

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127675.D
 Acq On : 07 Apr 2022 10:44
 Operator : CG\JU
 Sample : PB143932BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143932BL

Quant Time: Apr 07 16:50:24 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)

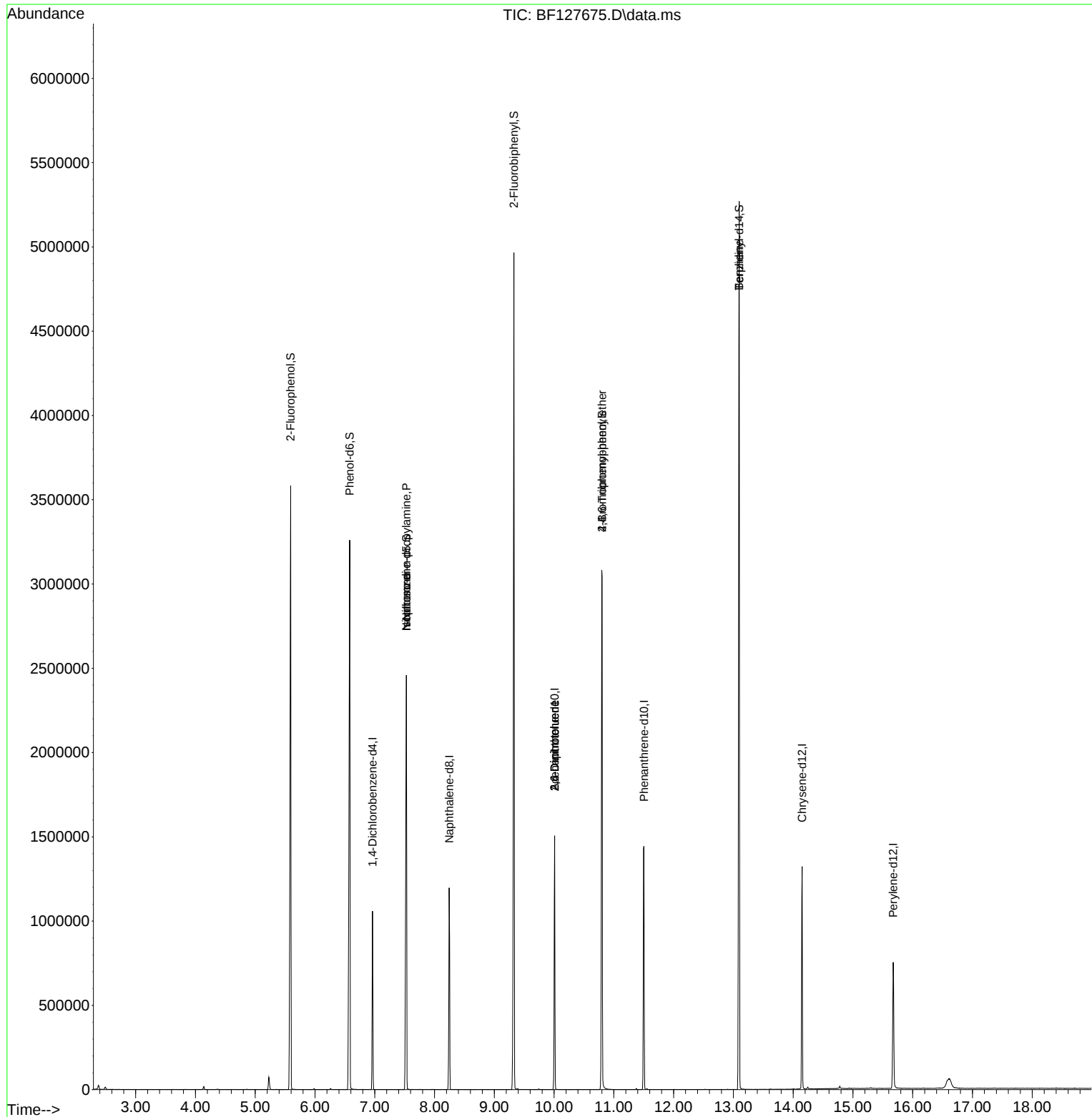
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	134942	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	500544	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	294556	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	551241	20.000	ng	0.00
76) Chrysene-d12	14.151	240	468359	20.000	ng	0.00
86) Perylene-d12	15.674	264	369585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	978642	117.843	ng	0.01
7) Phenol-d6	6.581	99	1266673	116.591	ng	0.00
23) Nitrobenzene-d5	7.528	82	909487	81.004	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	424921	135.562	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1587628	76.249	ng	0.00
79) Terphenyl-d14	13.098	244	2010700	70.862	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2350	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	124488	17.716	ng	# 76
25) Isophorone	7.528	82	909473	46.422	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	38087	9.464	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	38087	7.633	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	27174	4.062	ng	# 1
77) Benizidine	13.098	184	29430	2.407	ng	# 91

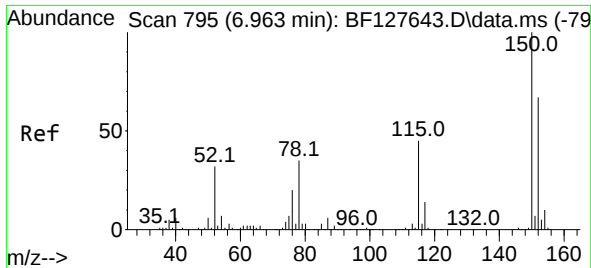
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127675.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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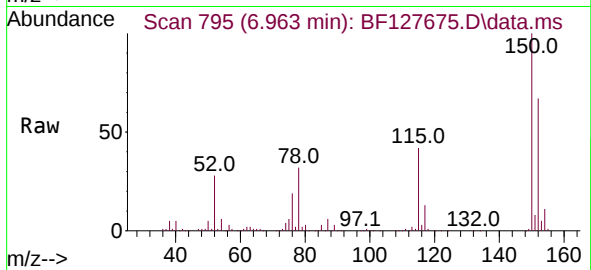
Quant Time: Apr 07 16:50:24 2022
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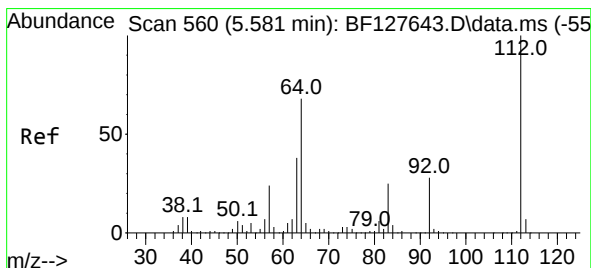
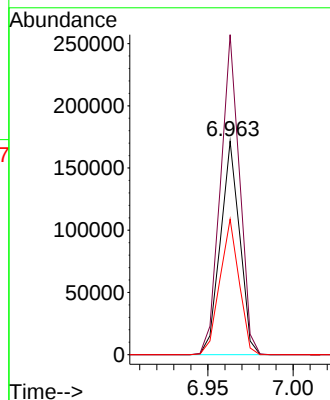
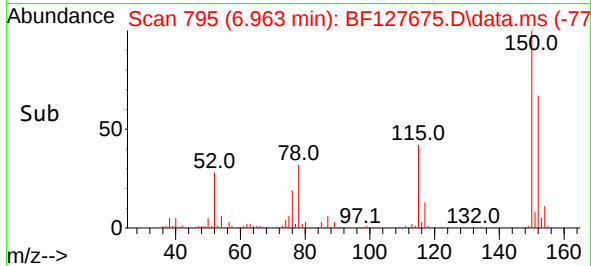


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

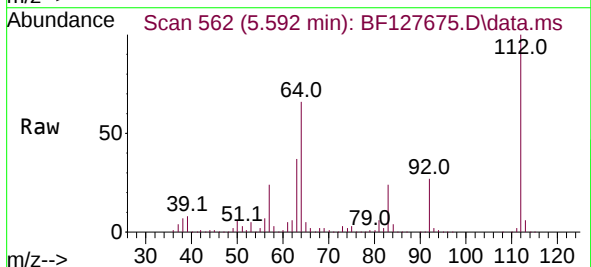
Instrument :
BNA_F
ClientSampleId :
PB143932BL



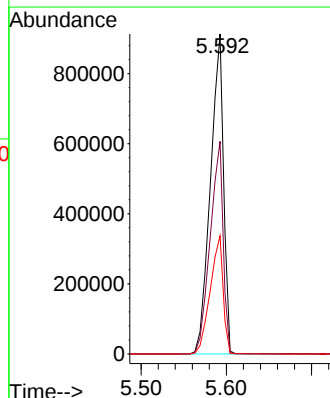
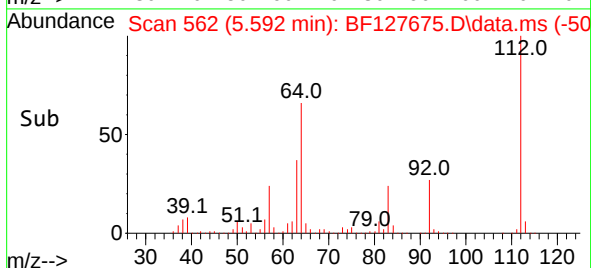
Tgt Ion:152 Resp: 134942
Ion Ratio Lower Upper
152 100
150 149.9 117.2 175.8
115 63.5 49.8 74.6

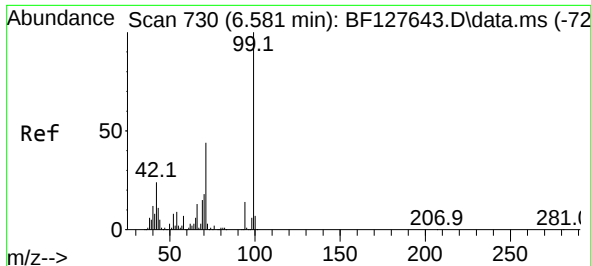


#5
2-Fluorophenol
Concen: 117.843 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44



Tgt Ion:112 Resp: 978642
Ion Ratio Lower Upper
112 100
64 66.4 58.4 87.6
63 36.9 30.1 45.1

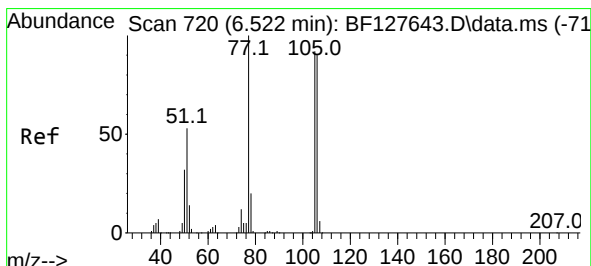
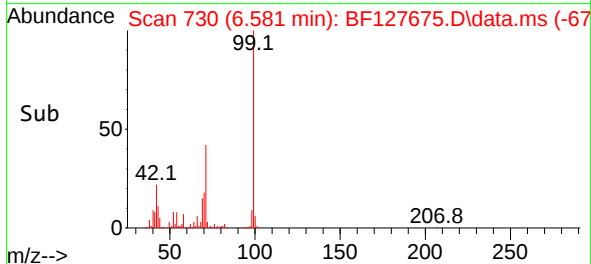
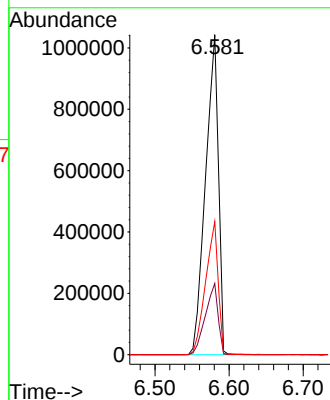
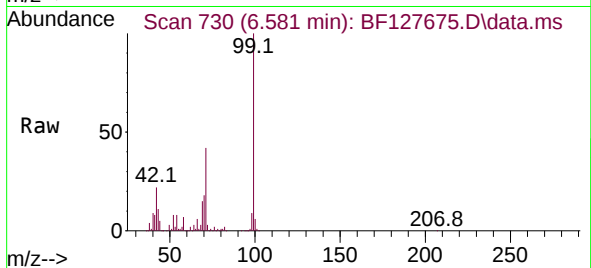




#7
Phenol-d6
Concen: 116.591 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

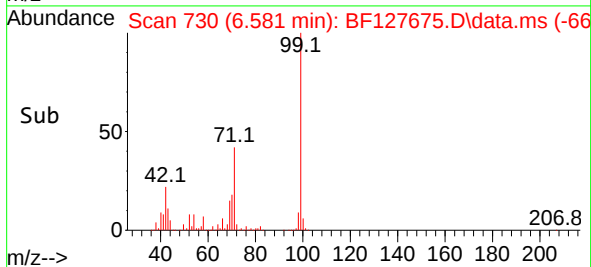
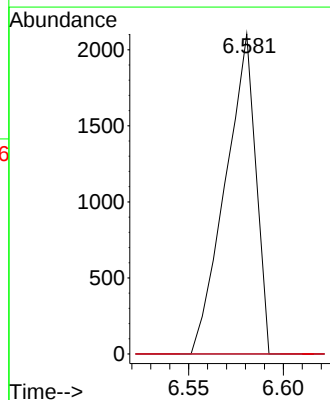
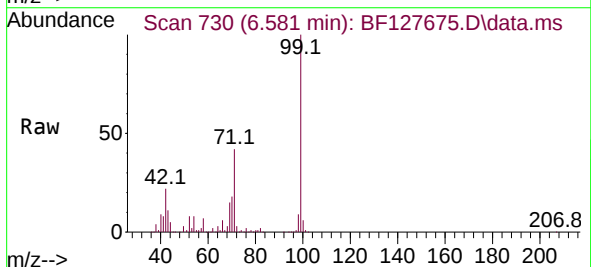
Instrument :
BNA_F
ClientSampleId :
PB143932BL

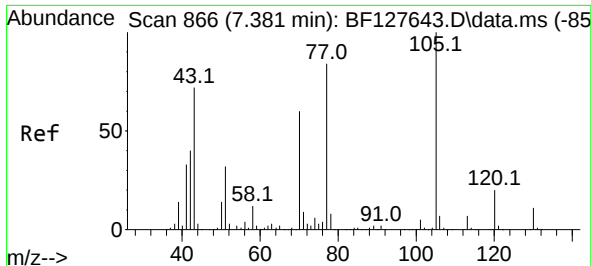
Tgt Ion: 99 Resp: 1266673
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 41.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Tgt Ion: 77 Resp: 2350
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: 17.716 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127675.D

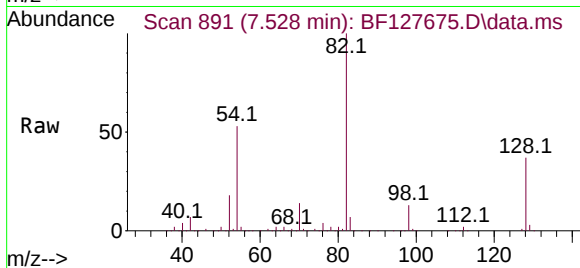
Acq: 07 Apr 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB143932BL



Tgt Ion: 70 Resp: 124488

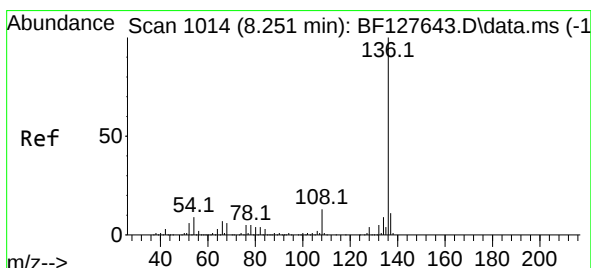
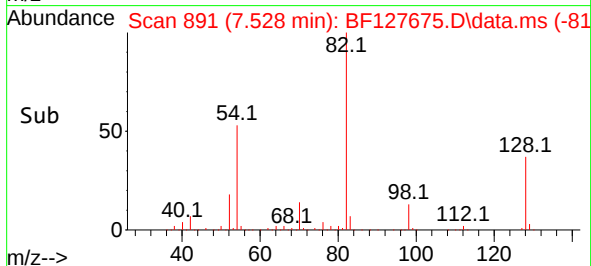
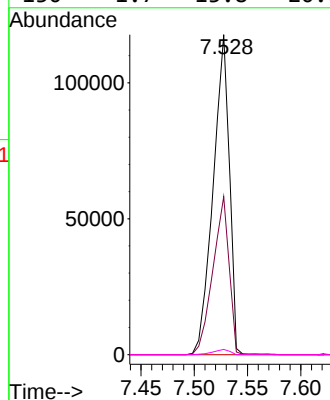
Ion Ratio Lower Upper

70 100

42 49.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 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: BF127675.D

Acq: 07 Apr 2022 10:44

Tgt Ion: 136 Resp: 500544

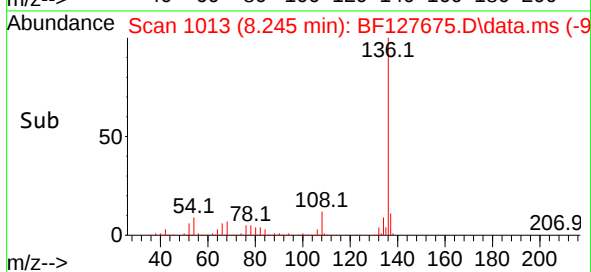
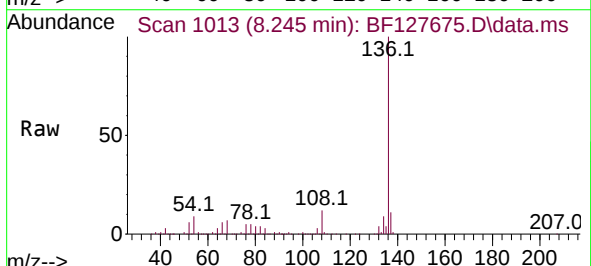
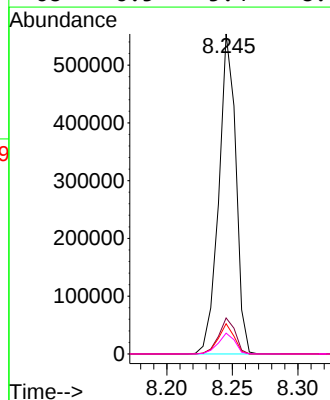
Ion Ratio Lower Upper

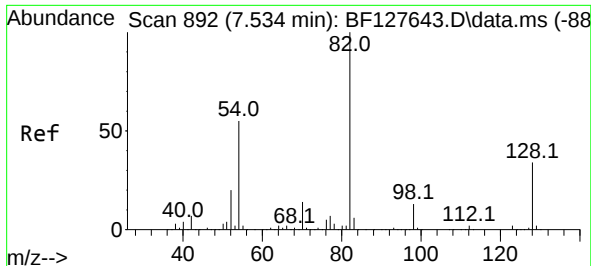
136 100

137 11.3 8.6 13.0

54 9.5 9.2 13.8

68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.004 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127675.D

Acq: 07 Apr 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB143932BL

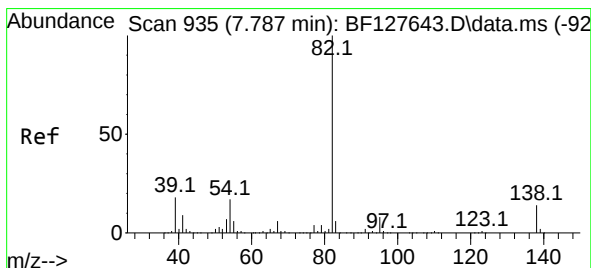
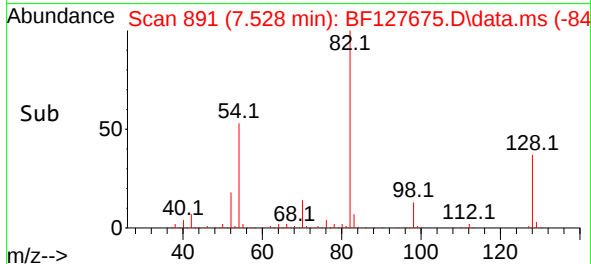
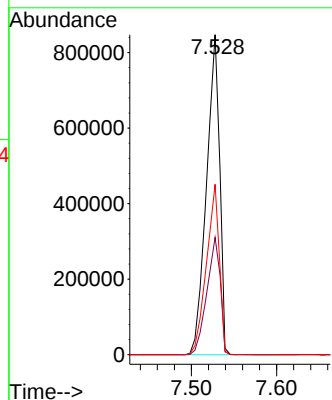
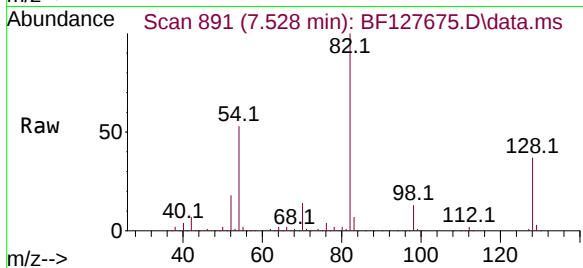
Tgt Ion: 82 Resp: 909487

Ion Ratio Lower Upper

82 100

128 36.7 30.6 45.8

54 53.2 48.2 72.2



#25

Isophorone

Concen: 46.422 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127675.D

Acq: 07 Apr 2022 10:44

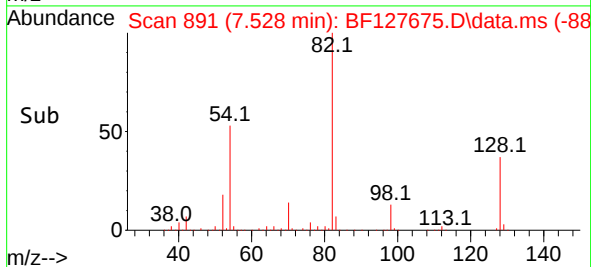
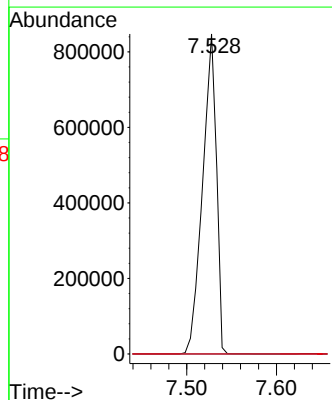
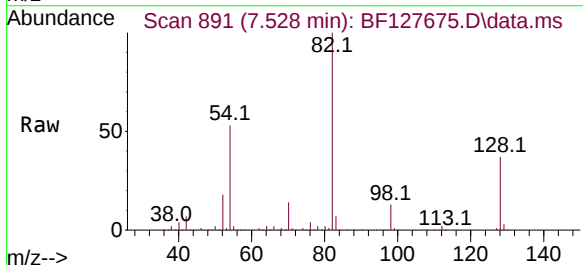
Tgt Ion: 82 Resp: 909473

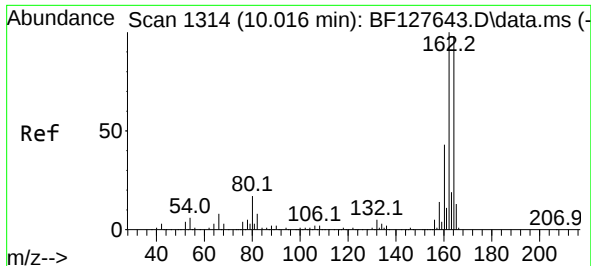
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

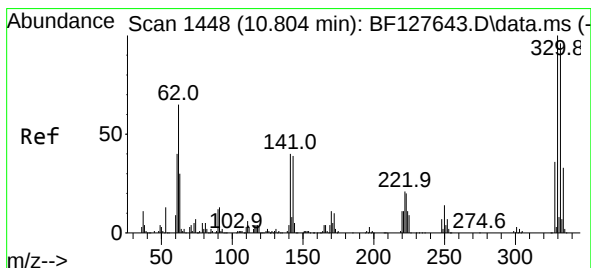
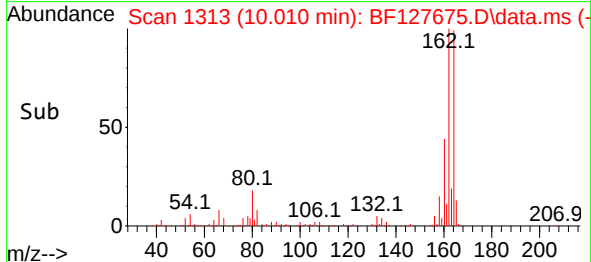
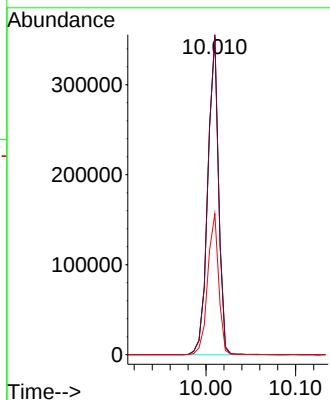
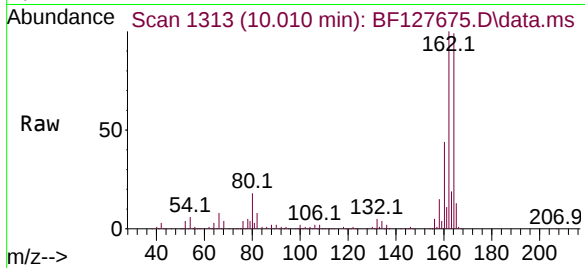




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

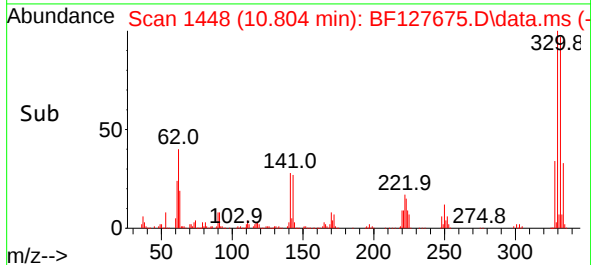
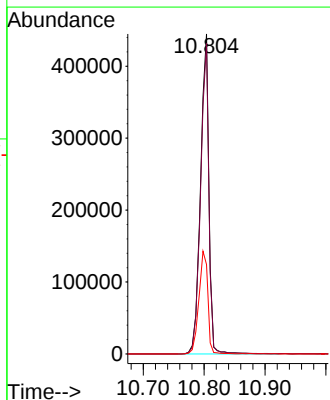
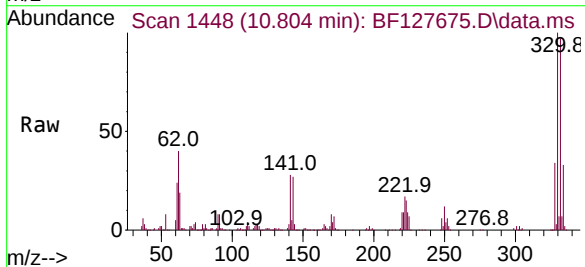
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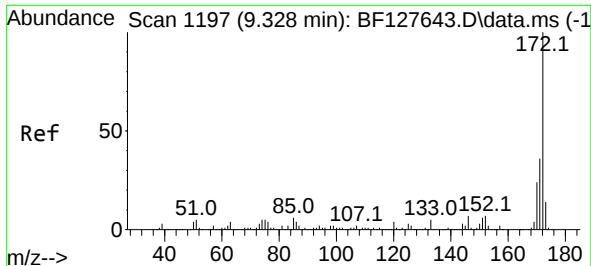
Tgt Ion:164 Resp: 294556
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 135.562 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Tgt Ion:330 Resp: 424921
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 34.3 26.2 39.4

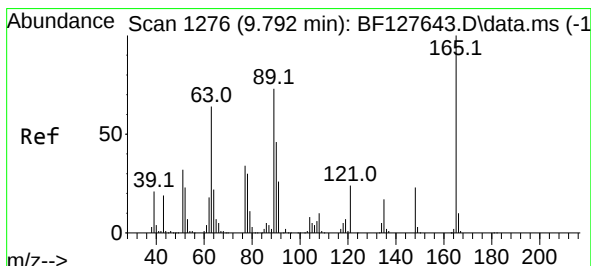
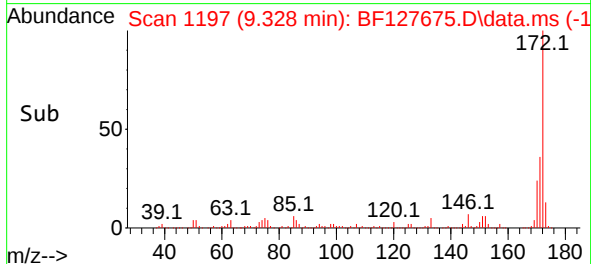
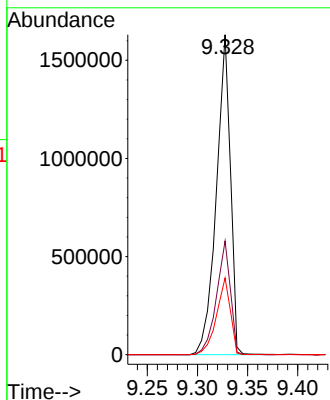
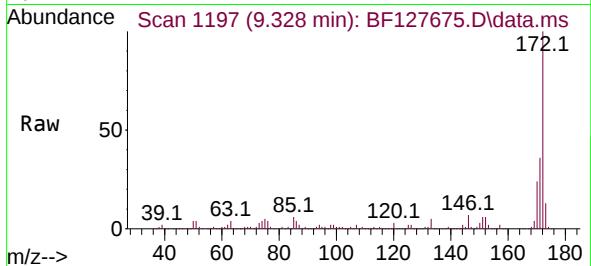




#45
2-Fluorobiphenyl
Concen: 76.249 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

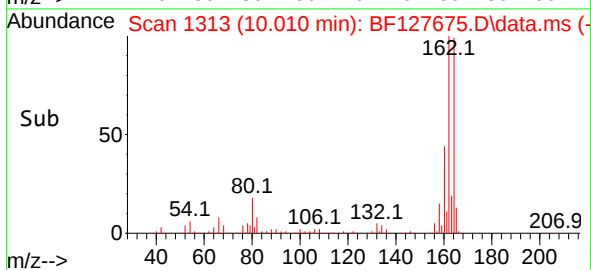
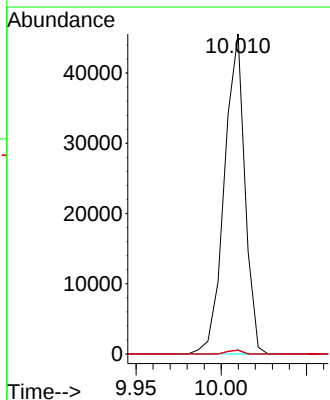
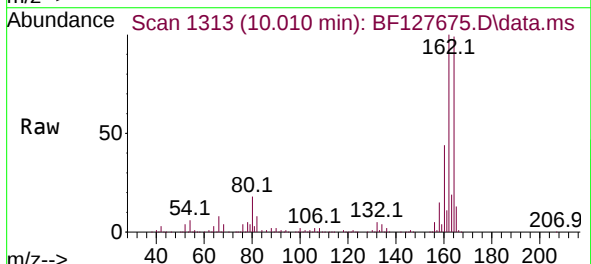
Instrument :
BNA_F
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PB143932BL

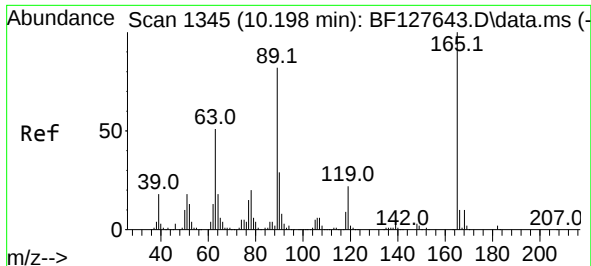
Tgt Ion:172 Resp: 1587628
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.464 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

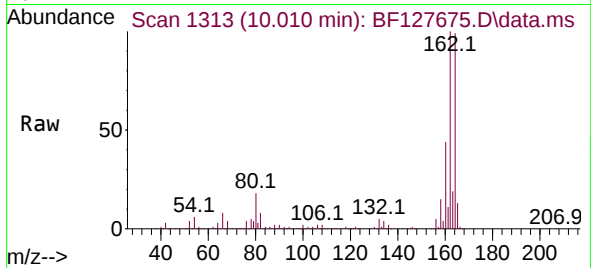
Tgt Ion:165 Resp: 38087
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.1 51.5 77.3#



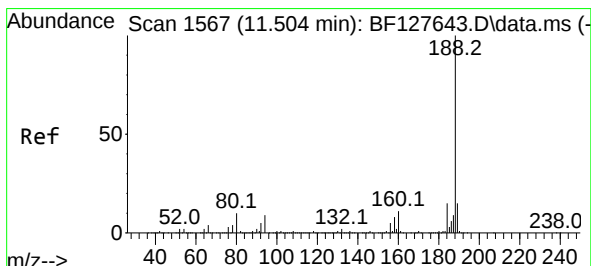
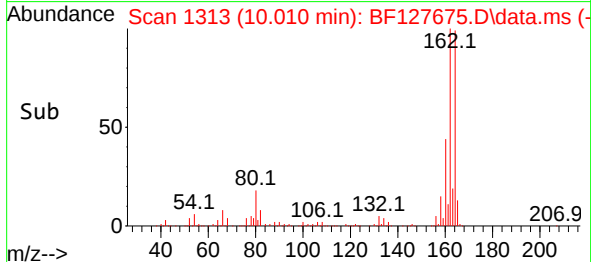
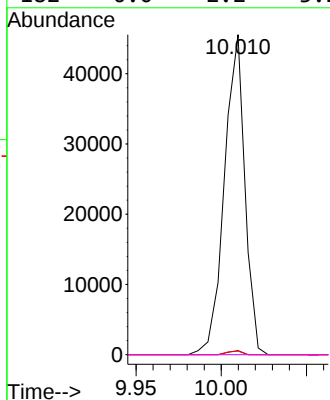


#57
2,4-Dinitrotoluene
Concen: 7.633 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB143932BL

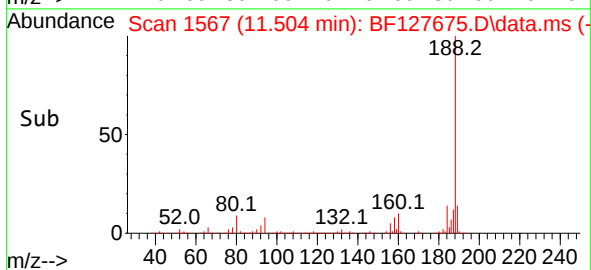
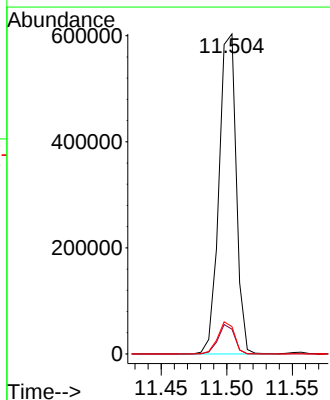
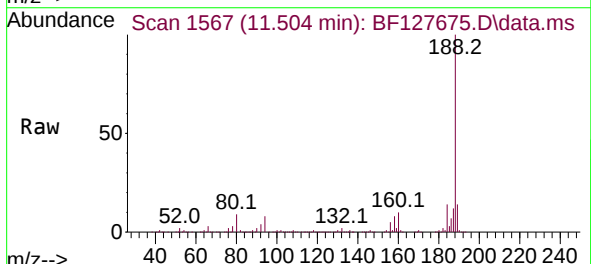


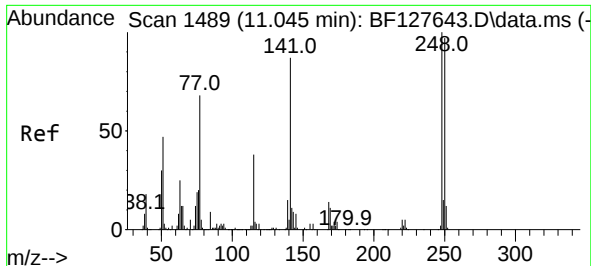
Tgt Ion:165 Resp: 38087
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Tgt Ion:188 Resp: 551241
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.0
80 8.5 8.0 12.0

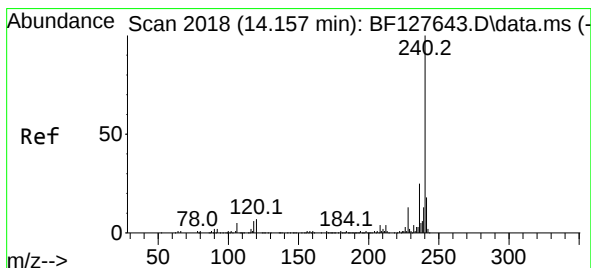
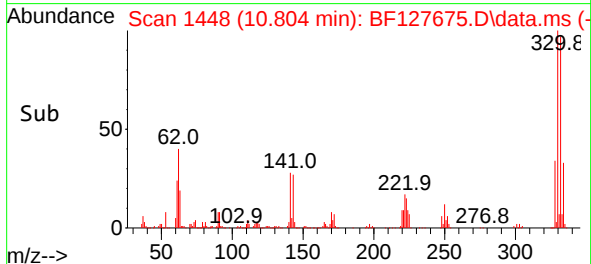
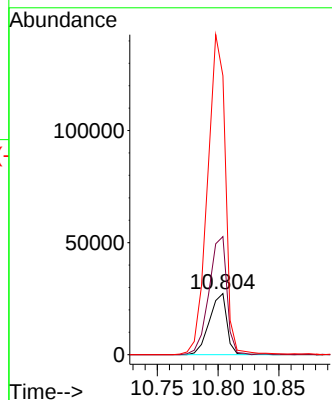
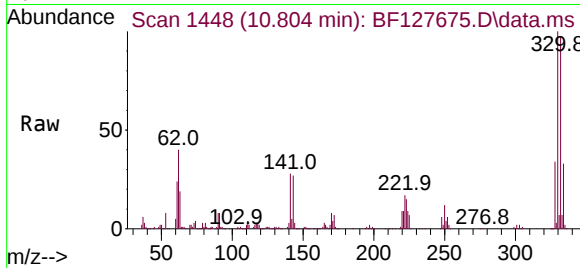




#67
4-Bromophenyl-phenylether
Concen: 4.062 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

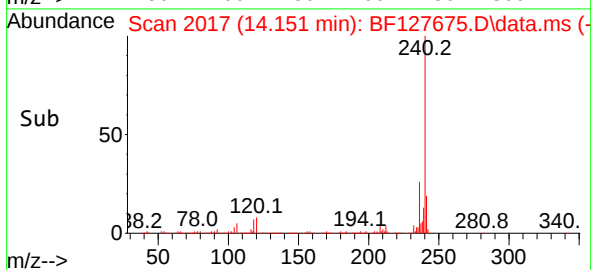
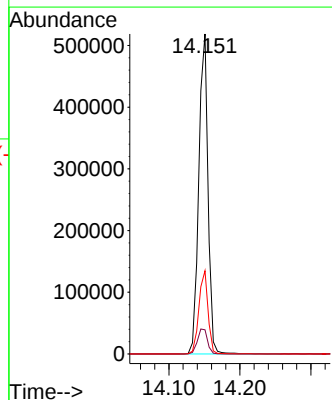
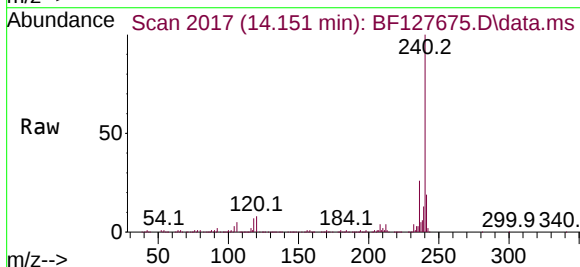
Instrument :
BNA_F
ClientSampleId :
PB143932BL

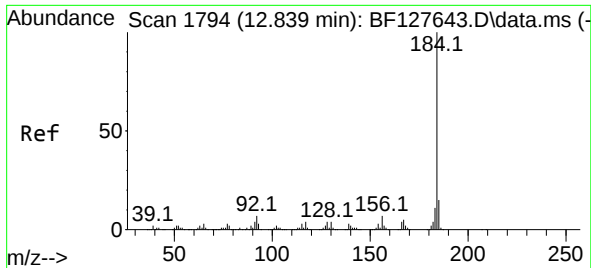
Tgt Ion:248 Resp: 27174
Ion Ratio Lower Upper
248 100
250 192.9 76.6 115.0#
141 455.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Tgt Ion:240 Resp: 468359
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 26.0 20.7 31.1

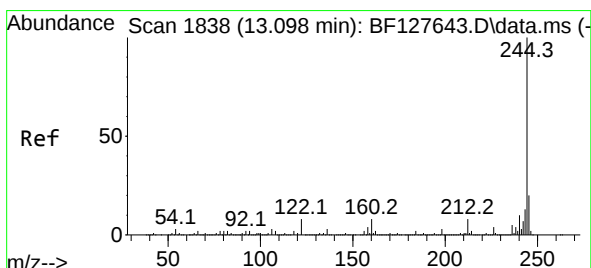
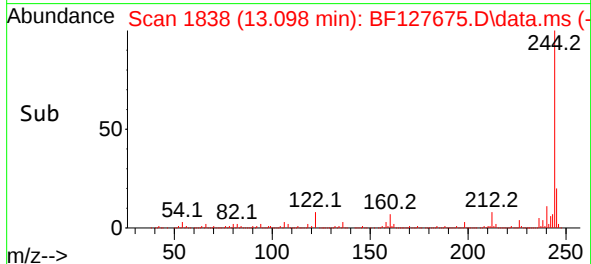
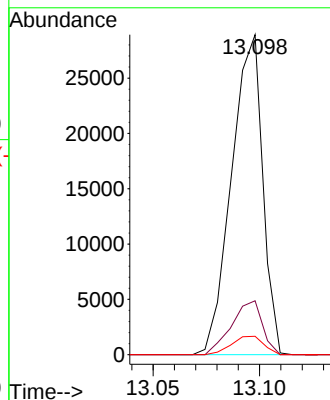
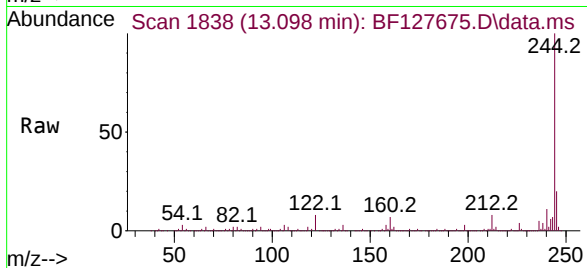




#77
Benzidine
Concen: 2.407 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

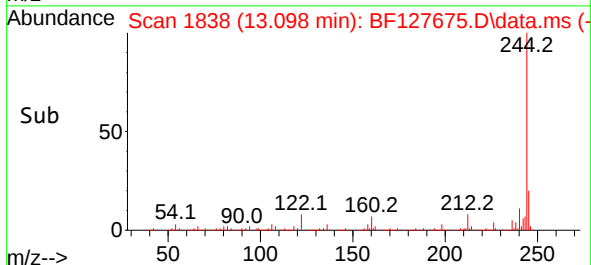
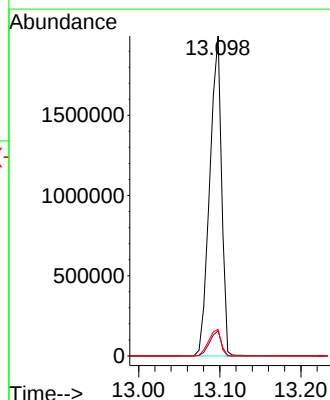
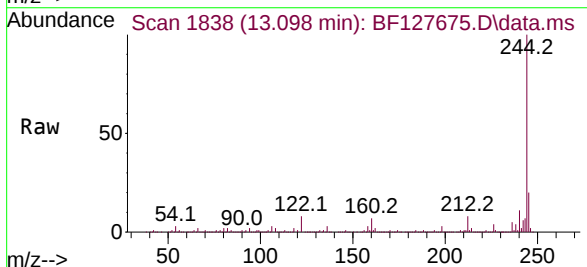
Instrument :
BNA_F
ClientSampleId :
PB143932BL

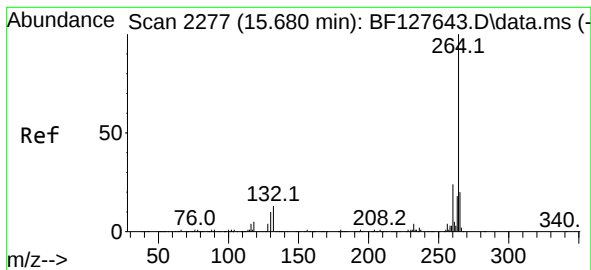
Tgt Ion:184 Resp: 29430
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.2
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.862 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127675.D
Acq: 07 Apr 2022 10:44

Tgt Ion:244 Resp: 2010700
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.3 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: BF127675.D

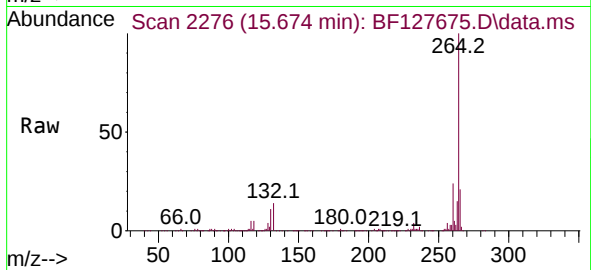
Acq: 07 Apr 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB143932BL



Tgt Ion:264 Resp: 369585

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 20.9 17.4 26.2

