

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127018.D
 Acq On : 22 Feb 2022 19:48
 Operator : CG\JU
 Sample : N1626-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

Quant Time: Feb 22 23:59:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

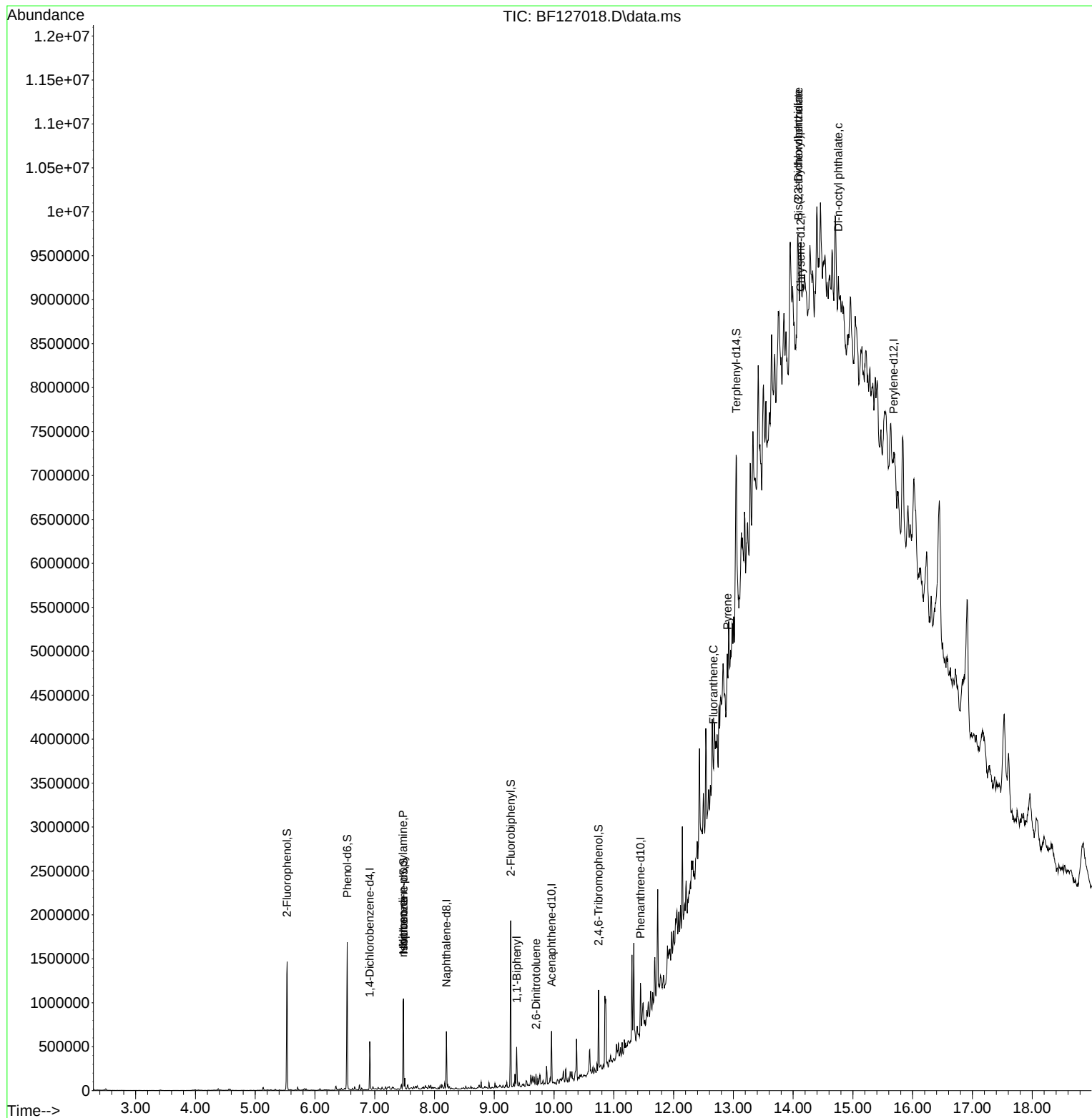
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	61997	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	223538	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	95707	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	156404	20.000	ng	0.00
76) Chrysene-d12	14.127	240	93754	20.000	ng	# 0.03
86) Perylene-d12	15.680	264	76462	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	354469	88.368	ng	0.00
7) Phenol-d6	6.540	99	468860	86.624	ng	0.00
23) Nitrobenzene-d5	7.481	82	314947	63.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	88101	79.951	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	452128	69.546	ng	0.00
79) Terphenyl-d14	13.051	244	439223	68.869	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	46422	13.310	ng	# 82
25) Isophorone	7.481	82	314947	38.432	ng	# 69
46) 1,1'-Biphenyl	9.375	154	91353	12.048	ng	95
51) 2,6-Dinitrotoluene	9.698	165	8968	6.443	ng	# 24
75) Fluoranthene	12.669	202	17801	2.142	ng	# 69
78) Pyrene	12.904	202	21684	2.662	ng	# 70
82) 3,3'-Dichlorobenzidine	14.086	252	5116	2.568	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.092	149	43888	8.669	ng	# 71
85) Di-n-octyl phthalate	14.757	149	29270	4.016	ng	# 69

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

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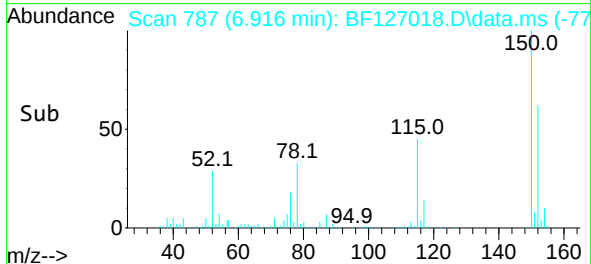
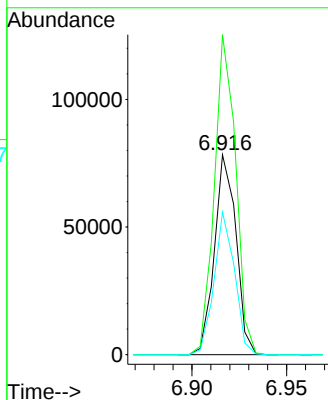
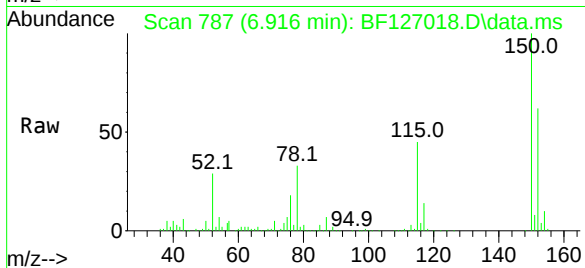




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

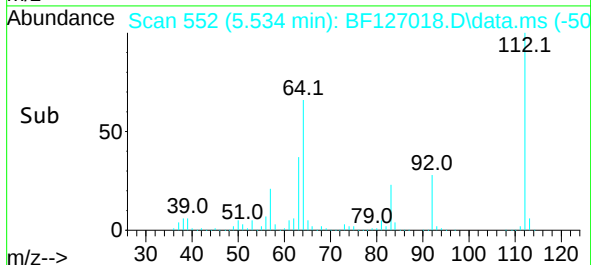
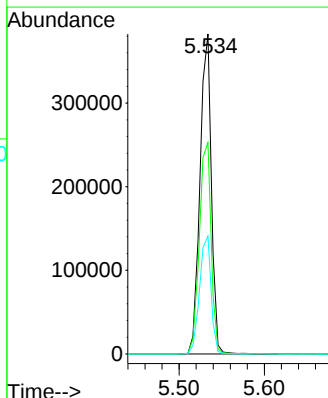
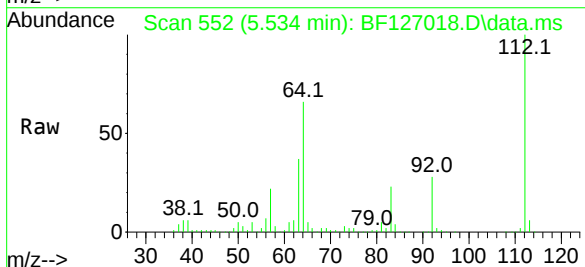
Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion:152 Resp: 61997
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 88.368 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion:112 Resp: 354469
Ion Ratio Lower Upper
112 100
64 66.1 49.5 74.3
63 36.8 23.9 35.9#

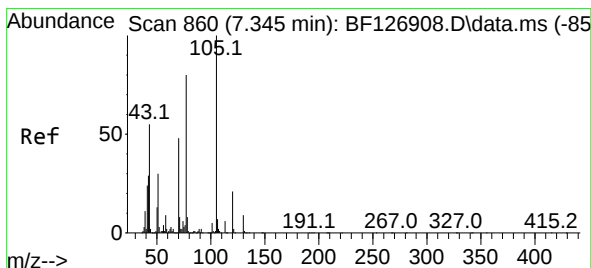
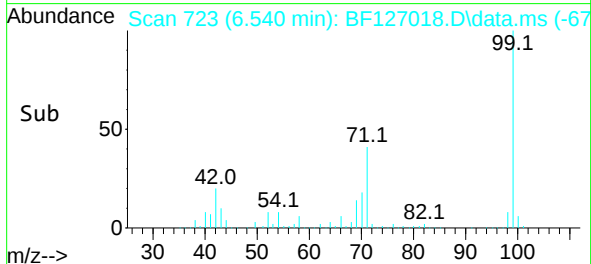
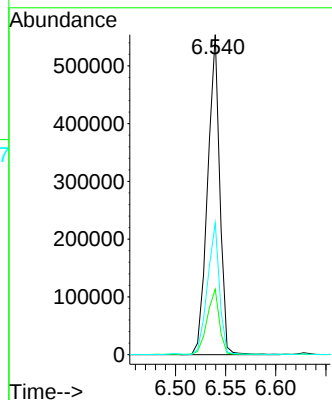
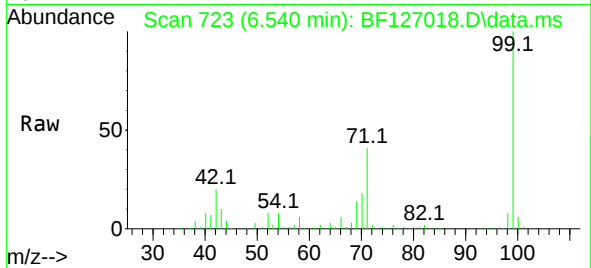




#7
Phenol-d6
Concen: 86.624 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

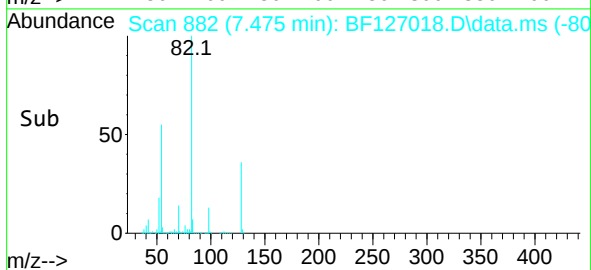
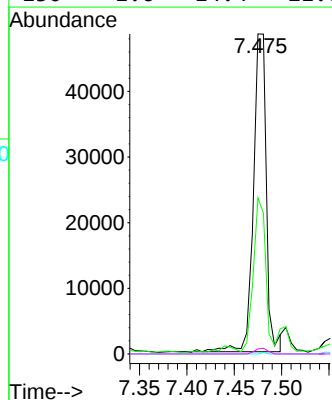
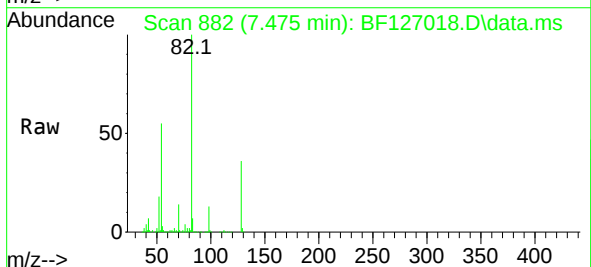
Instrument :
BNA_F
ClientSampleId :
CC-B7

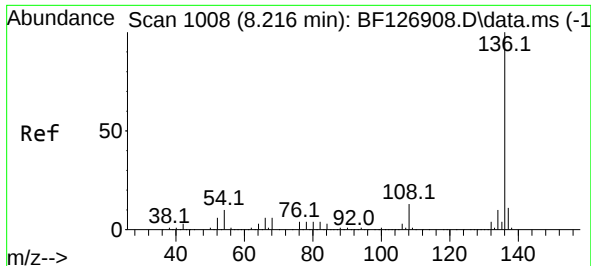
Tgt Ion: 99 Resp: 468860
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 41.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.310 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion: 70 Resp: 46422
Ion Ratio Lower Upper
70 100
42 48.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

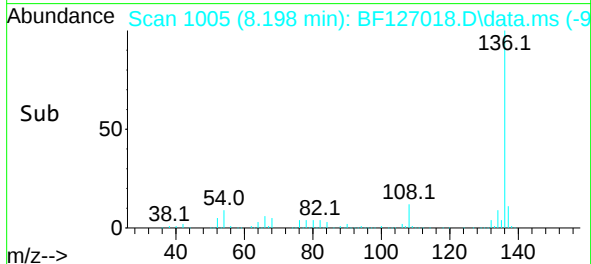
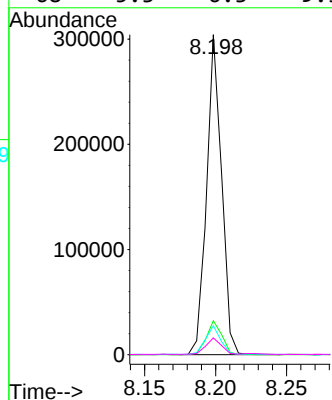
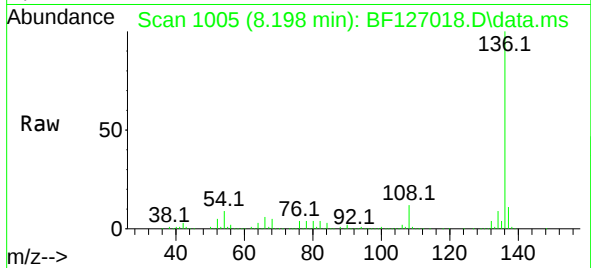




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

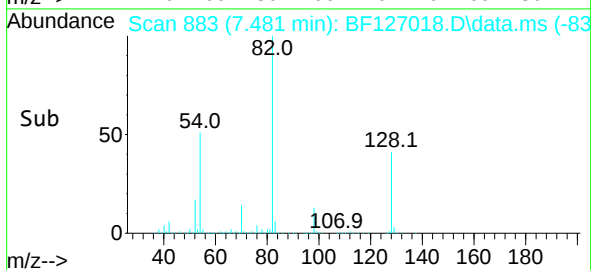
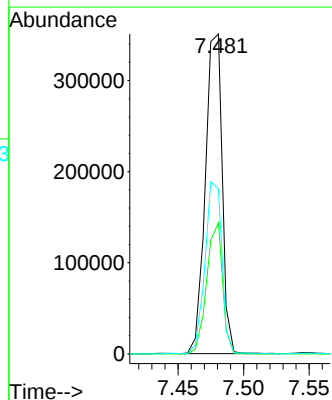
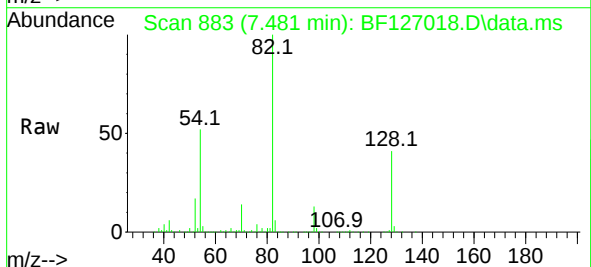
Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion:136 Resp: 223538
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 63.595 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion: 82 Resp: 314947
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 51.5 41.7 62.5

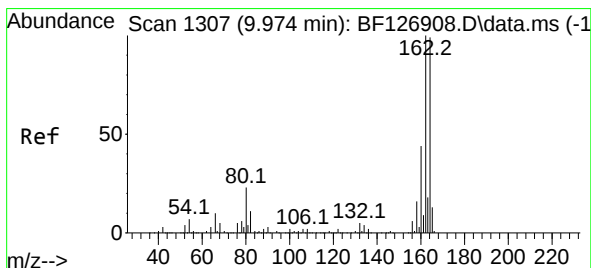
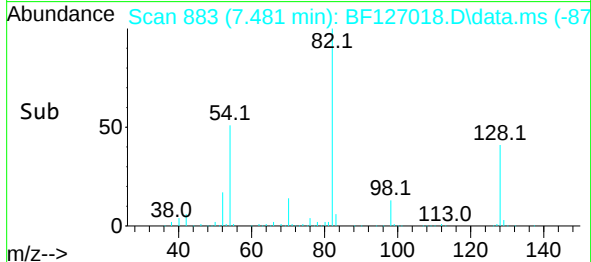
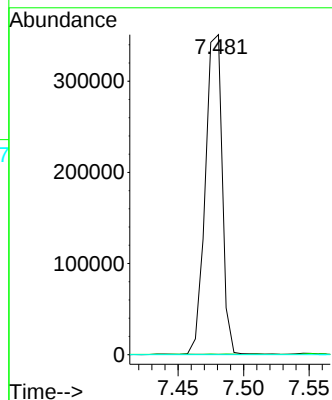
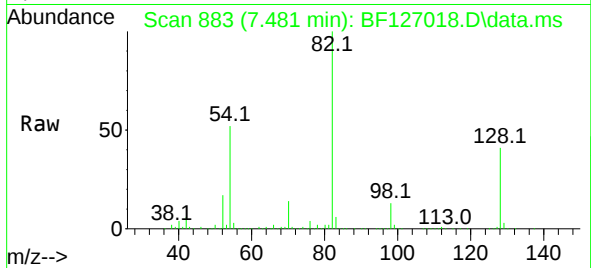




#25
Isophorone
Concen: 38.432 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

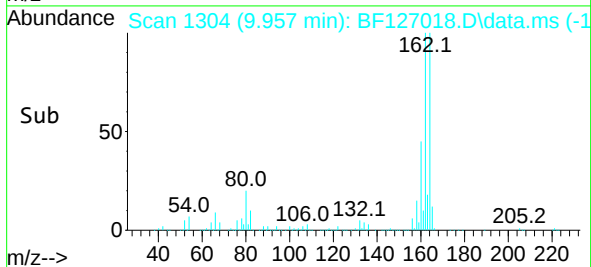
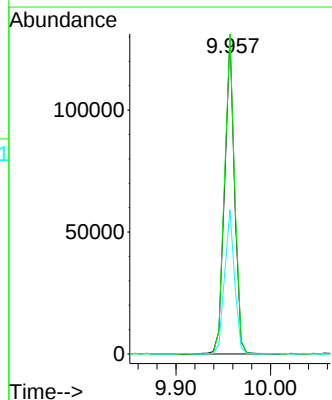
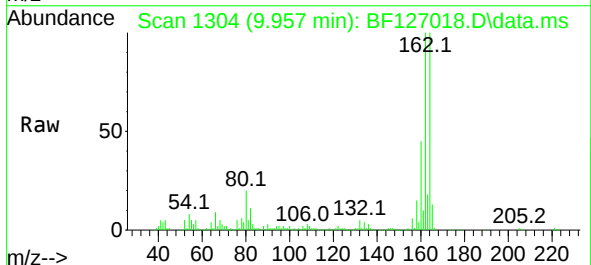
Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion: 82 Resp: 314947
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: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion:164 Resp: 95707
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 45.1 36.6 54.8

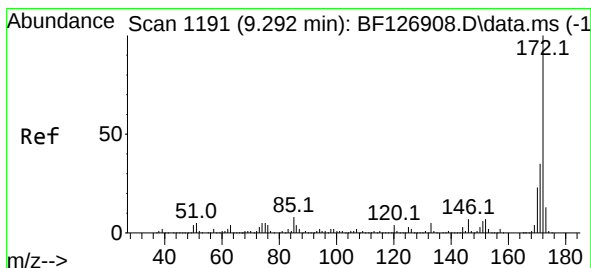
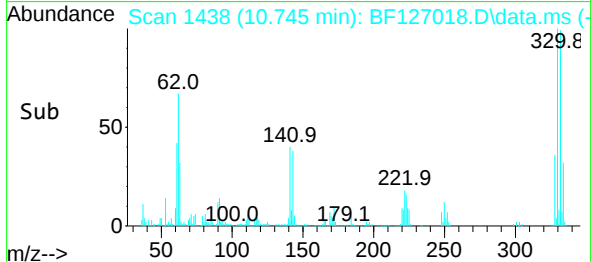
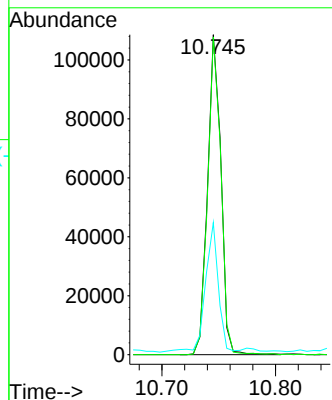
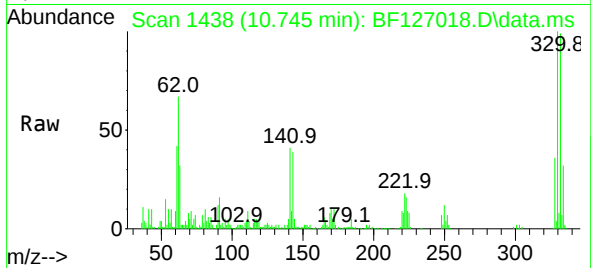




#42
 2,4,6-Tribromophenol
 Concen: 79.951 ng
 RT: 10.745 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF127018.D
 Acq: 22 Feb 2022 19:48

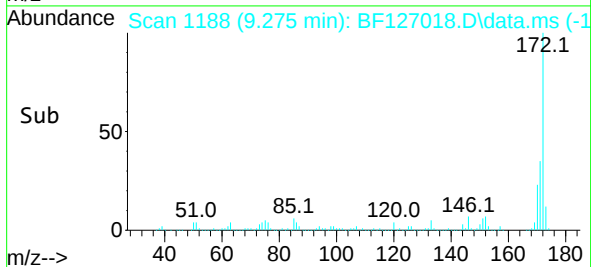
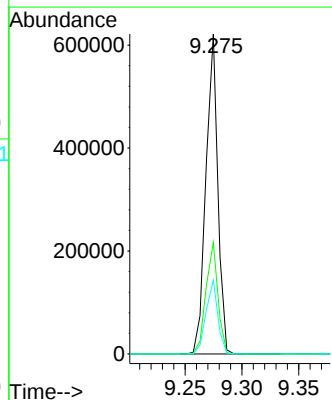
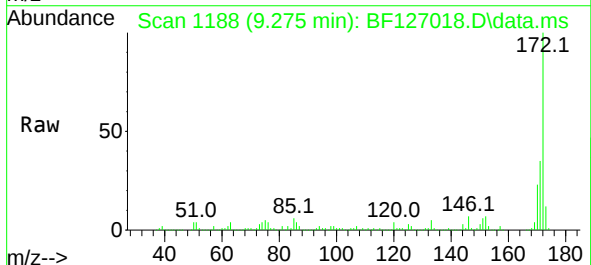
Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

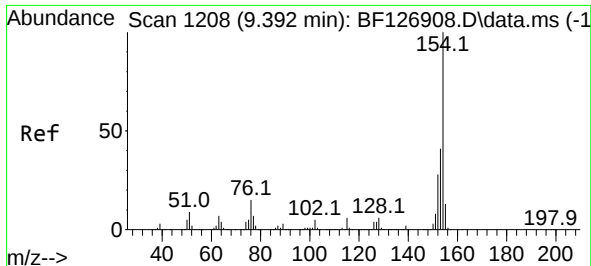
Tgt Ion:330 Resp: 88101
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.0 114.0
 141 39.2 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 69.546 ng
 RT: 9.275 min Scan# 1188
 Delta R.T. -0.006 min
 Lab File: BF127018.D
 Acq: 22 Feb 2022 19:48

Tgt Ion:172 Resp: 452128
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.0 19.0 28.6

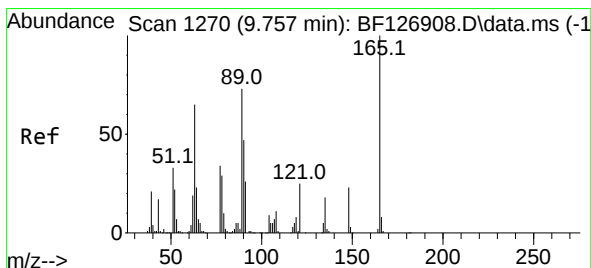
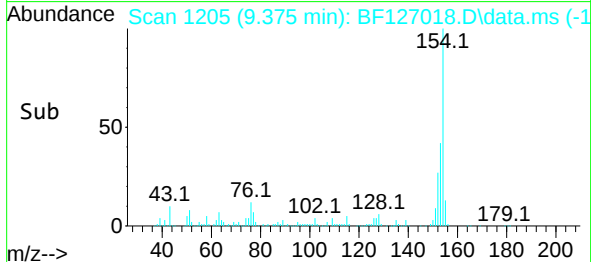
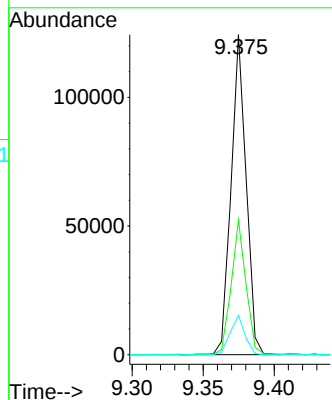
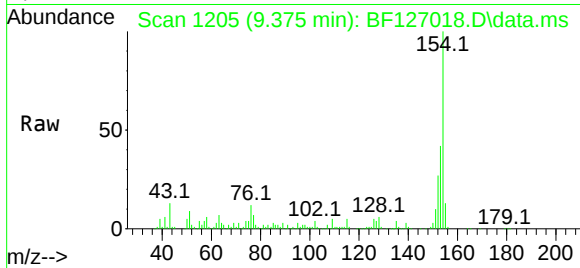




#46
1,1'-Biphenyl
Concen: 12.048 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

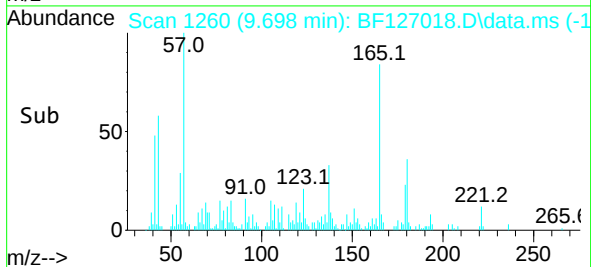
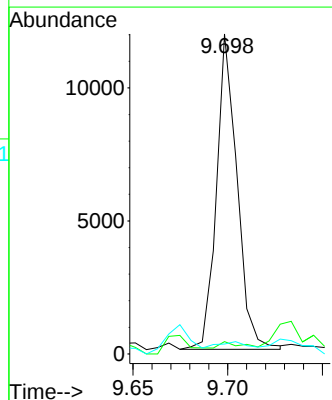
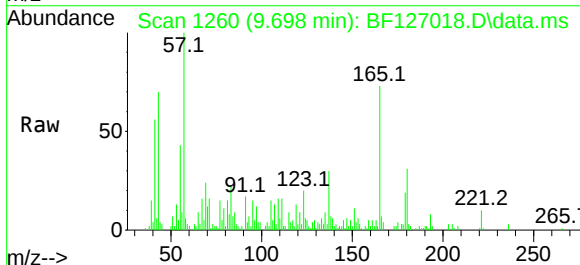
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CC-B7

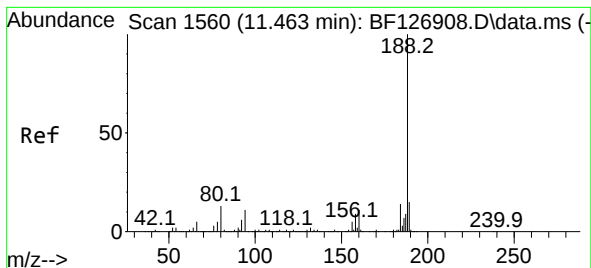
Tgt Ion:154 Resp: 91353
Ion Ratio Lower Upper
154 100
153 42.1 19.0 59.0
76 12.3 0.0 34.5



#51
2,6-Dinitrotoluene
Concen: 6.443 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.047 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion:165 Resp: 8968
Ion Ratio Lower Upper
165 100
63 3.8 48.4 72.6#
89 3.1 50.5 75.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127018.D

Acq: 22 Feb 2022 19:48

Instrument :

BNA_F

ClientSampleId :

CC-B7

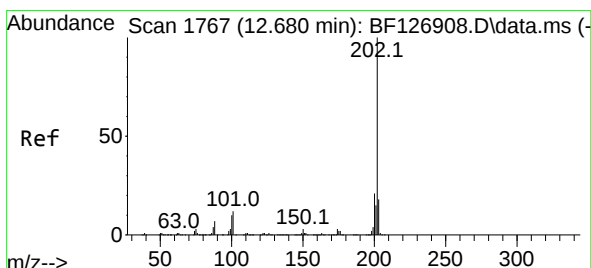
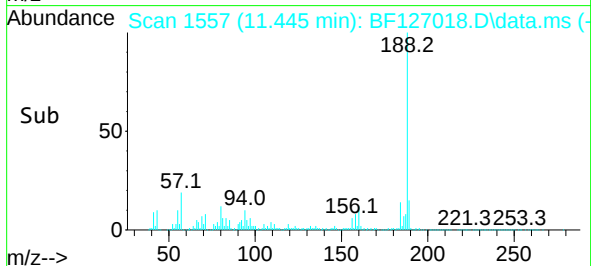
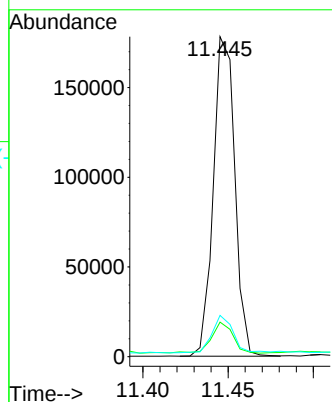
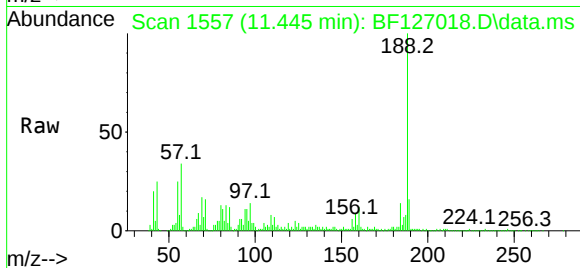
Tgt Ion:188 Resp: 156404

Ion Ratio Lower Upper

188 100

94 10.8 10.1 15.1

80 12.9 11.8 17.6



#75

Fluoranthene

Concen: 2.142 ng

RT: 12.669 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BF127018.D

Acq: 22 Feb 2022 19:48

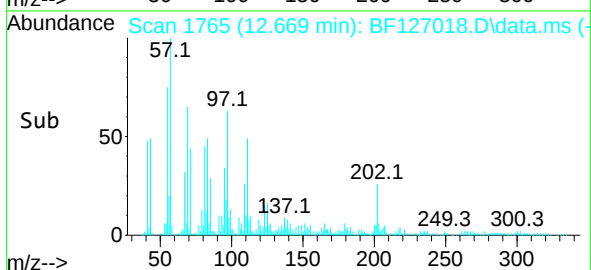
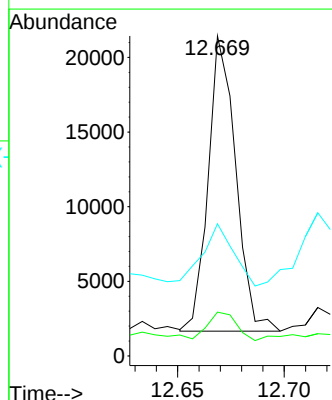
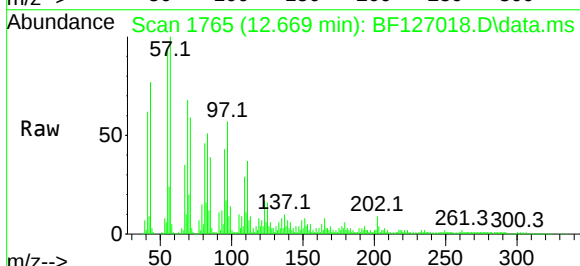
Tgt Ion:202 Resp: 17801

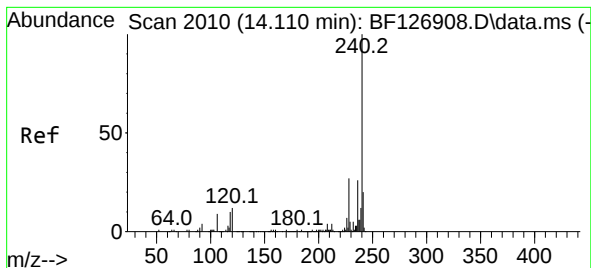
Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.7

203 41.3 0.0 37.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF127018.D

Acq: 22 Feb 2022 19:48

Instrument :

BNA_F

ClientSampleId :

CC-B7

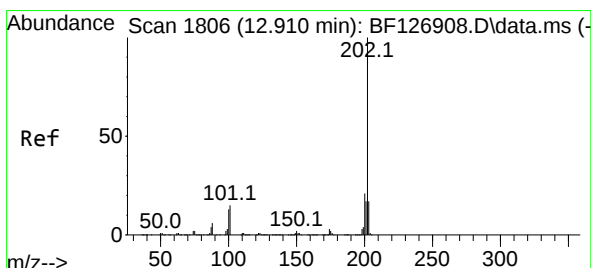
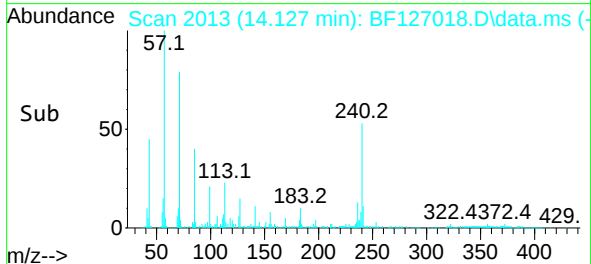
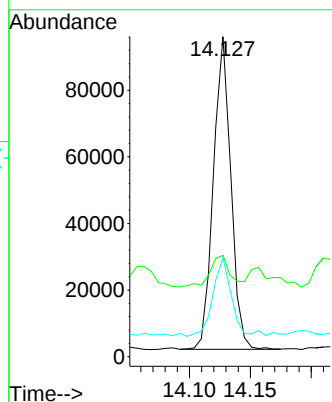
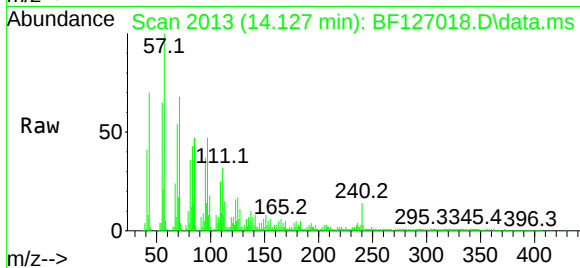
Tgt Ion:240 Resp: 93754

Ion Ratio Lower Upper

240 100

120 31.6 14.4 21.6#

236 30.8 20.5 30.7#



#78

Pyrene

Concen: 2.662 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF127018.D

Acq: 22 Feb 2022 19:48

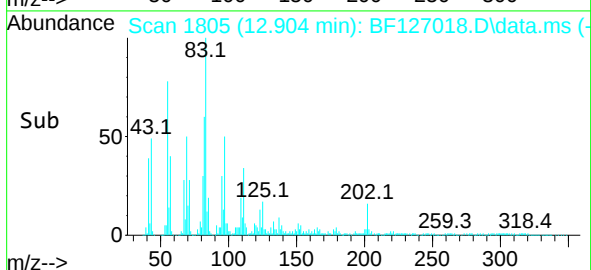
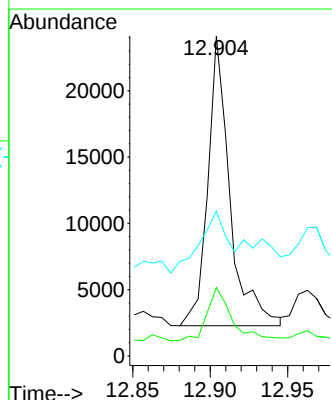
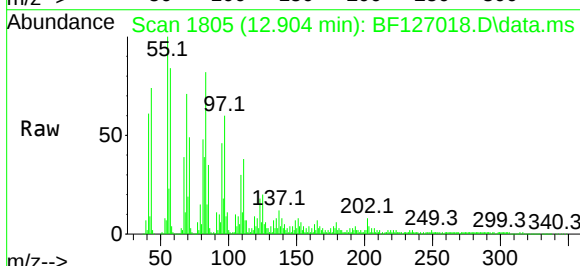
Tgt Ion:202 Resp: 21684

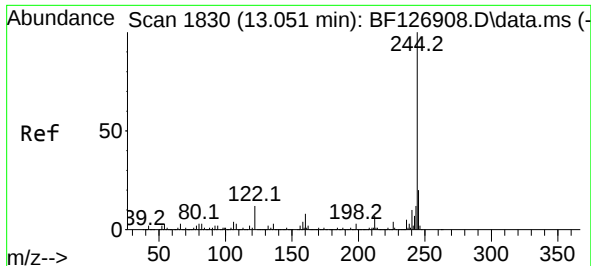
Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

203 45.3 13.8 20.8#

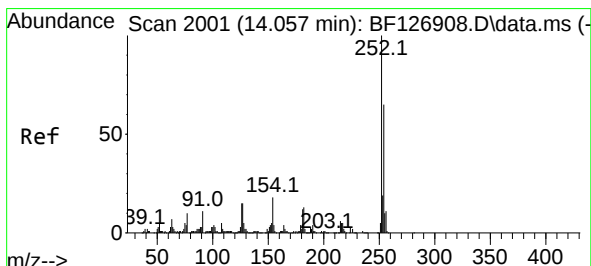
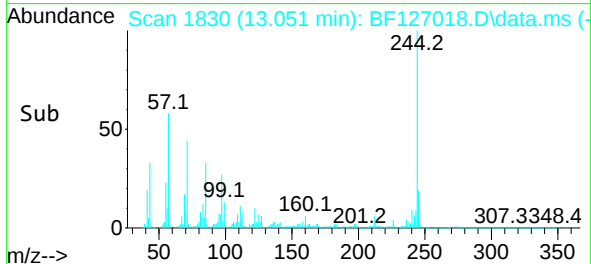
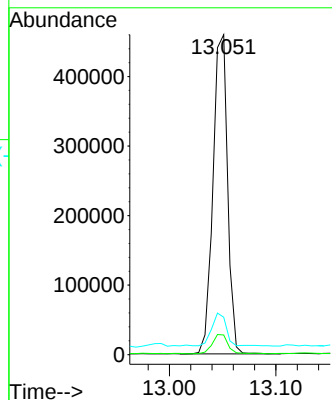
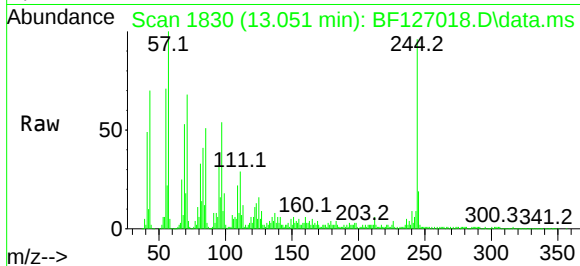




#79
 Terphenyl-d14
 Concen: 68.869 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF127018.D
 Acq: 22 Feb 2022 19:48

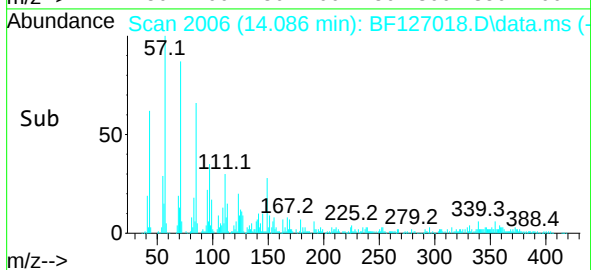
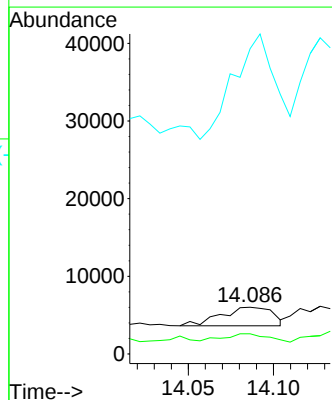
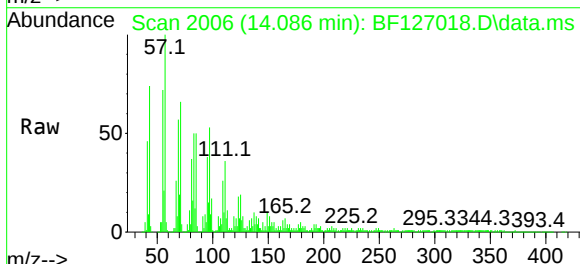
Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

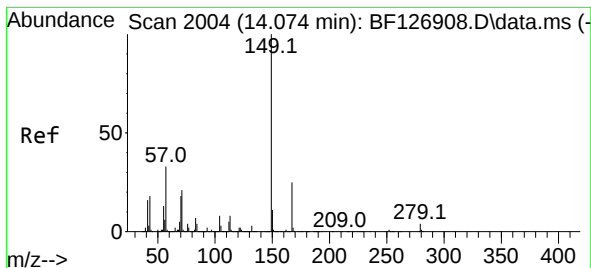
Tgt Ion:244 Resp: 439223
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.7 13.3 19.9#



#82
 3,3'-Dichlorobenzidine
 Concen: 2.568 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. 0.041 min
 Lab File: BF127018.D
 Acq: 22 Feb 2022 19:48

Tgt Ion:252 Resp: 5116
 Ion Ratio Lower Upper
 252 100
 254 43.0 51.0 76.4#
 126 652.4 13.4 20.0#

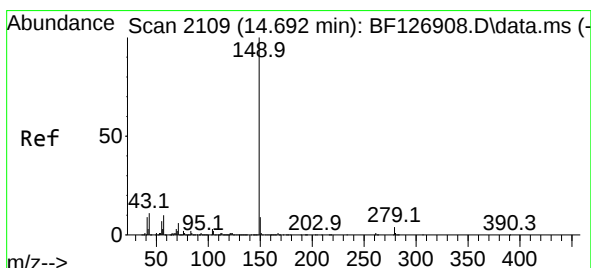
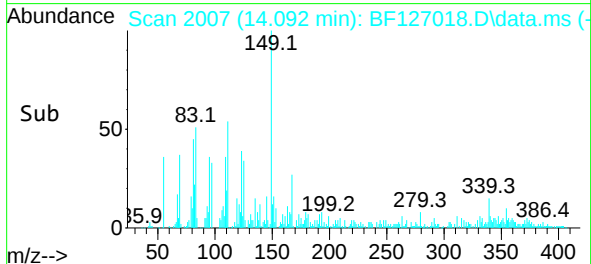
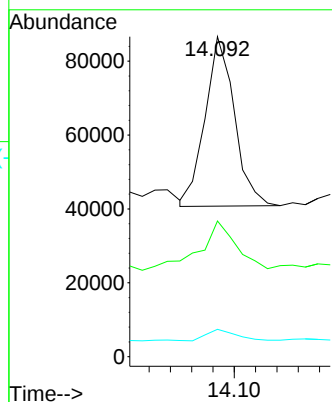
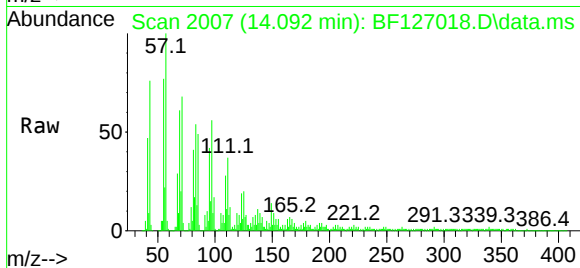




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.669 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.030 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

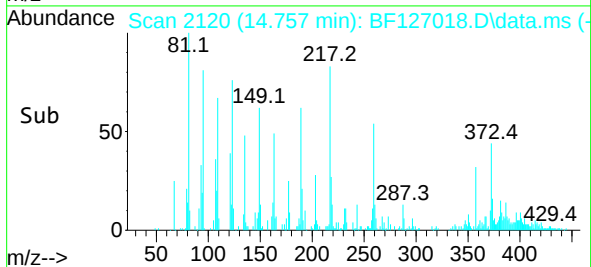
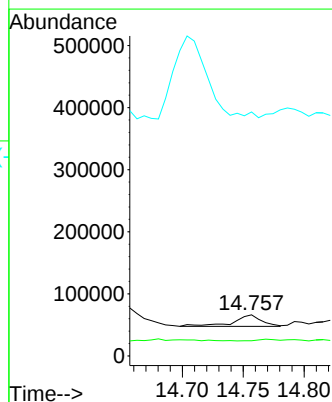
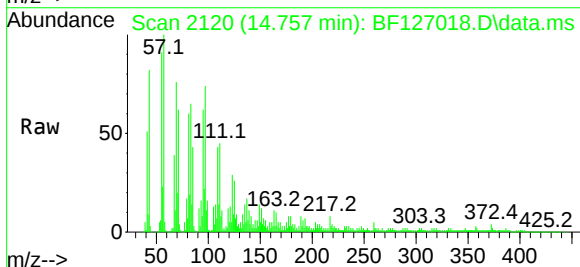
Instrument :
BNA_F
ClientSampleId :
CC-B7

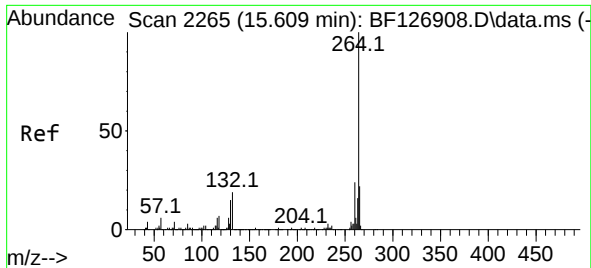
Tgt Ion:149 Resp: 43888
Ion Ratio Lower Upper
149 100
167 42.4 21.4 32.2#
279 8.6 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 4.016 ng
RT: 14.757 min Scan# 2120
Delta R.T. 0.077 min
Lab File: BF127018.D
Acq: 22 Feb 2022 19:48

Tgt Ion:149 Resp: 29270
Ion Ratio Lower Upper
149 100
167 9.8 1.1 1.7#
43 0.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF127018.D
 Acq: 22 Feb 2022 19:48

Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

Tgt Ion:264 Resp: 76462
 Ion Ratio Lower Upper
 264 100
 260 29.6 19.2 28.8#
 265 30.1 17.4 26.2#

