

Data File : BG044066.D
Acq On : 16 Jan 2020 13:25
Operator : JU
Sample : L1125-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Quant Time: Jan 17 06:39:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93981	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	372929	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	229636	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	501566	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	503672	20.00	ng	-0.02
87) Perylene-d12	24.67	264	572342	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	562409	109.88	ng	-0.02
7) Phenol-d6	7.11	99	767785	107.31	ng	-0.01
23) Nitrobenzene-d5	9.09	82	442538	63.48	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	268632	111.79	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	915160	72.20	ng	-0.02
79) Terphenyl-d14	19.93	244	1434581	63.97	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	18847	2.557	ng	88
19) n-Nitroso-di-n-propylamine	9.10	70	56971	10.692	ng	# 79
50) Dimethylphthalate	14.03	163	65579	4.022	ng	96
51) 2,6-Dinitrotoluene	14.57	165	29350	7.964	ng	# 27
57) 2,4-Dinitrotoluene	14.57	165	29350	5.853	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.06	198	924	4.715	ng	# 1
67) 4-Bromophenyl-phenylether	16.06	248	18961	3.361	ng	# 1

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

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ClientSampleId :
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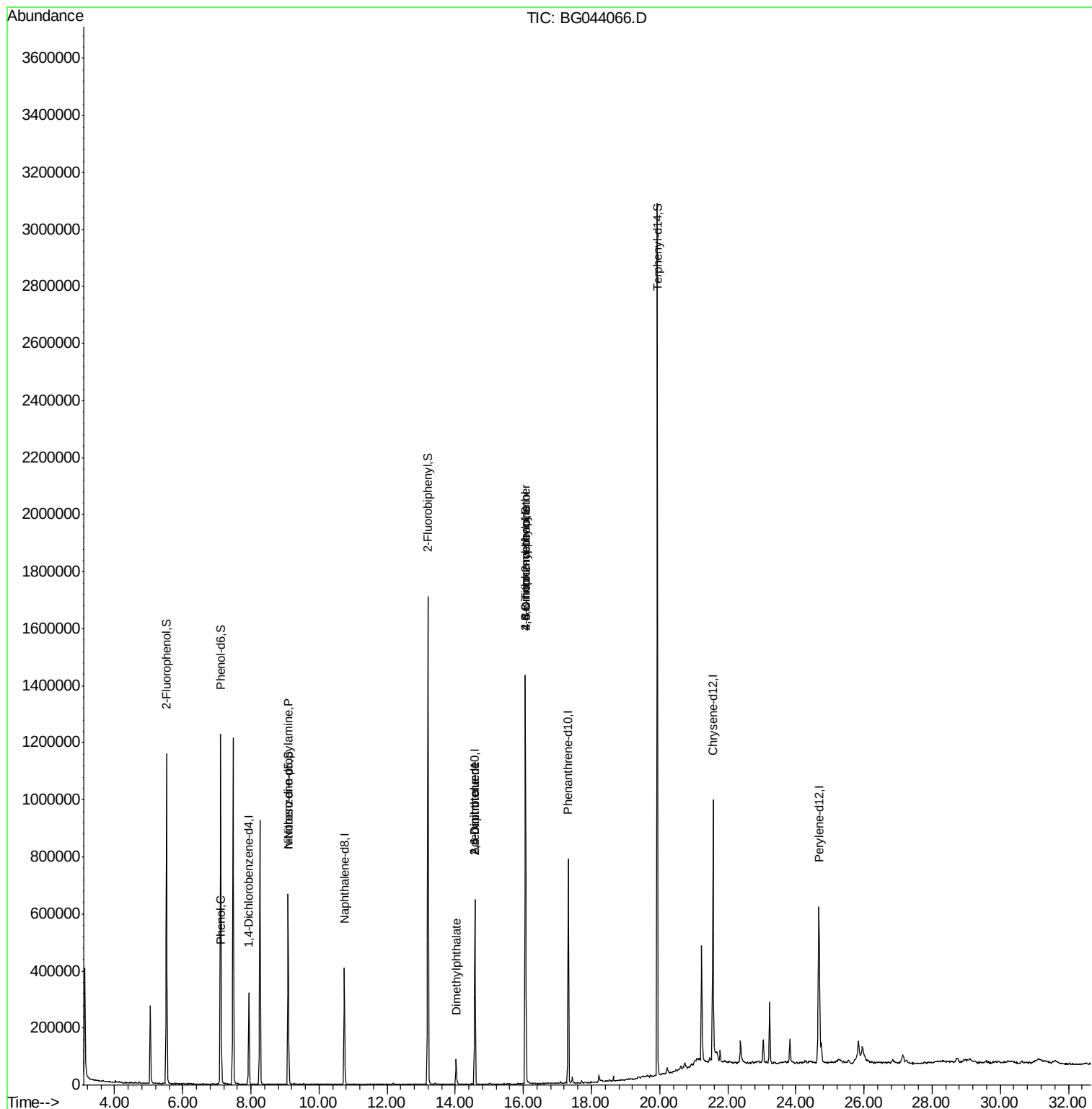
Quant Time: Jan 17 06:39:07 2020

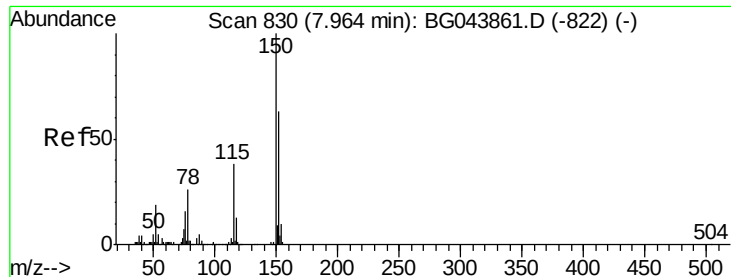
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



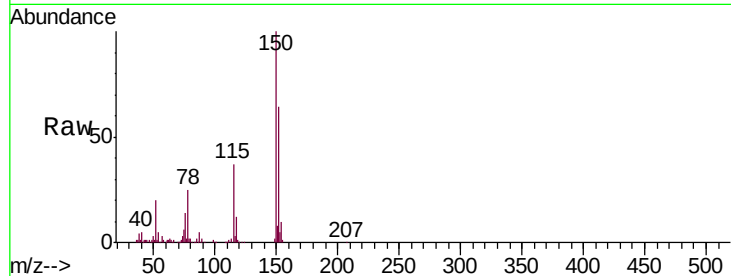


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.0	190.4
115	58.3	47.8	71.8

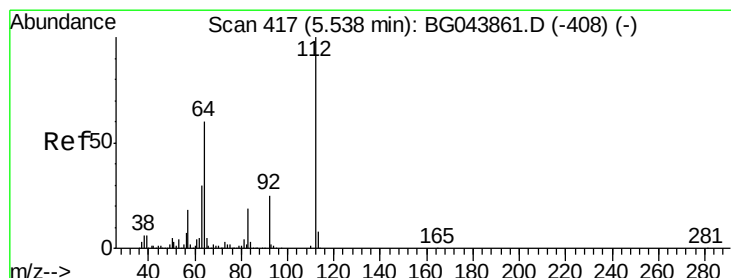
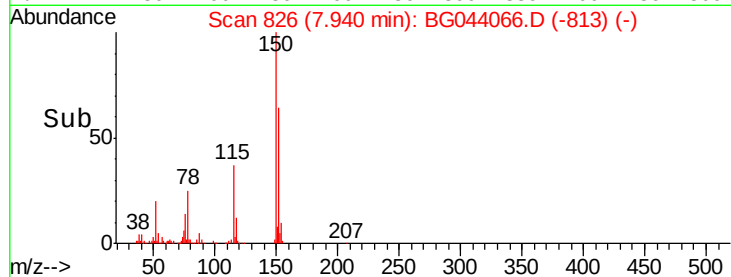
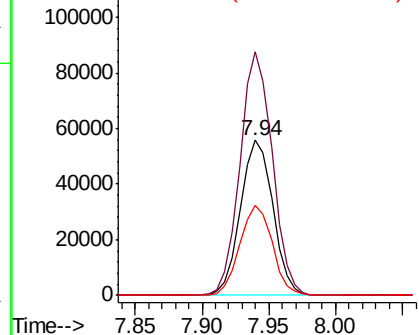


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

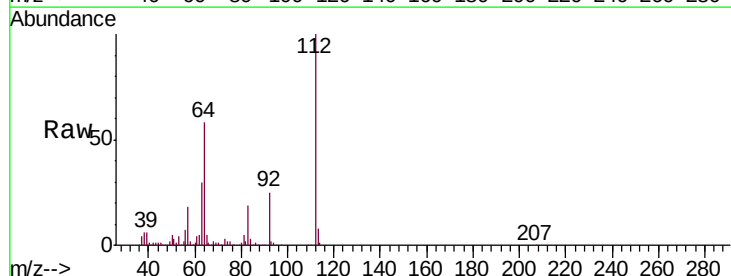
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.879 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.8	71.6
63	30.2	24.3	36.5

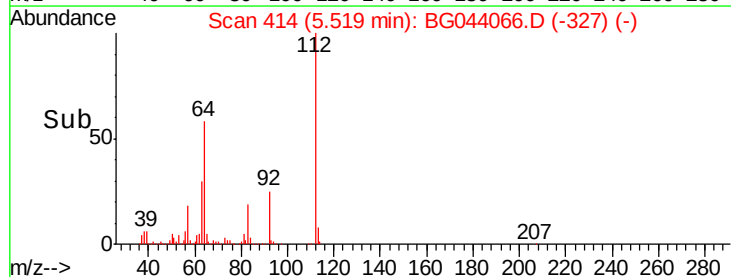
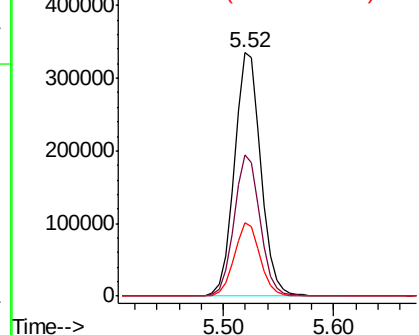


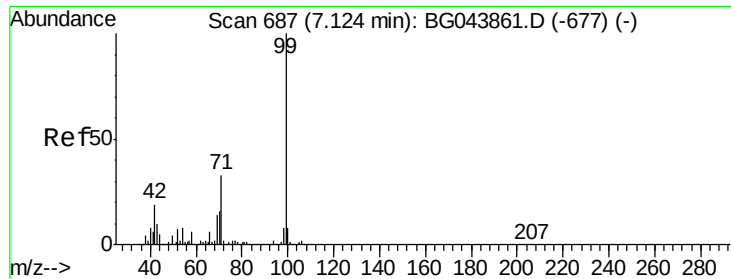
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.312 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044066.D

Acq: 16 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

FESB-28-(1.5-2)

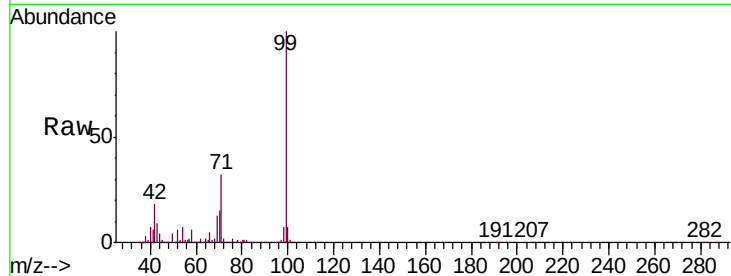
Tgt Ion: 99 Resp: 767785

Ion Ratio Lower Upper

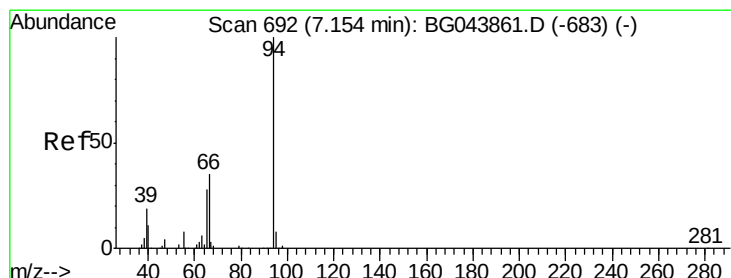
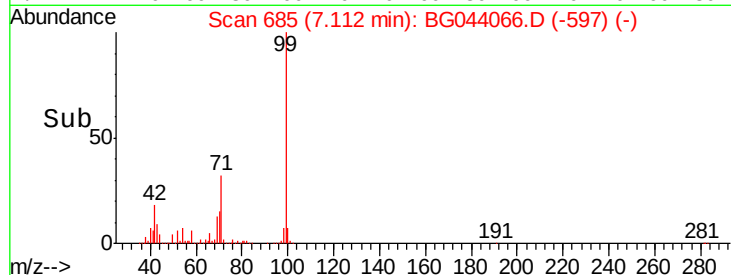
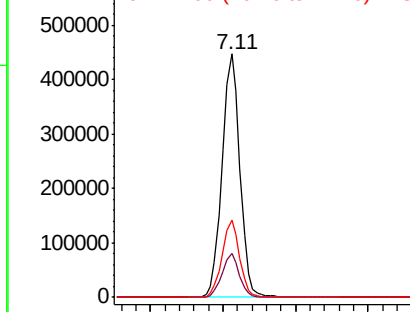
99 100

42 17.9 14.9 22.3

71 31.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.557 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044066.D

Acq: 16 Jan 2020 13:25

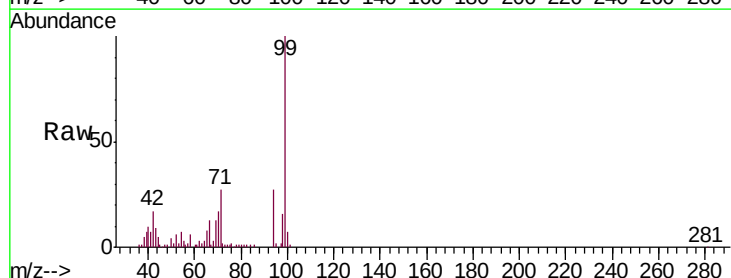
Tgt Ion: 94 Resp: 18847

Ion Ratio Lower Upper

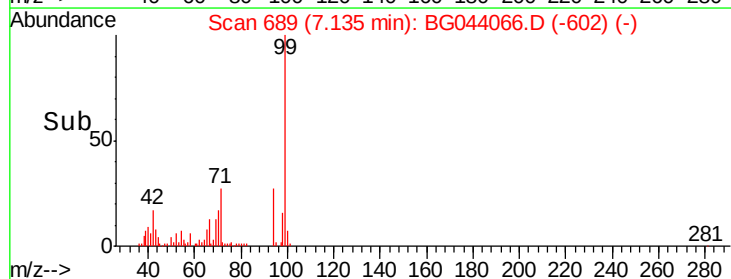
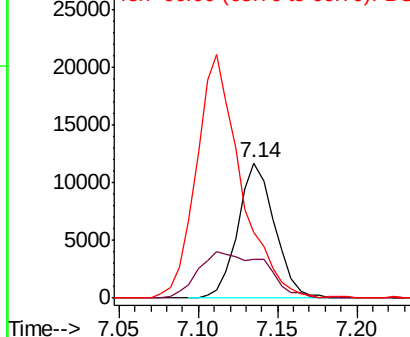
94 100

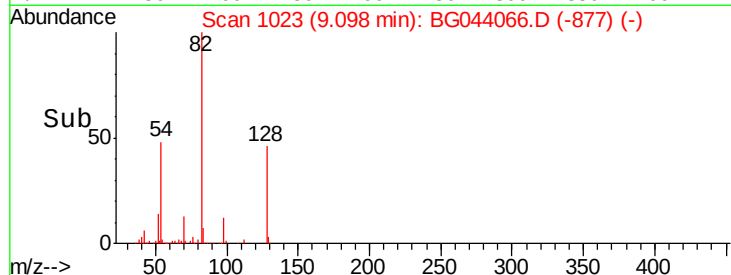
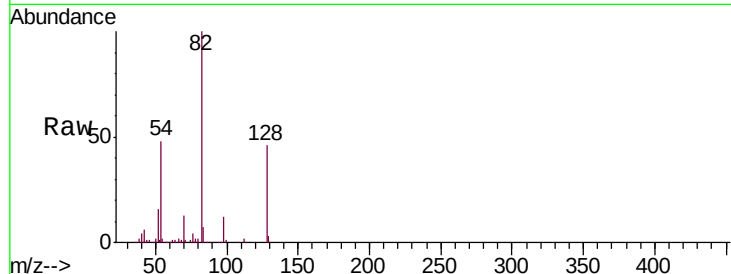
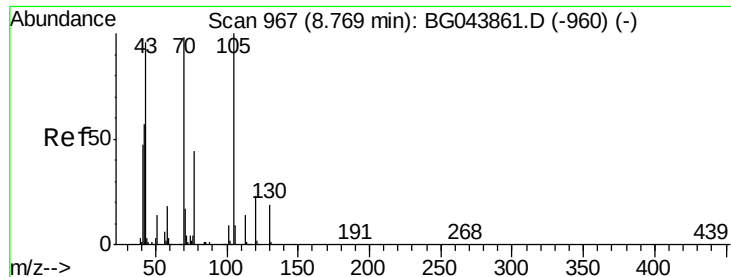
65 28.5 8.1 48.1

66 48.2 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

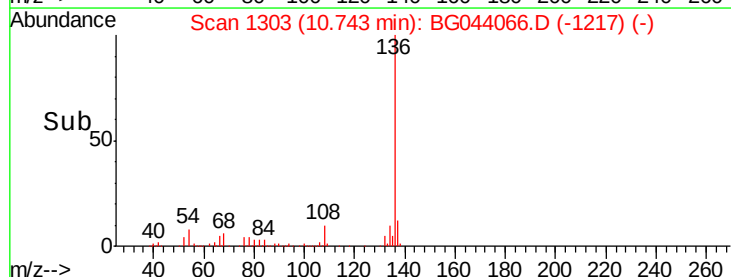
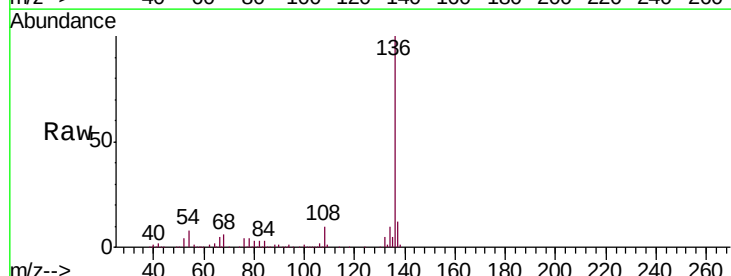
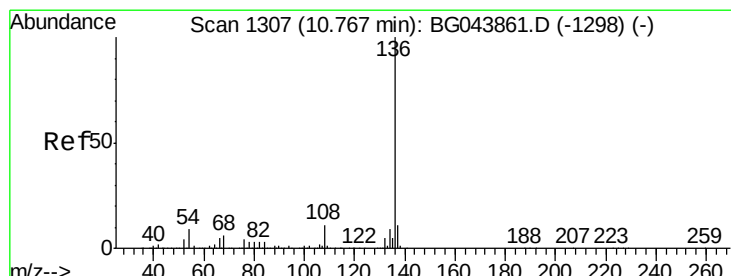
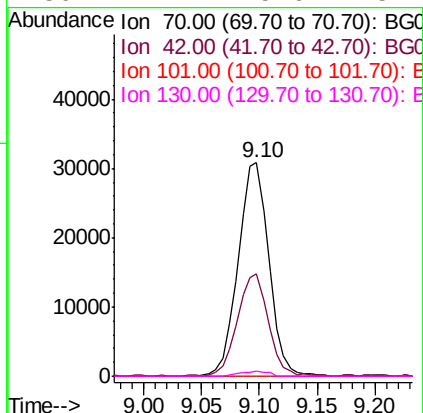




#19
n-Nitroso-di-n-propylamine
Concen: 10.692 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.33 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

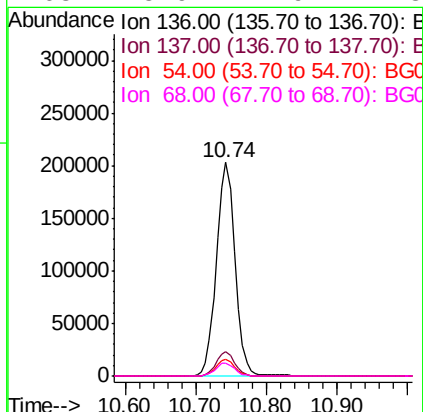
Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

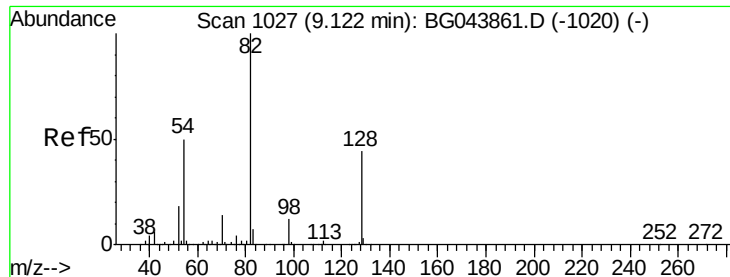
Tgt Ion:	70	Resp:	56971
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.0	70.4
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:	136	Resp:	372929
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.0	7.0	10.4
68	5.9	4.9	7.3

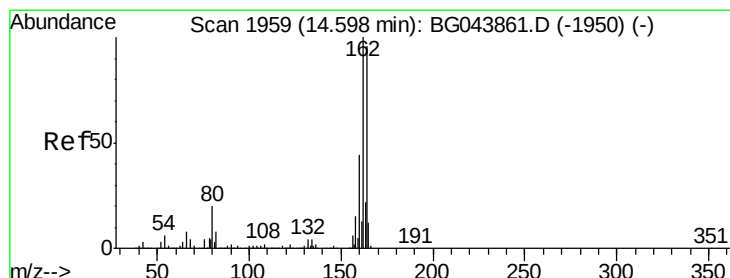
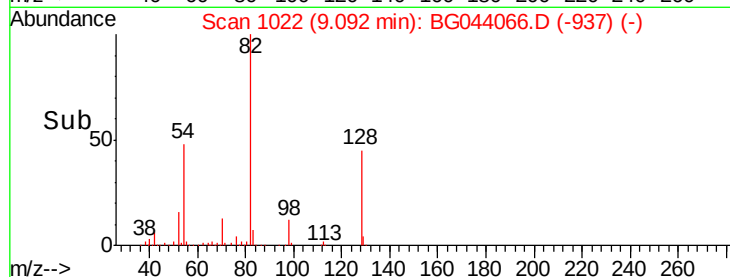
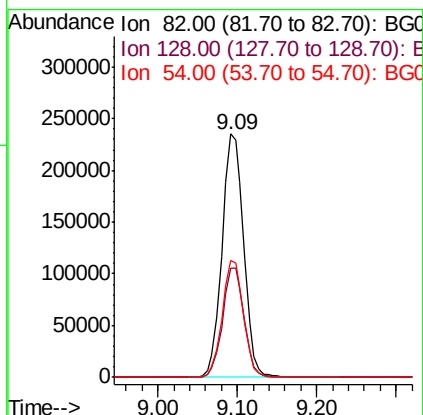
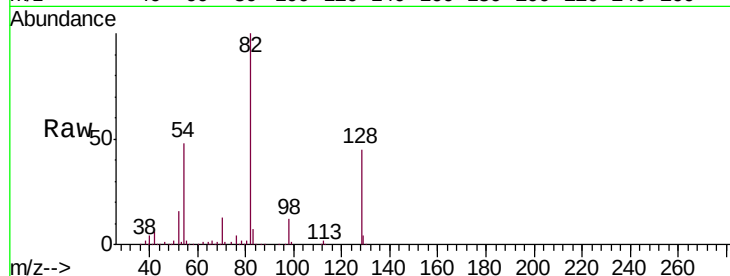




#23
 Nitrobenzene-d5
 Concen: 63.481 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

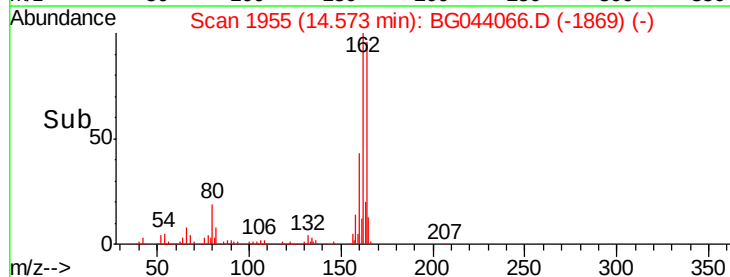
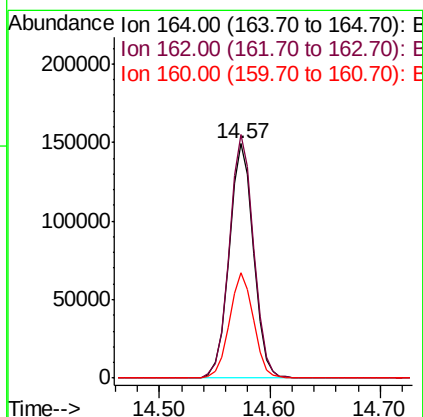
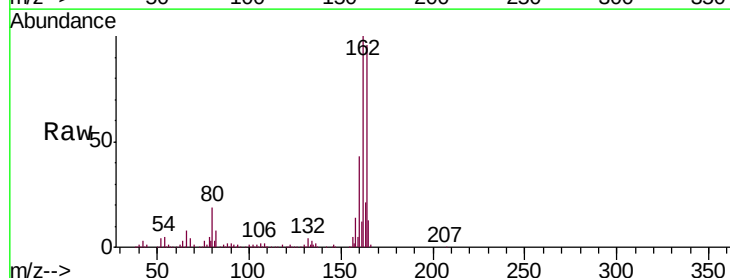
Instrument :
 BNA_G
 ClientSampleId :
 FESB-28-(1.5-2)

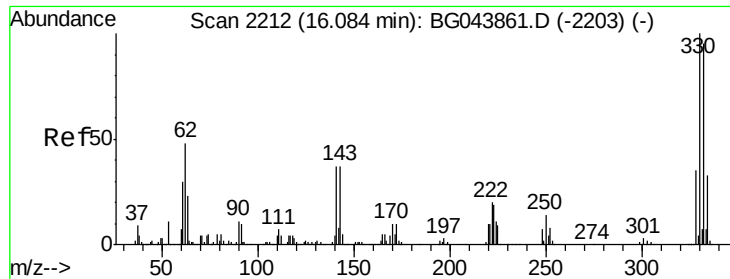
Tgt Ion: 82 Resp: 442538
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.1 52.7
 54 47.9 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Tgt Ion: 164 Resp: 229636
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.0 124.4
 160 45.0 36.1 54.1

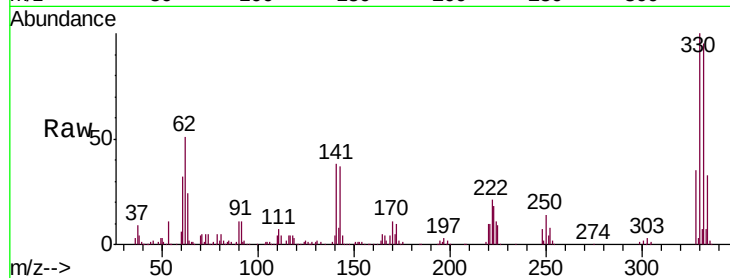




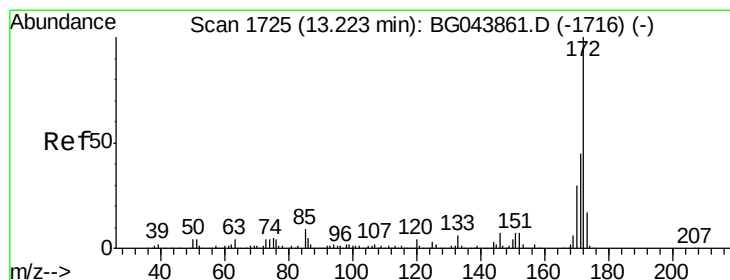
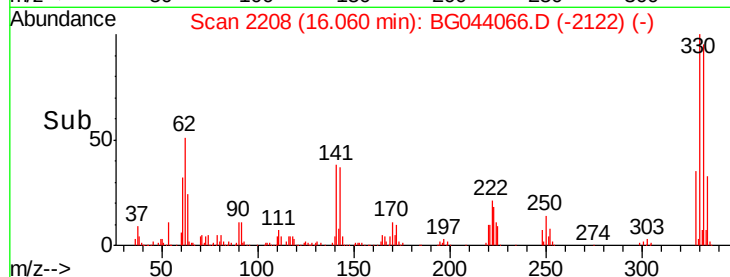
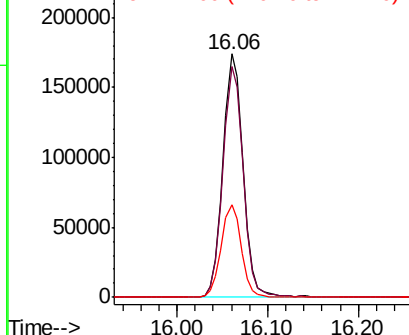
#42
 2,4,6-Tribromophenol
 Concen: 111.786 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Instrument :
 BNA_G
 ClientSampleId :
 FESB-28-(1.5-2)

Tgt Ion:330 Resp: 268632
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 38.0 33.1 49.7

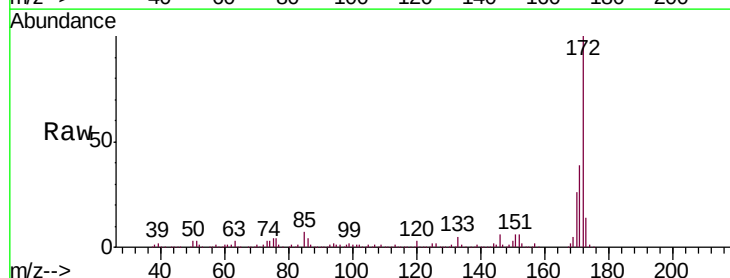


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

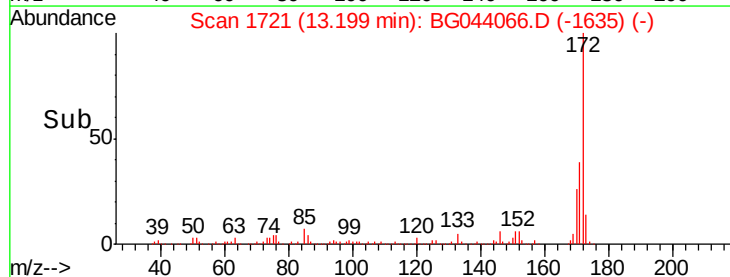
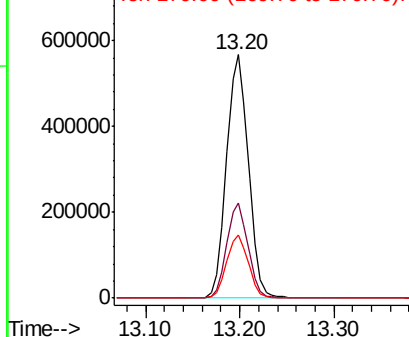


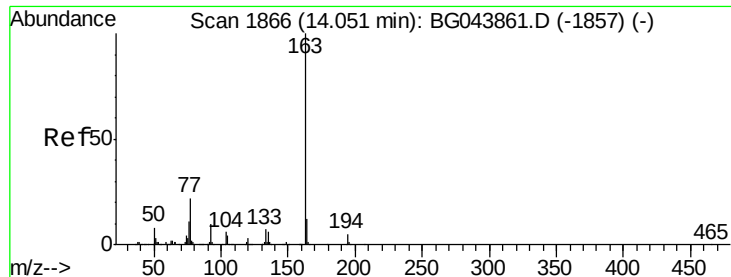
#45
 2-Fluorobiphenyl
 Concen: 72.204 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Tgt Ion:172 Resp: 915160
 Ion Ratio Lower Upper
 172 100
 171 39.2 35.8 53.8
 170 25.9 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.022 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044066.D

Acq: 16 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

FESB-28-(1.5-2)

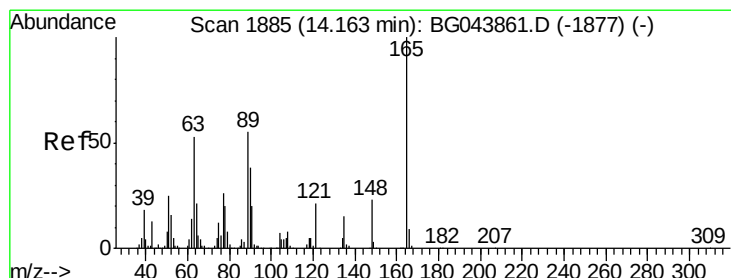
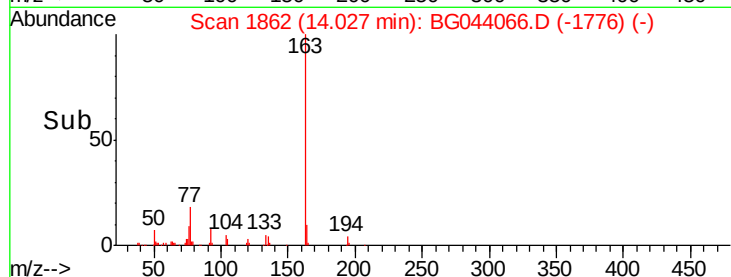
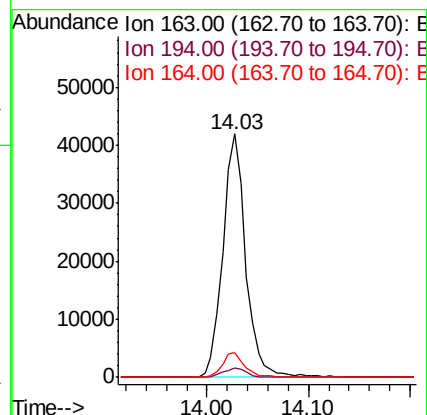
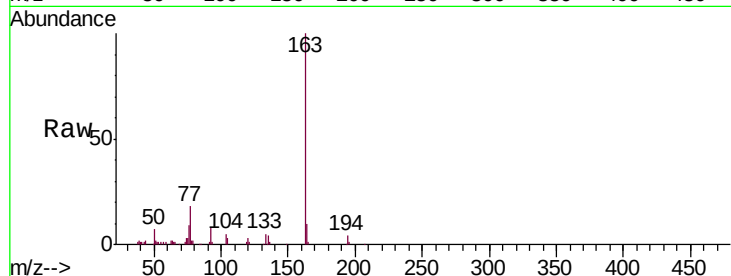
Tgt Ion:163 Resp: 65579

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

164 10.0 9.3 13.9



#51

2,6-Dinitrotoluene

Concen: 7.964 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.41 min

Lab File: BG044066.D

Acq: 16 Jan 2020 13:25

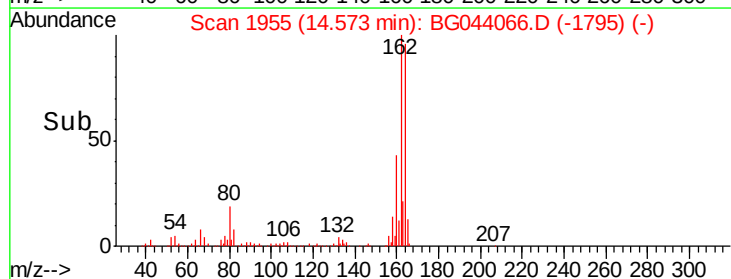
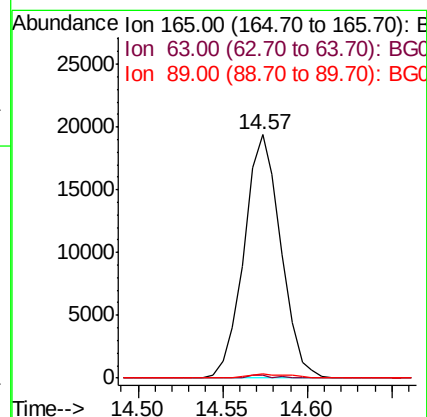
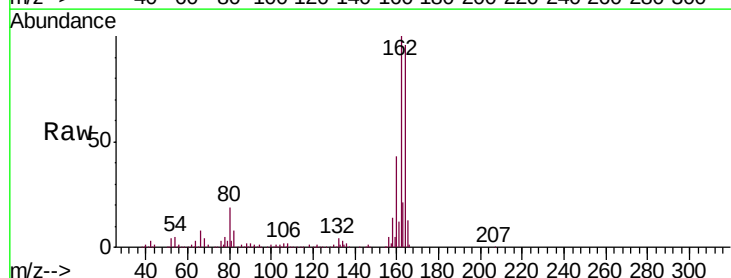
Tgt Ion:165 Resp: 29350

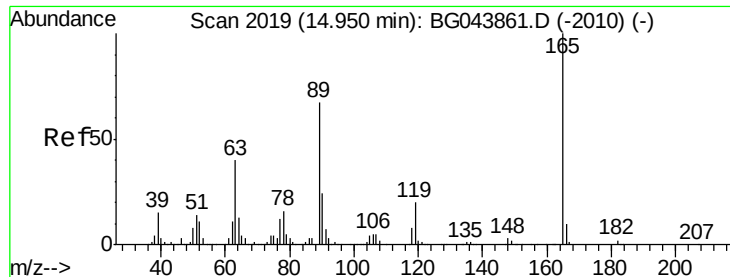
Ion Ratio Lower Upper

165 100

63 1.4 43.1 64.7#

89 1.7 43.8 65.6#

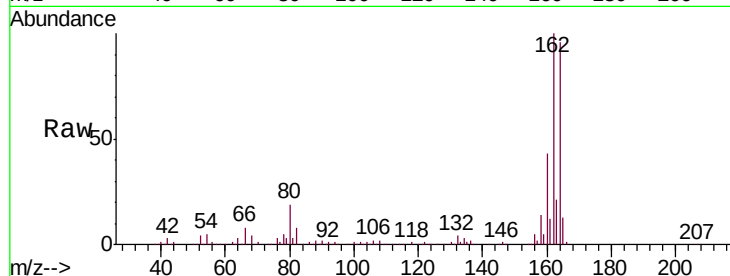




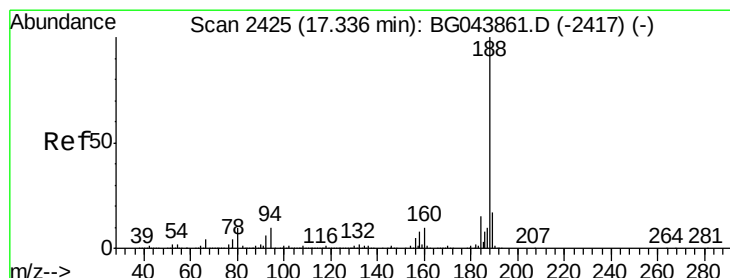
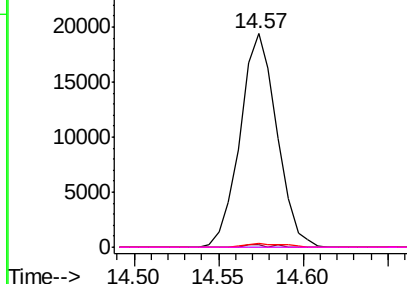
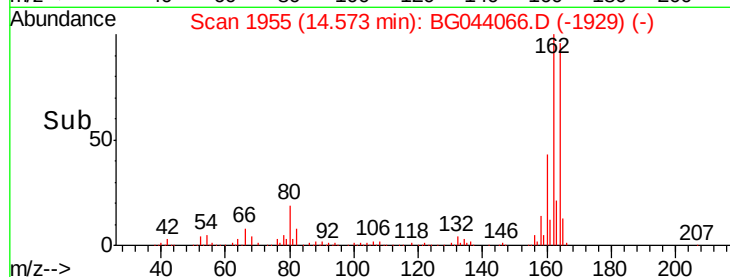
#57
 2,4-Dinitrotoluene
 Concen: 5.853 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.38 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Instrument :
 BNA_G
 ClientSampleId :
 FESB-28-(1.5-2)

Tgt Ion:	165	Resp:	29350
Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#

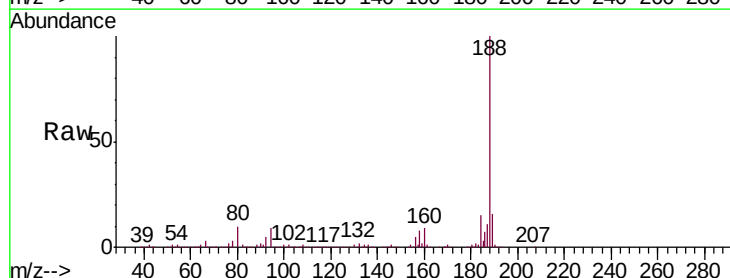


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

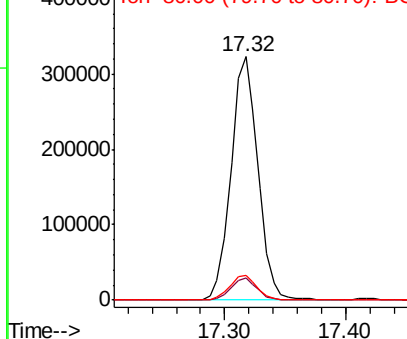
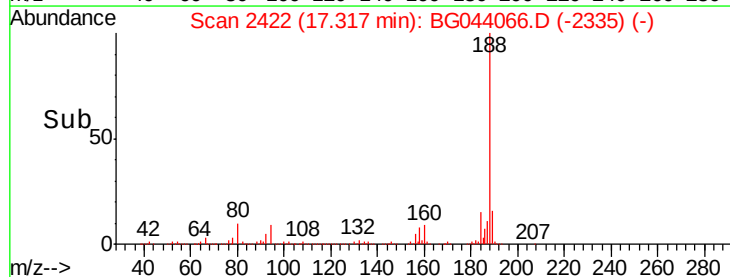


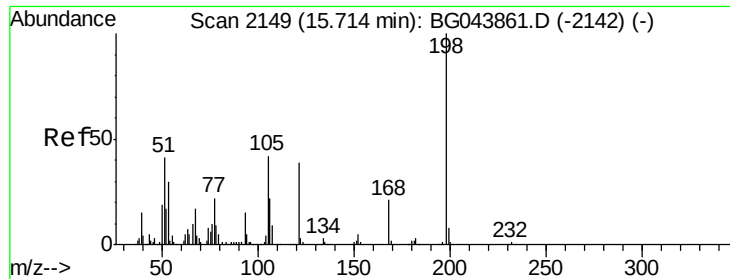
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.02 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Tgt Ion:	188	Resp:	501566
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.9	8.2	12.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

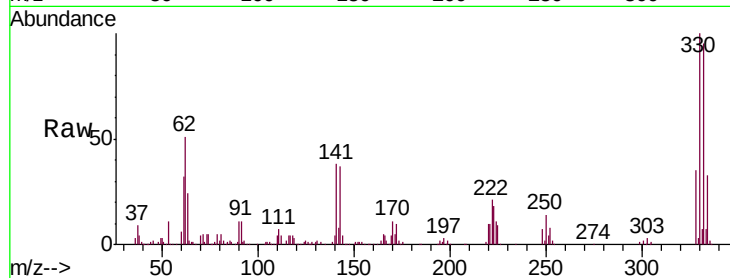




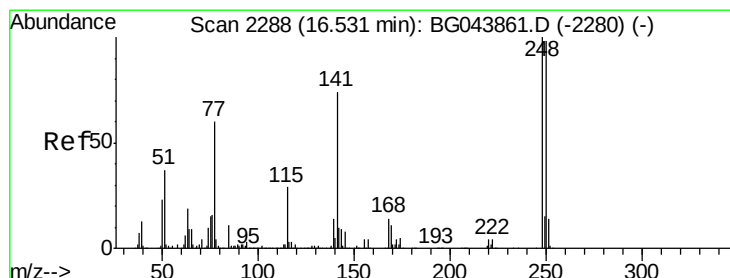
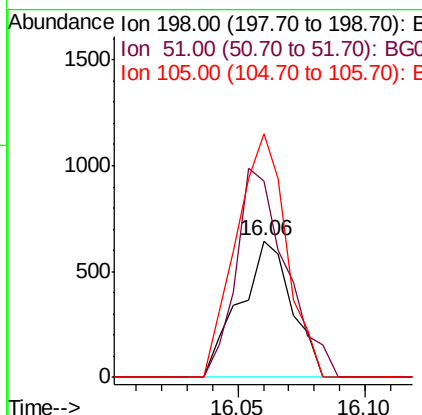
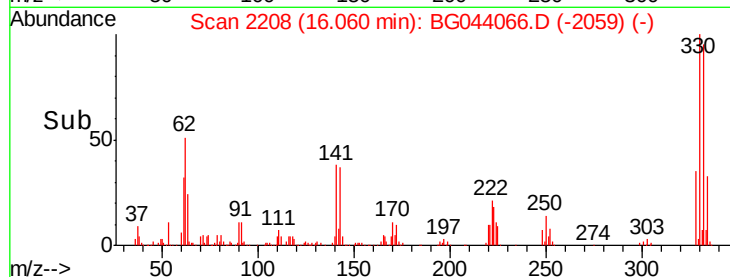
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.715 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. 0.35 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Instrument :
 BNA_G
 ClientSampleId :
 FESB-28-(1.5-2)

Tgt Ion:198 Resp: 924
 Ion Ratio Lower Upper
 198 100
 51 143.4 22.5 62.5#
 105 178.4 22.3 62.3#

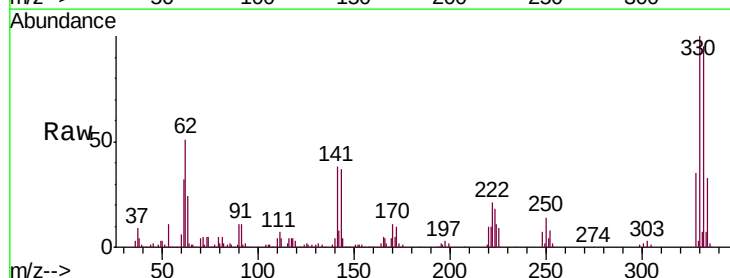


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

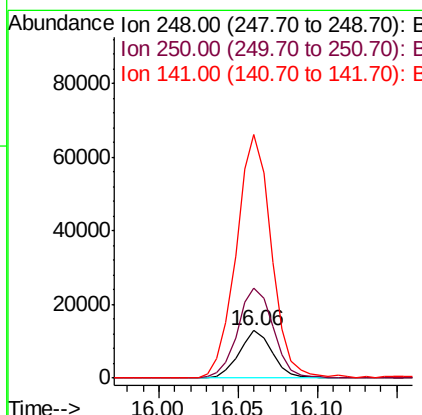
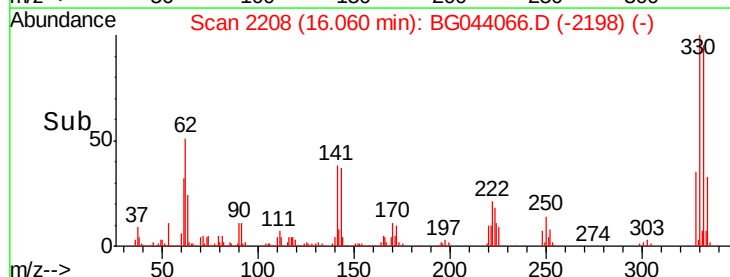


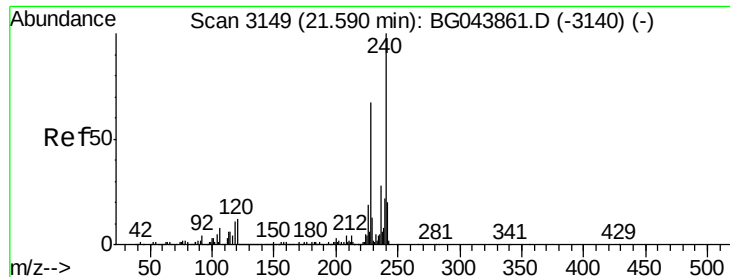
#67
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.47 min
 Lab File: BG044066.D
 Acq: 16 Jan 2020 13:25

Tgt Ion:248 Resp: 18961
 Ion Ratio Lower Upper
 248 100
 250 188.1 78.2 117.2#
 141 510.6 59.3 88.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

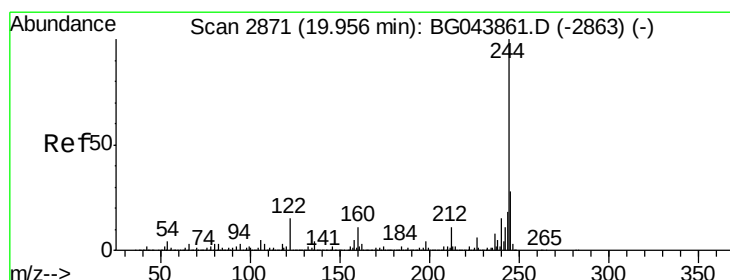
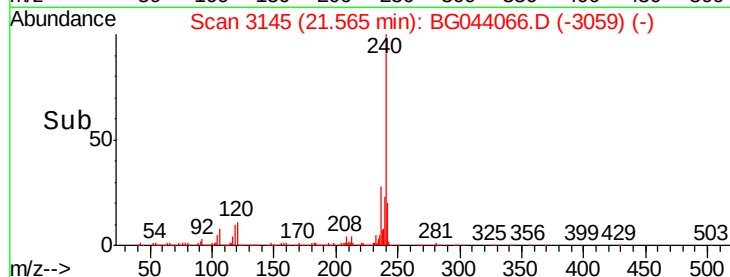
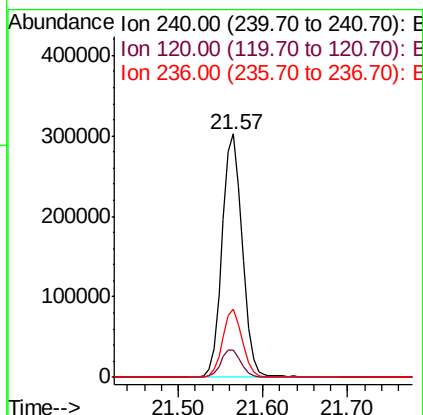
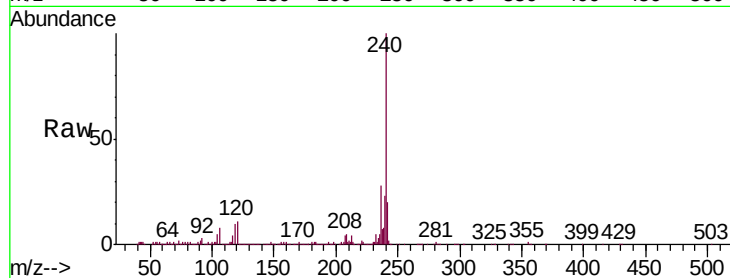




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

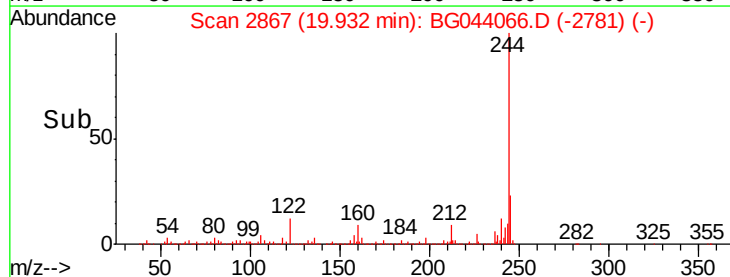
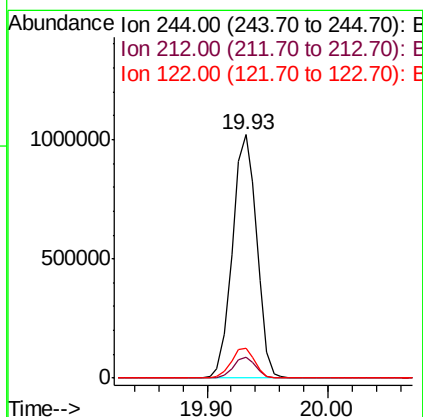
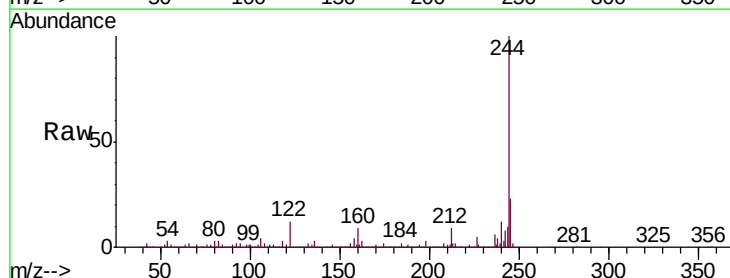
Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

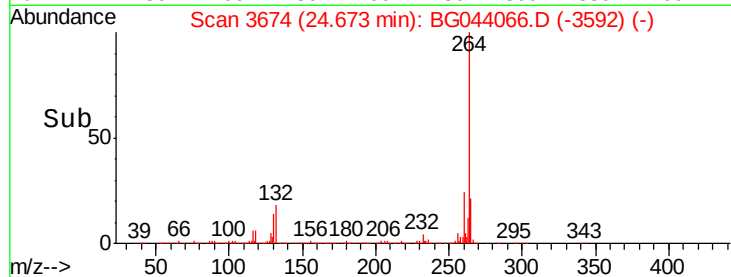
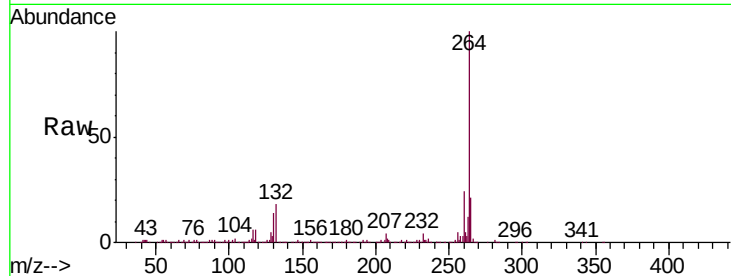
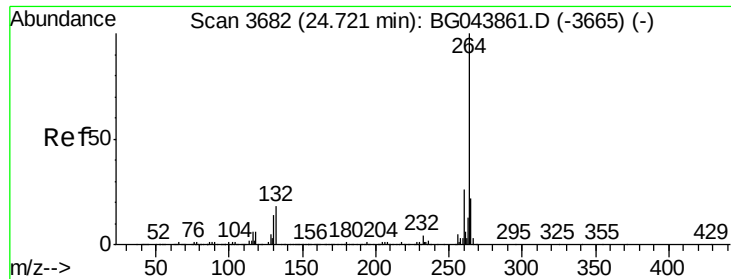
Tgt Ion:240 Resp: 503672
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 28.0 22.2 33.2



#79
Terphenyl-d14
Concen: 63.968 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:244 Resp: 1434581
Ion Ratio Lower Upper
244 100
212 8.7 8.6 13.0
122 12.1 11.9 17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:	264	Resp:	572342
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.5	17.4	26.2

