

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
 Data File : BF127317.D
 Acq On : 14 Mar 2022 13:28
 Operator : CG\JU
 Sample : PB143209BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143209BL

Quant Time: Mar 14 13:50:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 14 12:19:36 2022
 Response via : Initial Calibration

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

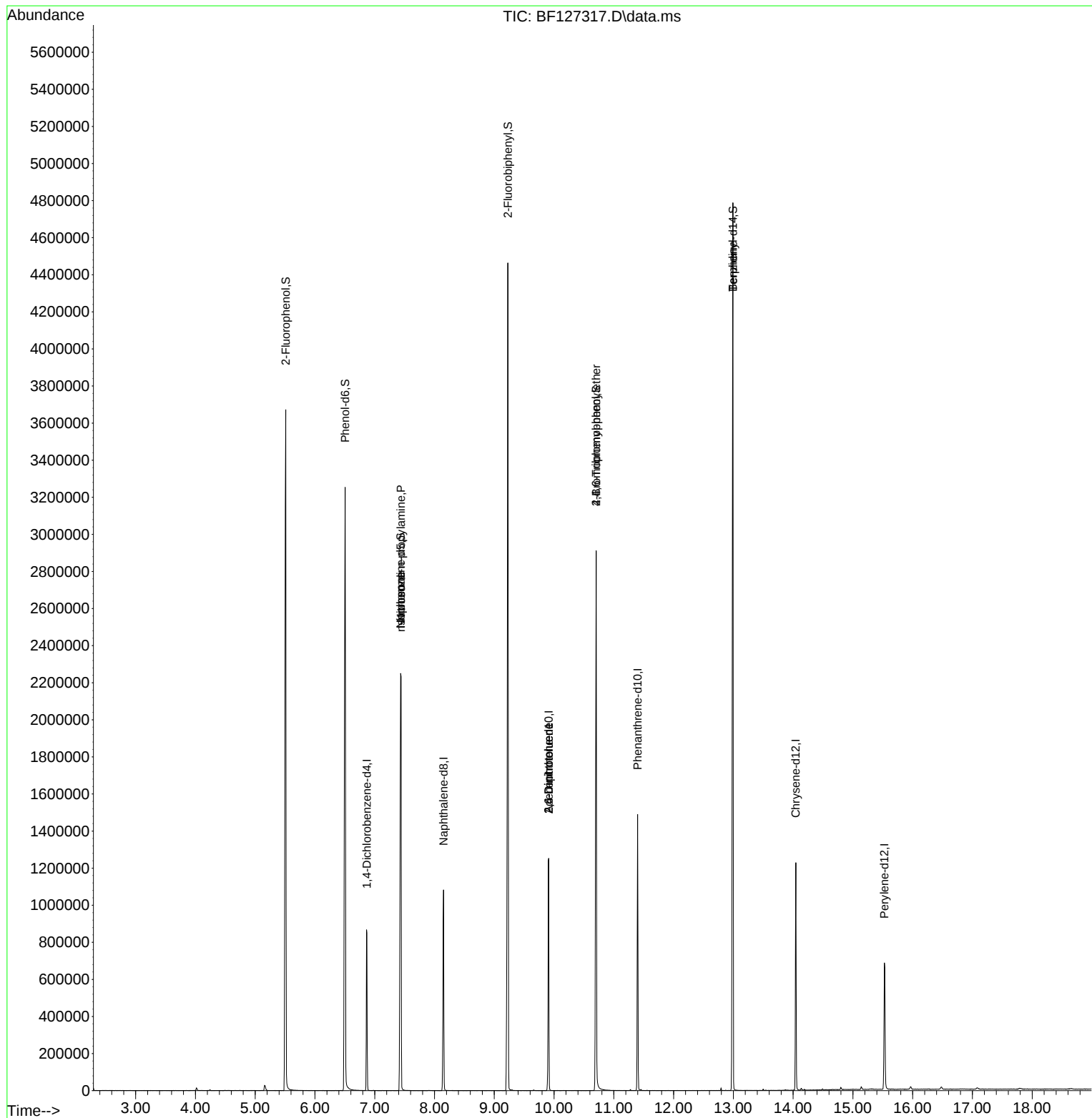
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	130313	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	484240	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	278234	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	505821	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	404563	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	316116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	981795	121.116	ng	0.02
7) Phenol-d6	6.504	99	1365476	122.449	ng	0.00
23) Nitrobenzene-d5	7.434	82	966610	82.437	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	373752	124.785	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1614827	82.054	ng	0.00
79) Terphenyl-d14	12.992	244	1861236	79.220	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	133101	19.127	ng	# 81
25) Isophorone	7.434	82	966603	51.267	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	36273	8.994	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	36273	6.836	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	25056	4.109	ng	# 1
77) Benzidine	12.992	184	23731	2.307	ng	# 95

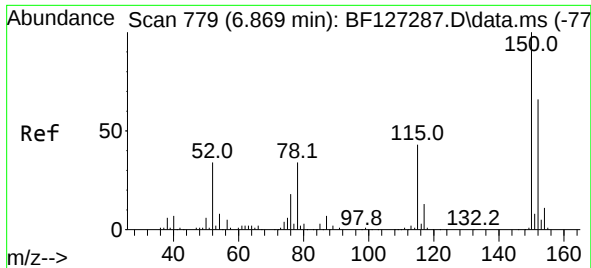
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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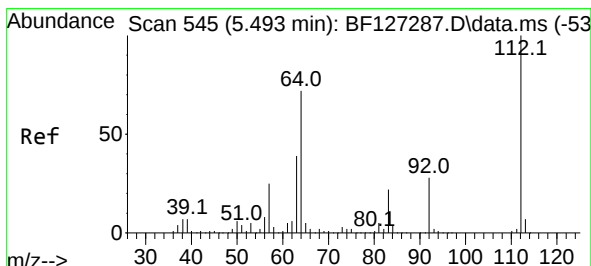
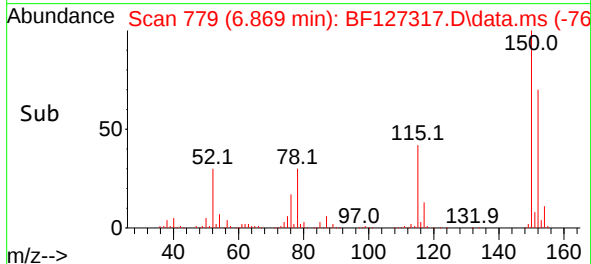
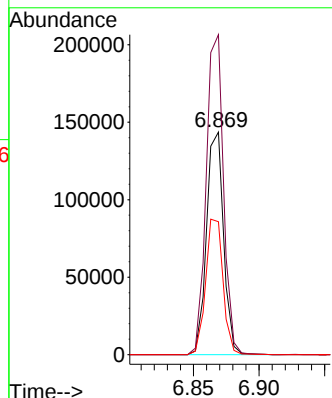
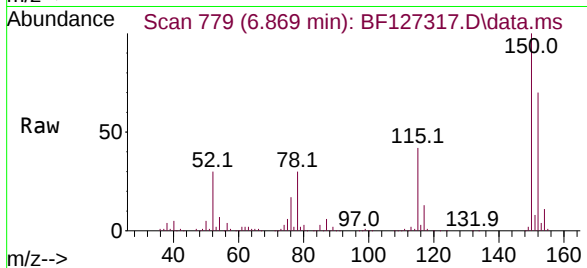




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

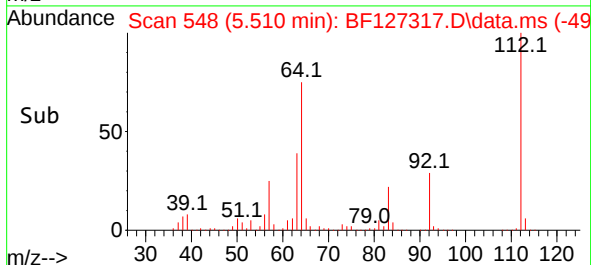
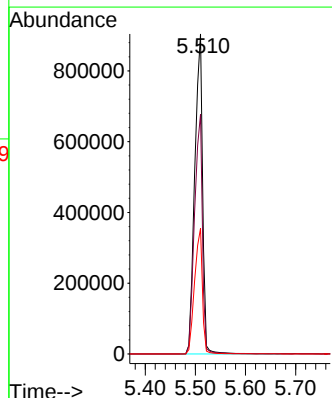
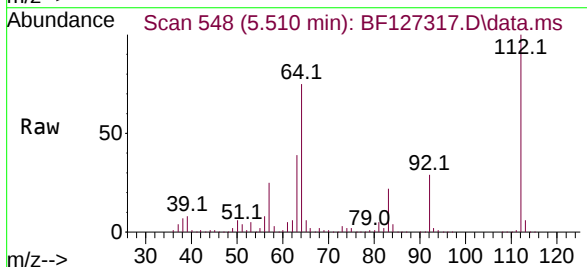
Instrument :
BNA_F
ClientSampleId :
PB143209BL

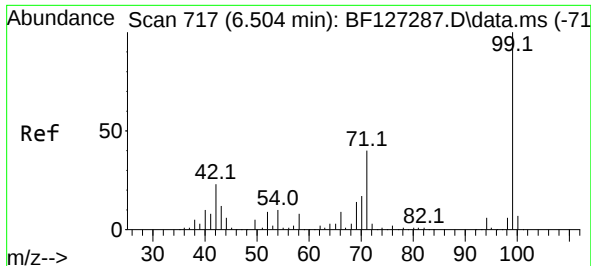
Tgt Ion:152 Resp: 130313
Ion Ratio Lower Upper
152 100
150 143.8 128.1 192.1
115 59.8 56.7 85.1



#5
2-Fluorophenol
Concen: 121.116 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion:112 Resp: 981795
Ion Ratio Lower Upper
112 100
64 74.9 49.5 74.3#
63 39.3 23.9 35.9#





#7

Phenol-d6

Concen: 122.449 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127317.D

Acq: 14 Mar 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB143209BL

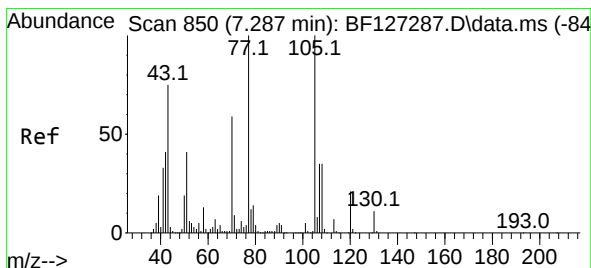
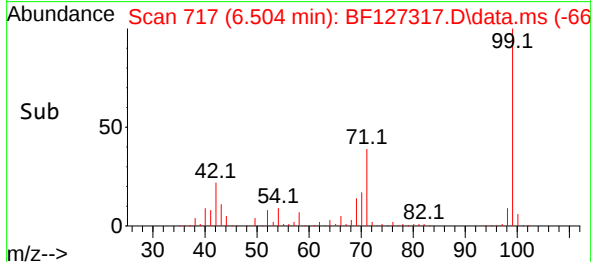
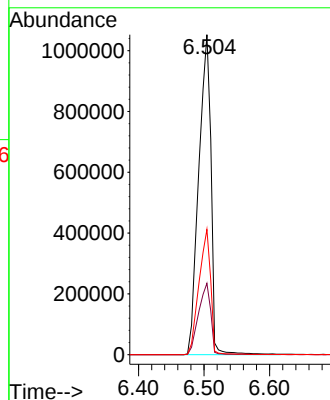
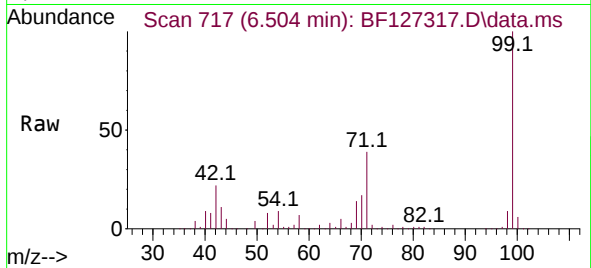
Tgt Ion: 99 Resp: 1365476

Ion Ratio Lower Upper

99 100

42 22.3 14.2 21.4#

71 39.2 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 19.127 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.153 min

Lab File: BF127317.D

Acq: 14 Mar 2022 13:28

Tgt Ion: 70 Resp: 133101

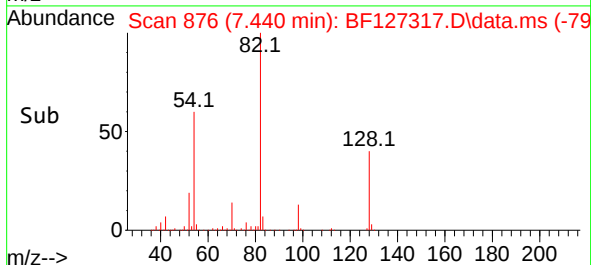
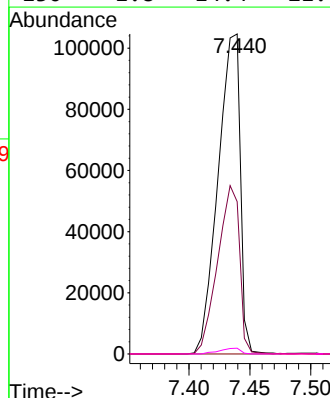
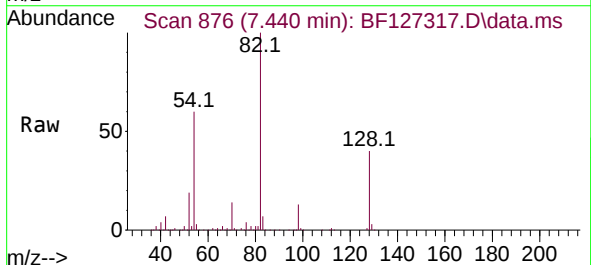
Ion Ratio Lower Upper

70 100

42 47.6 45.8 68.8

101 0.0 6.9 10.3#

130 1.8 14.4 21.6#

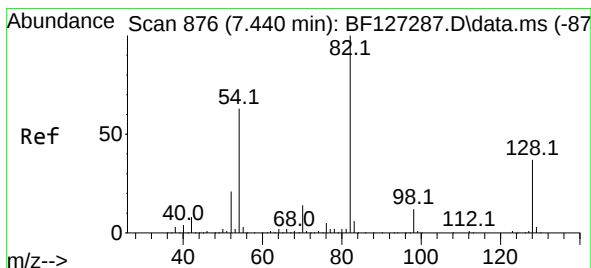
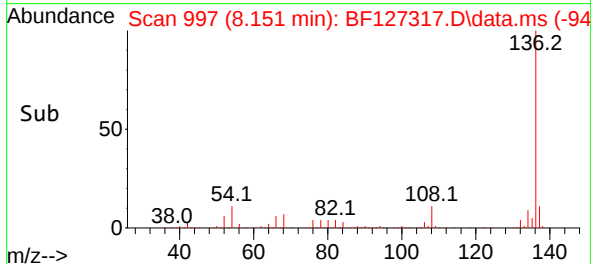
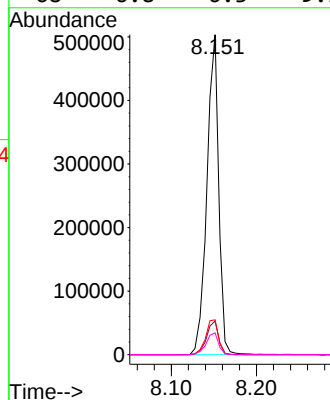
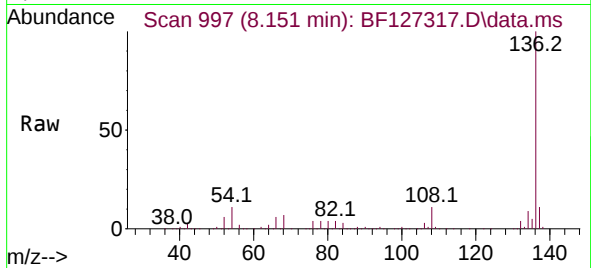




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

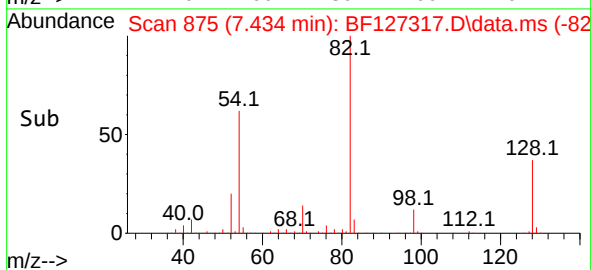
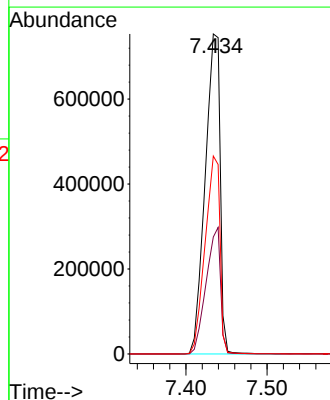
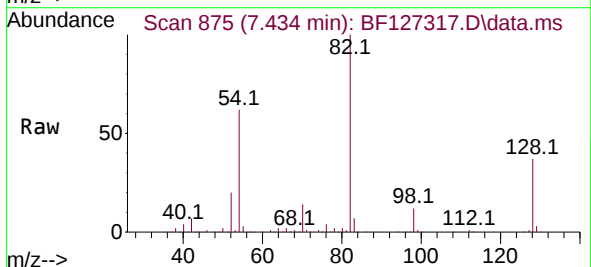
Instrument :
BNA_F
ClientSampleId :
PB143209BL

Tgt Ion:136 Resp: 484240
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.9 7.8 11.6
68 6.8 6.3 9.5



#23
Nitrobenzene-d5
Concen: 82.437 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion: 82 Resp: 966610
Ion Ratio Lower Upper
82 100
128 36.6 32.7 49.1
54 61.9 41.7 62.5

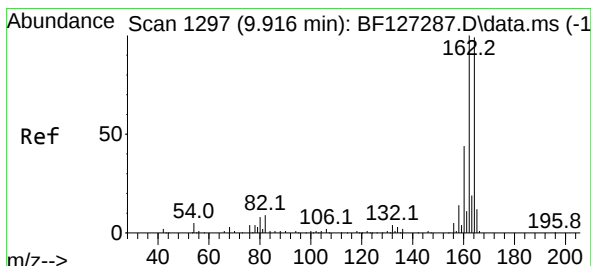
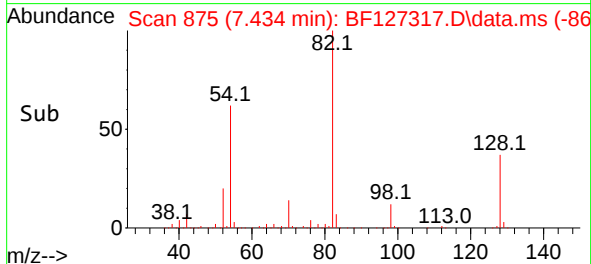
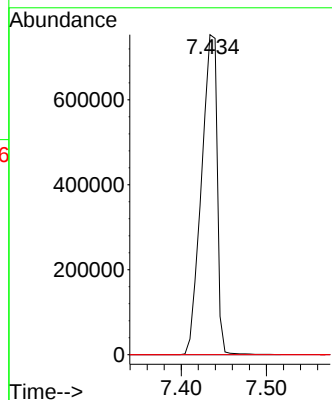
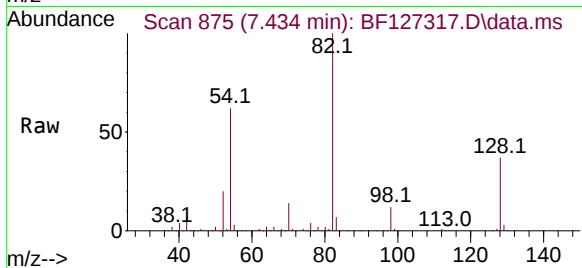




#25
Isophorone
Concen: 51.267 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

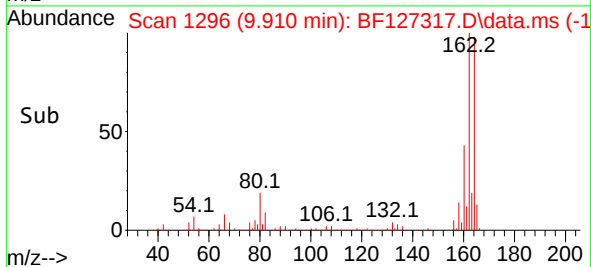
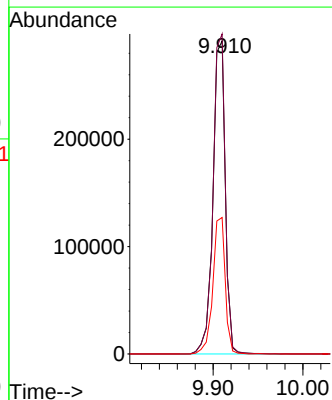
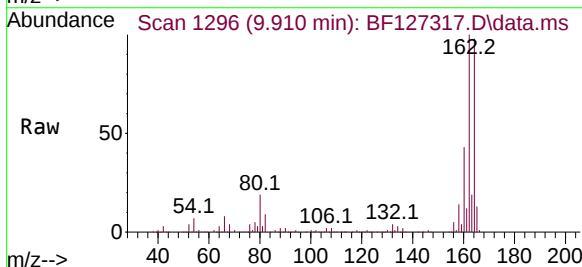
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BNA_F
ClientSampleId :
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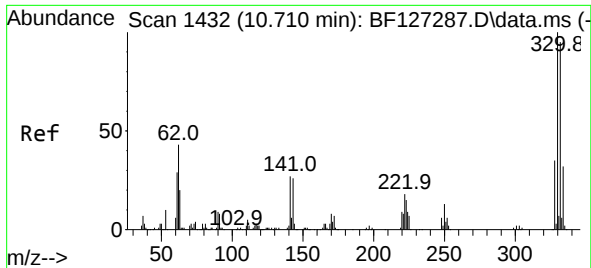
Tgt Ion: 82 Resp: 966603
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion: 164 Resp: 278234
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 43.6 36.6 54.8

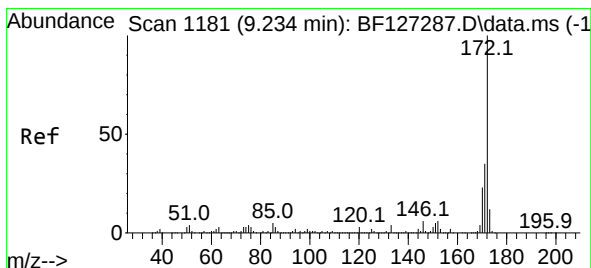
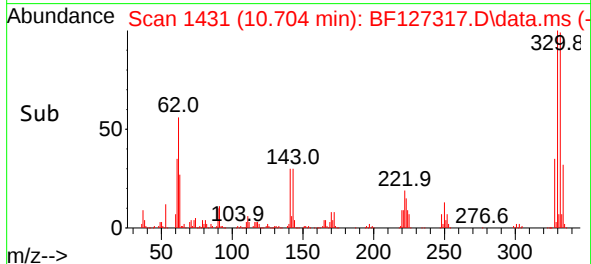
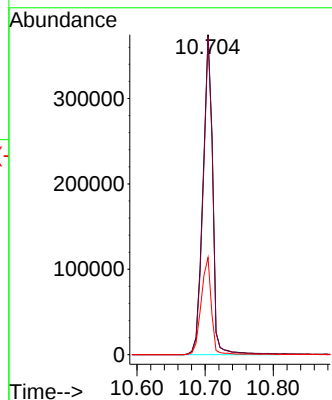
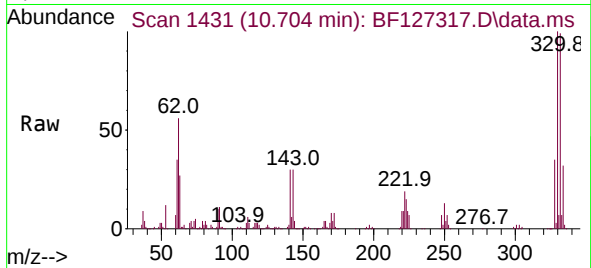




#42
2,4,6-Tribromophenol
Concen: 124.785 ng
RT: 10.704 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

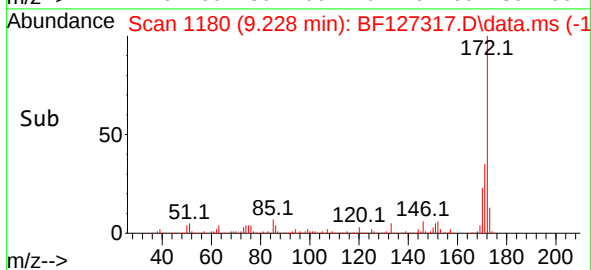
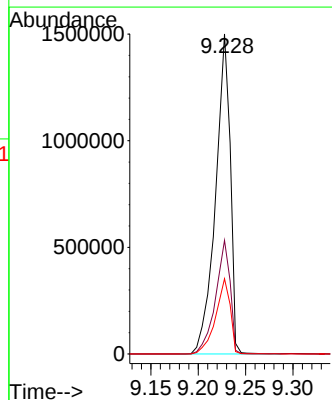
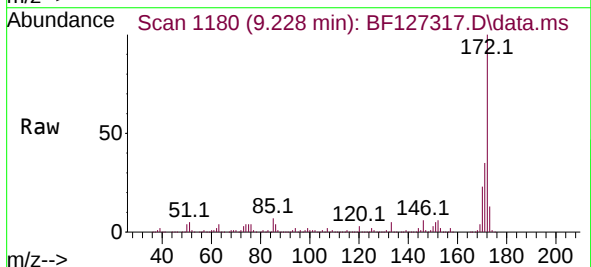
Instrument :
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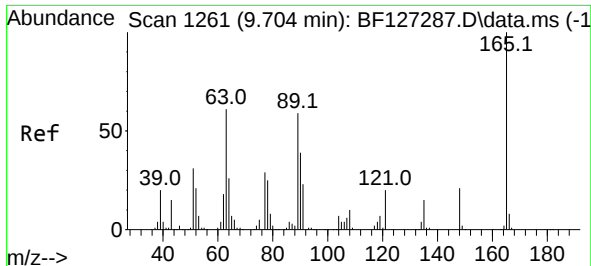
Tgt Ion:330 Resp: 373752
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 31.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 82.054 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion:172 Resp: 1614827
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 19.0 28.6

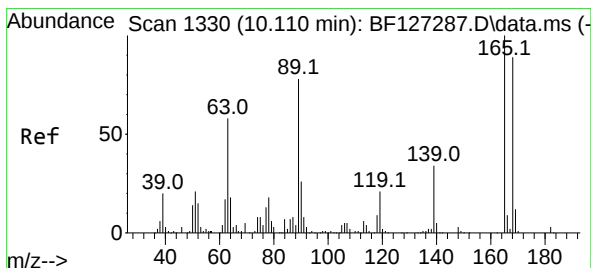
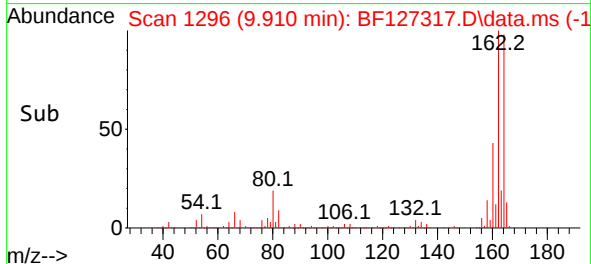
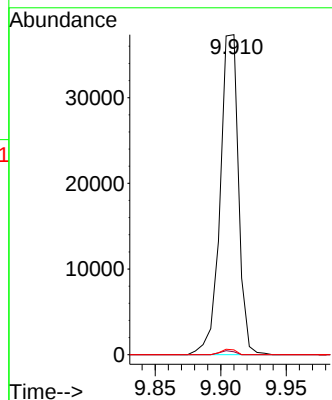
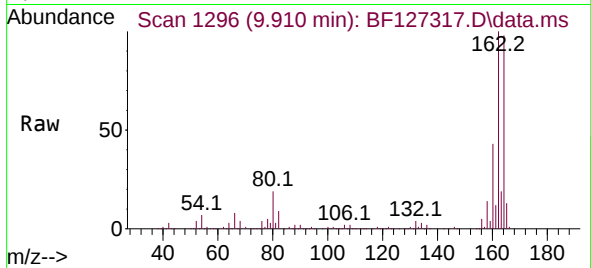




#51
2,6-Dinitrotoluene
Concen: 8.994 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

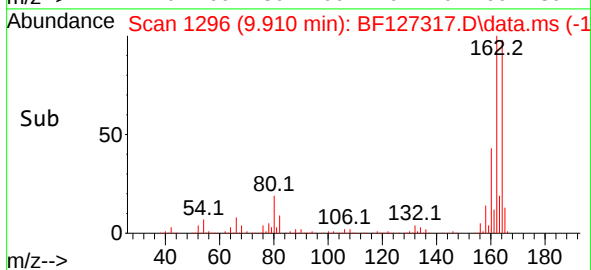
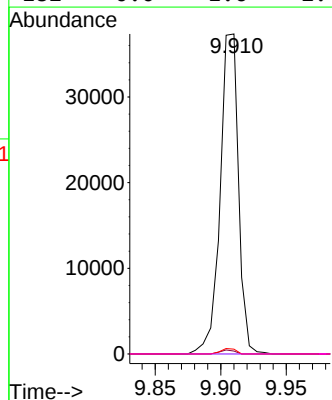
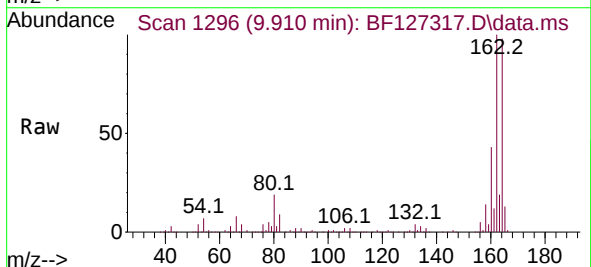
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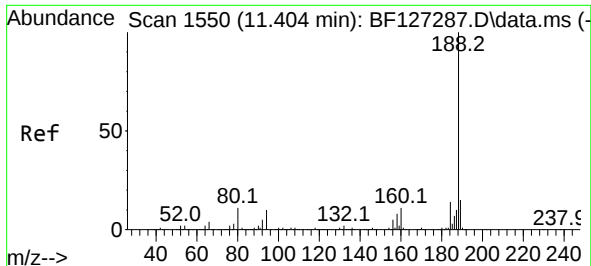
Tgt Ion:165 Resp: 36273
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion:165 Resp: 36273
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

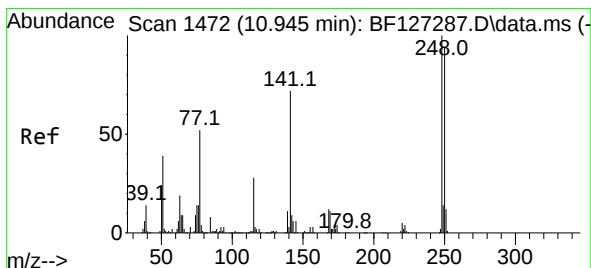
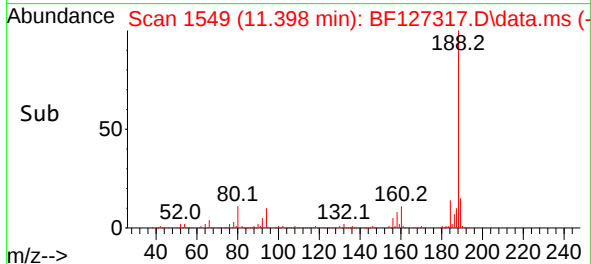
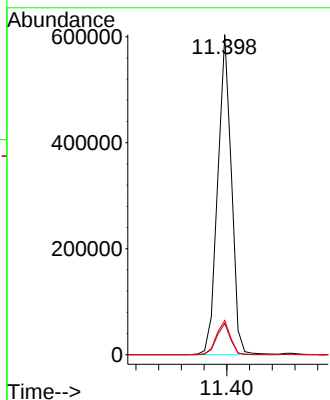
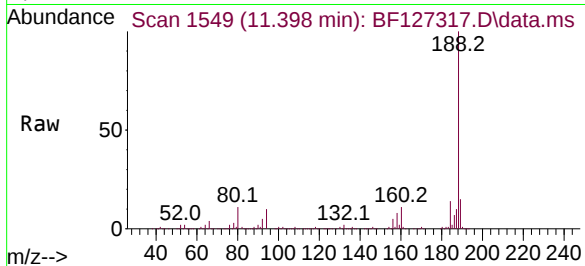




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

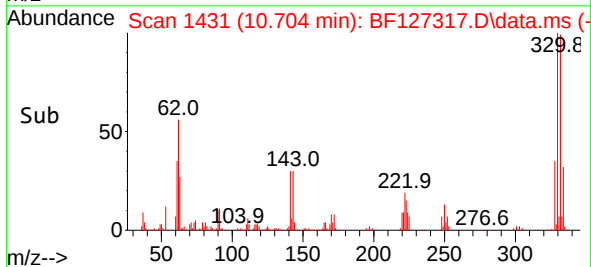
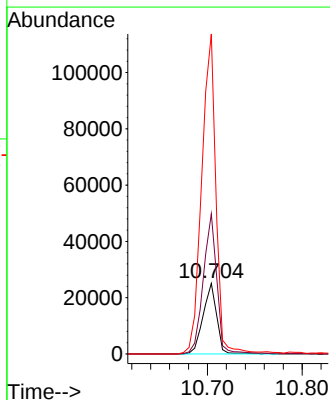
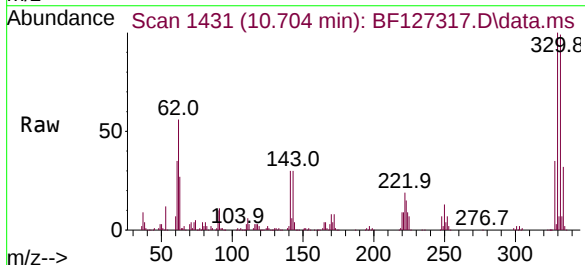
Instrument :
BNA_F
ClientSampleId :
PB143209BL

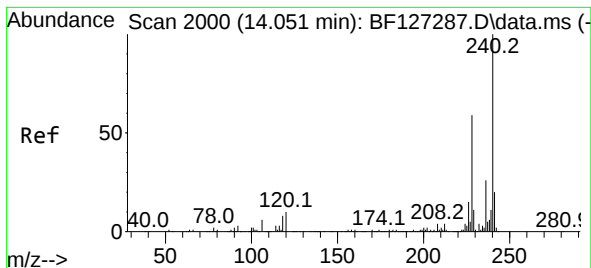
Tgt Ion:188 Resp: 505821
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.7 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.109 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127317.D
Acq: 14 Mar 2022 13:28

Tgt Ion:248 Resp: 25056
Ion Ratio Lower Upper
248 100
250 198.6 76.2 114.4#
141 453.3 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: BF127317.D

Acq: 14 Mar 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB143209BL

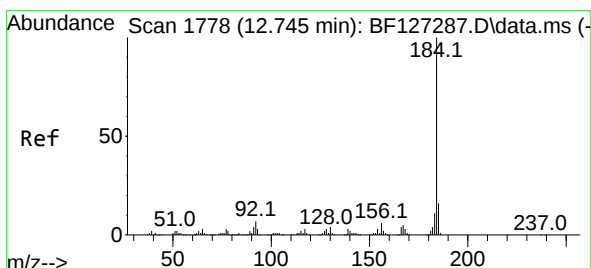
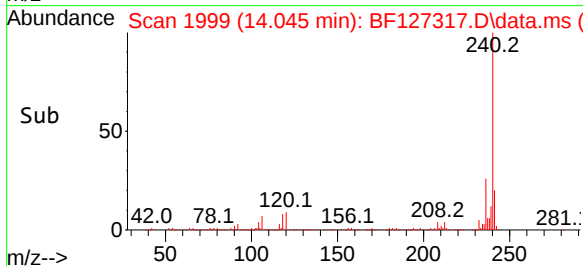
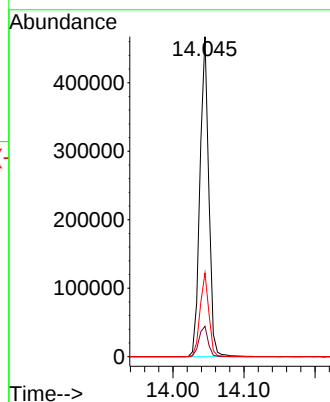
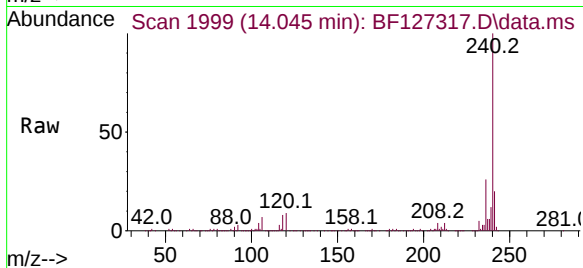
Tgt Ion:240 Resp: 404563

Ion Ratio Lower Upper

240 100

120 9.5 14.4 21.6#

236 26.2 20.5 30.7



#77

Benzidine

Concen: 2.307 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127317.D

Acq: 14 Mar 2022 13:28

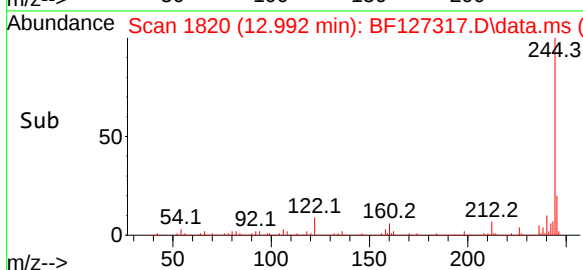
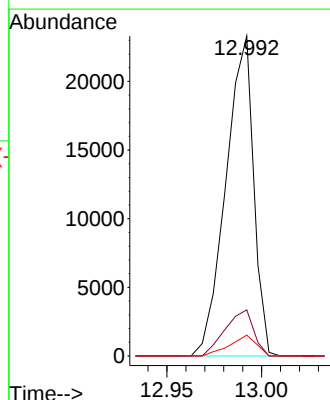
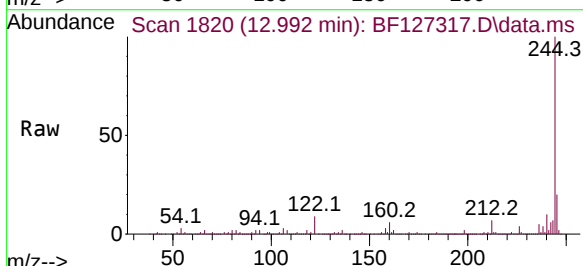
Tgt Ion:184 Resp: 23731

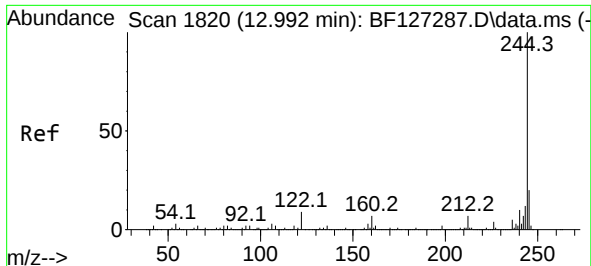
Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

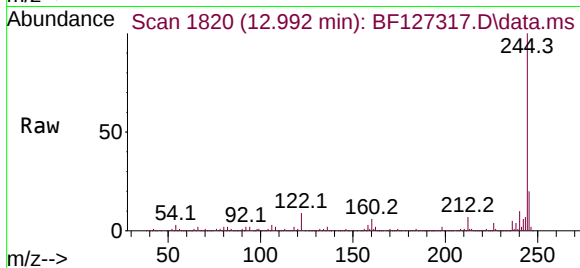
183 6.5 8.2 12.2#



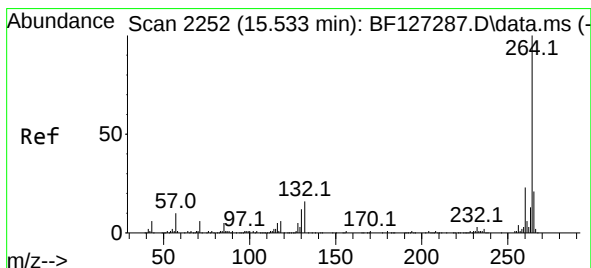
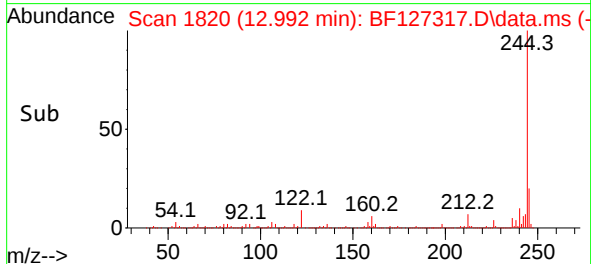
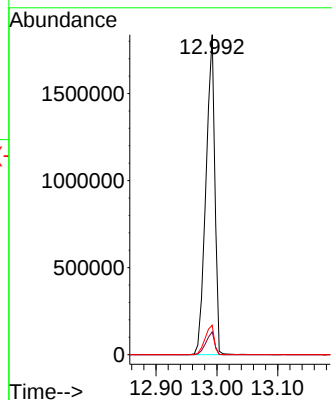


#79
 Terphenyl-d14
 Concen: 79.220 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127317.D
 Acq: 14 Mar 2022 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB143209BL



Tgt Ion:244 Resp: 1861236
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 9.2 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: BF127317.D
 Acq: 14 Mar 2022 13:28

Tgt Ion:264 Resp: 316116
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.4 26.2

