

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127651.D
 Acq On : 06 Apr 2022 16:39
 Operator : CG\JU
 Sample : PB143833BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143833BL

Quant Time: Apr 07 02:38:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

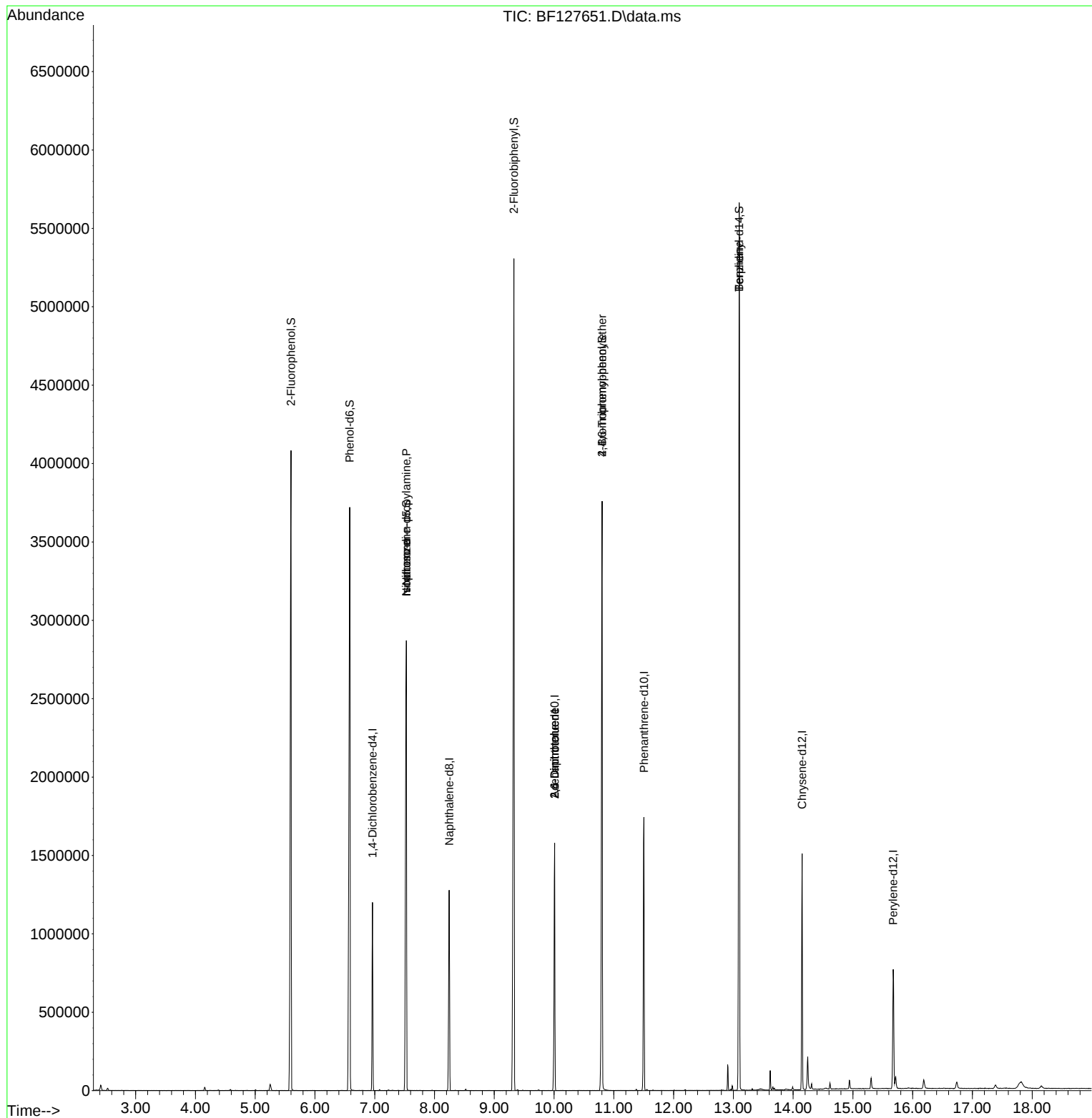
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	159467	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	595851	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	350525	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	649756	20.000	ng	0.00
76) Chrysene-d12	14.151	240	505911	20.000	ng	0.00
86) Perylene-d12	15.674	264	371381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1198588	122.131	ng	0.02
7) Phenol-d6	6.581	99	1573834	122.585	ng	0.00
23) Nitrobenzene-d5	7.528	82	1147952	85.889	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	480889	128.921	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2005411	80.935	ng	0.00
79) Terphenyl-d14	13.098	244	2353454	76.785	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2879	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	159405	19.197	ng	# 77
25) Isophorone	7.528	82	1147712	49.212	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	43751	9.135	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	43751	7.368	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	32365	4.104	ng	# 1
77) Benizidine	13.098	184	36297	2.749	ng	# 93

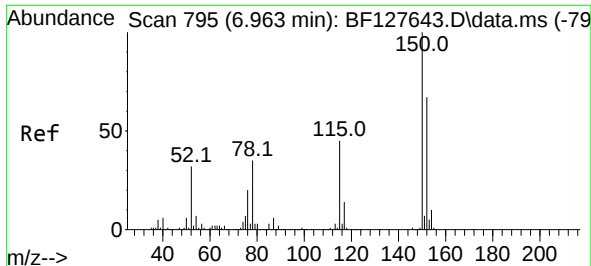
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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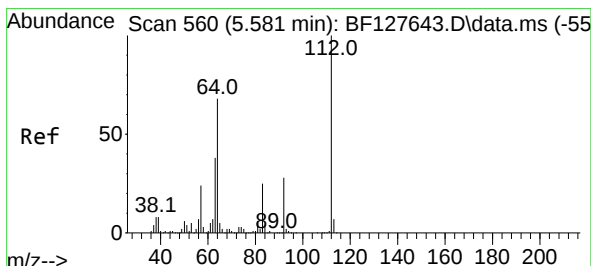
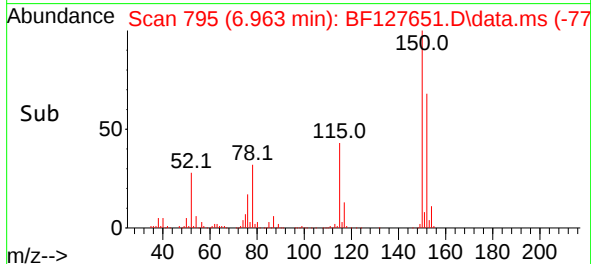
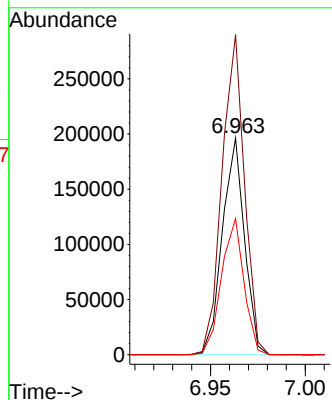
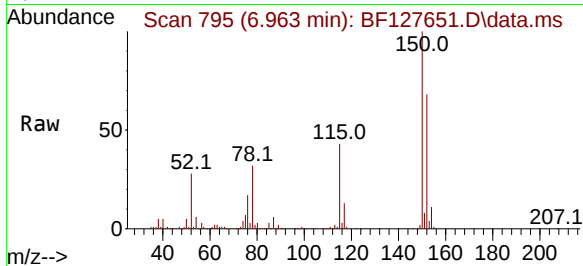




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

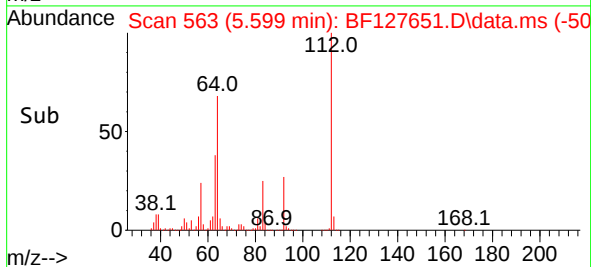
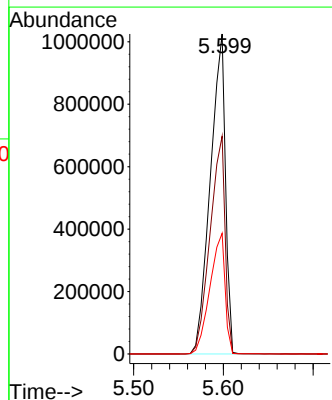
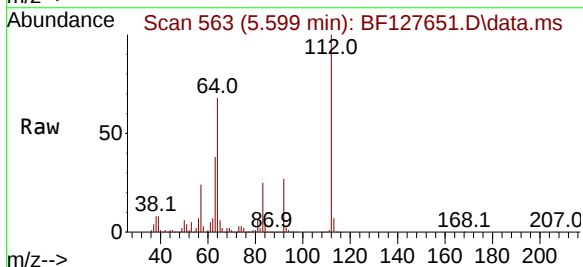
Instrument :
BNA_F
ClientSampleId :
PB143833BL

Tgt Ion:152 Resp: 159467
Ion Ratio Lower Upper
152 100
150 147.7 117.2 175.8
115 62.8 49.8 74.6



#5
2-Fluorophenol
Concen: 122.131 ng
RT: 5.599 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Tgt Ion:112 Resp: 1198588
Ion Ratio Lower Upper
112 100
64 68.1 58.4 87.6
63 37.7 30.1 45.1



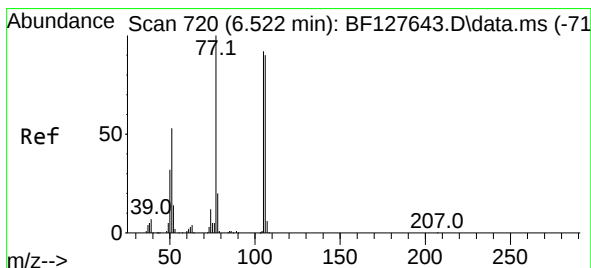
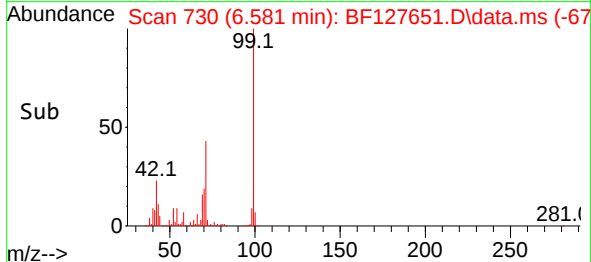
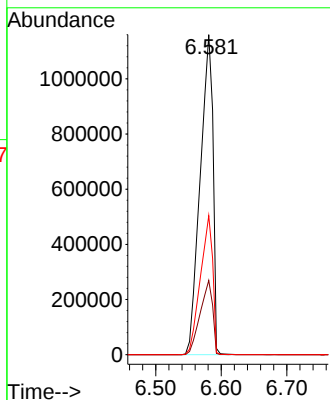
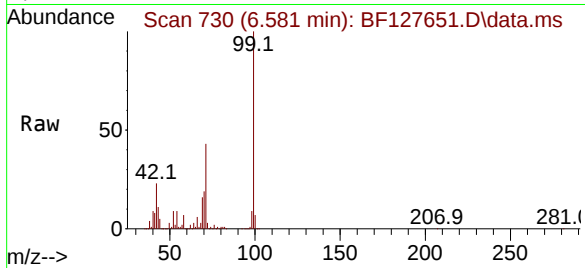


#7
Phenol-d6
Concen: 122.585 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Instrument :
BNA_F
ClientSampleId :
PB143833BL

Tgt Ion: 99 Resp: 1573834

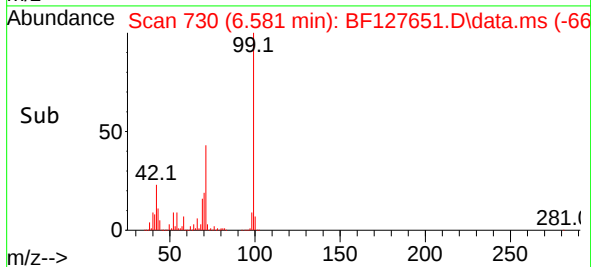
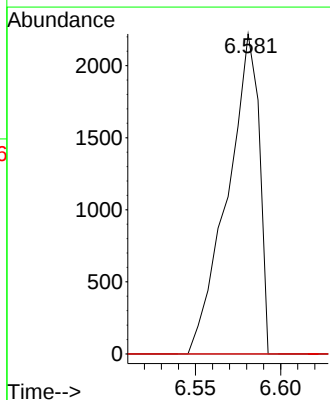
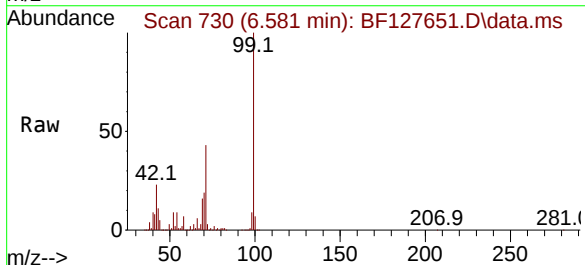
Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.8	26.6
71	43.4	29.6	44.4

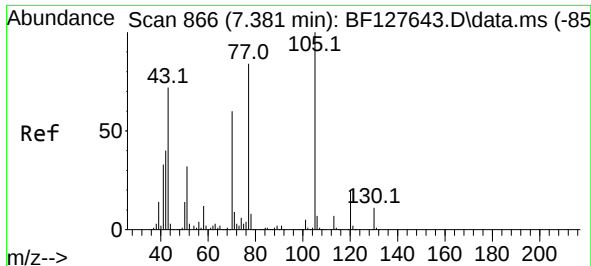


#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Tgt Ion: 77 Resp: 2879

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: 19.197 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127651.D

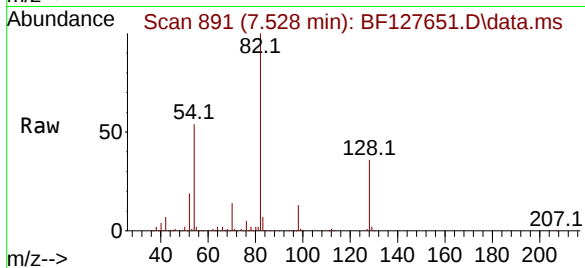
Acq: 06 Apr 2022 16:39

Instrument :

BNA_F

ClientSampleId :

PB143833BL



Tgt Ion: 70 Resp: 159405

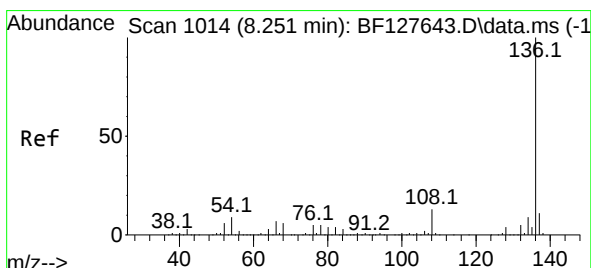
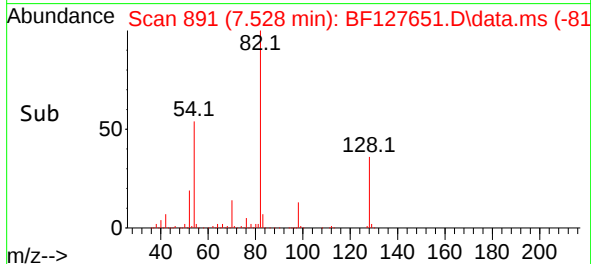
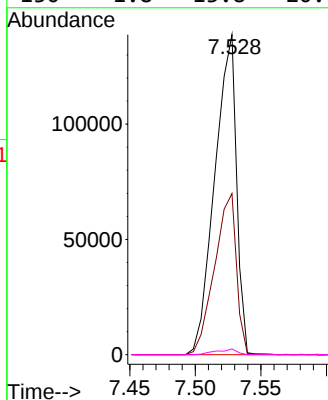
Ion Ratio Lower Upper

70 100

42 50.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127651.D

Acq: 06 Apr 2022 16:39

Tgt Ion: 136 Resp: 595851

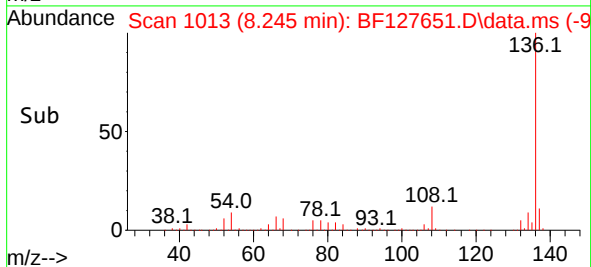
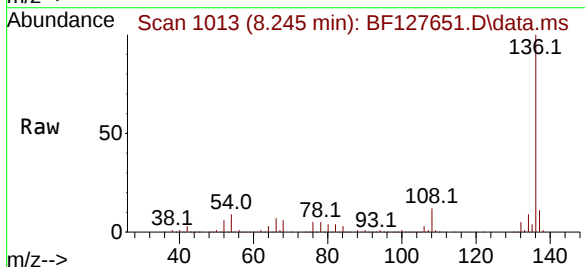
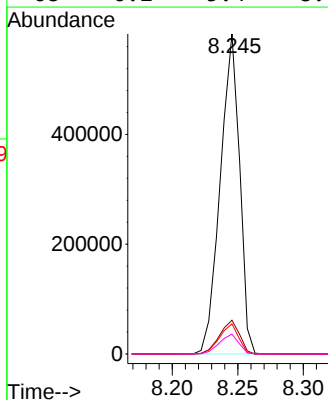
Ion Ratio Lower Upper

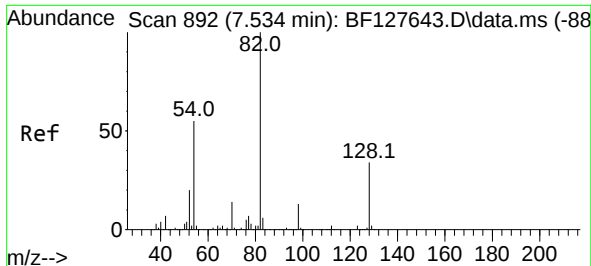
136 100

137 10.6 8.6 13.0

54 9.4 9.2 13.8

68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.889 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127651.D

Acq: 06 Apr 2022 16:39

Instrument :

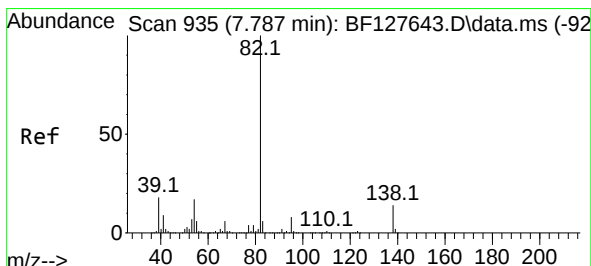
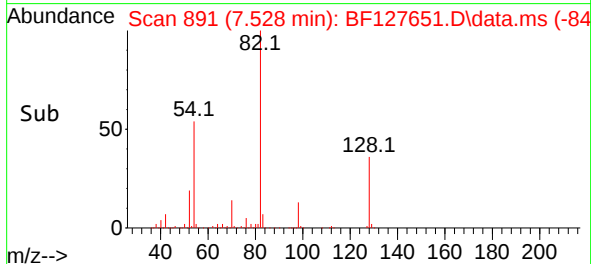
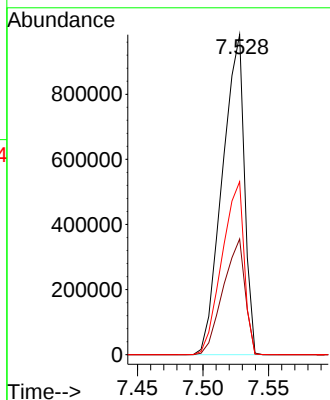
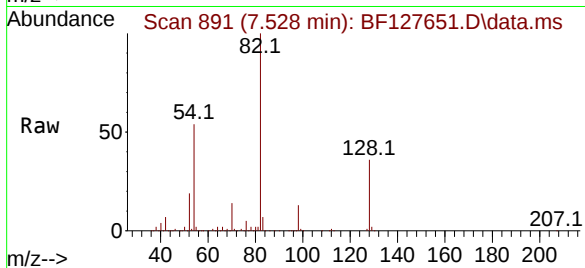
BNA_F

ClientSampleId :

PB143833BL

Tgt Ion: 82 Resp: 1147952

Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.6	45.8
54	54.0	48.2	72.2



#25

Isophorone

Concen: 49.212 ng

RT: 7.528 min Scan# 891

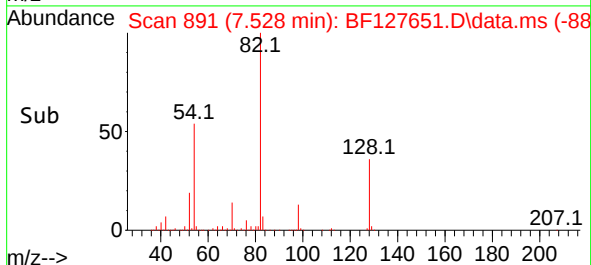
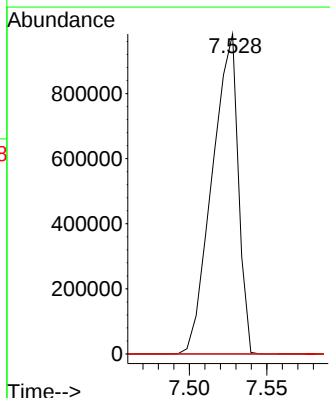
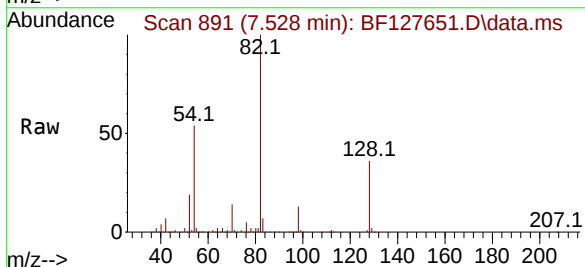
Delta R.T. -0.259 min

Lab File: BF127651.D

Acq: 06 Apr 2022 16:39

Tgt Ion: 82 Resp: 1147712

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

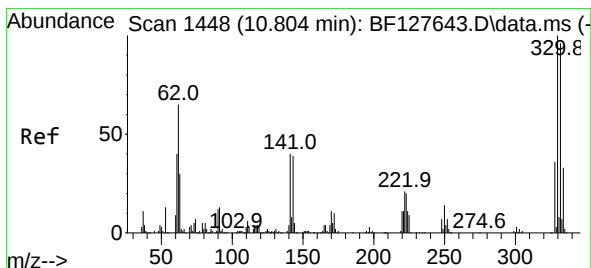
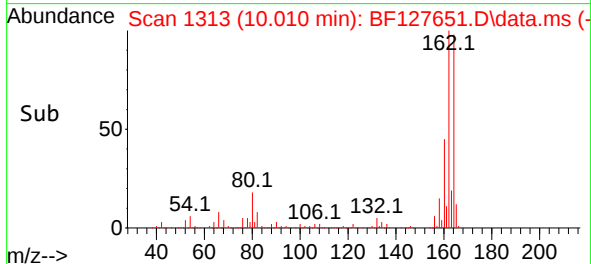
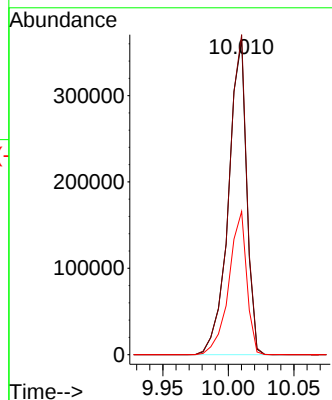
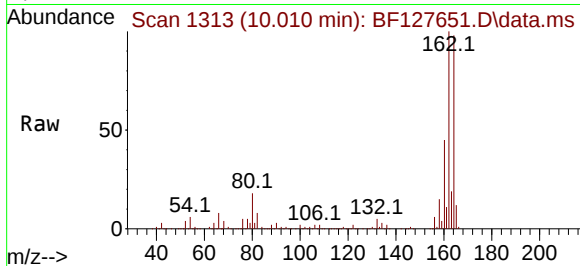




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127651.D
 Acq: 06 Apr 2022 16:39

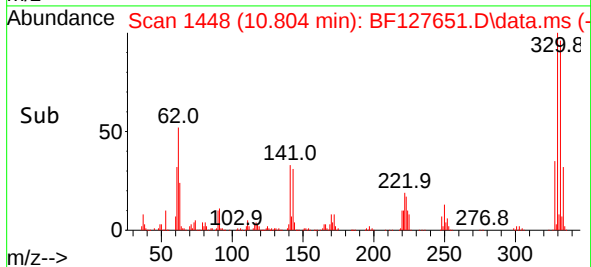
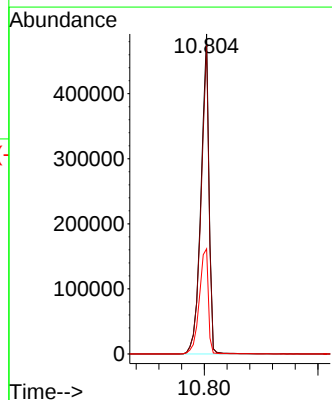
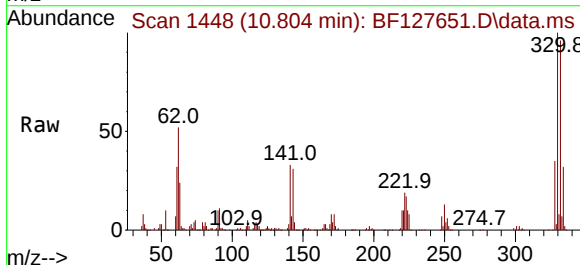
Instrument :
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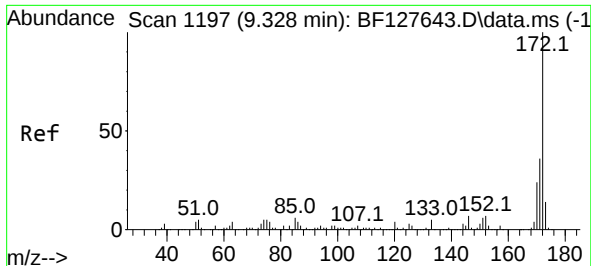
Tgt Ion:164 Resp: 350525
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.2 121.8
 160 45.5 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 128.921 ng
 RT: 10.804 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: BF127651.D
 Acq: 06 Apr 2022 16:39

Tgt Ion:330 Resp: 480889
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.1 118.7
 141 37.1 26.2 39.4

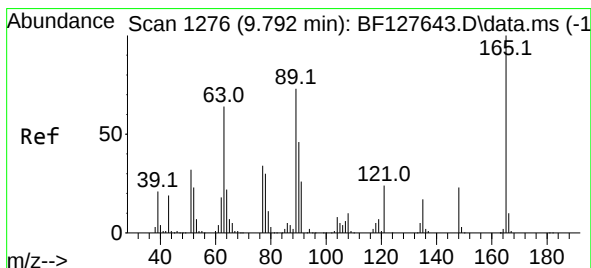
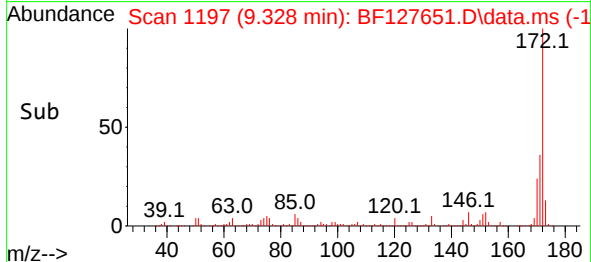
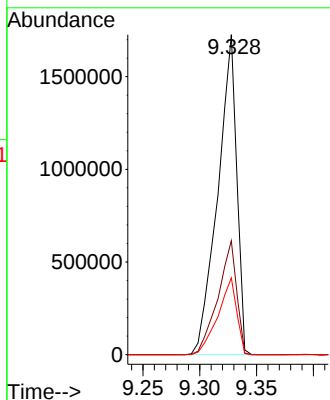
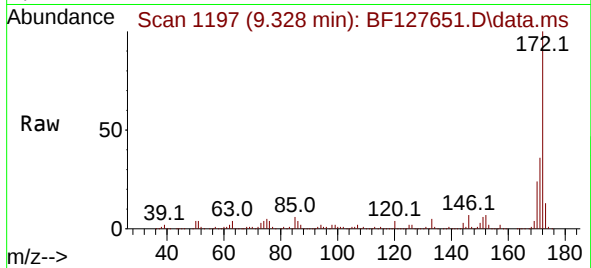




#45
2-Fluorobiphenyl
Concen: 80.935 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

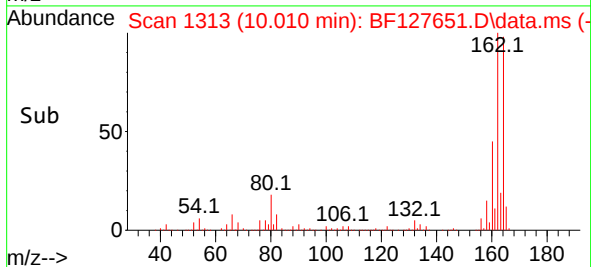
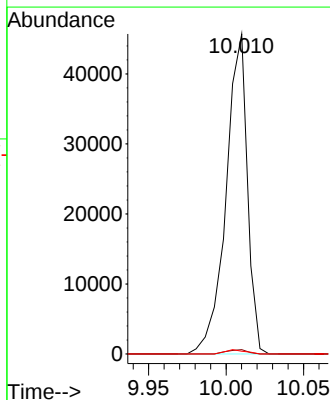
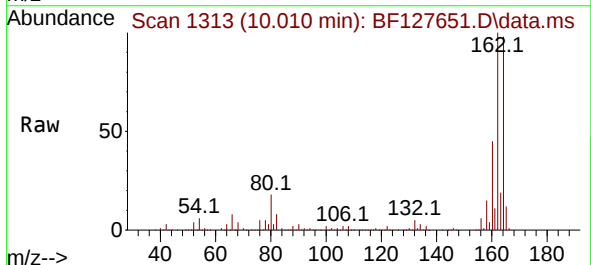
Instrument :
BNA_F
ClientSampleId :
PB143833BL

Tgt Ion:172 Resp: 2005411
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.135 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Tgt Ion:165 Resp: 43751
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 0.9 51.5 77.3#

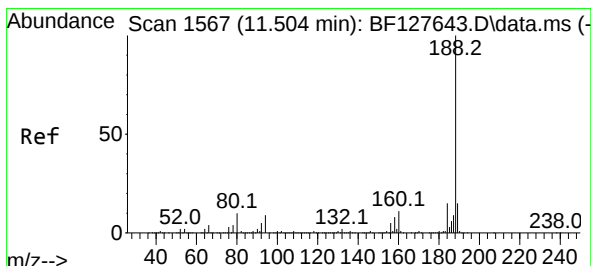
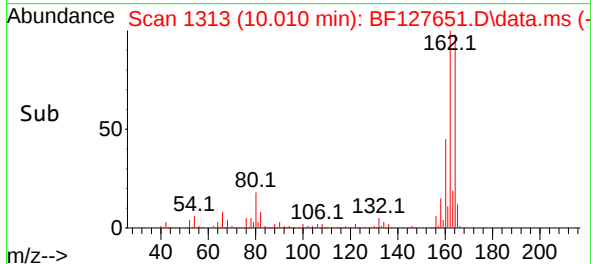
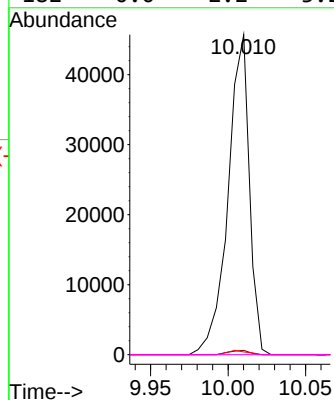
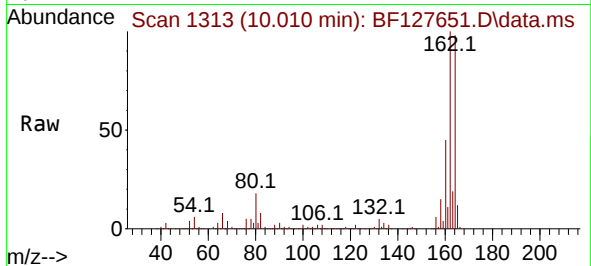




#57
2,4-Dinitrotoluene
Concen: 7.368 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

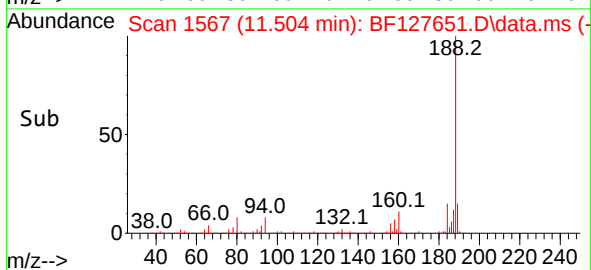
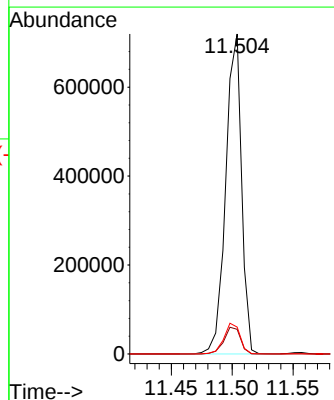
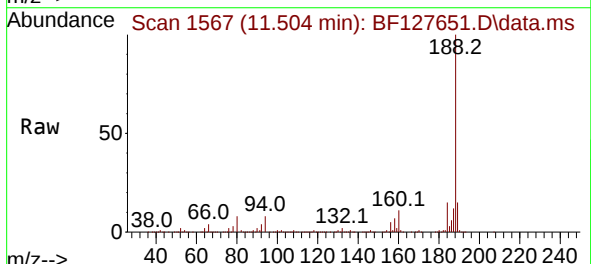
Instrument :
BNA_F
ClientSampleId :
PB143833BL

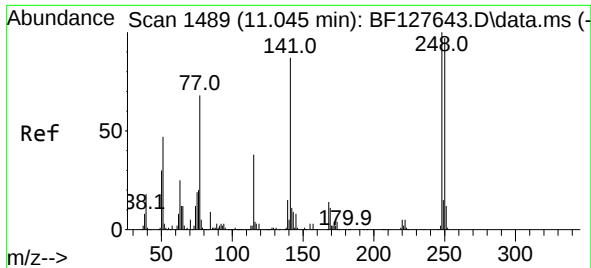
Tgt Ion:165 Resp: 43751
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Tgt Ion:188 Resp: 649756
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.4 8.0 12.0

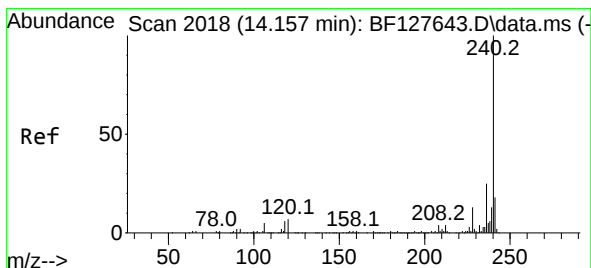
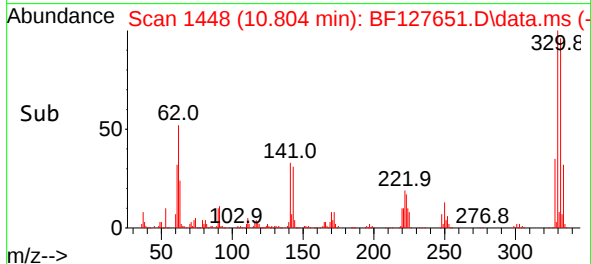
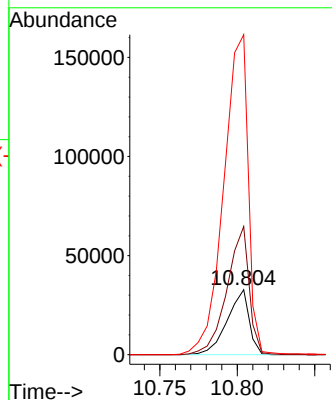
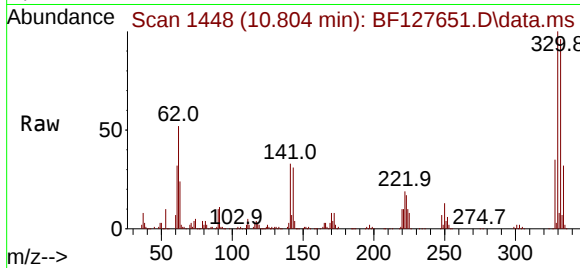




#67
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

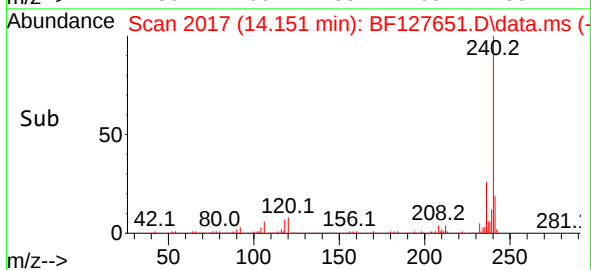
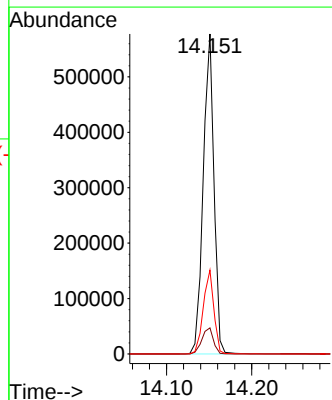
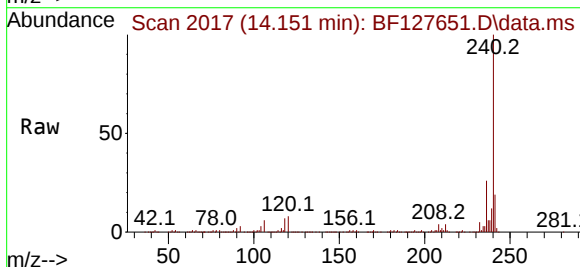
Instrument :
BNA_F
ClientSampleId :
PB143833BL

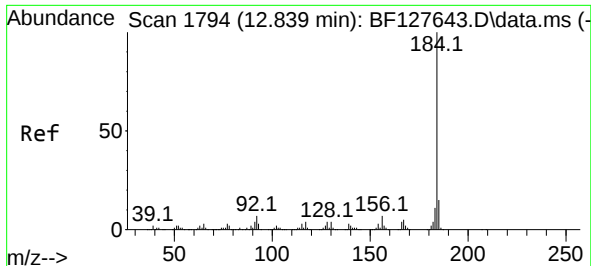
Tgt Ion:248 Resp: 32365
Ion Ratio Lower Upper
248 100
250 197.1 76.6 115.0#
141 492.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

Tgt Ion:240 Resp: 505911
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.2 20.7 31.1

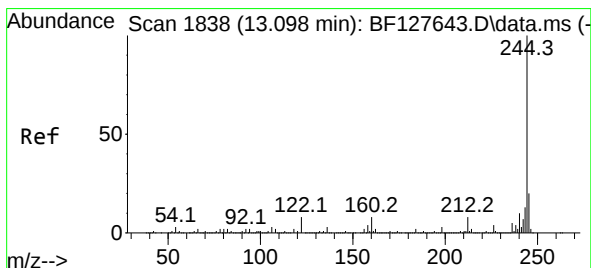
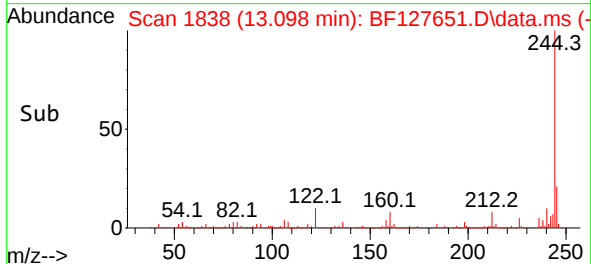
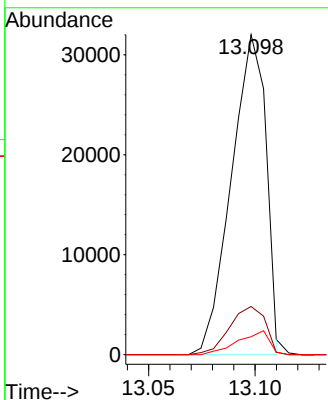
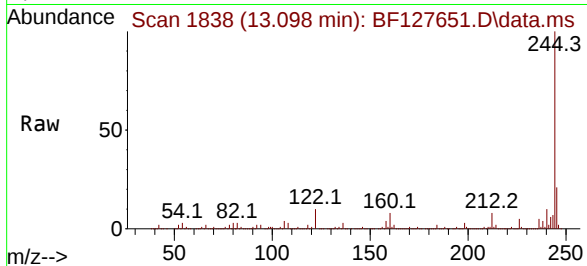




#77
Benzidine
Concen: 2.749 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

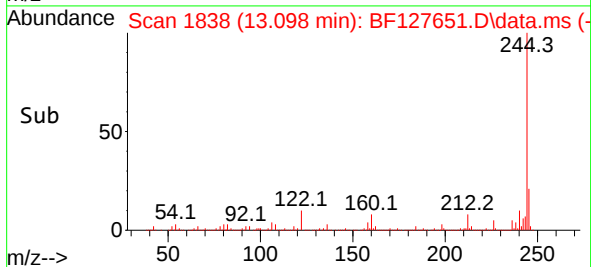
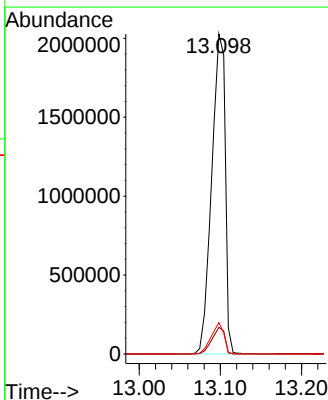
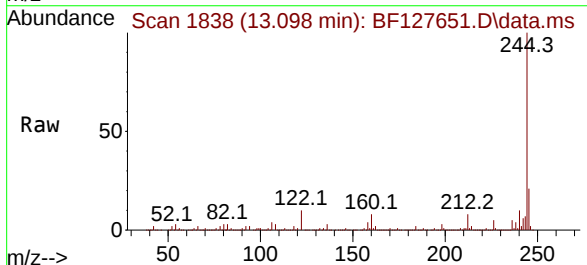
Instrument :
BNA_F
ClientSampleId :
PB143833BL

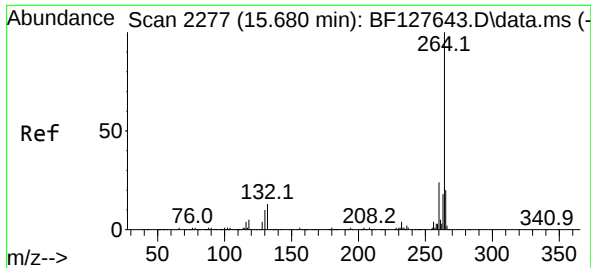
Tgt Ion:184 Resp: 36297
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 5.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 76.785 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127651.D
Acq: 06 Apr 2022 16:39

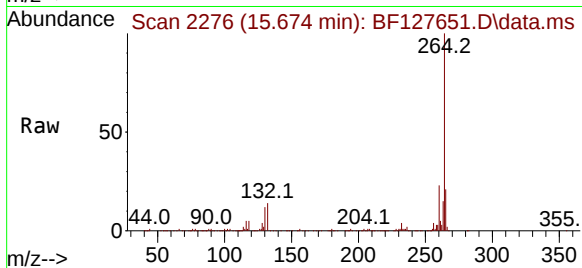
Tgt Ion:244 Resp: 2353454
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 9.8 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127651.D
 Acq: 06 Apr 2022 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB143833BL



Tgt Ion:264 Resp: 371381
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 20.6 17.4 26.2

