

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127444.D
 Acq On : 22 Mar 2022 09:28
 Operator : CG\JU
 Sample : N1962-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 15:23:40 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)

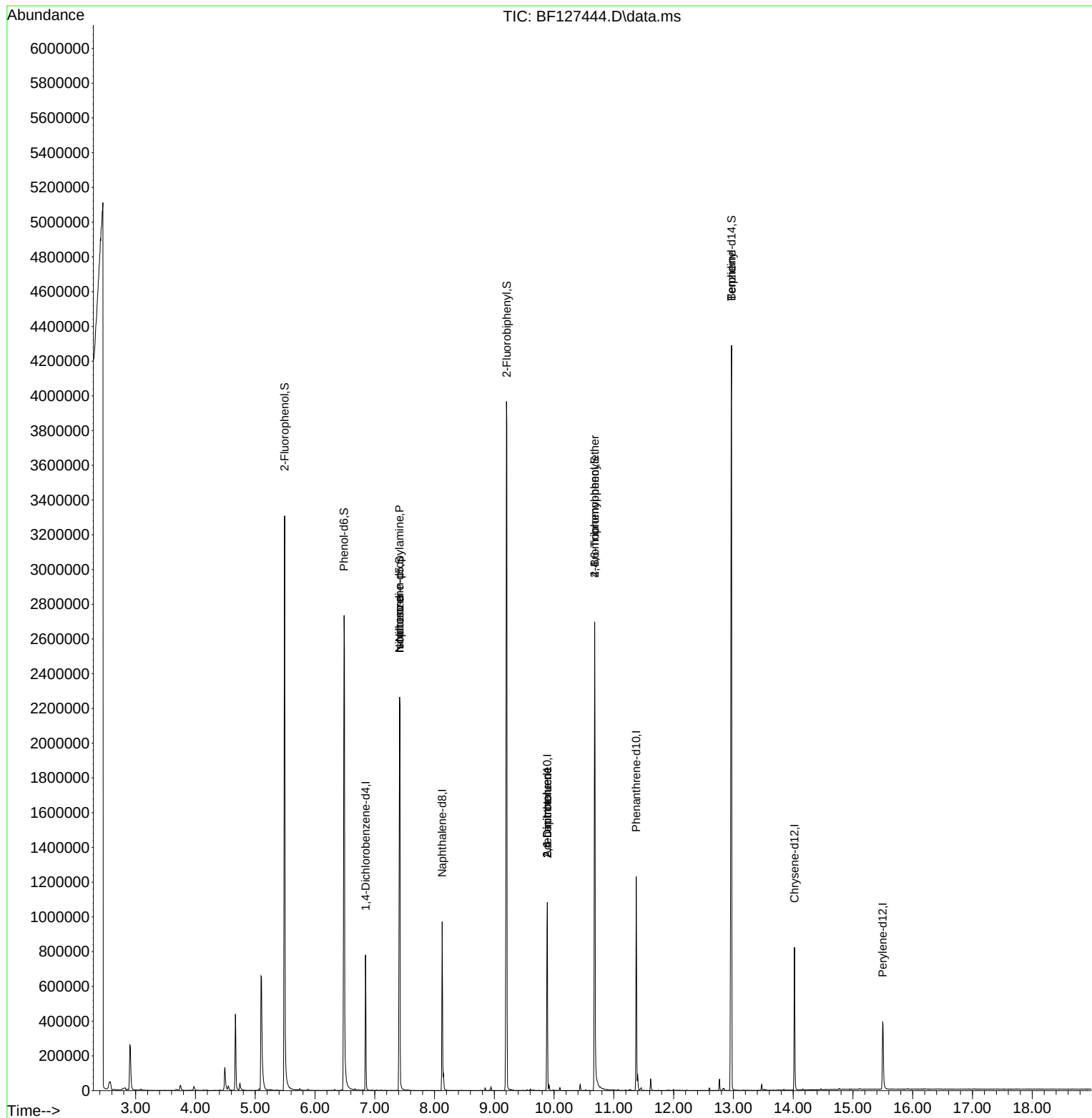
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	102628	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	377492	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221191	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	406035	20.000	ng	0.00
76) Chrysene-d12	14.021	240	272937	20.000	ng	0.00
86) Perylene-d12	15.498	264	194327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	863033	134.231	ng	0.02
7) Phenol-d6	6.487	99	1105297	125.766	ng	0.00
23) Nitrobenzene-d5	7.416	82	880407	99.694	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	367941	156.155	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1483342	97.925	ng	0.00
79) Terphenyl-d14	12.969	244	1747166	104.791	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1801	Below Cal	#	15
19) n-Nitroso-di-n-propyla...	7.416	70	121032	22.975	ng	# 80
25) Isophorone	7.416	82	880397	62.593	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	28684	8.880	ng	# 17
55) Dibenzofuran	10.098	168	7040	Below Cal		93
57) 2,4-Dinitrotoluene	9.886	165	28684	6.899	ng	# 13
58) Fluorene	10.439	166	10186	Below Cal		97
67) 4-Bromophenyl-phenylether	10.680	248	22345	4.714	ng	# 1
77) Benzidine	12.969	184	21368	3.283	ng	# 93

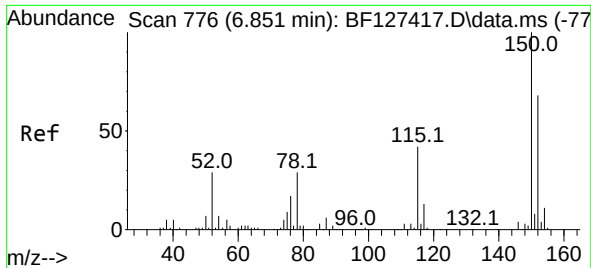
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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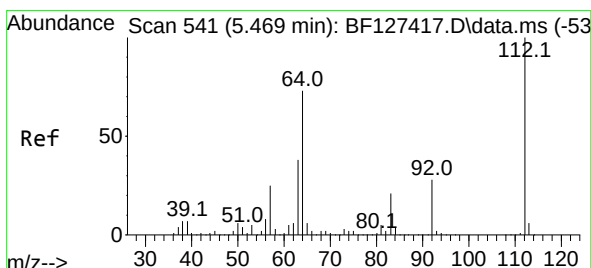
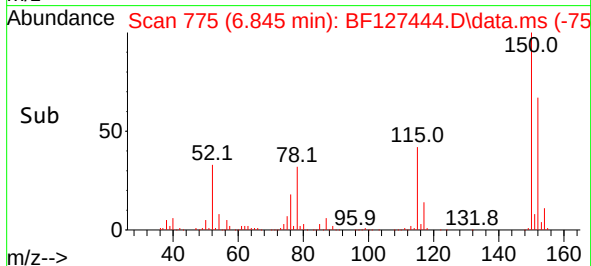
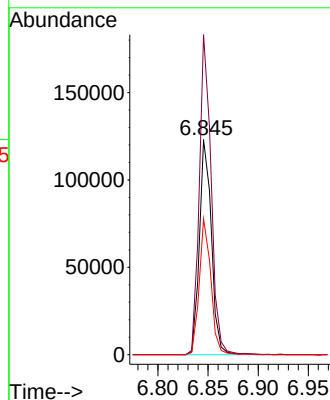
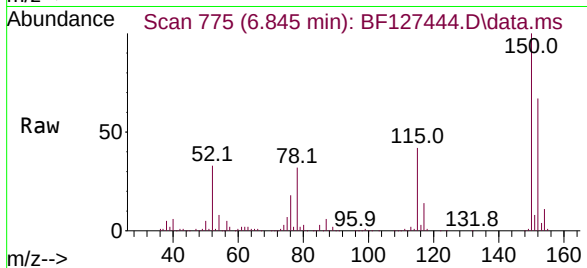




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127444.D
 Acq: 22 Mar 2022 09:28

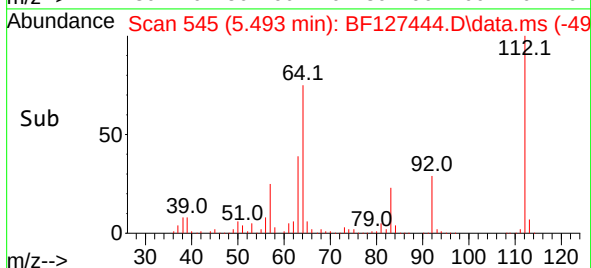
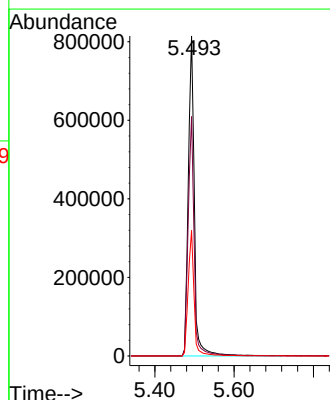
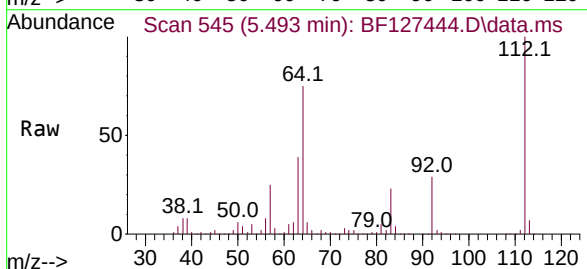
Instrument :
 BNA_F
 ClientSampleId :

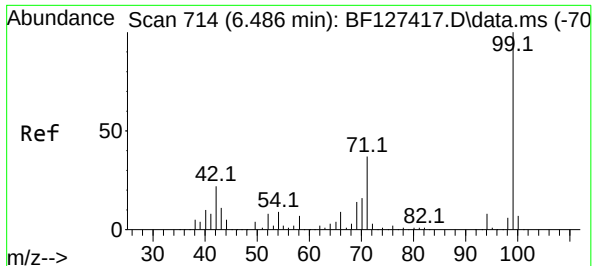
Tgt Ion:152 Resp: 102628
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.2 175.8
 115 63.2 49.8 74.6



#5
 2-Fluorophenol
 Concen: 134.231 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.024 min
 Lab File: BF127444.D
 Acq: 22 Mar 2022 09:28

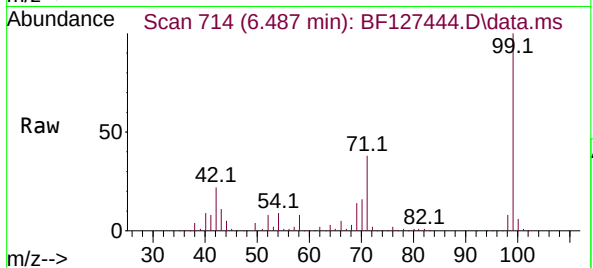
Tgt Ion:112 Resp: 863033
 Ion Ratio Lower Upper
 112 100
 64 74.8 58.4 87.6
 63 39.2 30.1 45.1





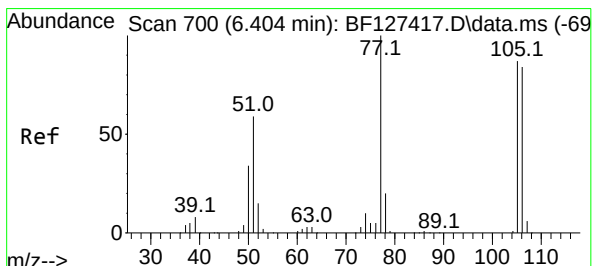
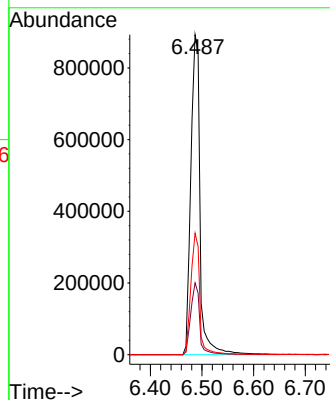
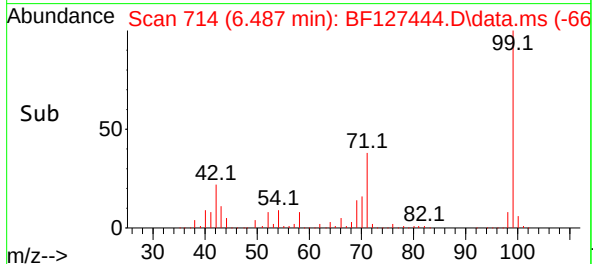
#7
Phenol-d6
Concen: 125.766 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

Instrument :
BNA_F
ClientSampleId :

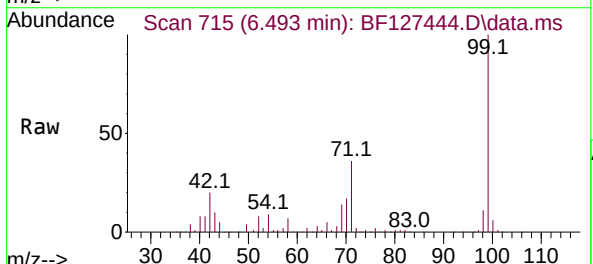


Tgt Ion: 99 Resp: 1105297

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.8	26.6
71	38.0	29.6	44.4

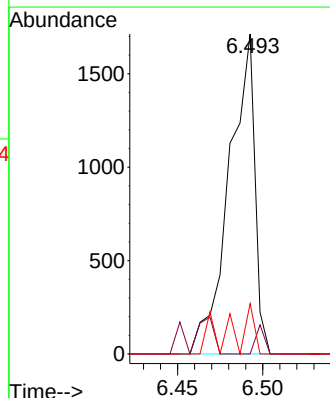
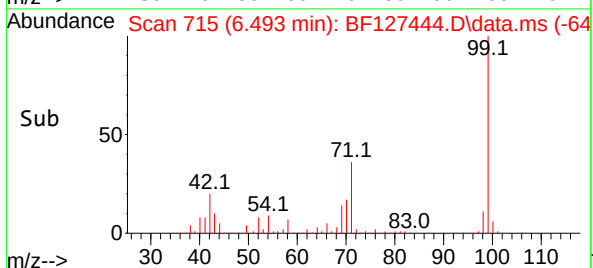


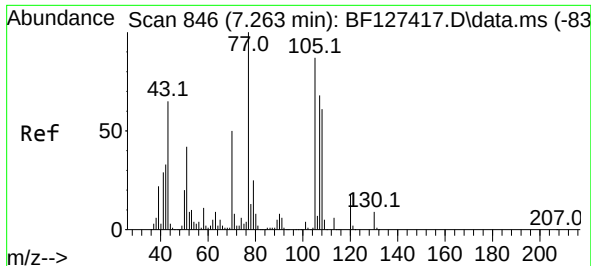
#9
Benzaldehyde
Concen: Below Cal
RT: 6.493 min Scan# 715
Delta R.T. 0.089 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28



Tgt Ion: 77 Resp: 1801

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	15.8	64.3	104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 22.975 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

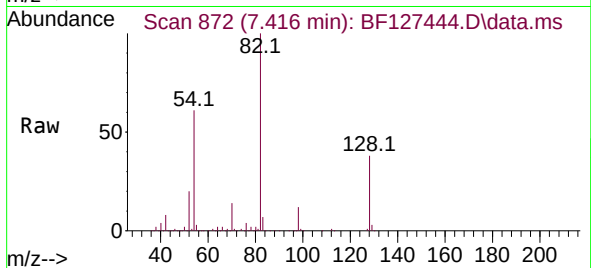
Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 121032

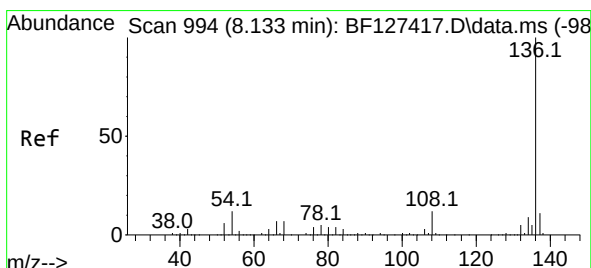
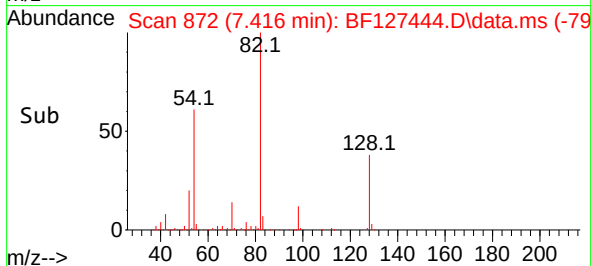
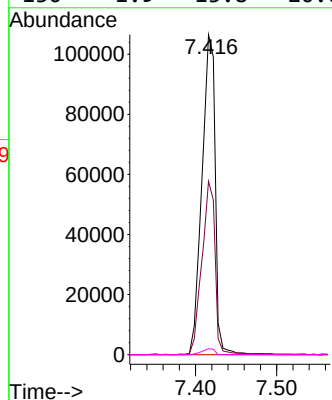
Ion Ratio Lower Upper

70 100

42 54.2 53.0 79.6

101 0.0 6.8 10.2#

130 1.9 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: BF127444.D

Acq: 22 Mar 2022 09:28

Tgt Ion: 136 Resp: 377492

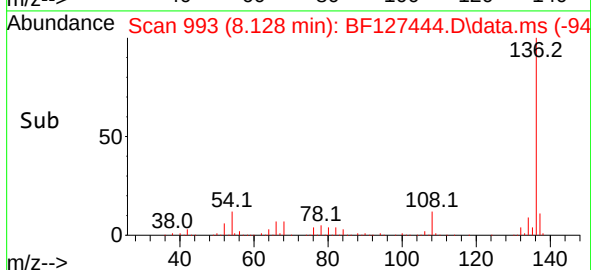
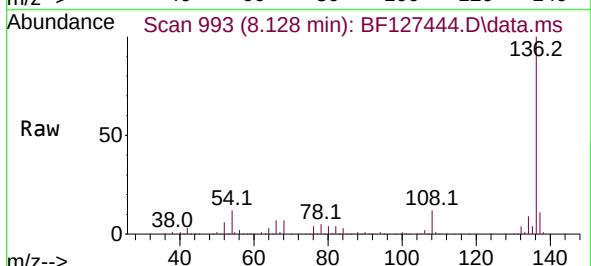
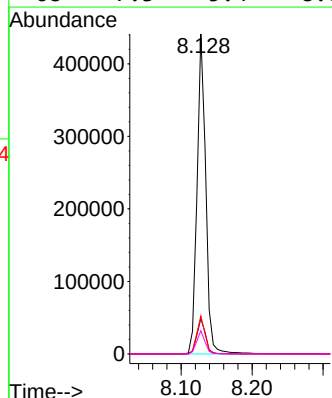
Ion Ratio Lower Upper

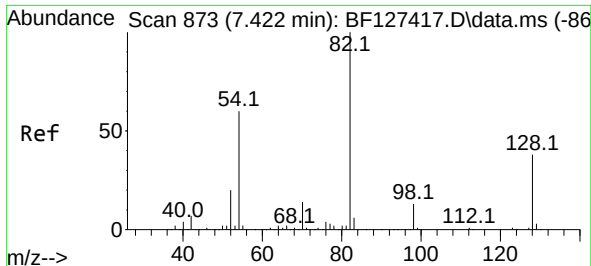
136 100

137 11.0 8.6 13.0

54 11.9 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 99.694 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA_F

ClientSampleId :

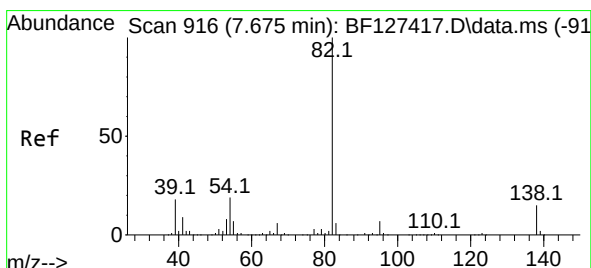
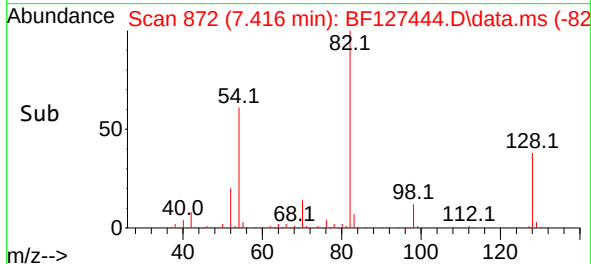
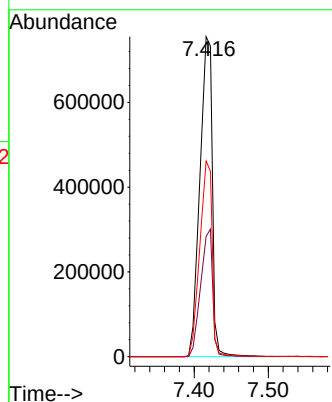
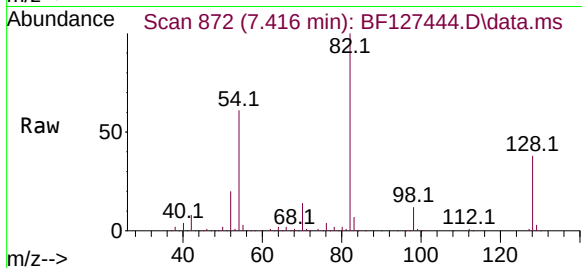
Tgt Ion: 82 Resp: 880407

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 62.593 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

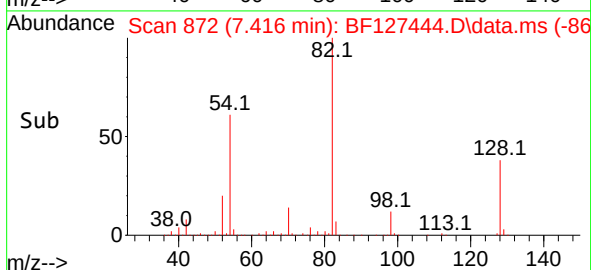
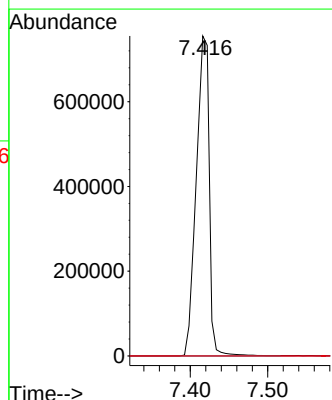
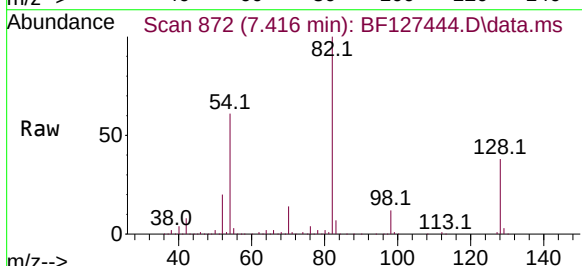
Tgt Ion: 82 Resp: 880397

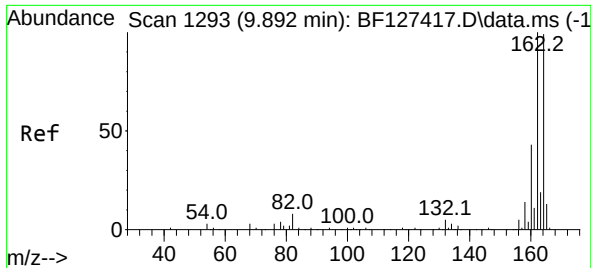
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

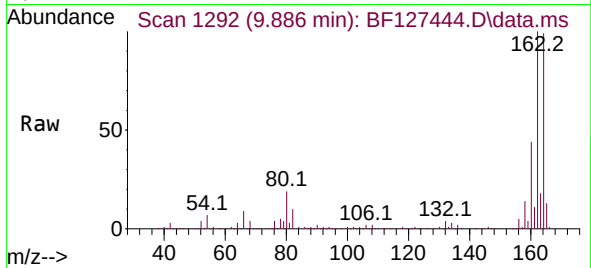
138 0.0 11.6 17.4#



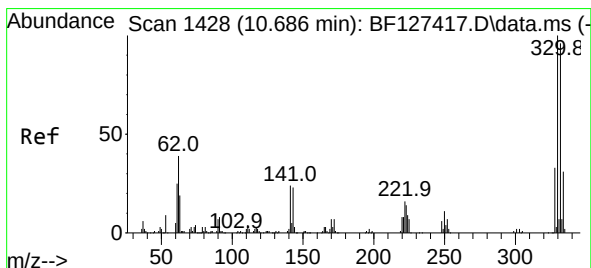
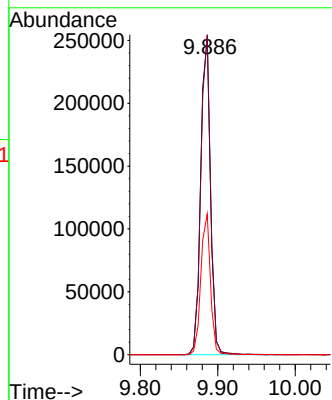
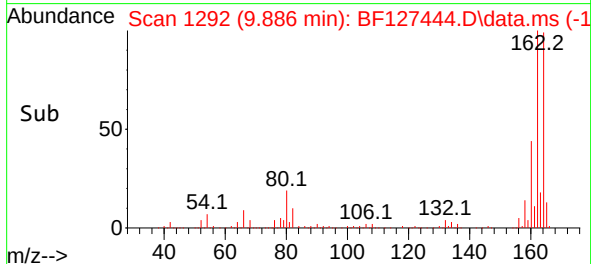


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

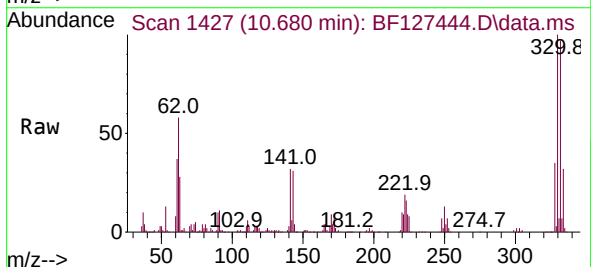
Instrument :
BNA_F
ClientSampleId :



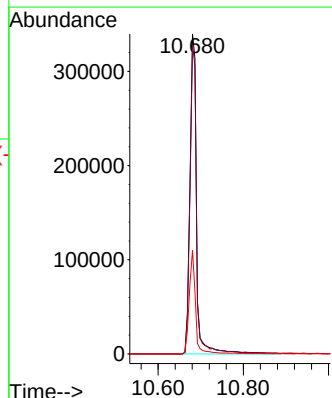
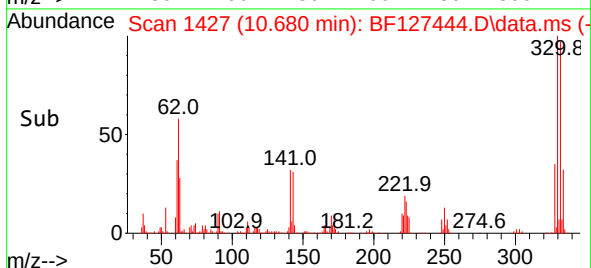
Tgt Ion:164 Resp: 221191
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 44.4 34.6 52.0

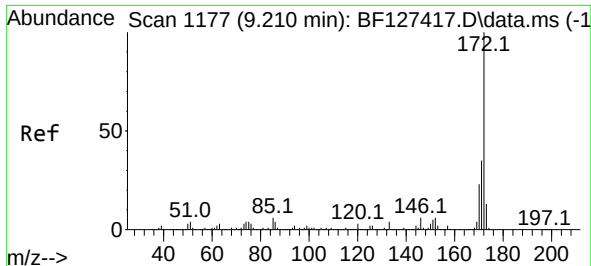


#42
2,4,6-Tribromophenol
Concen: 156.155 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28



Tgt Ion:330 Resp: 367941
Ion Ratio Lower Upper
330 100
332 96.2 79.1 118.7
141 30.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 97.925 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA_F

ClientSampleId :

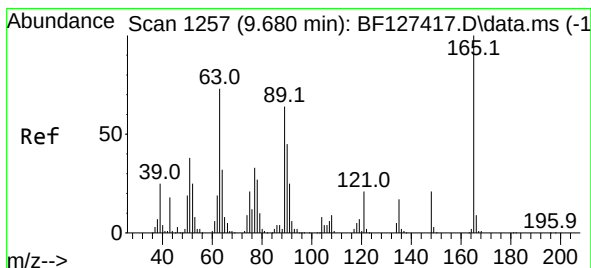
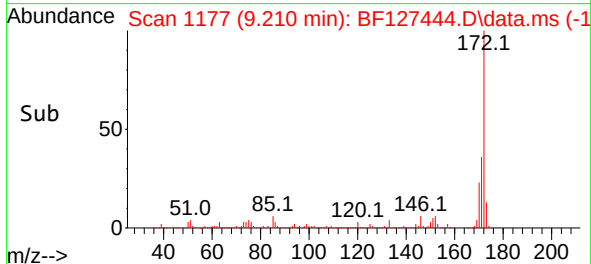
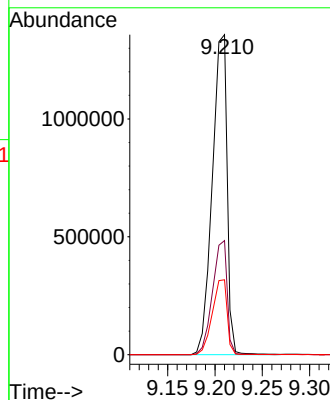
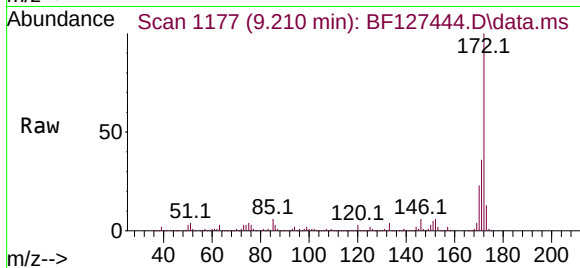
Tgt Ion:172 Resp: 1483342

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.880 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

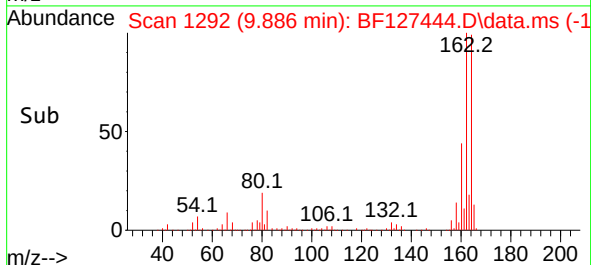
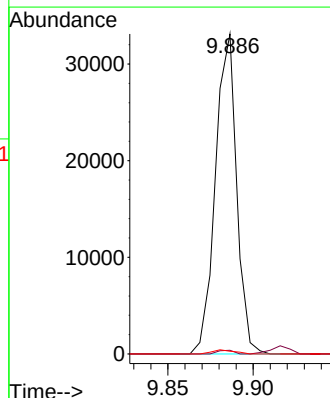
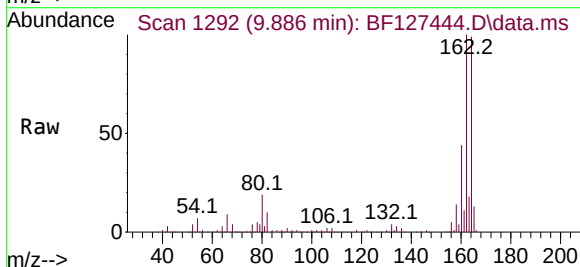
Tgt Ion:165 Resp: 28684

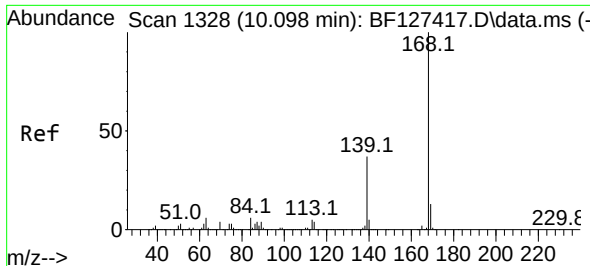
Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 0.9 51.5 77.3#

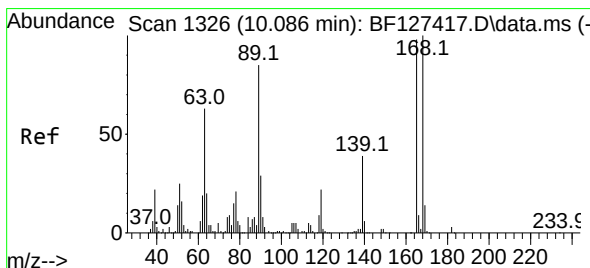
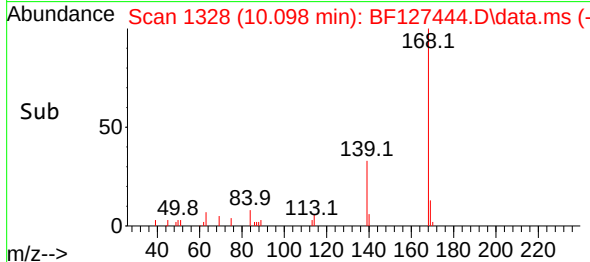
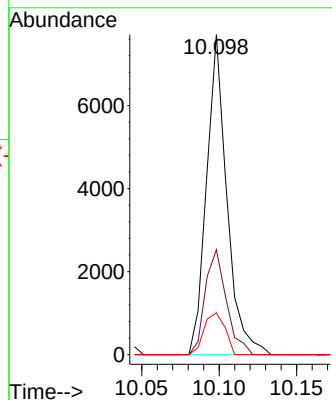
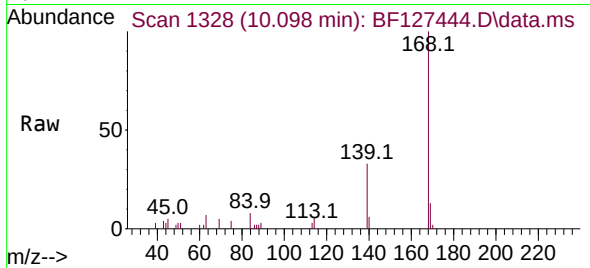




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.098 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

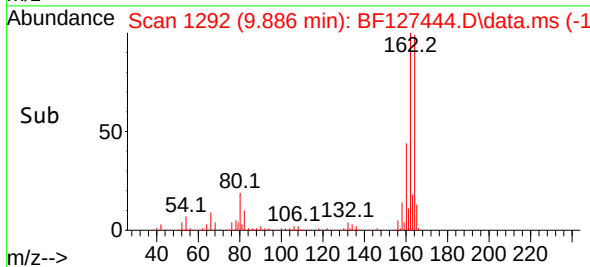
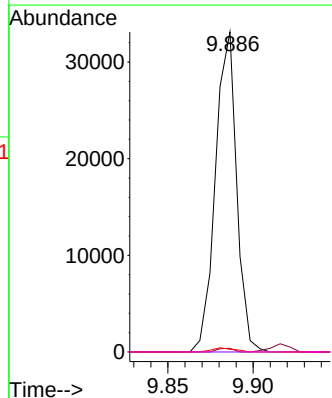
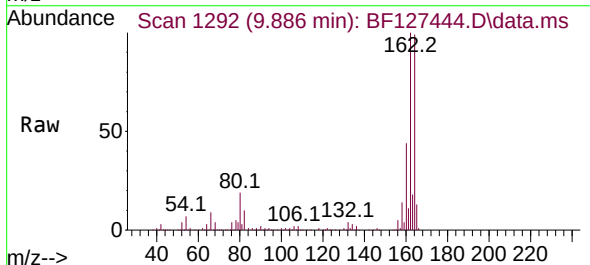
Instrument :
BNA_F
ClientSampleId :

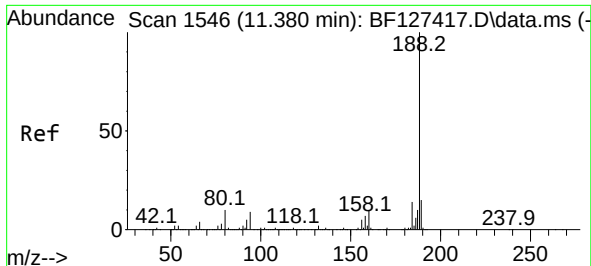
Tgt Ion:168 Resp: 7040
Ion Ratio Lower Upper
168 100
139 32.8 30.3 45.5
169 13.1 10.8 16.2



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

Tgt Ion:165 Resp: 28684
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#

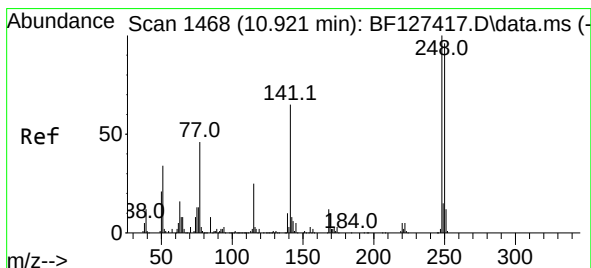
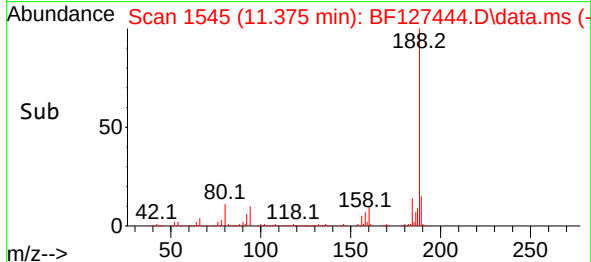
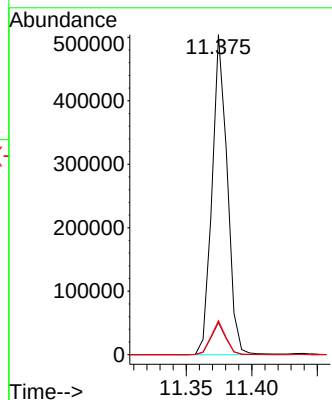
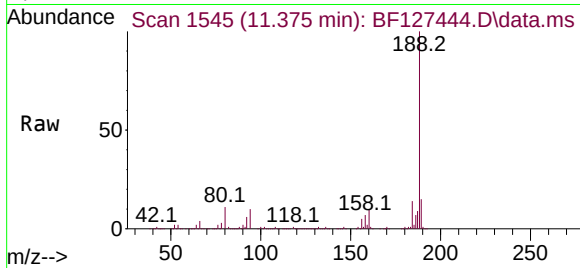




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

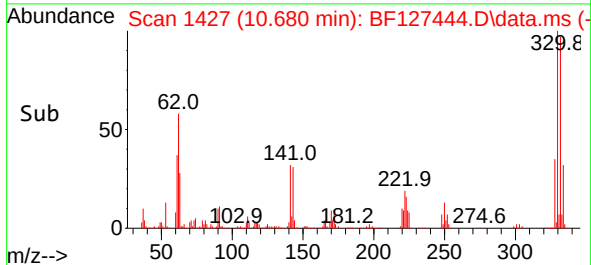
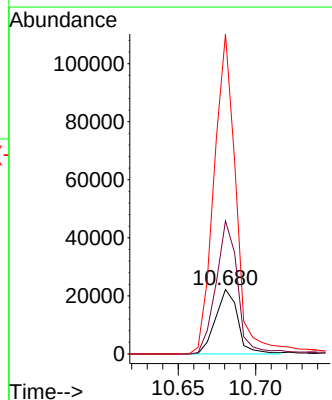
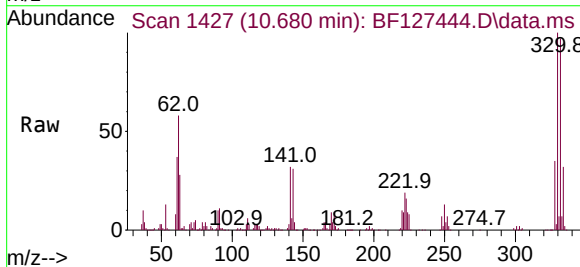
Instrument :
BNA_F
ClientSampleId :

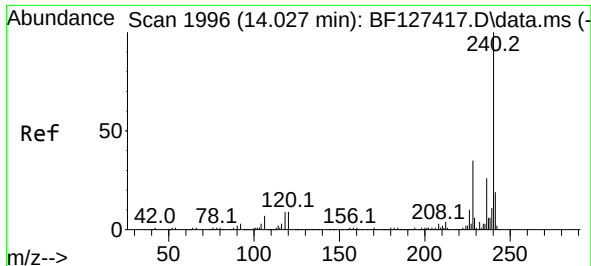
Tgt Ion:188 Resp: 406035
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.714 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

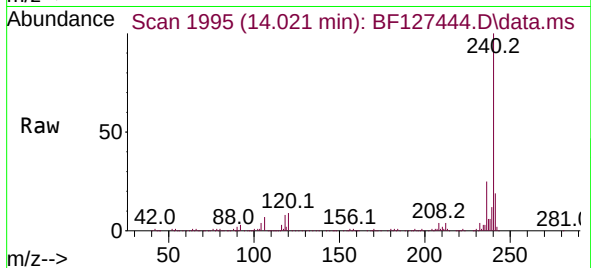
Tgt Ion:248 Resp: 22345
Ion Ratio Lower Upper
248 100
250 206.4 76.6 115.0#
141 496.3 52.2 78.2#



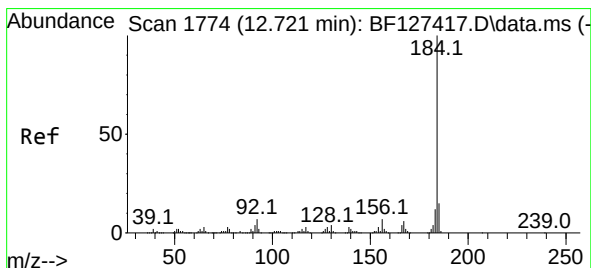
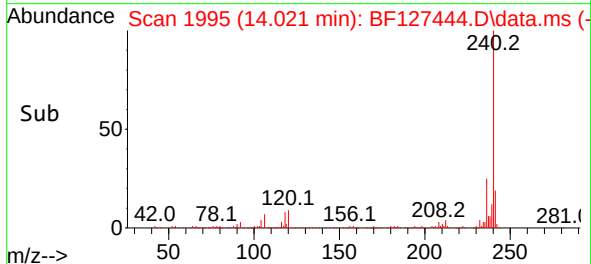
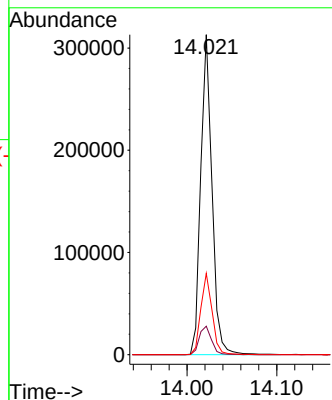


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

Instrument :
BNA_F
ClientSampleId :

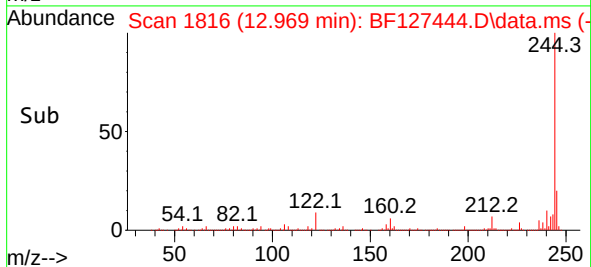
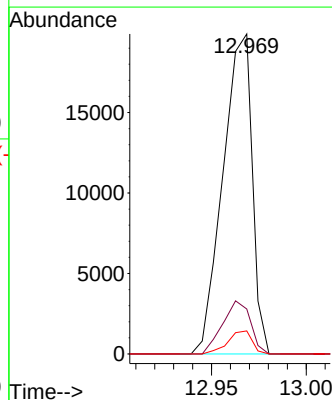
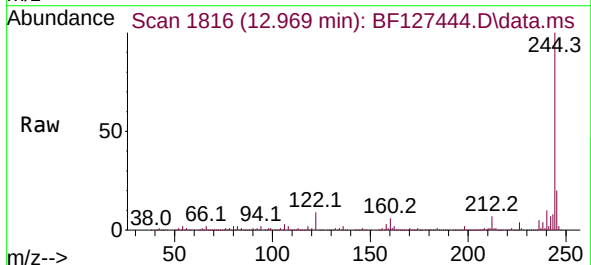


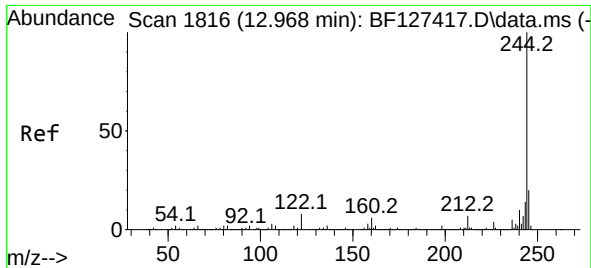
Tgt Ion:240 Resp: 272937
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.4 20.7 31.1



#77
Benzidine
Concen: 3.283 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127444.D
Acq: 22 Mar 2022 09:28

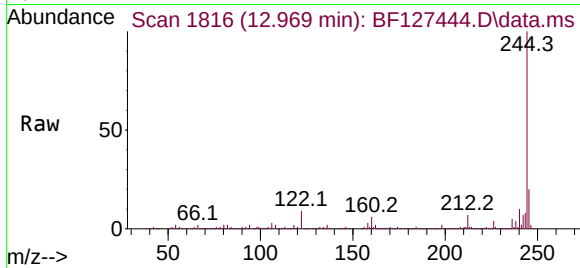
Tgt Ion:184 Resp: 21368
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 7.2 9.4 14.0#



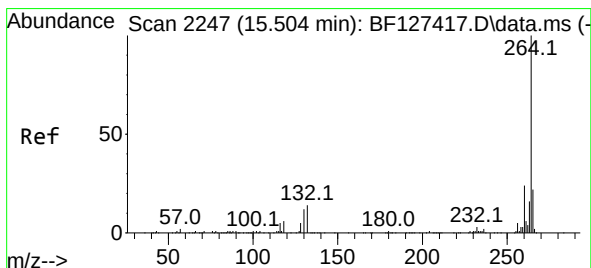
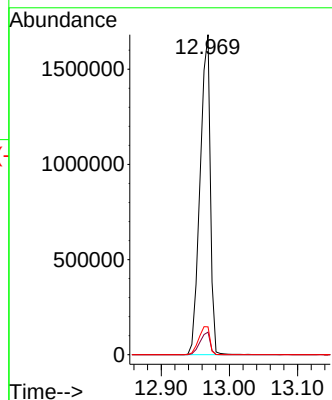
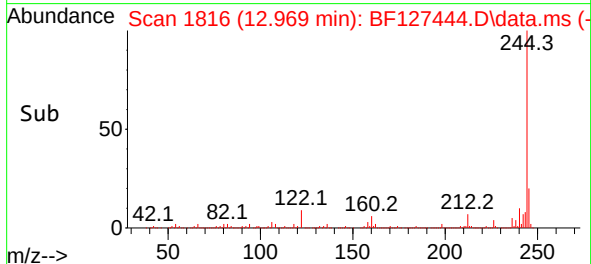


#79
 Terphenyl-d14
 Concen: 104.791 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127444.D
 Acq: 22 Mar 2022 09:28

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1747166
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF127444.D
 Acq: 22 Mar 2022 09:28

Tgt Ion:264 Resp: 194327
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.1 28.7
 265 21.5 17.4 26.2

