

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127441.D
 Acq On : 22 Mar 2022 08:02
 Operator : CG\JU
 Sample : N1965-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 08:43:48 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)

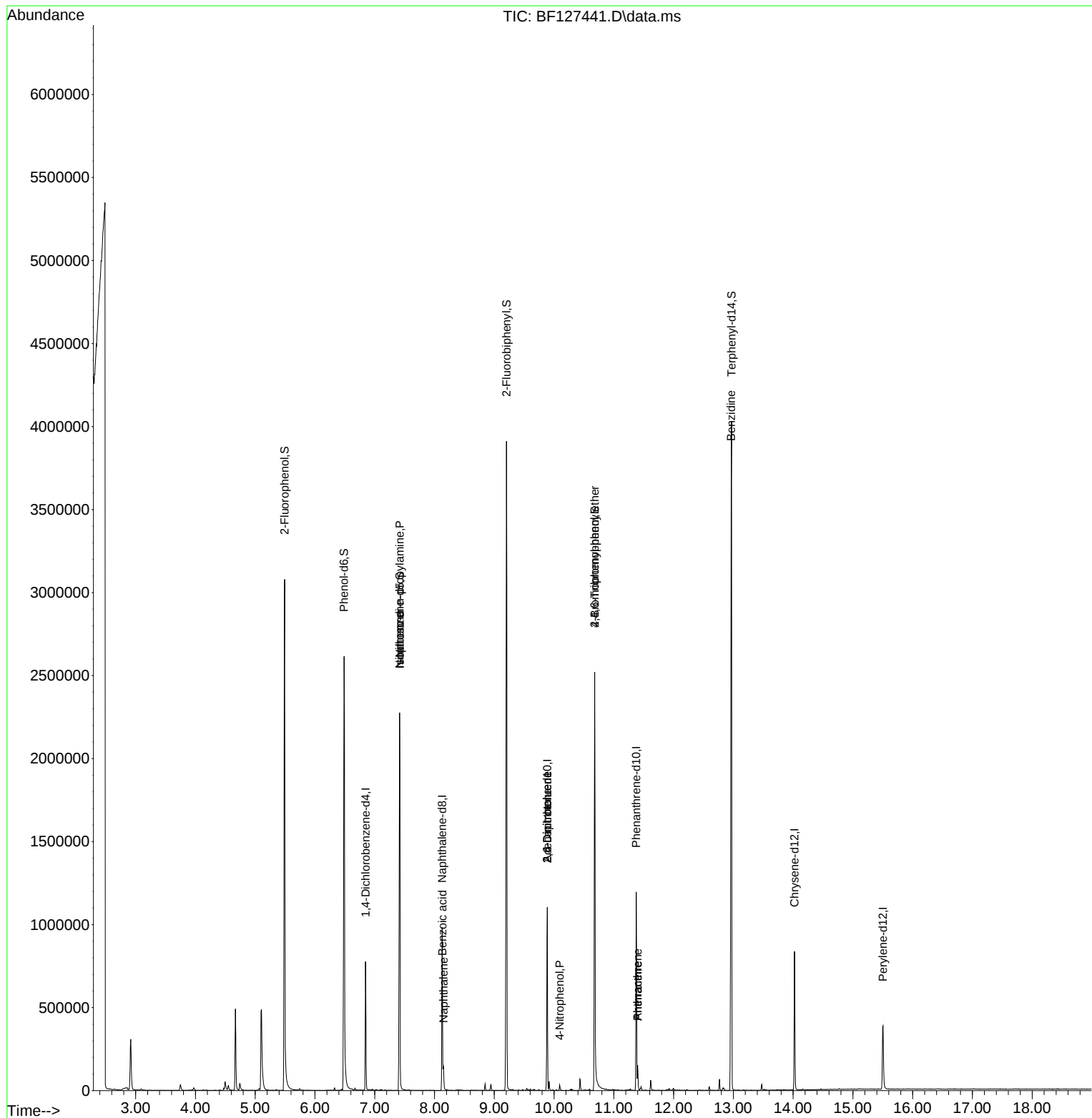
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	99706	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	368439	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	218659	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	401287	20.000	ng	0.00
76) Chrysene-d12	14.022	240	282581	20.000	ng	0.00
86) Perylene-d12	15.504	264	195085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	790152	126.498	ng	0.02
7) Phenol-d6	6.487	99	1015440	118.927	ng	0.00
23) Nitrobenzene-d5	7.416	82	809979	93.973	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	328146	140.879	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1348542	90.057	ng	0.00
79) Terphenyl-d14	12.969	244	1601701	92.788	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	2043	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	112318	21.946	ng	# 81
25) Isophorone	7.416	82	809972	59.001	ng	# 70
31) Naphthalene	8.151	128	59611	3.047	ng	100
32) Benzoic acid	8.134	122	230	6.110	ng	# 1
51) 2,6-Dinitrotoluene	9.887	165	29137	9.125	ng	# 16
55) Dibenzofuran	10.092	168	12558	Below Cal		99
56) 4-Nitrophenol	10.092	139	4691	2.631	ng	# 1
57) 2,4-Dinitrotoluene	9.887	165	29137	7.089	ng	# 13
58) Fluorene	10.434	166	19447	Below Cal		95
67) 4-Bromophenyl-phenylether	10.681	248	21141	4.512	ng	# 1
71) Phenanthrene	11.398	178	50593	2.418	ng	99
72) Anthracene	11.398	178	50593	2.437	ng	99
77) Benzidine	12.963	184	19423	2.883	ng	# 92

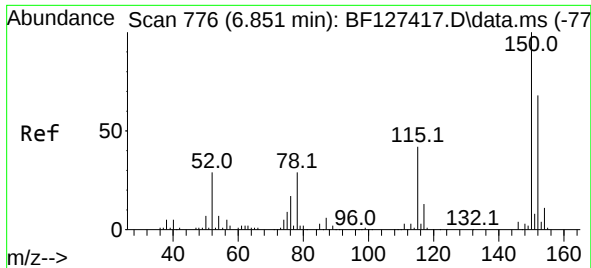
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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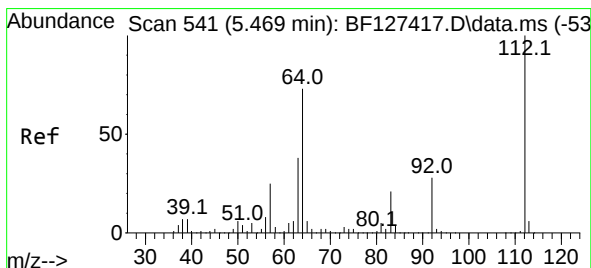
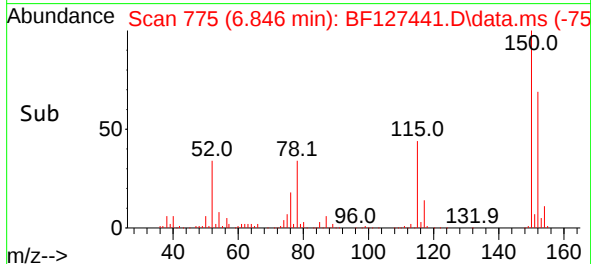
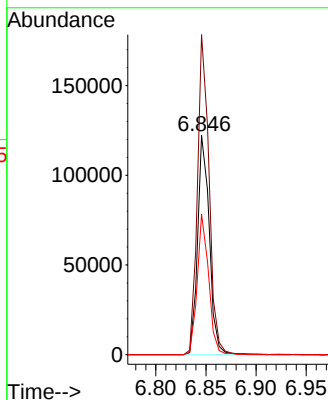
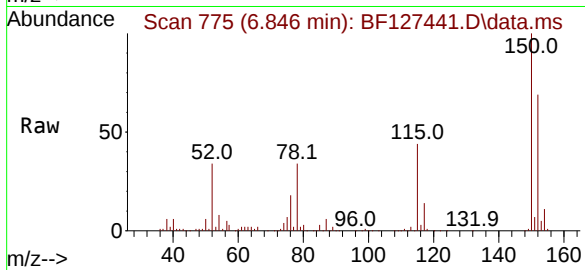




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

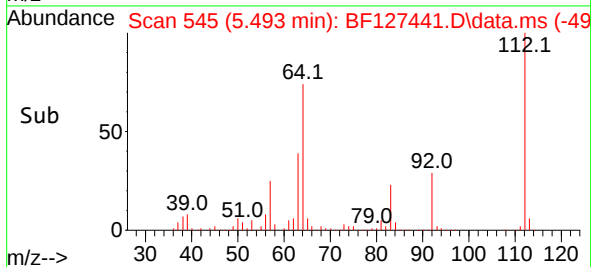
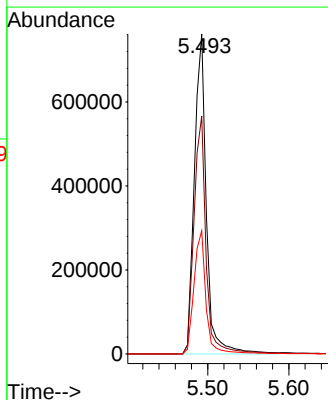
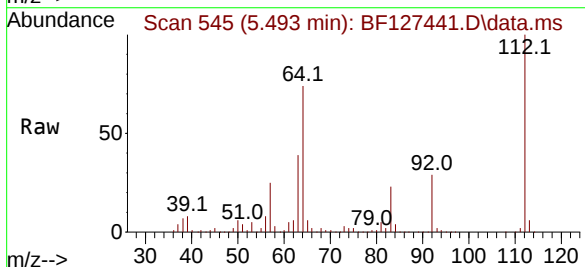
Instrument :
BNA_F
ClientSampleId :

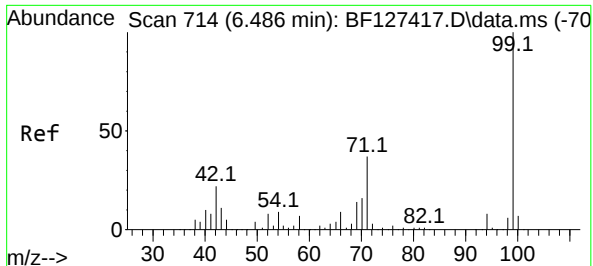
Tgt Ion:152 Resp: 99706
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 64.1 49.8 74.6



#5
2-Fluorophenol
Concen: 126.498 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

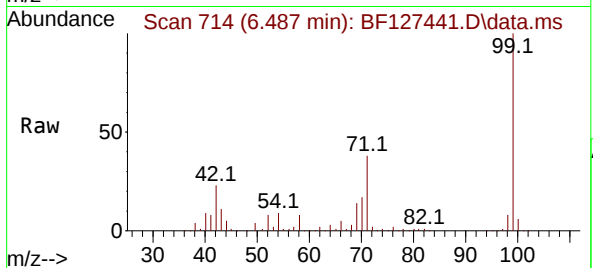
Tgt Ion:112 Resp: 790152
Ion Ratio Lower Upper
112 100
64 74.3 58.4 87.6
63 38.5 30.1 45.1



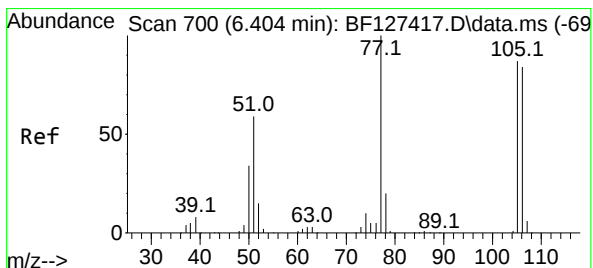
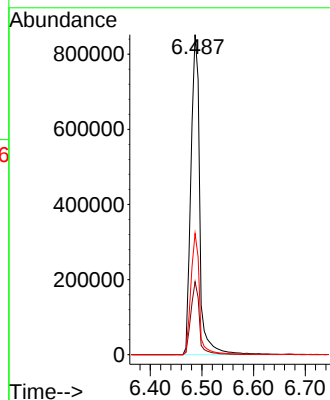
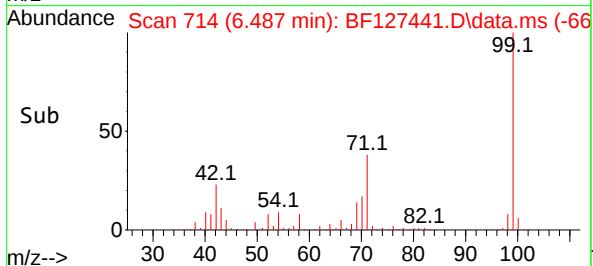


#7
Phenol-d6
Concen: 118.927 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

Instrument :
BNA_F
ClientSampleId :

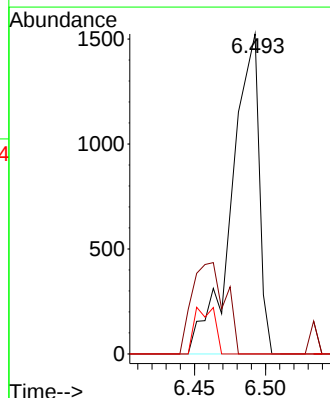
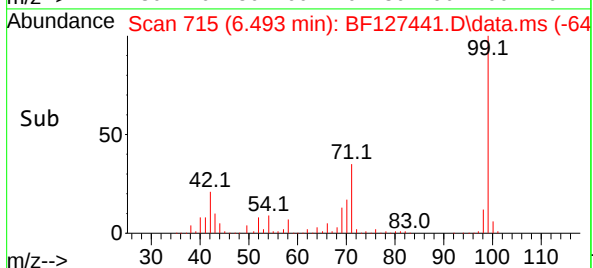
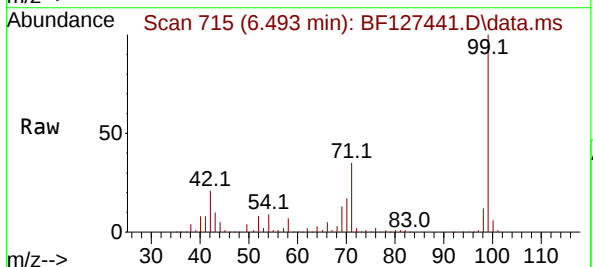


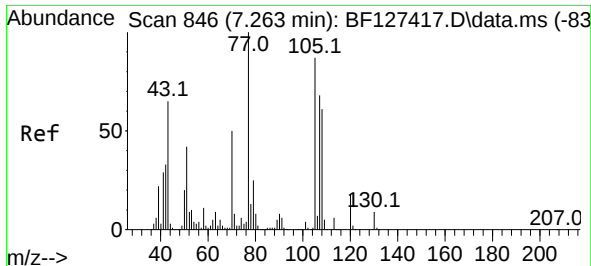
Tgt Ion: 99 Resp: 1015440
Ion Ratio Lower Upper
99 100
42 22.8 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.493 min Scan# 715
Delta R.T. 0.089 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

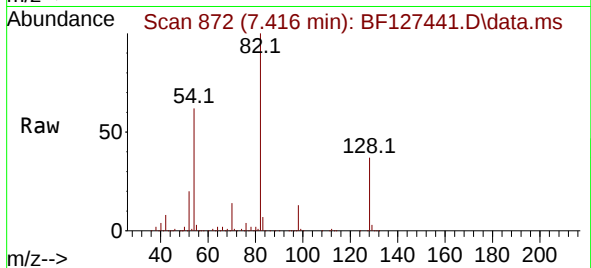
Tgt Ion: 77 Resp: 2043
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



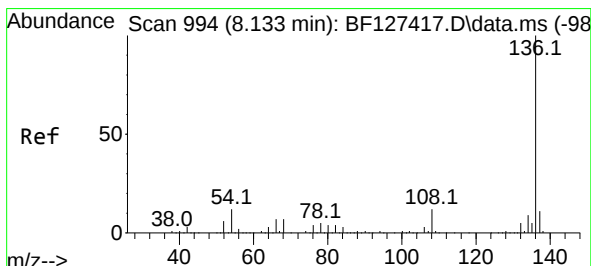
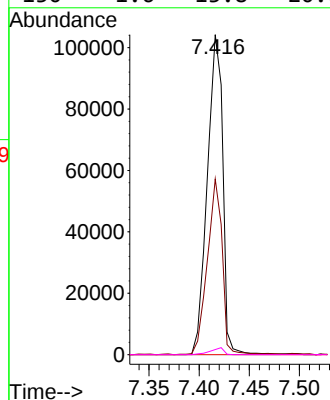
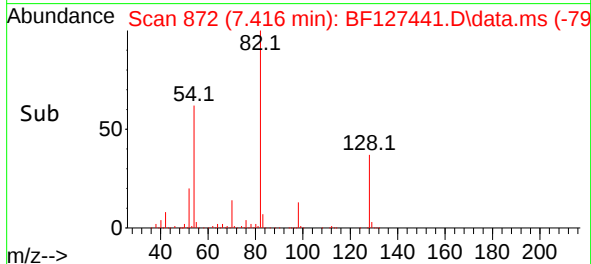


#19
n-Nitroso-di-n-propylamine
Concen: 21.946 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

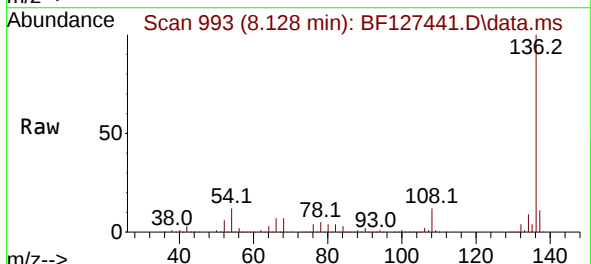
Instrument :
BNA_F
ClientSampleId :



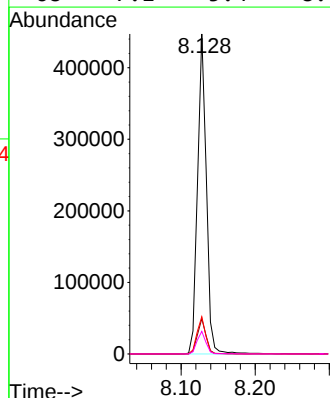
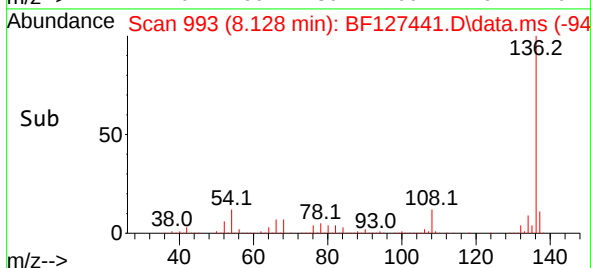
Tgt Ion: 70 Resp: 112318
Ion Ratio Lower Upper
70 100
42 54.9 53.0 79.6
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#

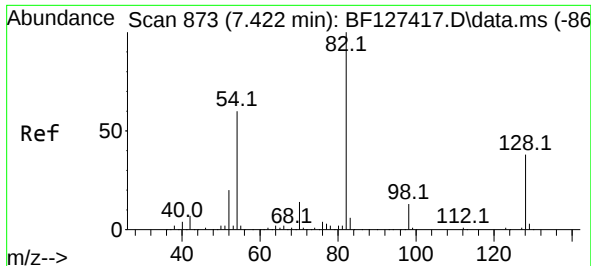


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02



Tgt Ion: 136 Resp: 368439
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.7 9.2 13.8
68 7.1 5.4 8.0

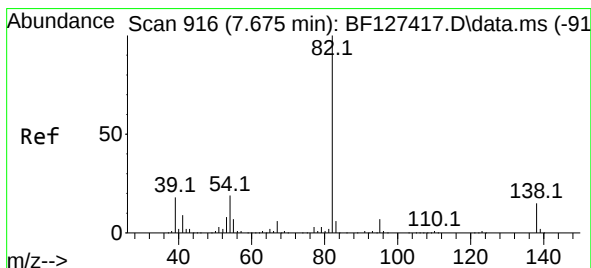
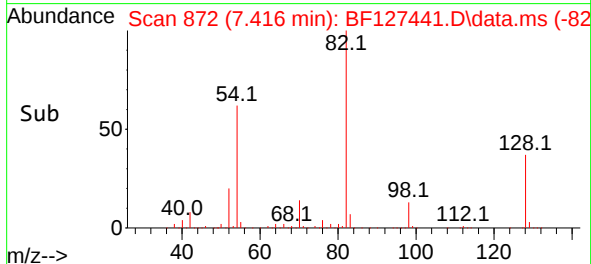
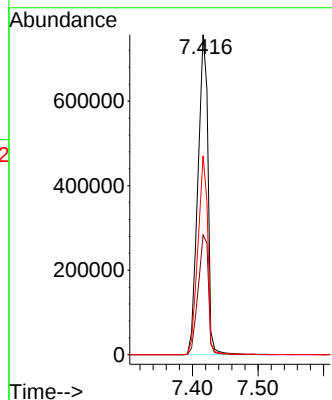
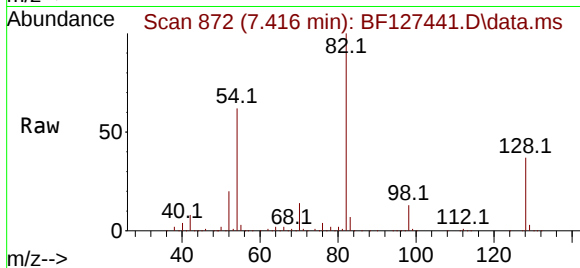




#23
Nitrobenzene-d5
Concen: 93.973 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

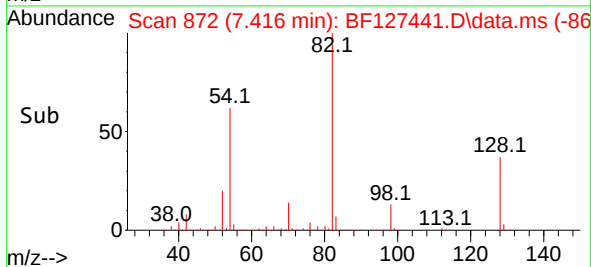
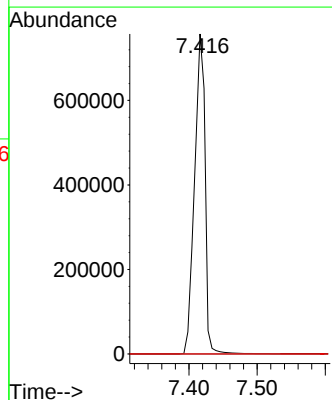
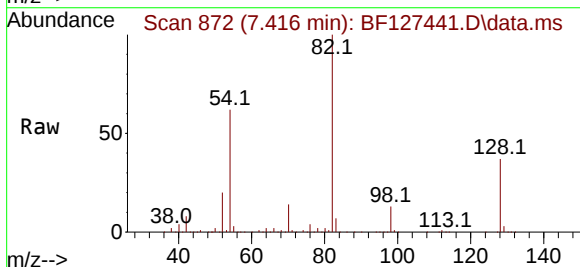
Instrument :
BNA_F
ClientSampleId :

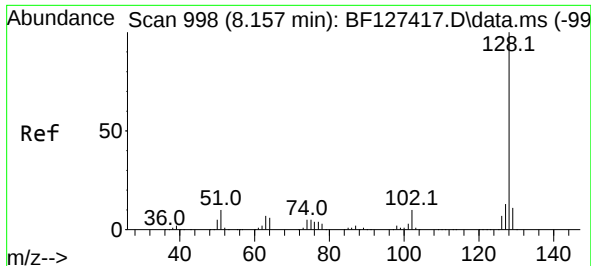
Tgt Ion: 82 Resp: 809979
Ion Ratio Lower Upper
82 100
128 37.4 30.6 45.8
54 62.1 48.2 72.2



#25
Isophorone
Concen: 59.001 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

Tgt Ion: 82 Resp: 809972
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

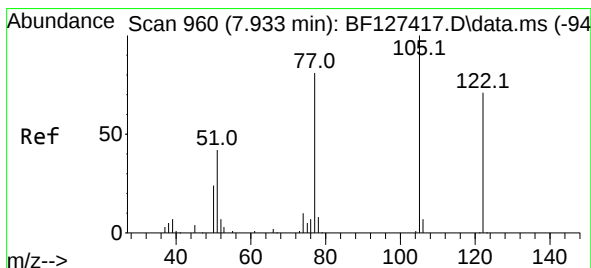
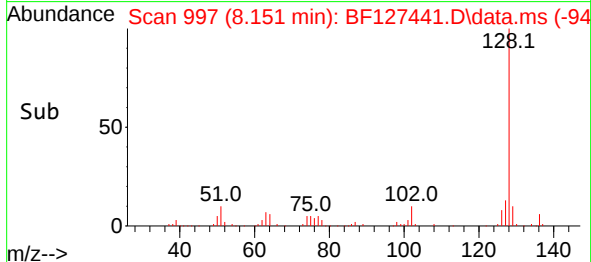
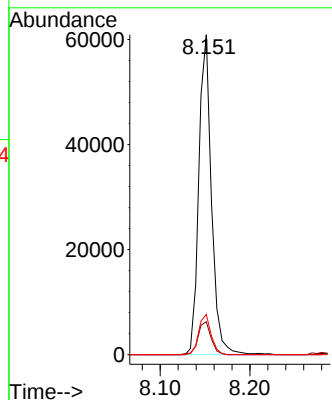
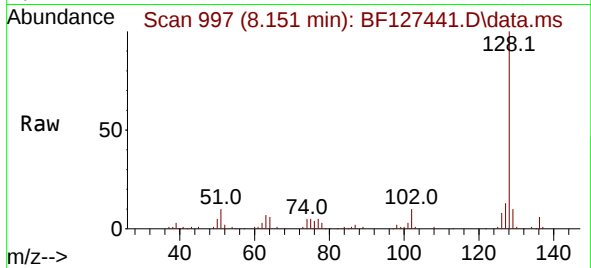




#31
Naphthalene
Concen: 3.047 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

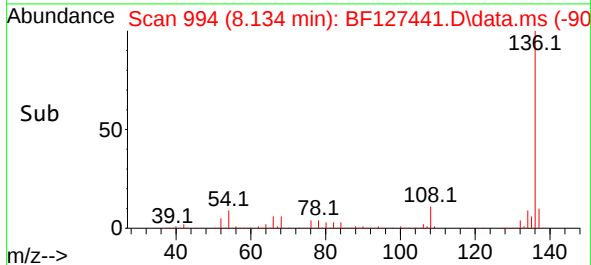
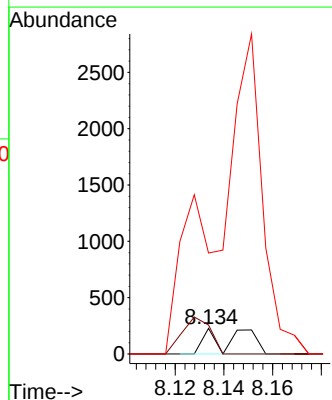
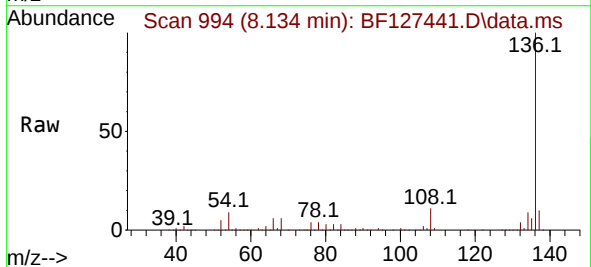
Instrument :
BNA_F
ClientSampleId :

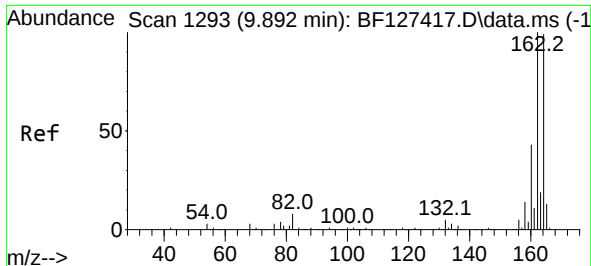
Tgt Ion:128 Resp: 59611
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 12.6 10.2 15.2



#32
Benzoic acid
Concen: 6.110 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.201 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

Tgt Ion:122 Resp: 230
Ion Ratio Lower Upper
122 100
105 113.2 117.1 157.1#
77 394.7 93.0 133.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.887 min Scan# 1292

Delta R.T. -0.006 min

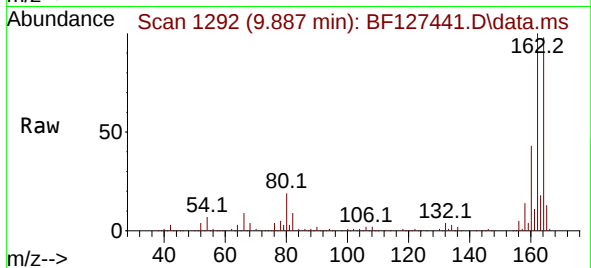
Lab File: BF127441.D

Acq: 22 Mar 2022 08:02

Instrument :

BNA_F

ClientSampleId :



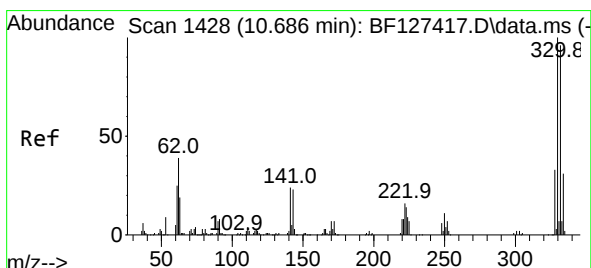
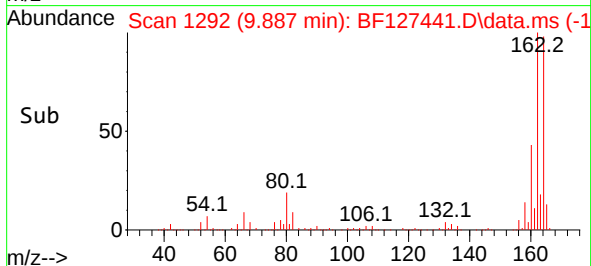
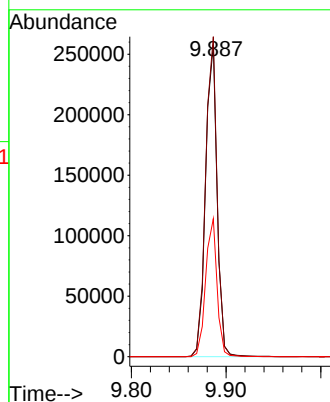
Tgt Ion:164 Resp: 218659

Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

160 44.2 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 140.879 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127441.D

Acq: 22 Mar 2022 08:02

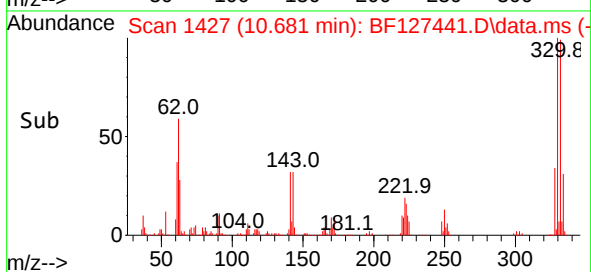
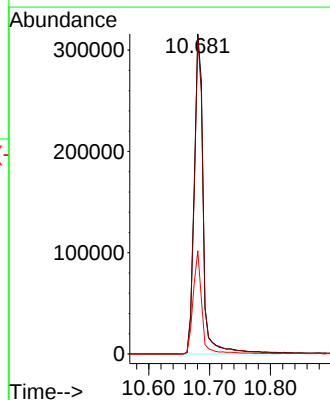
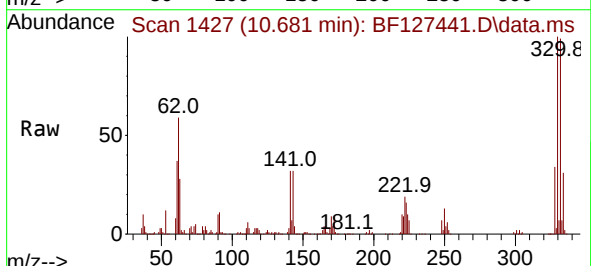
Tgt Ion:330 Resp: 328146

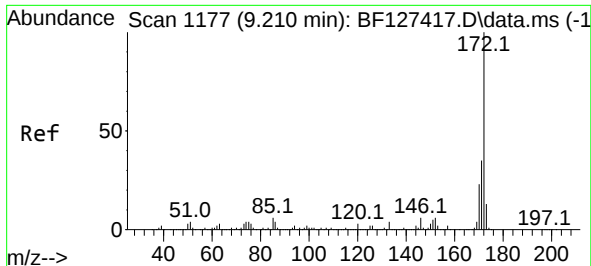
Ion Ratio Lower Upper

330 100

332 98.4 79.1 118.7

141 31.5 26.2 39.4

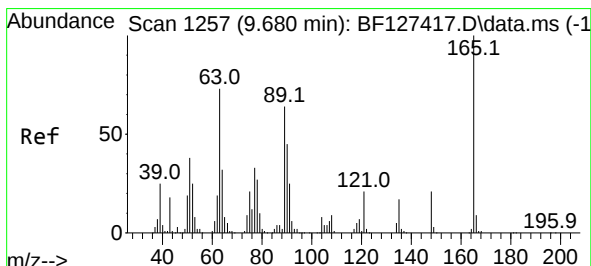
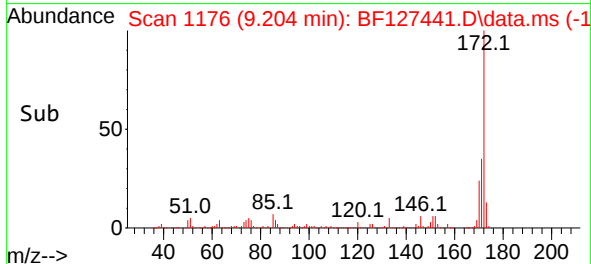
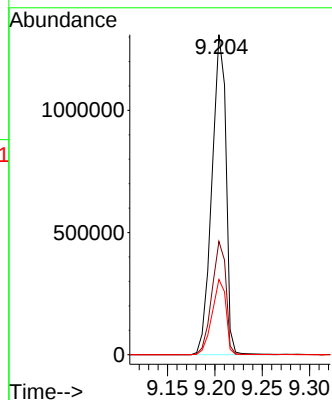
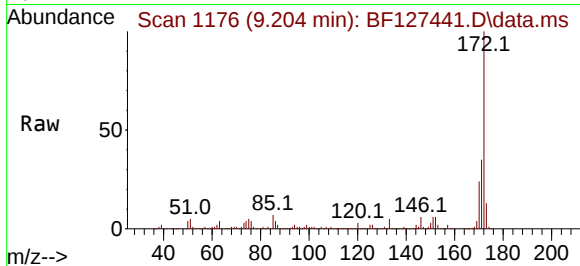




#45
2-Fluorobiphenyl
Concen: 90.057 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

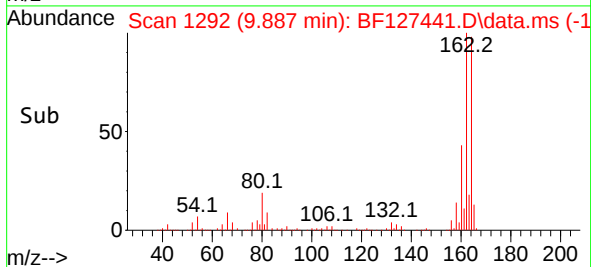
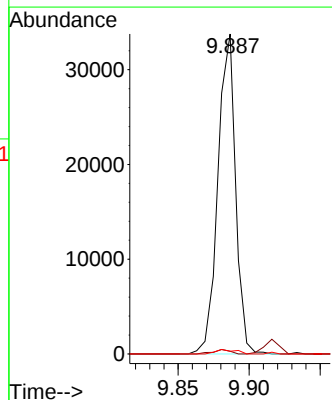
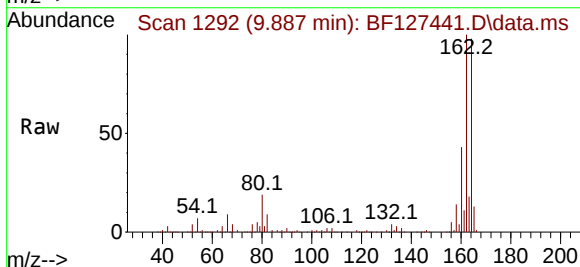
Instrument :
BNA_F
ClientSampleId :

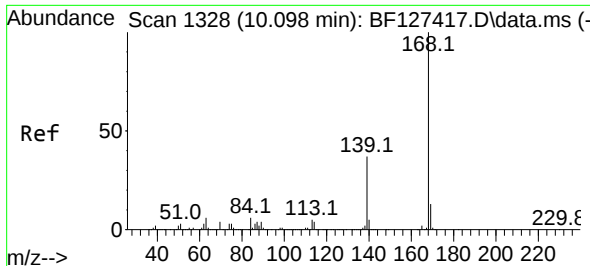
Tgt Ion:172 Resp: 1348542
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.125 ng
RT: 9.887 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

Tgt Ion:165 Resp: 29137
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 0.8 51.5 77.3#

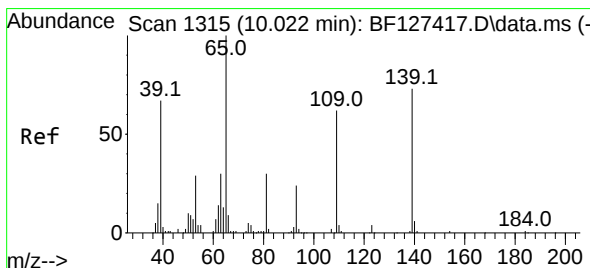
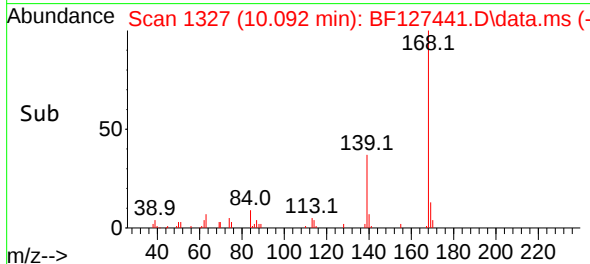
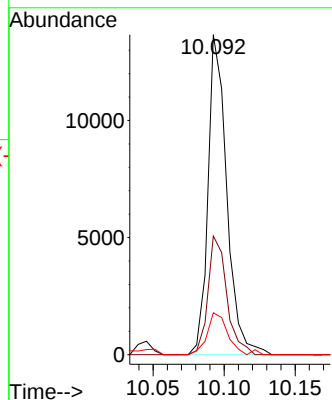
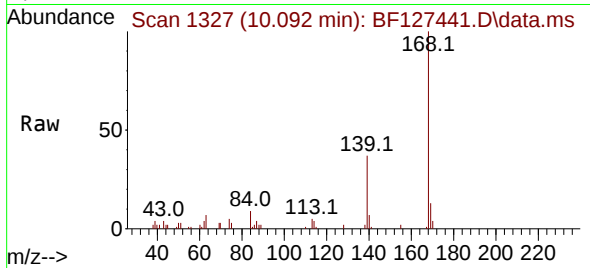




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

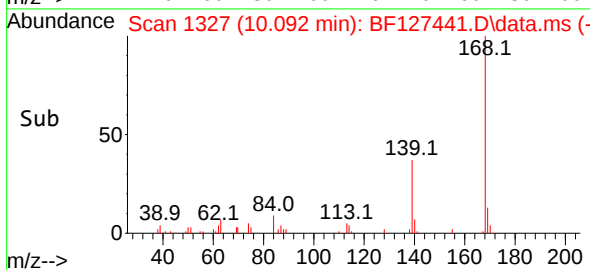
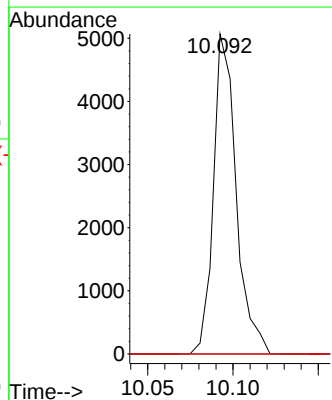
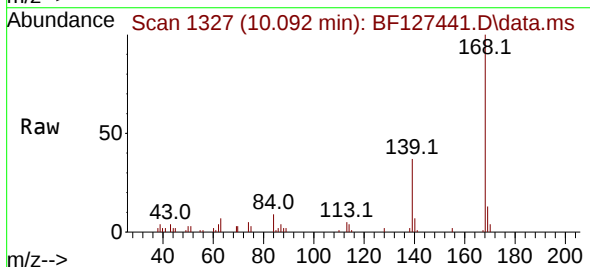
Instrument :
BNA_F
ClientSampleId :

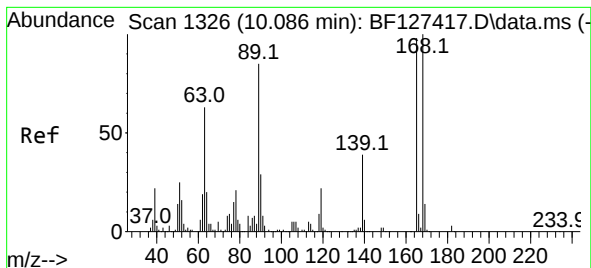
Tgt Ion:168 Resp: 12558
Ion Ratio Lower Upper
168 100
139 37.1 30.3 45.5
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 2.631 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.070 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

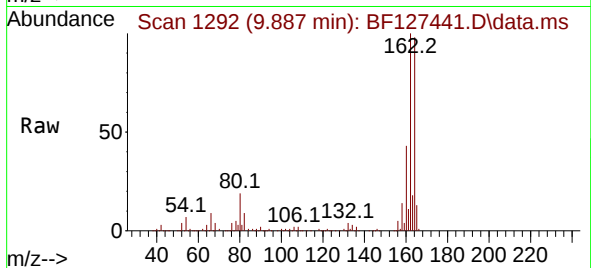
Tgt Ion:139 Resp: 4691
Ion Ratio Lower Upper
139 100
109 0.0 64.3 104.3#
65 0.0 117.5 157.5#



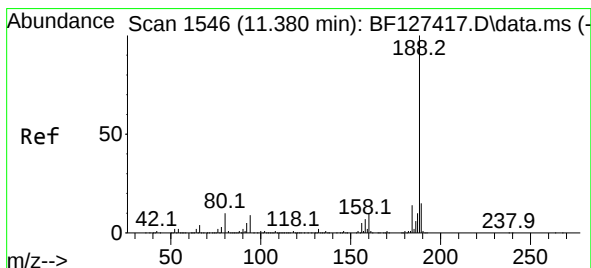
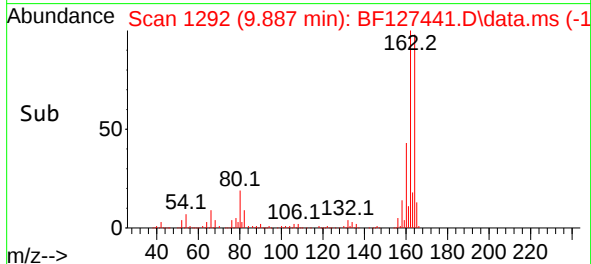
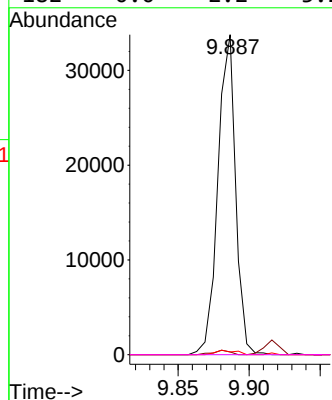


#57
2,4-Dinitrotoluene
Concen: 7.089 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.199 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

Instrument :
BNA_F
ClientSampleId :

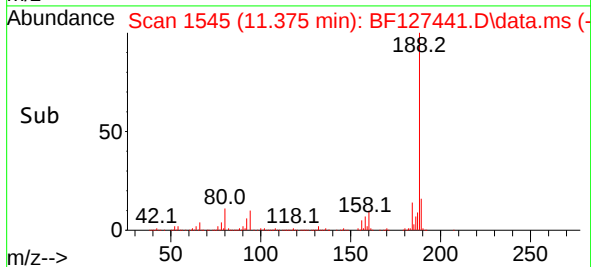
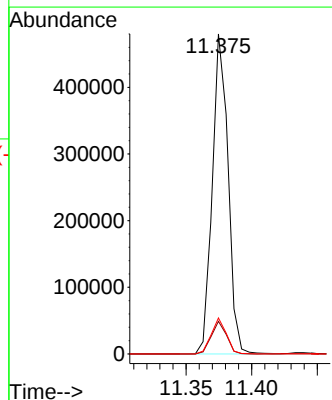
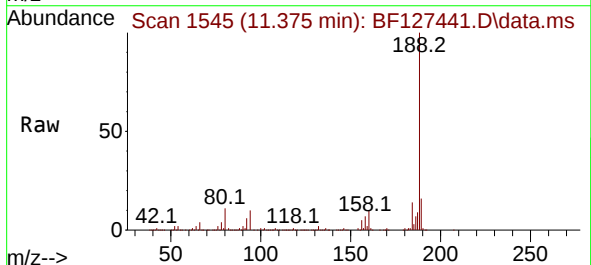


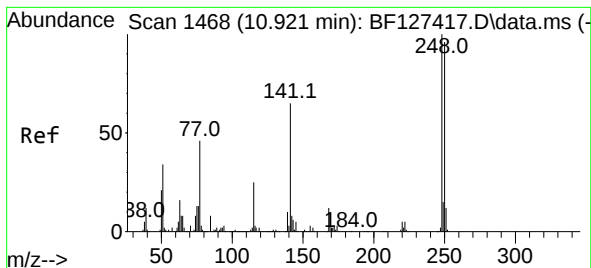
Tgt Ion:165 Resp: 29137
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 0.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

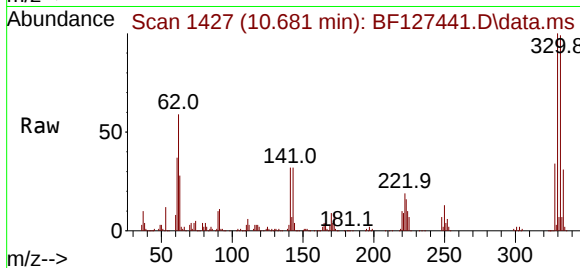
Tgt Ion:188 Resp: 401287
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.2 8.0 12.0



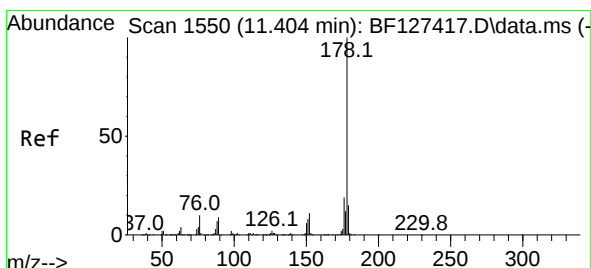
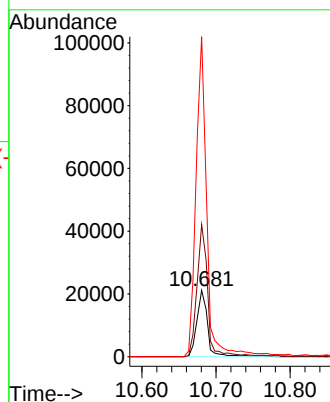
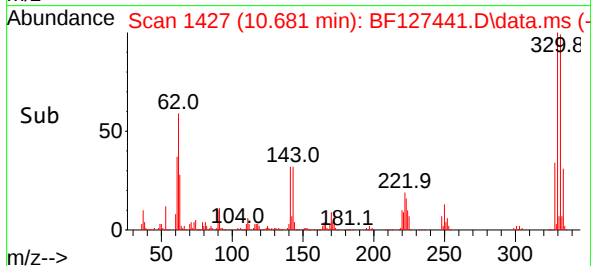


#67
4-Bromophenyl-phenylether
Concen: 4.512 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

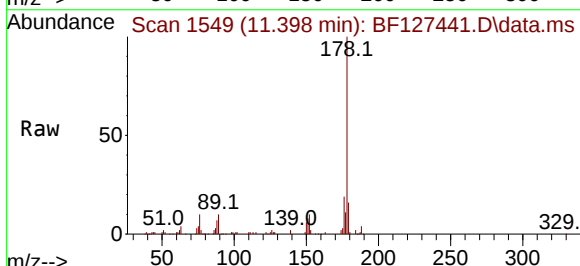
Instrument :
BNA_F
ClientSampleId :



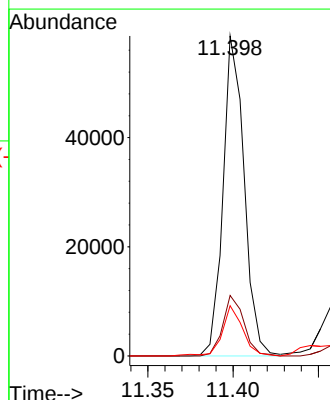
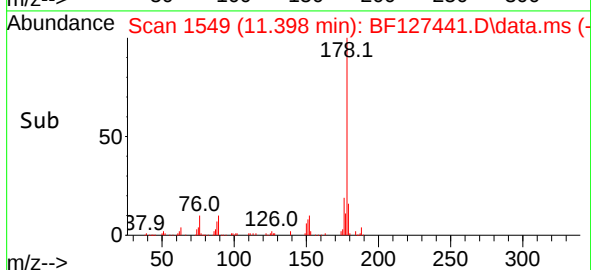
Tgt Ion:248 Resp: 21141
Ion Ratio Lower Upper
248 100
250 199.8 76.6 115.0#
141 483.4 52.2 78.2#

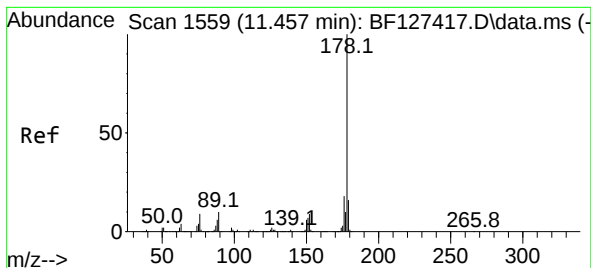


#71
Phenanthrene
Concen: 2.418 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02



Tgt Ion:178 Resp: 50593
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.4 18.6





#72

Anthracene

Concen: 2.437 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.059 min

Lab File: BF127441.D

Acq: 22 Mar 2022 08:02

Instrument :

BNA_F

ClientSampleId :

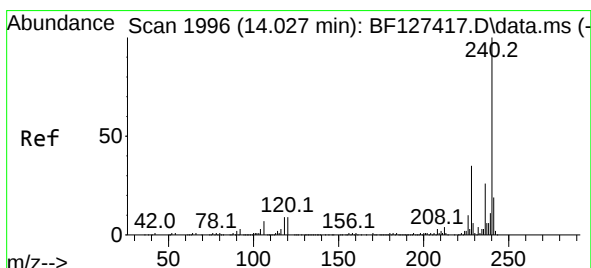
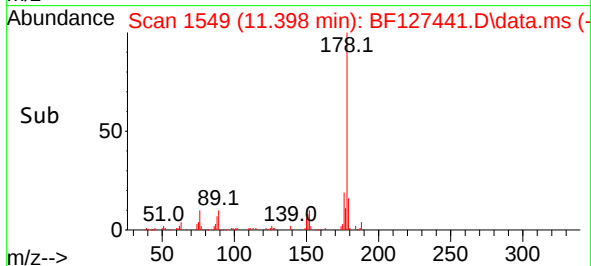
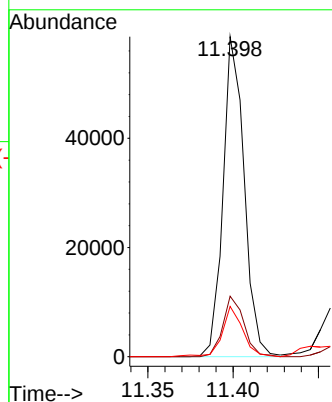
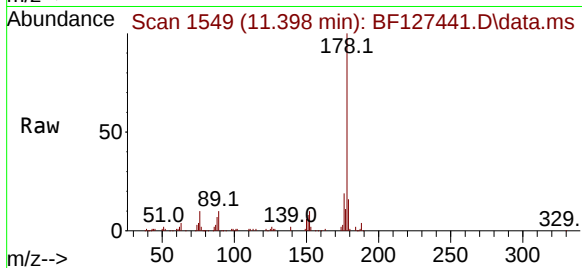
Tgt Ion:178 Resp: 50593

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

179 15.7 12.4 18.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF127441.D

Acq: 22 Mar 2022 08:02

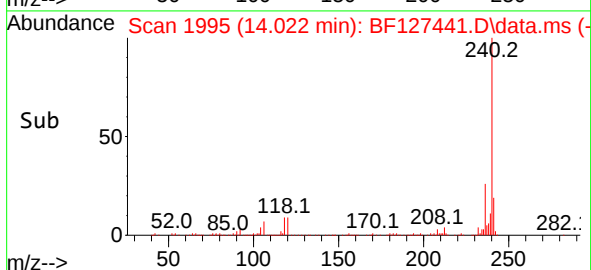
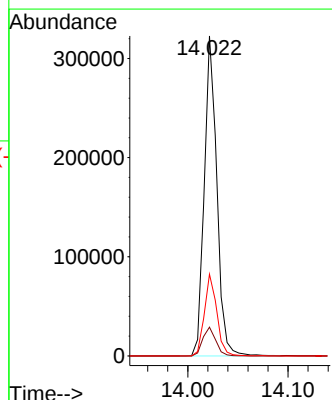
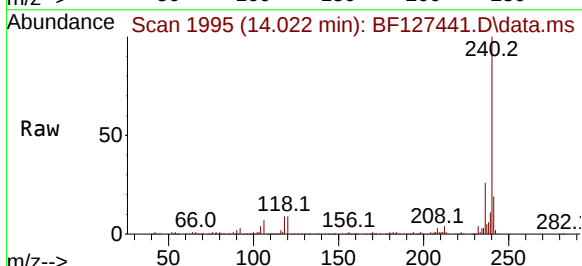
Tgt Ion:240 Resp: 282581

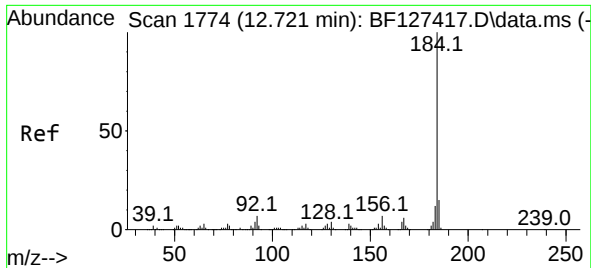
Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

236 25.5 20.7 31.1

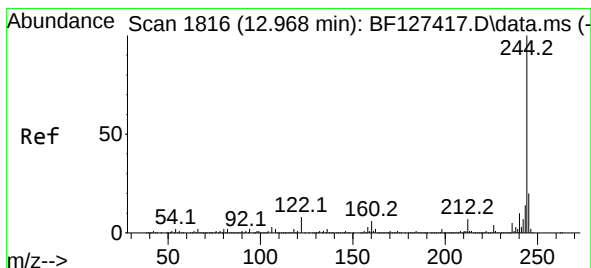
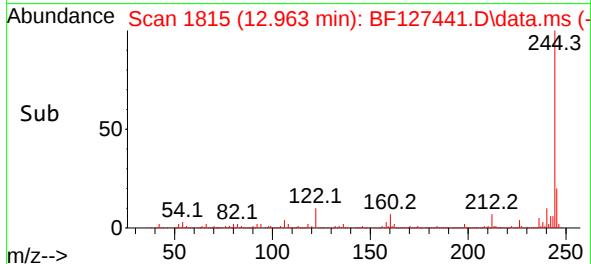
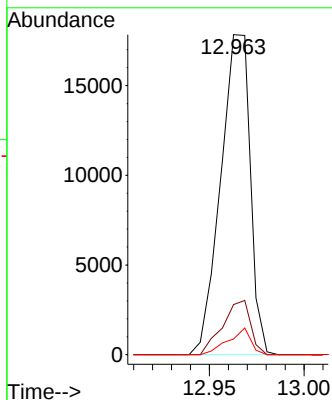
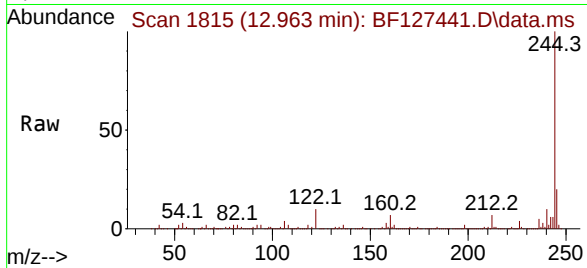




#77
Benzidine
Concen: 2.883 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

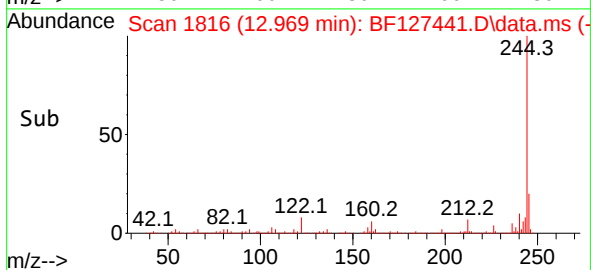
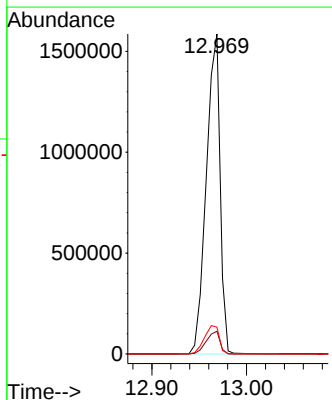
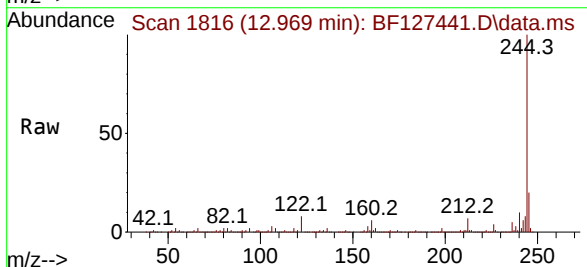
Instrument :
BNA_F
ClientSampleId :

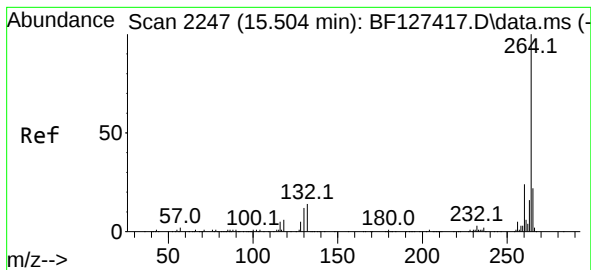
Tgt Ion:184 Resp: 19423
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 4.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.788 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127441.D
Acq: 22 Mar 2022 08:02

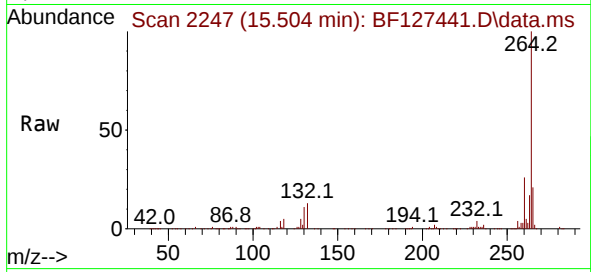
Tgt Ion:244 Resp: 1601701
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 8.4 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127441.D
 Acq: 22 Mar 2022 08:02

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 195085
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.1 28.7
 265 20.7 17.4 26.2

