

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127683.D
 Acq On : 07 Apr 2022 14:47
 Operator : CG\JU
 Sample : PB143804BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143804BL

Quant Time: Apr 07 16:54:50 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)

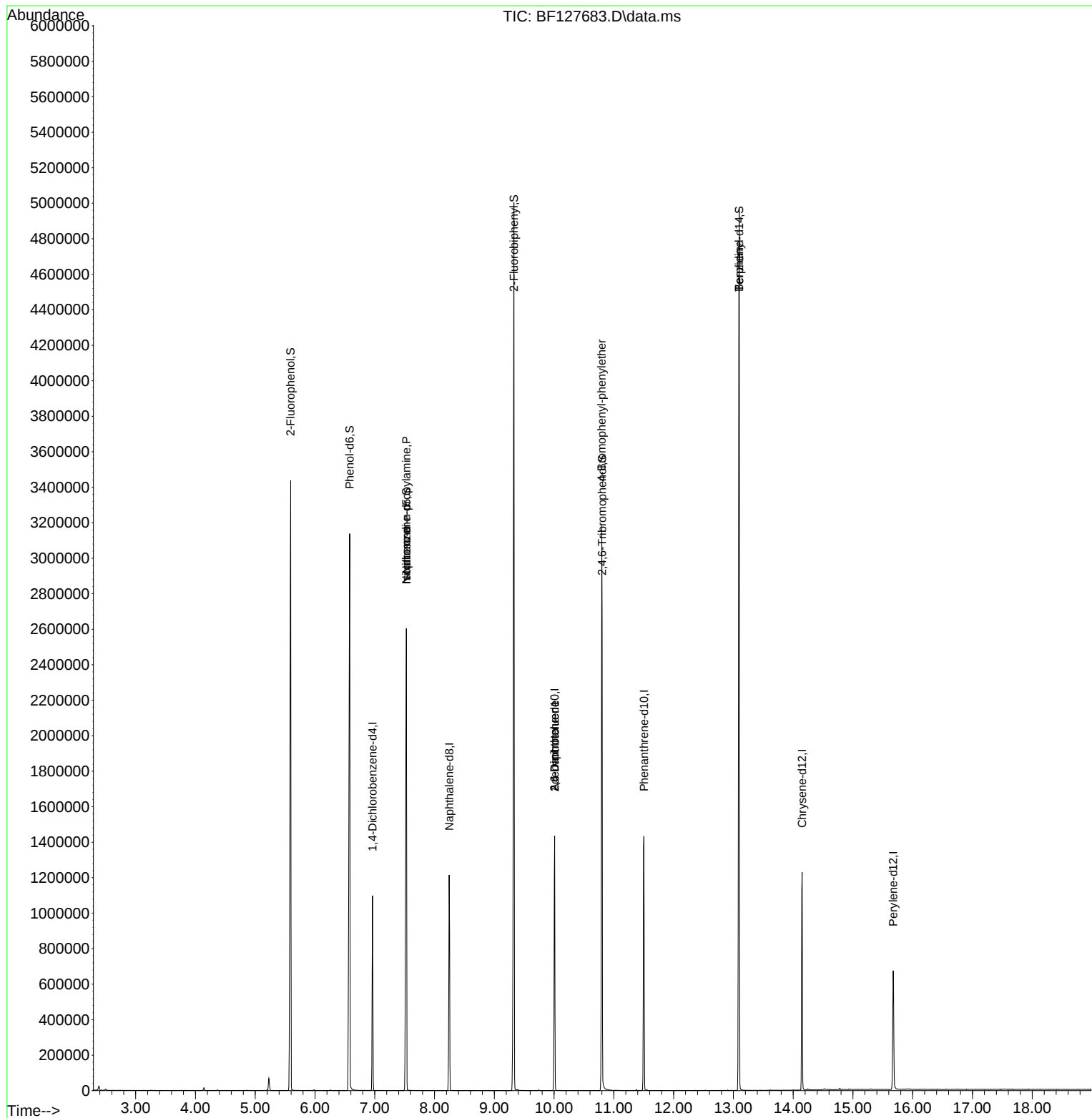
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	145251	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	520948	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	294542	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	549203	20.000	ng	0.00
76) Chrysene-d12	14.151	240	445498	20.000	ng	0.00
86) Perylene-d12	15.674	264	328252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	936084	104.718	ng	0.01
7) Phenol-d6	6.581	99	1207341	103.243	ng	0.00
23) Nitrobenzene-d5	7.528	82	952204	81.487	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	391550	124.922	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1613137	77.478	ng	0.00
79) Terphenyl-d14	13.098	244	1913467	70.895	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	2338	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	129698	17.148	ng	# 77
25) Isophorone	7.528	82	951202	46.650	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	38564	9.583	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	38564	7.729	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	25758	3.864	ng	# 1
77) Benizidine	13.098	184	27864	2.396	ng	# 93

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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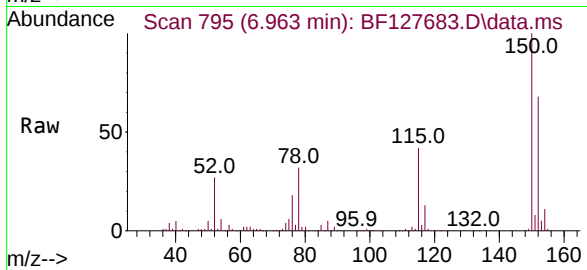
Quant Time: Apr 07 16:54:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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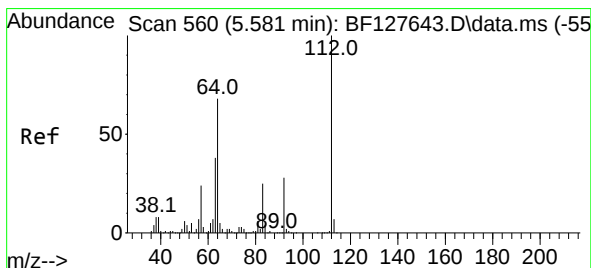
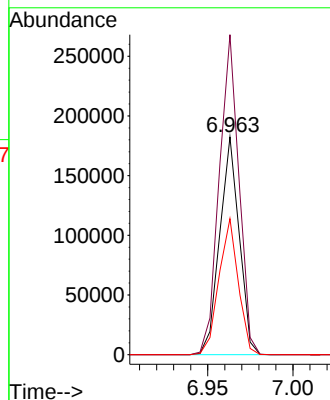
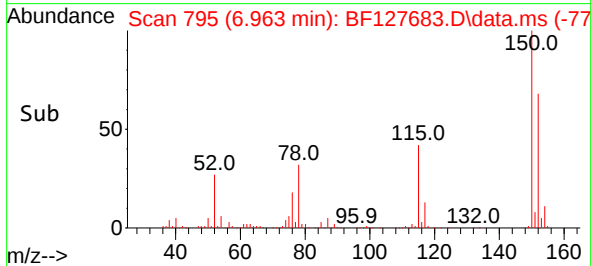


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127683.D
 Acq: 07 Apr 2022 14:47

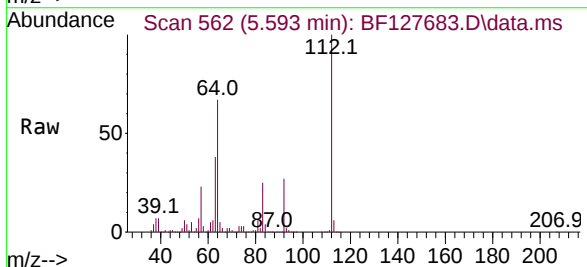
Instrument :
 BNA_F
 ClientSampleId :
 PB143804BL



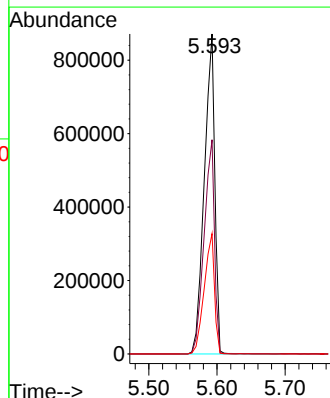
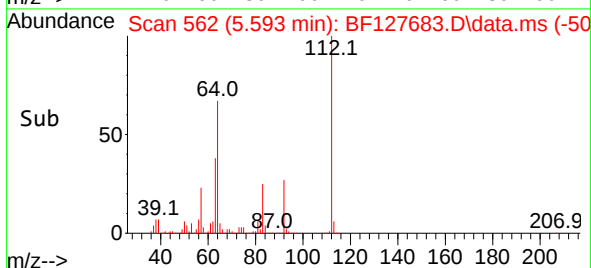
Tgt Ion:152 Resp: 145251
 Ion Ratio Lower Upper
 152 100
 150 147.0 117.2 175.8
 115 62.4 49.8 74.6

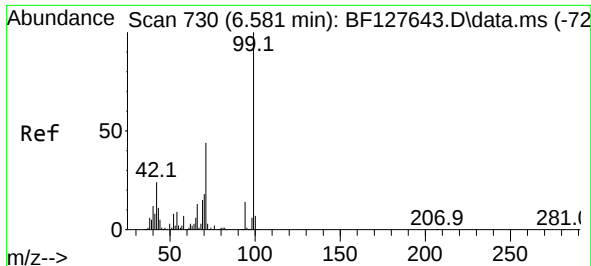


#5
 2-Fluorophenol
 Concen: 104.718 ng
 RT: 5.593 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF127683.D
 Acq: 07 Apr 2022 14:47



Tgt Ion:112 Resp: 936084
 Ion Ratio Lower Upper
 112 100
 64 67.0 58.4 87.6
 63 37.6 30.1 45.1

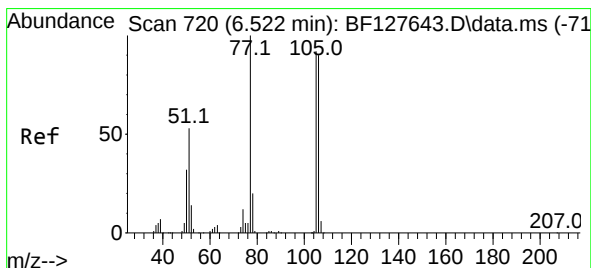
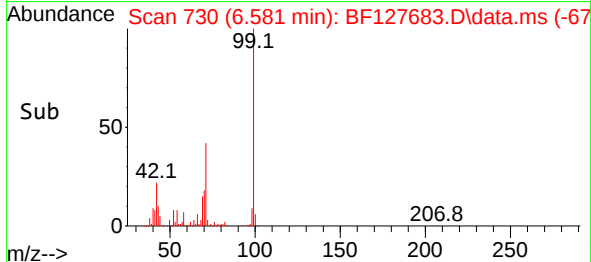
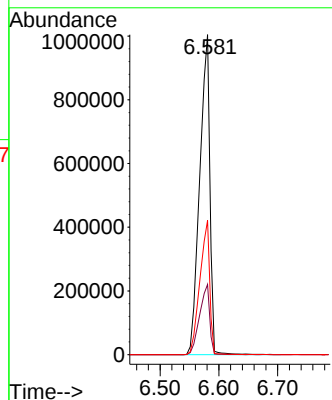
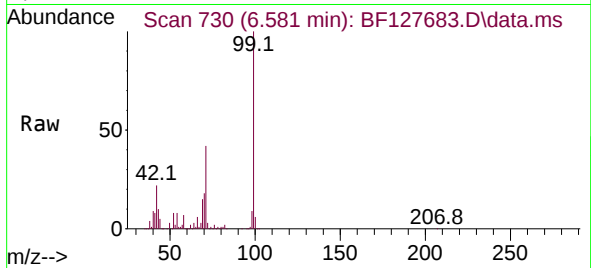




#7
Phenol-d6
Concen: 103.243 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

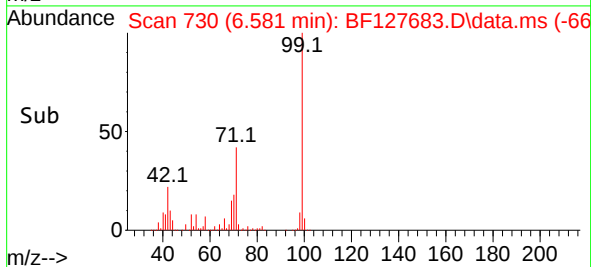
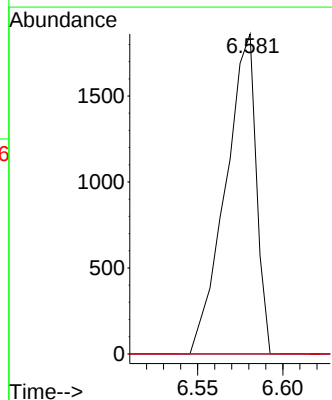
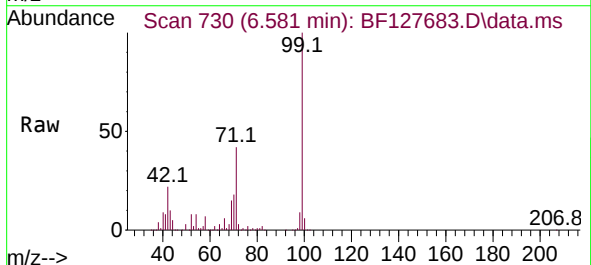
Instrument :
BNA_F
ClientSampleId :
PB143804BL

Tgt Ion: 99 Resp: 1207341
Ion Ratio Lower Upper
99 100
42 21.9 17.8 26.6
71 42.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion: 77 Resp: 2338
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

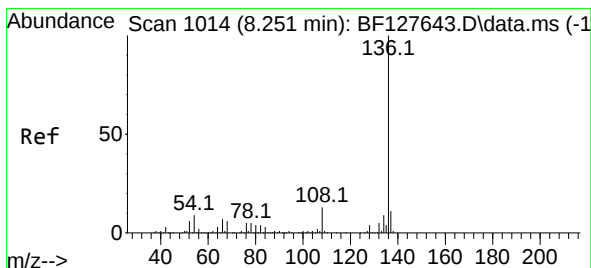
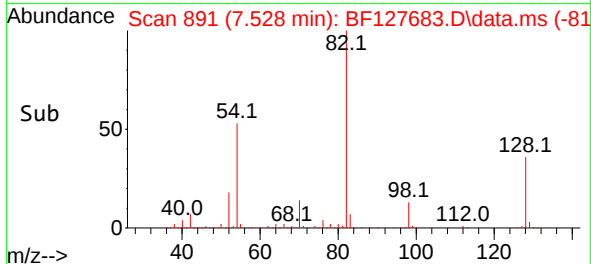
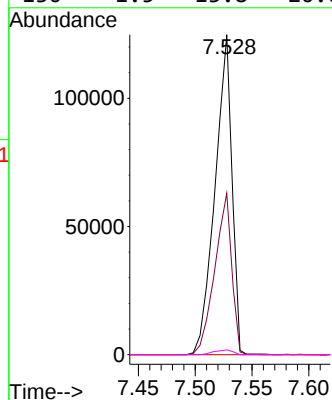
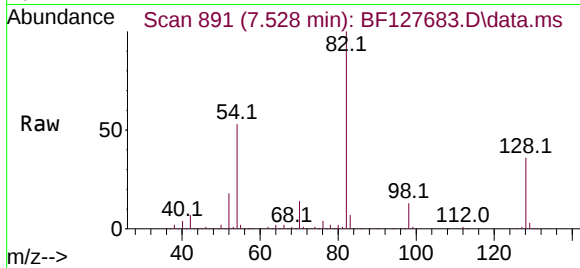




#19
n-Nitroso-di-n-propylamine
Concen: 17.148 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

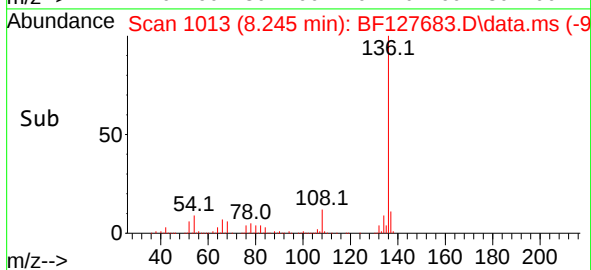
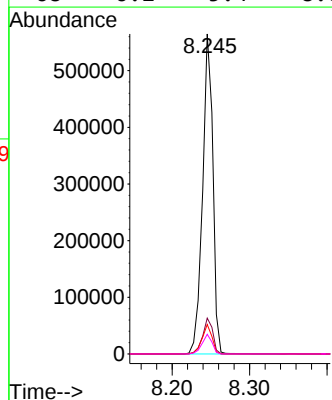
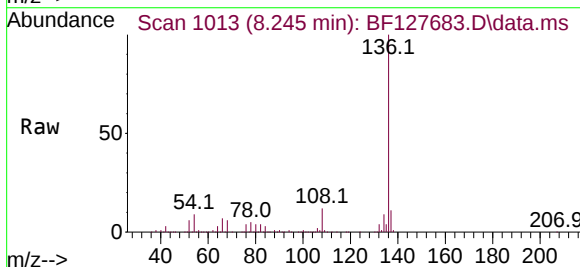
Instrument :
BNA_F
ClientSampleId :
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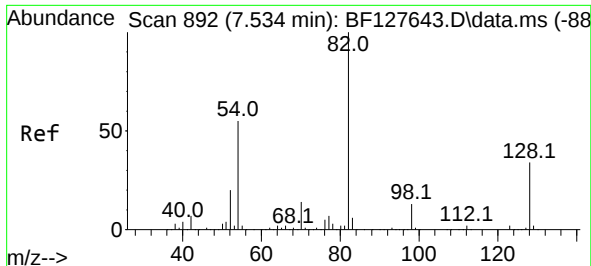
Tgt Ion: 70 Resp: 129698
Ion Ratio Lower Upper
70 100
42 50.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.5 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion: 136 Resp: 520948
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 9.2 13.8
68 6.2 5.4 8.0

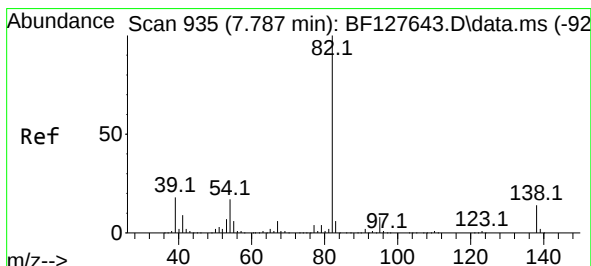
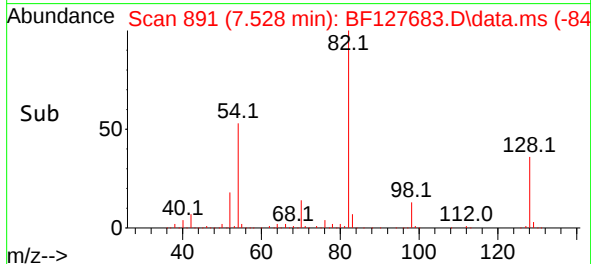
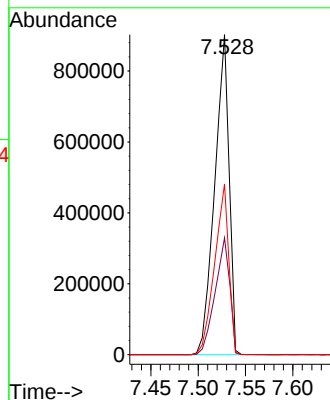
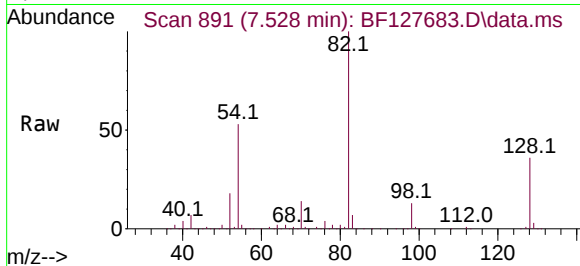




#23
Nitrobenzene-d5
Concen: 81.487 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

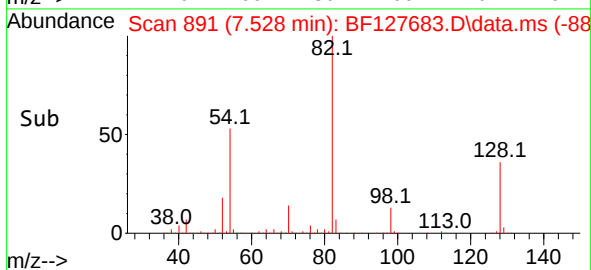
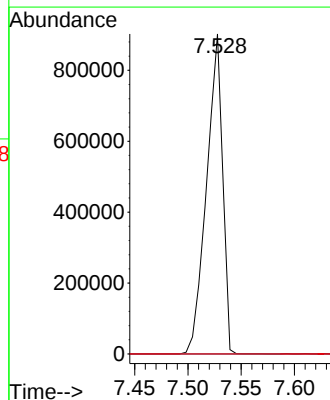
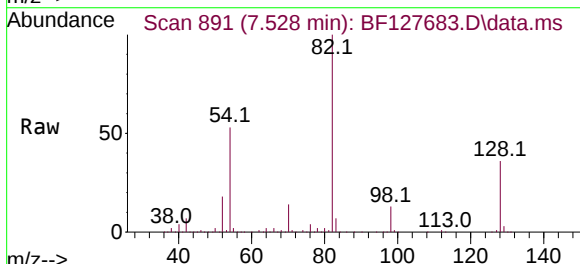
Instrument :
BNA_F
ClientSampleId :
PB143804BL

Tgt Ion: 82 Resp: 952204
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 53.3 48.2 72.2



#25
Isophorone
Concen: 46.650 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion: 82 Resp: 951202
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

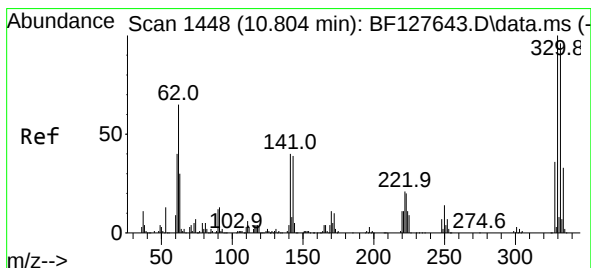
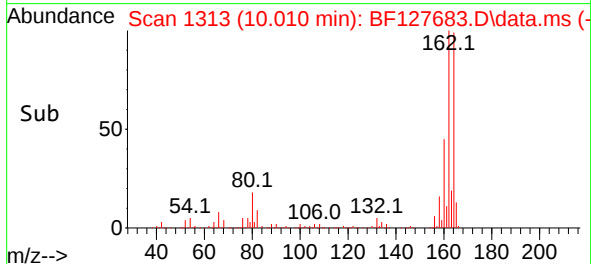
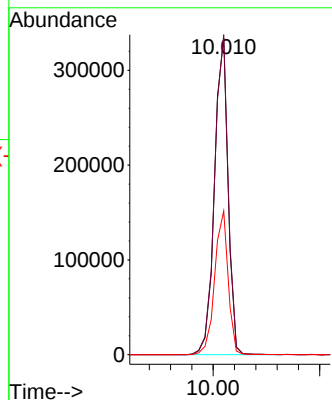
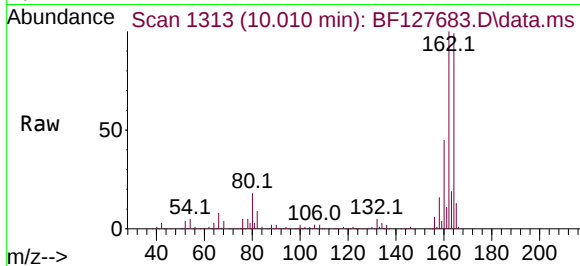




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127683.D
 Acq: 07 Apr 2022 14:47

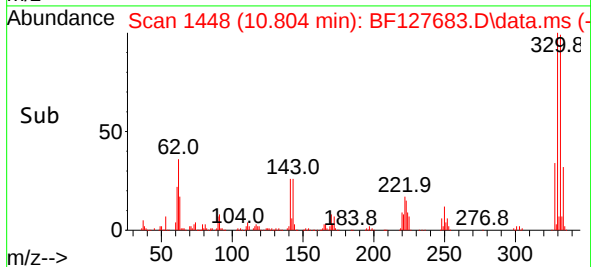
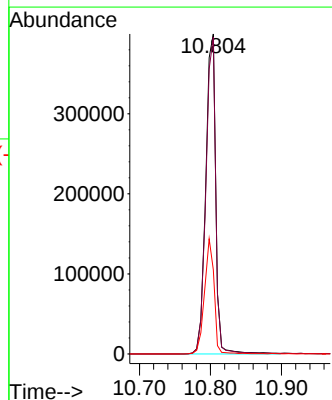
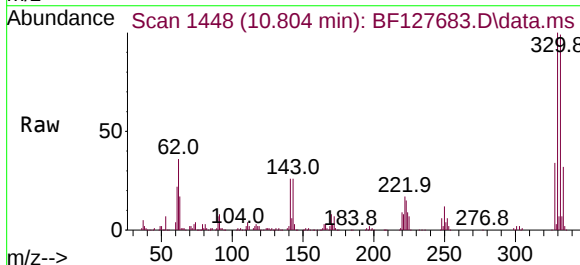
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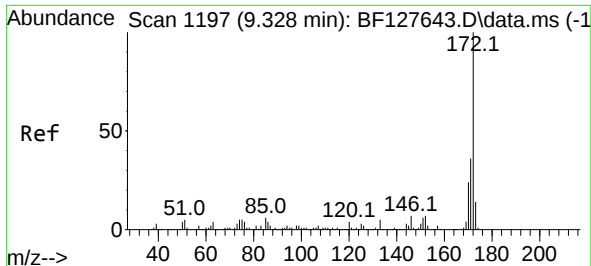
Tgt Ion:164 Resp: 294542
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.2 121.8
 160 45.3 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 124.922 ng
 RT: 10.804 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: BF127683.D
 Acq: 07 Apr 2022 14:47

Tgt Ion:330 Resp: 391550
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.1 118.7
 141 34.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.478 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127683.D

Acq: 07 Apr 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143804BL

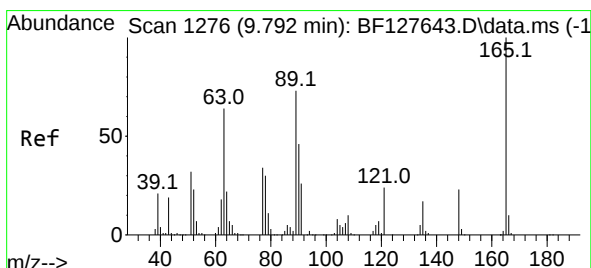
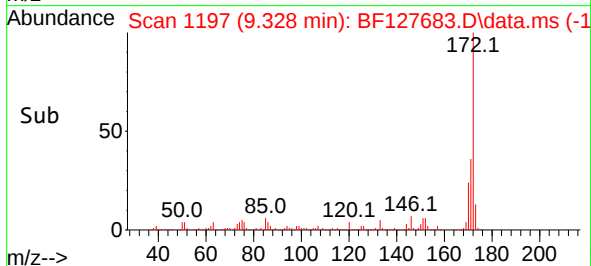
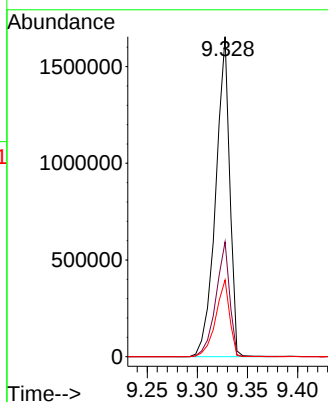
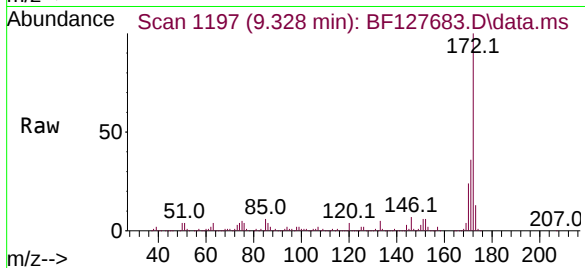
Tgt Ion:172 Resp: 1613137

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.583 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127683.D

Acq: 07 Apr 2022 14:47

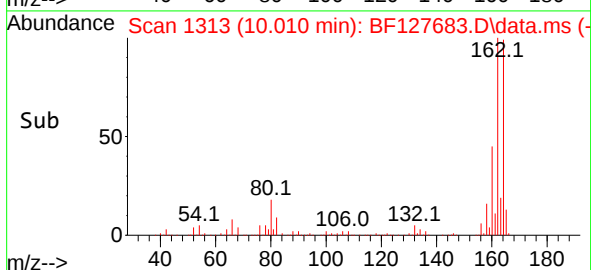
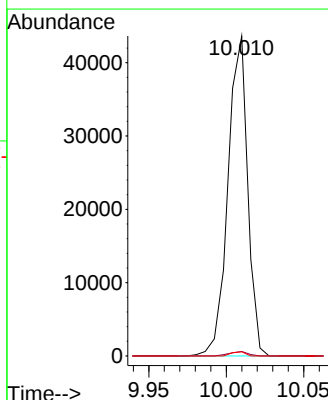
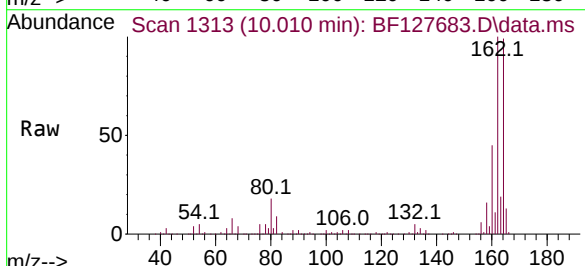
Tgt Ion:165 Resp: 38564

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

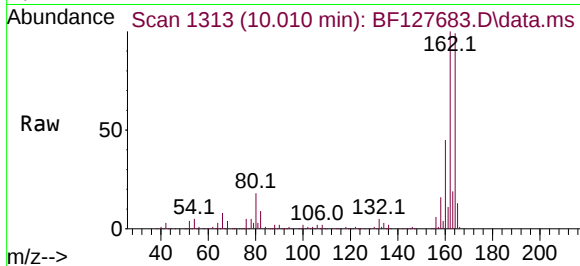
89 1.3 51.5 77.3#



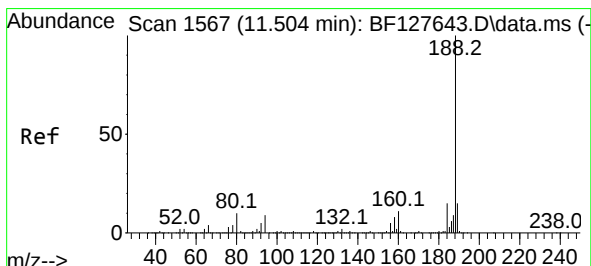
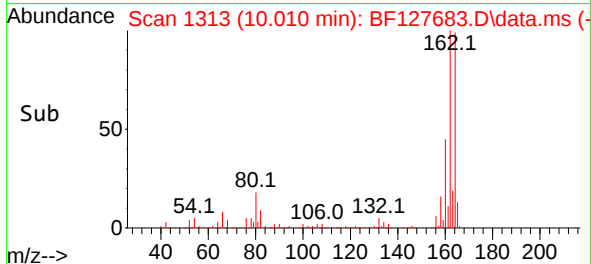
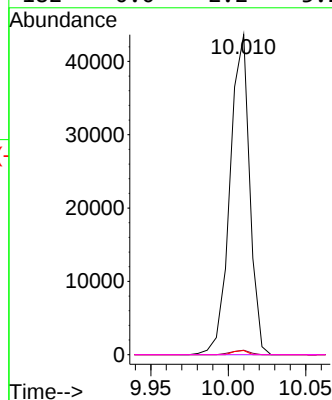


#57
2,4-Dinitrotoluene
Concen: 7.729 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143804BL

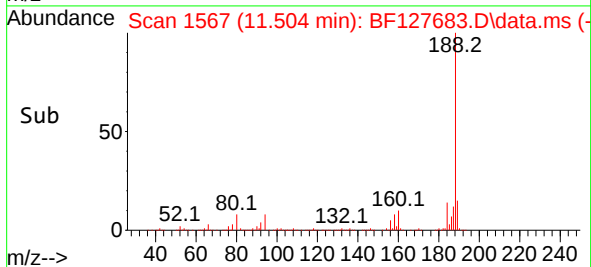
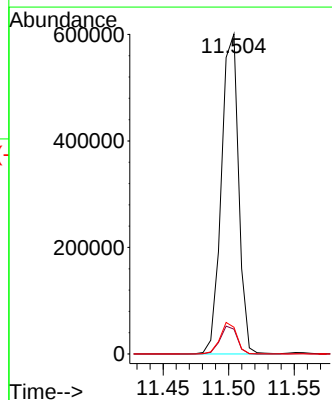
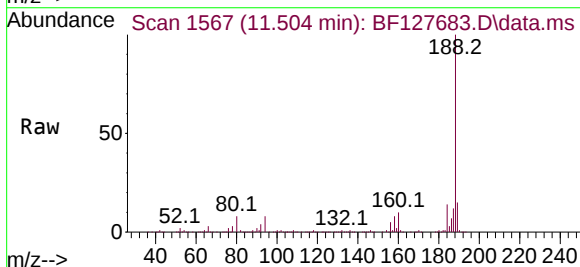


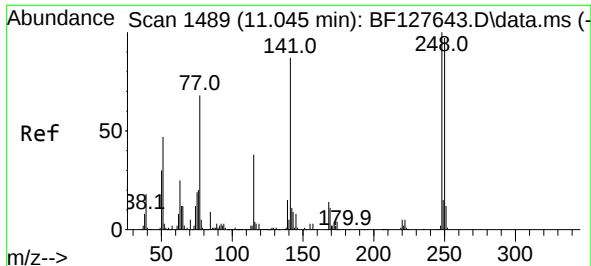
Tgt Ion:165 Resp: 38564
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion:188 Resp: 549203
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.4 8.0 12.0

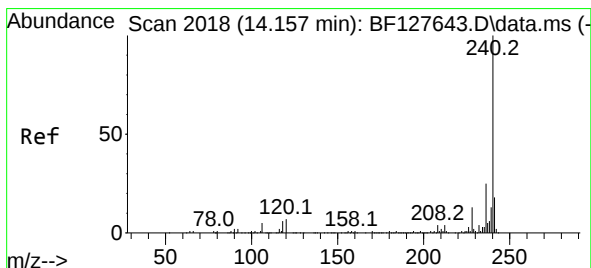
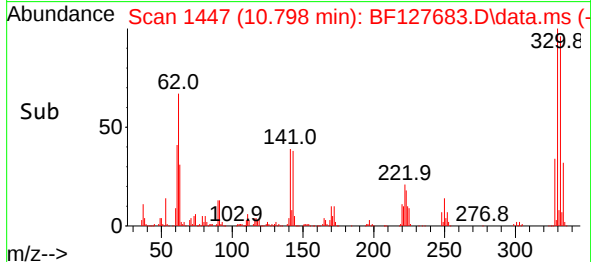
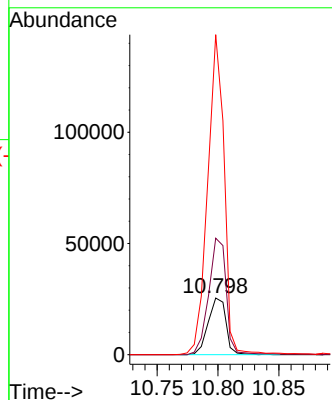
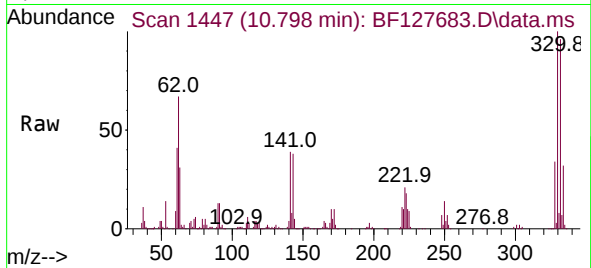




#67
4-Bromophenyl-phenylether
Concen: 3.864 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

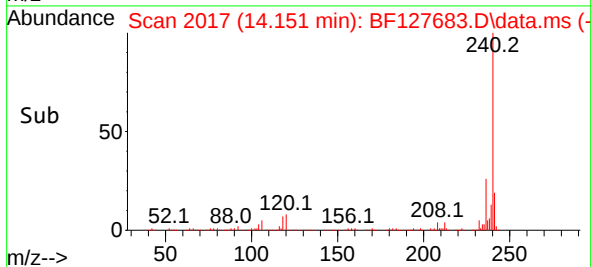
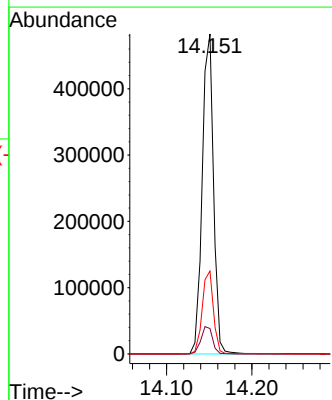
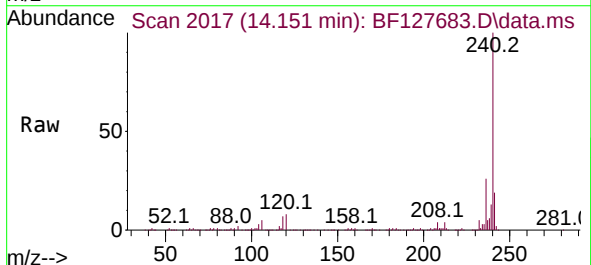
Instrument :
BNA_F
ClientSampleId :
PB143804BL

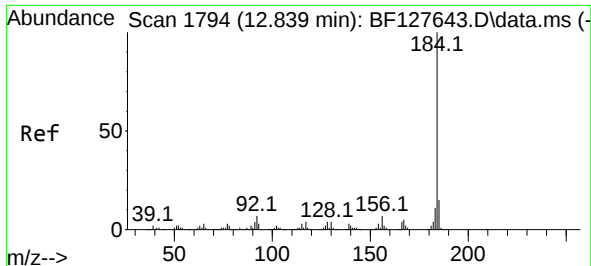
Tgt Ion:248 Resp: 25758
Ion Ratio Lower Upper
248 100
250 205.6 76.6 115.0#
141 564.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion:240 Resp: 445498
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.9 20.7 31.1

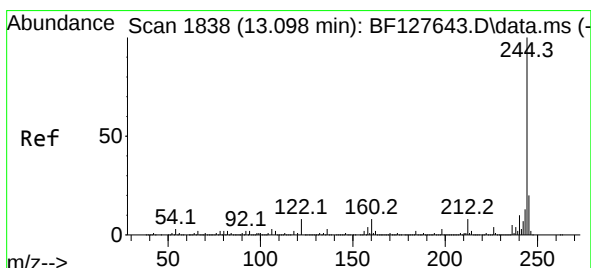
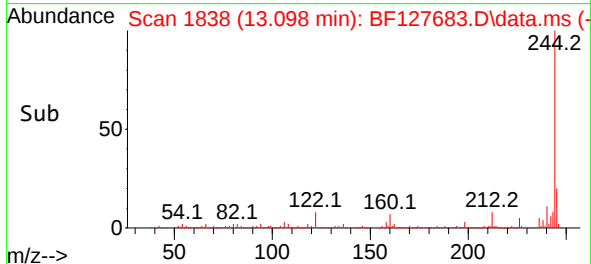
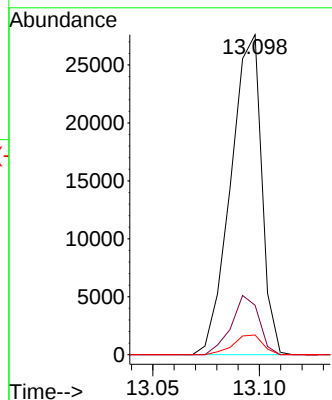
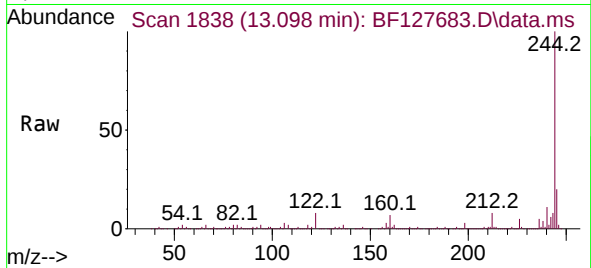




#77
Benzidine
Concen: 2.396 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

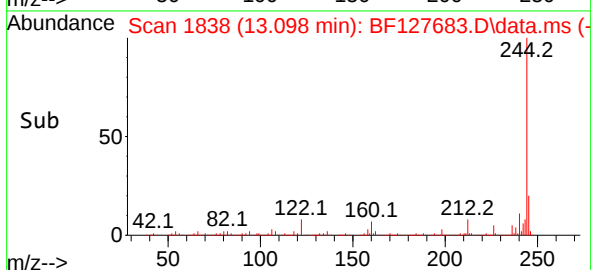
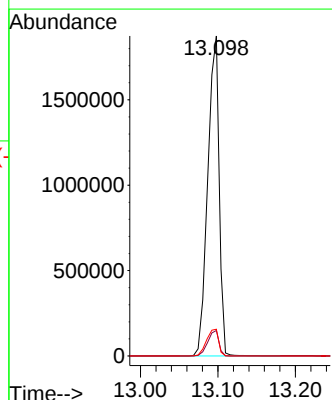
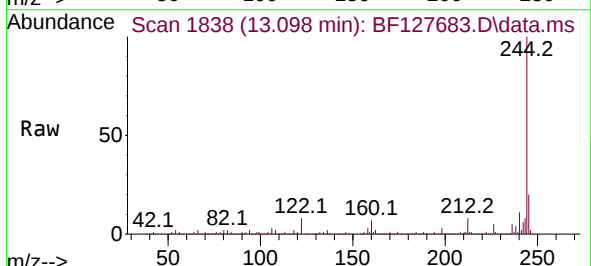
Instrument :
BNA_F
ClientSampleId :
PB143804BL

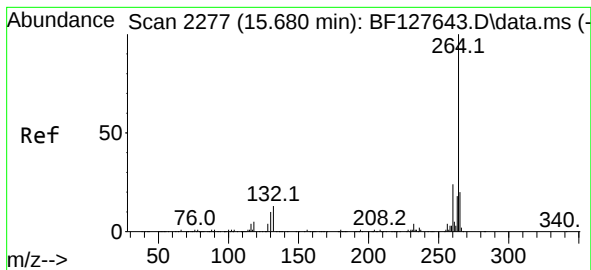
Tgt Ion:184 Resp: 27864
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.895 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127683.D
Acq: 07 Apr 2022 14:47

Tgt Ion:244 Resp: 1913467
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.4 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: BF127683.D

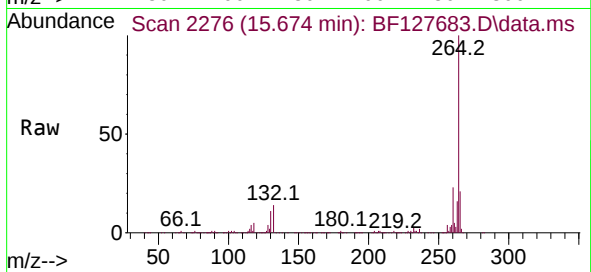
Acq: 07 Apr 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143804BL



Tgt Ion:264 Resp: 328252

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.2 17.4 26.2

