

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127558.D
 Acq On : 29 Mar 2022 11:37
 Operator : CG\JU
 Sample : PB143673BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143673BL

Quant Time: Mar 29 15:53:41 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 29 07:13:31 2022
 Response via : Initial Calibration

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

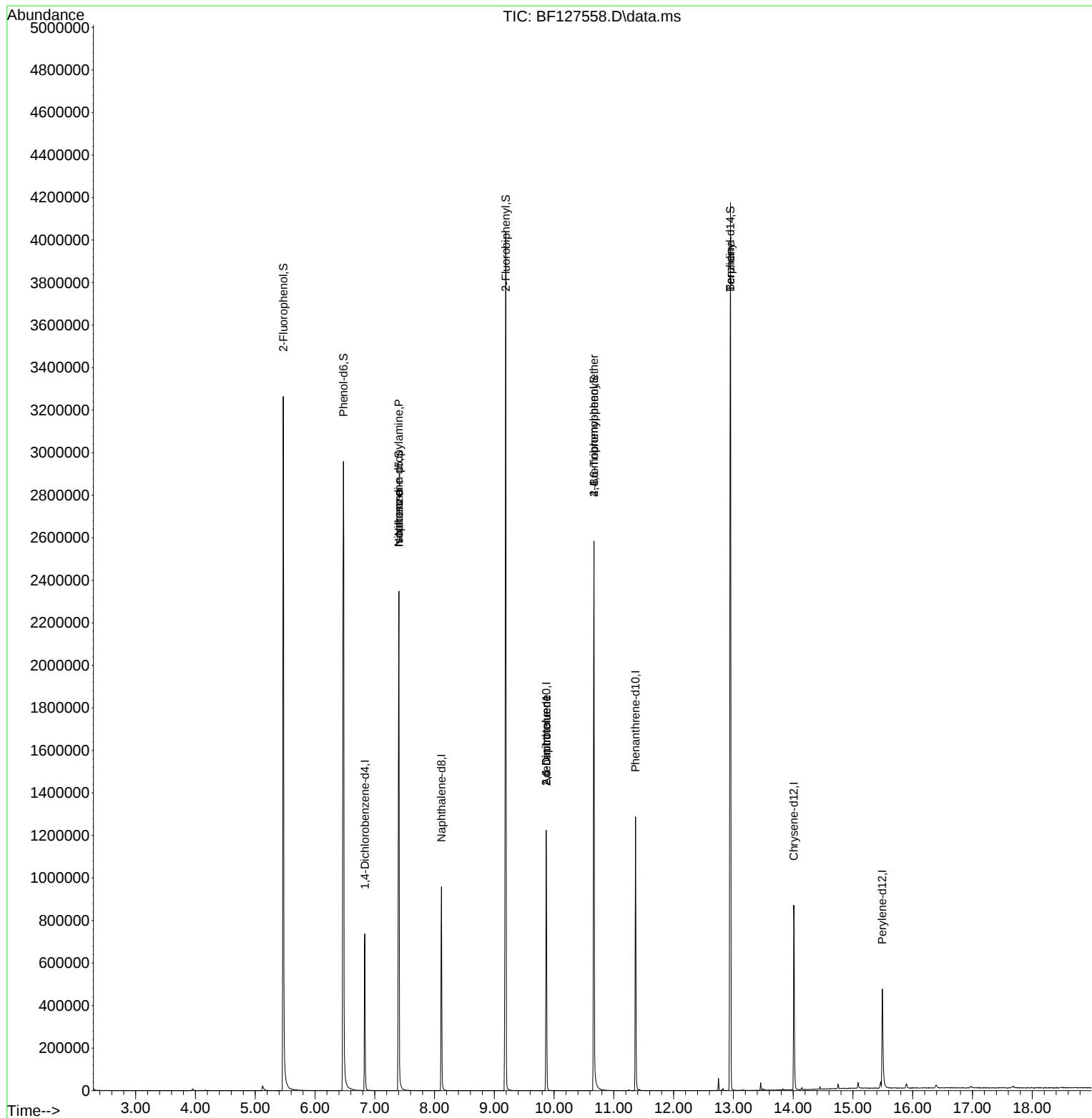
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	112787	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	418014	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	245483	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	450660	20.000	ng	0.00
76) Chrysene-d12	14.010	240	323719	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	232933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	865950	122.554	ng	0.01
7) Phenol-d6	6.475	99	1188167	123.018	ng	0.00
23) Nitrobenzene-d5	7.404	82	815774	83.420	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	319047	122.006	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1394350	82.942	ng	0.00
79) Terphenyl-d14	12.951	244	1601808	81.002	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1909	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	112965	19.512	ng	# 79
25) Isophorone	7.404	82	815767	52.376	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	31833	8.880	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	31833	6.899	ng	# 14
58) Fluorene	10.669	166	11483	Below Cal	#	84
67) 4-Bromophenyl-phenylether	10.669	248	20812	3.955	ng	# 1
77) Benzidine	12.951	184	19872	2.575	ng	# 93

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

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Quant Time: Mar 29 15:53:41 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 29 07:13:31 2022
Response via : Initial Calibration

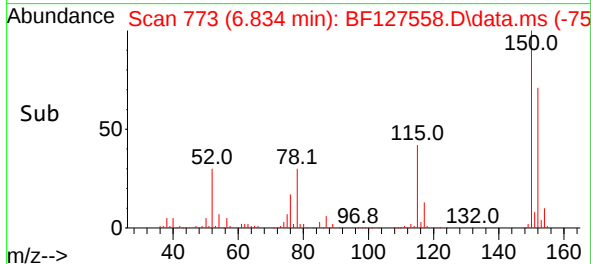
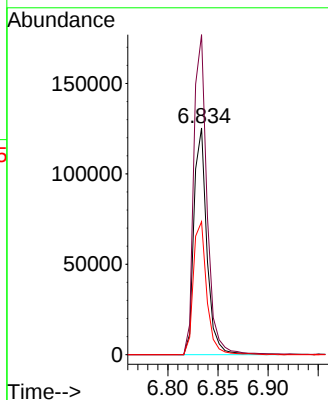
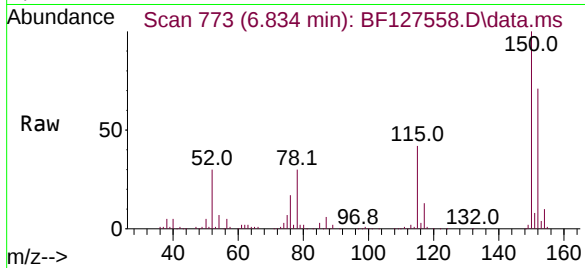




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

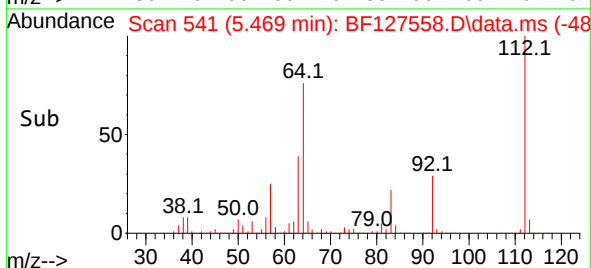
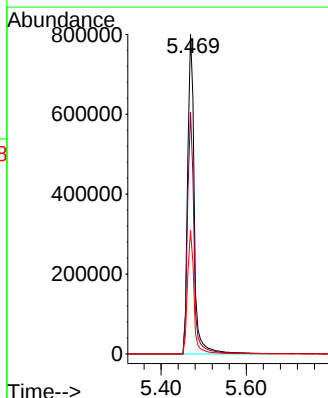
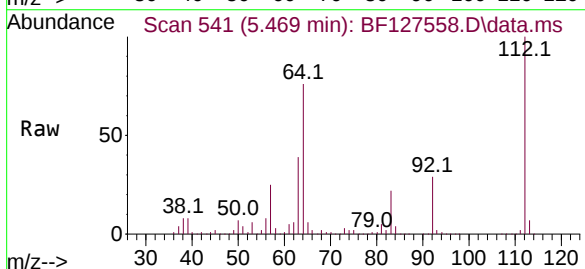
Instrument :
BNA_F
ClientSampleId :
PB143673BL

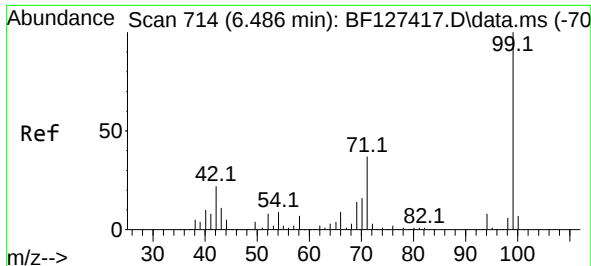
Tgt Ion:152 Resp: 112787
Ion Ratio Lower Upper
152 100
150 141.1 117.2 175.8
115 58.6 49.8 74.6



#5
2-Fluorophenol
Concen: 122.554 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion:112 Resp: 865950
Ion Ratio Lower Upper
112 100
64 75.6 58.4 87.6
63 38.6 30.1 45.1

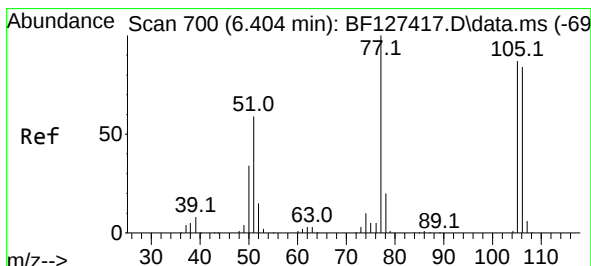
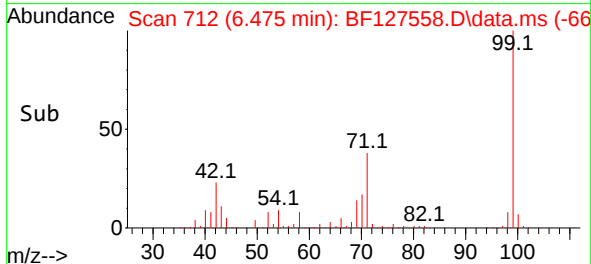
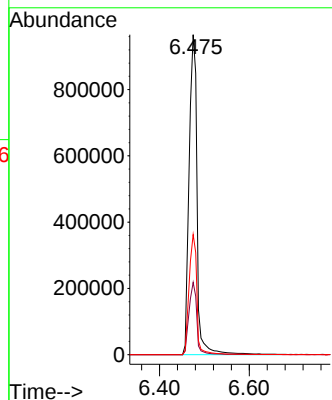
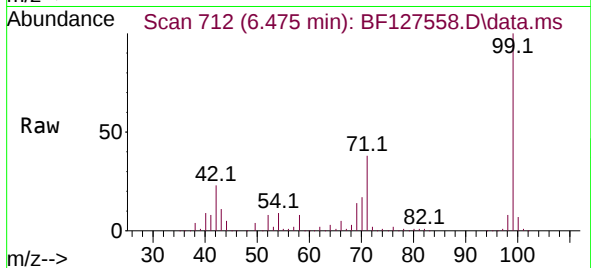




#7
Phenol-d6
Concen: 123.018 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

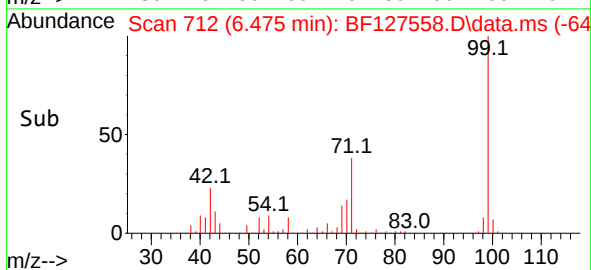
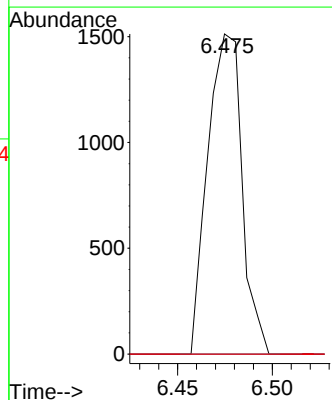
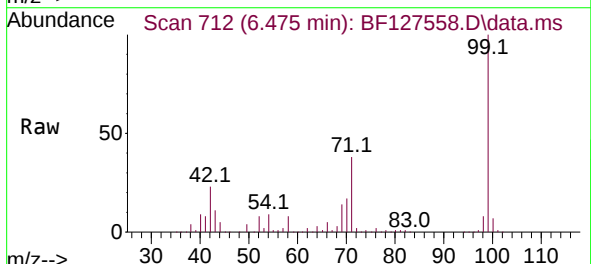
Instrument :
BNA_F
ClientSampleId :
PB143673BL

Tgt Ion: 99 Resp: 1188167
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 37.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

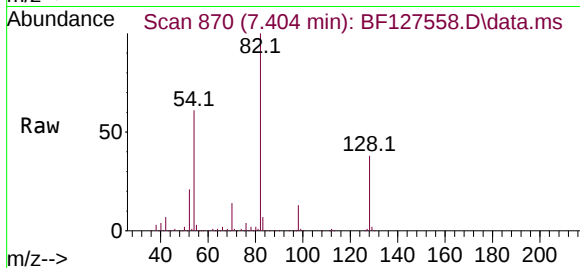
Tgt Ion: 77 Resp: 1909
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



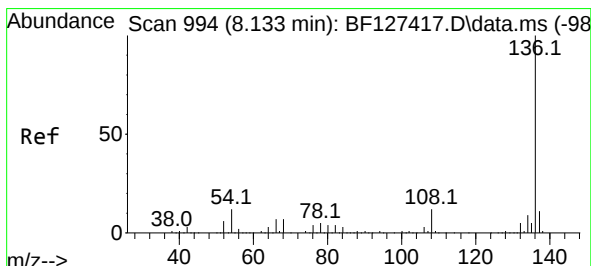
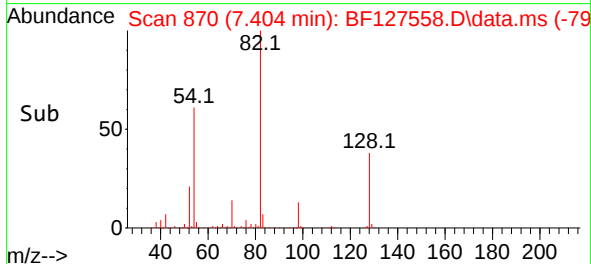
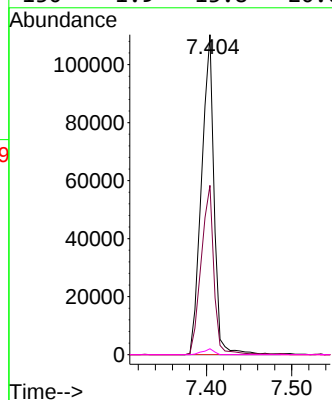


#19
n-Nitroso-di-n-propylamine
Concen: 19.512 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Instrument :
BNA_F
ClientSampleId :
PB143673BL

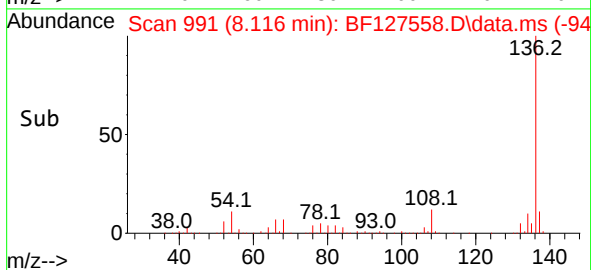
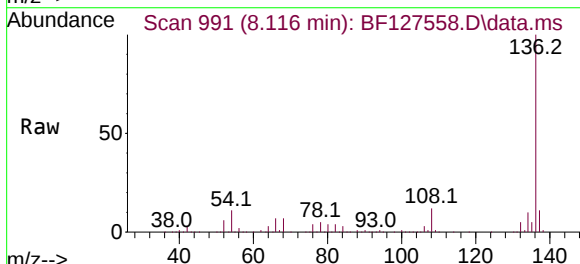
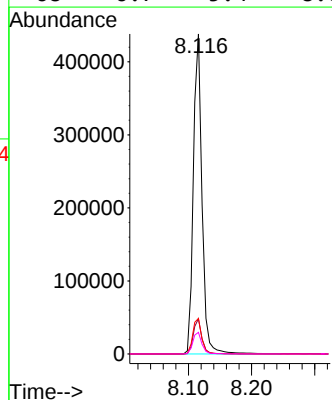


Tgt Ion: 70 Resp: 112965
Ion Ratio Lower Upper
70 100
42 52.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion: 136 Resp: 418014
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.1 9.2 13.8
68 6.7 5.4 8.0

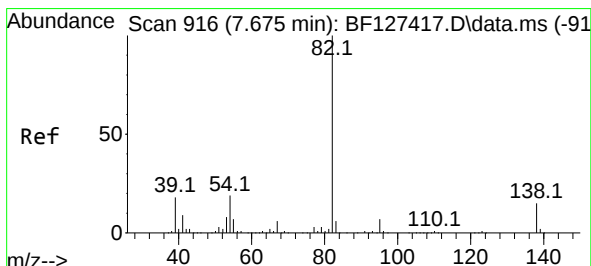
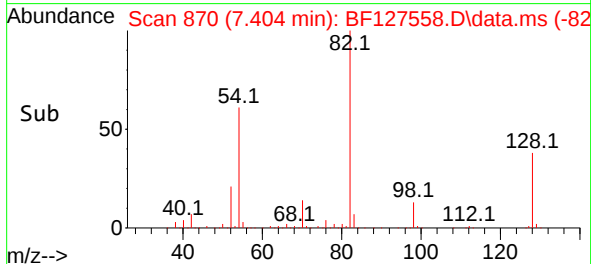
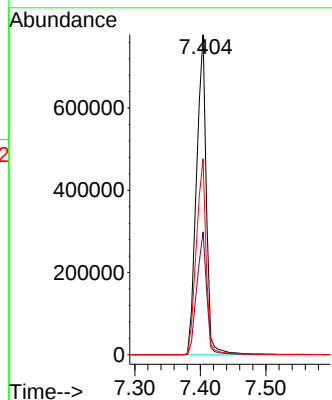
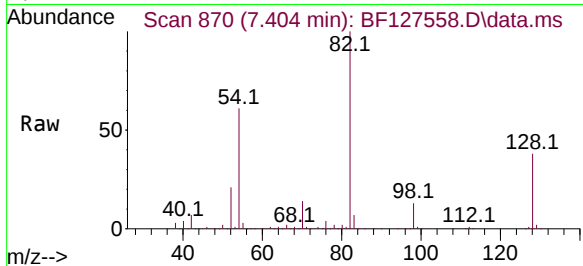




#23
Nitrobenzene-d5
Concen: 83.420 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

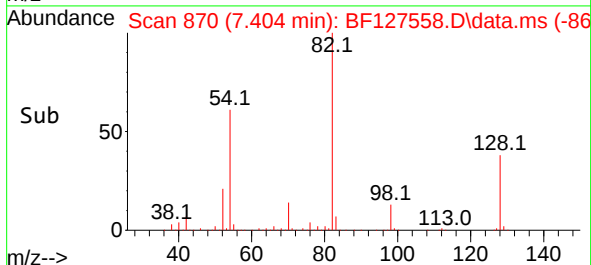
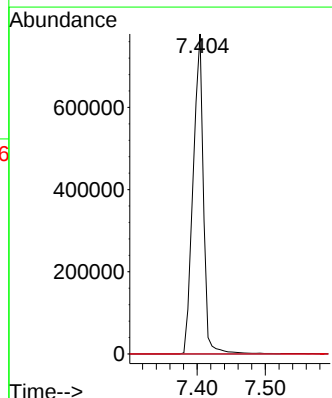
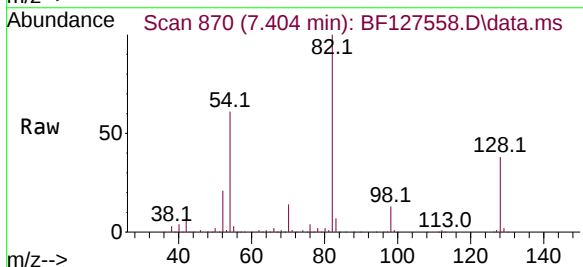
Instrument :
BNA_F
ClientSampleId :
PB143673BL

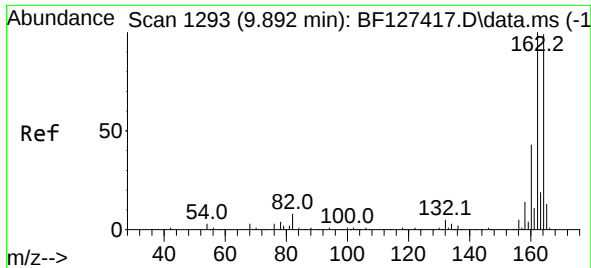
Tgt Ion: 82 Resp: 815774
Ion Ratio Lower Upper
82 100
128 38.4 30.6 45.8
54 61.3 48.2 72.2



#25
Isophorone
Concen: 52.376 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion: 82 Resp: 815767
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: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127558.D

Acq: 29 Mar 2022 11:37

Instrument :

BNA_F

ClientSampleId :

PB143673BL

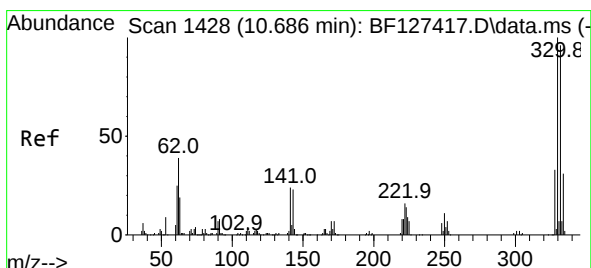
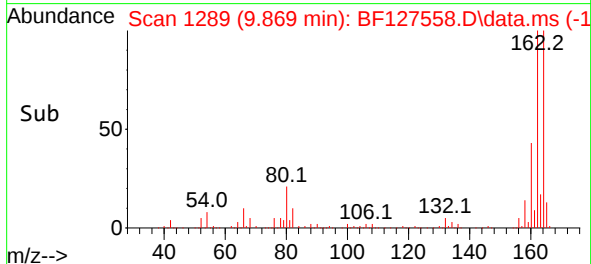
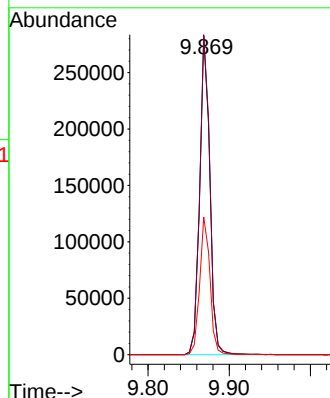
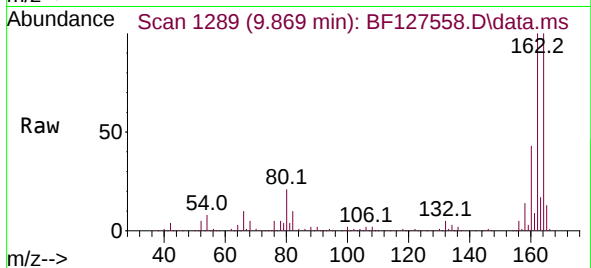
Tgt Ion:164 Resp: 245483

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 43.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 122.006 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127558.D

Acq: 29 Mar 2022 11:37

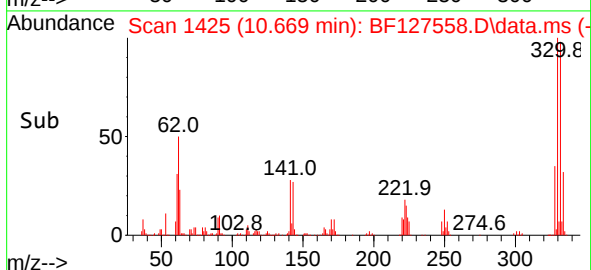
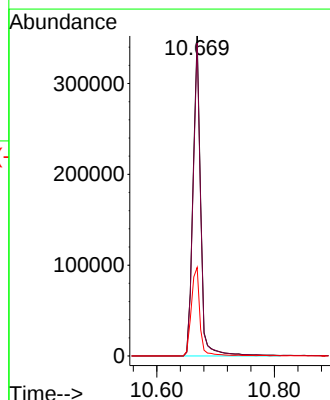
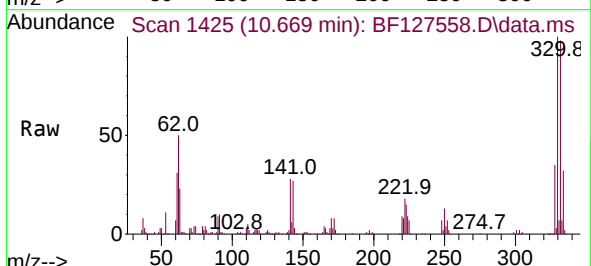
Tgt Ion:330 Resp: 319047

Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

141 31.1 26.2 39.4

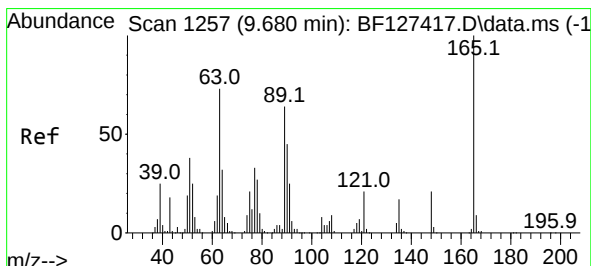
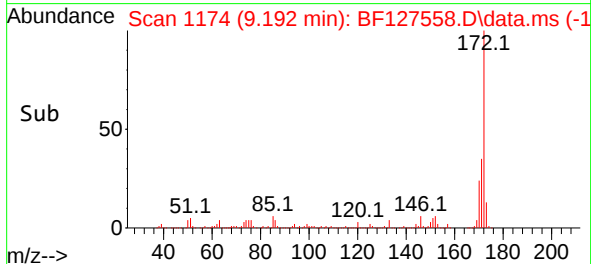
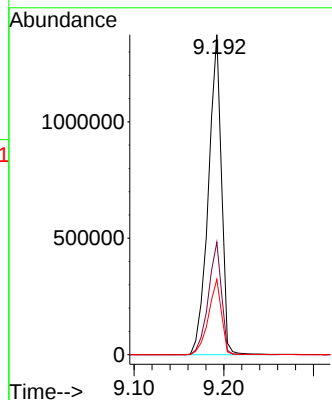
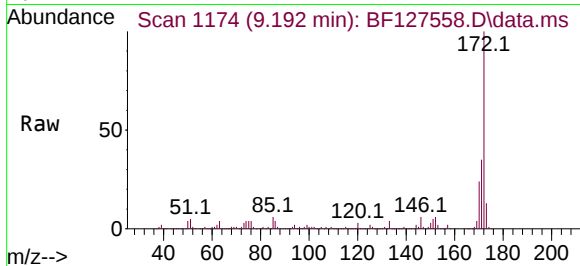




#45
2-Fluorobiphenyl
Concen: 82.942 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

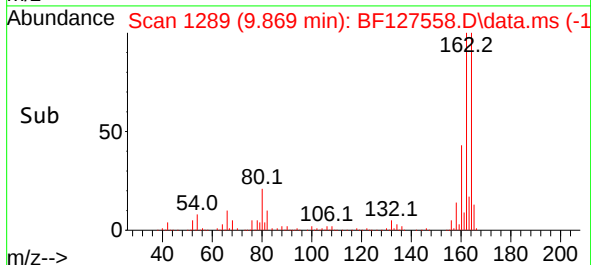
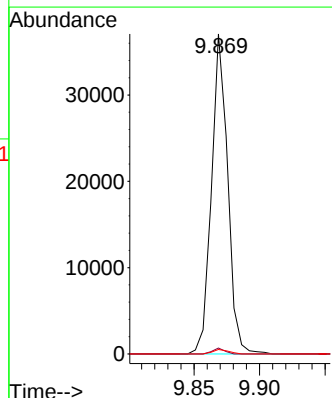
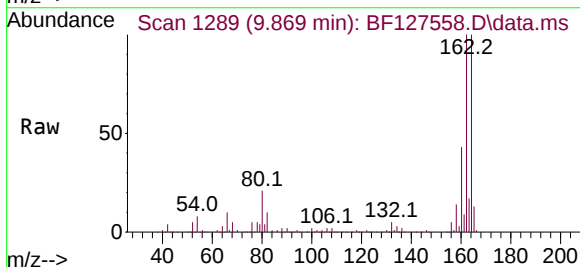
Instrument :
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Tgt Ion:172 Resp: 1394350
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.880 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion:165 Resp: 31833
Ion Ratio Lower Upper
165 100
63 1.8 58.3 87.5#
89 1.4 51.5 77.3#

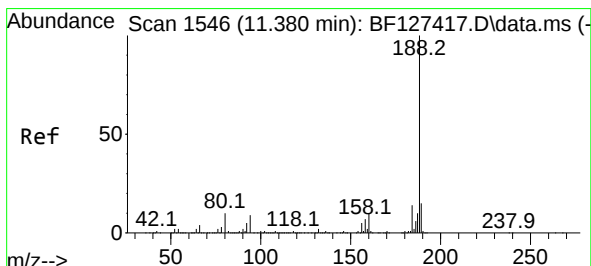
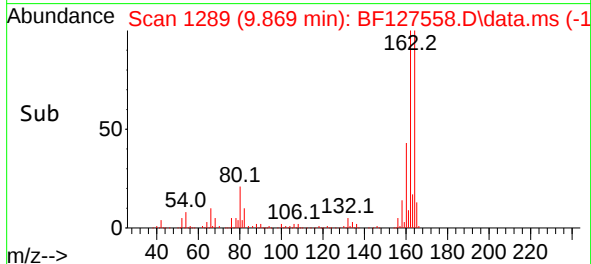
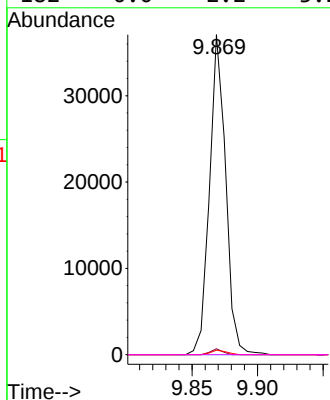
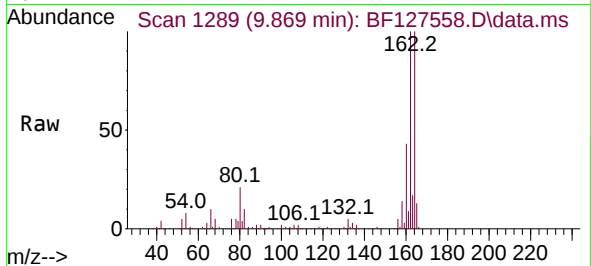




#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

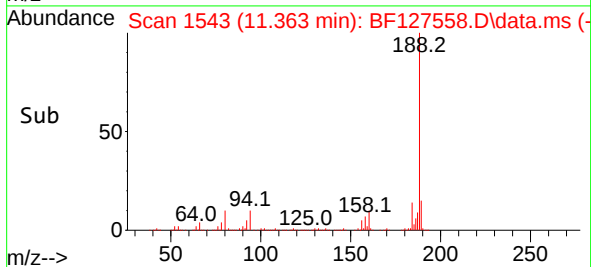
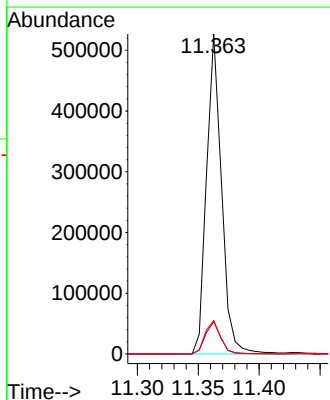
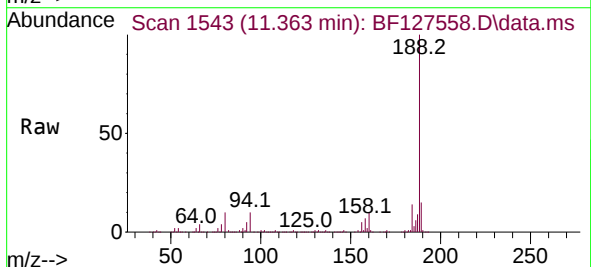
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BNA_F
ClientSampleId :
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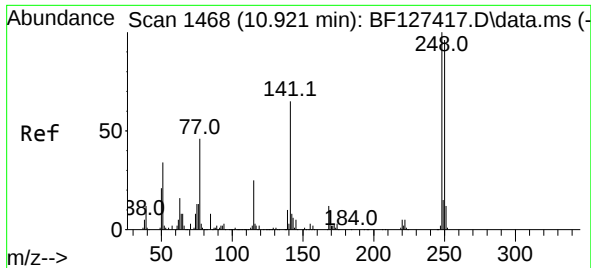
Tgt Ion:165 Resp: 31833
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion:188 Resp: 450660
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.4 8.0 12.0

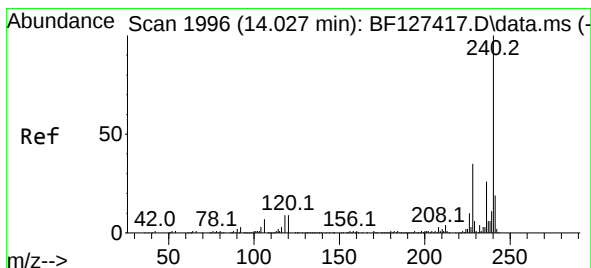
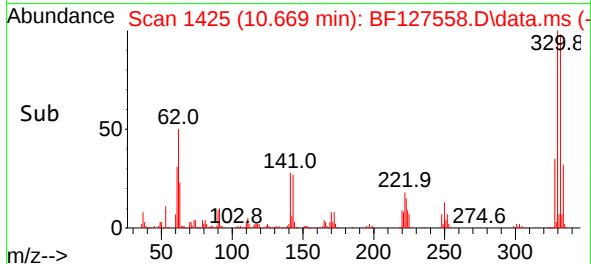
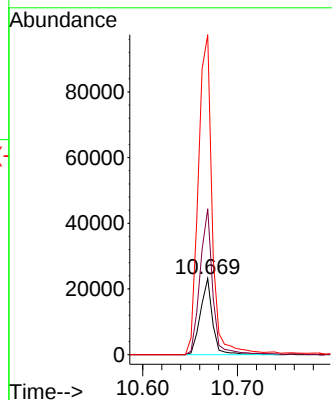
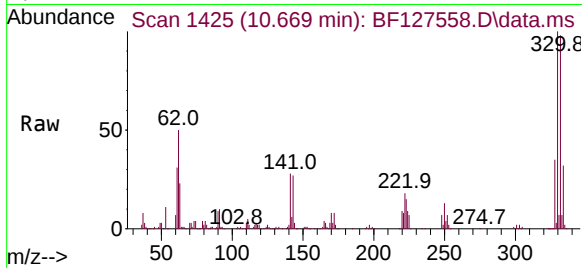




#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

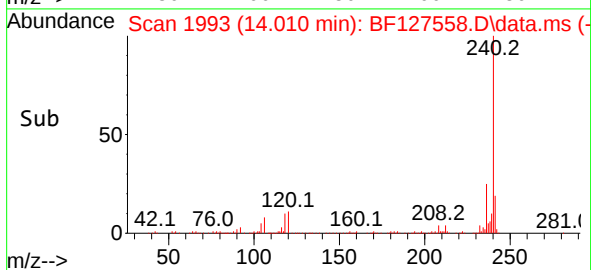
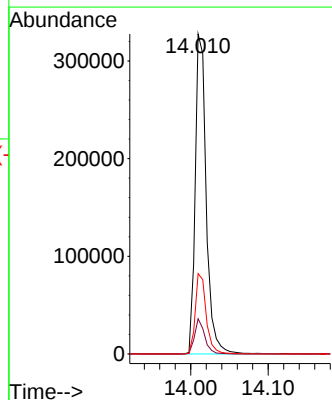
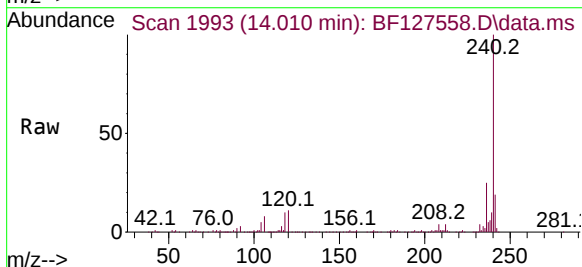
Instrument :
BNA_F
ClientSampleId :
PB143673BL

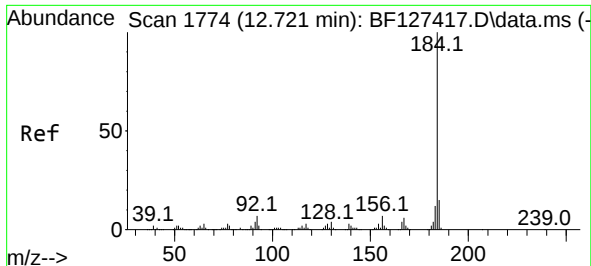
Tgt Ion:248 Resp: 20812
Ion Ratio Lower Upper
248 100
250 191.8 76.6 115.0#
141 420.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

Tgt Ion:240 Resp: 323719
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 25.1 20.7 31.1

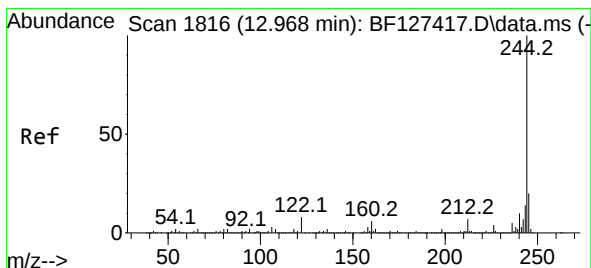
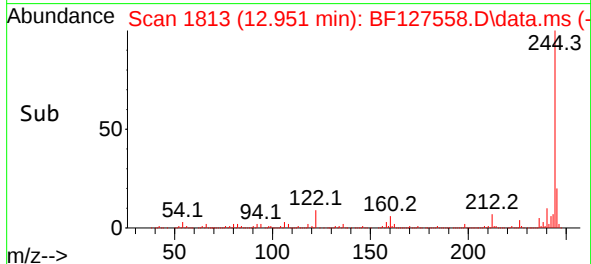
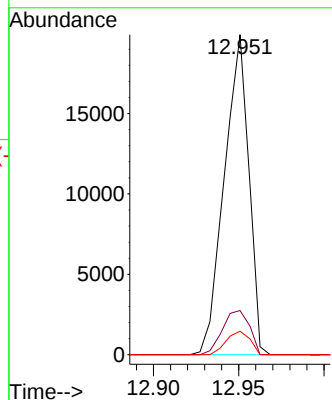
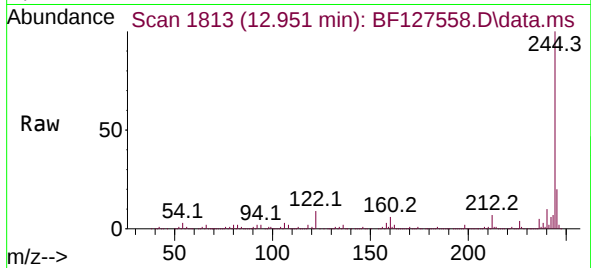




#77
Benzidine
Concen: 2.575 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

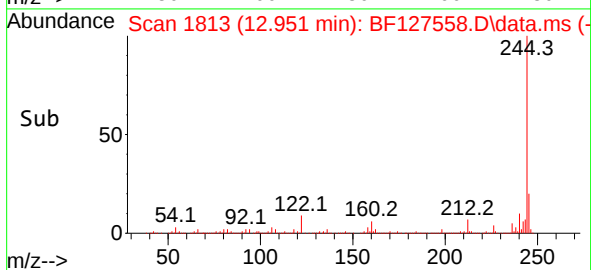
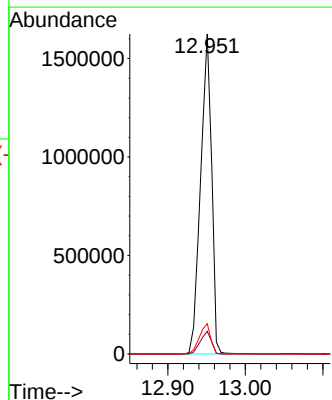
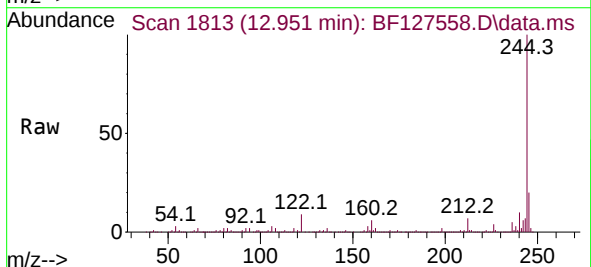
Instrument :
BNA_F
ClientSampleId :
PB143673BL

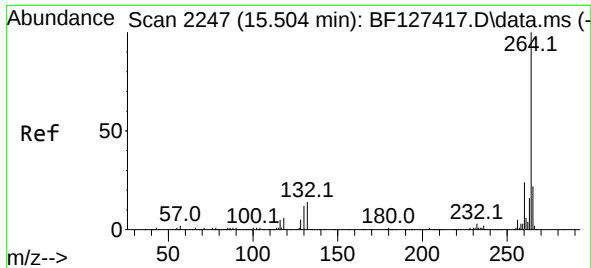
Tgt Ion:184 Resp: 19872
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 81.002 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127558.D
Acq: 29 Mar 2022 11:37

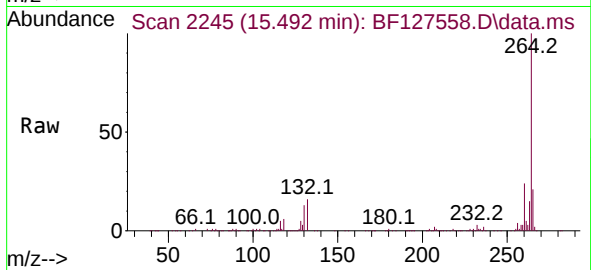
Tgt Ion:244 Resp: 1601808
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.4 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127558.D
 Acq: 29 Mar 2022 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB143673BL



Tgt Ion:264 Resp: 232933
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.2 17.4 26.2

