

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043690.D
 Acq On : 19 Nov 2019 2:07
 Operator : JU
 Sample : K5833-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7-(8-10)

Quant Time: Nov 19 03:02:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

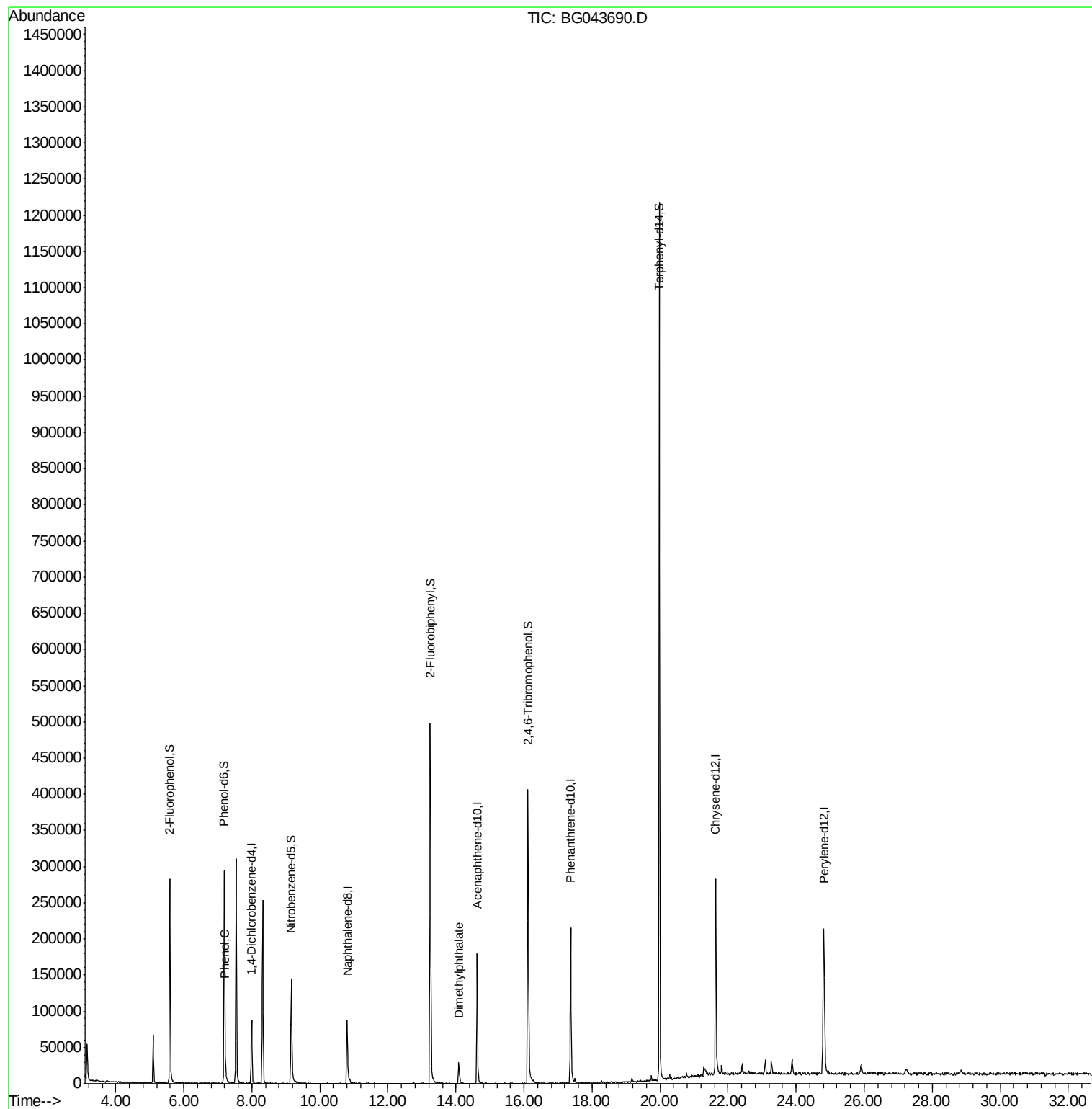
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27228	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	90467	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	73390	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	178771	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	203216	20.00	ng	-0.02
87) Perylene-d12	24.81	264	236186	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	135432	91.15	ng	0.00
7) Phenol-d6	7.19	99	190271	89.00	ng	-0.01
23) Nitrobenzene-d5	9.15	82	113798	64.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	111068	79.53	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	317963	59.87	ng	-0.02
79) Terphenyl-d14	19.98	244	684888	63.23	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	8554	4.379	ng	Qvalue 83
50) Dimethylphthalate	14.08	163	30180	5.309	ng	# 97

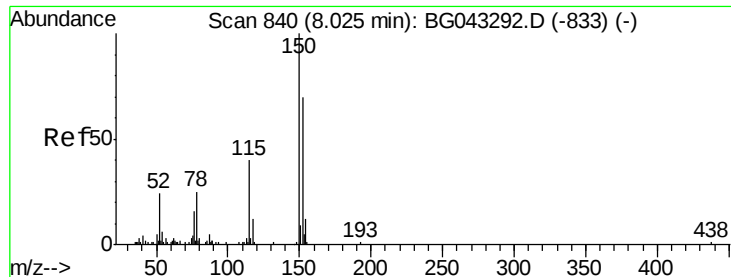
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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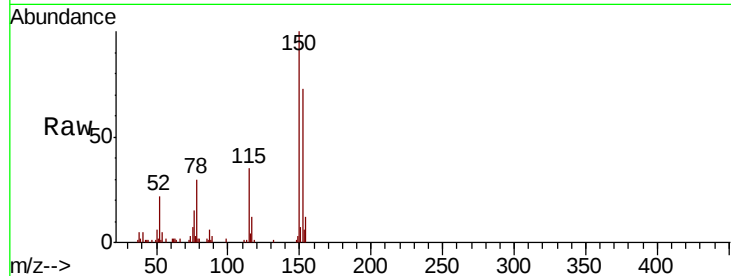


#1

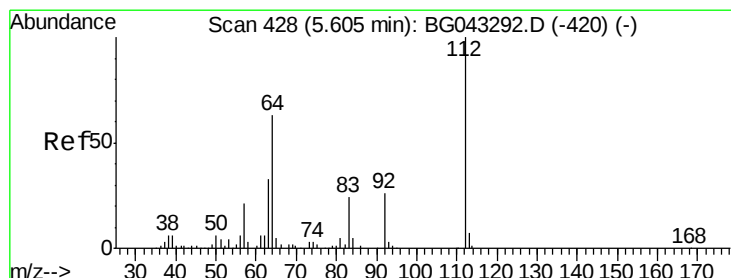
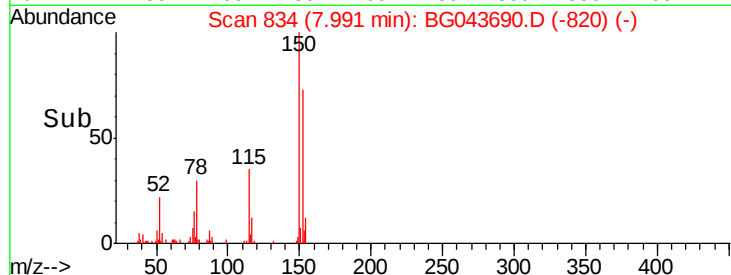
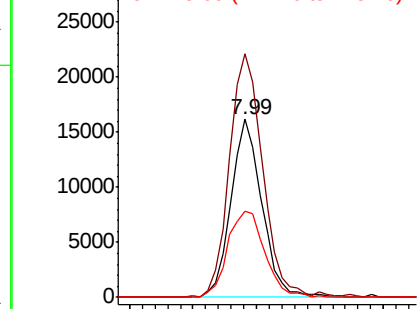
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Instrument :
BNA_G
ClientSampleId :
7-(8-10)

Tot Ion:152 Resp: 27228
Ion Ratio Lower Upper
152 100
150 136.8 129.4 194.0
115 48.3 48.8 73.2#



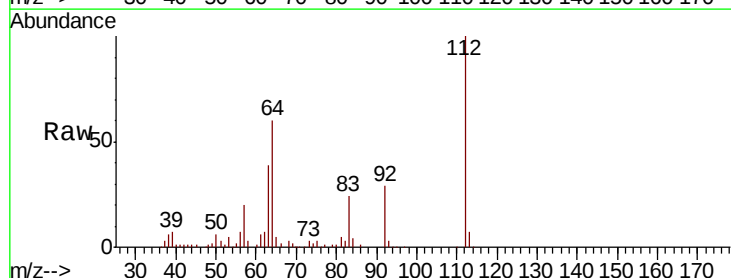
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



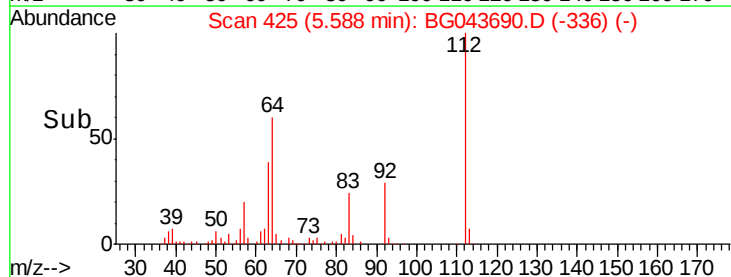
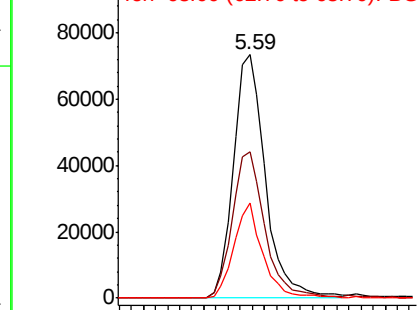
#5

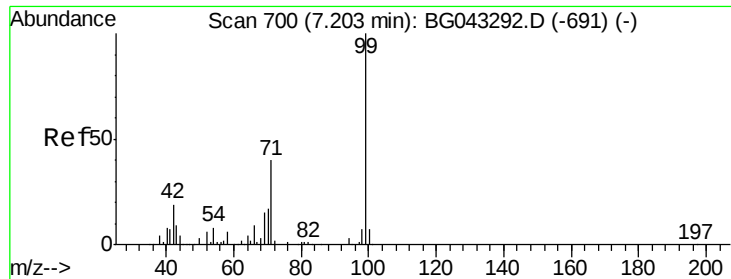
2-Fluorophenol
Concen: 91.146 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion:112 Resp: 135432
Ion Ratio Lower Upper
112 100
64 60.1 50.0 75.0
63 38.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.002 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

Instrument :

BNA_G

ClientSampleId :

7-(8-10)

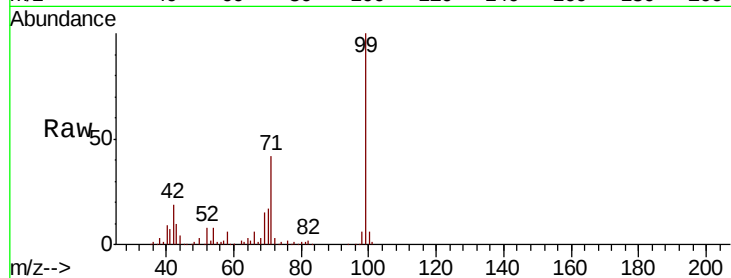
Tot Ion: 99 Resp: 190271

Ion Ratio Lower Upper

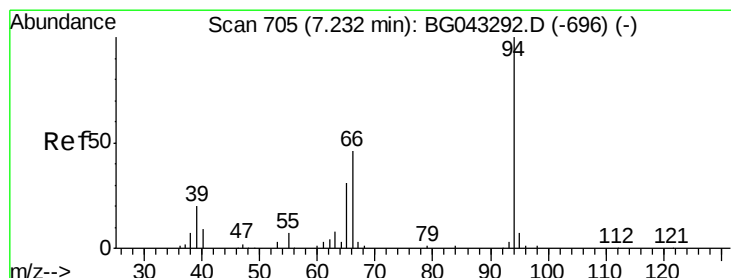
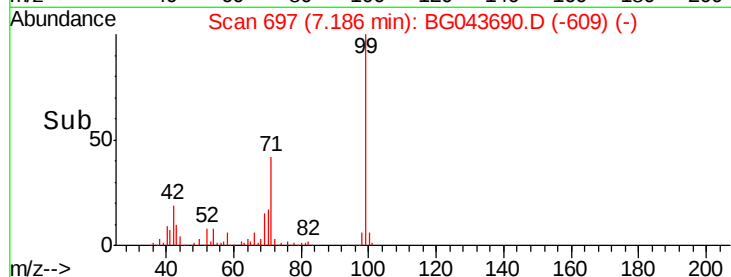
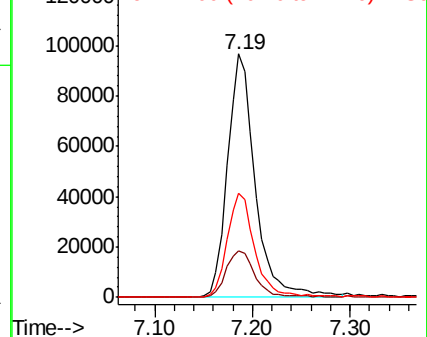
99 100

42 19.1 14.6 21.8

71 42.5 32.5 48.7



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: 4.379 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

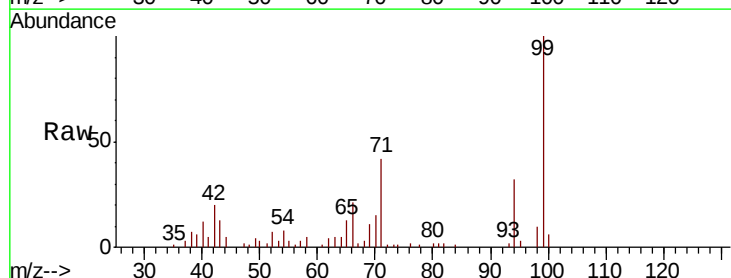
Tgt Ion: 94 Resp: 8554

Ion Ratio Lower Upper

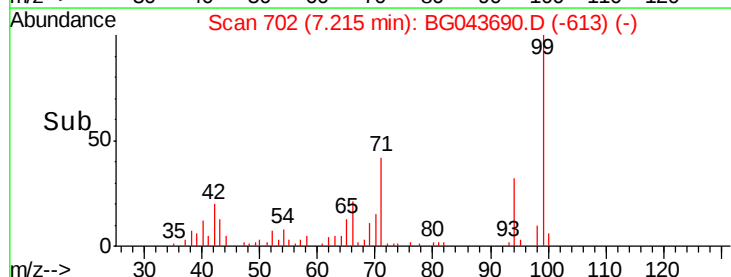
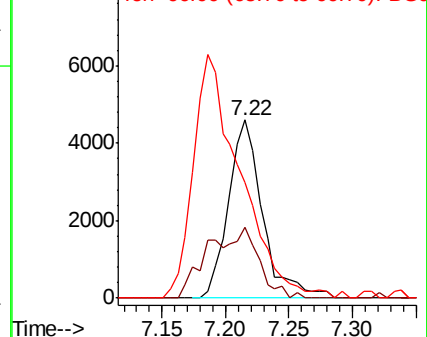
94 100

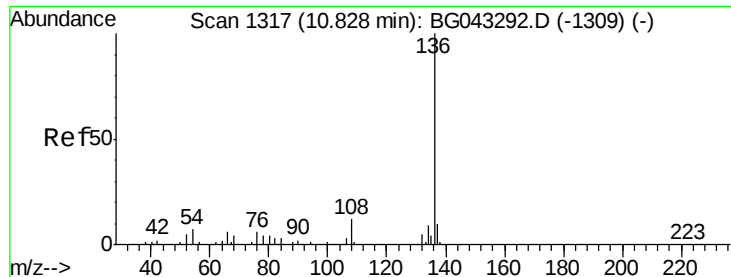
65 40.1 12.6 52.6

66 64.7 30.7 70.7



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

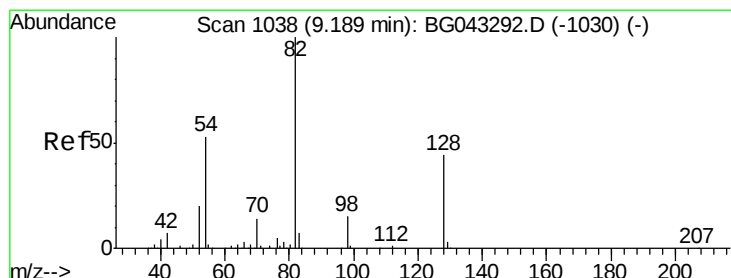
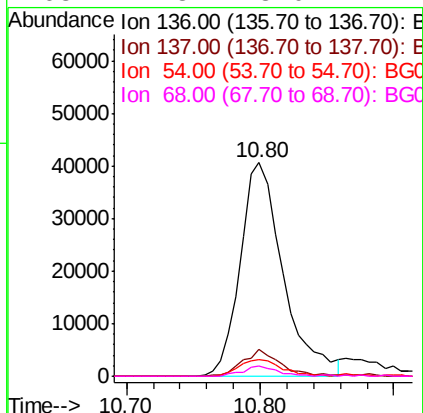
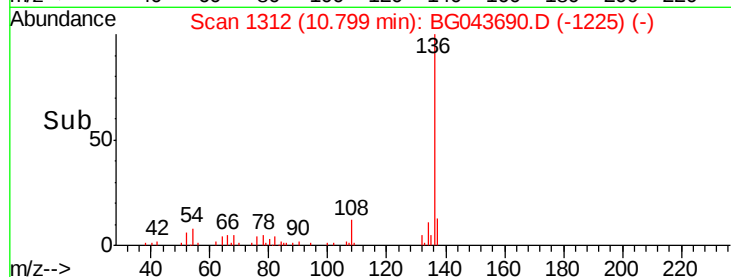
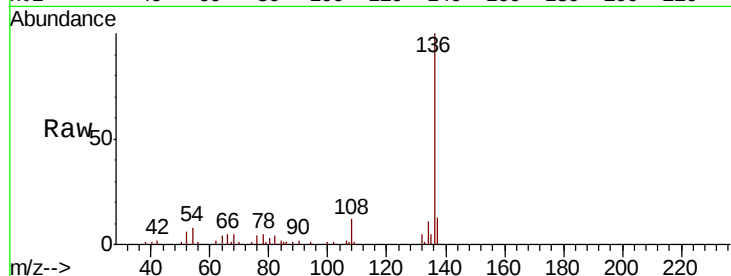




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

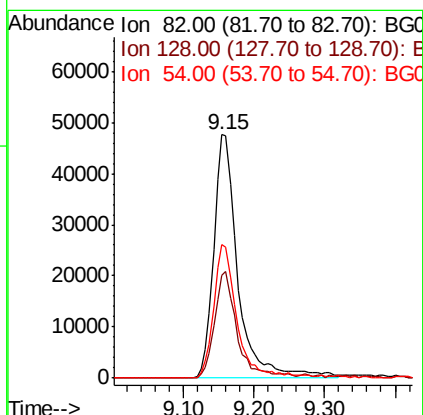
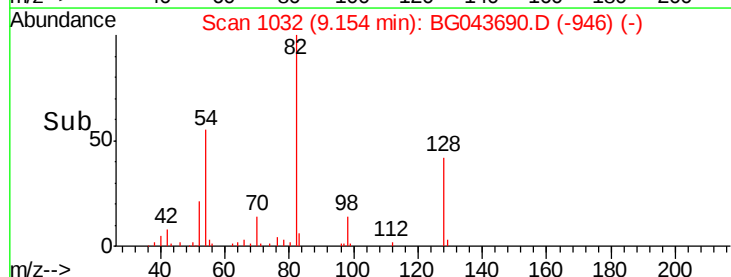
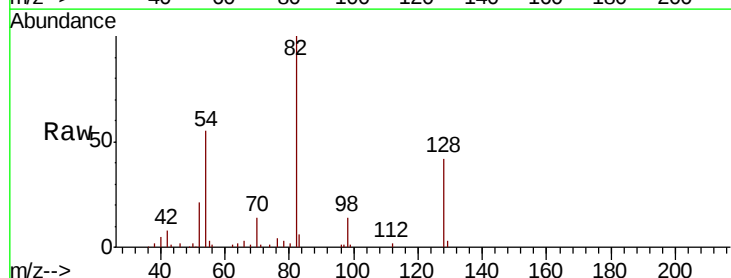
Instrument :
BNA_G
ClientSampleId :
7-(8-10)

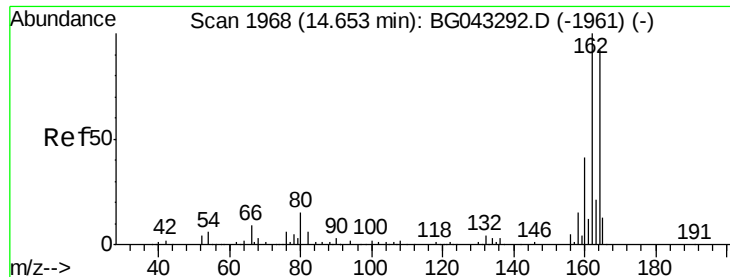
Tot Ion:136	Resp:	90467
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.7 13.1
54	8.1	5.4 8.2
68	4.8	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 64.850 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion: 82	Resp:	113798
Ion Ratio	Lower	Upper
82	100	
128	42.4	35.0 52.6
54	54.7	40.2 60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

Instrument :

BNA_G

ClientSampleId :

7-(8-10)

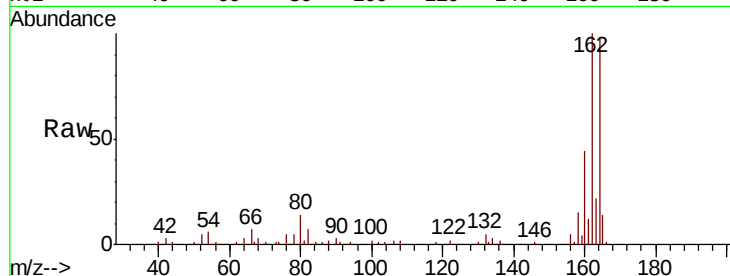
Tot Ion:164 Resp: 73390

Ion Ratio Lower Upper

164 100

162 102.3 83.5 125.3

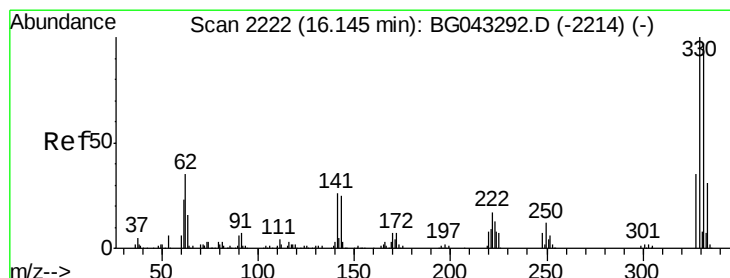
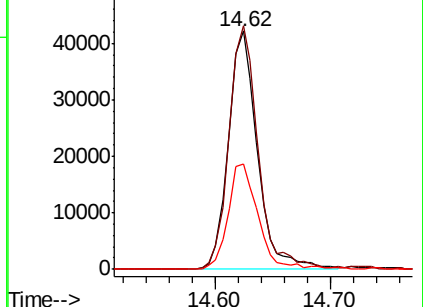
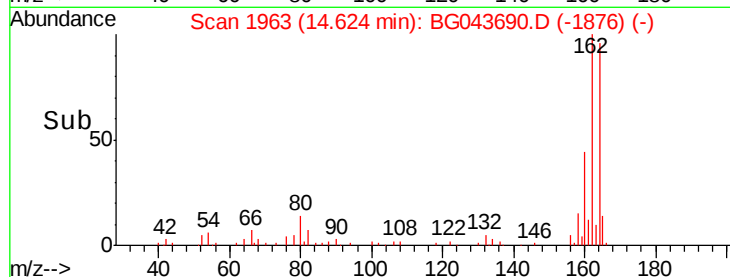
160 44.5 36.5 54.7



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: 79.527 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

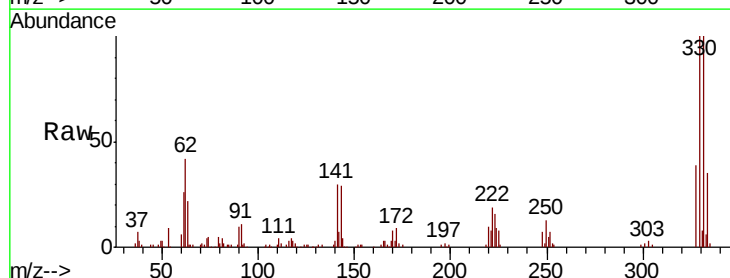
Tgt Ion:330 Resp: 111068

Ion Ratio Lower Upper

330 100

332 99.4 77.4 116.0

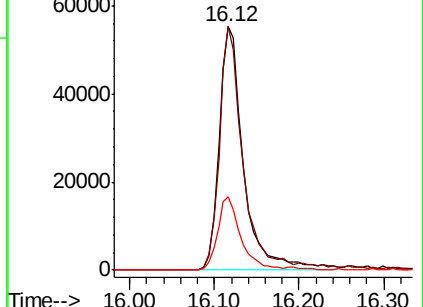
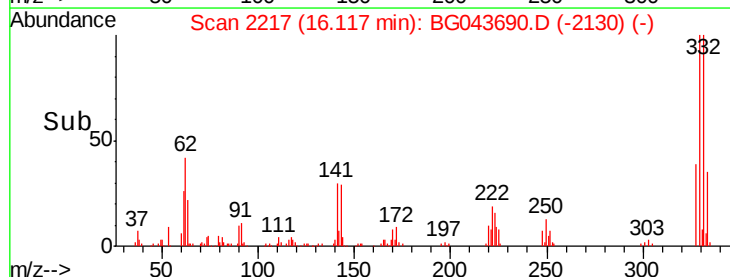
141 28.6 22.8 34.2

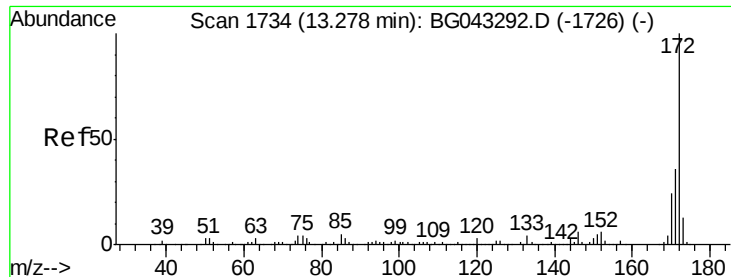


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

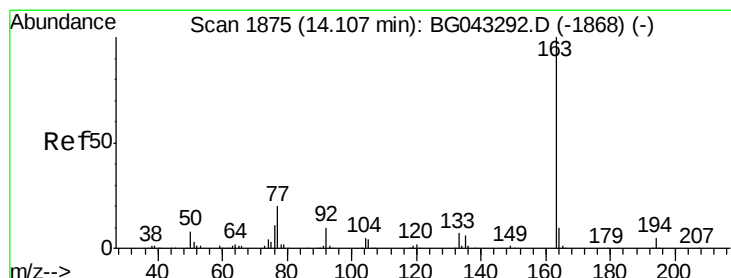
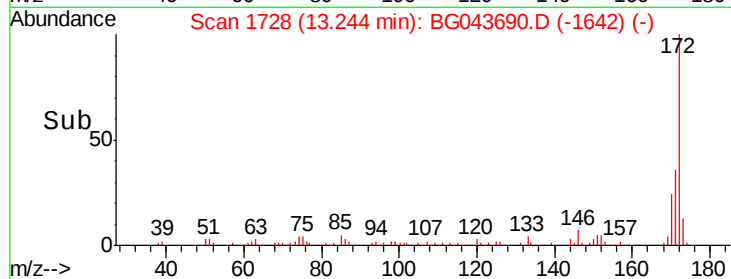
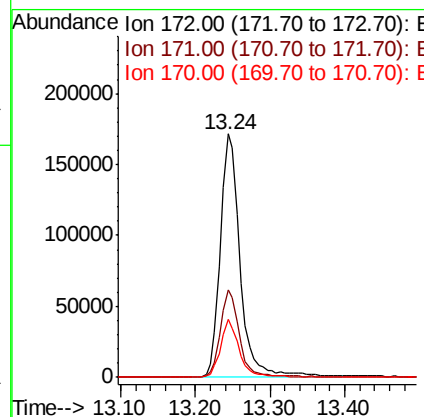
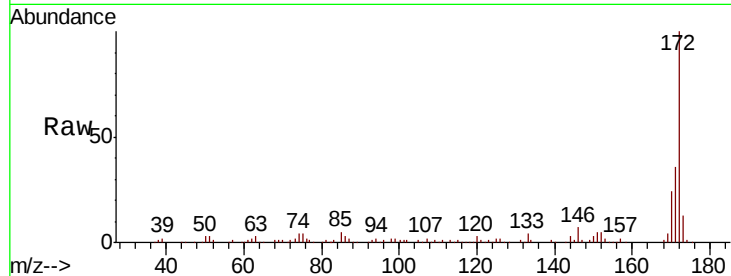




#45
 2-Fluorobiphenyl
 Concen: 59.867 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

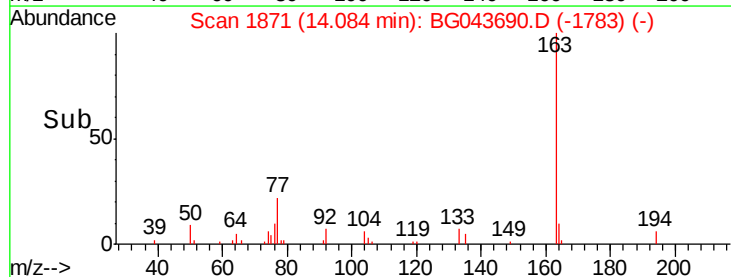
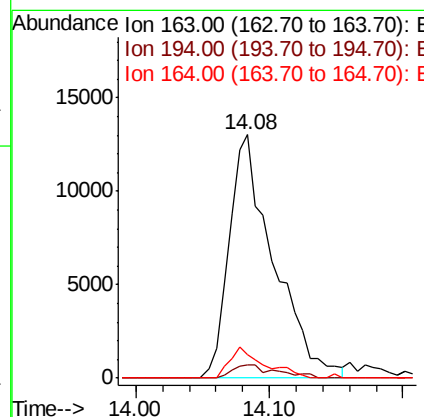
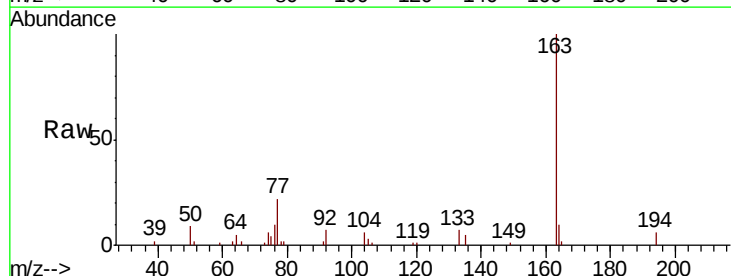
Instrument :
 BNA_G
 ClientSampleId :
 7-(8-10)

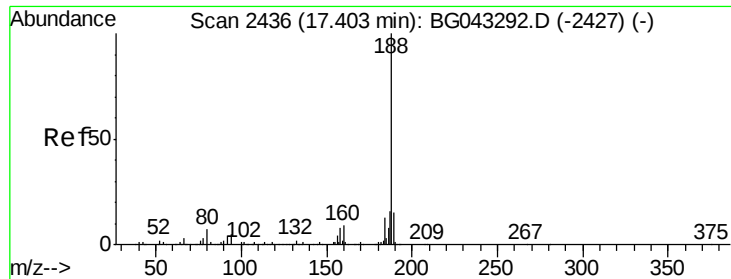
Tot Ion:172 Resp: 317963
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.7 18.5 27.7



#50
 Dimethylphthalate
 Concen: 5.309 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043690.D
 Acq: 19 Nov 2019 2:07

Tgt Ion:163 Resp: 30180
 Ion Ratio Lower Upper
 163 100
 194 5.7 3.8 5.6#
 164 9.9 8.9 13.3

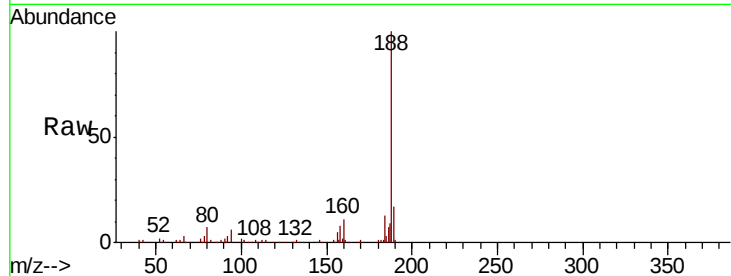




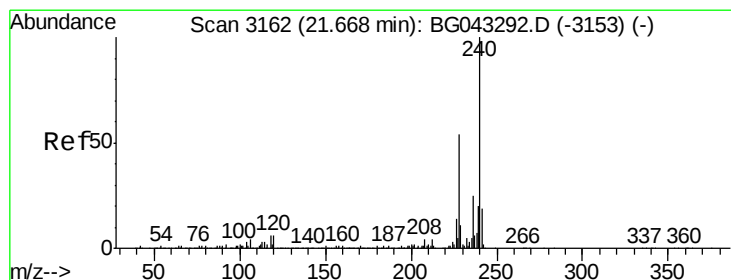
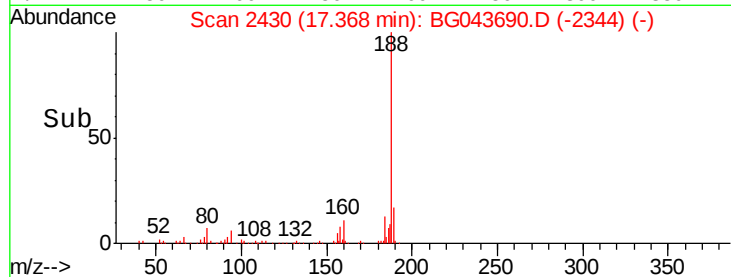
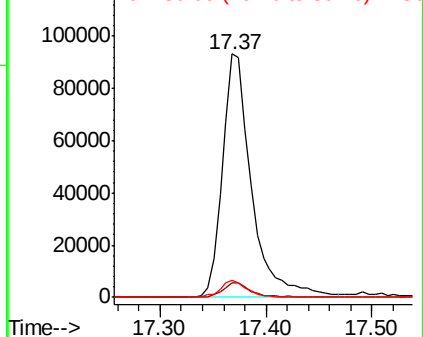
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Instrument :
BNA_G
ClientSampleId :
7-(8-10)

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	6.8	4.5	6.7#

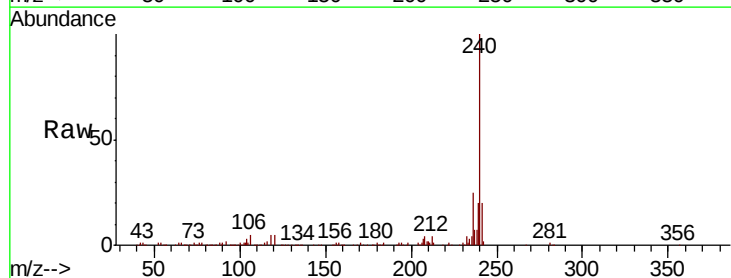


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

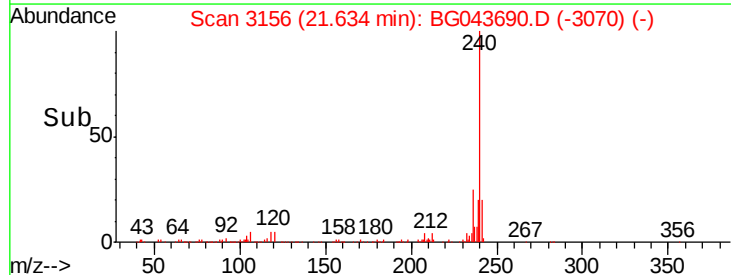
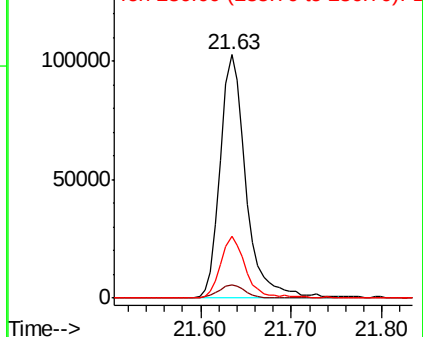


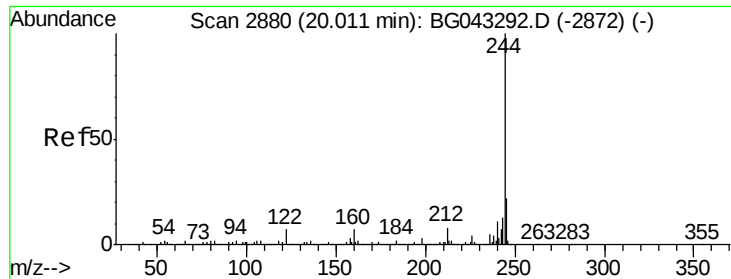
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043690.D
Acq: 19 Nov 2019 2:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	6.8
236	25.2	19.8	29.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.228 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.02 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

Instrument :

BNA_G

ClientSampleId :

7-(8-10)

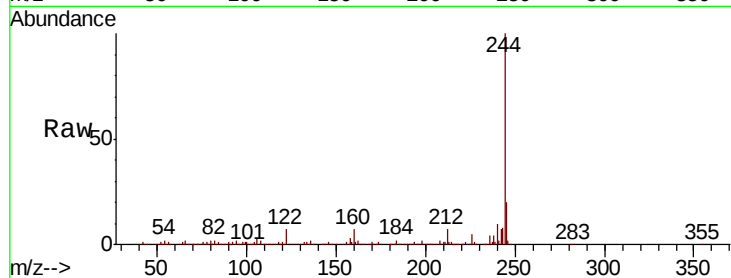
Tot Ion:244 Resp: 684888

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

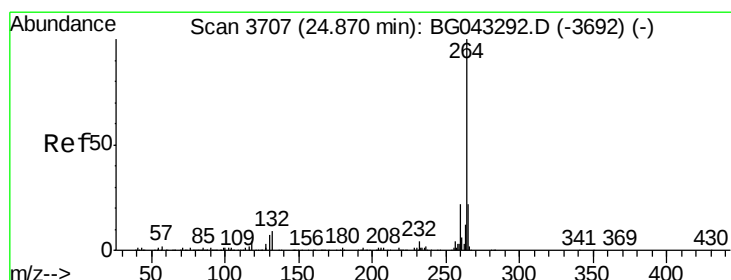
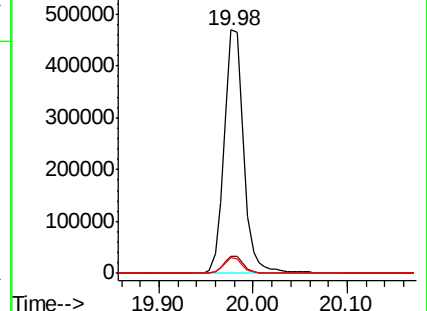
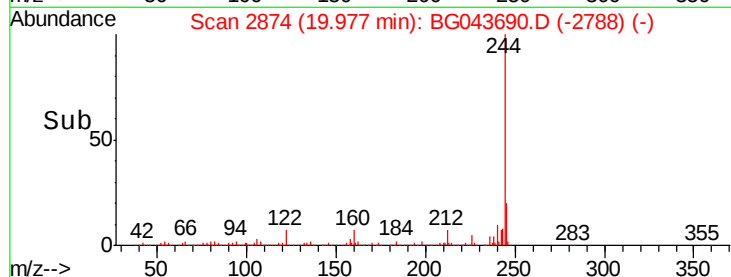
122 6.7 5.4 8.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.04 min

Lab File: BG043690.D

Acq: 19 Nov 2019 2:07

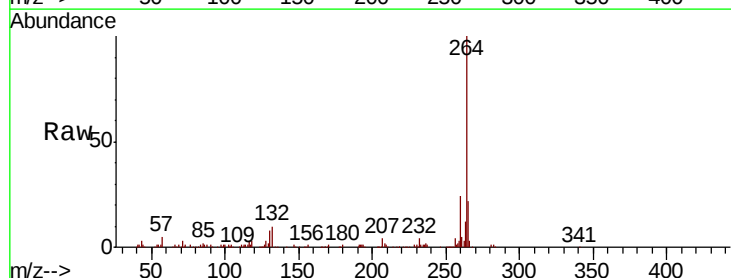
Tgt Ion:264 Resp: 236186

Ion Ratio Lower Upper

264 100

260 23.8 17.5 26.3

265 22.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

