

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128598.D
 Acq On : 31 May 2022 16:50
 Operator : CG\JU
 Sample : N2951-22RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-1218-01

Quant Time: Jun 01 00:57:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

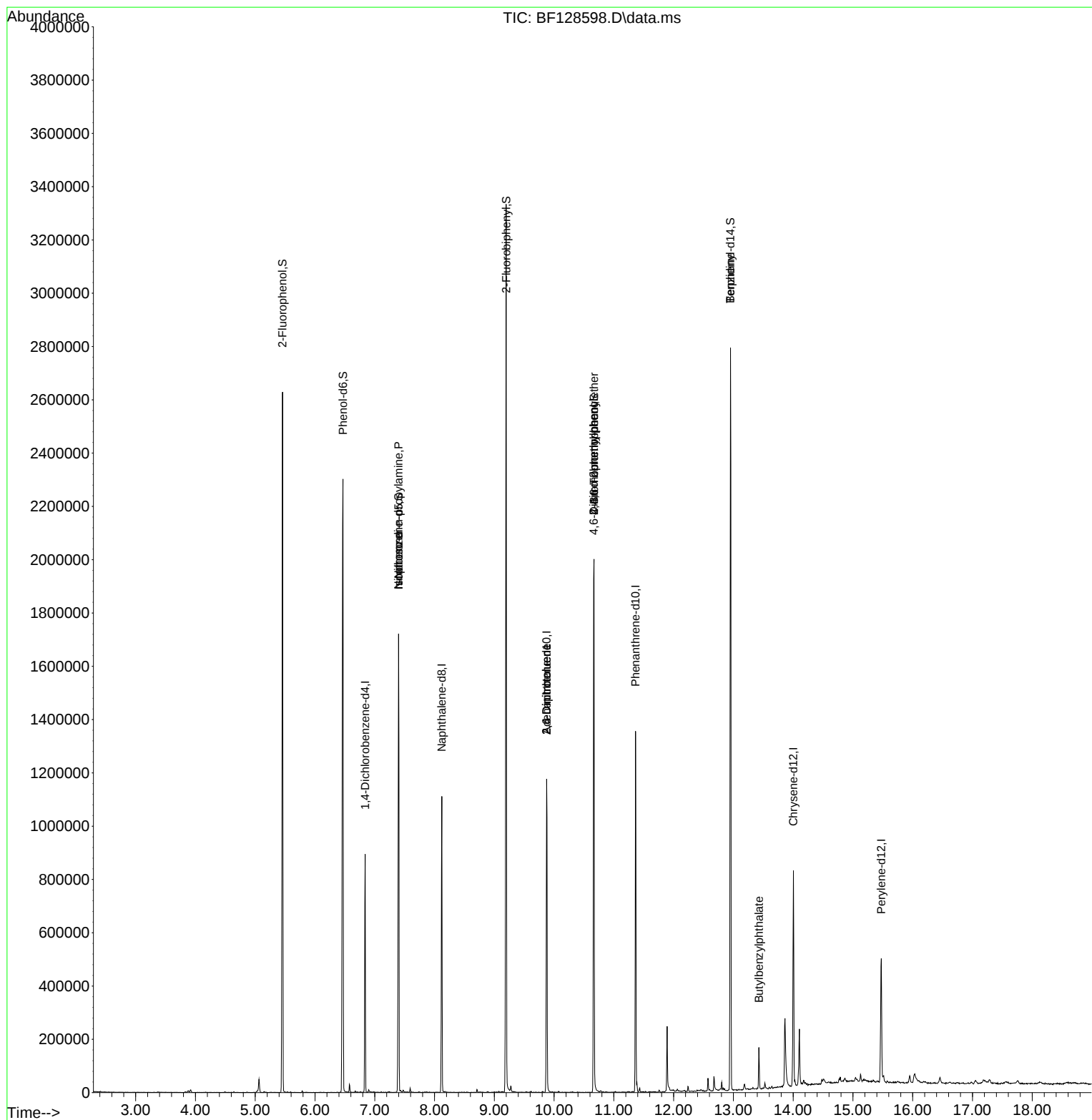
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	116260	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	445630	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	250824	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	459259	20.000	ng	0.00
76) Chrysene-d12	14.004	240	258391	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	223341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	598488	85.269	ng	0.00
7) Phenol-d6	6.469	99	781874	87.368	ng	0.00
23) Nitrobenzene-d5	7.398	82	546629	70.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	246567	103.278	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	981557	63.578	ng	0.00
79) Terphenyl-d14	12.951	244	973430	72.782	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	78	Below Cal	#	58
19) n-Nitroso-di-n-propyla...	7.398	70	77761	14.172	ng	# 78
25) Isophorone	7.398	82	543937	38.170	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	31172	10.454	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	31172	8.738	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	557	5.734	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	16306	3.436	ng	# 1
77) Benzidine	12.951	184	14389	2.414	ng	# 92
80) Butylbenzylphthalate	13.427	149	31173	3.797	ng	98

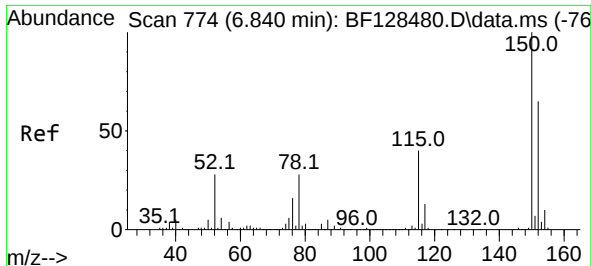
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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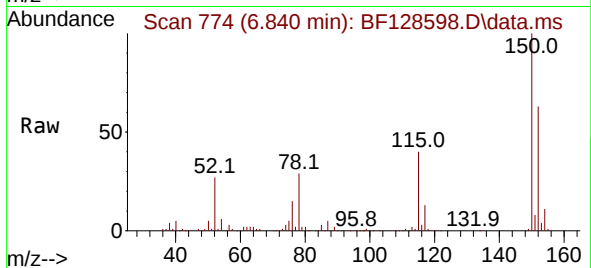
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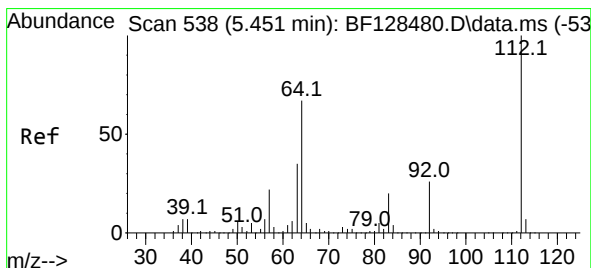
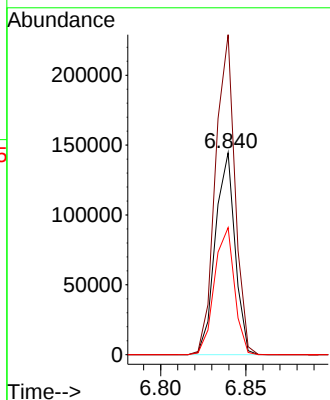
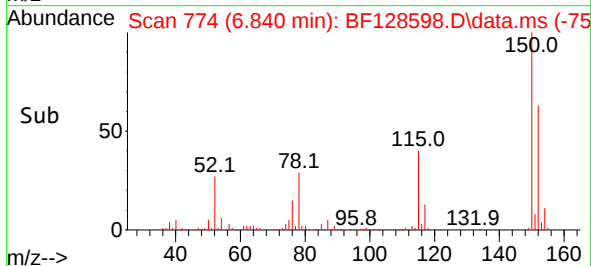


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

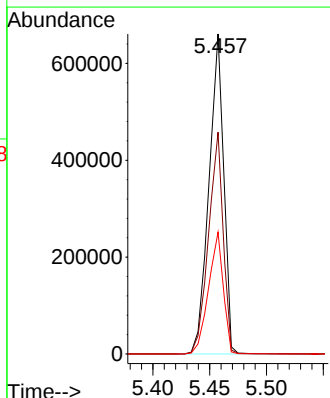
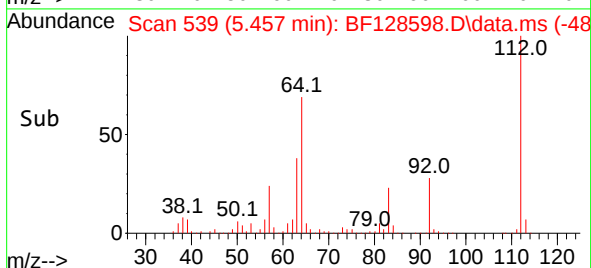
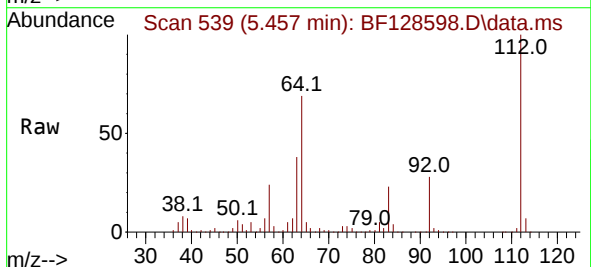


Tgt Ion:152 Resp: 116260
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 85.269 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:112 Resp: 598488
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 38.0 28.0 42.0

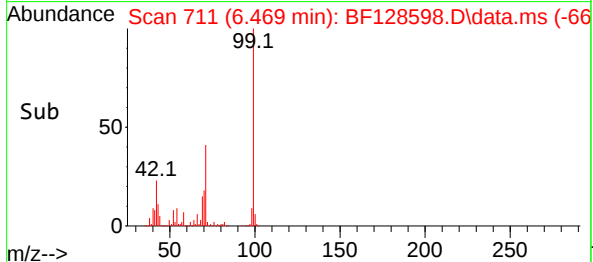
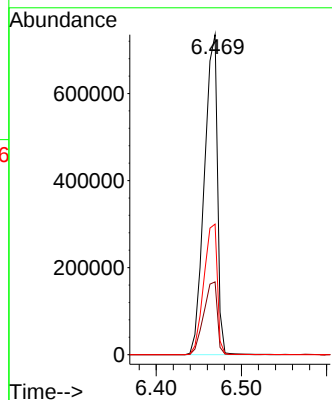
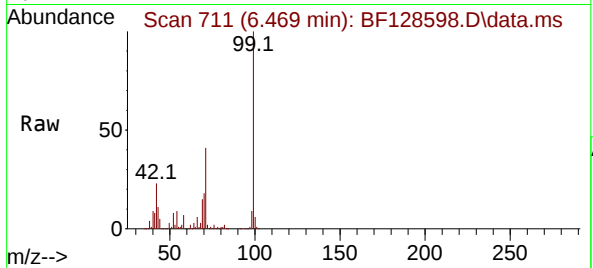




#7
Phenol-d6
Concen: 87.368 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

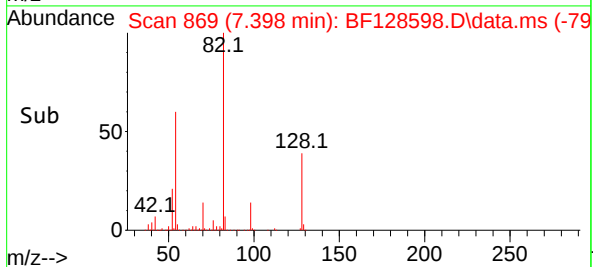
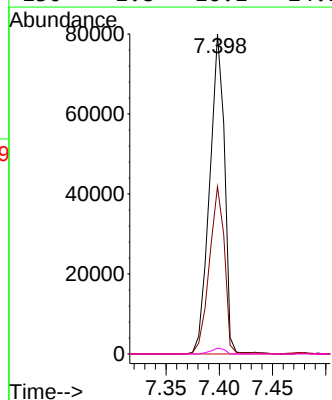
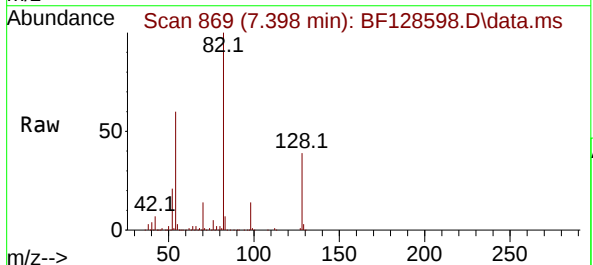
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

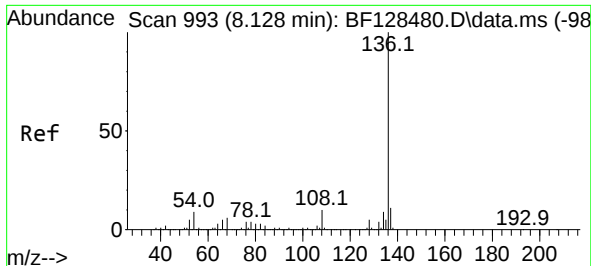
Tgt Ion: 99 Resp: 781874
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.172 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion: 70 Resp: 77761
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1218-01

Tgt Ion:136 Resp: 445630

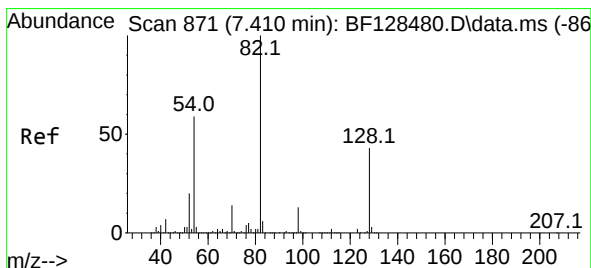
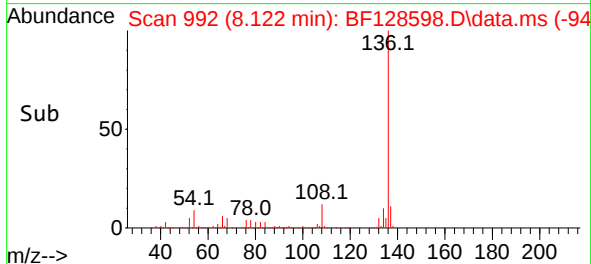
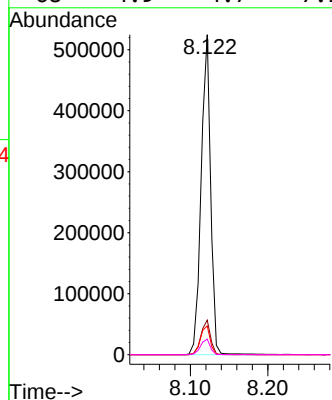
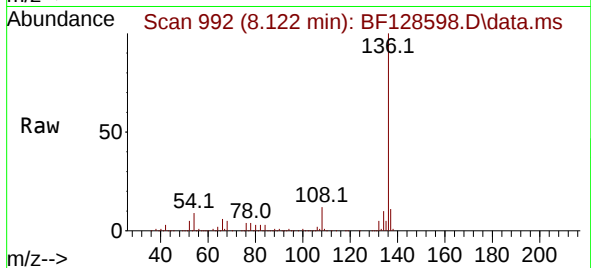
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.763 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

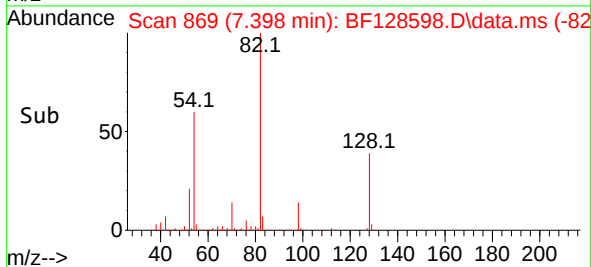
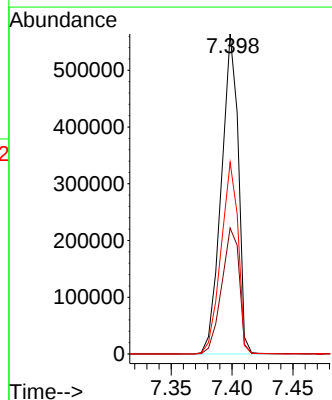
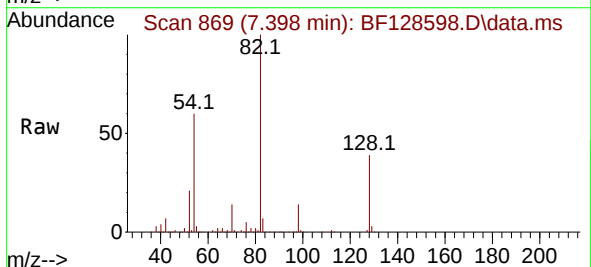
Tgt Ion: 82 Resp: 546629

Ion Ratio Lower Upper

82 100

128 39.4 34.0 51.0

54 59.9 46.9 70.3

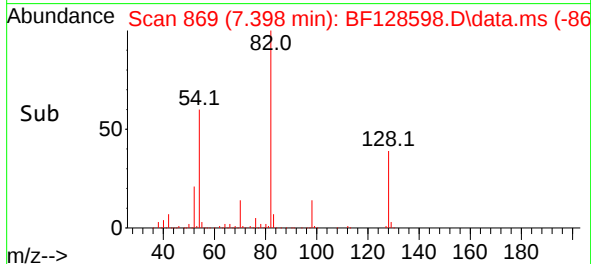
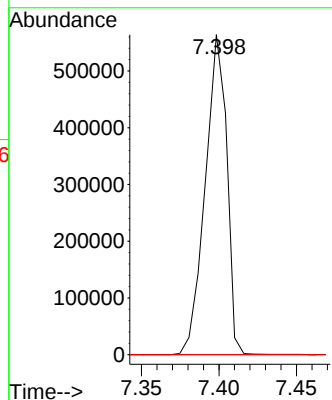
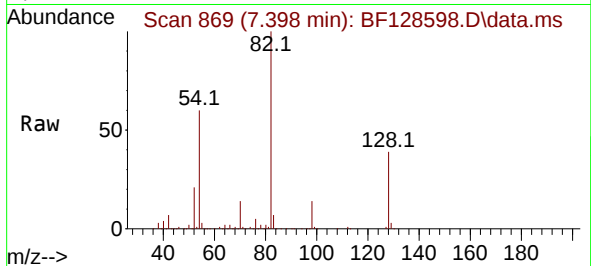




#25
Isophorone
Concen: 38.170 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

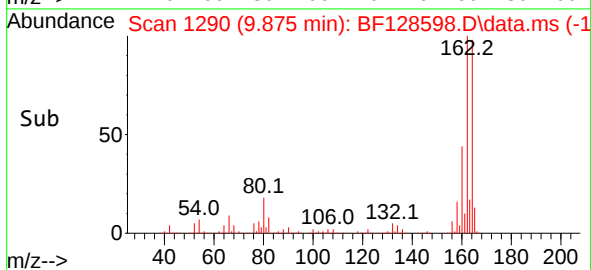
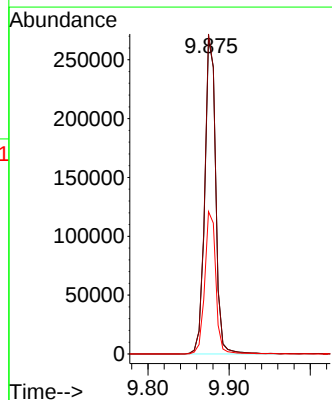
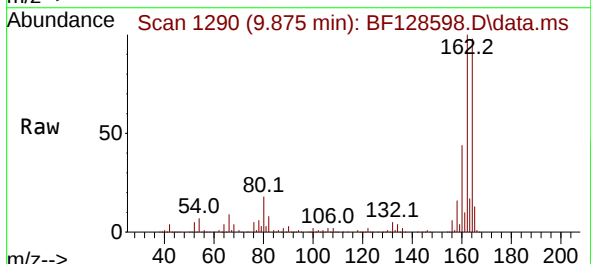
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion: 82 Resp: 543937
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:164 Resp: 250824
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.278 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1218-01

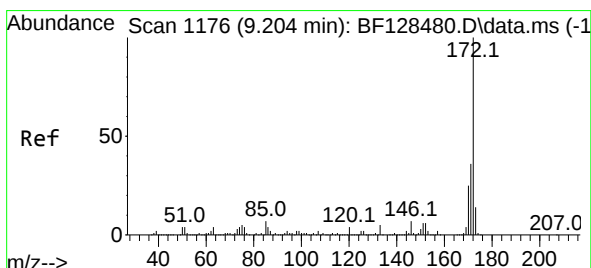
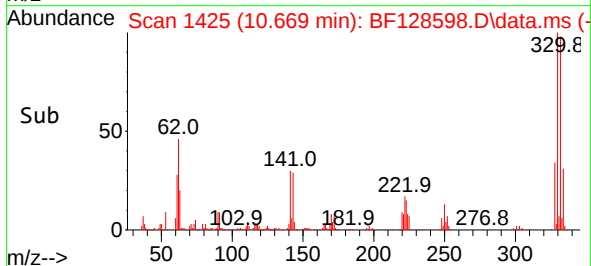
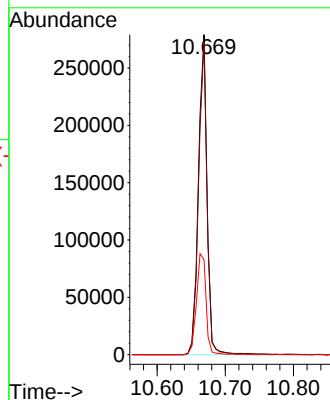
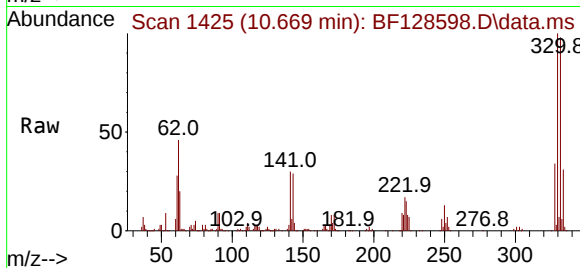
Tgt Ion:330 Resp: 246567

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.578 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

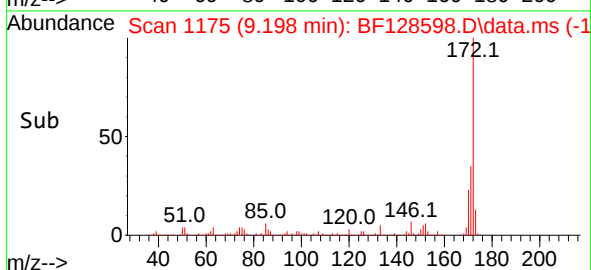
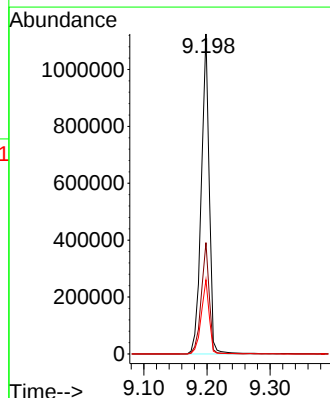
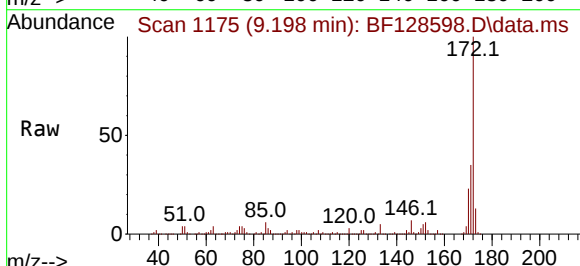
Tgt Ion:172 Resp: 981557

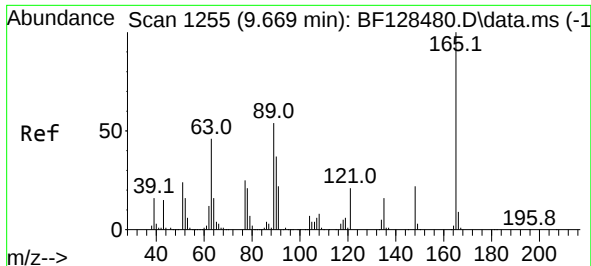
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.2 19.8 29.8

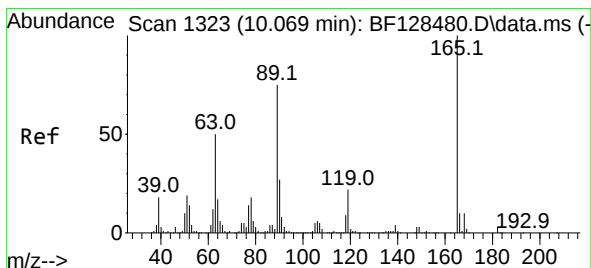
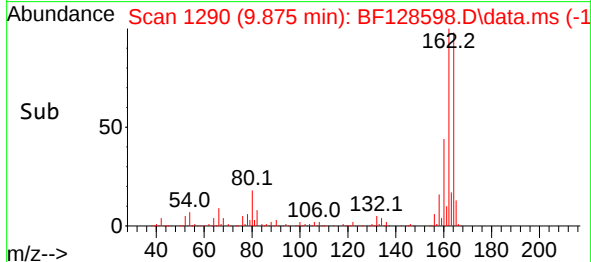
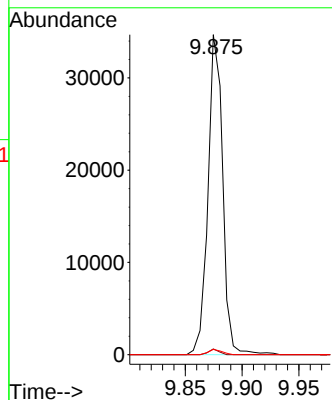
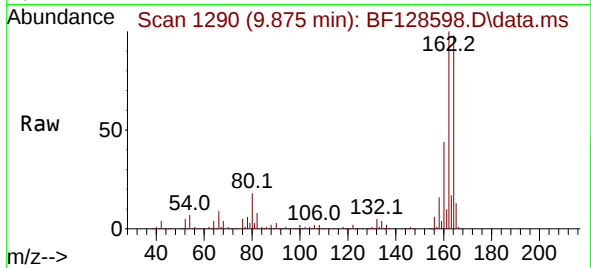




#51
2,6-Dinitrotoluene
Concen: 10.454 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

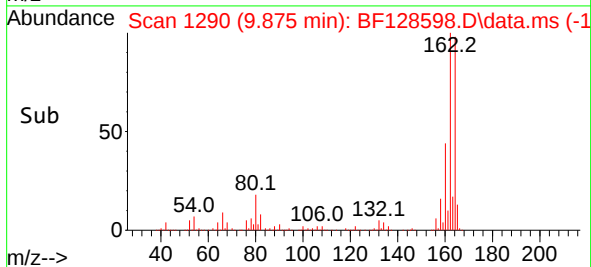
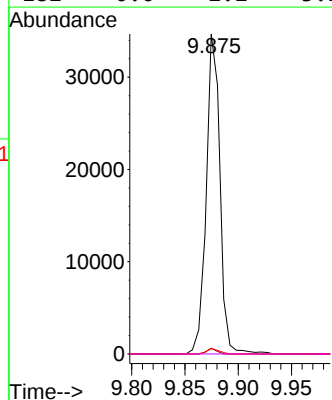
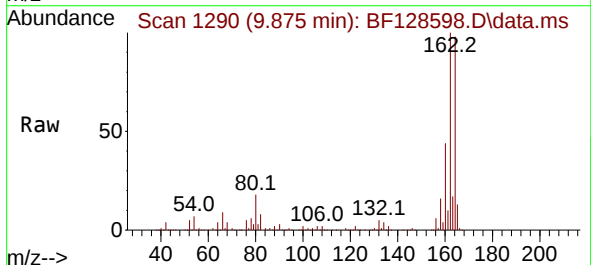
Instrument :
BNA_F
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P036-SS001-1218-01

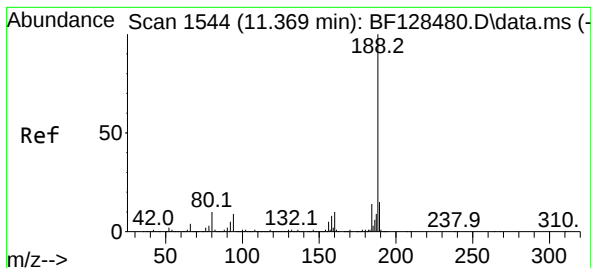
Tgt Ion:165 Resp: 31172
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.738 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:165 Resp: 31172
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1218-01

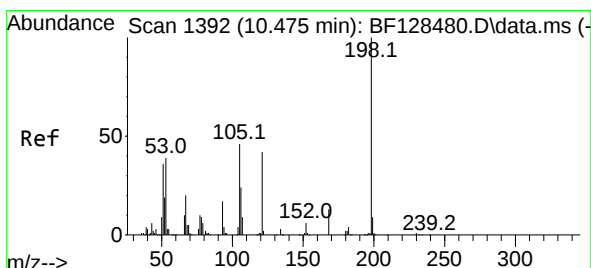
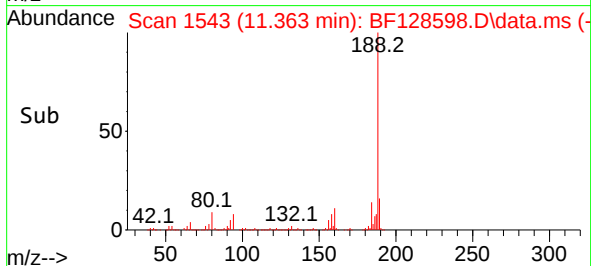
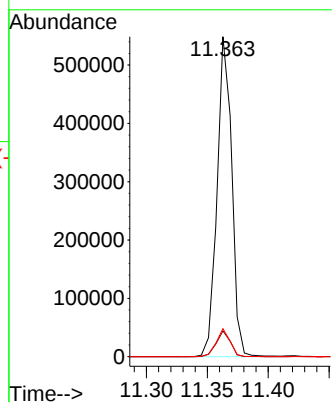
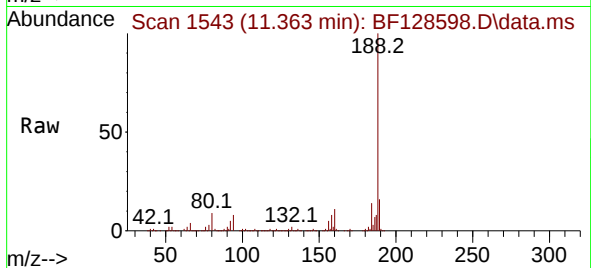
Tgt Ion:188 Resp: 459259

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.8 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.734 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128598.D

Acq: 31 May 2022 16:50

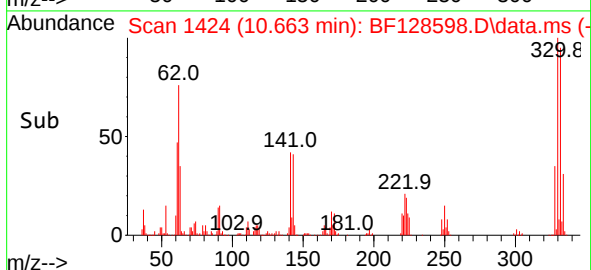
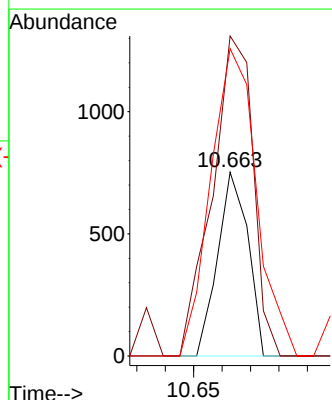
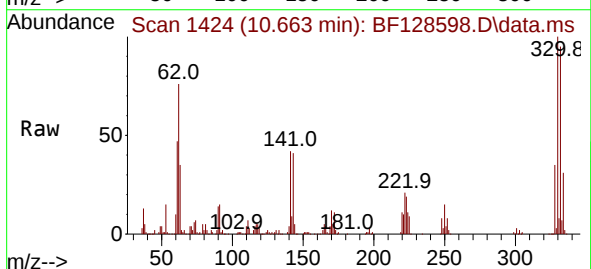
Tgt Ion:198 Resp: 557

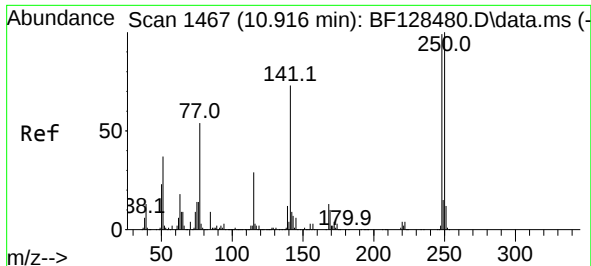
Ion Ratio Lower Upper

198 100

51 174.2 37.6 77.6#

105 167.3 27.0 67.0#

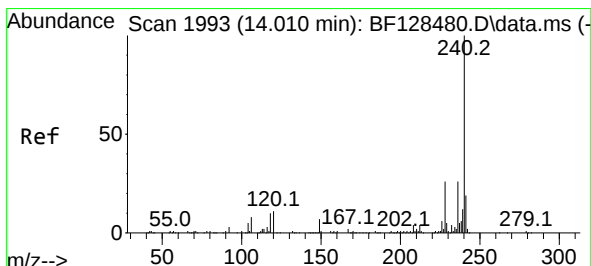
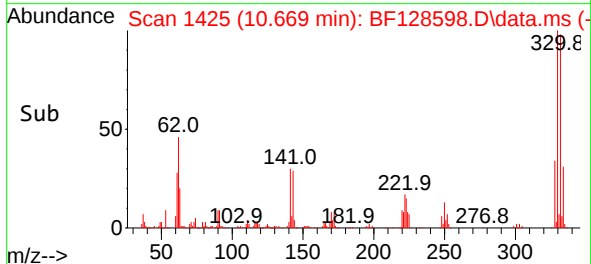
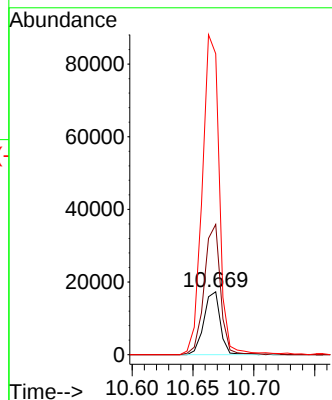
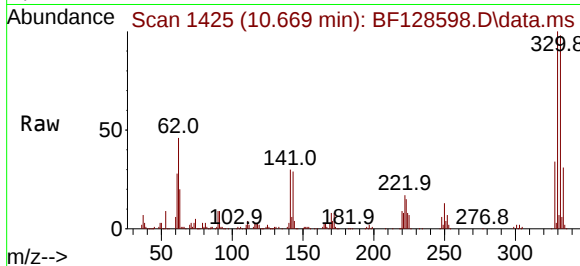




#67
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 10.669 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

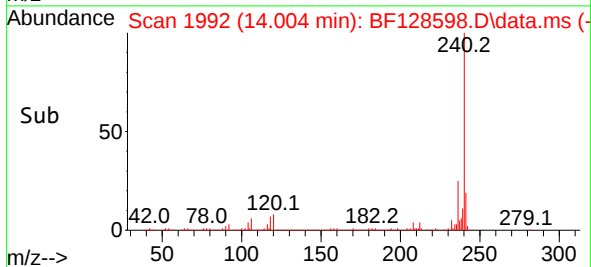
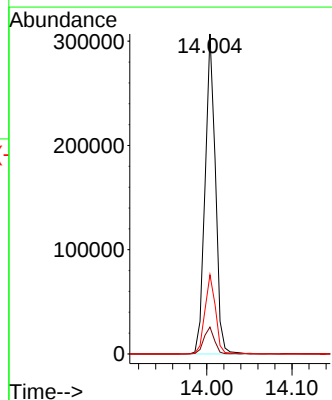
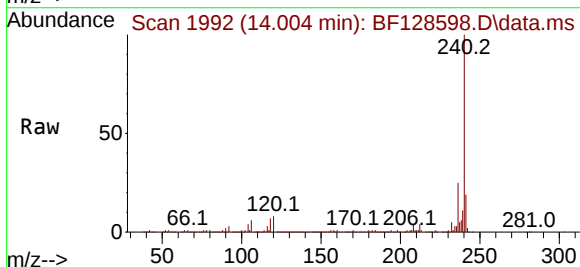
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

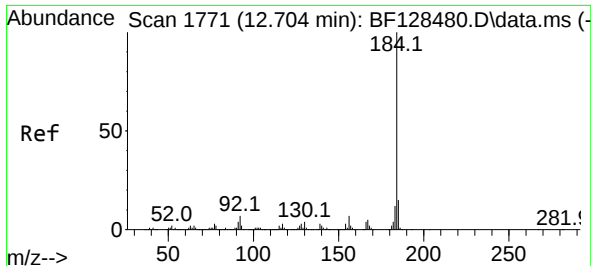
Tgt Ion:248 Resp: 16306
Ion Ratio Lower Upper
248 100
250 206.8 80.6 120.8#
141 478.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:240 Resp: 258391
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 24.7 20.8 31.2

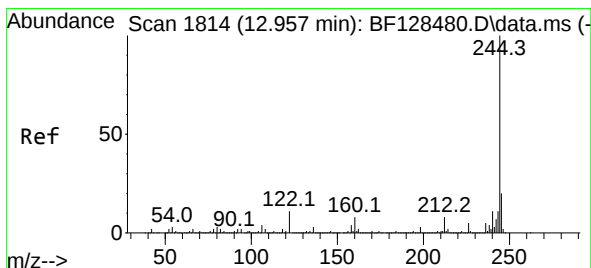
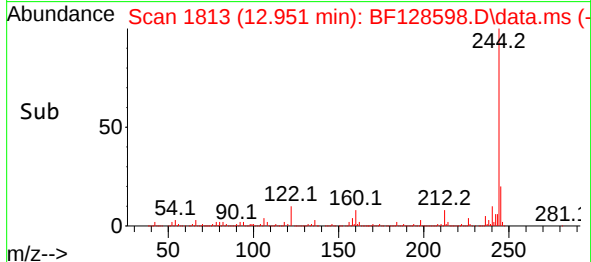
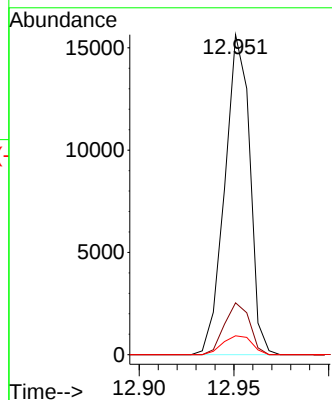
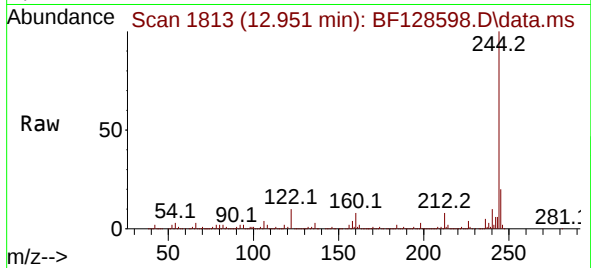




#77
Benzidine
Concen: 2.414 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

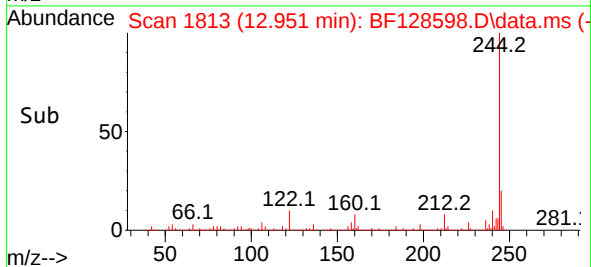
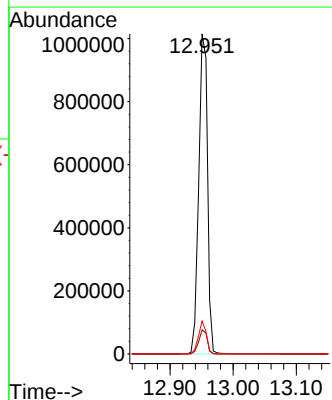
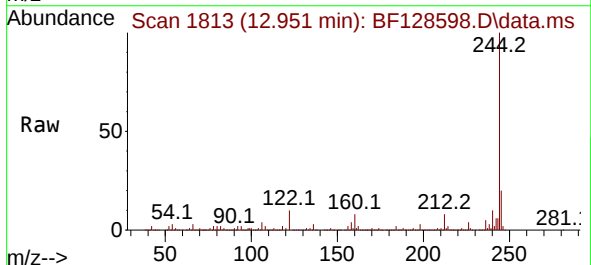
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

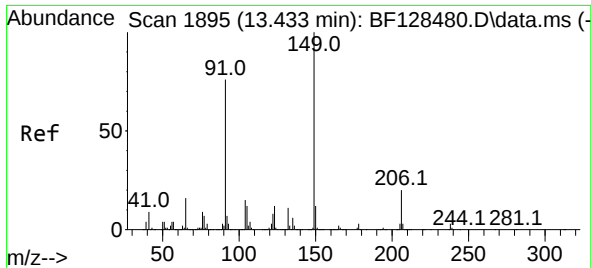
Tgt Ion:184 Resp: 14389
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 5.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 72.782 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:244 Resp: 973430
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.3 8.8 13.2

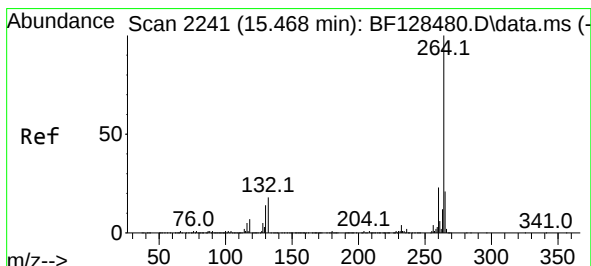
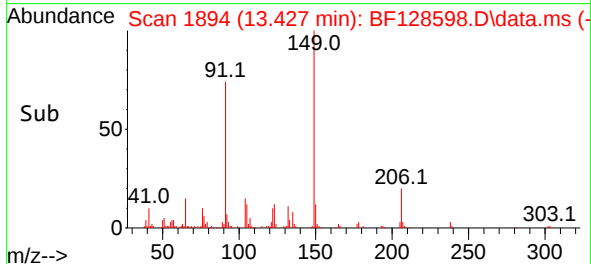
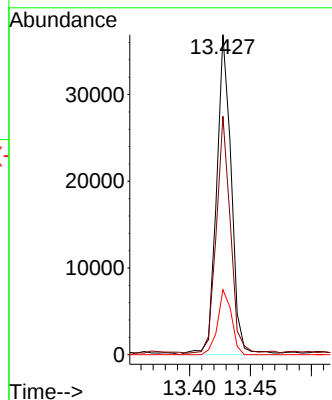
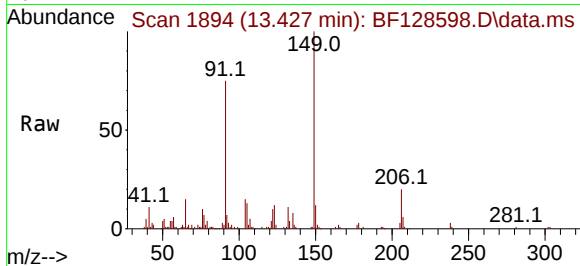




#80
Butylbenzylphthalate
Concen: 3.797 ng
RT: 13.427 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion:149	Resp:	31173
Ion Ratio	Lower	Upper
149	100	
91	74.5	61.2 91.8
206	20.3	15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF128598.D
Acq: 31 May 2022 16:50

Tgt Ion:264	Resp:	223341
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.4 27.6
265	20.6	17.2 25.8

