

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043761.D
 Acq On : 23 Nov 2019 18:20
 Operator : JU
 Sample : K5972-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25441-26560

Quant Time: Nov 25 03:08:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

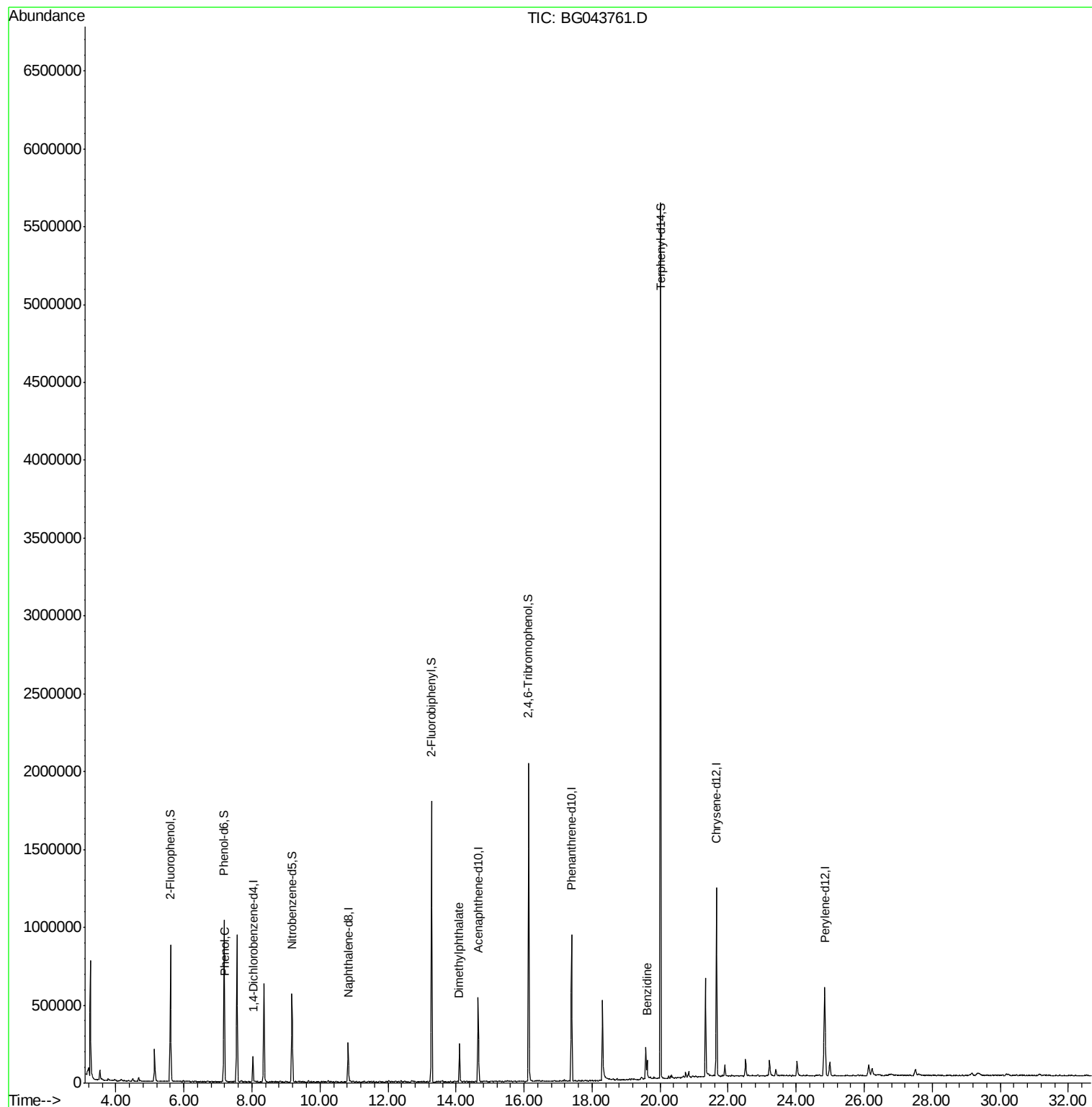
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48332	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	227050	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	191930	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	589123	20.00	ng	0.00
76) Chrysene-d12	21.66	240	682725	20.00	ng	0.00
87) Perylene-d12	24.84	264	585062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	412979	153.61	ng	0.00
7) Phenol-d6	7.18	99	618493	158.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	337271	81.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	371680	160.56	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	938914	80.41	ng	0.00
79) Terphenyl-d14	20.01	244	2427232	80.33	ng	0.00
Target Compounds						
10) Phenol	7.20	94	12623	3.146	ng	80
50) Dimethylphthalate	14.10	163	165178	10.864	ng	98
77) Benzidine	19.62	184	55891	2.803	ng	98

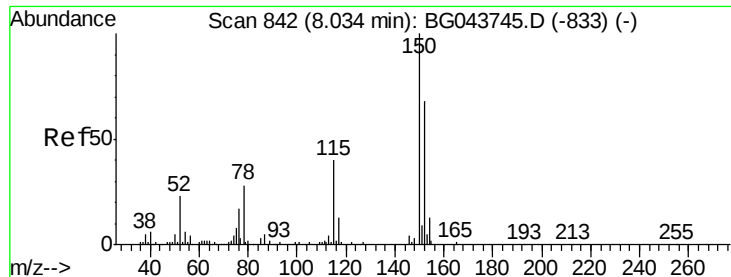
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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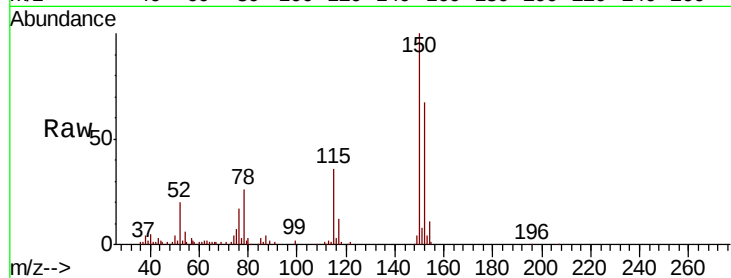


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Instrument :
BNA_G
ClientSampleId :
25441-26560

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	117.8	176.8
115	54.0	47.0	70.4

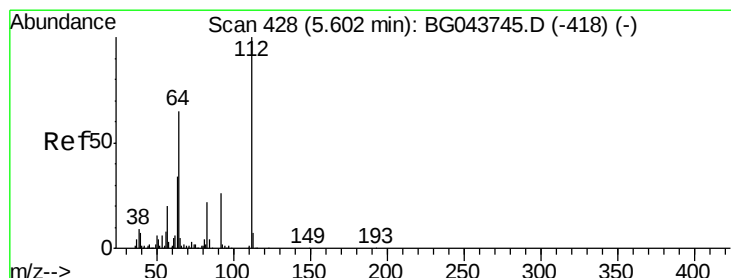
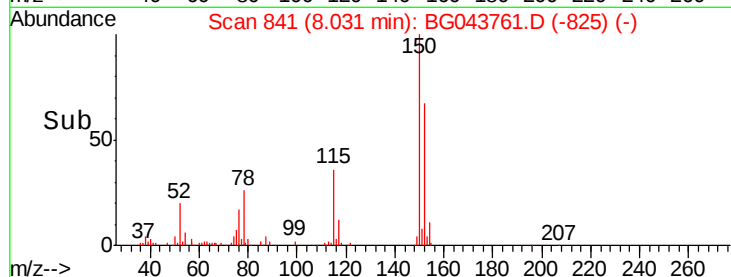
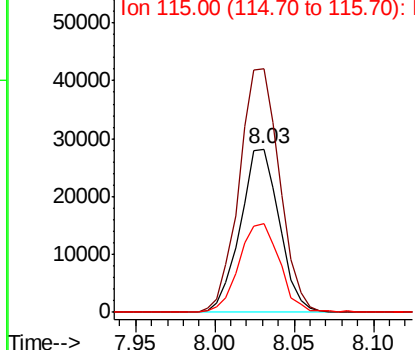


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

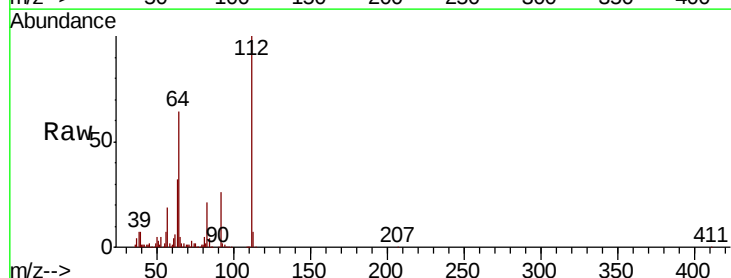
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 153.614 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.7	77.5
63	31.9	26.8	40.2

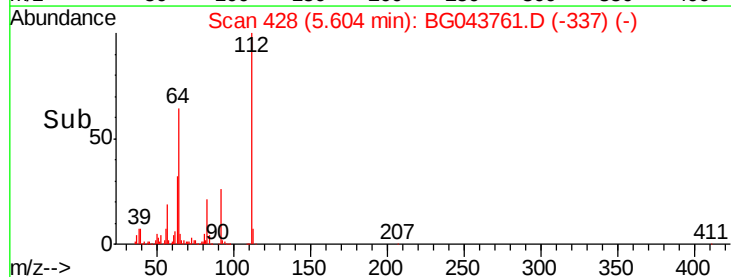
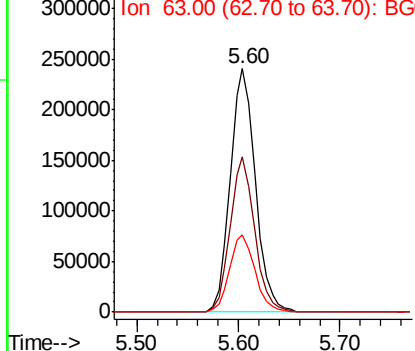


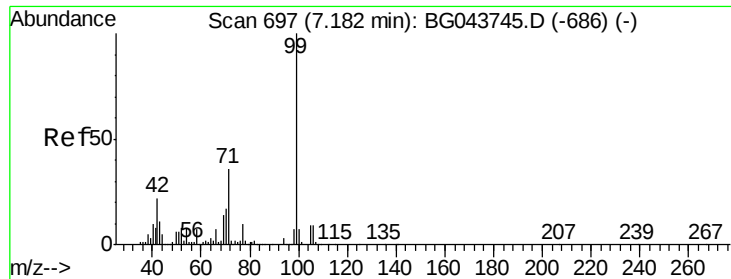
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 158.260 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

Instrument :

BNA_G

ClientSampleId :

25441-26560

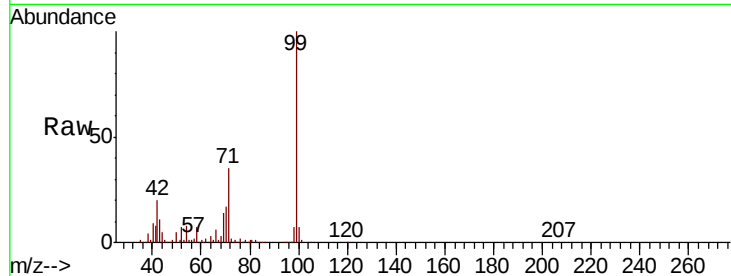
Tot Ion: 99 Resp: 618493

Ion Ratio Lower Upper

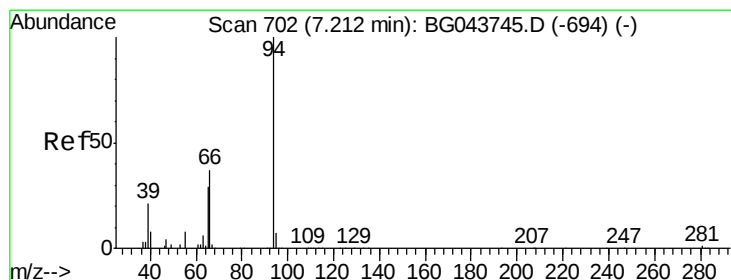
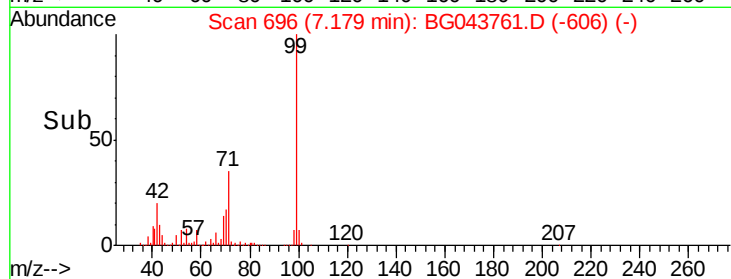
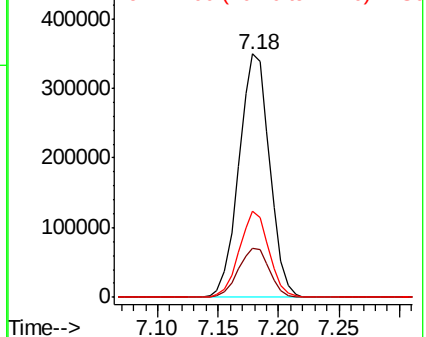
99 100

42 20.3 17.4 26.0

71 35.2 29.5 44.3



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: 3.146 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

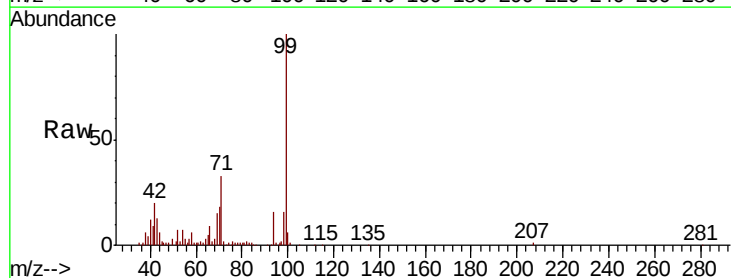
Tgt Ion: 94 Resp: 12623

Ion Ratio Lower Upper

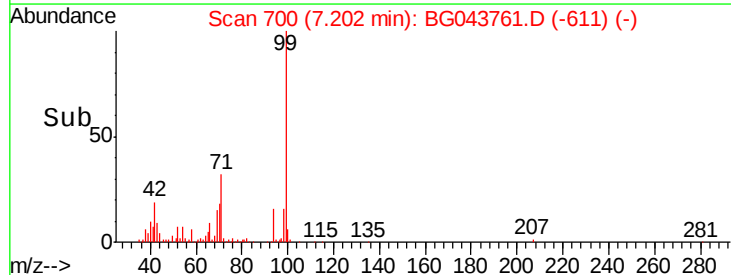
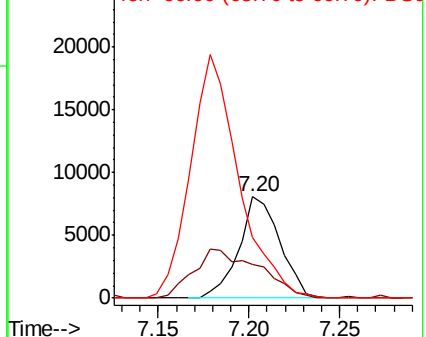
94 100

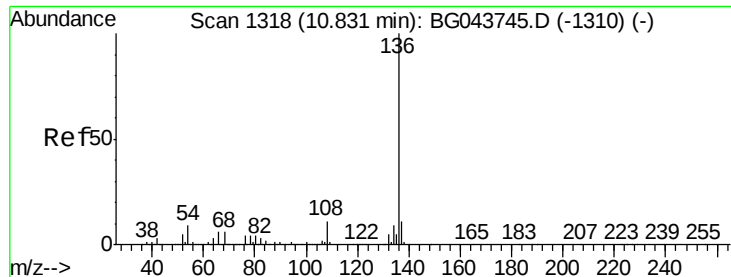
65 33.3 10.3 50.3

66 60.0 20.5 60.5



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

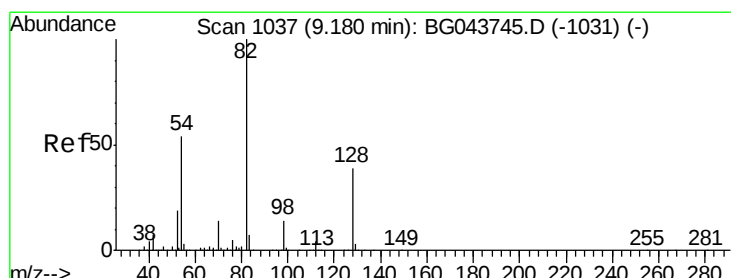
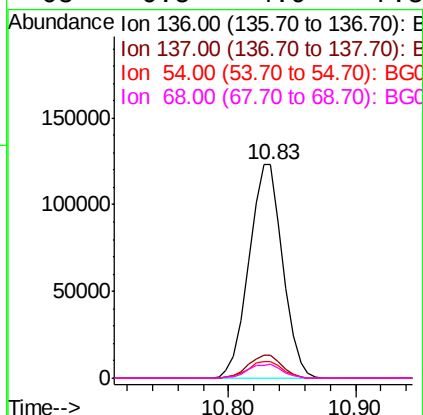
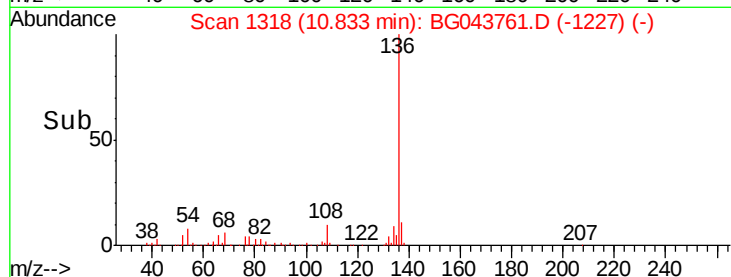
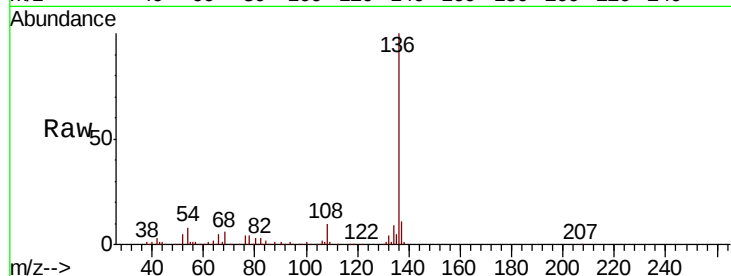




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

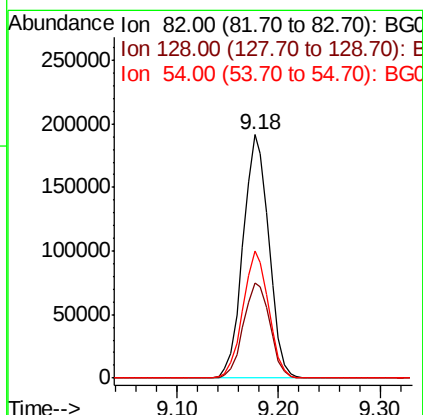
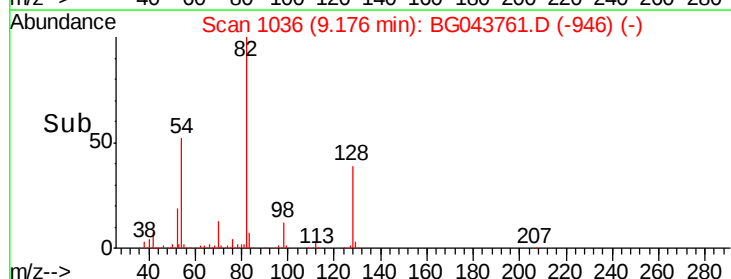
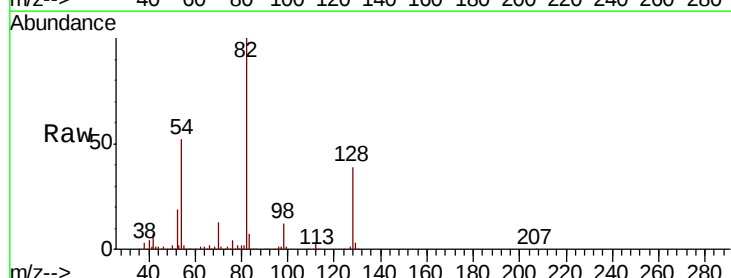
Instrument :
BNA_G
ClientSampleId :
25441-26560

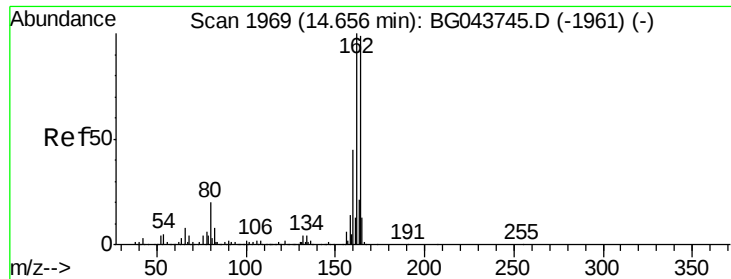
Tot Ion:136	Resp:	227050
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.7	7.5	11.3
68 6.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 81.674 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Tgt	Ion: 82	Resp:	337271
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	52.0	42.7	64.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

Instrument :

BNA_G

ClientSampleId :

25441-26560

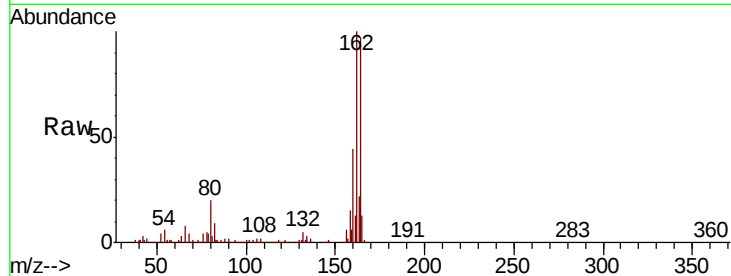
Tot Ion:164 Resp: 191930

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

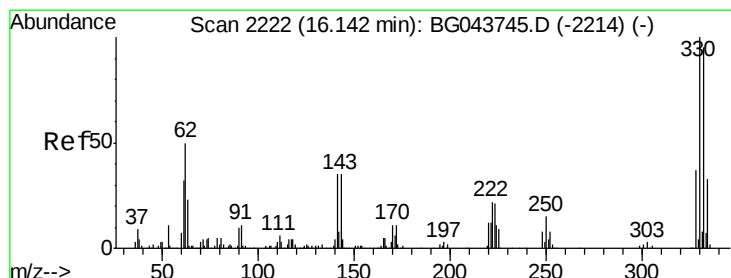
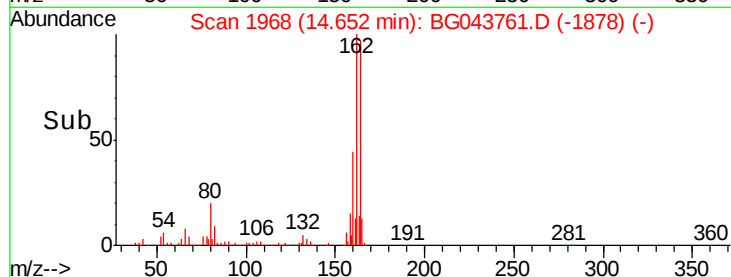
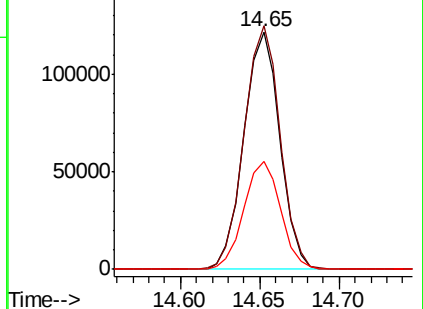
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 160.555 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

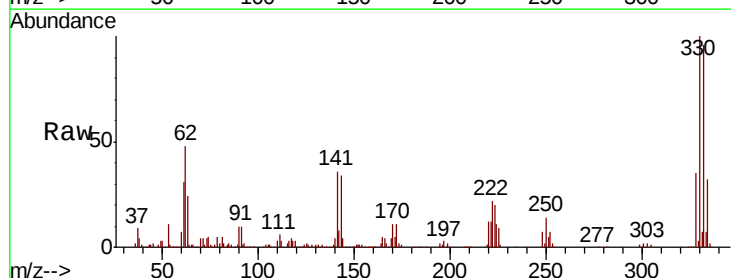
Tgt Ion:330 Resp: 371680

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

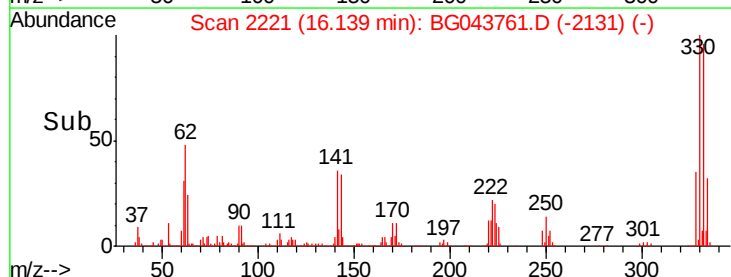
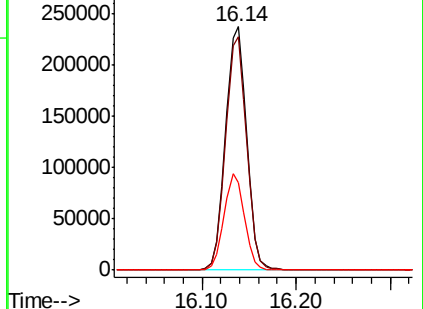
141 38.6 31.4 47.2

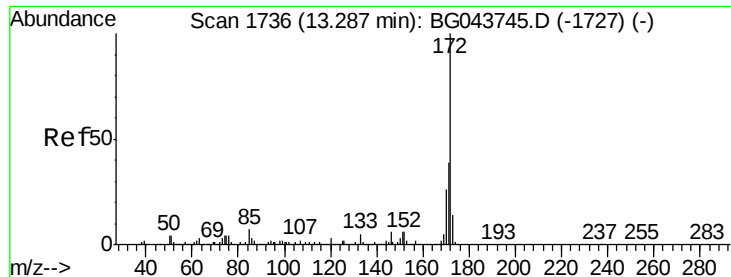


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

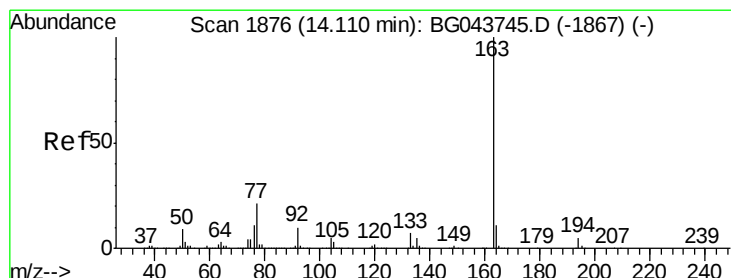
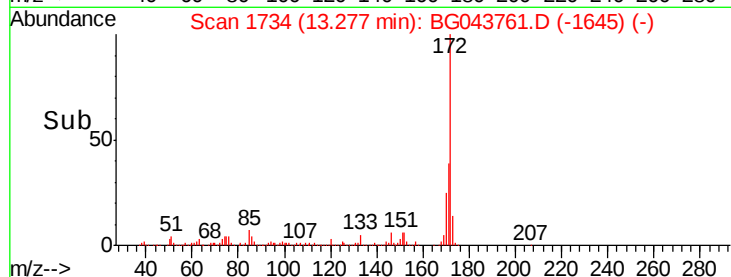
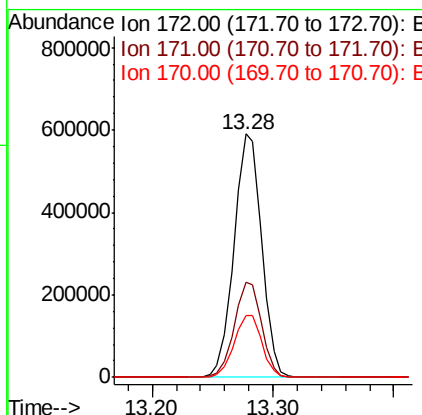
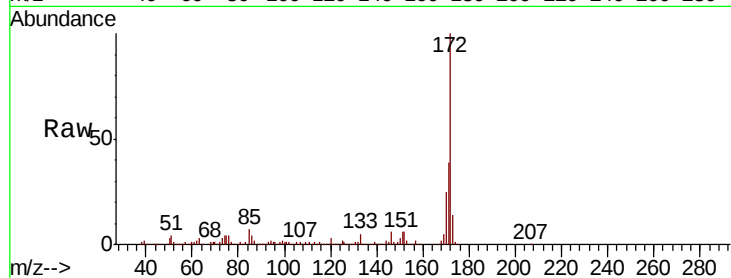




#45
2-Fluorobiphenyl
Concen: 80.413 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

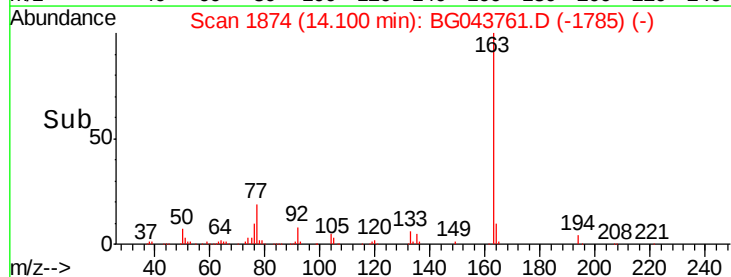
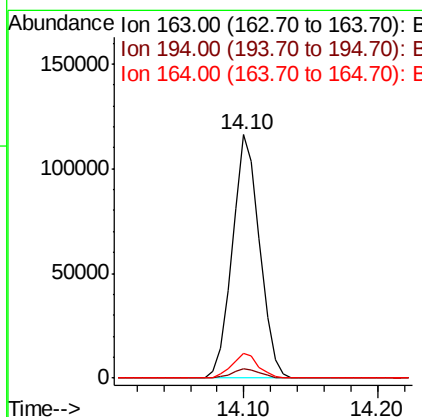
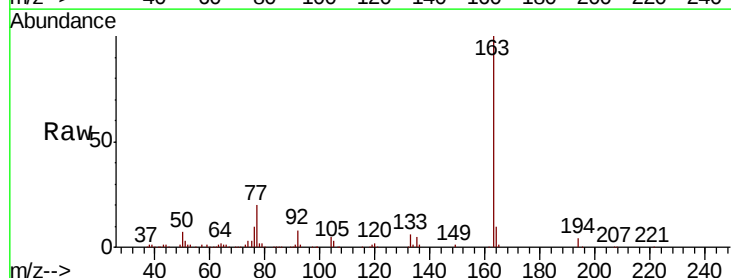
Instrument :
BNA_G
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25441-26560

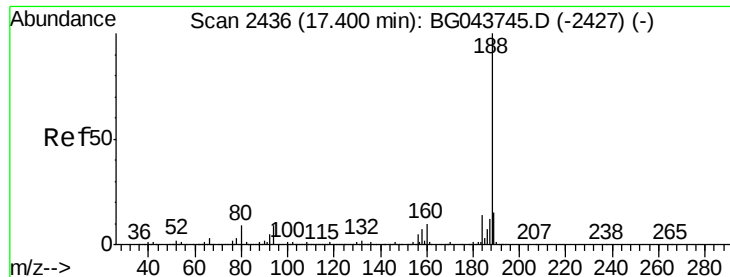
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.6
170	25.2	21.0	31.4



#50
Dimethylphthalate
Concen: 10.864 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.4	8.7	13.1

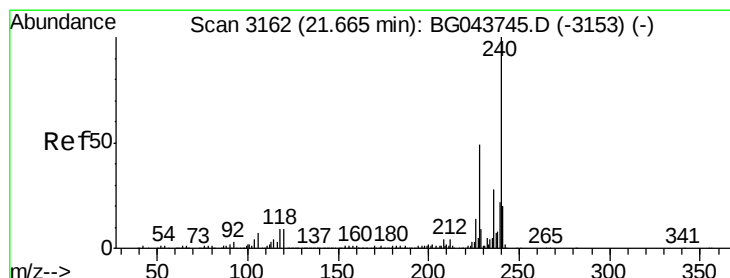
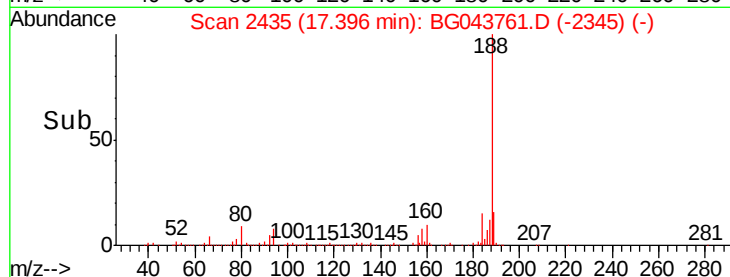
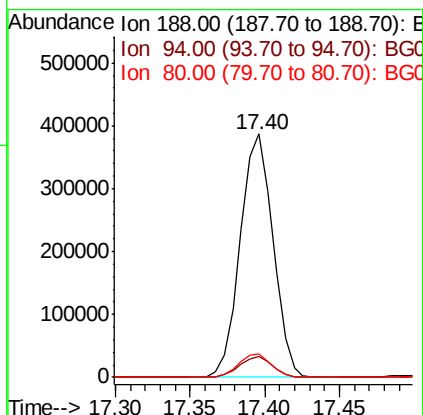
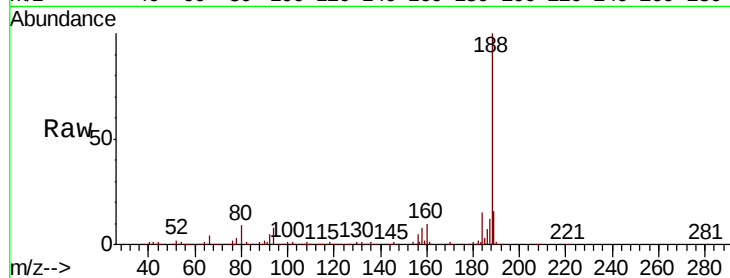




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

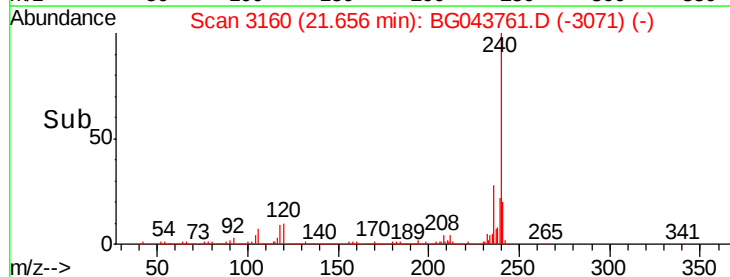
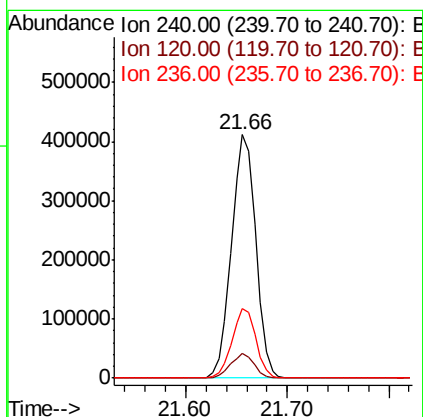
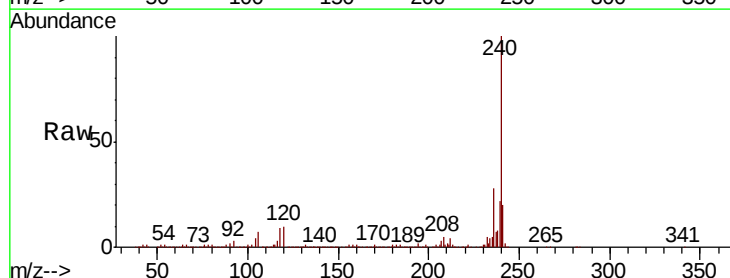
Instrument :
BNA_G
ClientSampleId :
25441-26560

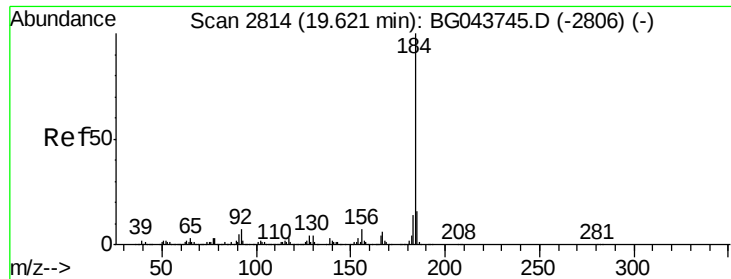
Tot Ion:188 Resp: 589123
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Tgt Ion:240 Resp: 682725
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 28.3 22.6 34.0





#77

Benzidine

Concen: 2.803 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

Instrument :

BNA_G

ClientSampleId :

25441-26560

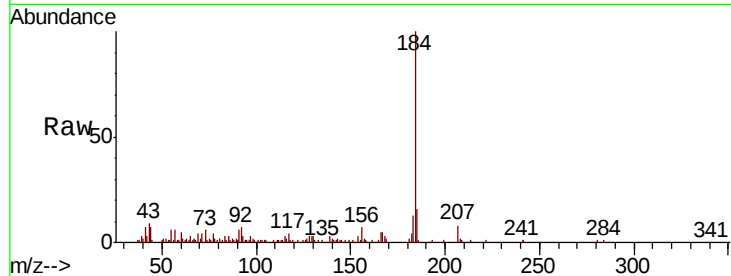
Tot Ion:184 Resp: 55891

Ion Ratio Lower Upper

184 100

185 16.2 12.8 19.2

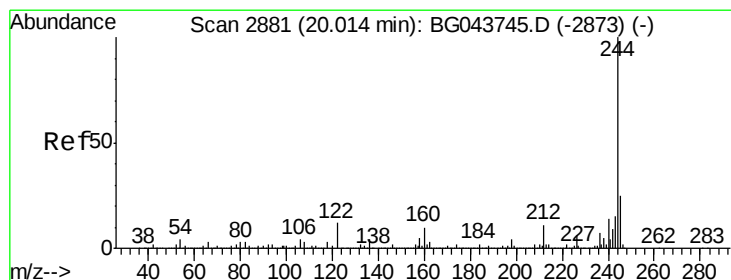
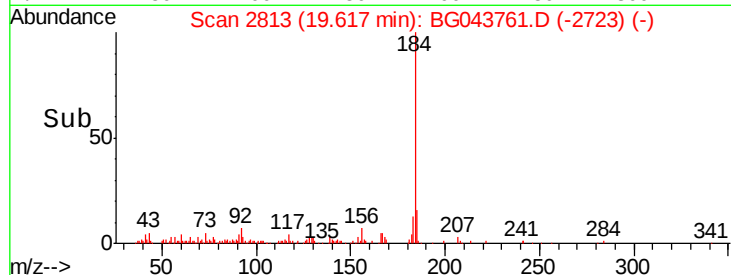
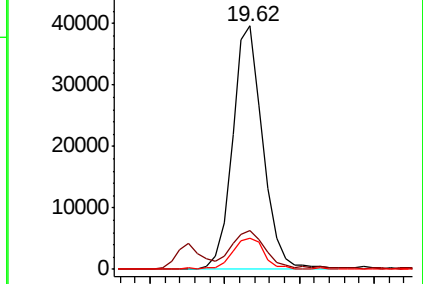
183 12.8 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.335 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043761.D

Acq: 23 Nov 2019 18:20

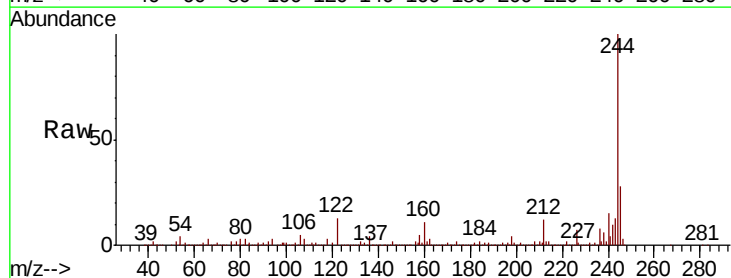
Tgt Ion:244 Resp: 2427232

Ion Ratio Lower Upper

244 100

212 11.7 8.5 12.7

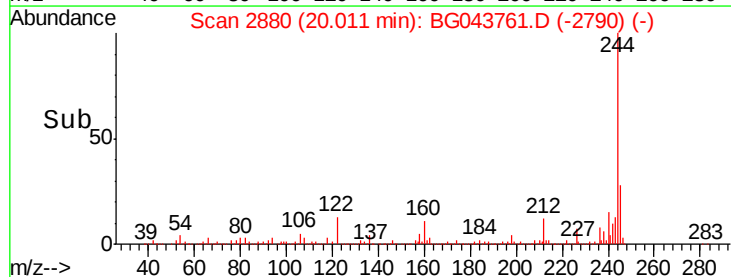
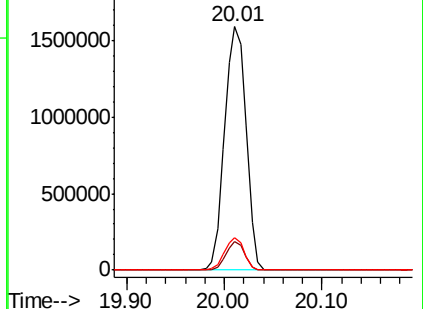
122 13.2 9.5 14.3

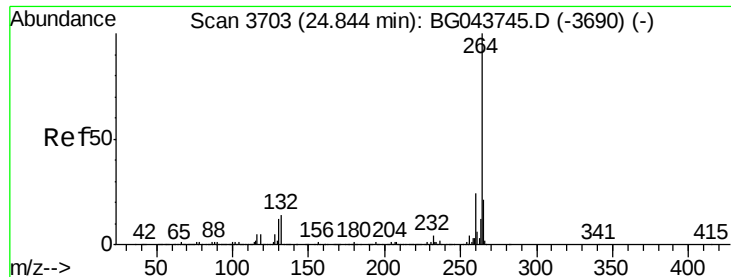


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG043761.D
Acq: 23 Nov 2019 18:20

Instrument :
BNA_G
ClientSampleId :
25441-26560

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.1	17.0	25.6

