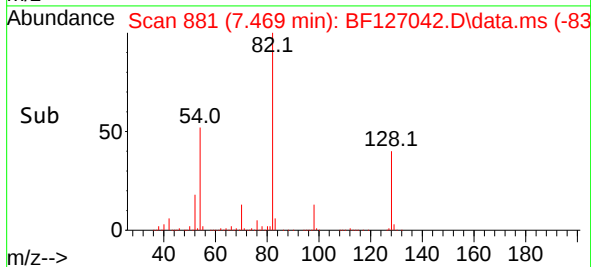
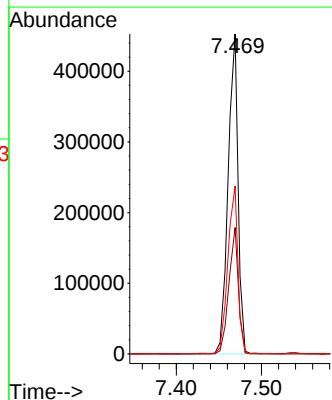
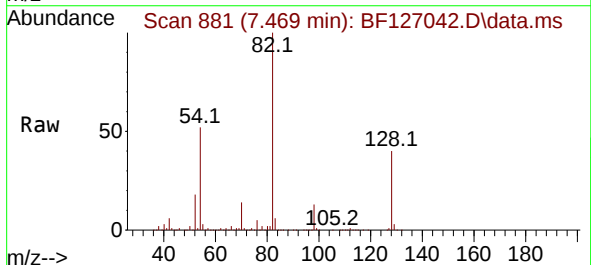
Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion:136 Resp: 268681
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 61.992 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion: 82 Resp: 369011
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 52.4 41.7 62.5

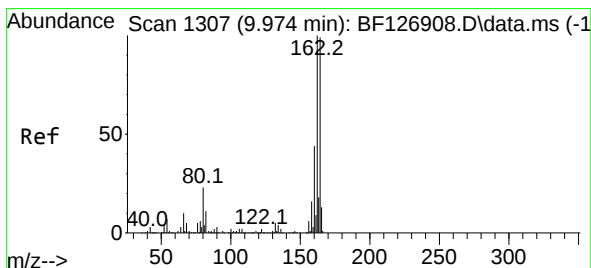
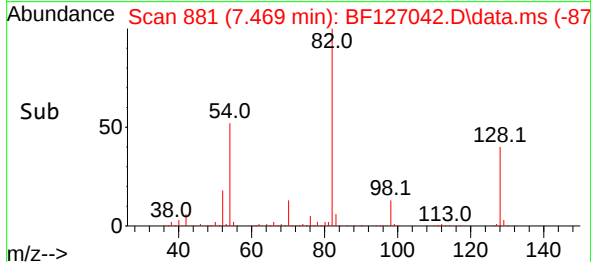
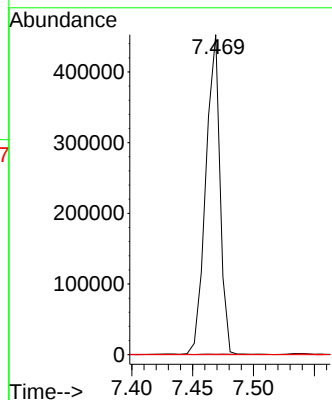
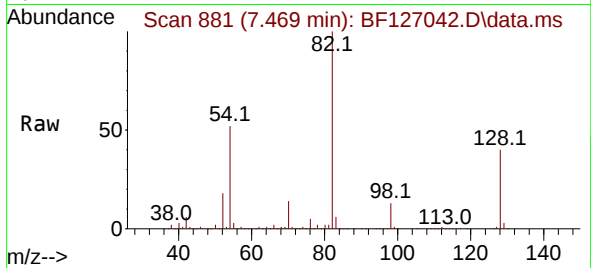




#25
Isophorone
Concen: 37.226 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

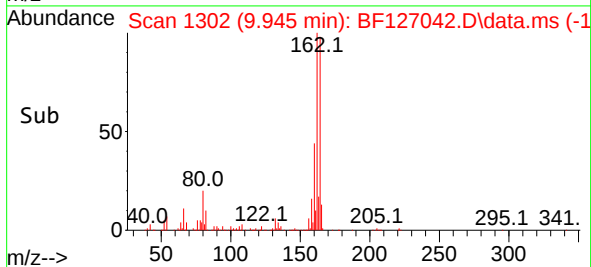
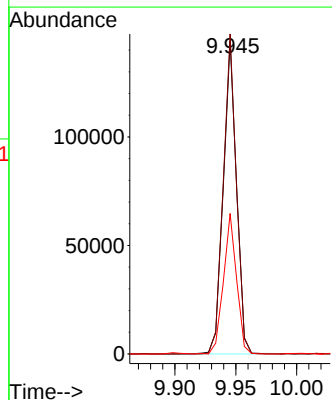
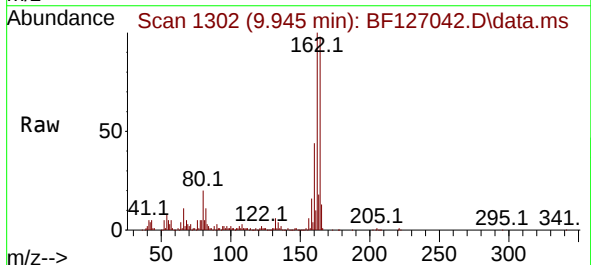
Instrument :
BNA_F
ClientSampleId :
CC-B7

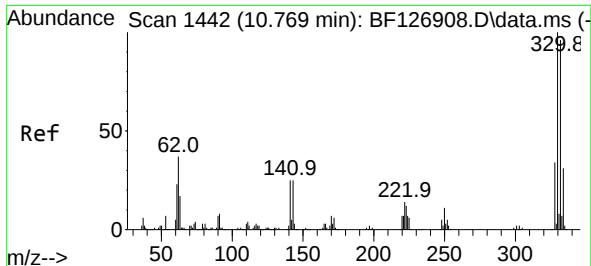
Tgt Ion: 82 Resp: 366669
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:164 Resp: 109110
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.9 36.6 54.8

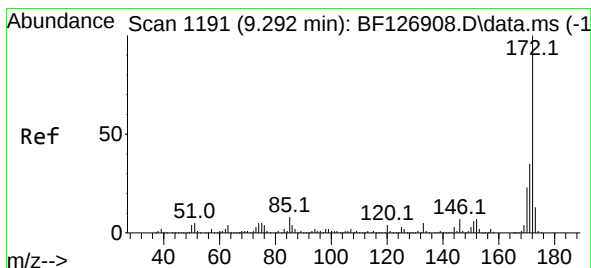
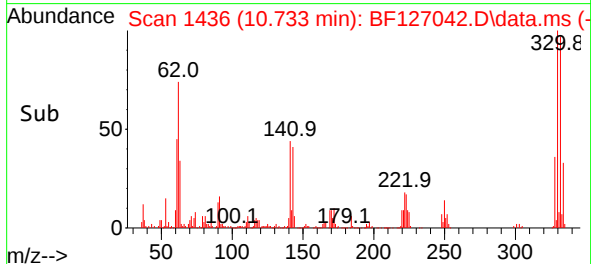
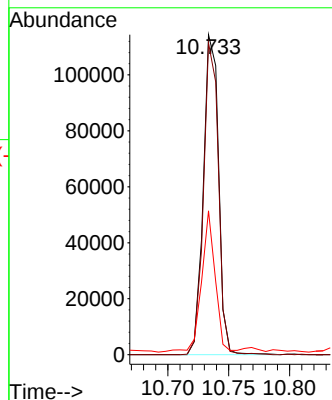
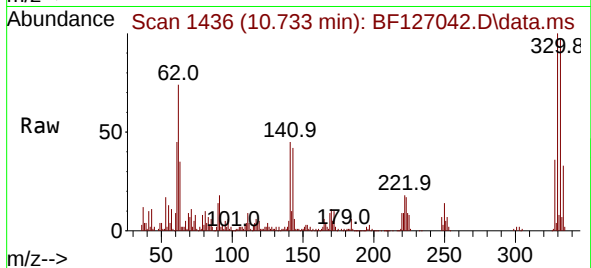




#42
2,4,6-Tribromophenol
Concen: 79.569 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

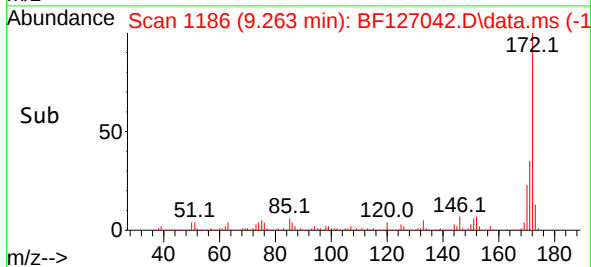
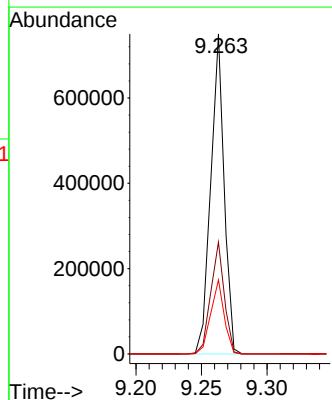
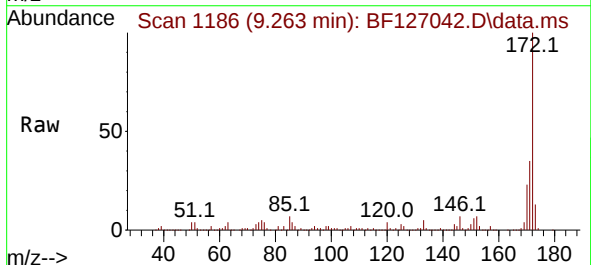
Instrument :
BNA_F
ClientSampleId :
CC-B7

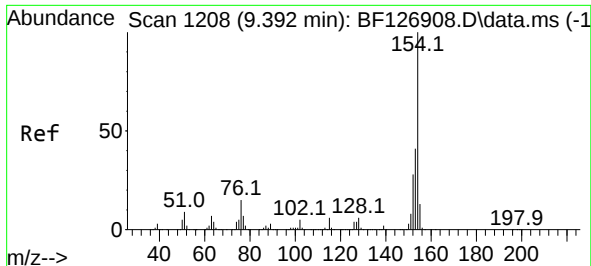
Tgt Ion:330 Resp: 99959
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 39.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 72.157 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:172 Resp: 534799
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 19.0 28.6





#46

1,1'-Biphenyl

Concen: 12.691 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

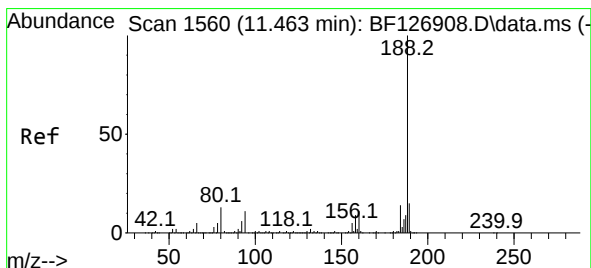
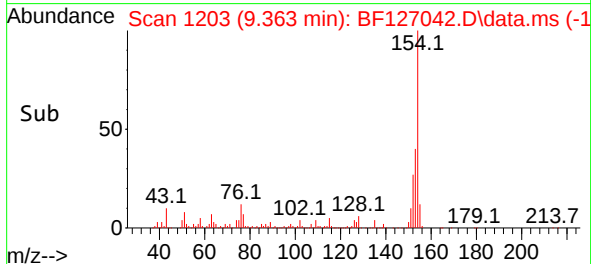
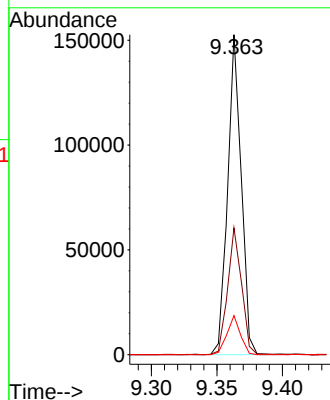
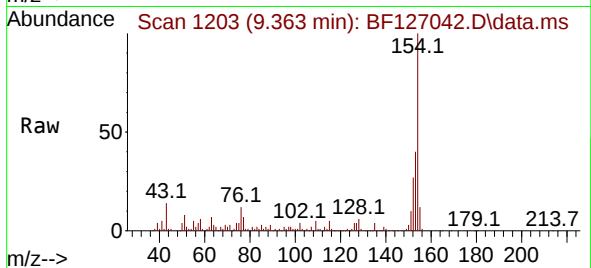
Tgt Ion:154 Resp: 109707

Ion Ratio Lower Upper

154 100

153 39.6 19.0 59.0

76 12.2 0.0 34.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

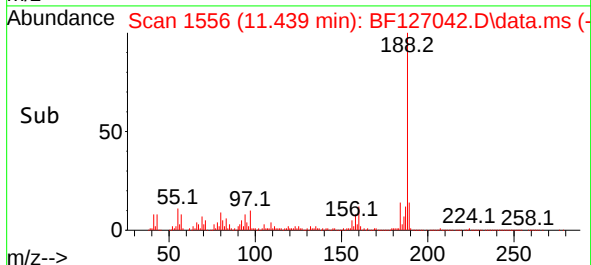
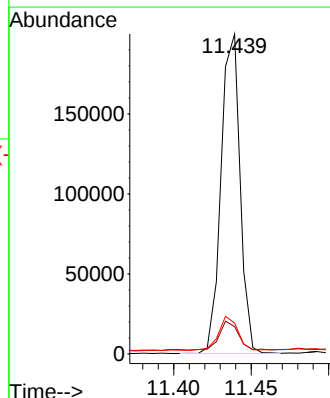
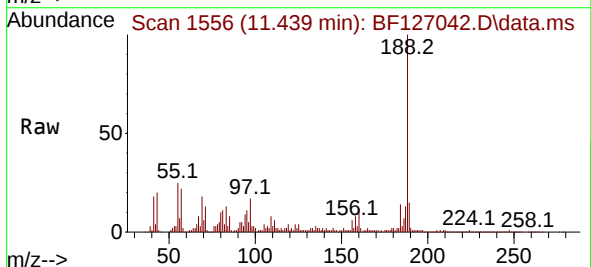
Tgt Ion:188 Resp: 170463

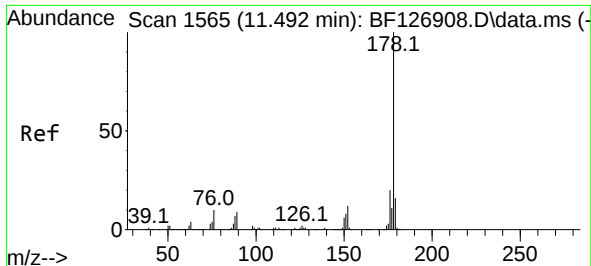
Ion Ratio Lower Upper

188 100

94 8.6 10.1 15.1#

80 9.7 11.8 17.6#

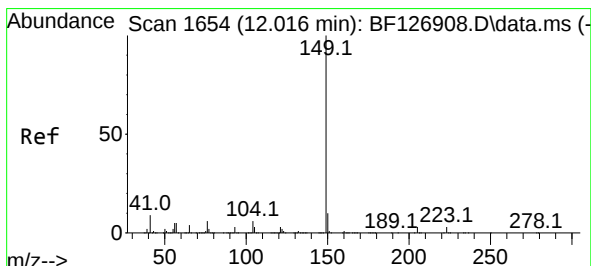
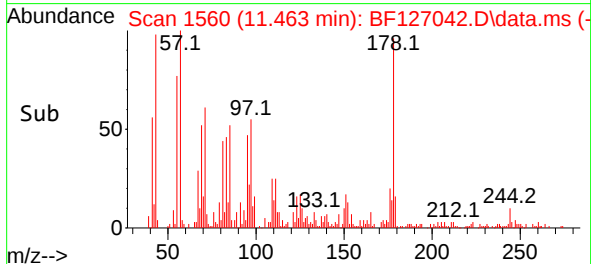
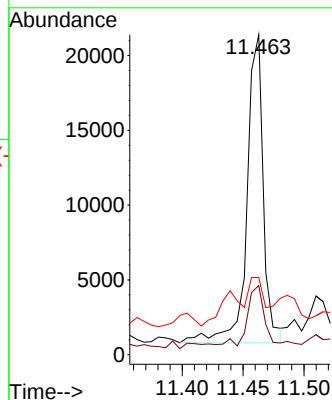
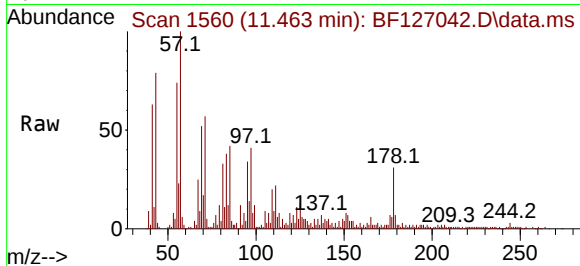




#71
Phenanthrene
Concen: 2.041 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

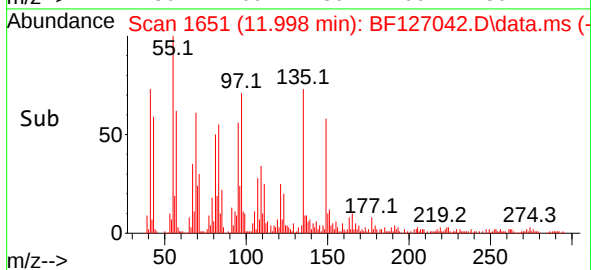
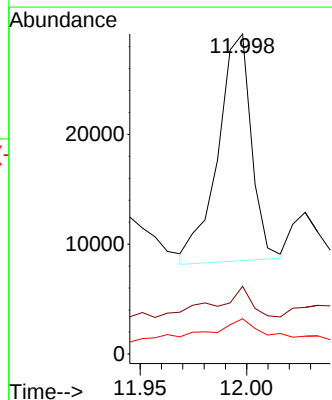
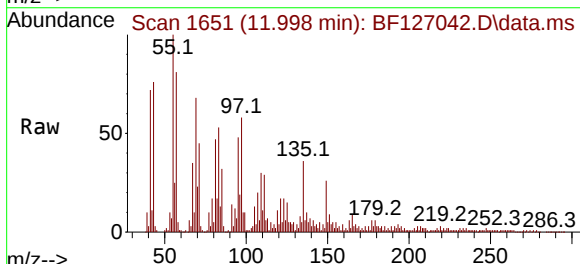
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CC-B7

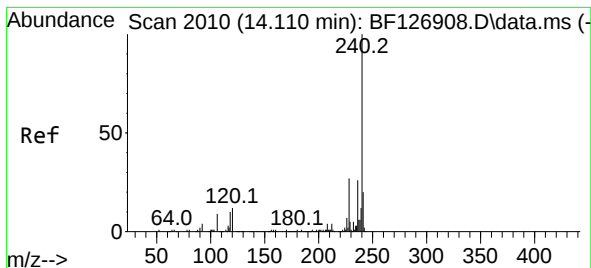
Tgt Ion:178 Resp: 19477
Ion Ratio Lower Upper
178 100
176 21.6 15.7 23.5
179 24.1 12.3 18.5#



#74
Di-n-butylphthalate
Concen: 2.028 ng
RT: 11.998 min Scan# 1651
Delta R.T. 0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:149 Resp: 22708
Ion Ratio Lower Upper
149 100
150 21.2 7.2 10.8#
104 11.0 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

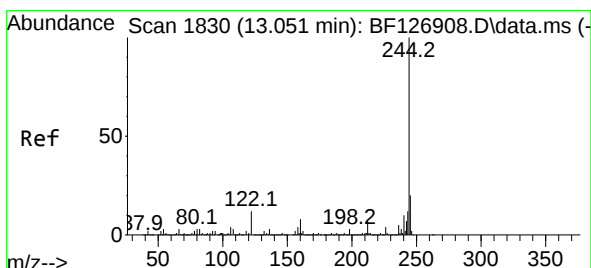
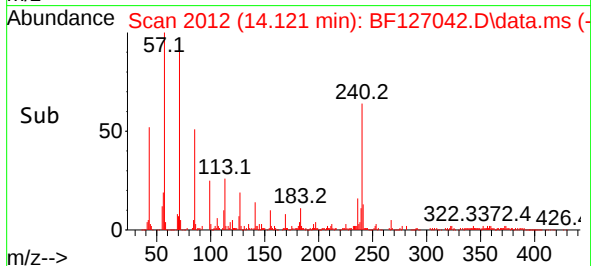
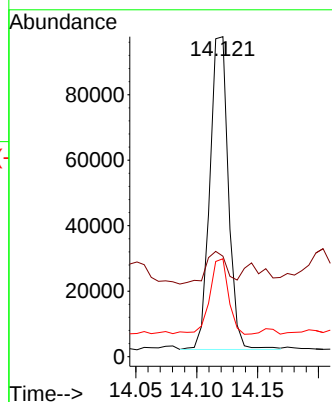
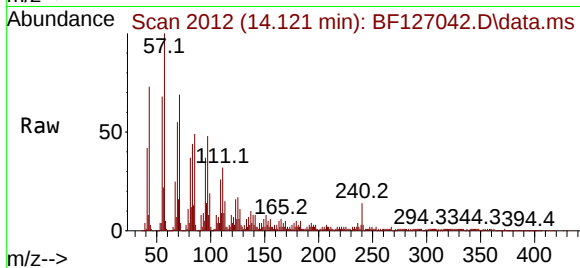
Tgt Ion:240 Resp: 101586

Ion Ratio Lower Upper

240 100

120 31.4 14.4 21.6#

236 30.6 20.5 30.7



#79

Terphenyl-d14

Concen: 69.343 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

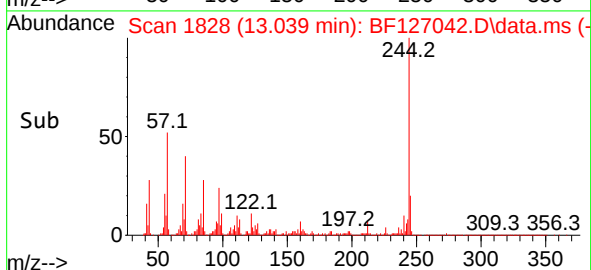
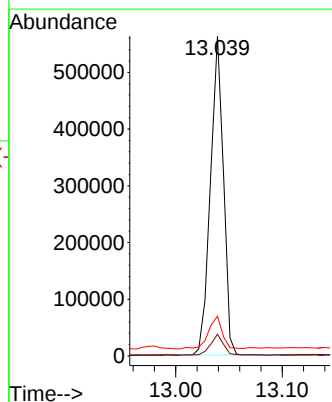
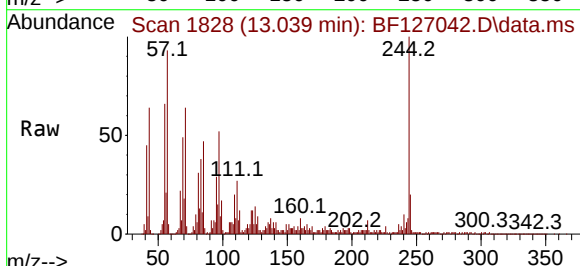
Tgt Ion:244 Resp: 479188

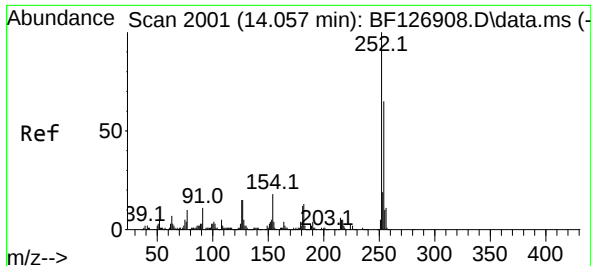
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 12.4 13.3 19.9#

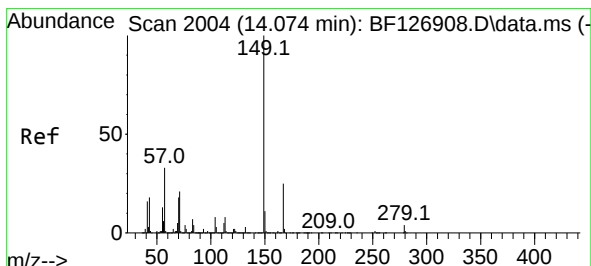
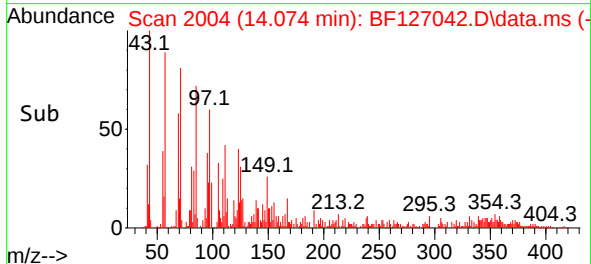
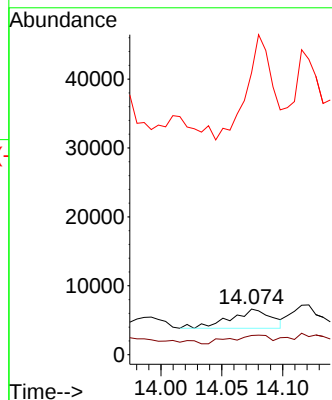
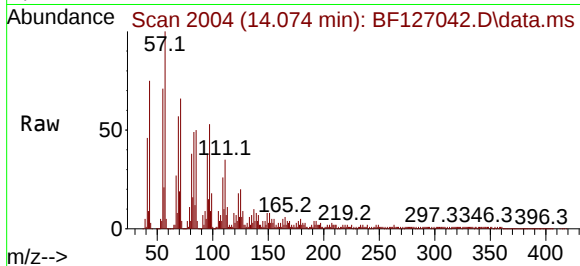




#82
3,3'-Dichlorobenzidine
Concen: 3.040 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.035 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

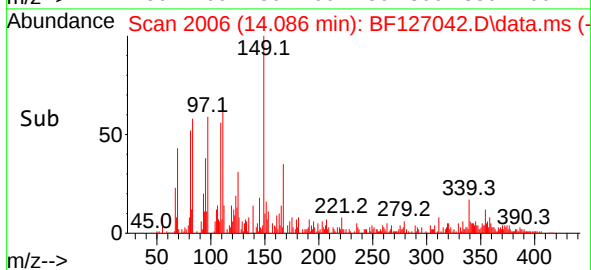
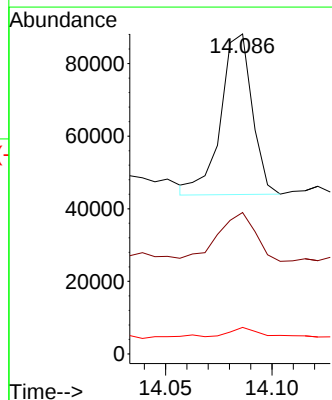
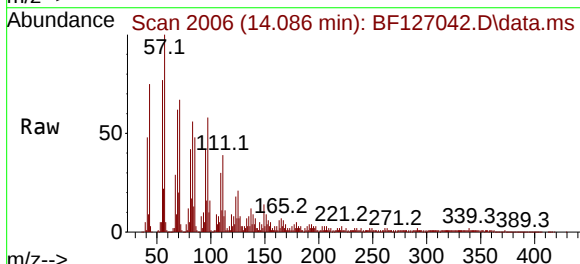
Instrument :
BNA_F
ClientSampleId :
CC-B7

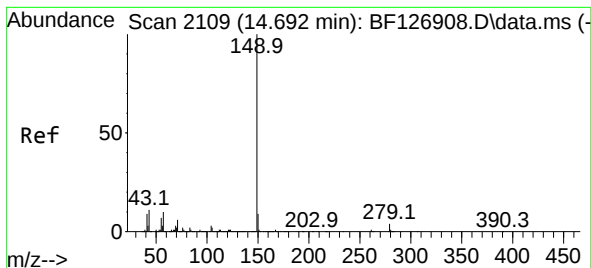
Tgt Ion:252 Resp: 6562
Ion Ratio Lower Upper
252 100
254 41.9 51.0 76.4#
126 617.9 13.4 20.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.291 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.035 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:149 Resp: 45482
Ion Ratio Lower Upper
149 100
167 44.2 21.4 32.2#
279 8.3 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 3.700 ng

RT: 14.739 min Scan# 2109

Delta R.T. 0.071 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

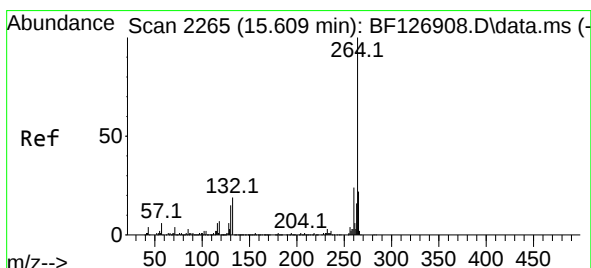
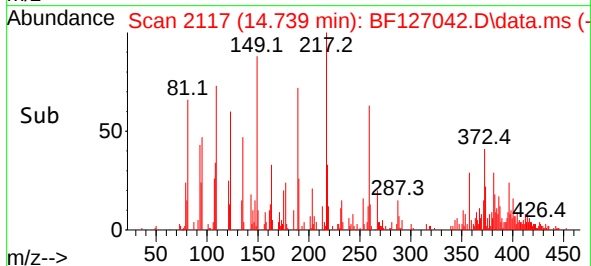
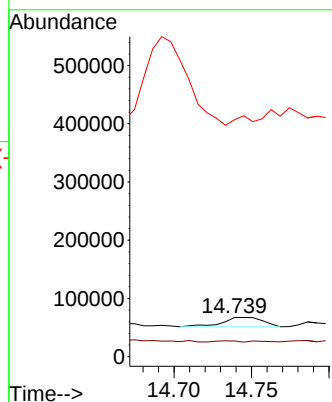
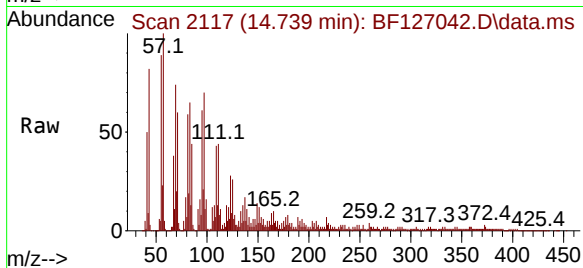
Tgt Ion:149 Resp: 29220

Ion Ratio Lower Upper

149 100

167 7.1 1.1 1.7#

43 0.0 9.9 14.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.663 min Scan# 2274

Delta R.T. 0.077 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Tgt Ion:264 Resp: 72580

Ion Ratio Lower Upper

264 100

260 28.6 19.2 28.8

265 29.1 17.4 26.2#

