

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127361.D
 Acq On : 16 Mar 2022 21:55
 Operator : CG\JU
 Sample : N1943-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DF1

Quant Time: Mar 17 02:36:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

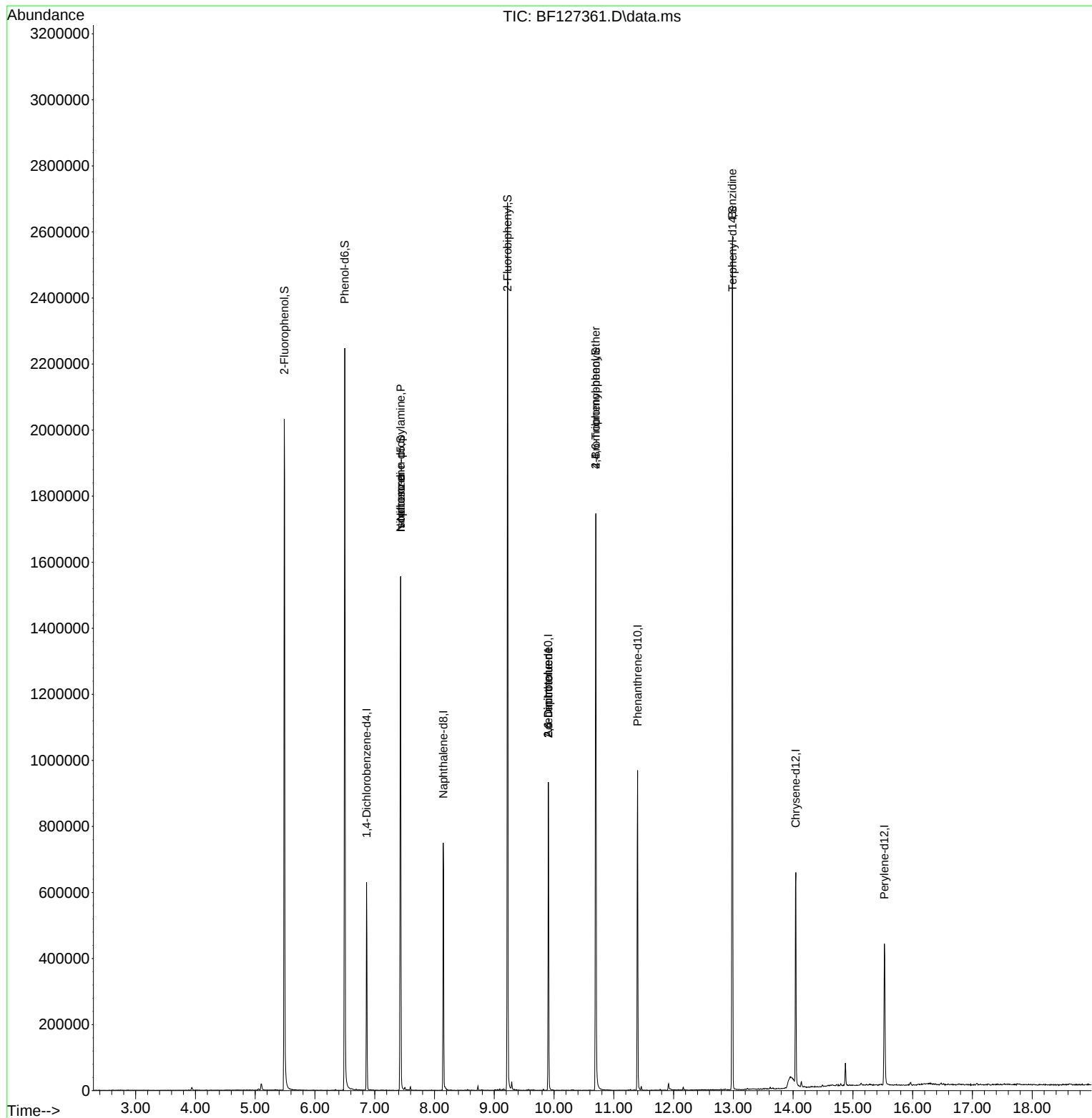
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81191	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304403	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	180027	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	335307	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	227366	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	202518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	509978	100.974	ng	0.00
7) Phenol-d6	6.498	99	721314	103.819	ng	0.00
23) Nitrobenzene-d5	7.434	82	472064	64.045	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195742	101.003	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	829634	65.153	ng	-0.01
79) Terphenyl-d14	12.986	244	972532	73.654	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1149	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	64811	14.948	ng	# 84
25) Isophorone	7.434	82	472064	39.829	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	23781	9.113	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	23781	6.927	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	12800	3.167	ng	# 1
77) Benizidine	12.980	184	12915	2.234	ng	# 93

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

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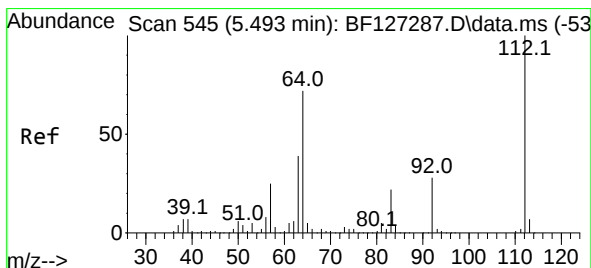
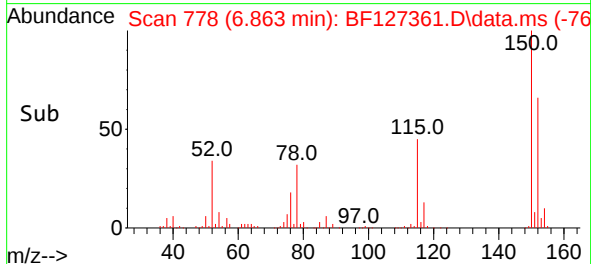
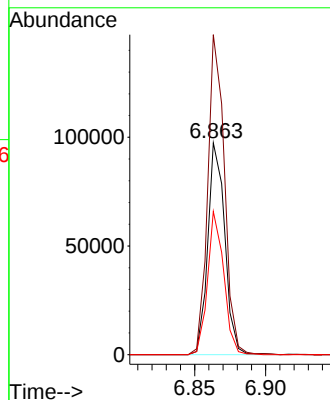
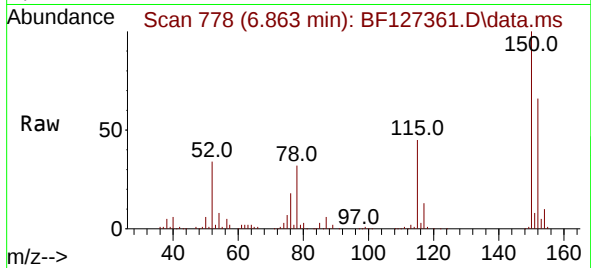




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

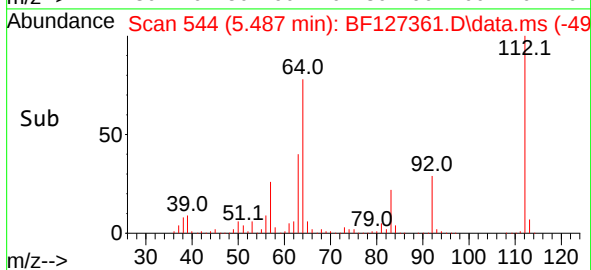
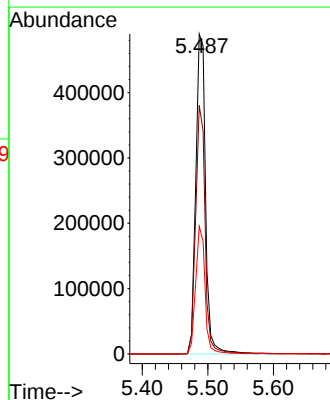
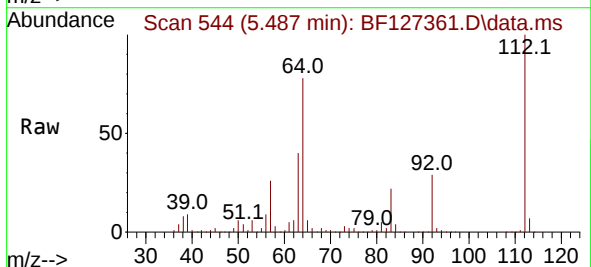
Instrument :
BNA_F
ClientSampleId :
DF1

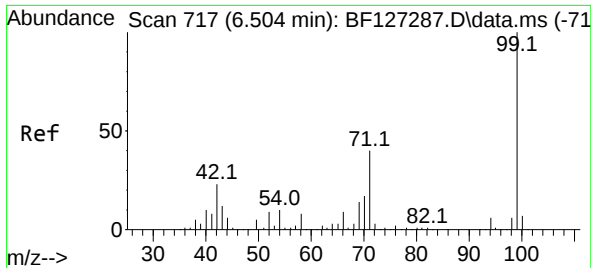
Tgt Ion:152 Resp: 81191
Ion Ratio Lower Upper
152 100
150 151.1 128.1 192.1
115 67.6 56.7 85.1



#5
2-Fluorophenol
Concen: 100.974 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion:112 Resp: 509978
Ion Ratio Lower Upper
112 100
64 77.7 49.5 74.3#
63 39.8 23.9 35.9#

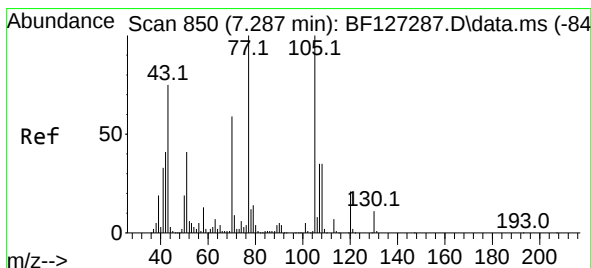
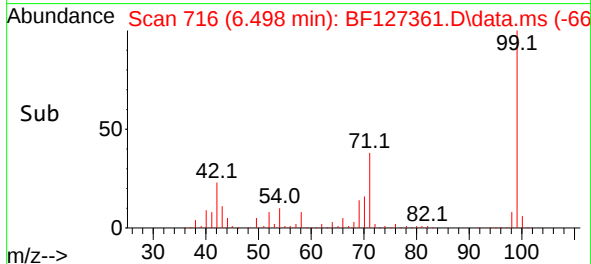
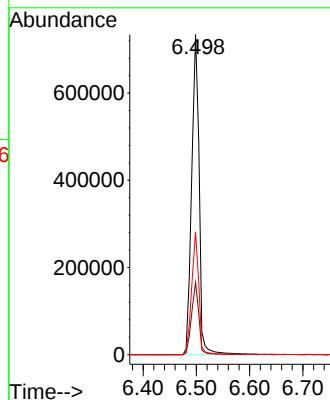
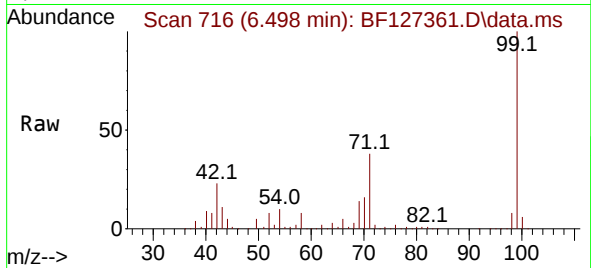




#7
Phenol-d6
Concen: 103.819 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

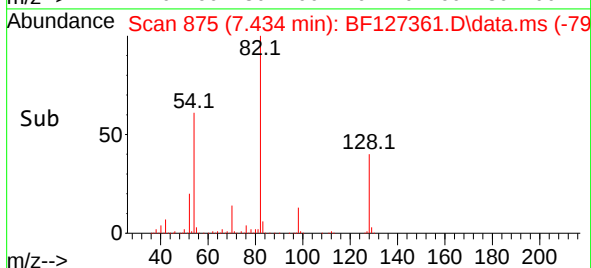
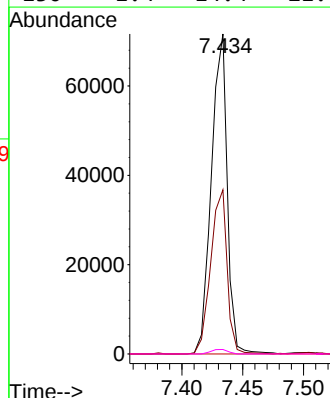
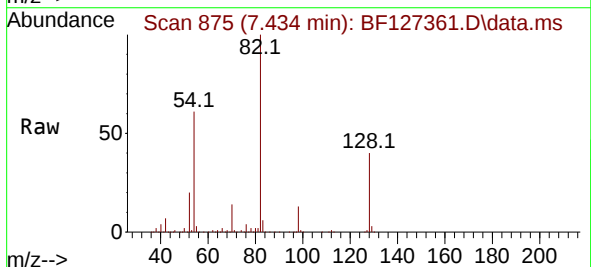
Instrument :
BNA_F
ClientSampleId :
DF1

Tgt Ion: 99 Resp: 721314
Ion Ratio Lower Upper
99 100
42 22.6 14.2 21.4#
71 38.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.948 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion: 70 Resp: 64811
Ion Ratio Lower Upper
70 100
42 51.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

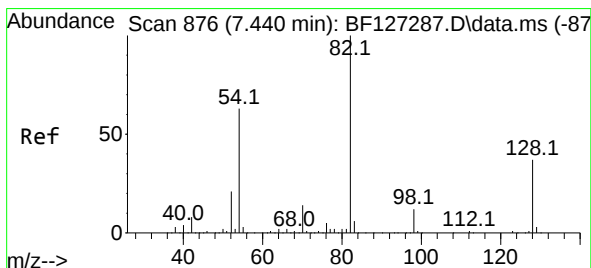
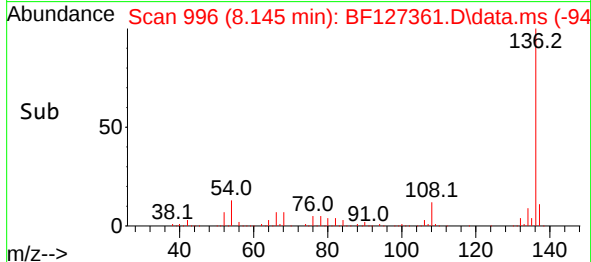
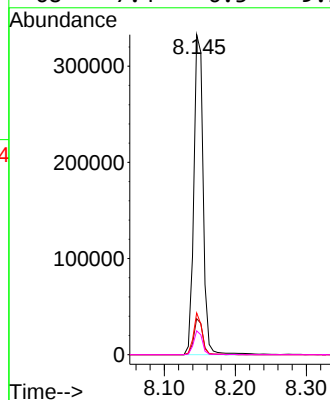
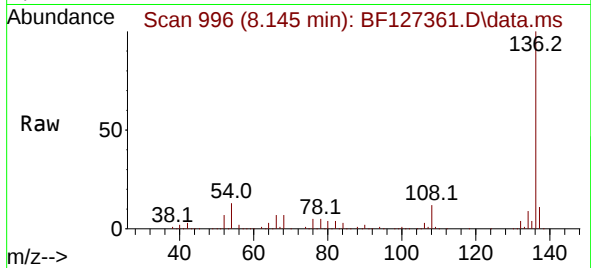




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

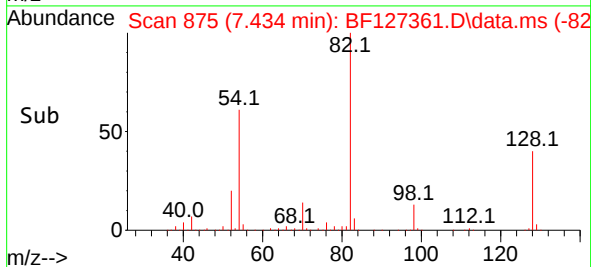
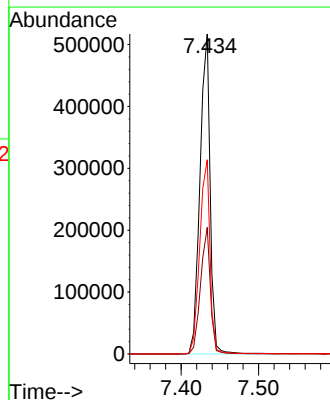
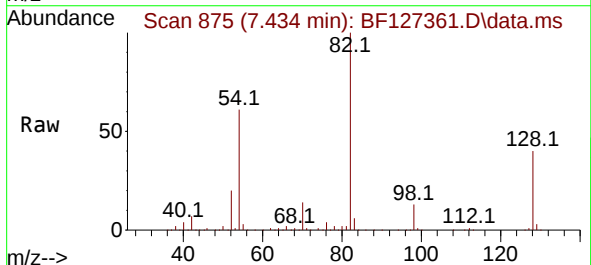
Instrument :
BNA_F
ClientSampleId :
DF1

Tgt Ion:136 Resp: 304403
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 13.1 7.8 11.6#
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 64.045 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion: 82 Resp: 472064
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 60.7 41.7 62.5

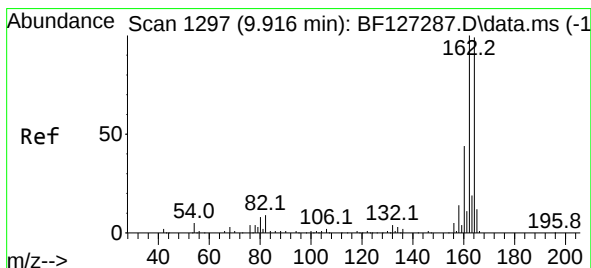
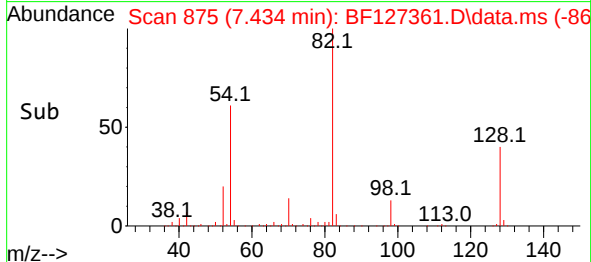
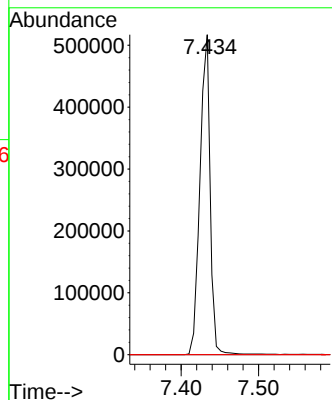
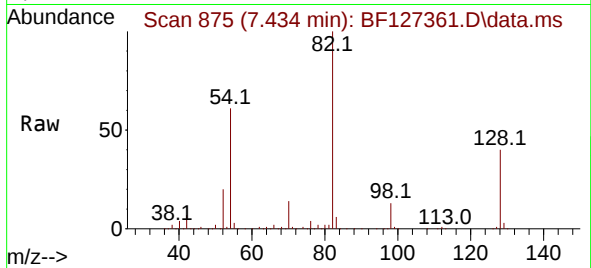




#25
Isophorone
Concen: 39.829 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

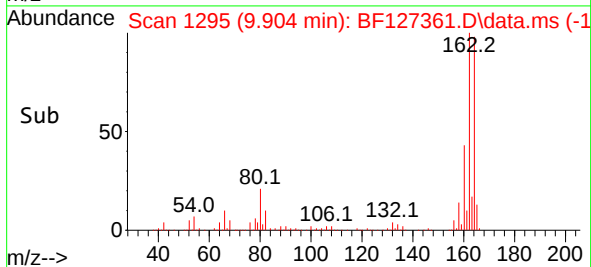
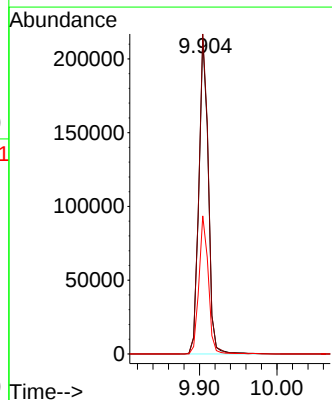
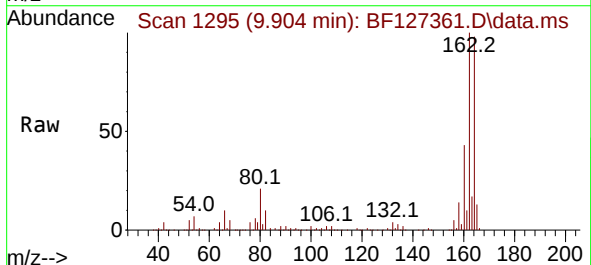
Instrument :
BNA_F
ClientSampleId :
DF1

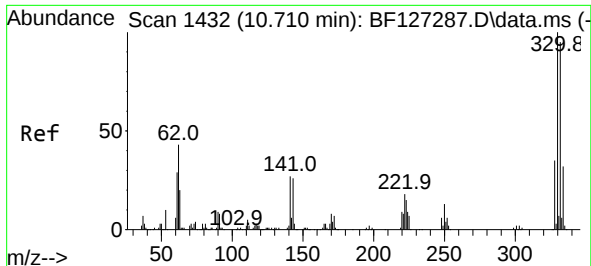
Tgt Ion: 82 Resp: 472064
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion:164 Resp: 180027
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.003 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127361.D

Acq: 16 Mar 2022 21:55

Instrument :

BNA_F

ClientSampleId :

DF1

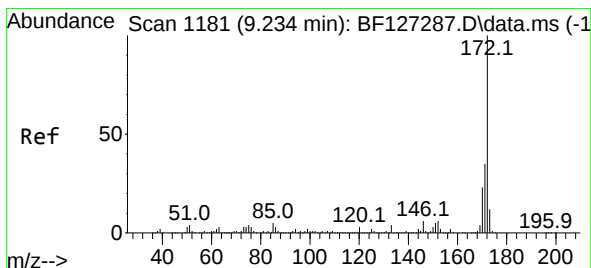
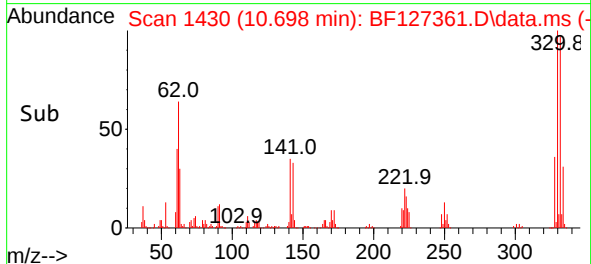
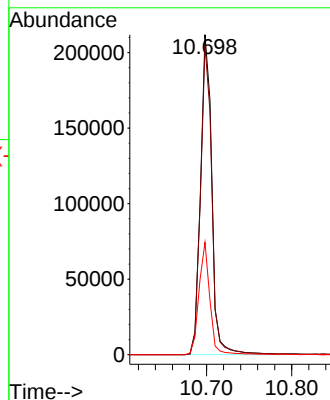
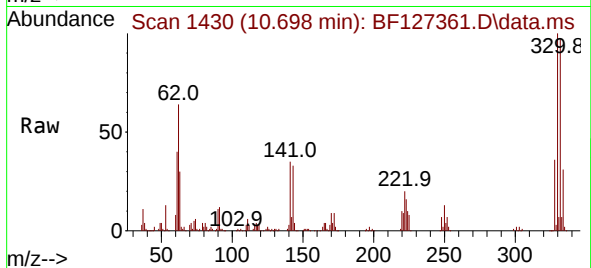
Tgt Ion:330 Resp: 195742

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 34.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.153 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127361.D

Acq: 16 Mar 2022 21:55

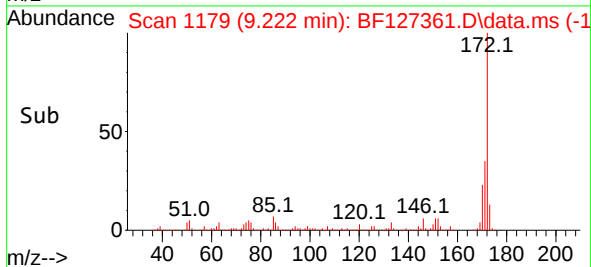
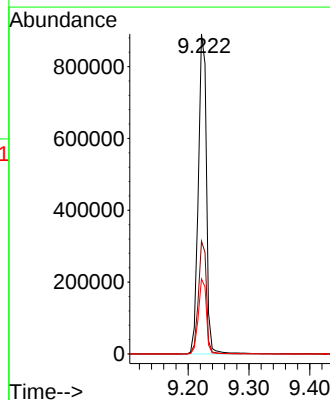
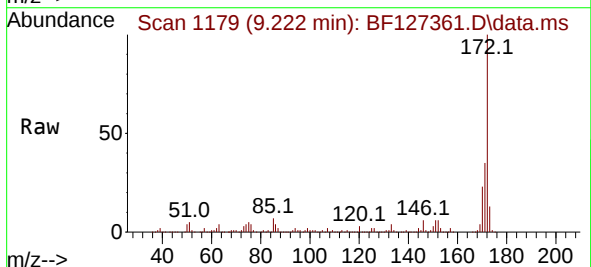
Tgt Ion:172 Resp: 829634

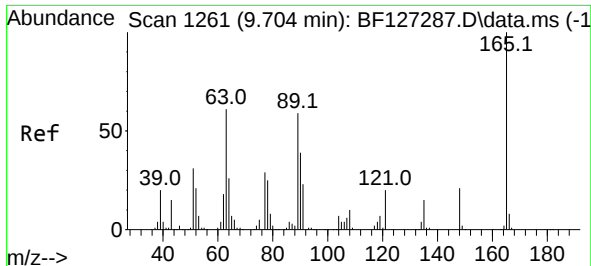
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 19.0 28.6

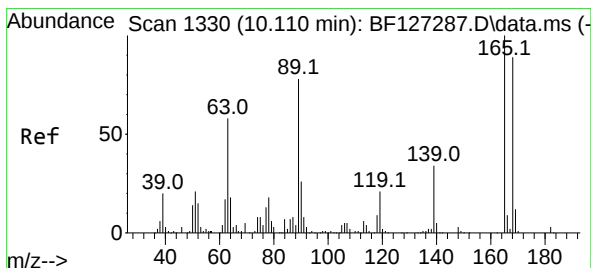
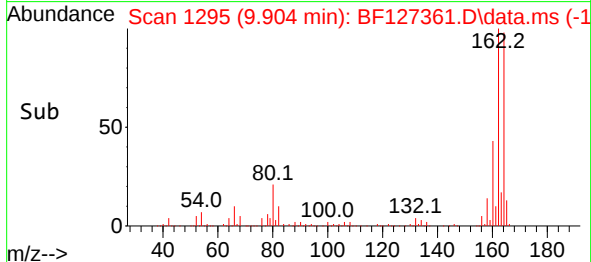
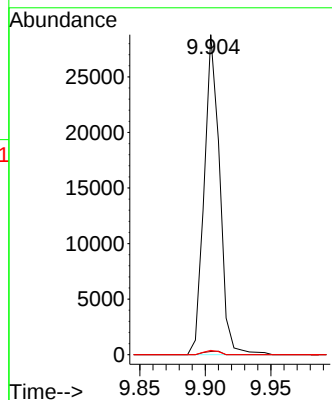
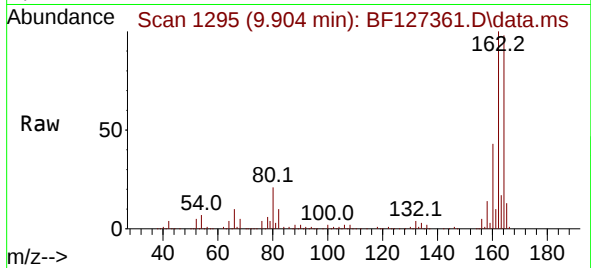




#51
2,6-Dinitrotoluene
Concen: 9.113 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

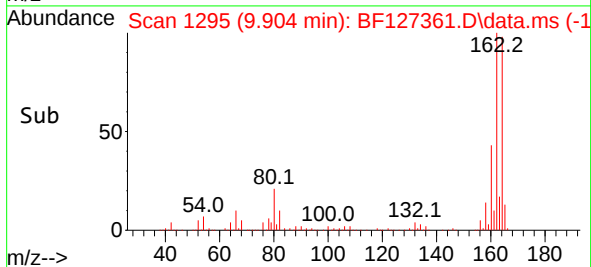
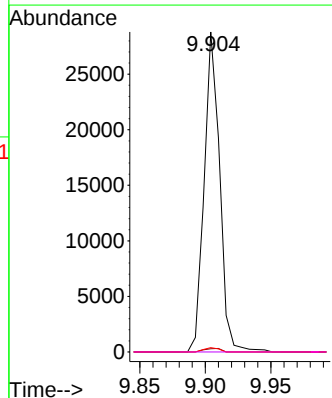
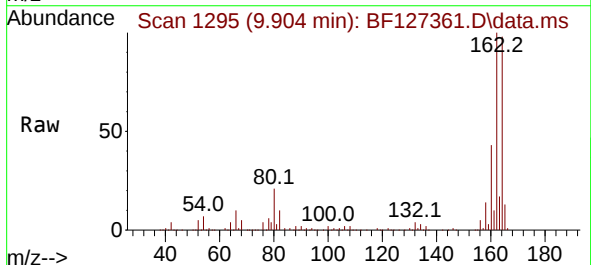
Instrument :
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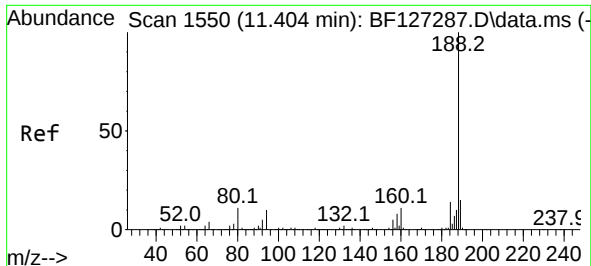
Tgt Ion:165 Resp: 23781
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion:165 Resp: 23781
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#

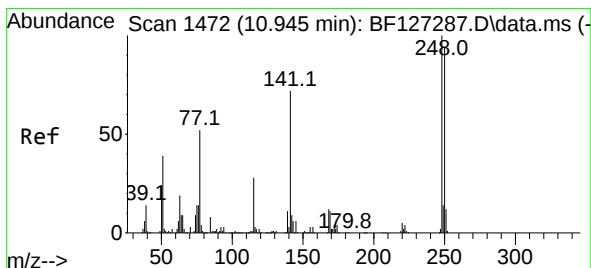
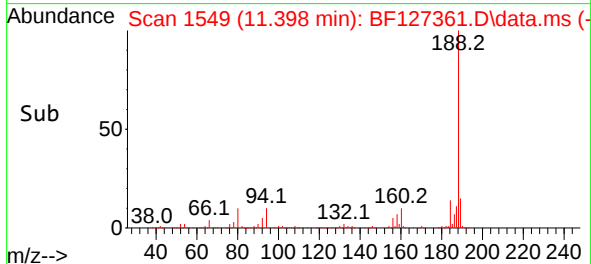
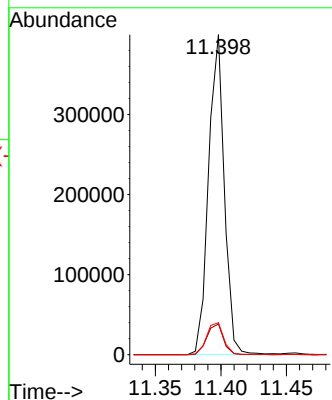
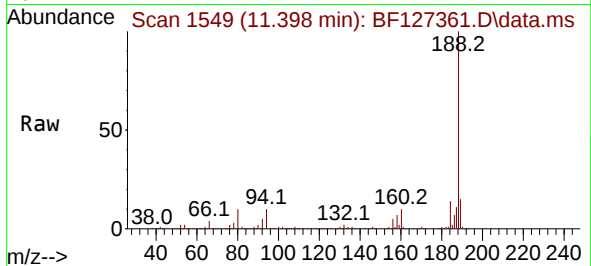




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

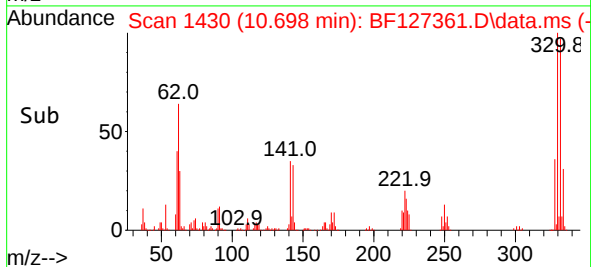
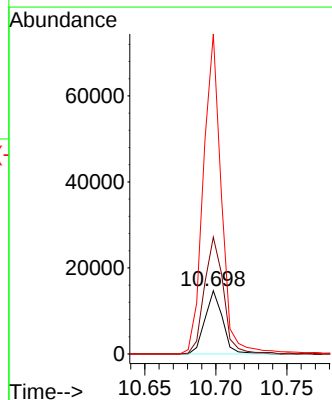
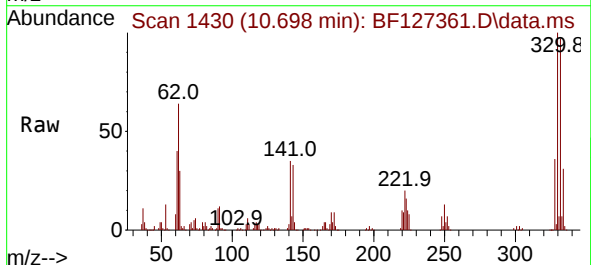
Instrument :
BNA_F
ClientSampleId :
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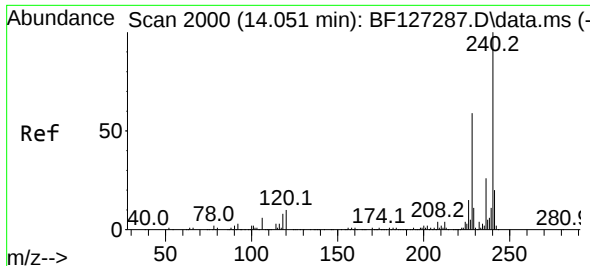
Tgt Ion:188 Resp: 335307
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.0 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.167 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion:248 Resp: 12800
Ion Ratio Lower Upper
248 100
250 184.6 76.2 114.4#
141 505.8 66.2 99.4#

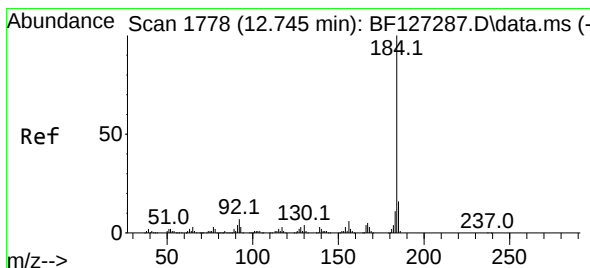
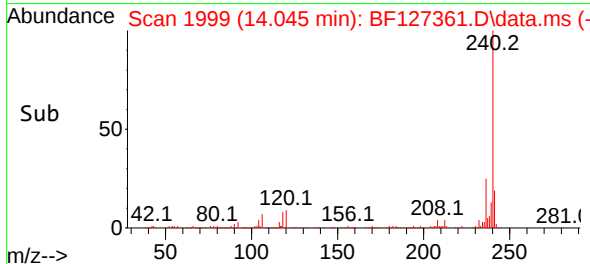
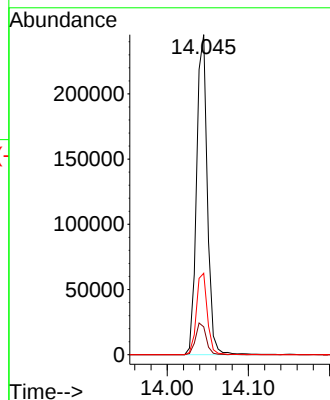
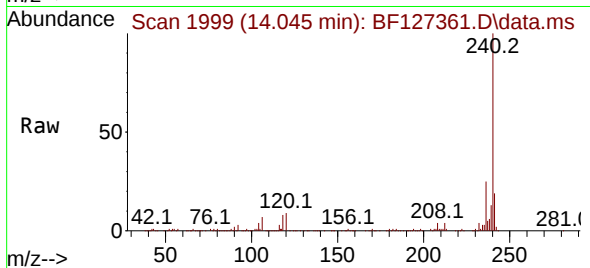




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

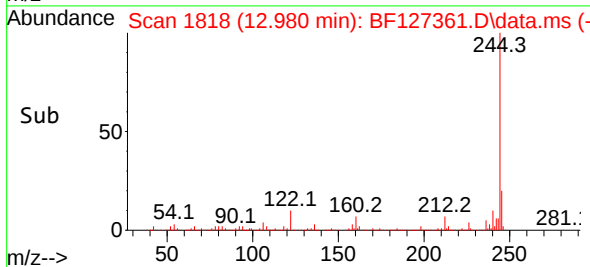
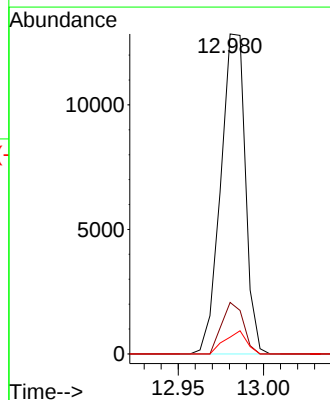
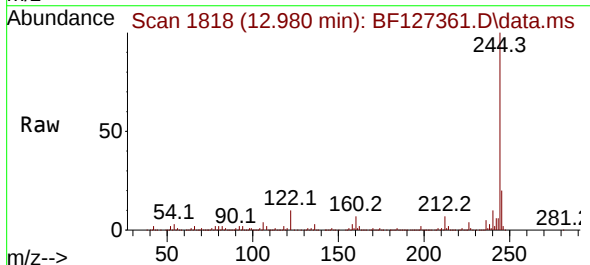
Instrument :
BNA_F
ClientSampleId :
DF1

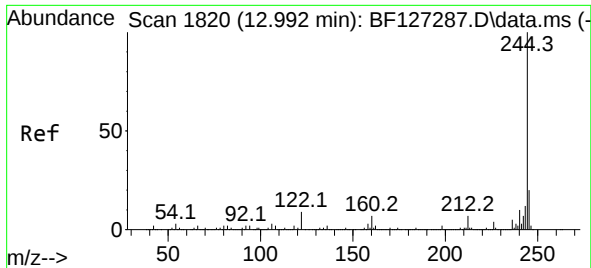
Tgt Ion:240 Resp: 227366
Ion Ratio Lower Upper
240 100
120 8.7 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.234 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.235 min
Lab File: BF127361.D
Acq: 16 Mar 2022 21:55

Tgt Ion:184 Resp: 12915
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 5.3 8.2 12.2#

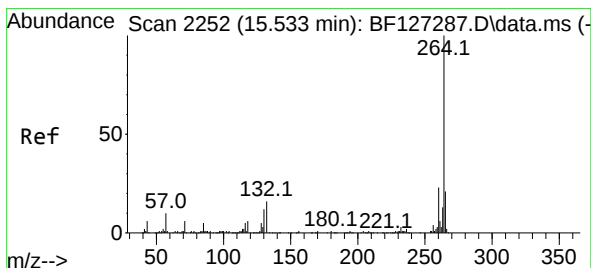
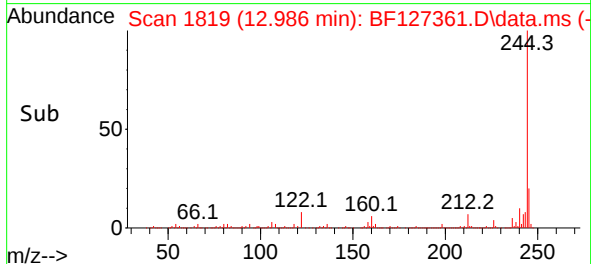
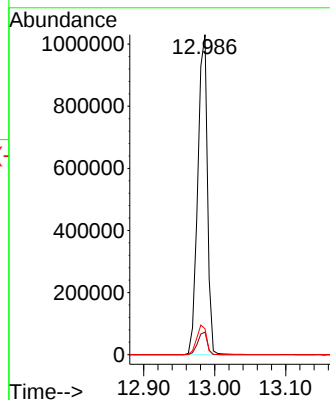
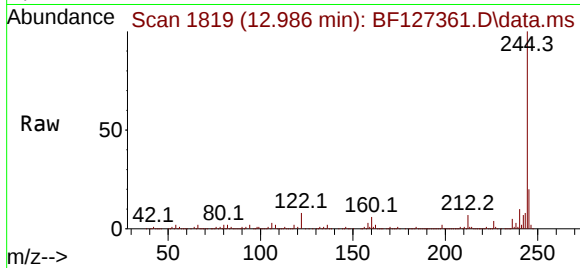




#79
 Terphenyl-d14
 Concen: 73.654 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127361.D
 Acq: 16 Mar 2022 21:55

Instrument :
 BNA_F
 ClientSampleId :
 DF1

Tgt Ion:244 Resp: 972532
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 8.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127361.D
 Acq: 16 Mar 2022 21:55

Tgt Ion:264 Resp: 202518
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.4 17.4 26.2

