

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127466.D
 Acq On : 22 Mar 2022 22:10
 Operator : CG\JU
 Sample : N2011-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-E

Quant Time: Mar 23 03:03:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

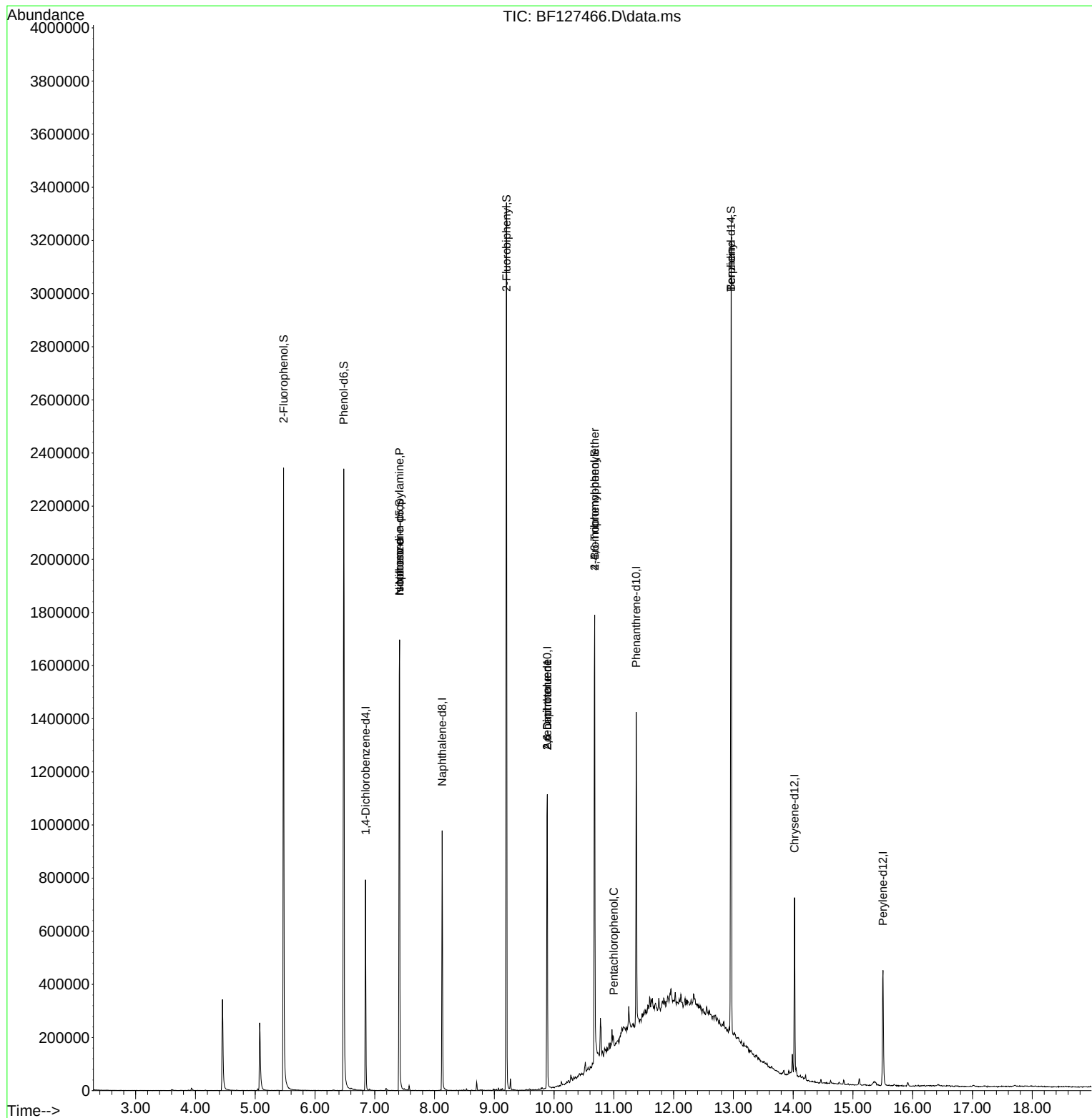
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103766	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	384441	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	231089	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	397205	20.000	ng	0.00
76) Chrysene-d12	14.021	240	221578	20.000	ng	0.00
86) Perylene-d12	15.504	264	204792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	566492	87.143	ng	0.00
7) Phenol-d6	6.481	99	821295	92.426	ng	0.00
23) Nitrobenzene-d5	7.416	82	577136	64.171	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	205378	83.430	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1023664	64.684	ng	0.00
79) Terphenyl-d14	12.963	244	1060696	78.364	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1294	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	76308	14.326	ng	# 79
25) Isophorone	7.416	82	577131	40.290	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	30411	9.012	ng	# 17
55) Dibenzofuran	10.104	168	116	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	30411	7.001	ng	# 14
58) Fluorene	10.622	166	292	Below Cal	#	79
67) 4-Bromophenyl-phenylether	10.680	248	13542	2.920	ng	# 1
70) Pentachlorophenol	10.998	266	55	6.767	ng	# 20
77) Benzidine	12.963	184	14027	2.655	ng	# 96

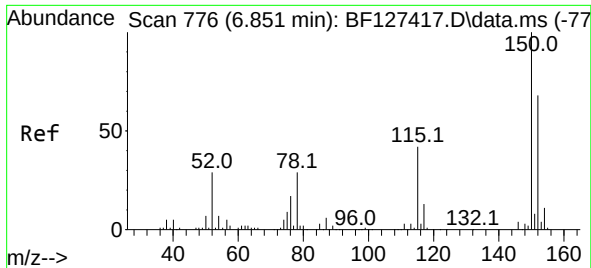
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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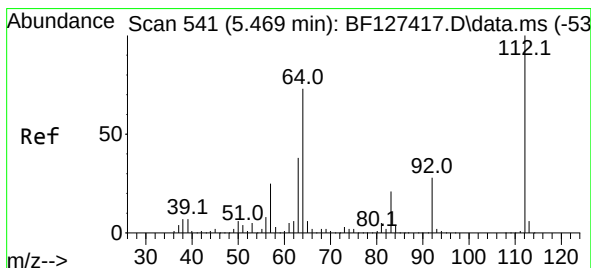
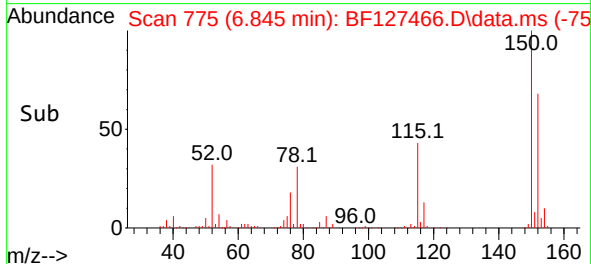
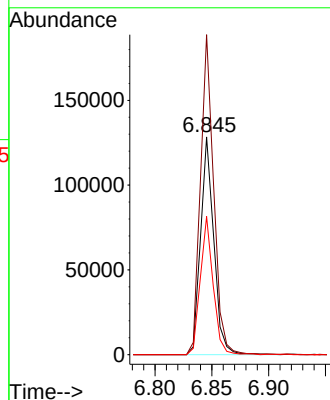
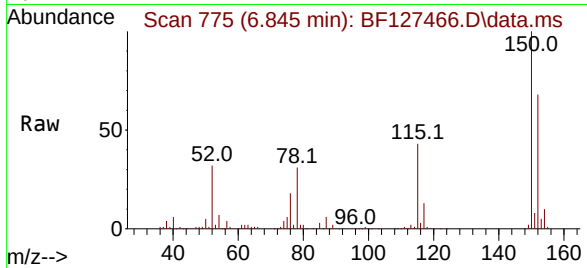




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

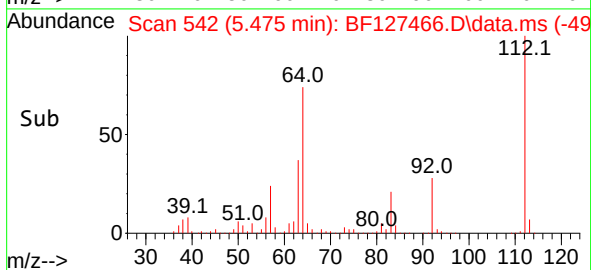
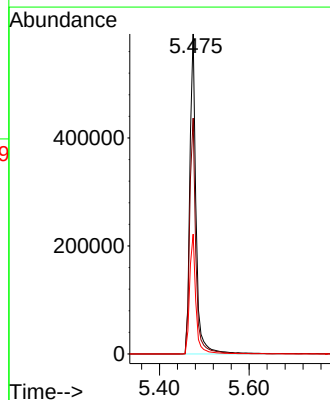
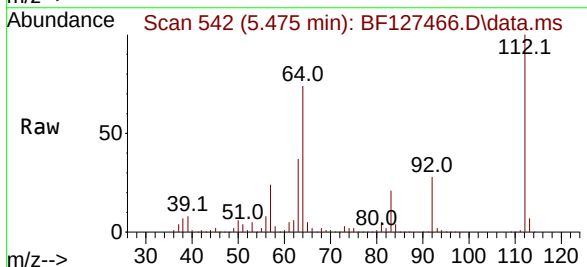
Instrument :
BNA_F
ClientSampleId :
C-E

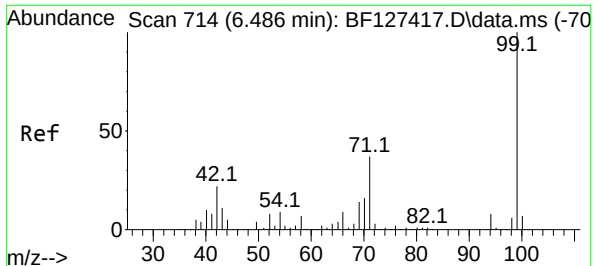
Tgt Ion:152 Resp: 103766
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 63.5 49.8 74.6



#5
2-Fluorophenol
Concen: 87.143 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:112 Resp: 566492
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 37.4 30.1 45.1





#7

Phenol-d6

Concen: 92.426 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

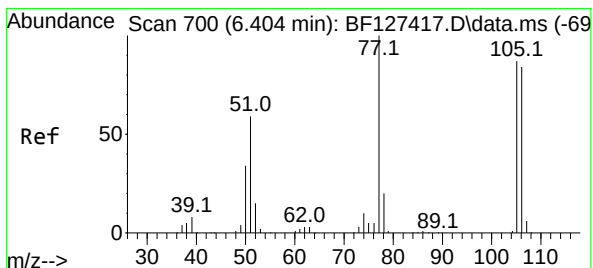
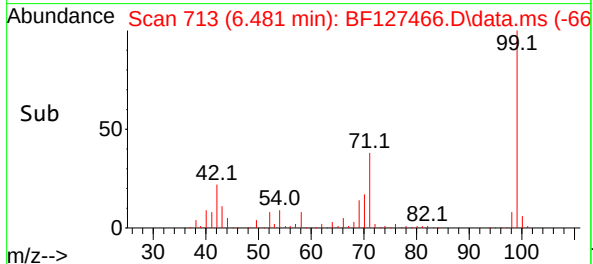
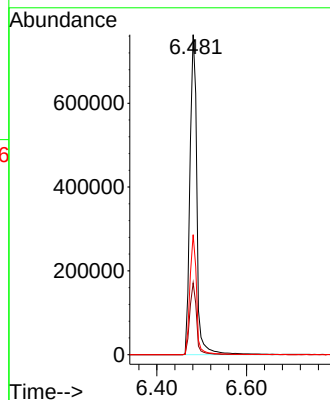
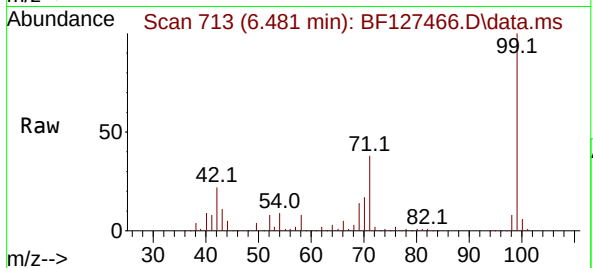
Tgt Ion: 99 Resp: 821295

Ion Ratio Lower Upper

99 100

42 22.5 17.8 26.6

71 37.5 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.077 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

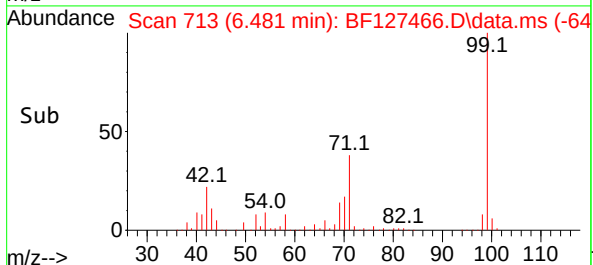
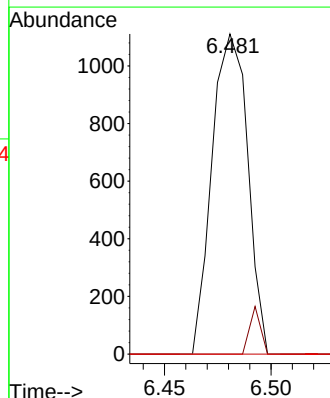
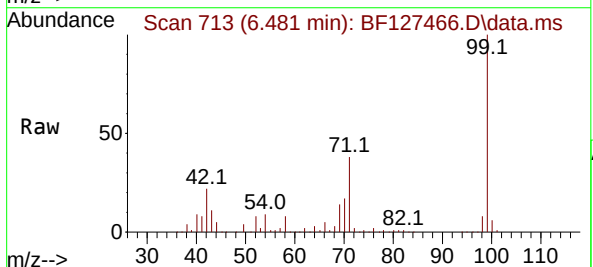
Tgt Ion: 77 Resp: 1294

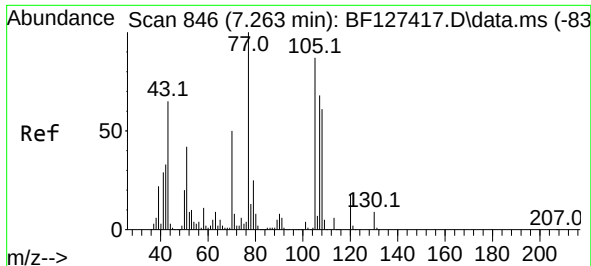
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.326 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

Tgt Ion: 70 Resp: 76308

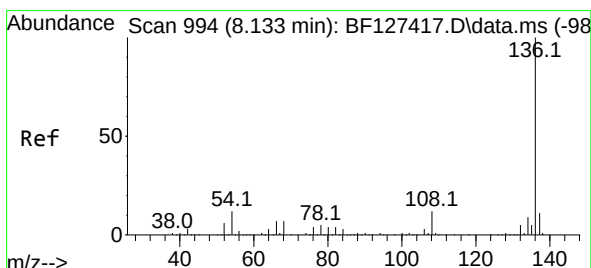
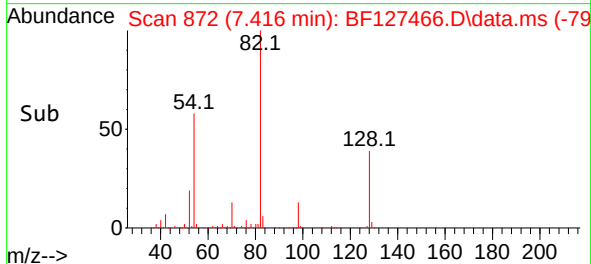
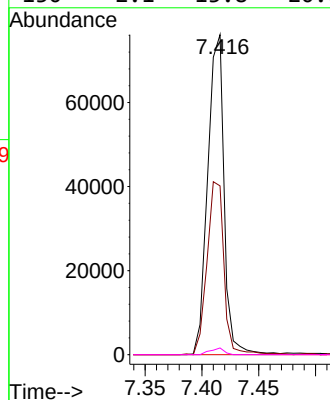
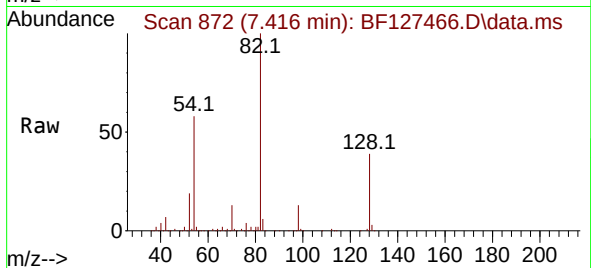
Ion Ratio Lower Upper

70 100

42 52.7 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Tgt Ion:136 Resp: 384441

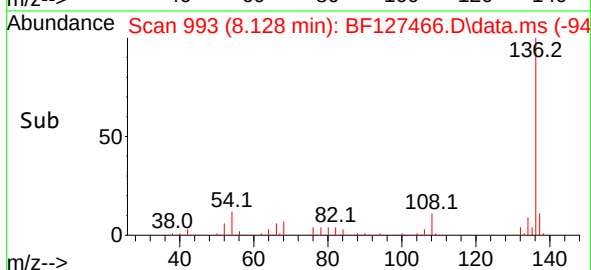
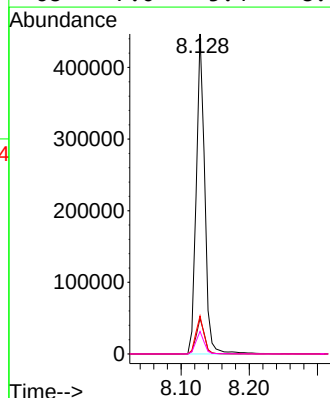
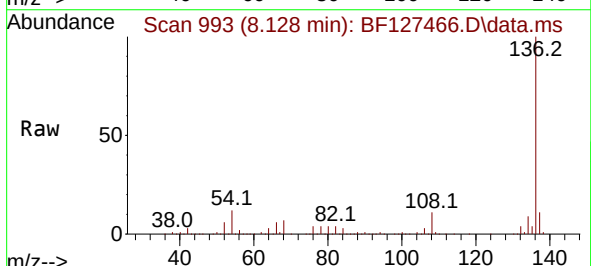
Ion Ratio Lower Upper

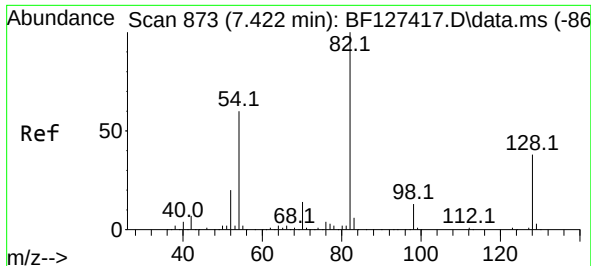
136 100

137 11.1 8.6 13.0

54 11.9 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.171 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

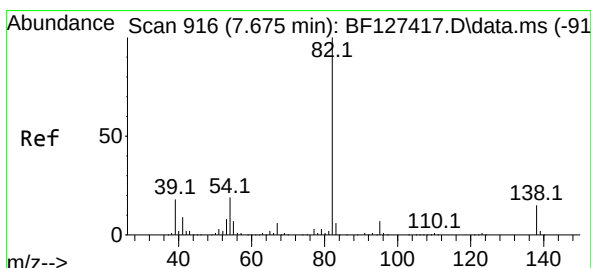
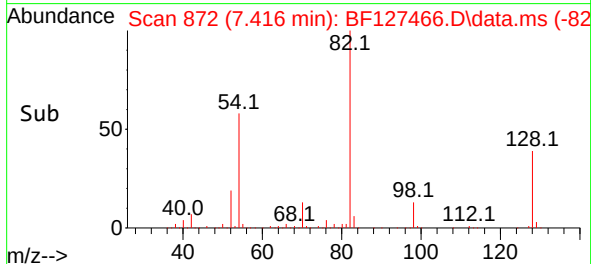
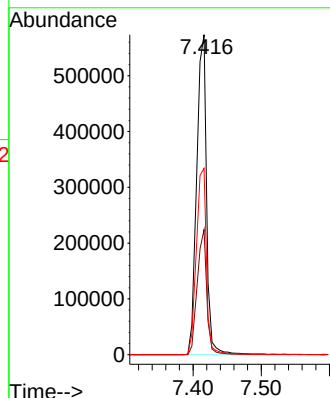
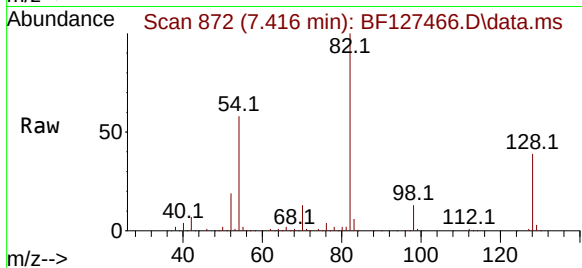
Tgt Ion: 82 Resp: 577136

Ion Ratio Lower Upper

82 100

128 39.1 30.6 45.8

54 58.2 48.2 72.2



#25

Isophorone

Concen: 40.290 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

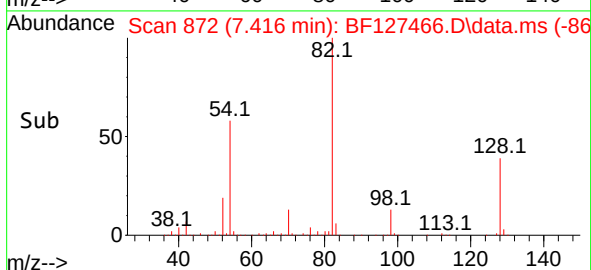
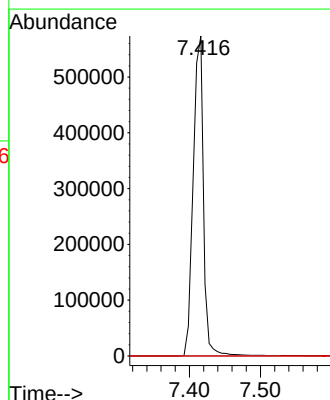
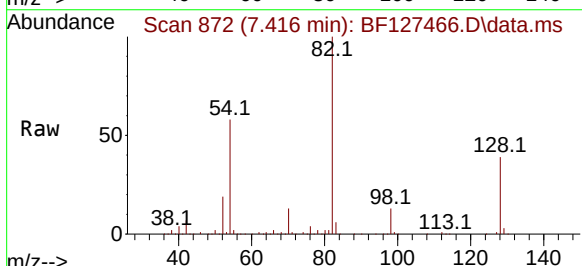
Tgt Ion: 82 Resp: 577131

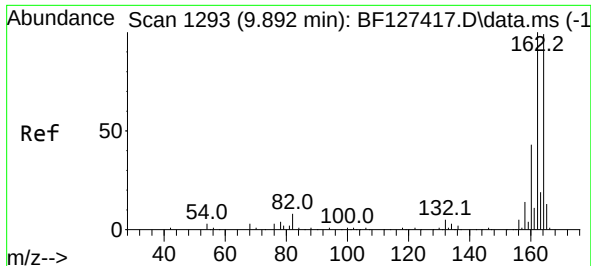
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

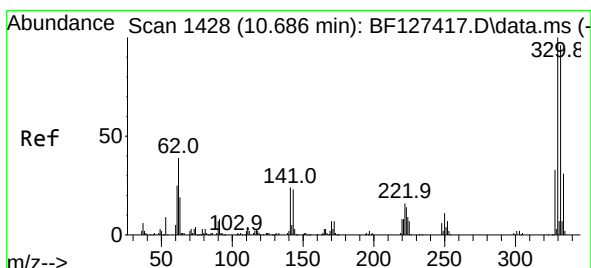
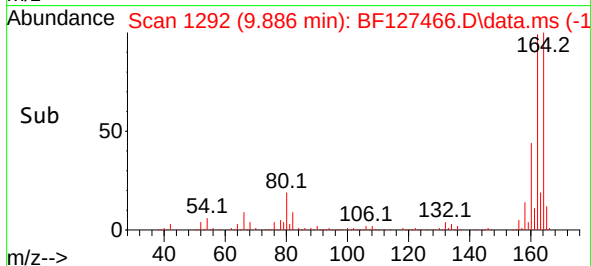
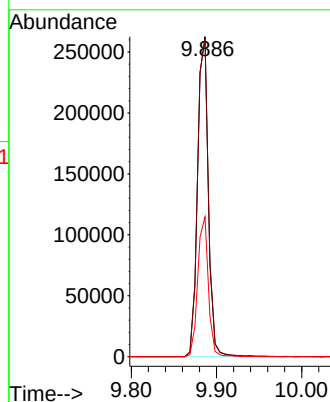
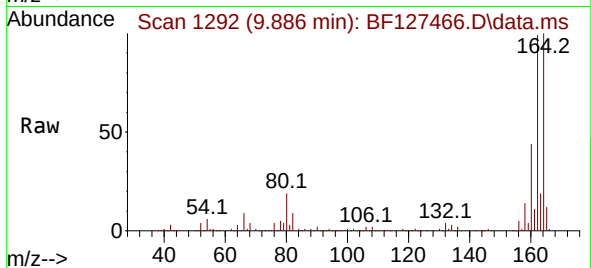
Tgt Ion:164 Resp: 231089

Ion Ratio Lower Upper

164 100

162 99.3 81.2 121.8

160 43.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 83.430 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

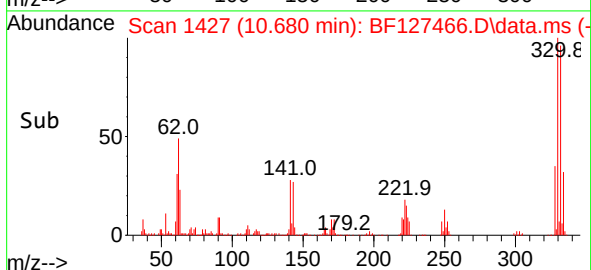
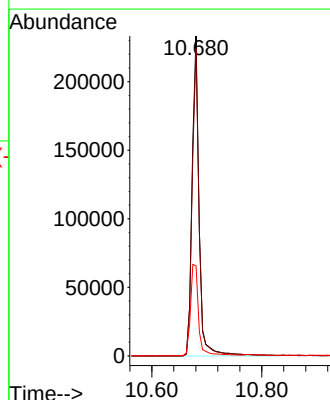
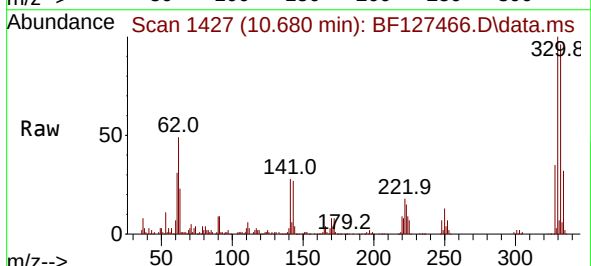
Tgt Ion:330 Resp: 205378

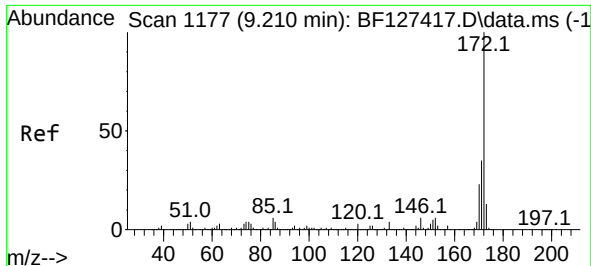
Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

141 33.2 26.2 39.4

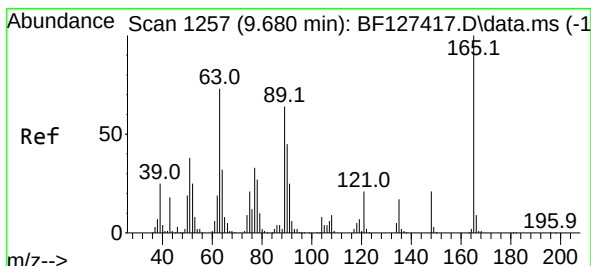
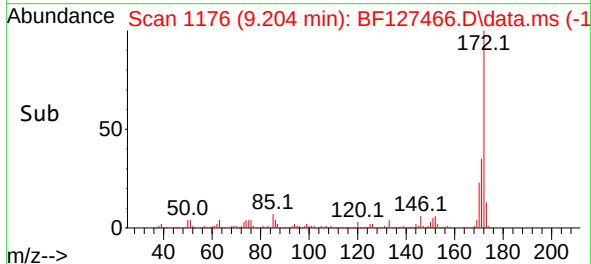
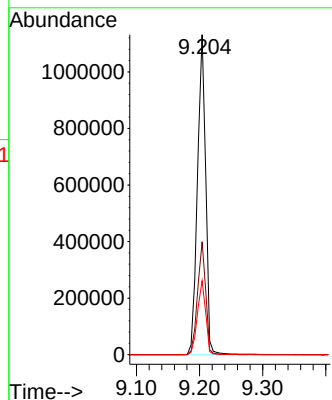
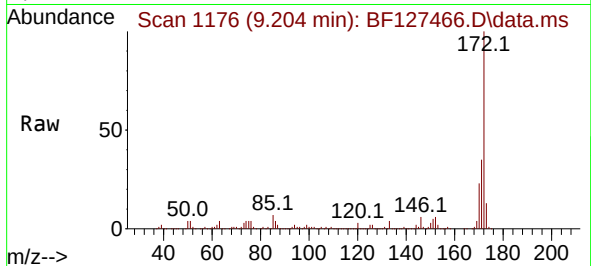




#45
2-Fluorobiphenyl
Concen: 64.684 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

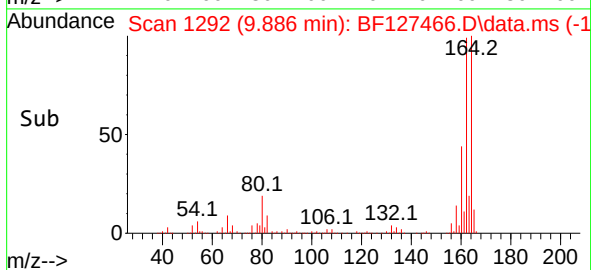
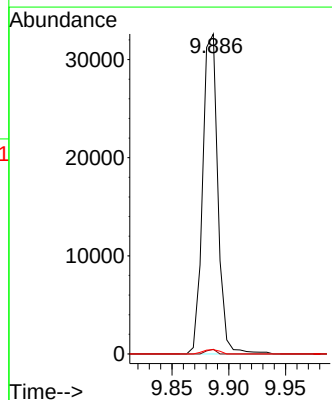
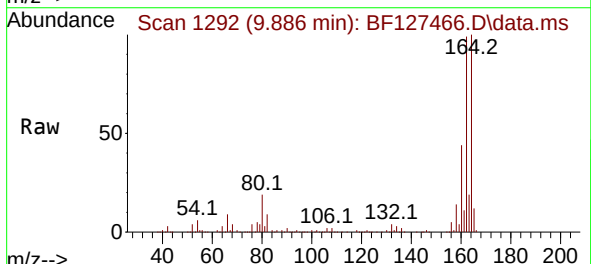
Instrument :
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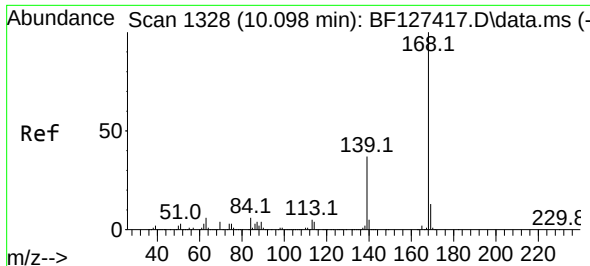
Tgt Ion:172 Resp: 1023664
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.012 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:165 Resp: 30411
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.4 51.5 77.3#

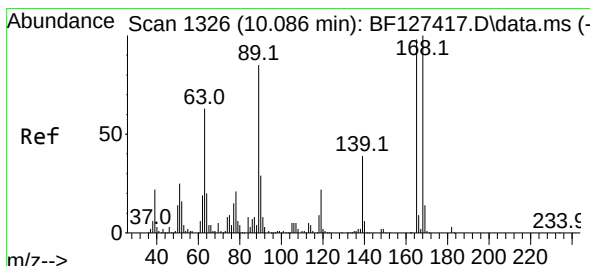
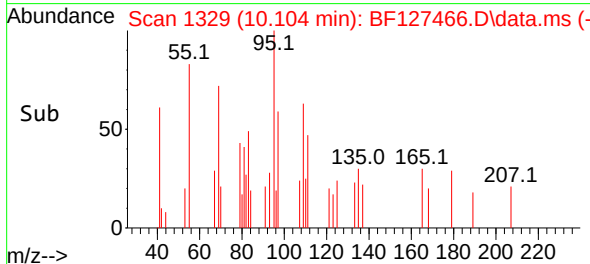
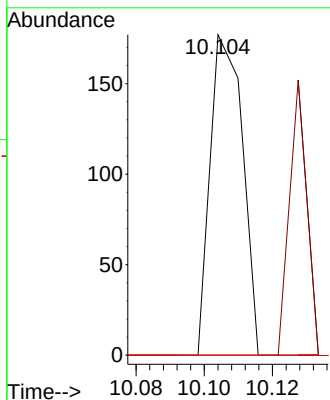
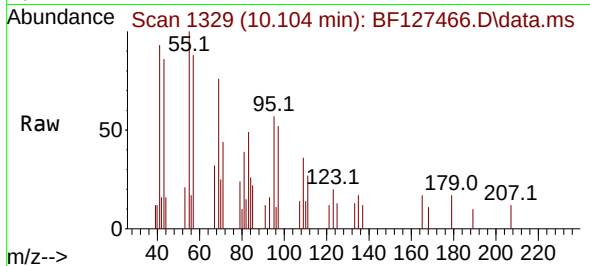




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

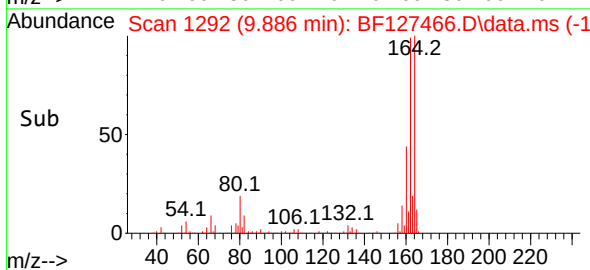
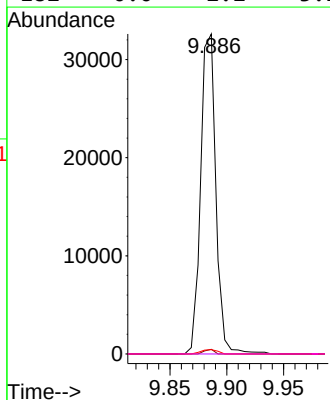
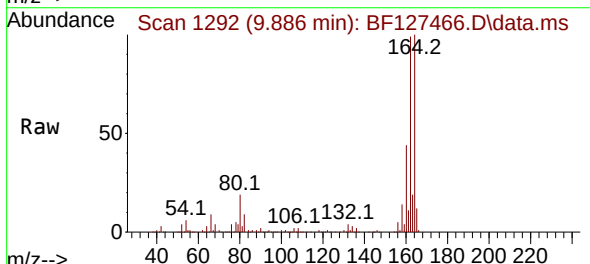
Instrument :
BNA_F
ClientSampleId :
C-E

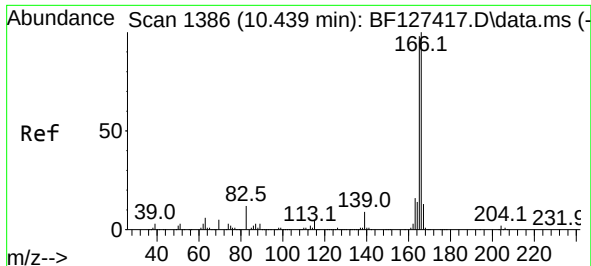
Tgt Ion:168 Resp: 116
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:165 Resp: 30411
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#

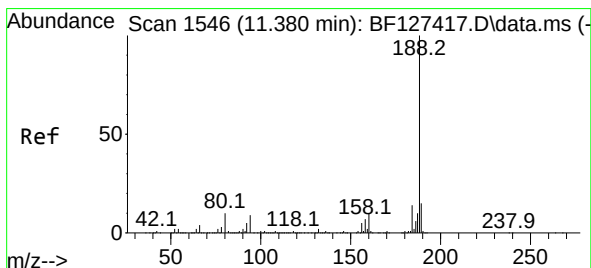
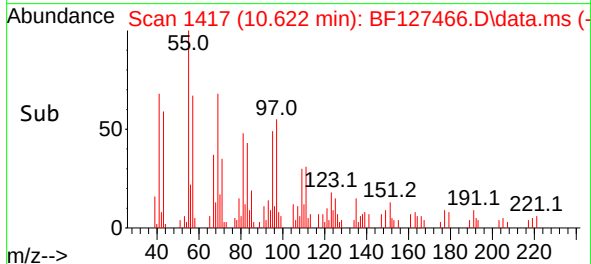
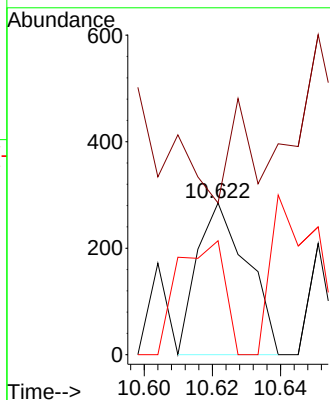
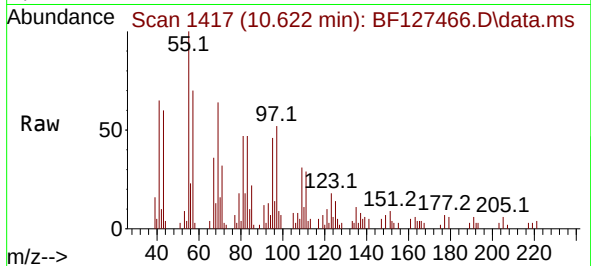




#58
Fluorene
Concen: Below Cal
RT: 10.622 min Scan# 1417
Delta R.T. 0.183 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

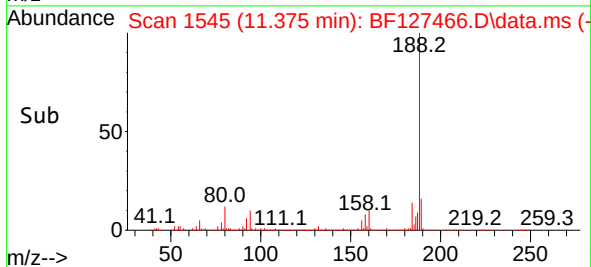
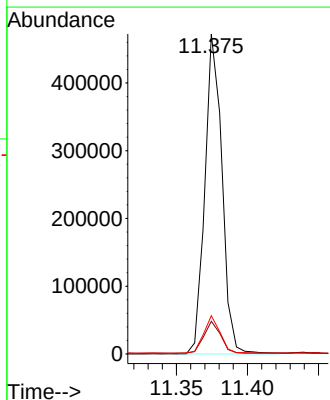
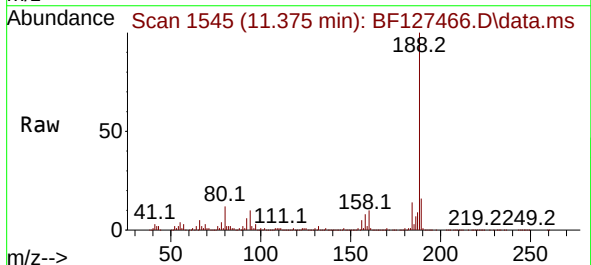
Instrument :
BNA_F
ClientSampleId :
C-E

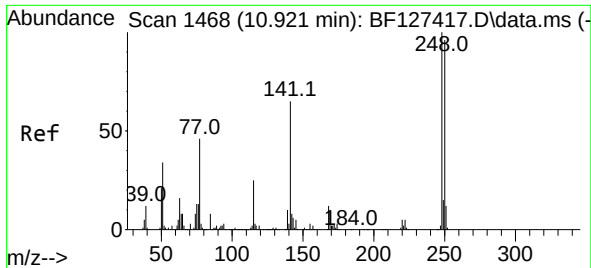
Tgt Ion:166 Resp: 292
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 75.1 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:188 Resp: 397205
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.9 8.0 12.0

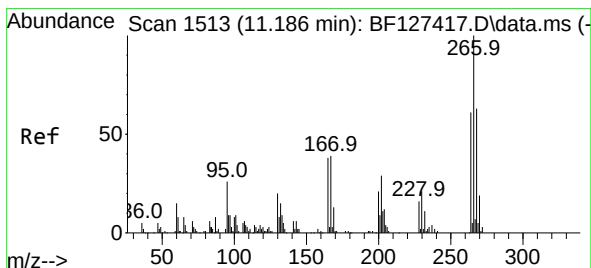
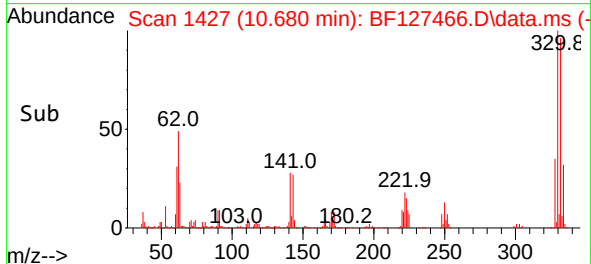
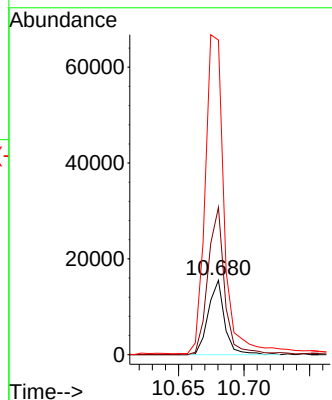
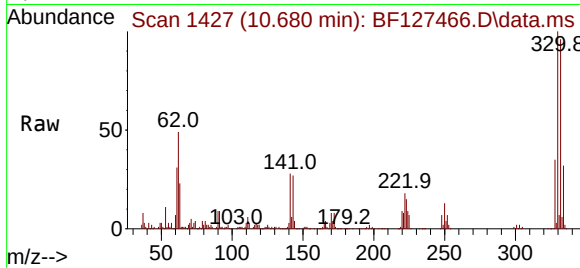




#67
4-Bromophenyl-phenylether
Concen: 2.920 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

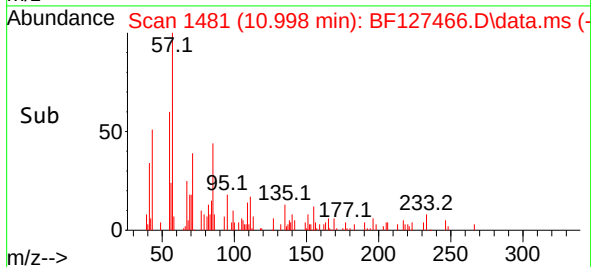
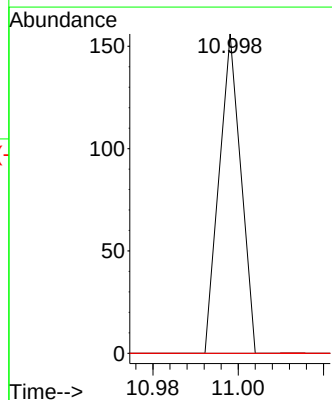
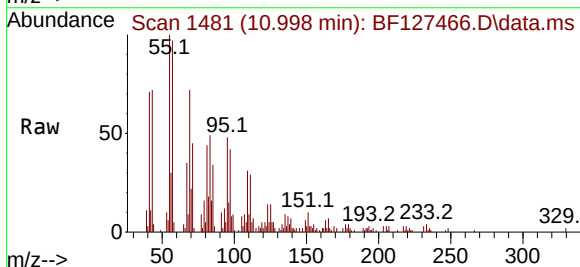
Instrument :
BNA_F
ClientSampleId :
C-E

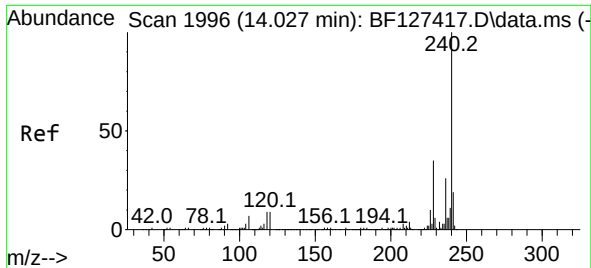
Tgt Ion:248 Resp: 13542
Ion Ratio Lower Upper
248 100
250 198.0 76.6 115.0#
141 422.9 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.767 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.188 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

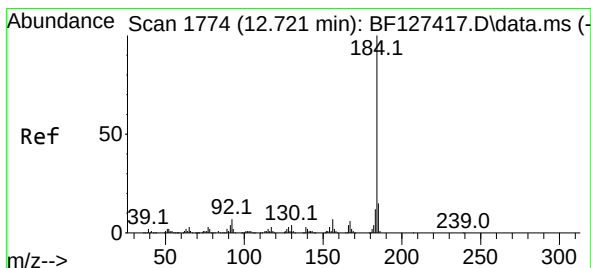
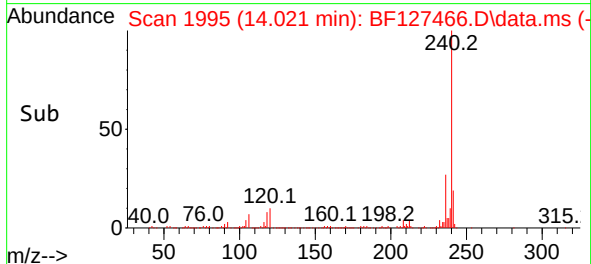
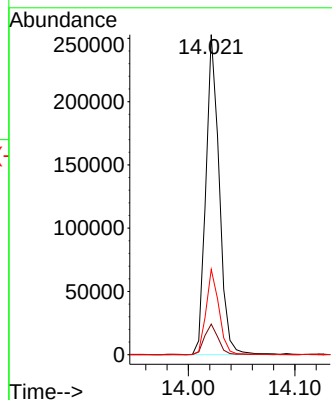
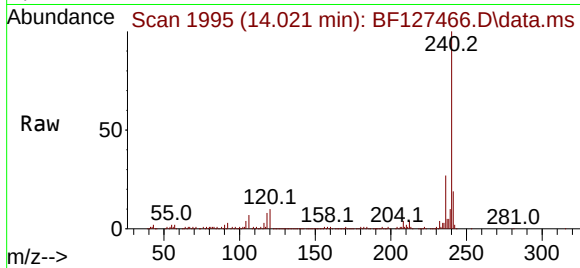




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

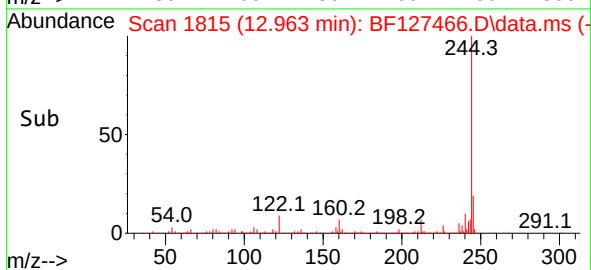
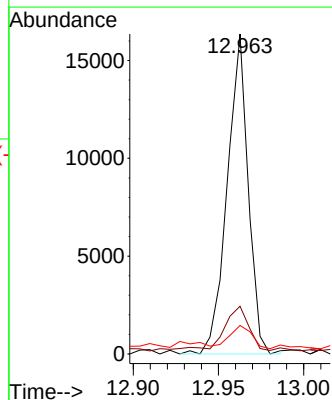
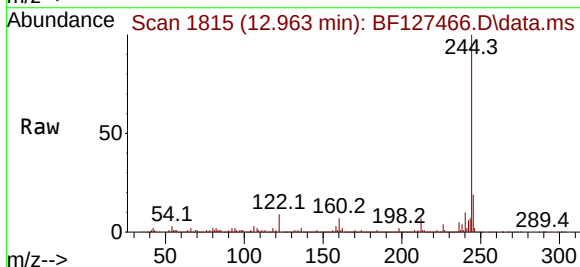
Instrument :
BNA_F
ClientSampleId :
C-E

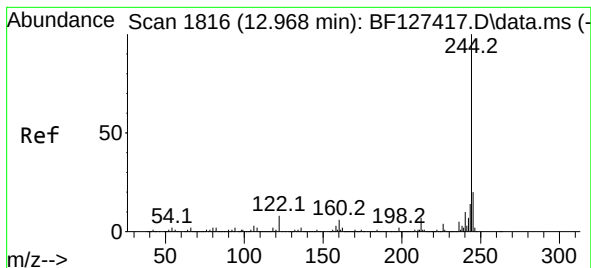
Tgt Ion:240 Resp: 221578
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.6 20.7 31.1



#77
Benzidine
Concen: 2.655 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:184 Resp: 14027
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 8.9 9.4 14.0#





#79

Terphenyl-d14

Concen: 78.364 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

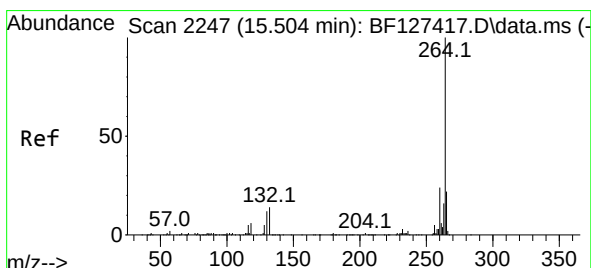
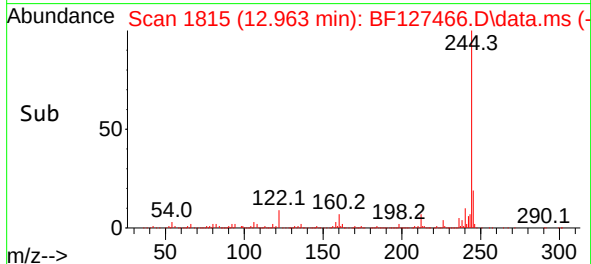
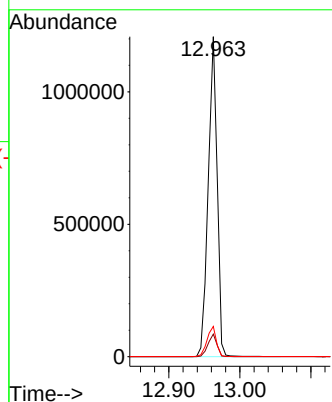
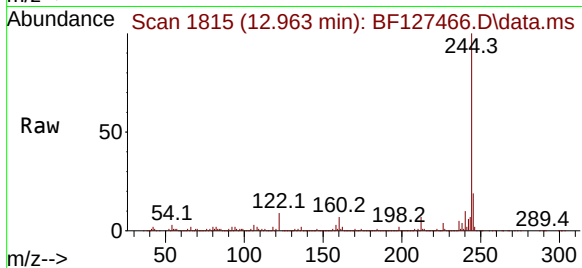
Tgt Ion:244 Resp: 1060696

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.5 6.2 9.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Tgt Ion:264 Resp: 204792

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.8 17.4 26.2

