

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042794.D
 Acq On : 12 Sep 2019 22:46
 Operator : HP/JU
 Sample : K4852-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-3(0-4)

Quant Time: Sep 13 08:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

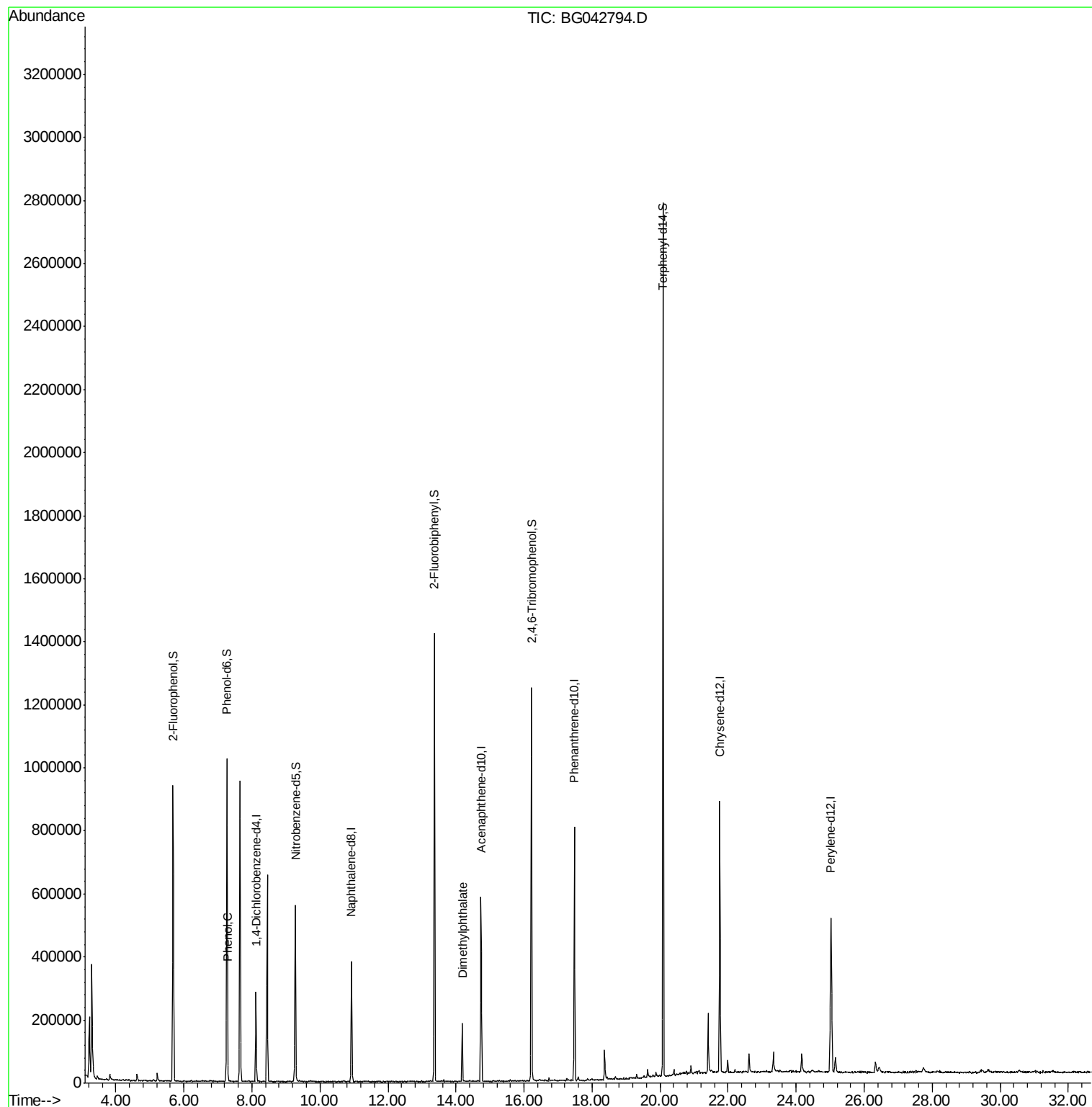
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80030	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	304006	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	212262	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	502317	20.00	ng	0.00
76) Chrysene-d12	21.76	240	522551	20.00	ng	0.00
87) Perylene-d12	25.02	264	550355	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	379707	82.49	ng	0.00
7) Phenol-d6	7.27	99	566616	85.76	ng	0.00
23) Nitrobenzene-d5	9.28	82	335843	57.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	236896	83.89	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	757749	56.51	ng	0.00
79) Terphenyl-d14	20.09	244	1359384	57.66	ng	0.00
Target Compounds						
10) Phenol	7.29	94	15549	2.295	ng	87
50) Dimethylphthalate	14.18	163	116895	7.351	ng	# 99

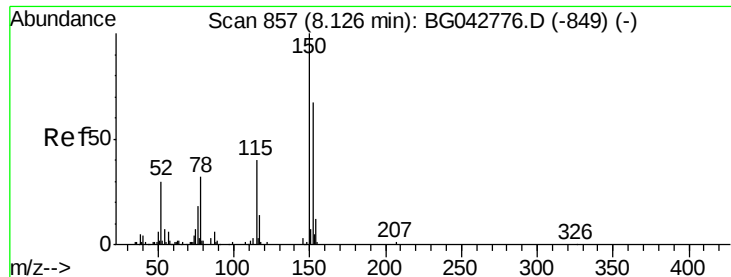
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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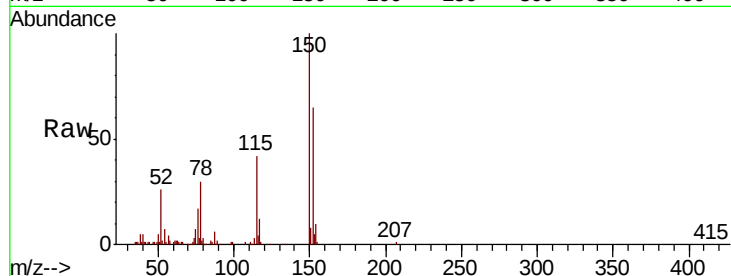


#1

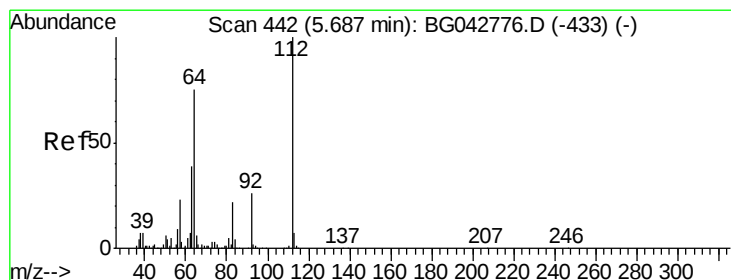
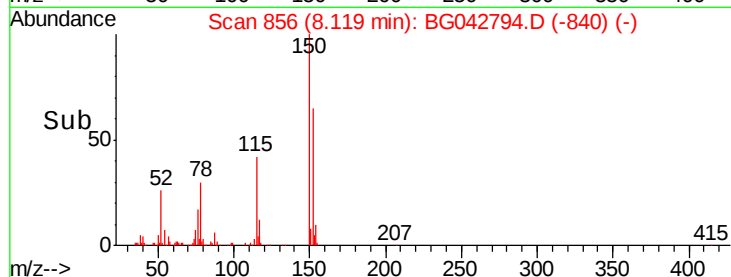
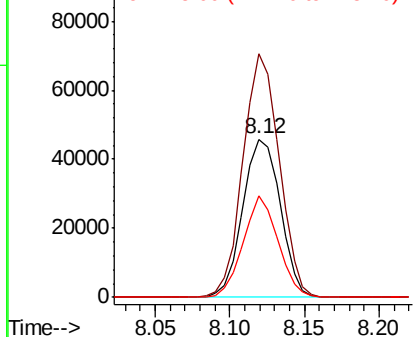
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Instrument :
BNA_G
ClientSampleId :
GIS-3(0-4)

Tot Ion:152 Resp: 80030
Ion Ratio Lower Upper
152 100
150 153.7 118.9 178.3
115 63.9 47.4 71.2



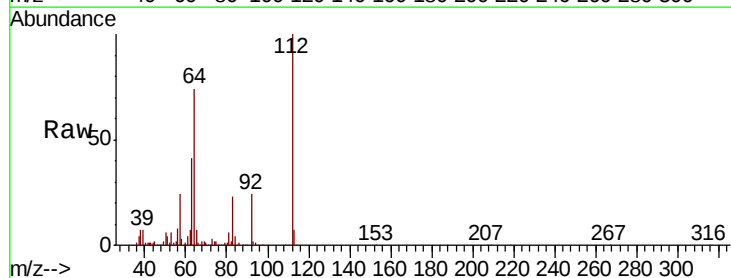
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



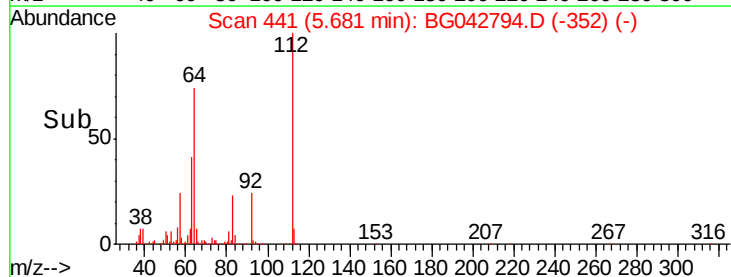
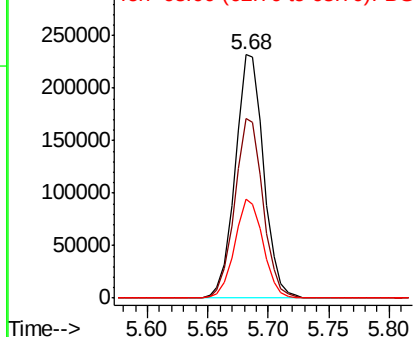
#5

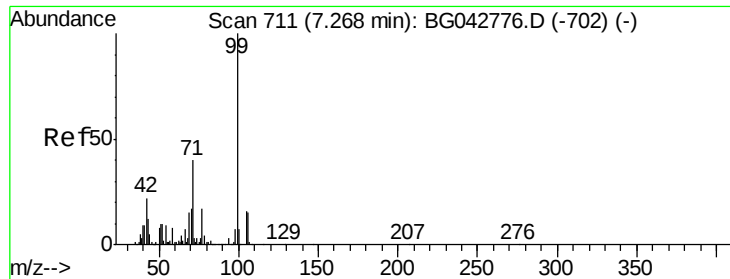
2-Fluorophenol
Concen: 82.486 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion:112 Resp: 379707
Ion Ratio Lower Upper
112 100
64 73.9 60.2 90.2
63 40.7 31.2 46.8



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: 85.757 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

GIS-3(0-4)

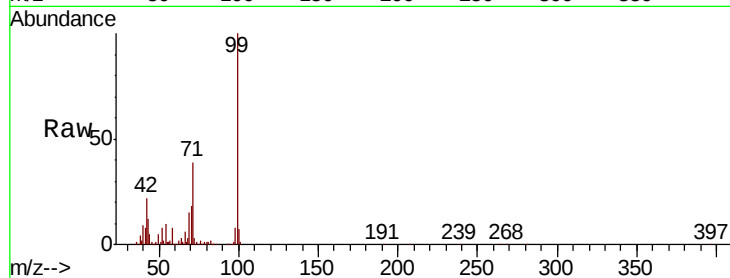
Tot Ion: 99 Resp: 566616

Ion Ratio Lower Upper

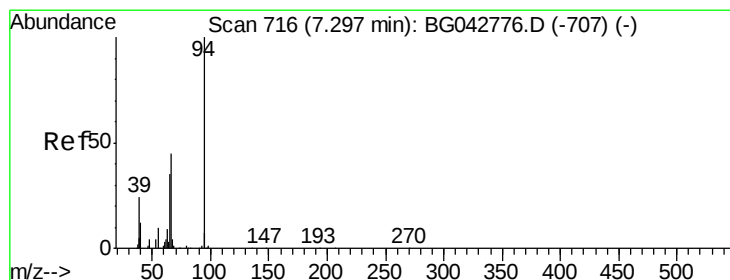
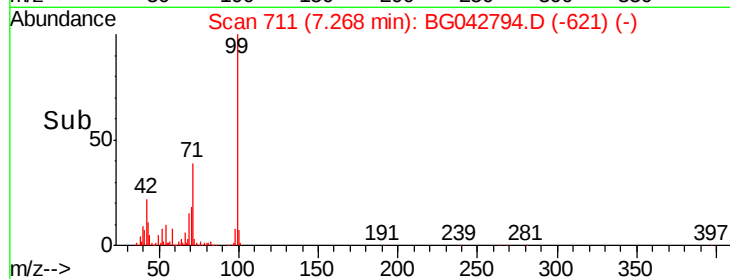
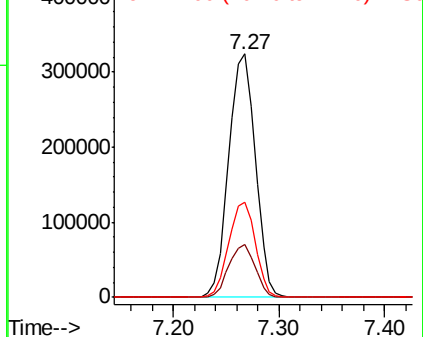
99 100

42 21.8 17.5 26.3

71 39.3 32.0 48.0



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: 2.295 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

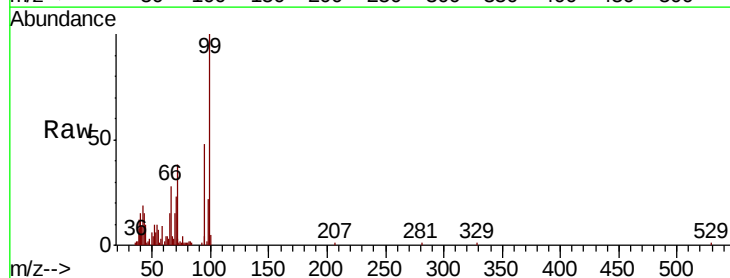
Tgt Ion: 94 Resp: 15549

Ion Ratio Lower Upper

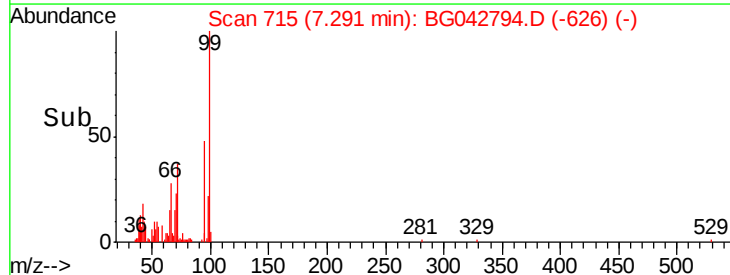
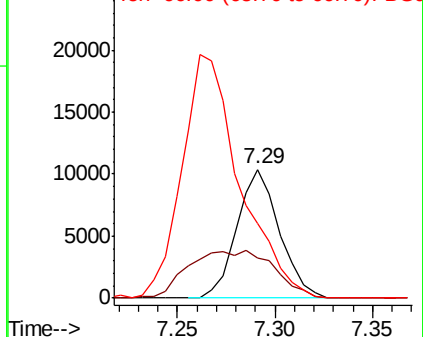
94 100

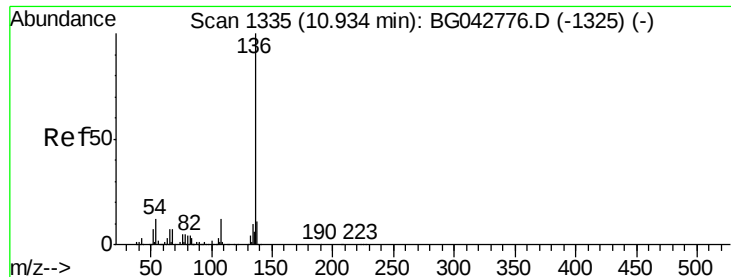
65 31.0 15.0 55.0

66 57.5 26.1 66.1



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

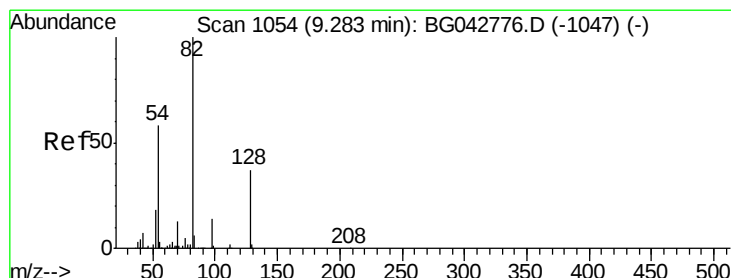
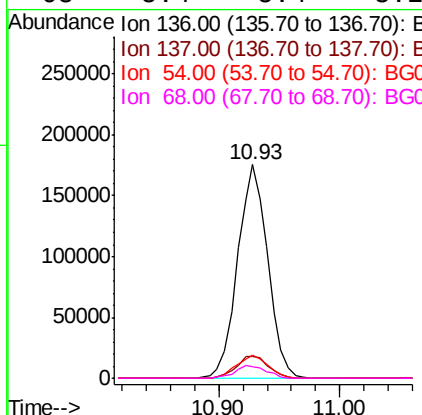
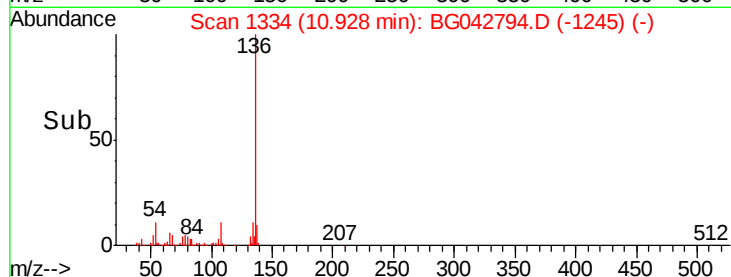
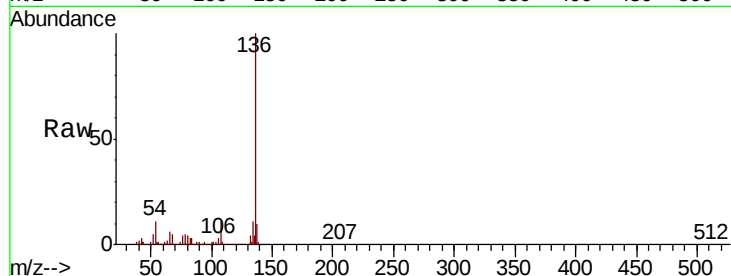




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

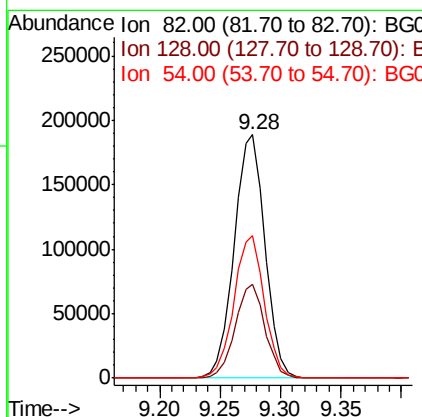
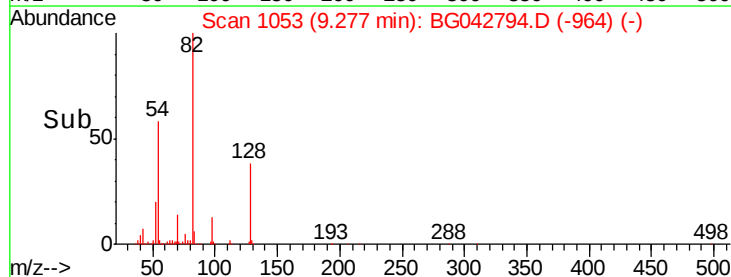
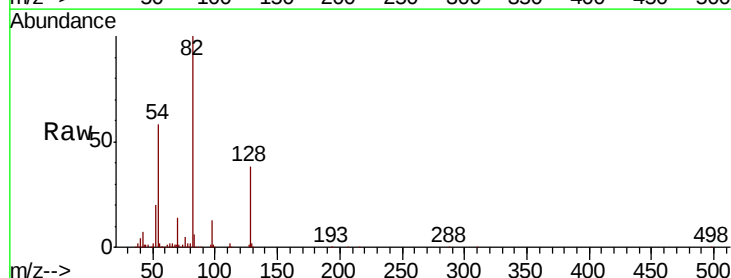
Instrument :
BNA_G
ClientSampleId :
GIS-3(0-4)

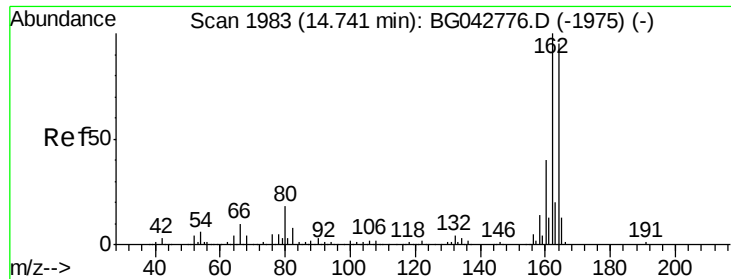
Tot Ion:136	Resp:	304006
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.0 13.6
54	11.0	9.4 14.0
68	5.4	5.4 8.2



#23
Nitrobenzene-d5
Concen: 57.515 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion: 82	Resp:	335843
Ion Ratio	Lower	Upper
82	100	
128	38.3	29.8 44.8
54	58.3	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

GIS-3(0-4)

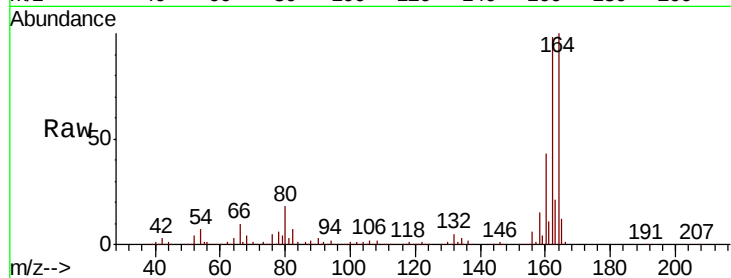
Tot Ion:164 Resp: 212262

Ion Ratio Lower Upper

164 100

162 98.2 84.6 126.8

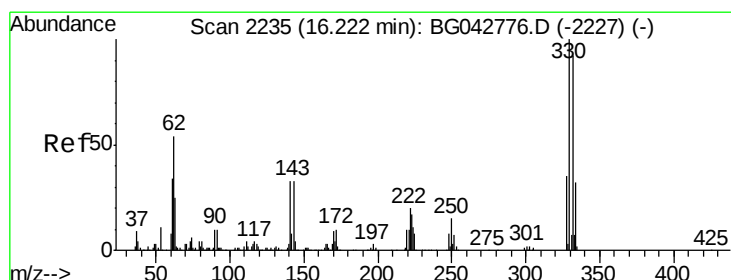
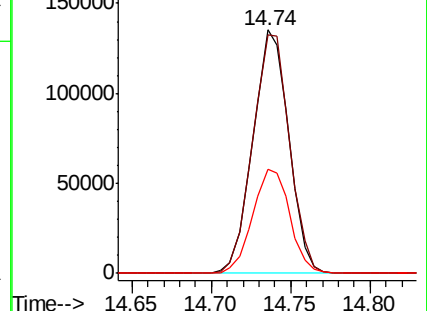
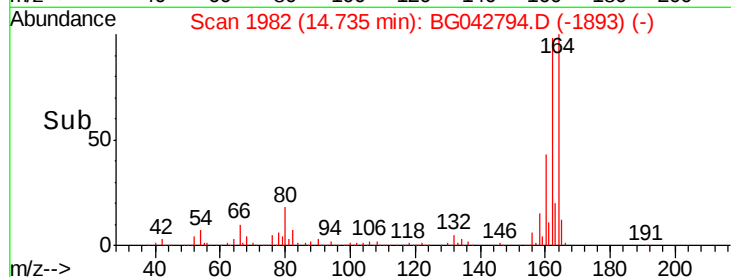
160 42.5 34.2 51.2



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: 83.887 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

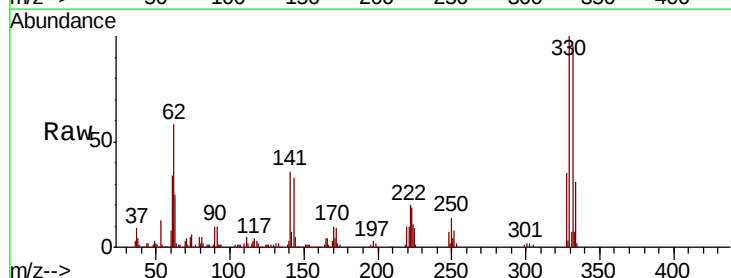
Tgt Ion:330 Resp: 236896

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

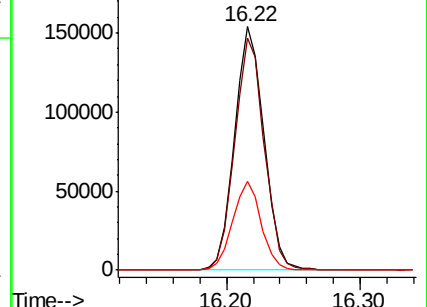
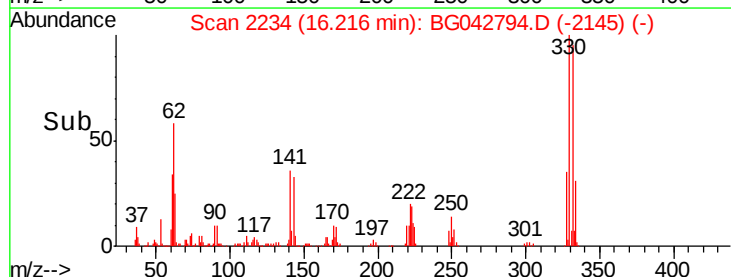
141 35.5 27.0 40.6

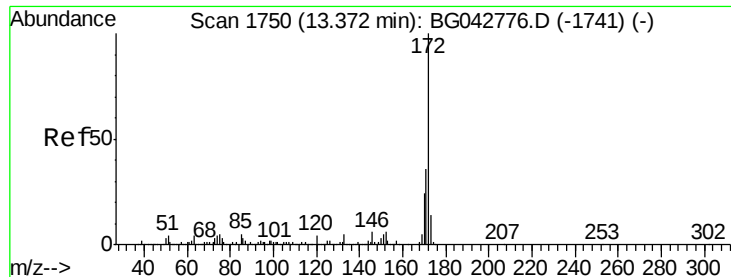


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

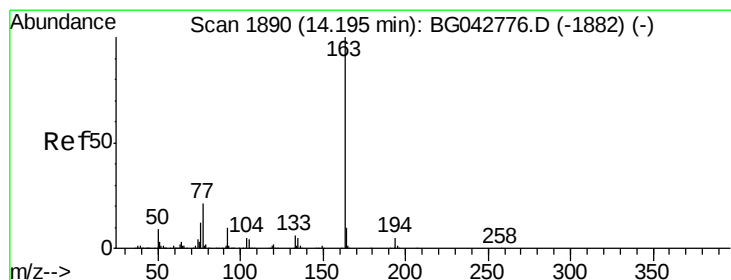
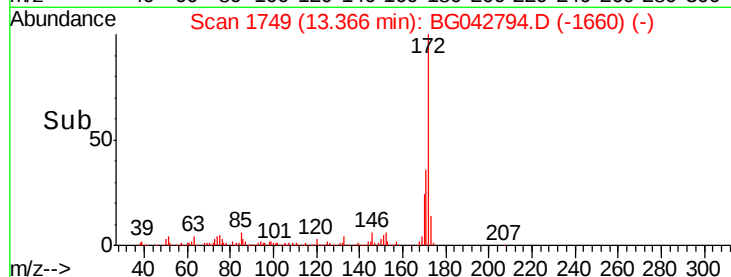
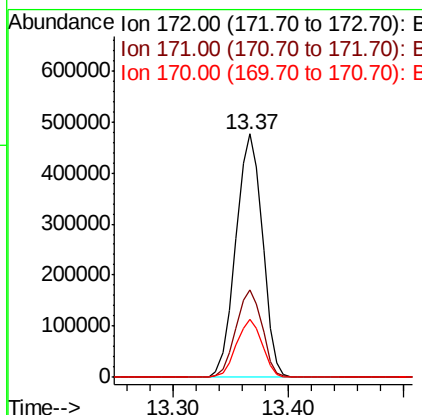
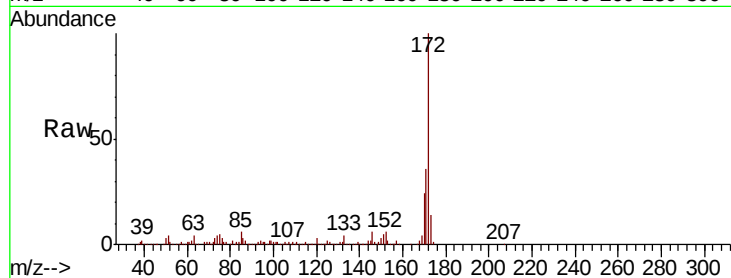




#45
2-Fluorobiphenyl
Concen: 56.509 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

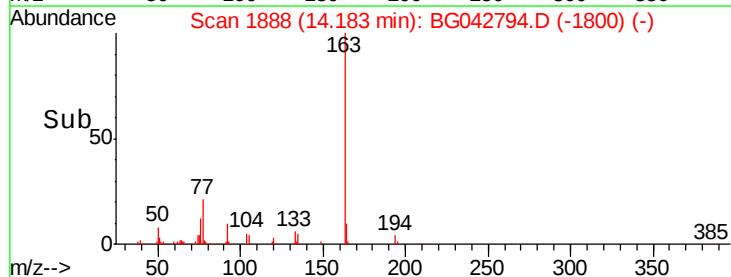
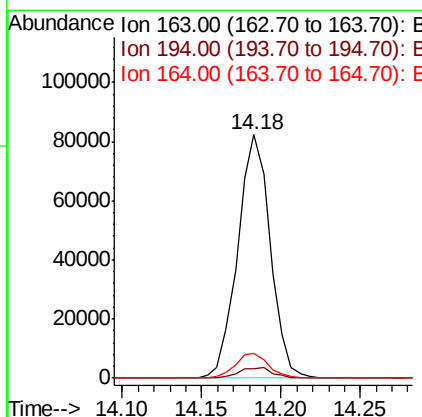
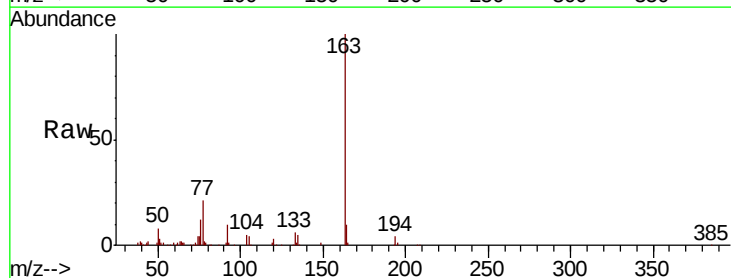
Instrument :
BNA_G
ClientSampleId :
GIS-3(0-4)

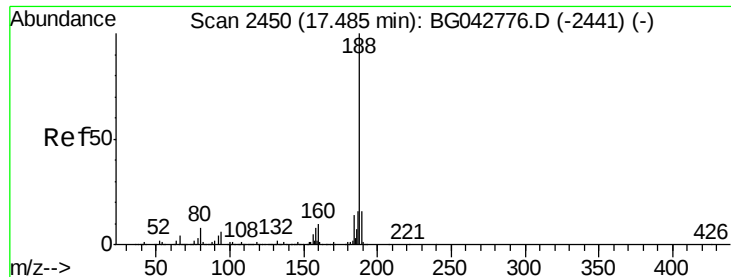
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.8	19.1	28.7



#50
Dimethylphthalate
Concen: 7.351 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.2	6.4#
164	10.4	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

GIS-3(0-4)

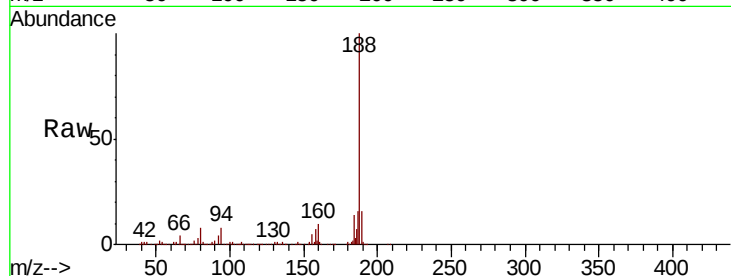
Tot Ion:188 Resp: 502317

Ion Ratio Lower Upper

188 100

94 7.5 4.8 7.2#

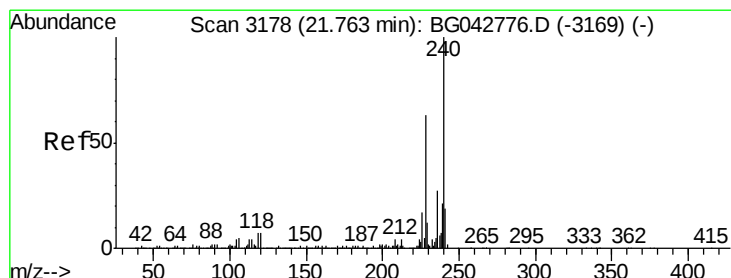
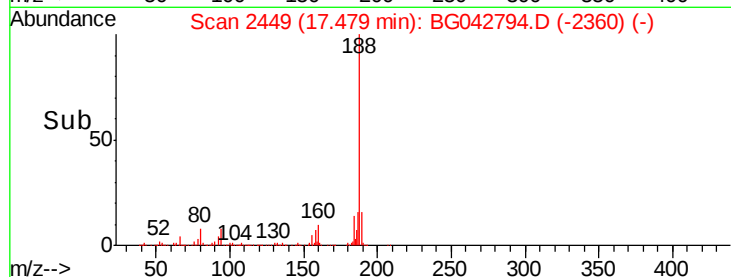
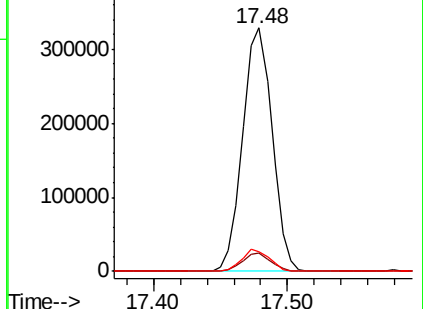
80 7.9 6.6 9.8



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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

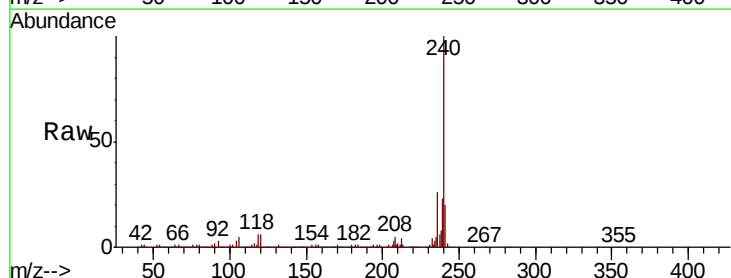
Tgt Ion:240 Resp: 522551

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

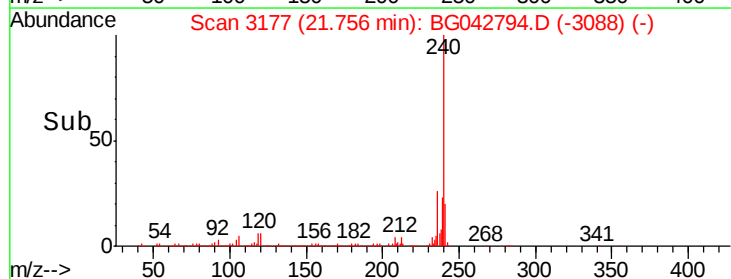
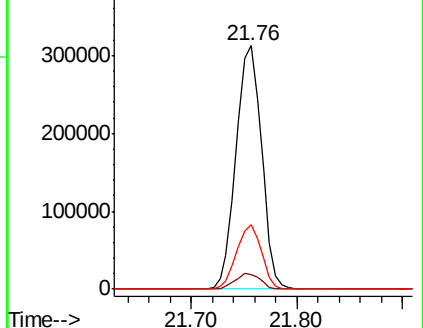
236 26.3 21.7 32.5

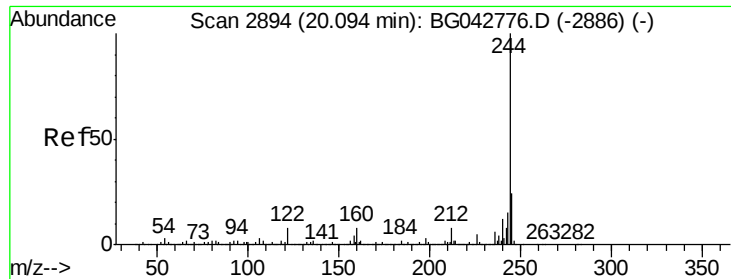


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.655 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

GIS-3(0-4)

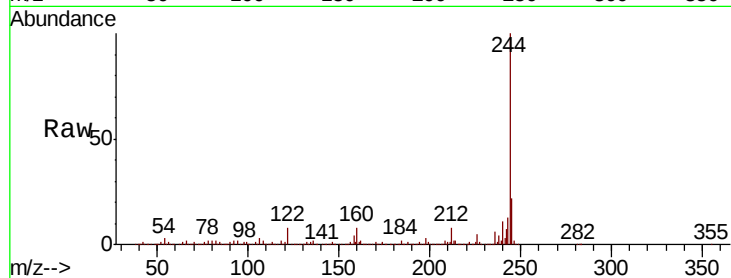
Tot Ion:244 Resp: 1359384

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

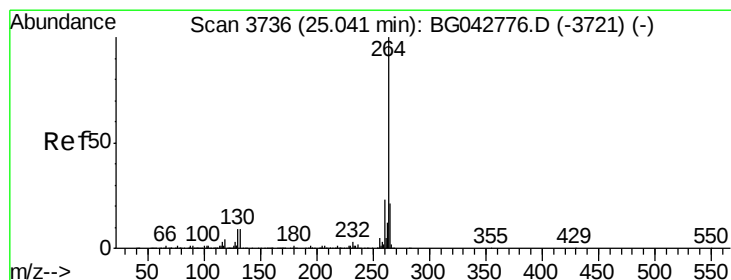
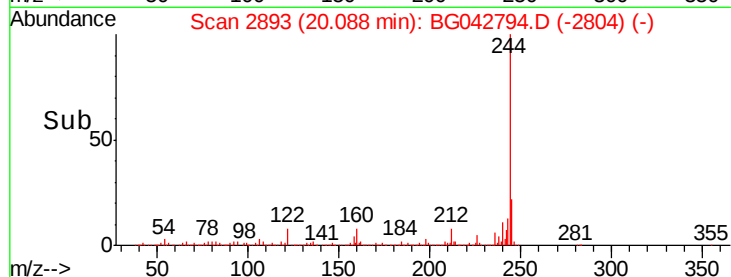
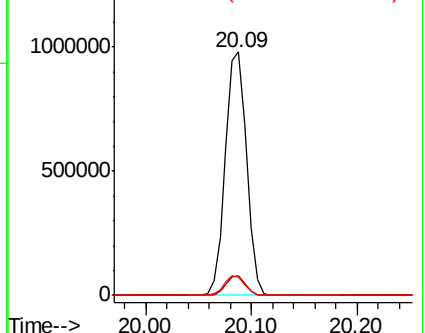
122 7.5 6.2 9.4



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. -0.02 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

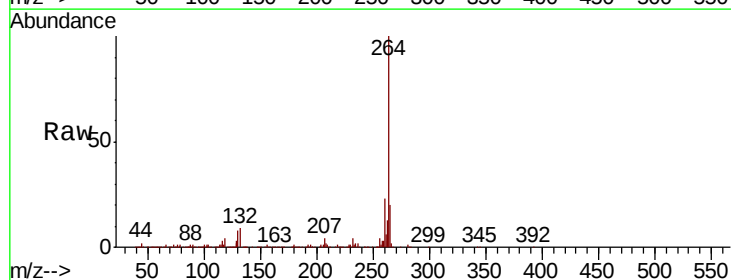
Tgt Ion:264 Resp: 550355

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 20.1 16.9 25.3



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

