

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038793.D
 Acq On : 21 Dec 2018 19:27
 Operator : JU/SJ
 Sample : J6446-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS022-1824-01

Quant Time: Dec 22 01:53:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

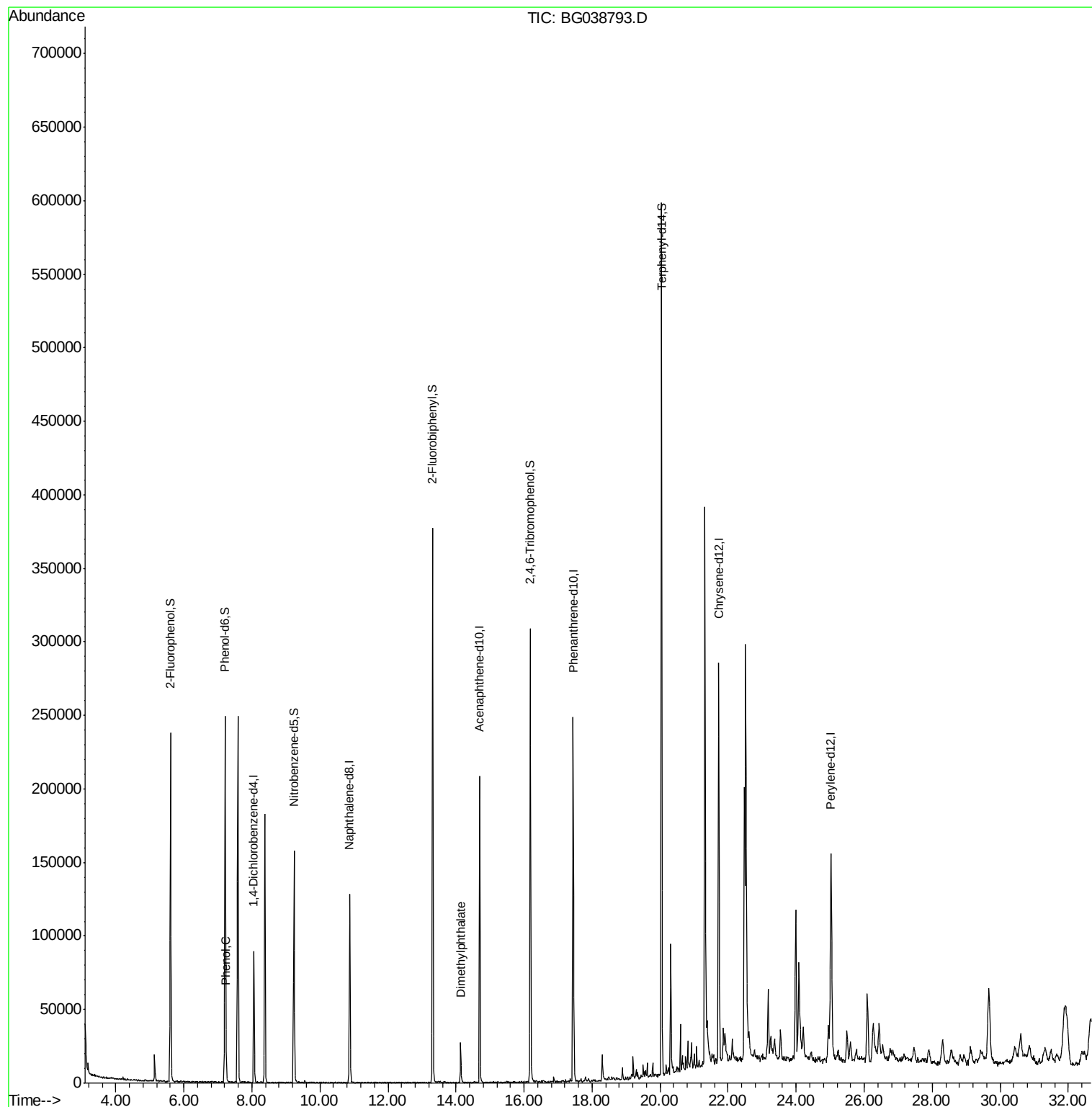
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27179	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	111894	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75156	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172646	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167237	20.00	ng	0.00
87) Perylene-d12	25.02	264	176495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	104921	68.47	ng	0.00
7) Phenol-d6	7.22	99	147167	69.96	ng	0.00
23) Nitrobenzene-d5	9.24	82	97131	44.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	69741	67.33	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	209621	38.26	ng	0.00
79) Terphenyl-d14	20.04	244	316661	41.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6690	2.993	ng	95
50) Dimethylphthalate	14.14	163	22011	3.586	ng	# 96

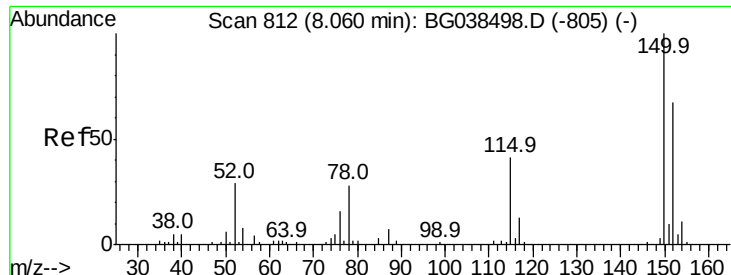
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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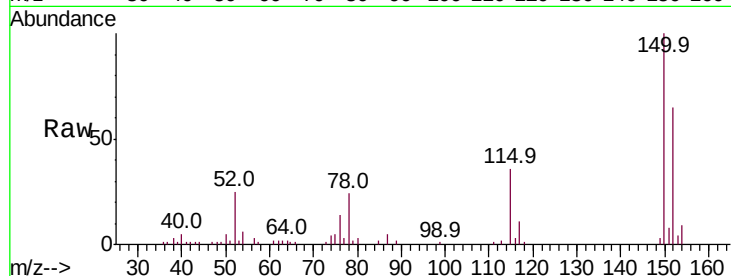


#1

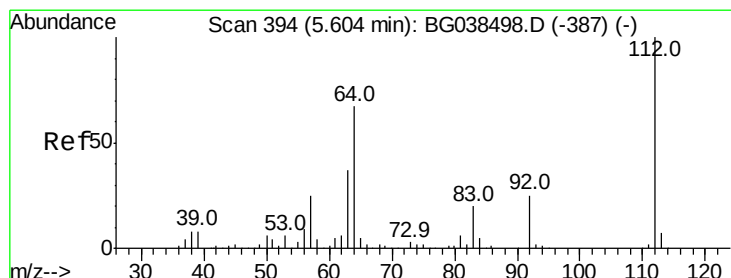
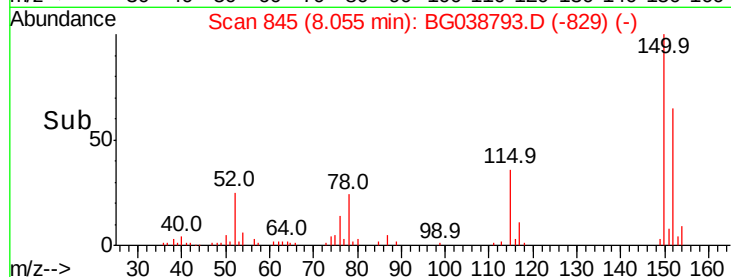
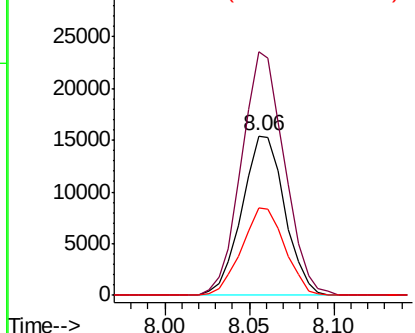
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_G
ClientSampleId :
P001-SS022-1824-01

Tot Ion:152 Resp: 27179
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 55.2 49.6 74.4



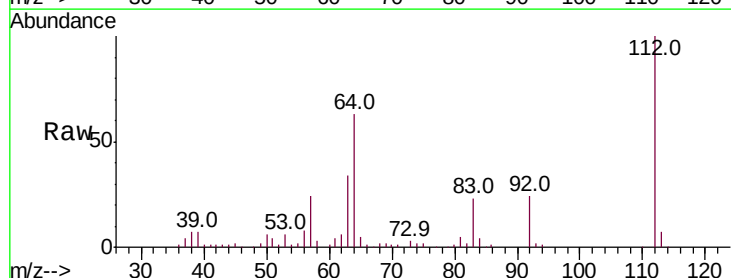
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



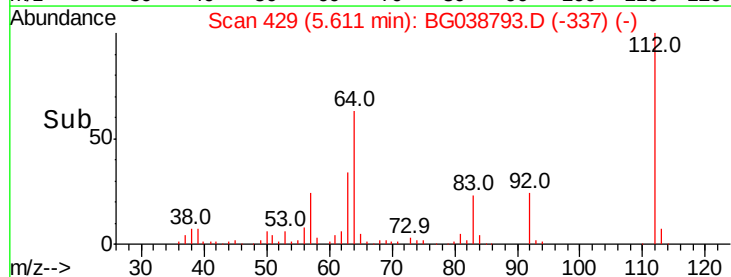
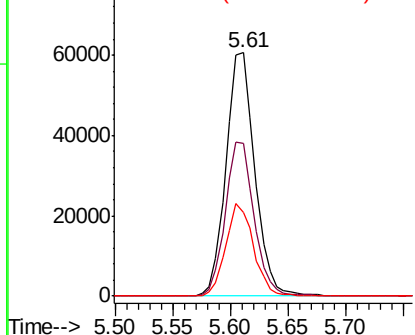
#5

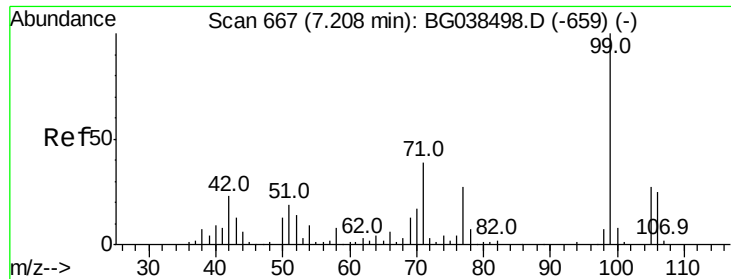
2-Fluorophenol
Concen: 68.470 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Tgt Ion:112 Resp: 104921
Ion Ratio Lower Upper
112 100
64 62.8 53.4 80.2
63 34.1 29.3 43.9



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: 69.958 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

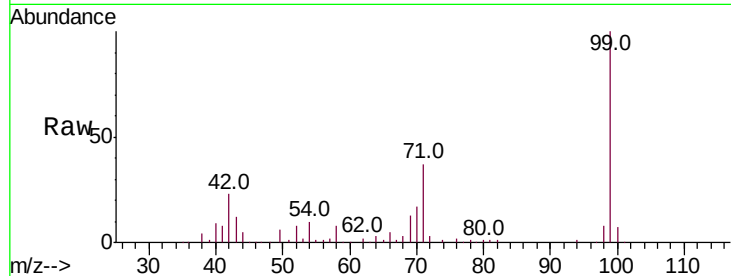
Tot Ion: 99 Resp: 147167

Ion Ratio Lower Upper

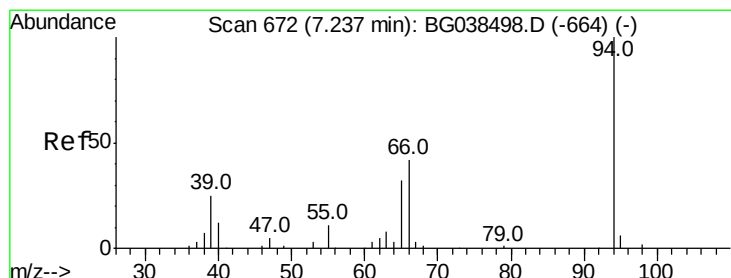
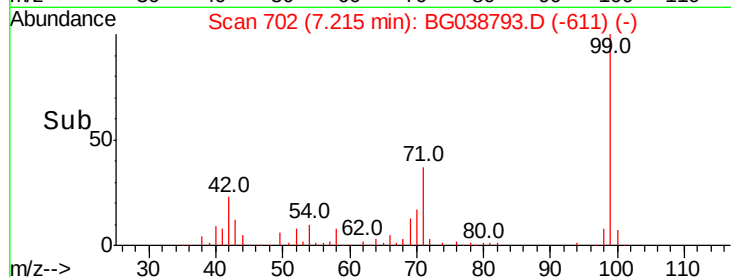
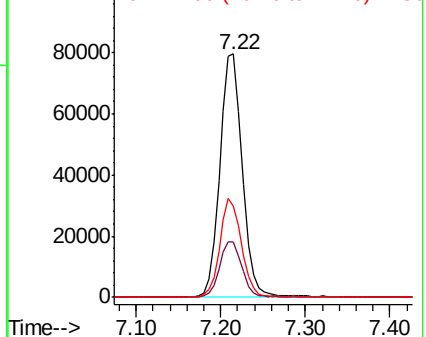
99 100

42 22.9 18.5 27.7

71 37.2 31.1 46.7



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: 2.993 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

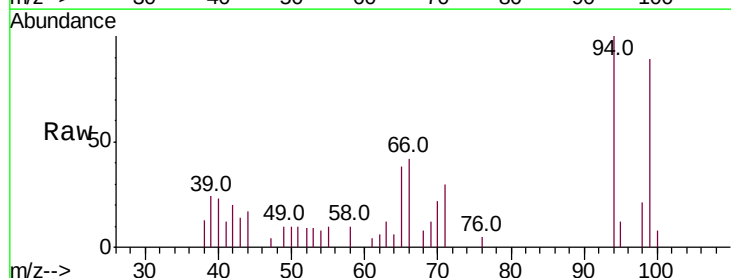
Tgt Ion: 94 Resp: 6690

Ion Ratio Lower Upper

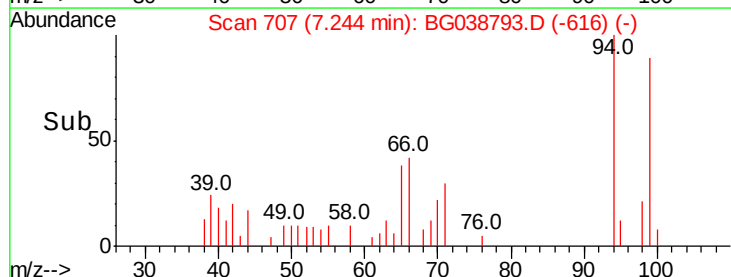
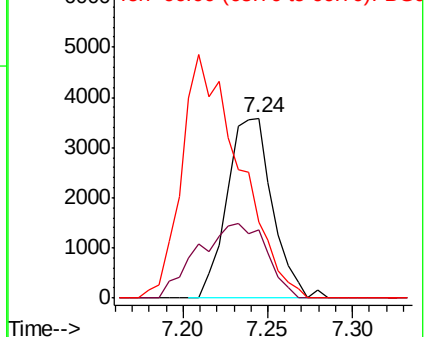
94 100

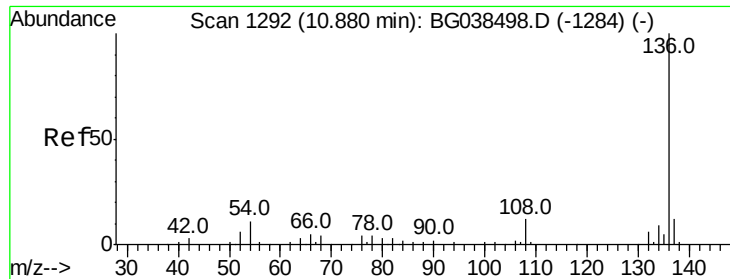
65 37.6 12.6 52.6

66 42.3 24.1 64.1



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

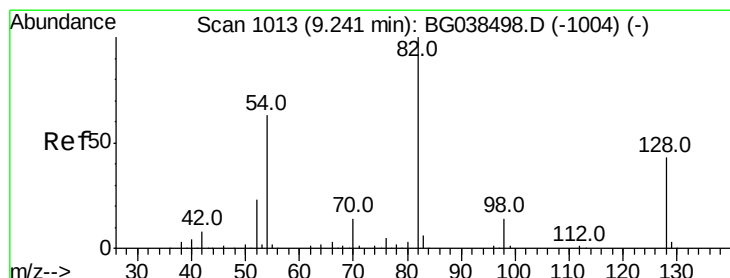
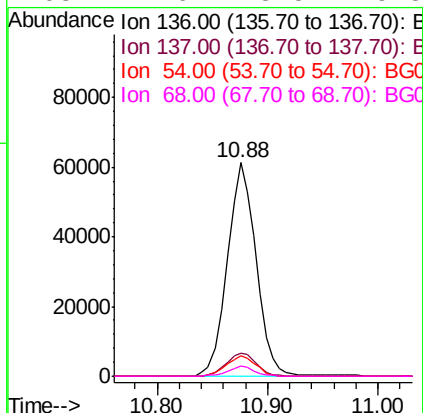
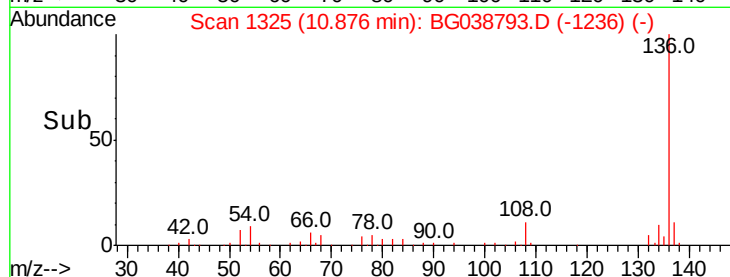
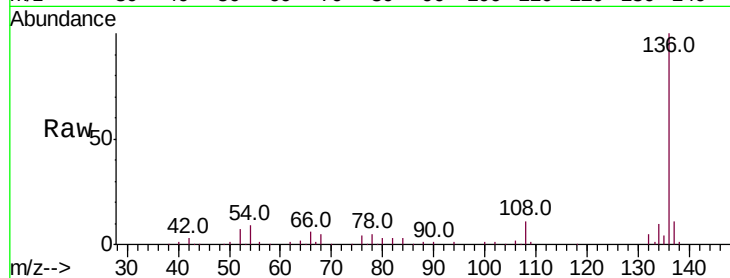




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

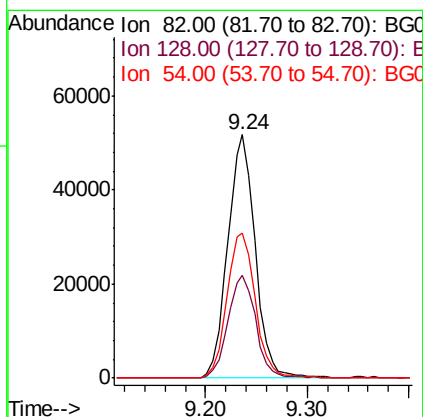
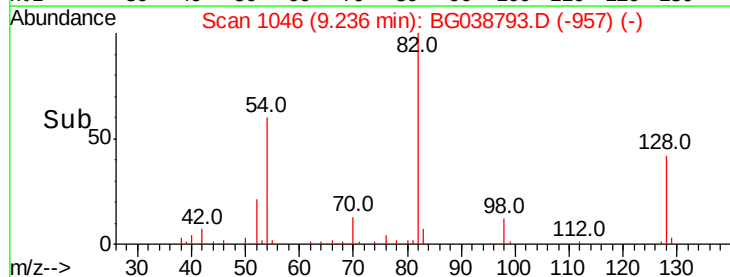
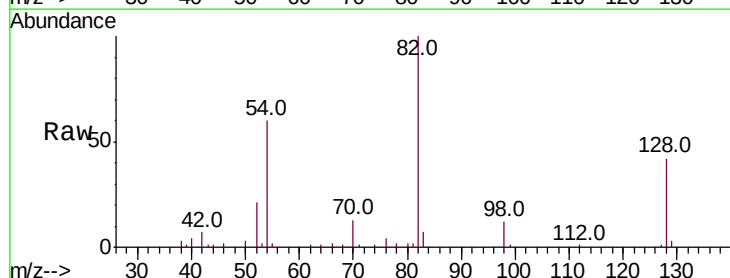
Instrument :
BNA_G
ClientSampleId :
P001-SS022-1824-01

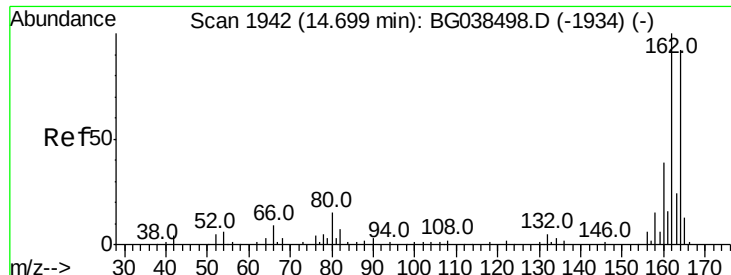
Tot Ion:	136	Resp:	111894
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	9.3	8.5	12.7
68	4.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 44.347 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Tgt Ion:	82	Resp:	97131
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	59.6	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

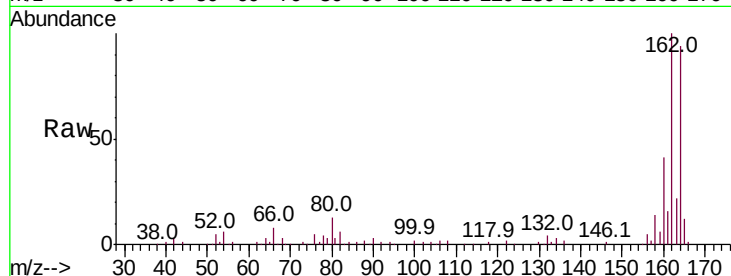
Tot Ion:164 Resp: 75156

Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

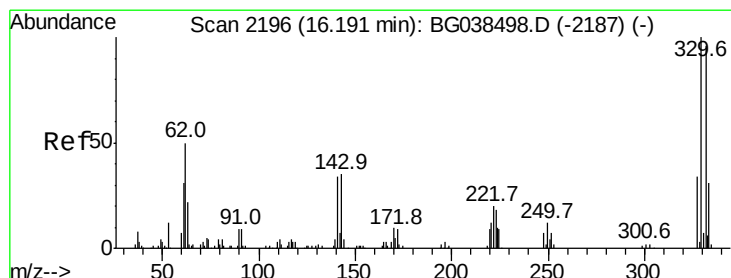
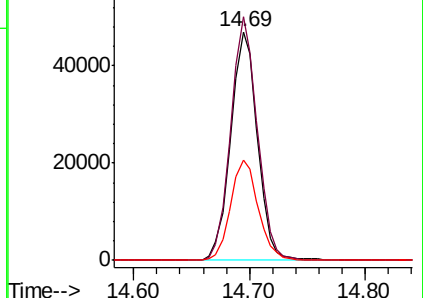
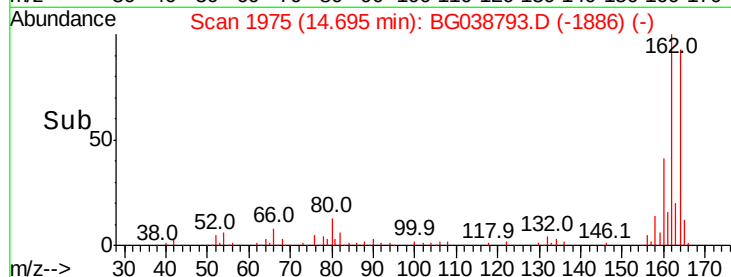
160 44.0 34.2 51.2



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: 67.332 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

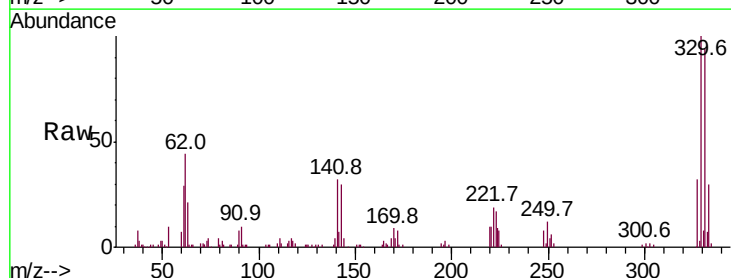
Tgt Ion:330 Resp: 69741

Ion Ratio Lower Upper

330 100

332 93.6 76.9 115.3

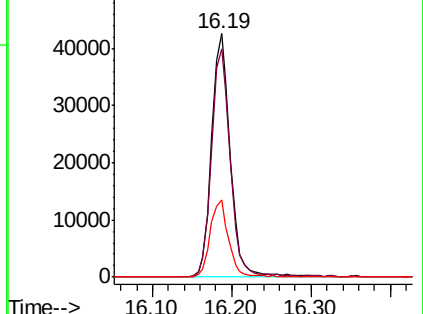
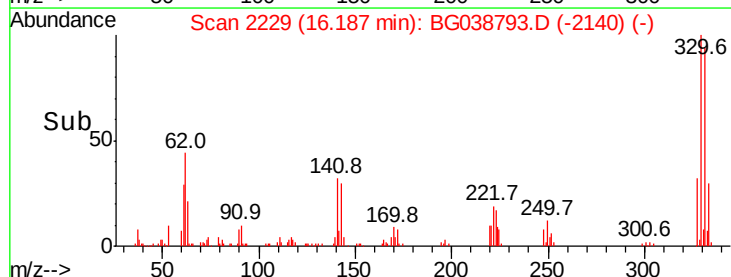
141 31.0 28.8 43.2

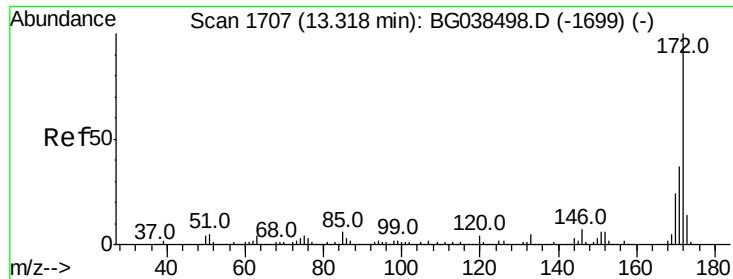


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

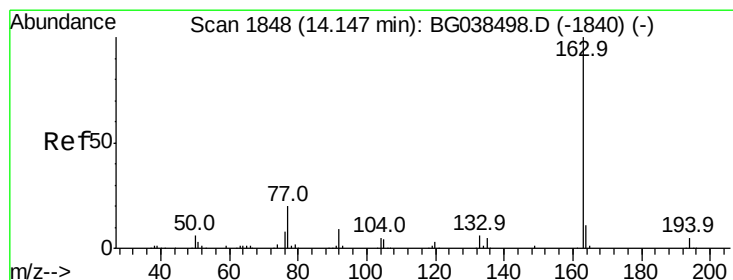
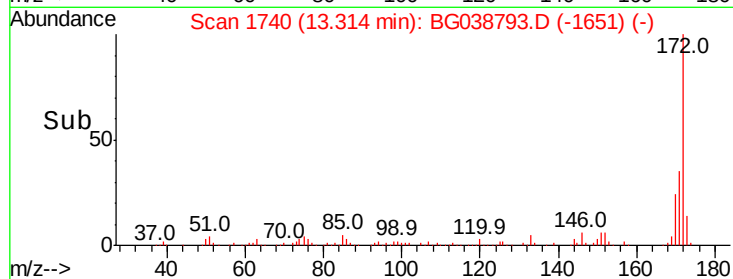
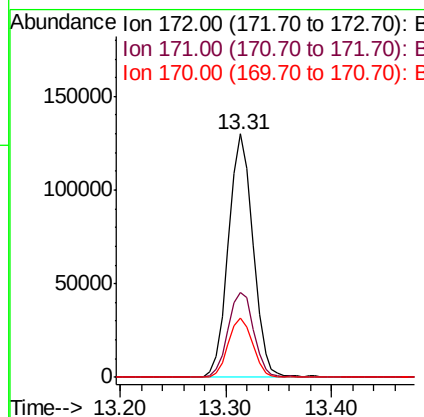
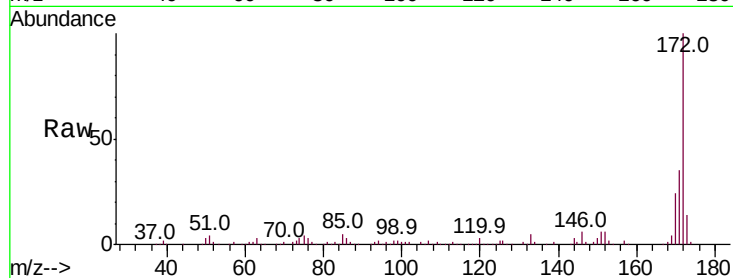




#45
 2-Fluorobiphenyl
 Concen: 38.263 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

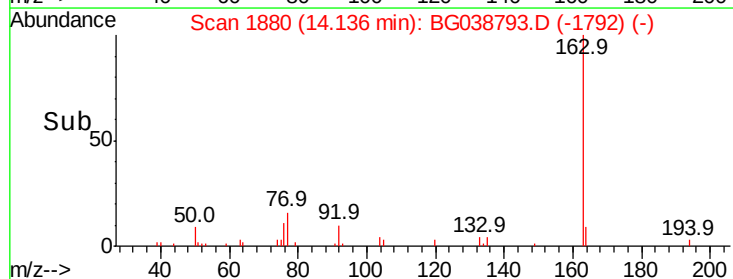
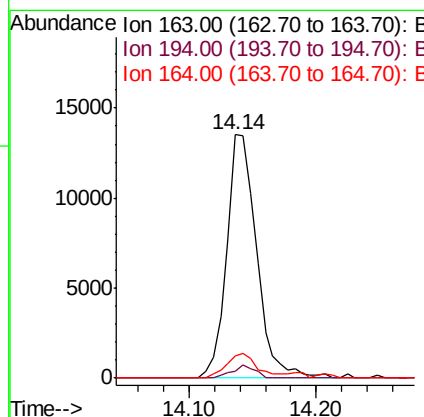
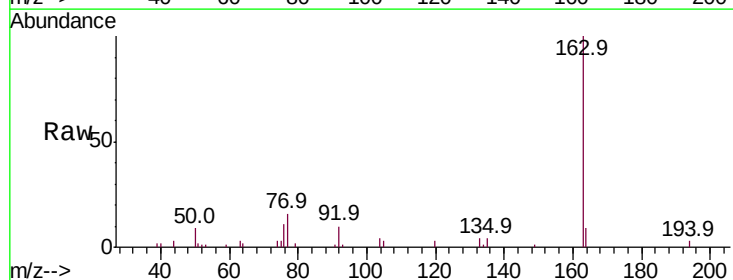
Instrument :
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 P001-SS022-1824-01

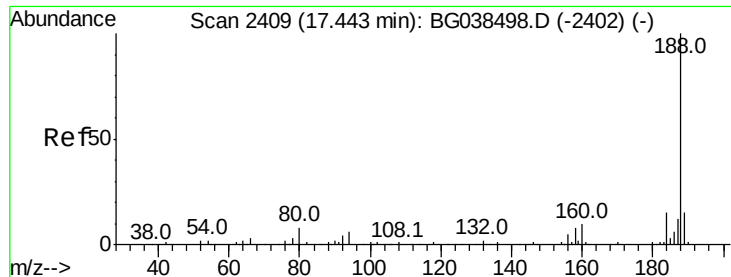
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.8	44.6
170	24.2	19.5	29.3



#50
 Dimethylphthalate
 Concen: 3.586 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.7	5.5#
164	9.3	8.6	12.8

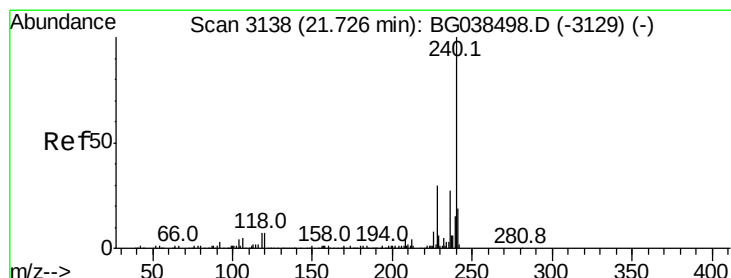
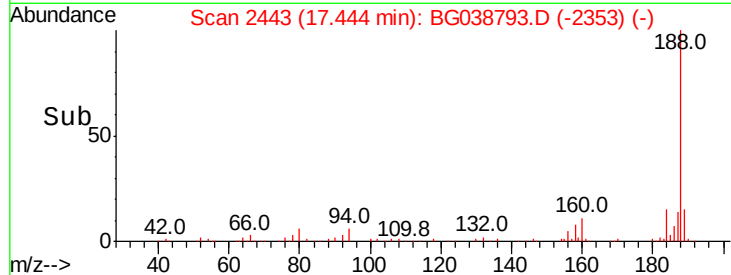
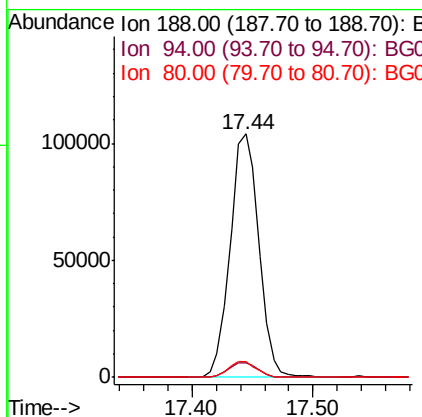
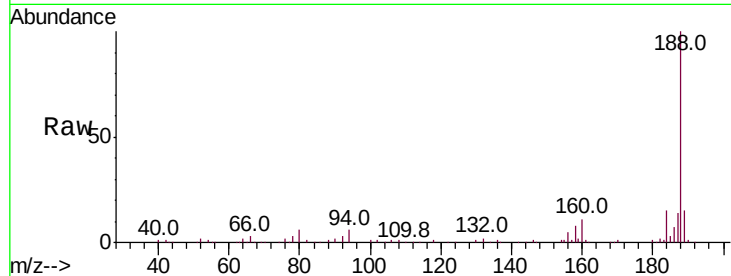




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

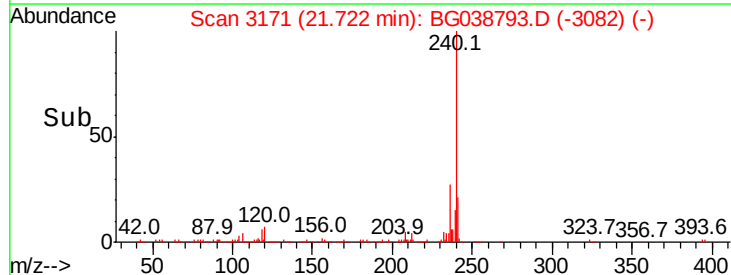
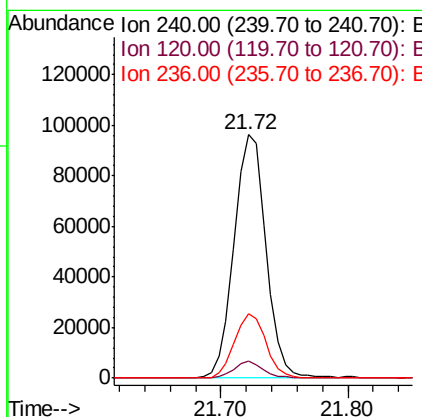
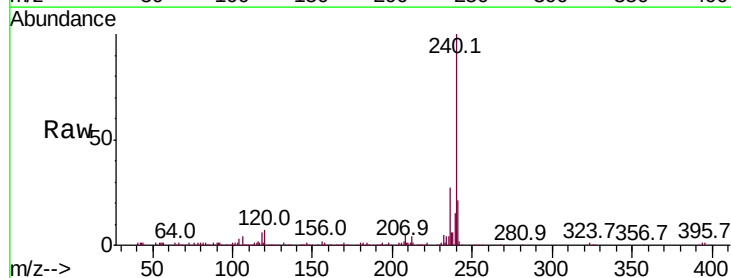
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS022-1824-01

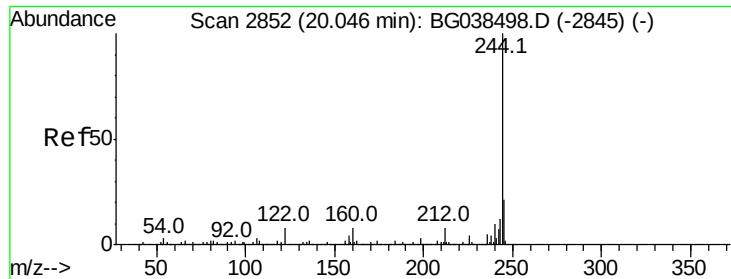
Tot Ion:188 Resp: 172646
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.1 7.7
 80 6.4 6.1 9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

Tgt Ion:240 Resp: 167237
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.3 7.9
 236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 41.209 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

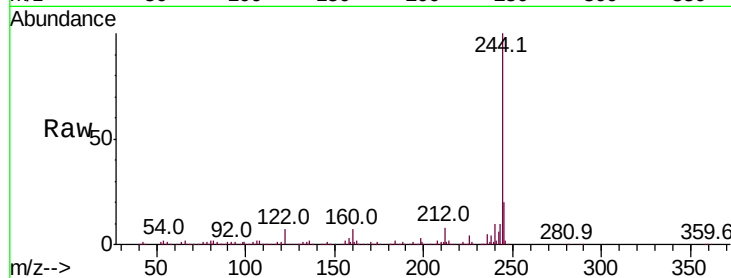
Tot Ion:244 Resp: 316661

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

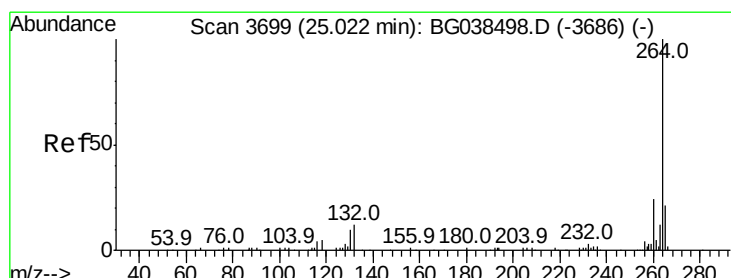
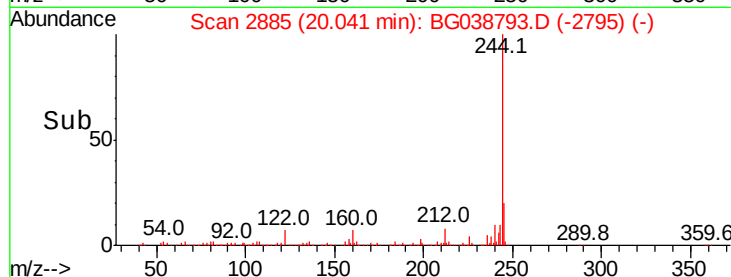
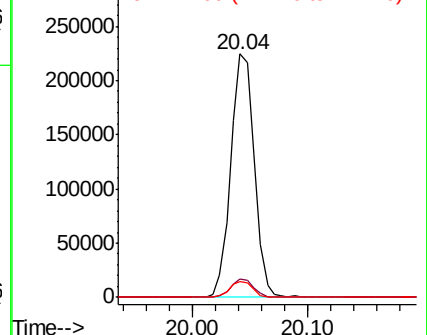
122 6.6 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

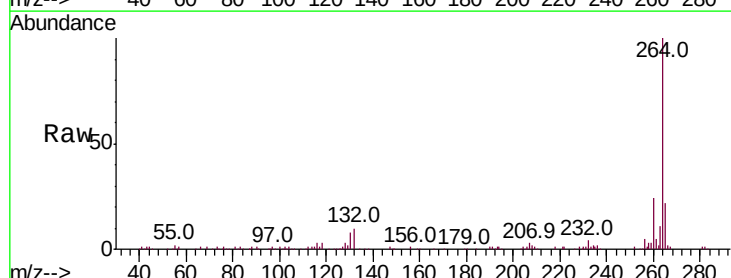
Tgt Ion:264 Resp: 176495

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 17.0 25.4



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

