

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127440.D
 Acq On : 22 Mar 2022 07:33
 Operator : CG\JU
 Sample : N1962-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 08:02:20 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)

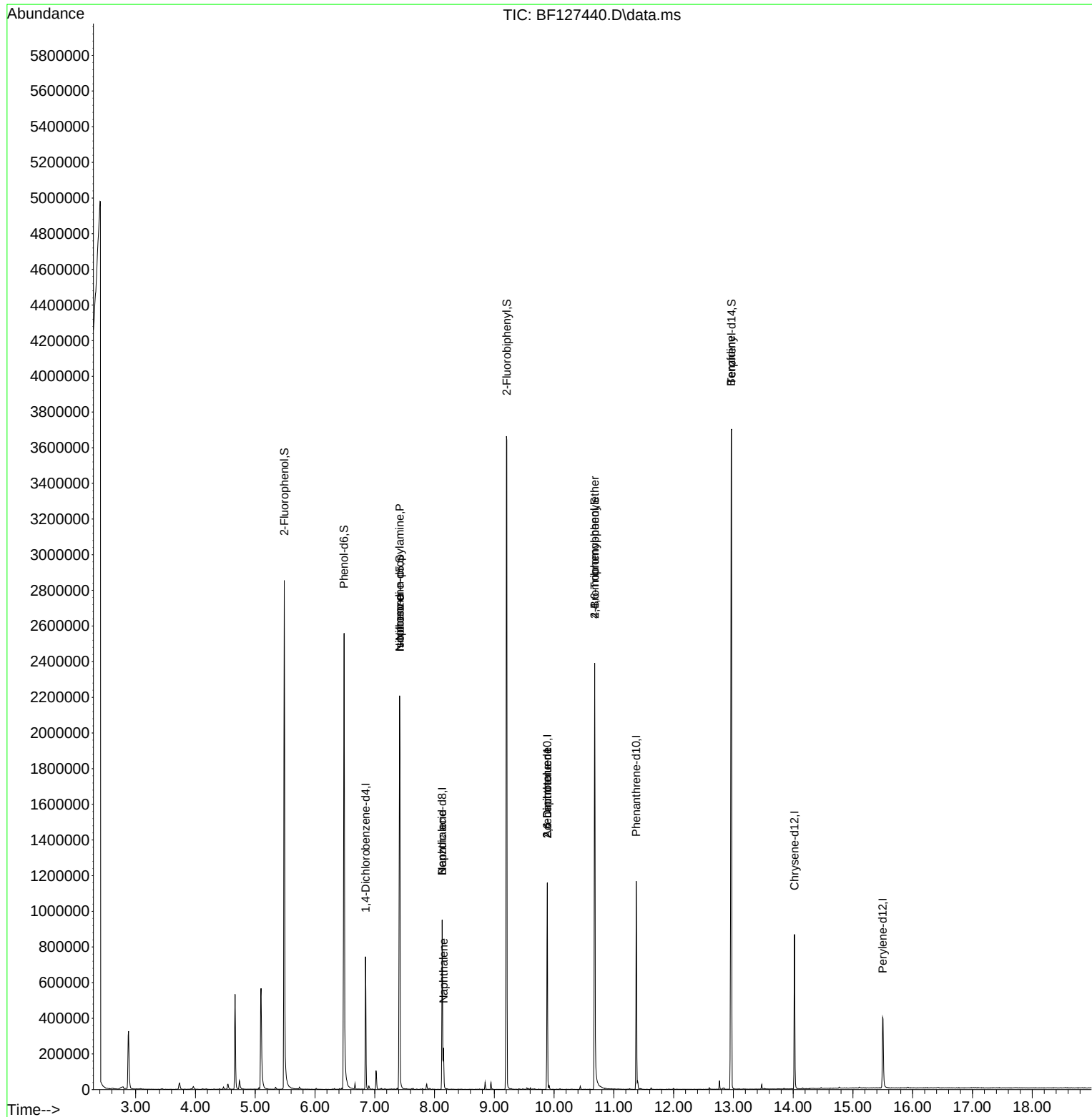
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101610	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	372928	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	217315	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	396196	20.000	ng	0.00
76) Chrysene-d12	14.021	240	285391	20.000	ng	0.00
86) Perylene-d12	15.498	264	201501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	755714	118.717	ng	0.02
7) Phenol-d6	6.487	99	935115	107.468	ng	0.00
23) Nitrobenzene-d5	7.416	82	788784	90.412	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	309337	133.625	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1310777	88.077	ng	0.00
79) Terphenyl-d14	12.968	244	1541467	88.419	ng	0.00
Target Compounds						
9) Benzaldehyde	6.416	77	235	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	106783	20.473	ng	# 80
25) Isophorone	7.416	82	788776	56.765	ng	# 70
31) Naphthalene	8.151	128	91862	4.640	ng	# 99
32) Benzoic acid	8.128	122	63	6.061	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	27559	8.684	ng	# 17
55) Dibenzofuran	10.104	168	2044	Below Cal	#	88
57) 2,4-Dinitrotoluene	9.886	165	27559	6.747	ng	# 13
58) Fluorene	10.439	166	4731	Below Cal		95
67) 4-Bromophenyl-phenylether	10.680	248	19976	4.319	ng	# 1
77) Benzidine	12.963	184	19525	2.869	ng	# 93

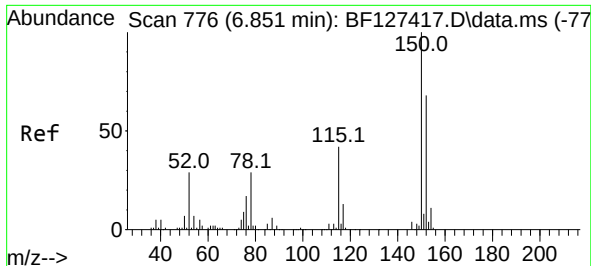
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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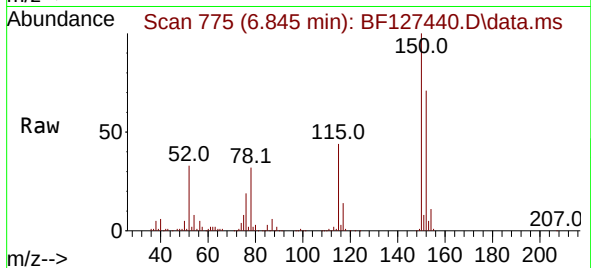
Quant Time: Mar 22 08:02:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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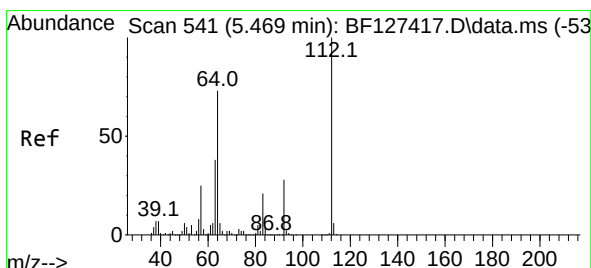
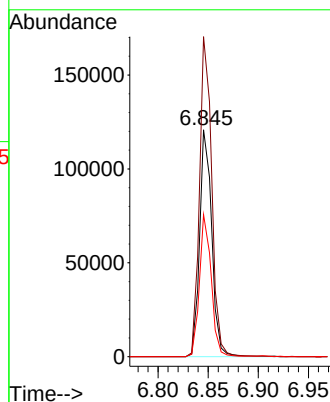
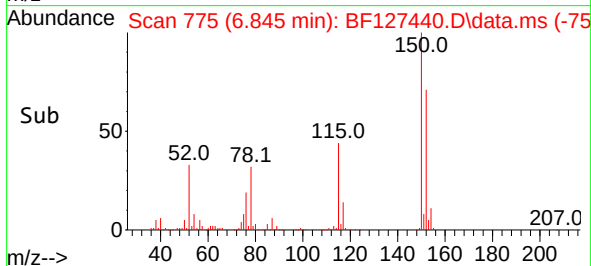


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127440.D
 Acq: 22 Mar 2022 07:33

Instrument :
 BNA_F
 ClientSampleId :

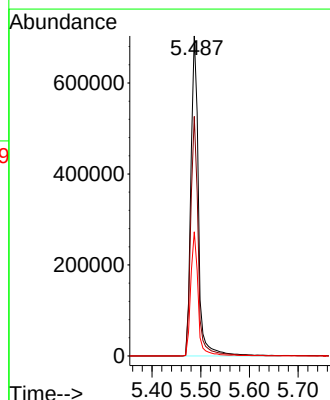
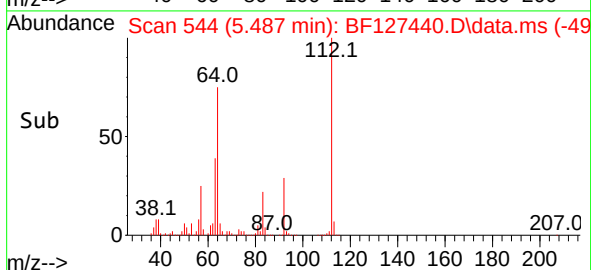
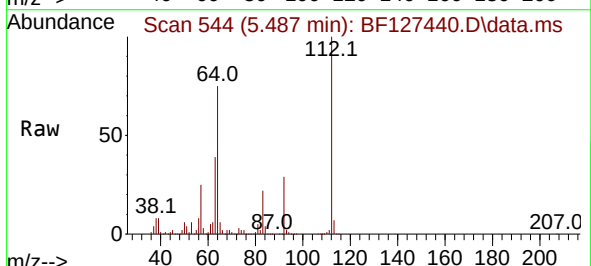


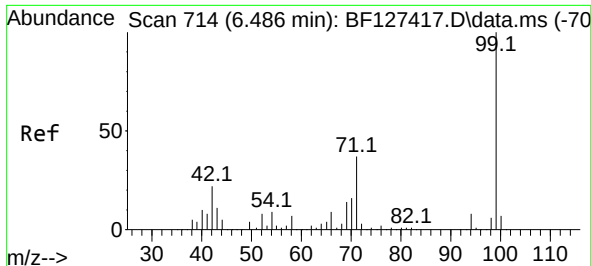
Tgt Ion:152 Resp: 101610
 Ion Ratio Lower Upper
 152 100
 150 141.0 117.2 175.8
 115 62.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 118.717 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.018 min
 Lab File: BF127440.D
 Acq: 22 Mar 2022 07:33

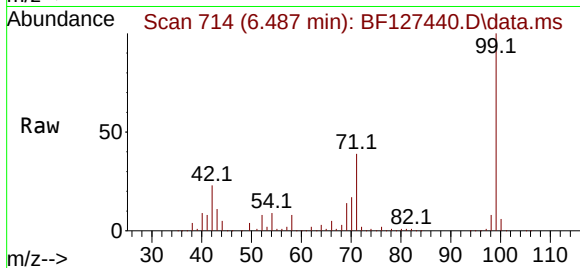
Tgt Ion:112 Resp: 755714
 Ion Ratio Lower Upper
 112 100
 64 74.8 58.4 87.6
 63 38.8 30.1 45.1



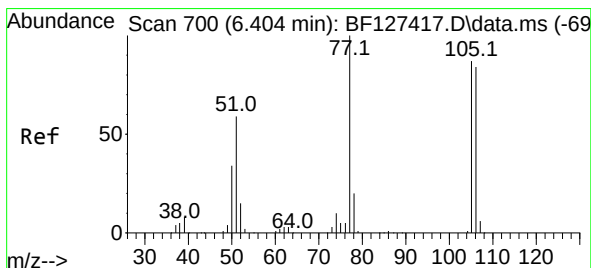
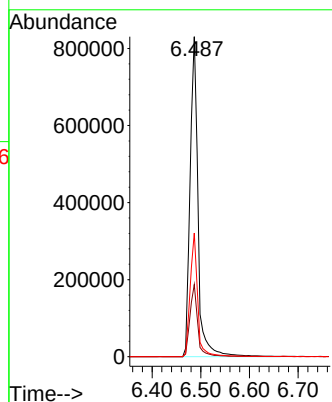
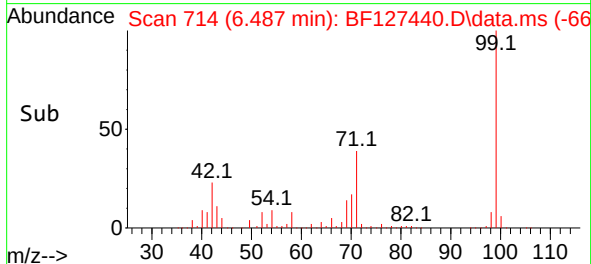


#7
Phenol-d6
Concen: 107.468 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

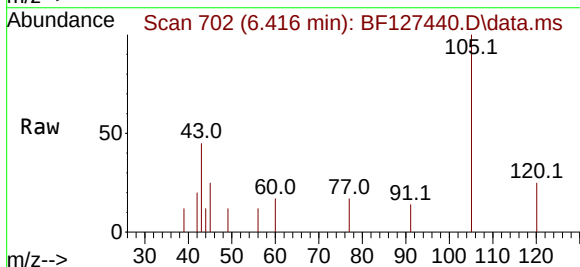
Instrument :
BNA_F
ClientSampleId :



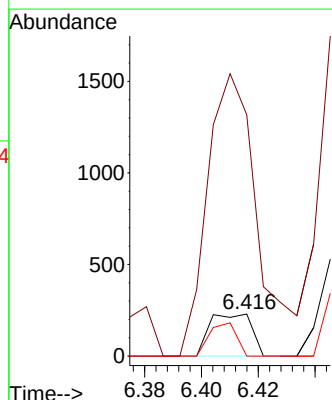
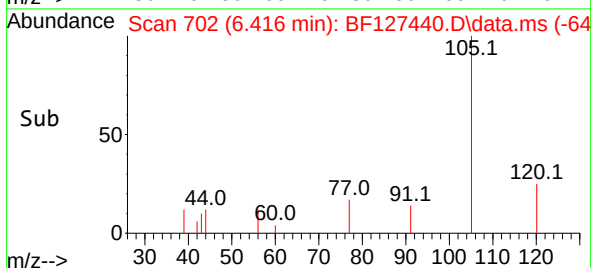
Tgt Ion: 99 Resp: 935115
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 38.6 29.6 44.4

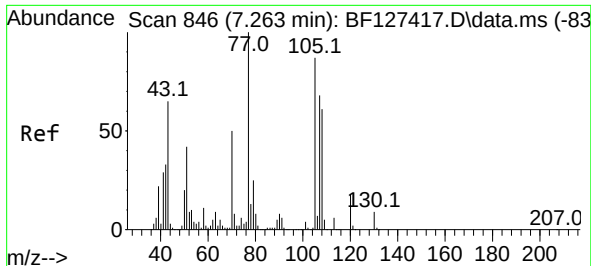


#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 702
Delta R.T. 0.012 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33



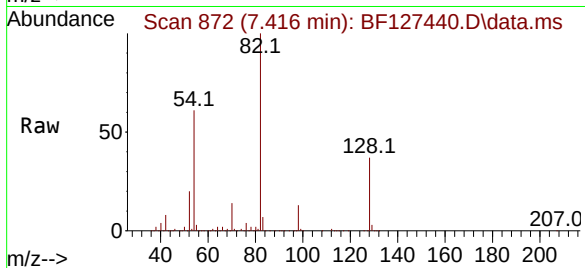
Tgt Ion: 77 Resp: 235
Ion Ratio Lower Upper
77 100
105 575.1 66.8 106.8#
106 0.0 64.3 104.3#



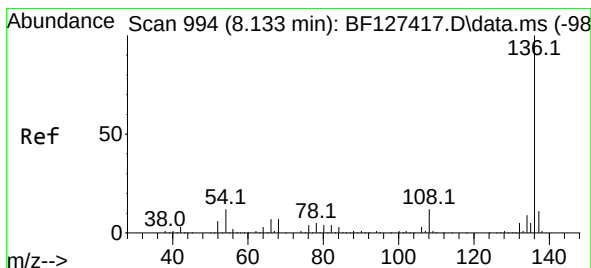
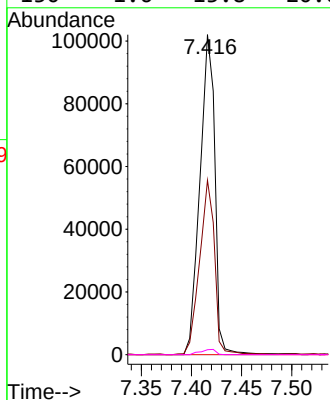
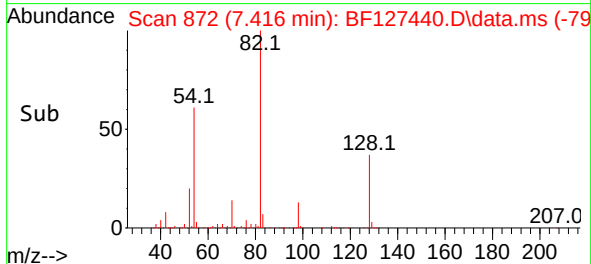


#19
n-Nitroso-di-n-propylamine
Concen: 20.473 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

Instrument :
BNA_F
ClientSampleId :

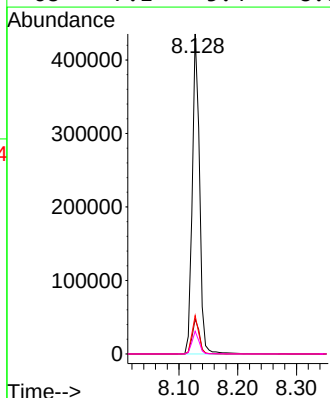
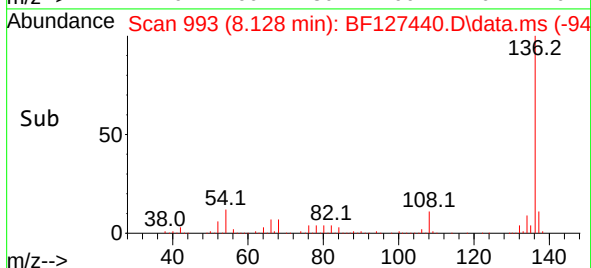
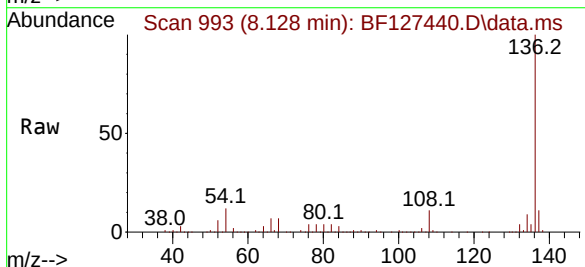


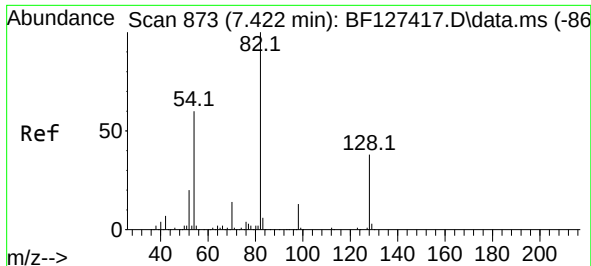
Tgt Ion: 70 Resp: 106783
Ion Ratio Lower Upper
70 100
42 54.5 53.0 79.6
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

Tgt Ion: 136 Resp: 372928
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.0 9.2 13.8
68 7.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.412 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

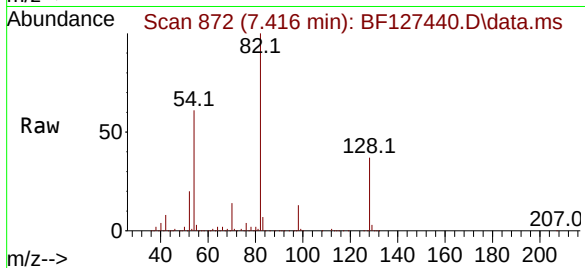
Lab File: BF127440.D

Acq: 22 Mar 2022 07:33

Instrument :

BNA_F

ClientSampleId :



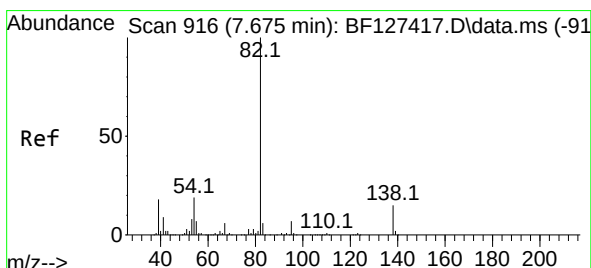
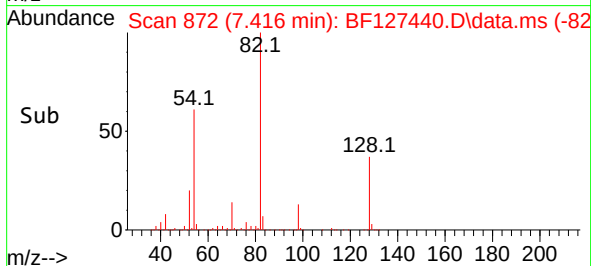
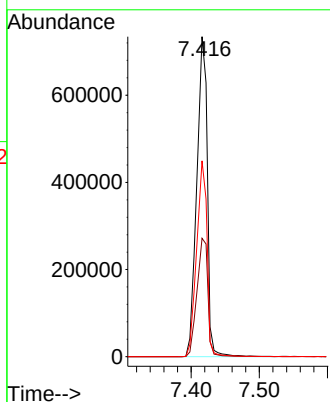
Tgt Ion: 82 Resp: 788784

Ion Ratio Lower Upper

82 100

128 37.0 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 56.765 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127440.D

Acq: 22 Mar 2022 07:33

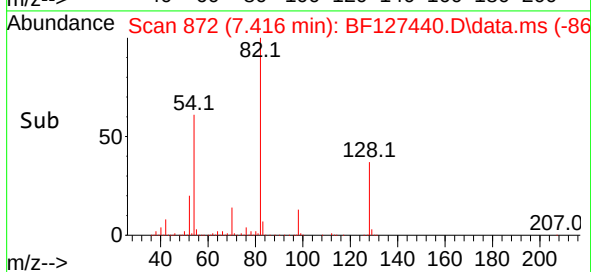
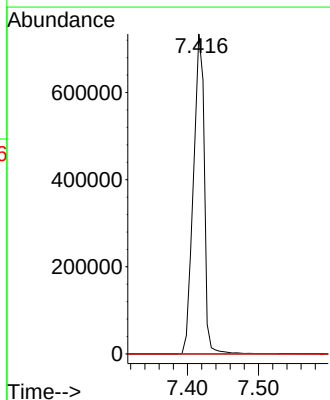
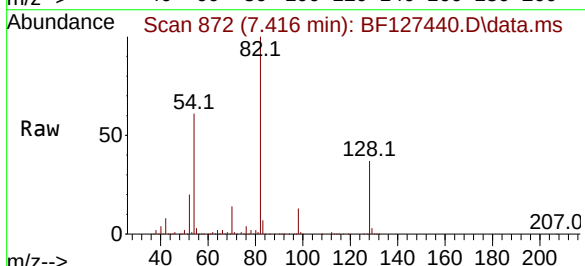
Tgt Ion: 82 Resp: 788776

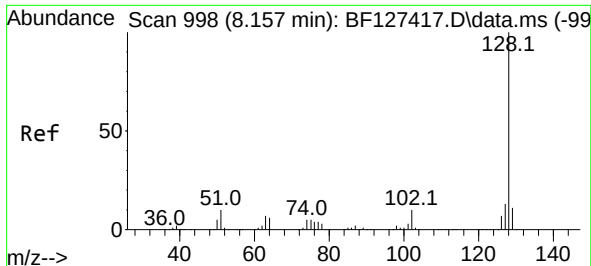
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#31

Naphthalene

Concen: 4.640 ng

RT: 8.151 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF127440.D

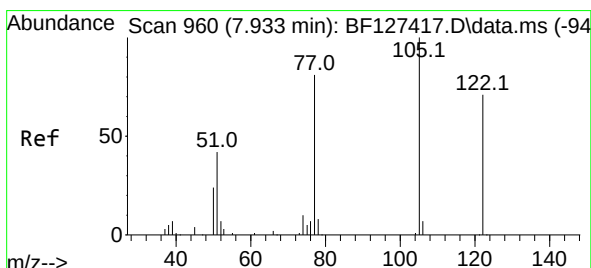
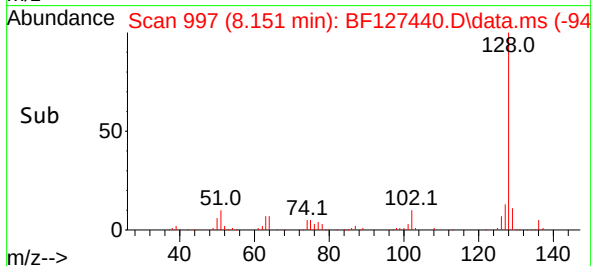
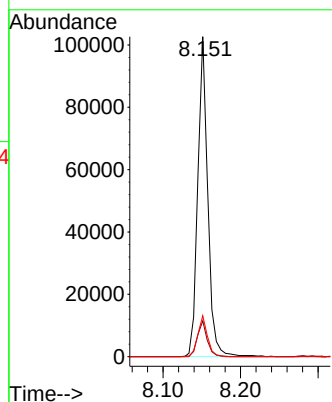
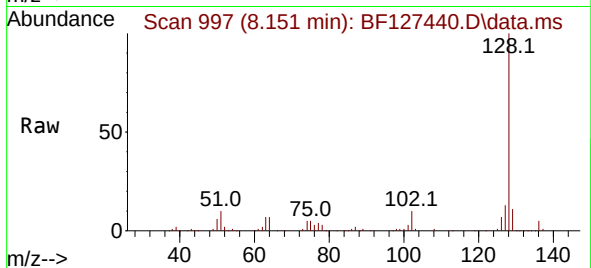
Acq: 22 Mar 2022 07:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:128	Resp:	91862
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.4 12.6
127	12.8	10.2 15.2



#32

Benzoic acid

Concen: 6.061 ng

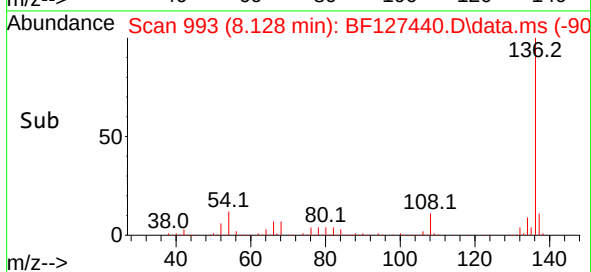
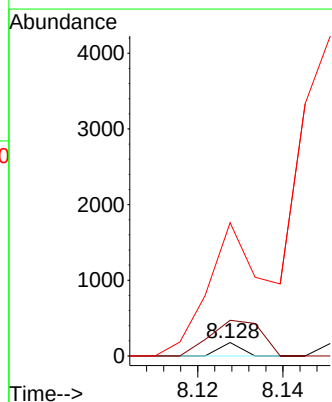
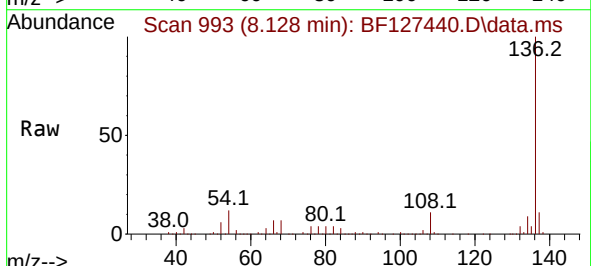
RT: 8.128 min Scan# 993

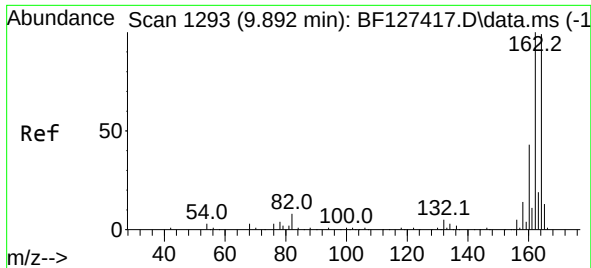
Delta R.T. 0.195 min

Lab File: BF127440.D

Acq: 22 Mar 2022 07:33

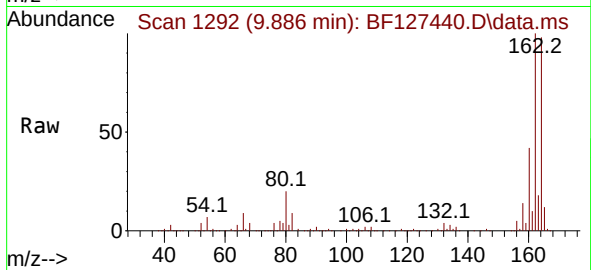
Tgt Ion:122	Resp:	63
Ion Ratio	Lower	Upper
122	100	
105	264.6	117.1 157.1#
77	989.9	93.0 133.0#



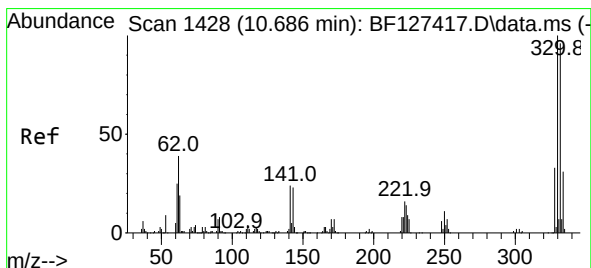
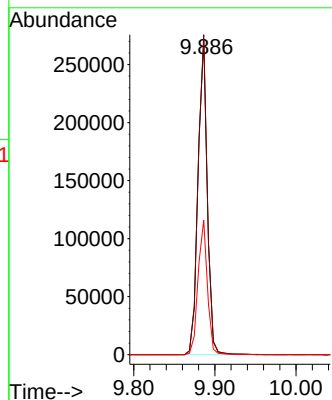
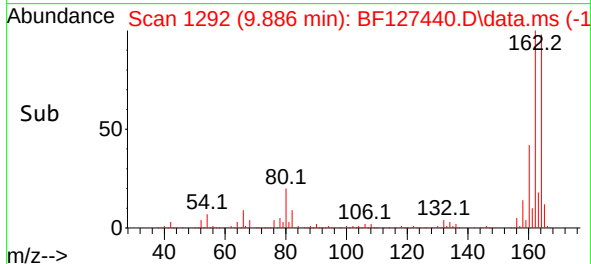


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

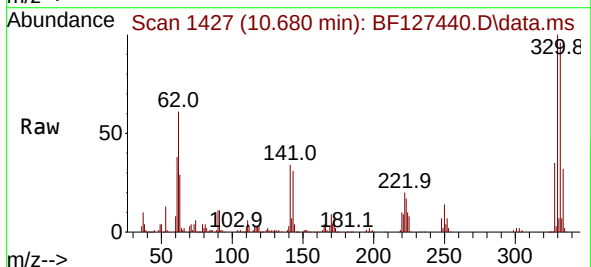
Instrument :
BNA_F
ClientSampleId :



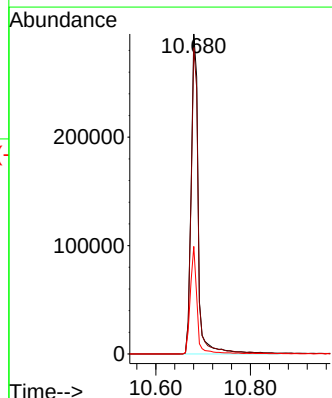
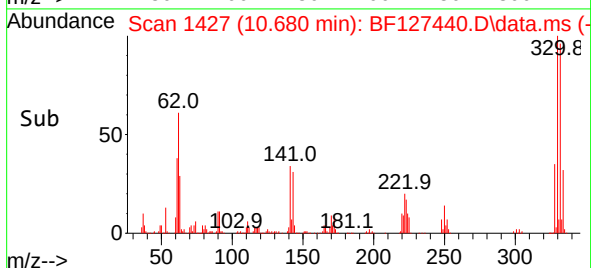
Tgt Ion:164 Resp: 217315
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 42.7 34.6 52.0

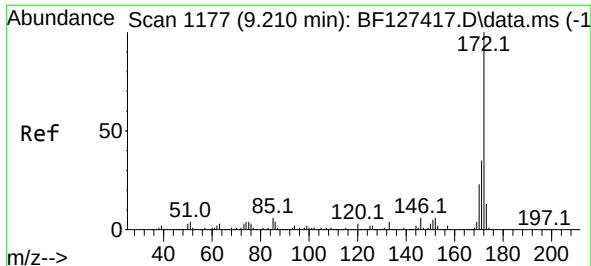


#42
2,4,6-Tribromophenol
Concen: 133.625 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33



Tgt Ion:330 Resp: 309337
Ion Ratio Lower Upper
330 100
332 94.8 79.1 118.7
141 31.7 26.2 39.4

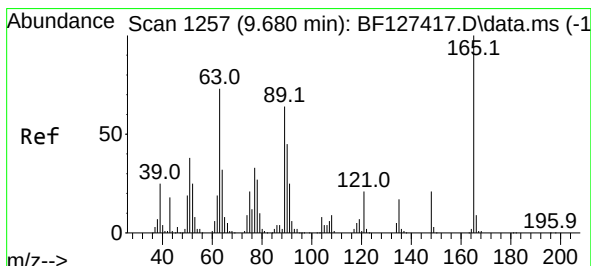
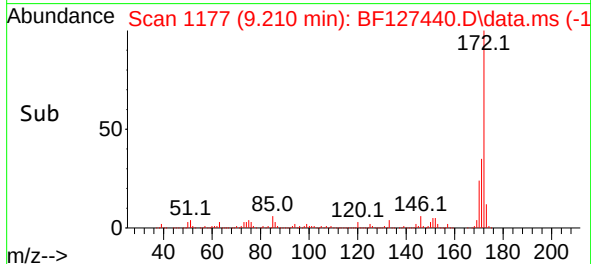
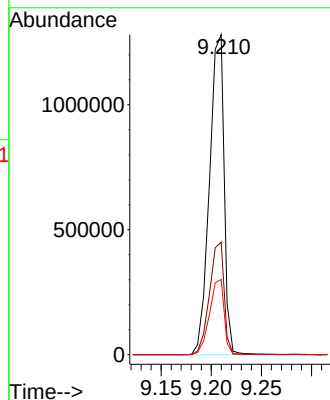
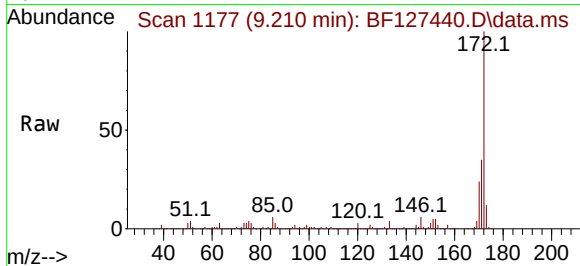




#45
2-Fluorobiphenyl
Concen: 88.077 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

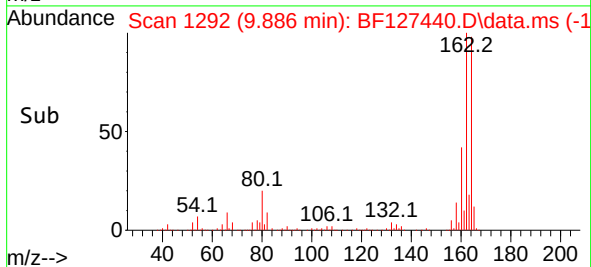
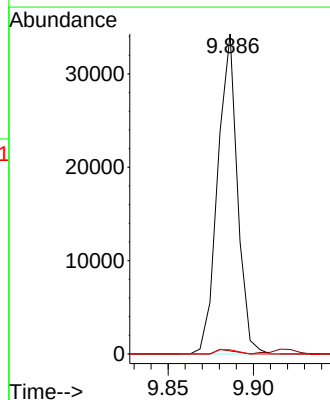
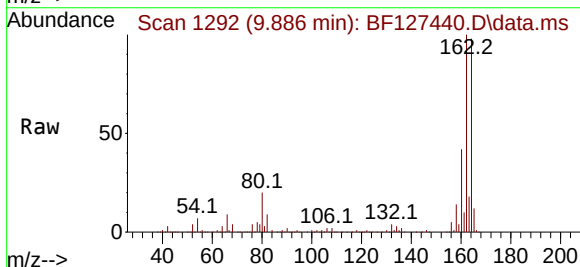
Instrument :
BNA_F
ClientSampleId :

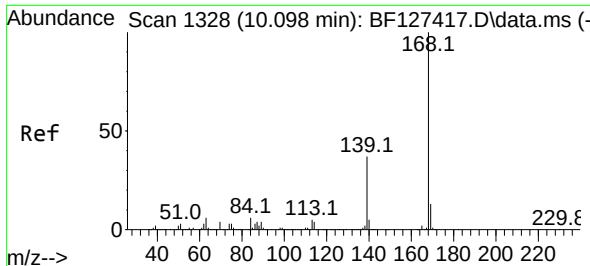
Tgt Ion:172 Resp: 1310777
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

Tgt Ion:165 Resp: 27559
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.3 51.5 77.3#

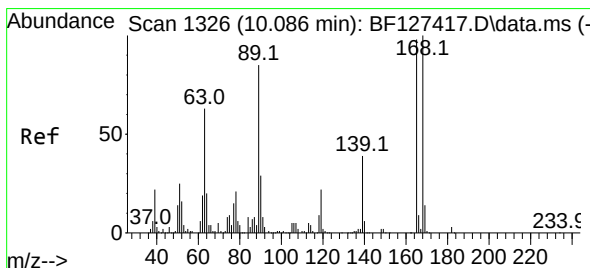
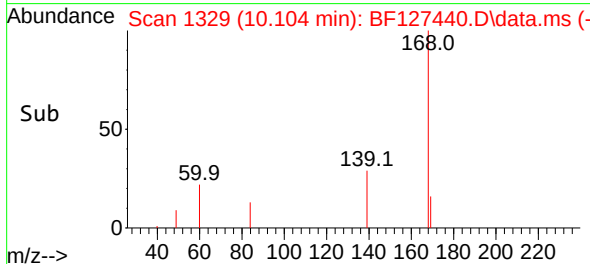
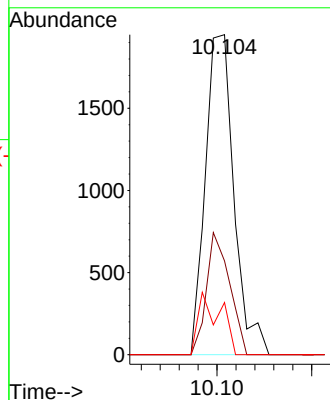
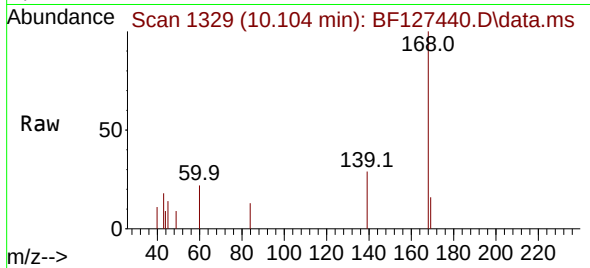




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

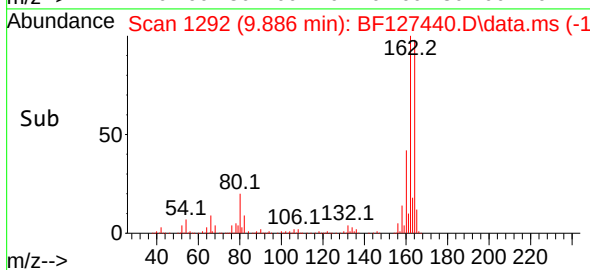
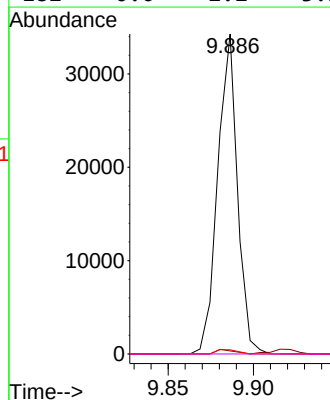
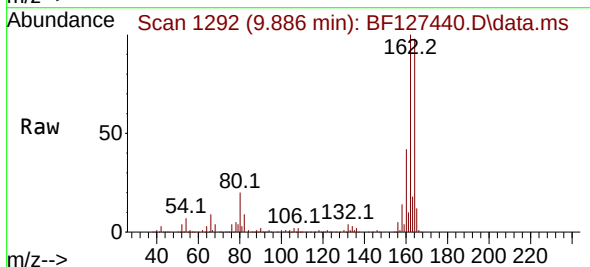
Instrument :
BNA_F
ClientSampleId :

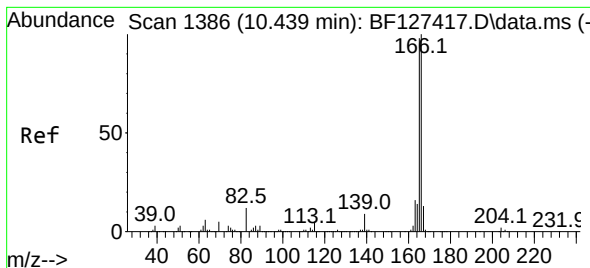
Tgt Ion:168 Resp: 2044
Ion Ratio Lower Upper
168 100
139 29.3 30.3 45.5#
169 16.3 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.747 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

Tgt Ion:165 Resp: 27559
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.439 min Scan# 11

Delta R.T. 0.000 min

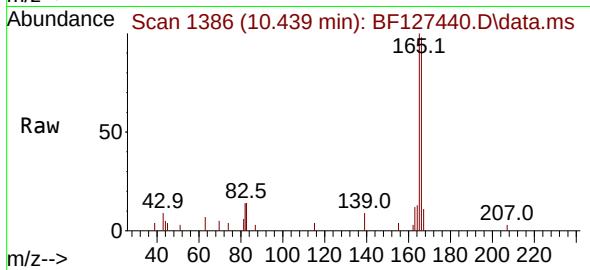
Lab File: BF127440.D

Acq: 22 Mar 2022 07:33

Instrument :

BNA_F

ClientSampleId :



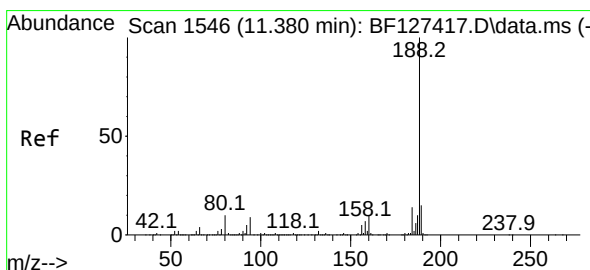
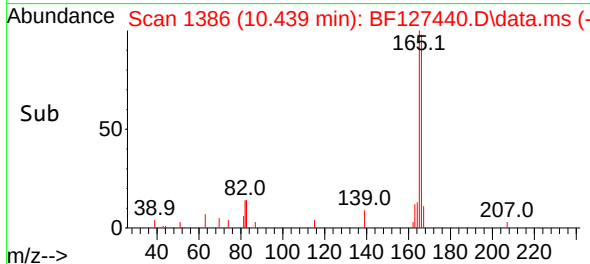
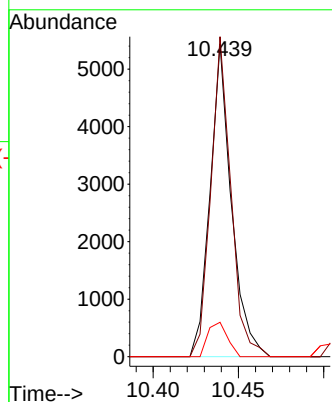
Tgt Ion:166 Resp: 4731

Ion Ratio Lower Upper

166 100

165 102.3 78.1 117.1

167 11.0 10.5 15.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127440.D

Acq: 22 Mar 2022 07:33

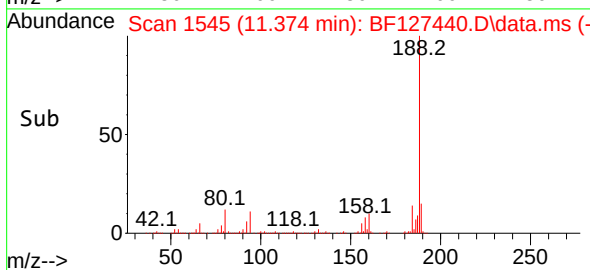
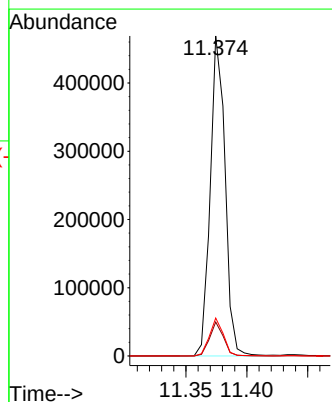
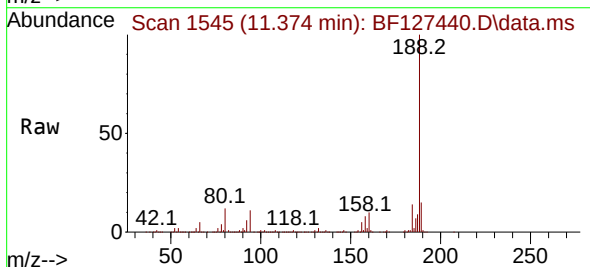
Tgt Ion:188 Resp: 396196

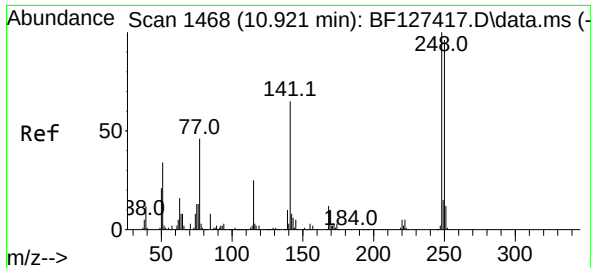
Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.0

80 11.8 8.0 12.0

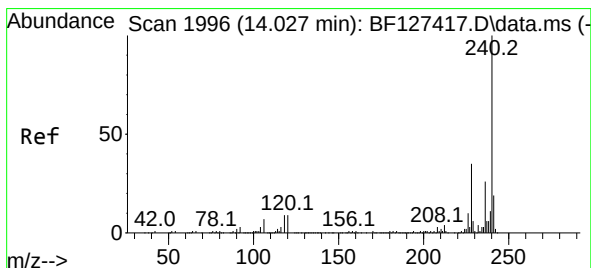
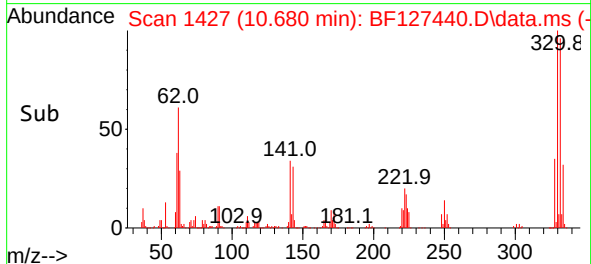
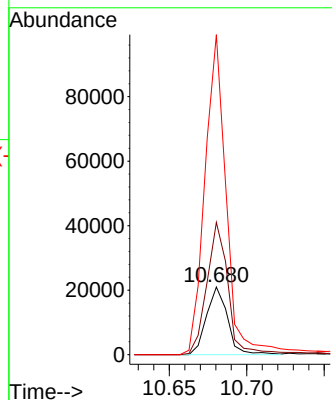
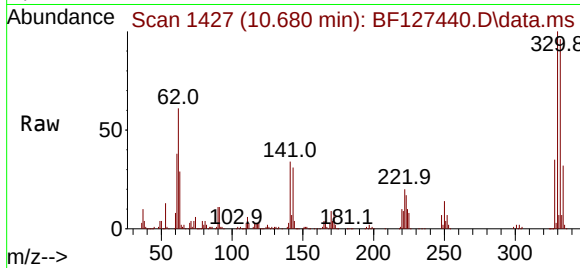




#67
4-Bromophenyl-phenylether
Concen: 4.319 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

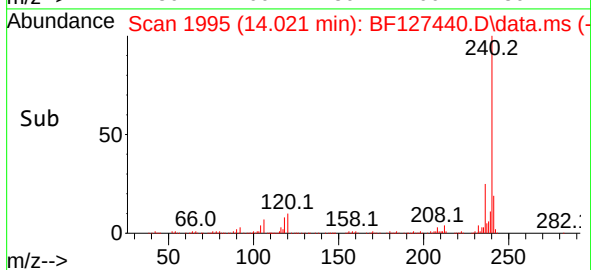
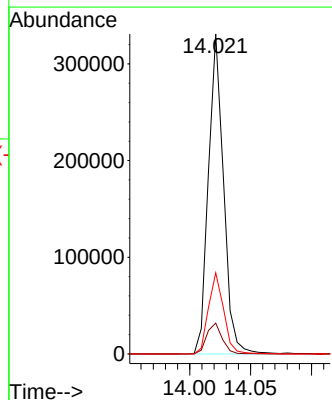
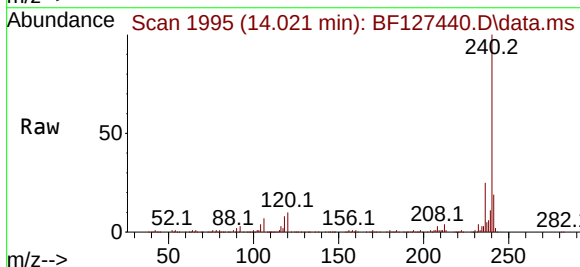
Instrument :
BNA_F
ClientSampleId :

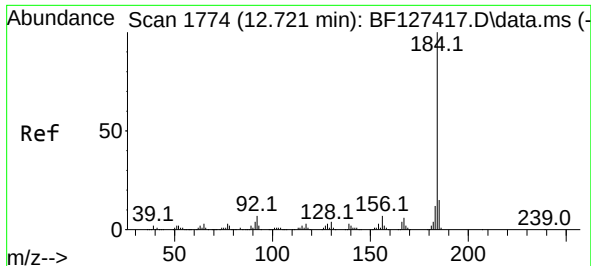
Tgt Ion:248 Resp: 19976
Ion Ratio Lower Upper
248 100
250 195.2 76.6 115.0#
141 472.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

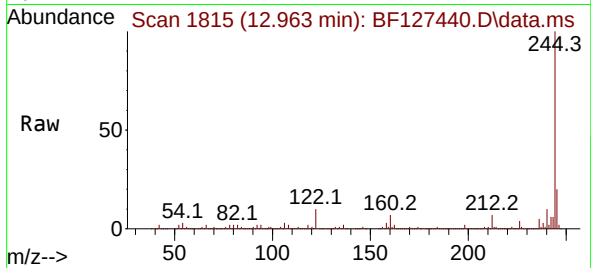
Tgt Ion:240 Resp: 285391
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.4 20.7 31.1



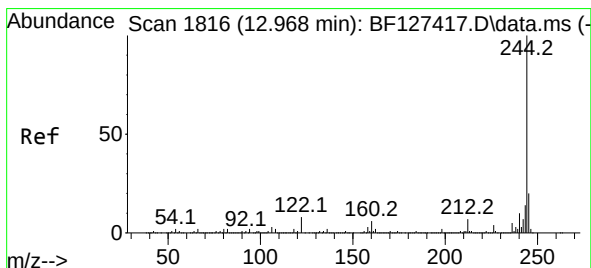
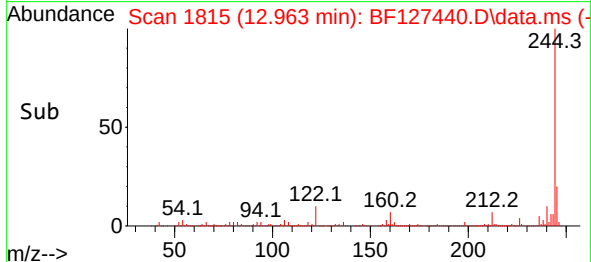
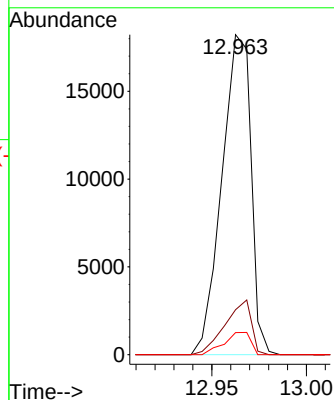


#77
Benzidine
Concen: 2.869 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

Instrument :
BNA_F
ClientSampleId :

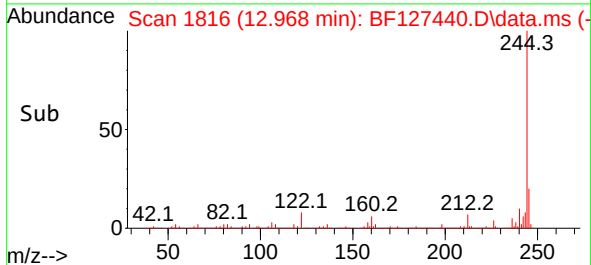
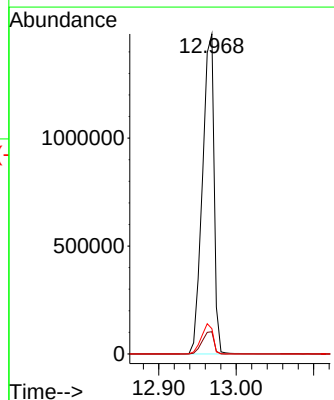
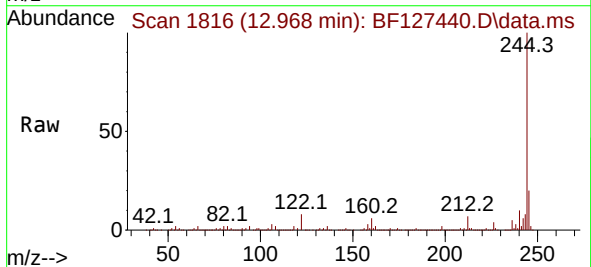


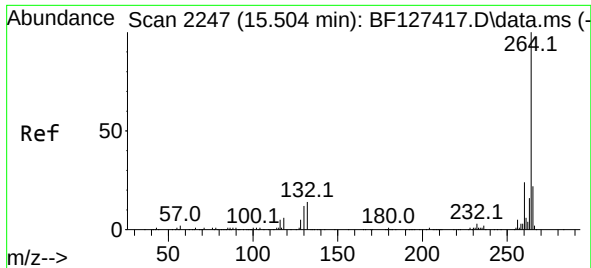
Tgt Ion:184 Resp: 19525
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.419 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127440.D
Acq: 22 Mar 2022 07:33

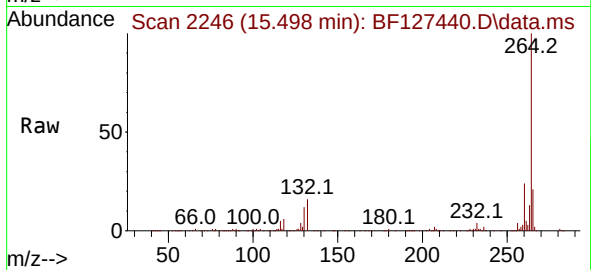
Tgt Ion:244 Resp: 1541467
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 7.9 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127440.D
 Acq: 22 Mar 2022 07:33

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 201501
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.4 17.4 26.2

