

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128604.D
 Acq On : 31 May 2022 19:59
 Operator : CG\JU
 Sample : N2952-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1218-02

Quant Time: Jun 01 00:58:36 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)

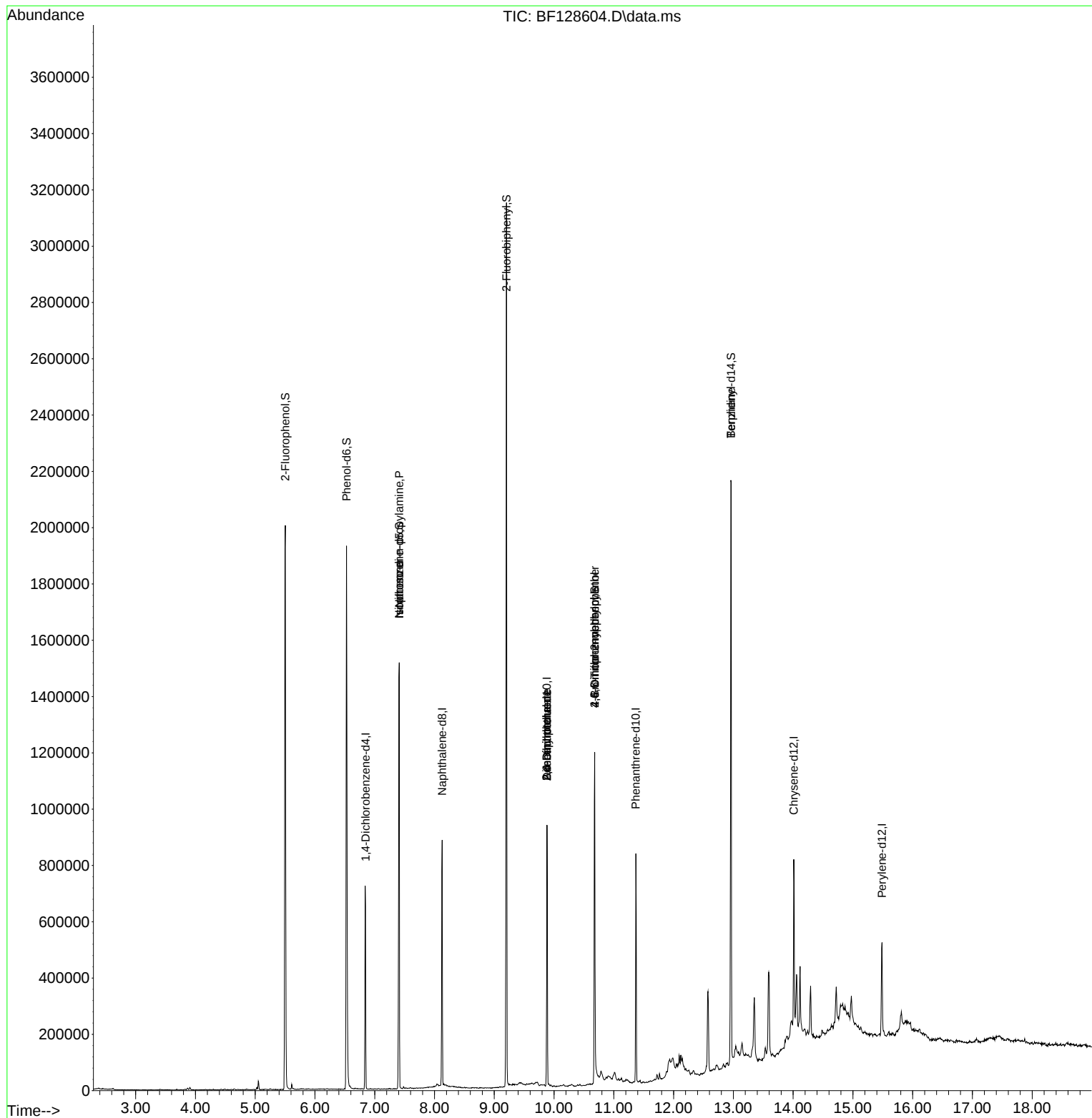
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100862	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	351860	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	174908	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	269672	20.000	ng	0.00
76) Chrysene-d12	14.010	240	207375	20.000	ng	0.00
86) Perylene-d12	15.486	264	152452	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	534501	87.778	ng	0.05
7) Phenol-d6	6.528	99	655348	84.409	ng	0.06
23) Nitrobenzene-d5	7.410	82	482646	79.131	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	142981	85.883	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	848888	78.850	ng	0.00
79) Terphenyl-d14	12.963	244	749711	69.845	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.393	77	67	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	68939	14.482	ng	# 77
25) Isophorone	7.410	82	480635	42.717	ng	# 65
50) Dimethylphthalate	9.881	163	29779	2.625	ng	# 1
51) 2,6-Dinitrotoluene	9.881	165	22393	10.769	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	22393	9.002	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.681	198	343	5.746	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	9589	3.442	ng	# 1
77) Benzidine	12.963	184	11689	2.444	ng	# 93

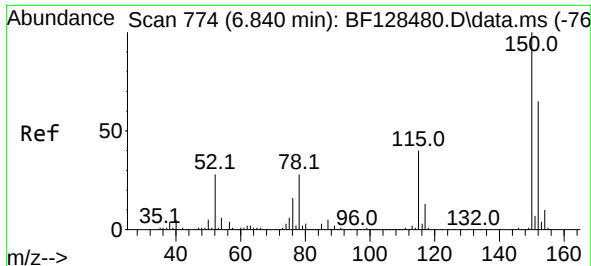
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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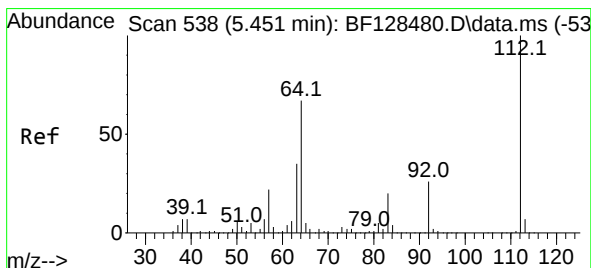
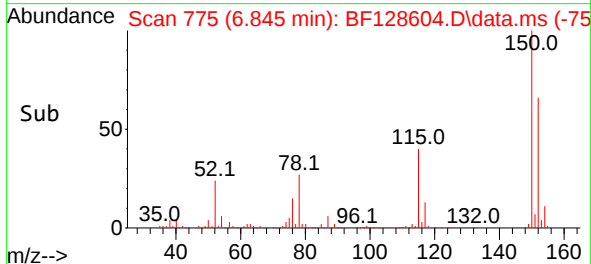
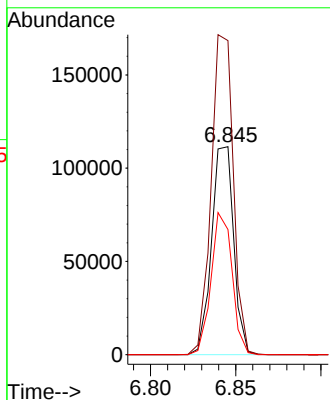
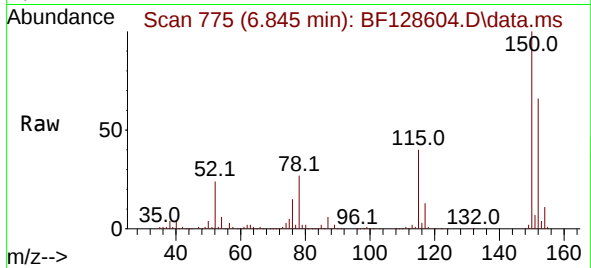




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

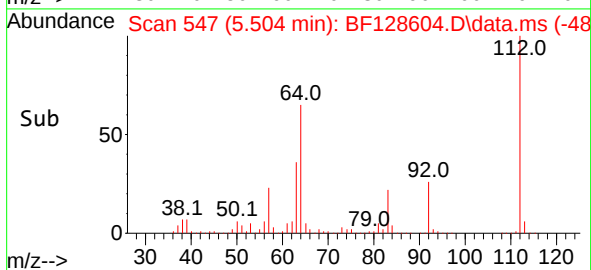
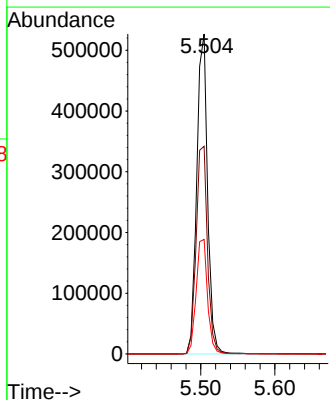
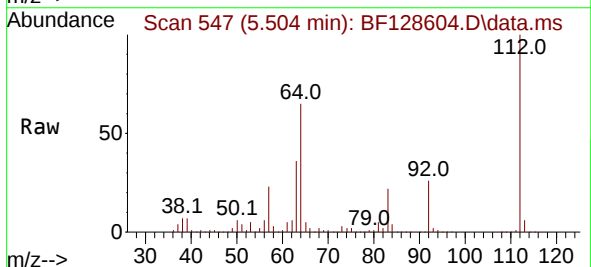
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

Tgt Ion:152 Resp: 100862
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 87.778 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.053 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:112 Resp: 534501
Ion Ratio Lower Upper
112 100
64 64.9 53.3 79.9
63 35.8 28.0 42.0

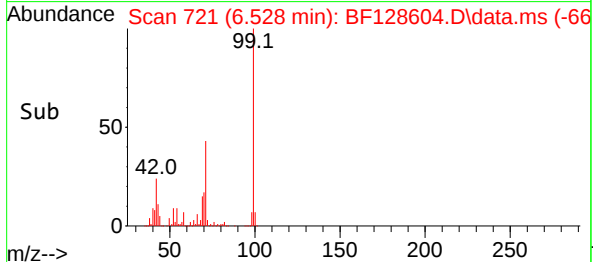
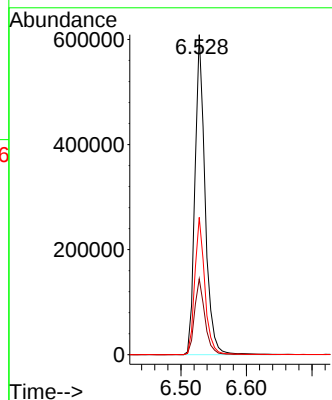
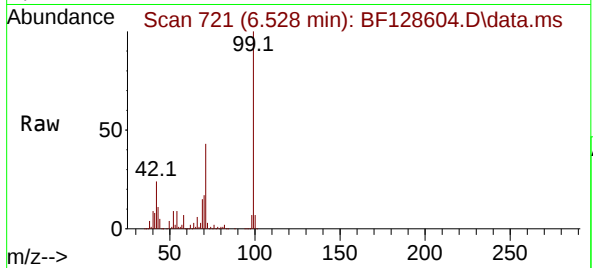




#7
Phenol-d6
Concen: 84.409 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

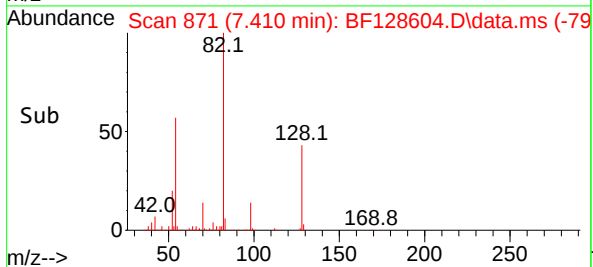
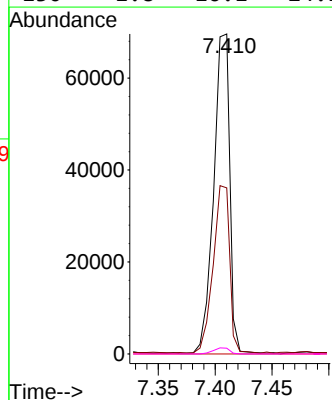
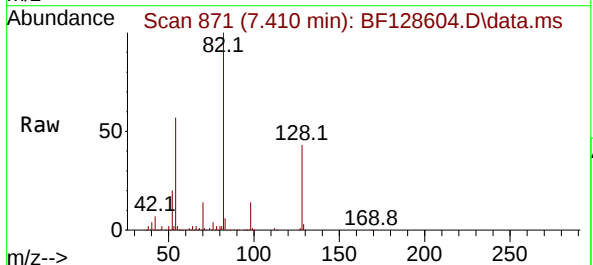
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

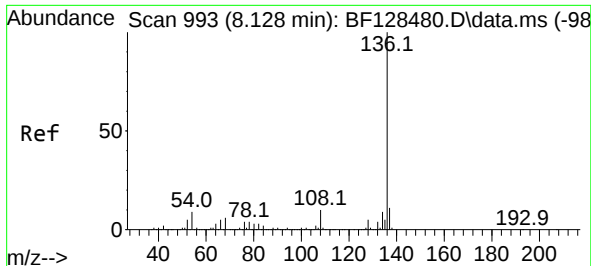
Tgt Ion: 99 Resp: 655348
Ion Ratio Lower Upper
99 100
42 23.7 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.482 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion: 70 Resp: 68939
Ion Ratio Lower Upper
70 100
42 51.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

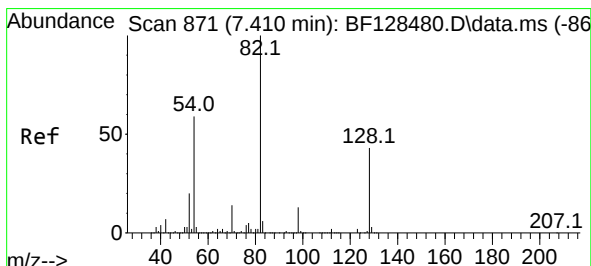
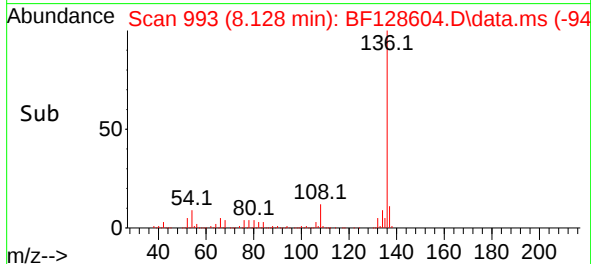
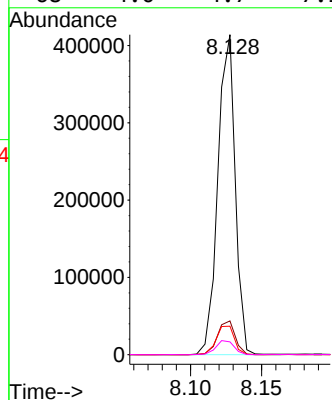
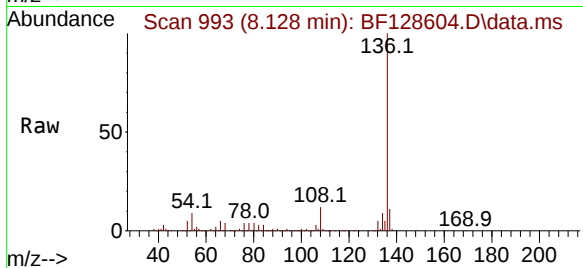




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

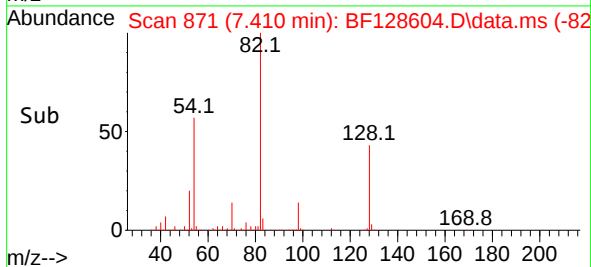
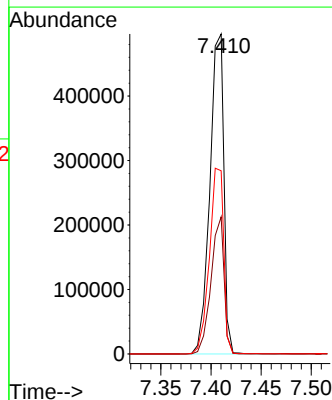
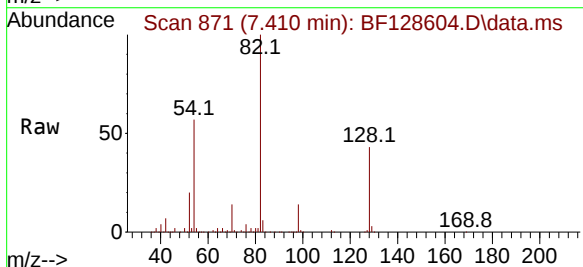
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

Tgt Ion:136 Resp: 351860
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.9 7.5 11.3
68 4.0 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 79.131 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion: 82 Resp: 482646
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 57.3 46.9 70.3

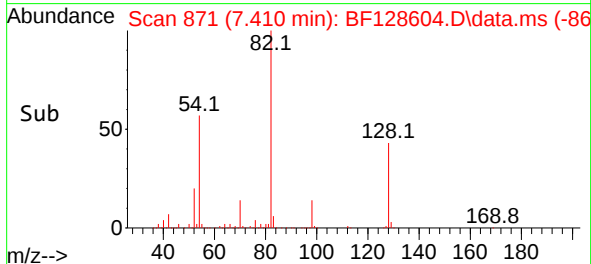
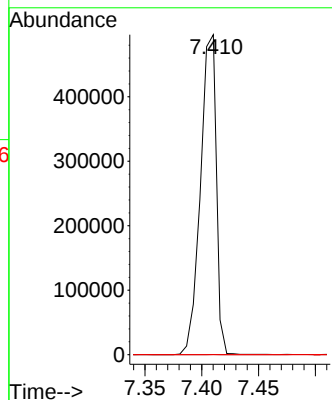
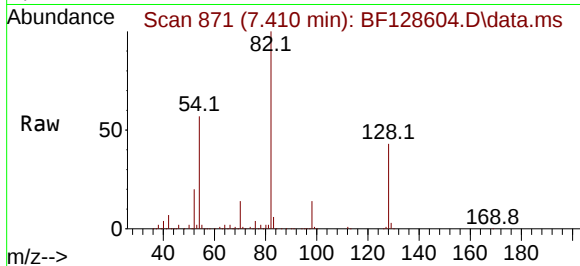




#25
Isophorone
Concen: 42.717 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

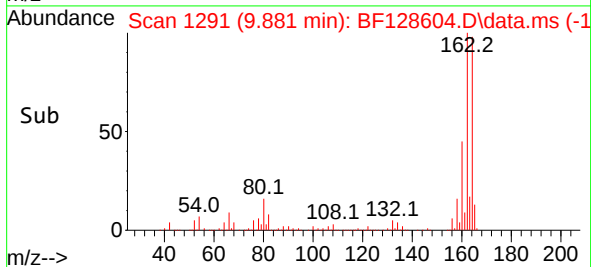
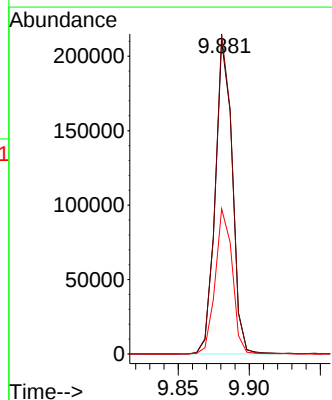
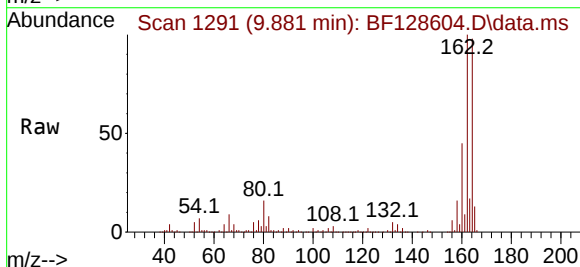
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

Tgt Ion: 82 Resp: 480635
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: 9.881 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:164 Resp: 174908
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 46.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 85.883 ng

RT: 10.681 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF128604.D

Acq: 31 May 2022 19:59

Instrument :

BNA_F

ClientSampleId :

P037-SS001-1218-02

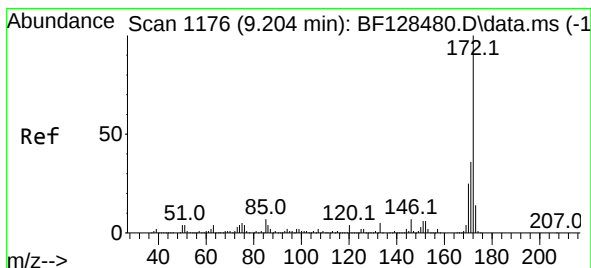
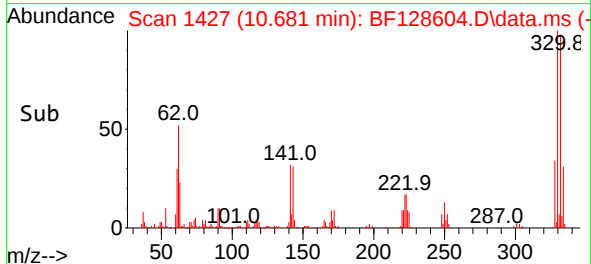
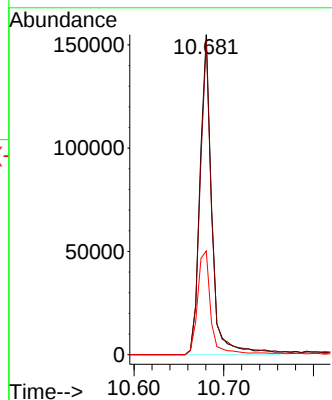
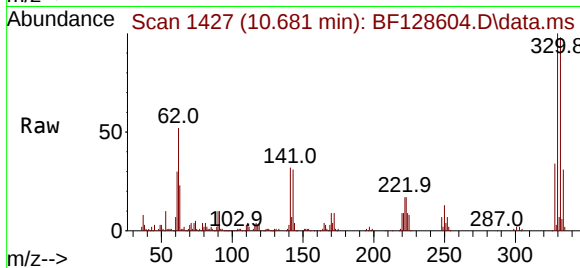
Tgt Ion:330 Resp: 142981

Ion Ratio Lower Upper

330 100

332 98.5 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.850 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128604.D

Acq: 31 May 2022 19:59

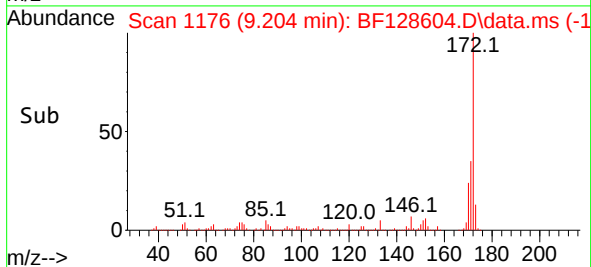
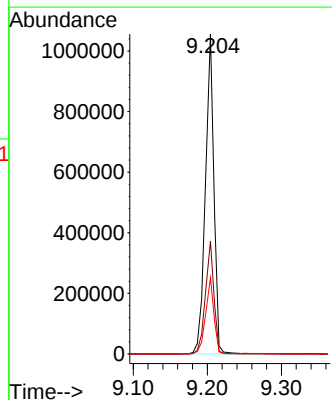
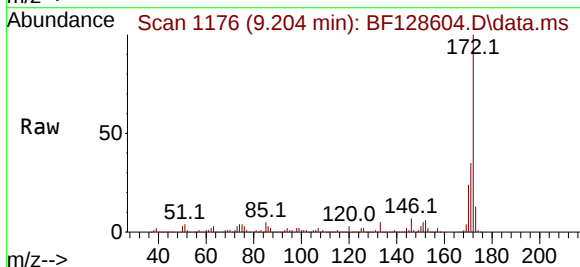
Tgt Ion:172 Resp: 848888

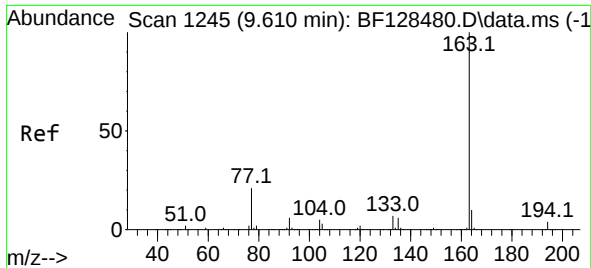
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.9 19.8 29.8

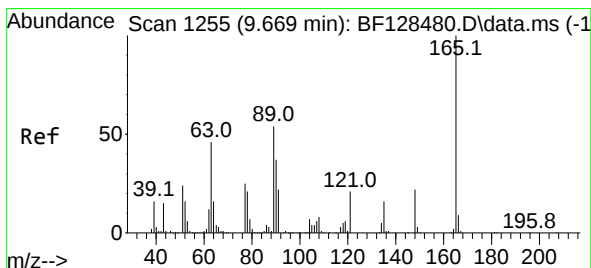
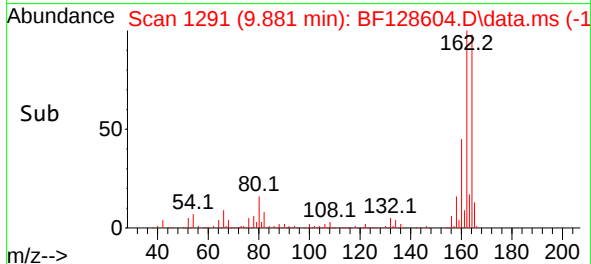
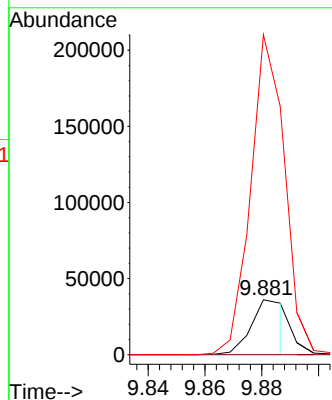
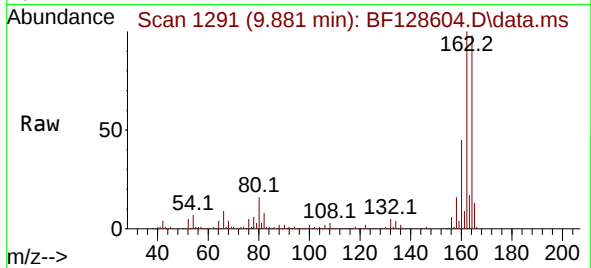




#50
Dimethylphthalate
Concen: 2.625 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.271 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

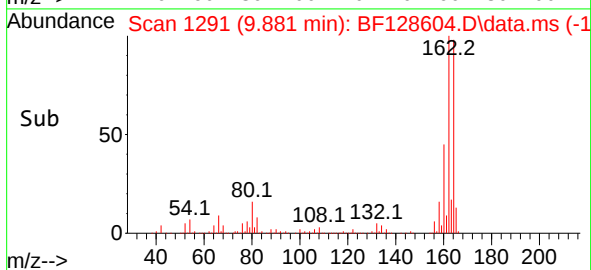
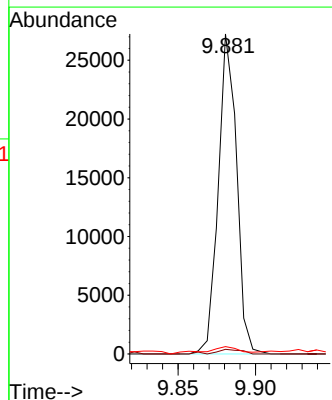
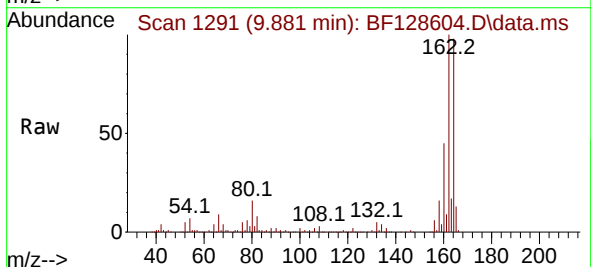
Instrument :
BNA_F
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P037-SS001-1218-02

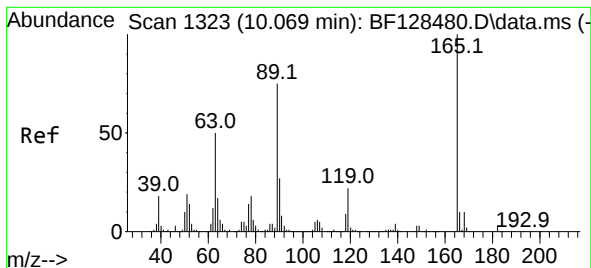
Tgt Ion:163 Resp: 29779
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 583.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.769 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:165 Resp: 22393
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 2.3 43.6 65.4#

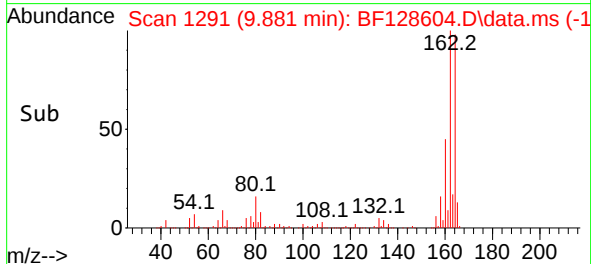
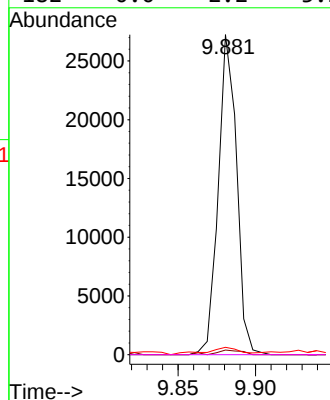
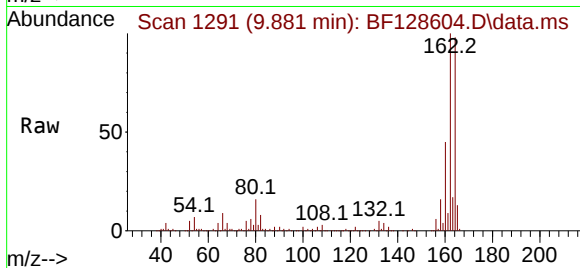




#57
2,4-Dinitrotoluene
Concen: 9.002 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.188 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

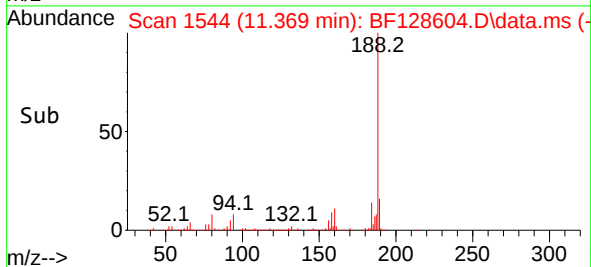
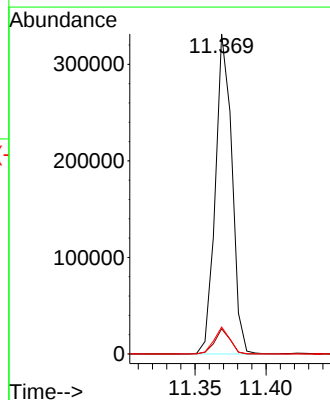
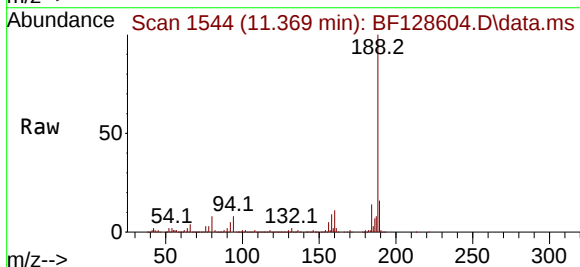
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

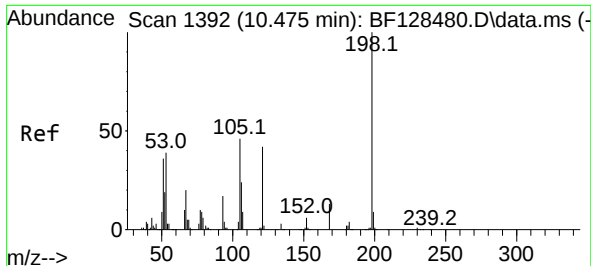
Tgt Ion:	165	Resp:	22393
Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.8	59.6#
89	2.3	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:	188	Resp:	269672
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.0	10.6
80	8.4	7.6	11.4

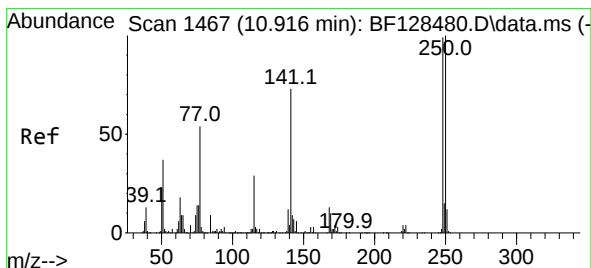
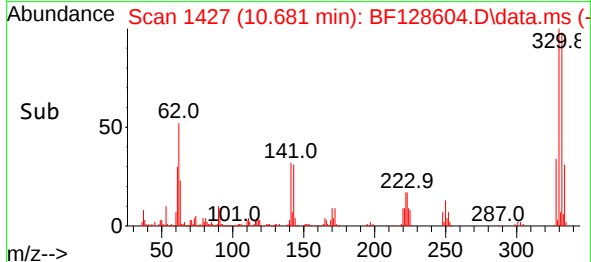
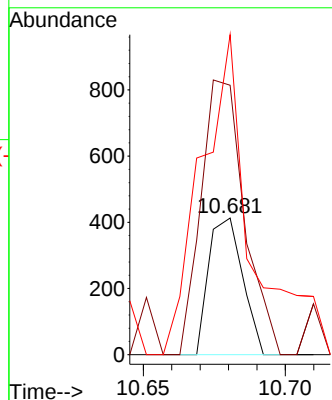
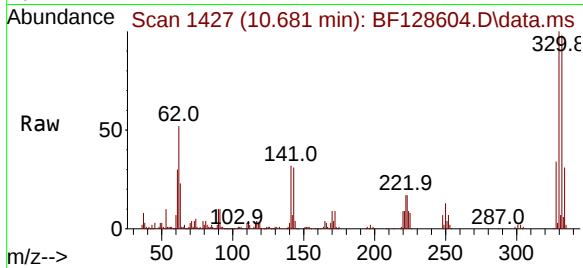




#65
4,6-Dinitro-2-methylphenol
Concen: 5.746 ng
RT: 10.681 min Scan# 1427
Delta R.T. 0.206 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

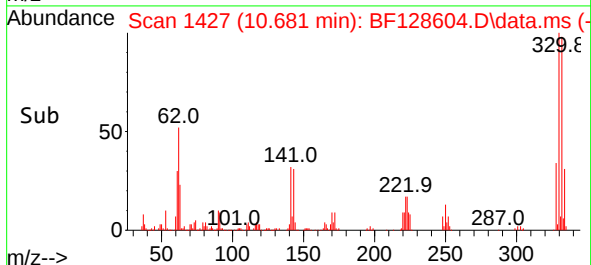
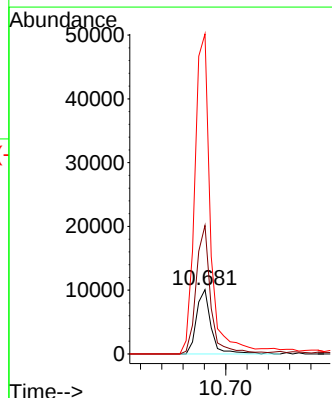
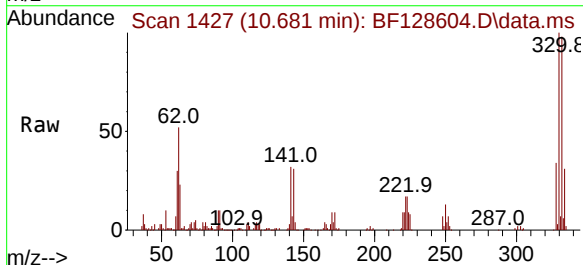
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

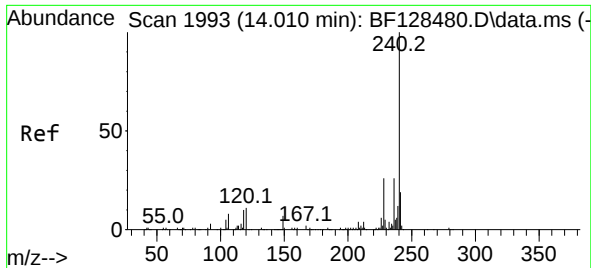
Tgt Ion:198 Resp: 343
Ion Ratio Lower Upper
198 100
51 197.1 37.6 77.6#
105 234.1 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.442 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.235 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:248 Resp: 9589
Ion Ratio Lower Upper
248 100
250 199.8 80.6 120.8#
141 497.4 58.9 88.3#

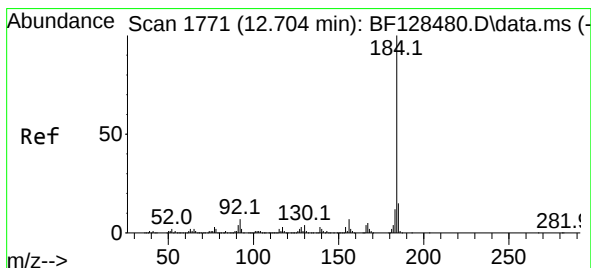
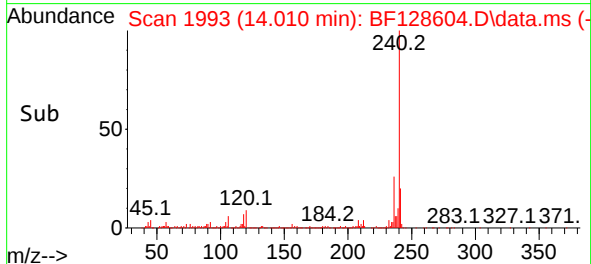
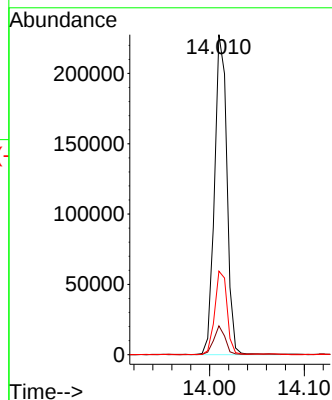
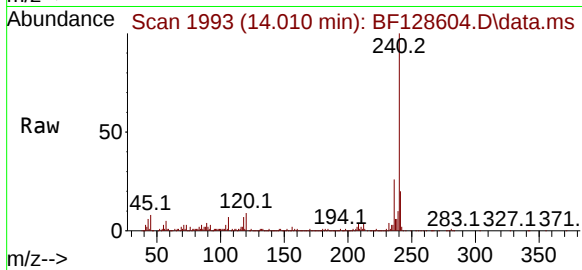




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

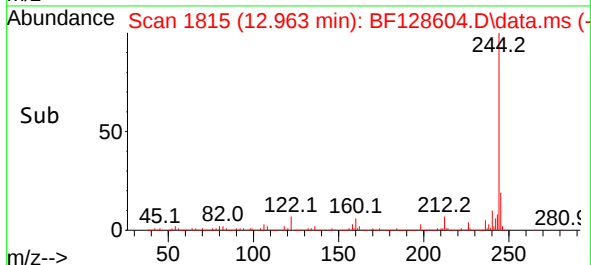
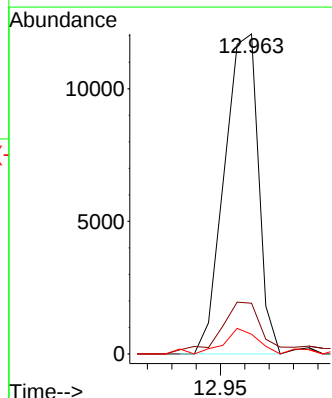
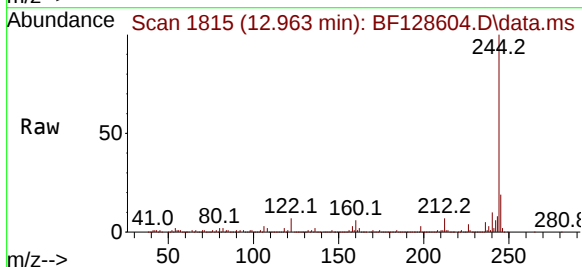
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1218-02

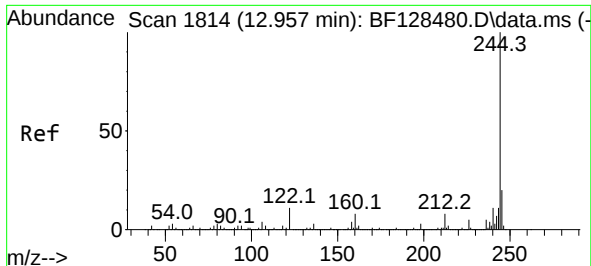
Tgt Ion:240 Resp: 207375
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.444 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128604.D
Acq: 31 May 2022 19:59

Tgt Ion:184 Resp: 11689
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.2 9.3 13.9#

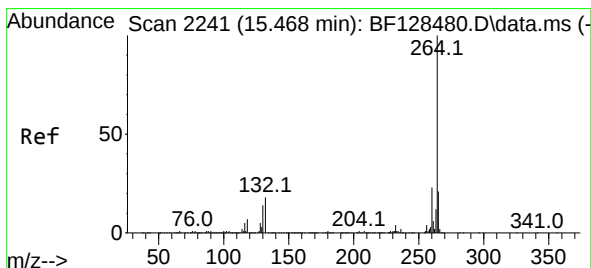
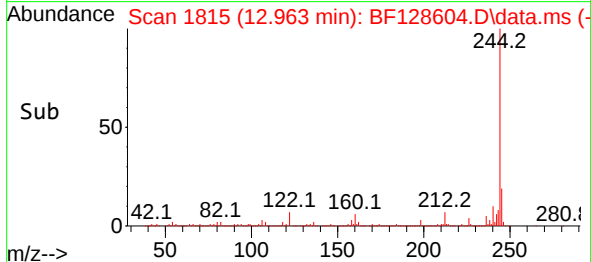
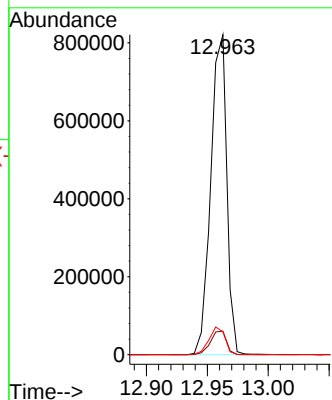
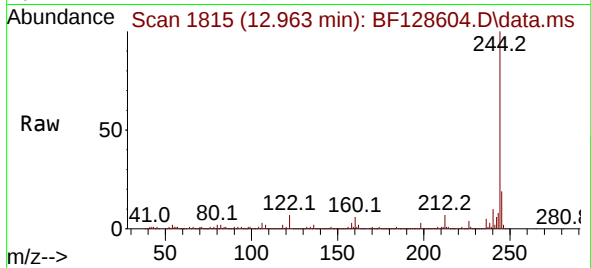




#79
 Terphenyl-d14
 Concen: 69.845 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128604.D
 Acq: 31 May 2022 19:59

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1218-02

Tgt Ion:244 Resp: 749711
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.018 min
 Lab File: BF128604.D
 Acq: 31 May 2022 19:59

Tgt Ion:264 Resp: 152452
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 20.7 17.2 25.8

