

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043414.D
 Acq On : 30 Oct 2019 23:46
 Operator : JU
 Sample : K5569-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-DECON-WATER-102519

Quant Time: Oct 31 06:40:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

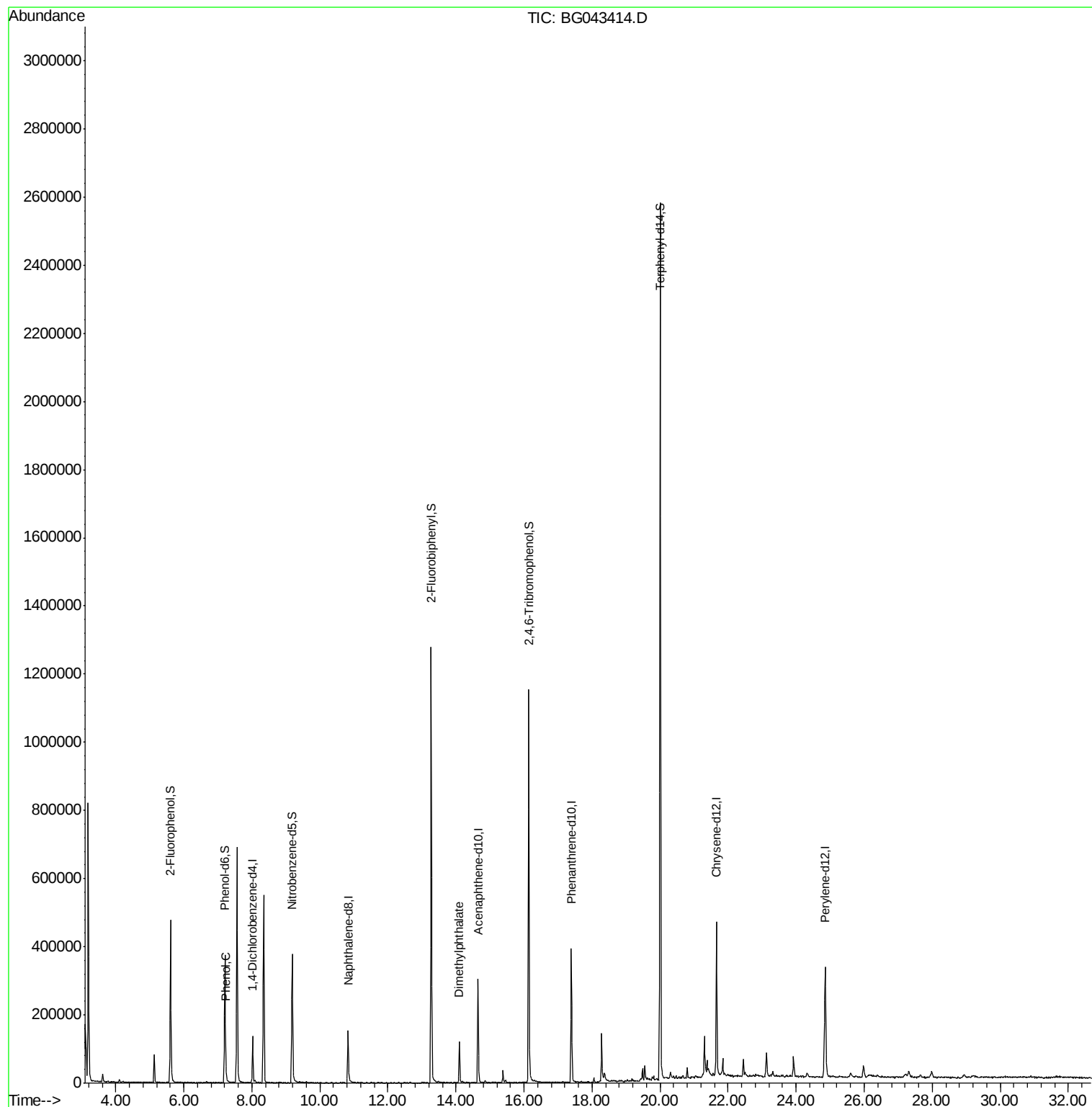
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42066	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150964	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115881	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	278336	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	296484	20.00	ng	-0.01
87) Perylene-d12	24.85	264	354543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234504	102.15	ng	0.00
7) Phenol-d6	7.20	99	241447	73.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	256001	87.42	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	287924	130.56	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	736469	87.82	ng	0.00
79) Terphenyl-d14	20.01	244	1451363	91.84	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12845	4.256	ng	91
50) Dimethylphthalate	14.10	163	92232	10.276	ng	99

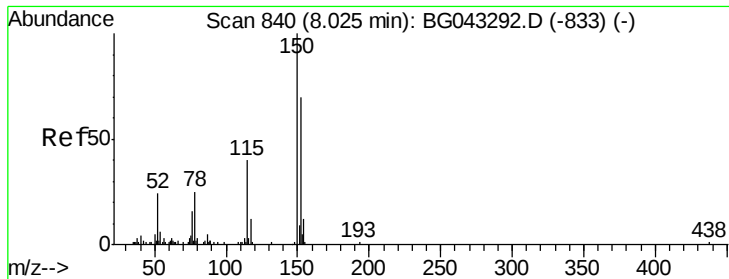
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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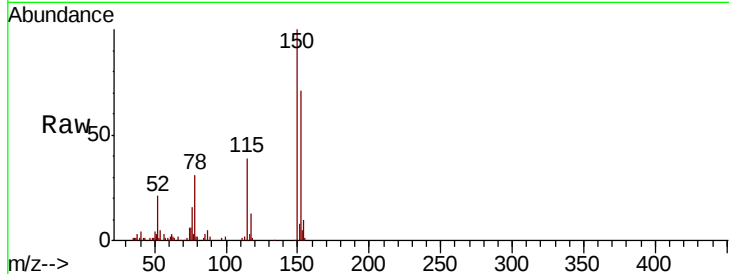


#1

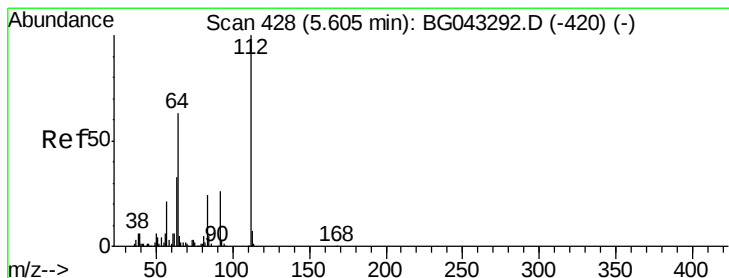
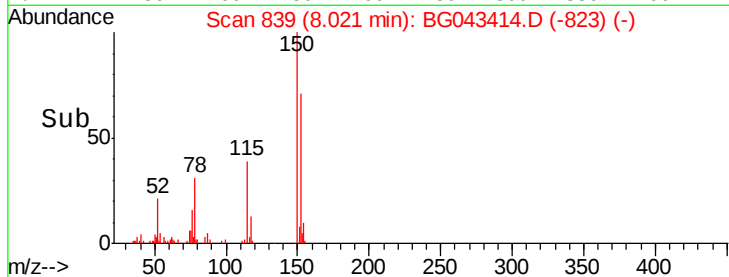
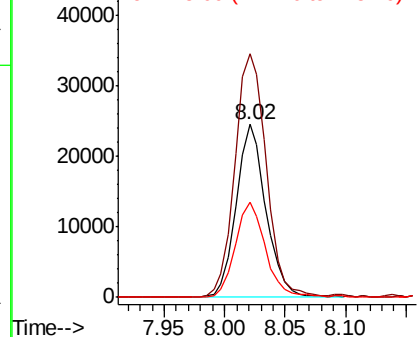
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-102519

Tot Ion:152 Resp: 42066
Ion Ratio Lower Upper
152 100
150 140.6 113.6 170.4
115 54.7 45.9 68.9



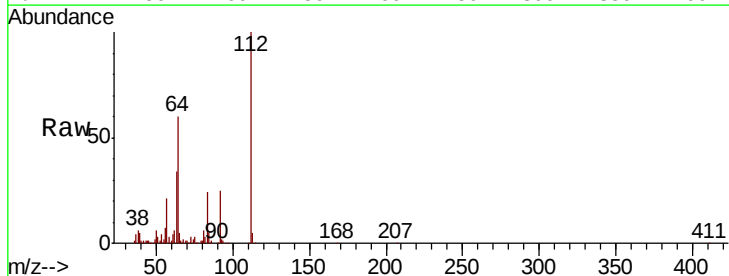
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



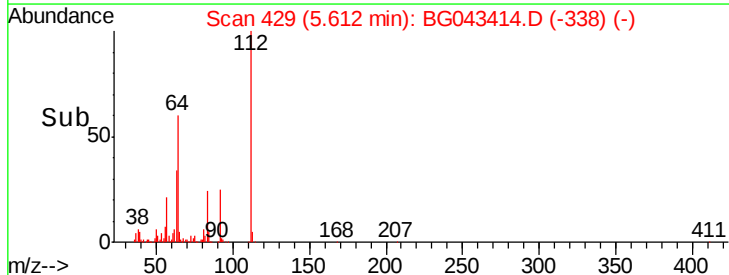
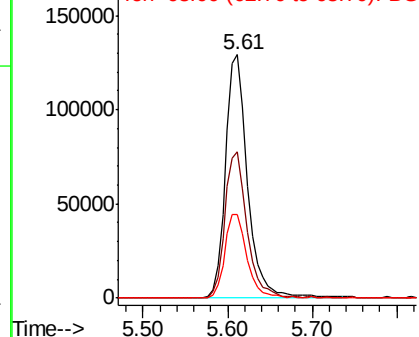
#5

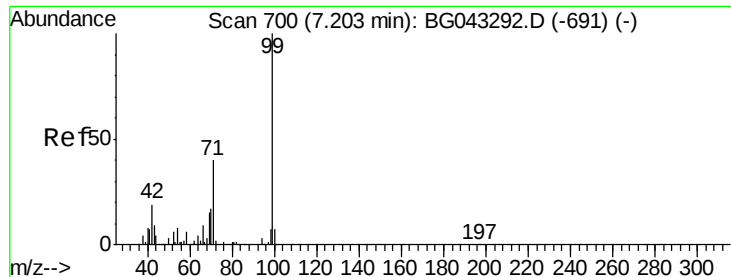
2-Fluorophenol
Concen: 102.153 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion:112 Resp: 234504
Ion Ratio Lower Upper
112 100
64 59.9 50.2 75.2
63 34.5 26.7 40.1



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: 73.103 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-102519

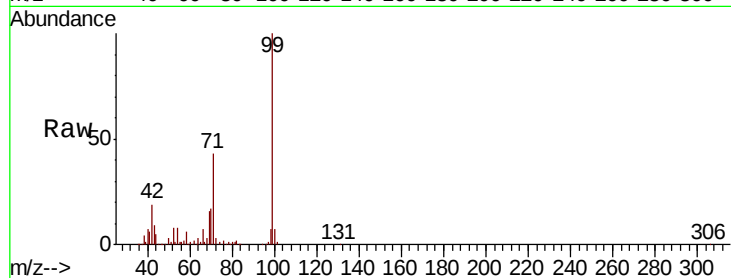
Tot Ion: 99 Resp: 241447

Ion Ratio Lower Upper

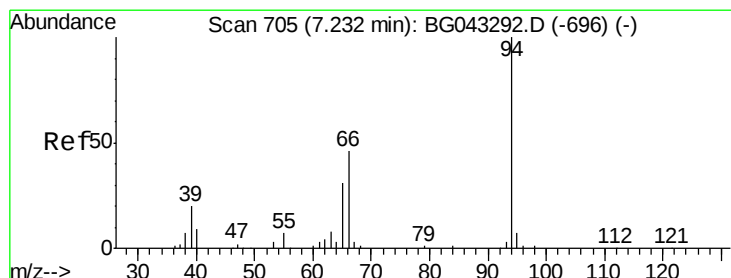
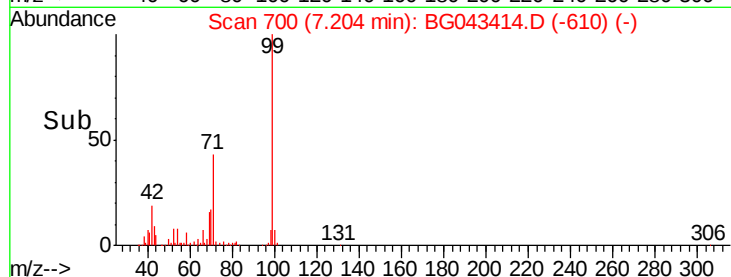
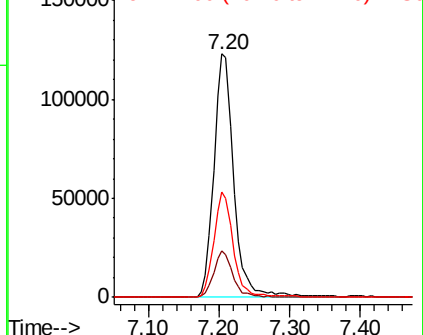
99 100

42 19.0 14.9 22.3

71 43.2 32.2 48.2



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: 4.256 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

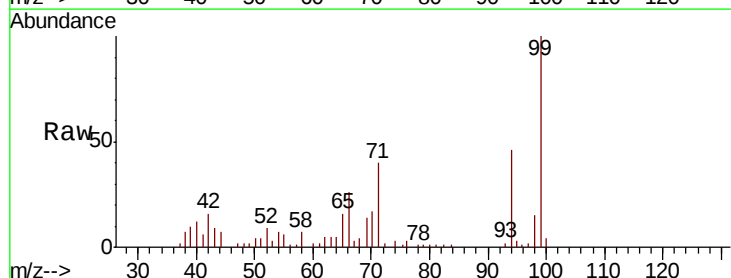
Tgt Ion: 94 Resp: 12845

Ion Ratio Lower Upper

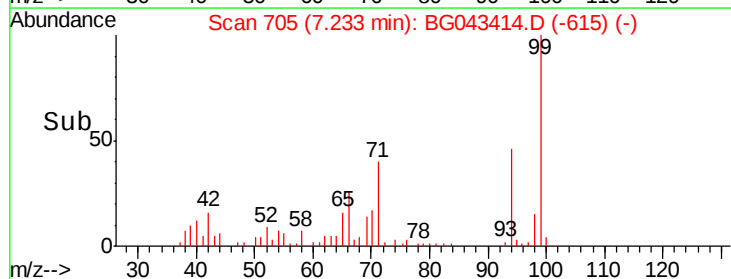
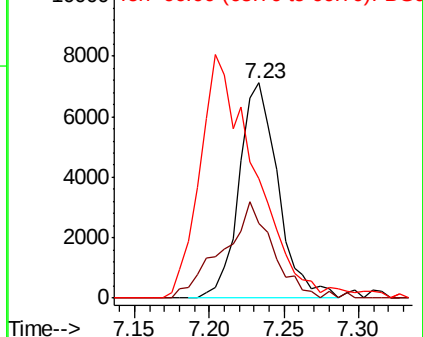
94 100

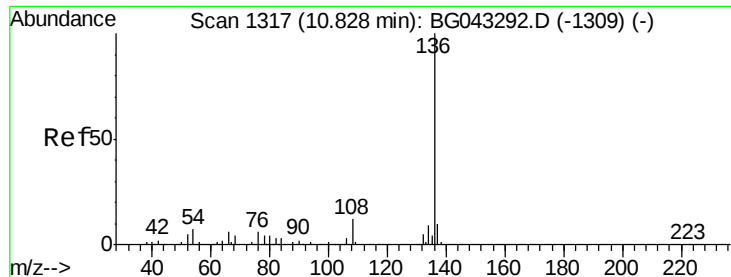
65 34.6 11.1 51.1

66 55.3 27.8 67.8



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

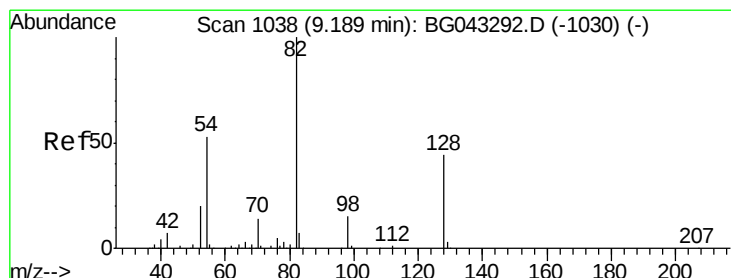
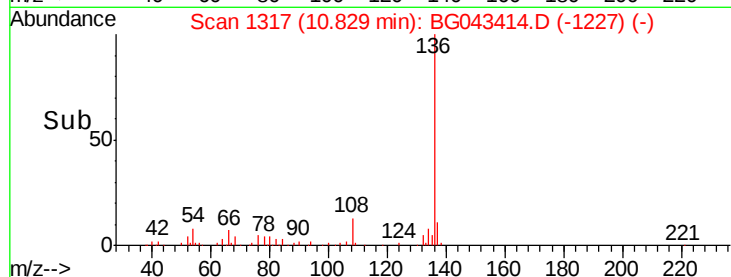
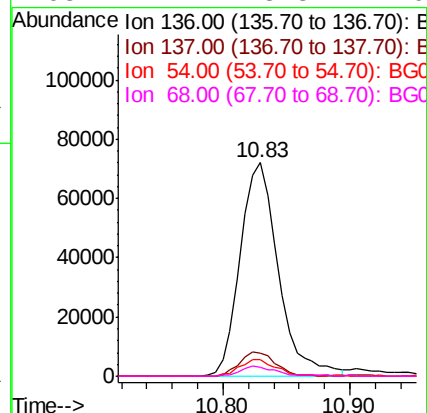
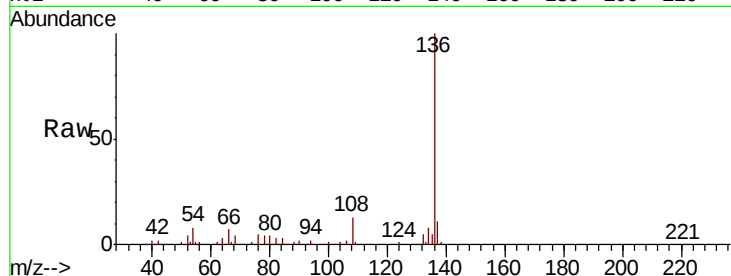




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

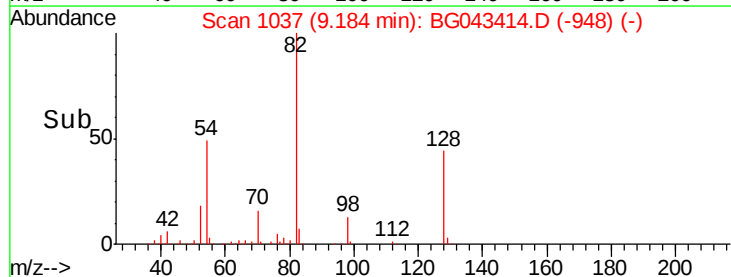
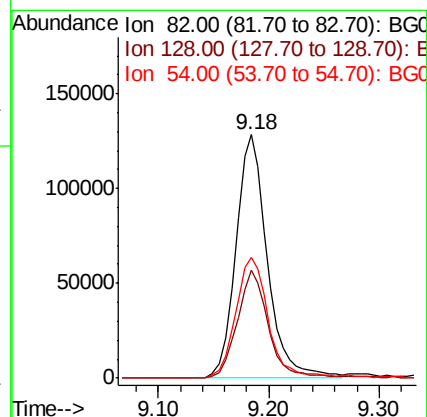
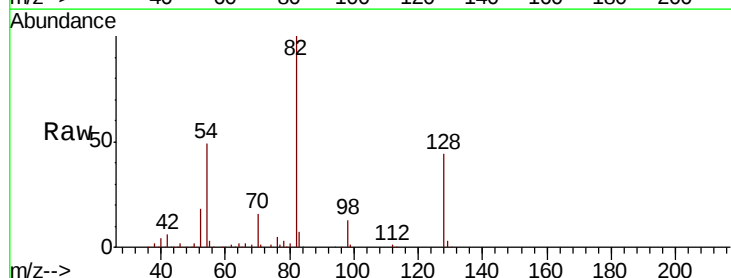
Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-102519

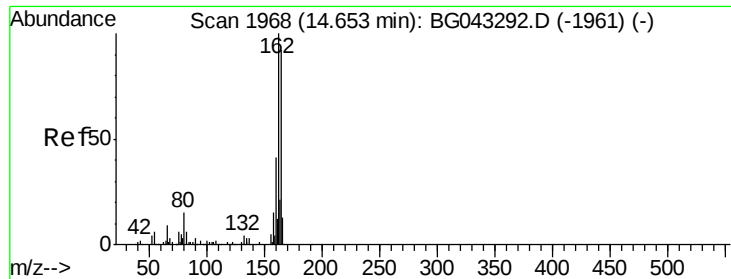
Tot Ion:136	Resp:	150964
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.2 12.2
54	7.8	5.4 8.2
68	4.4	3.3 4.9



#23
Nitrobenzene-d5
Concen: 87.425 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion: 82	Resp:	256001
Ion	Ratio	Lower Upper
82	100	
128	44.3	35.3 52.9
54	49.4	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-102519

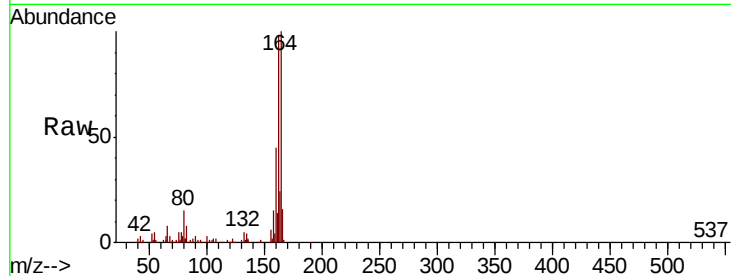
Tot Ion:164 Resp: 115881

Ion Ratio Lower Upper

164 100

162 98.0 87.0 130.4

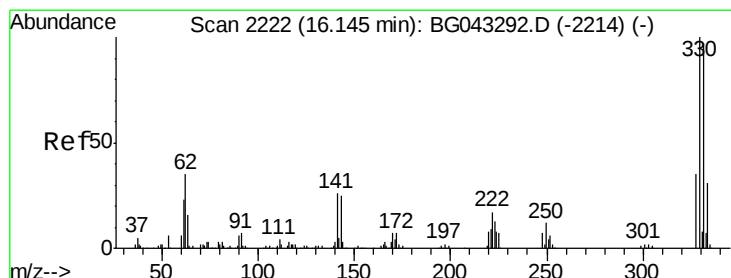
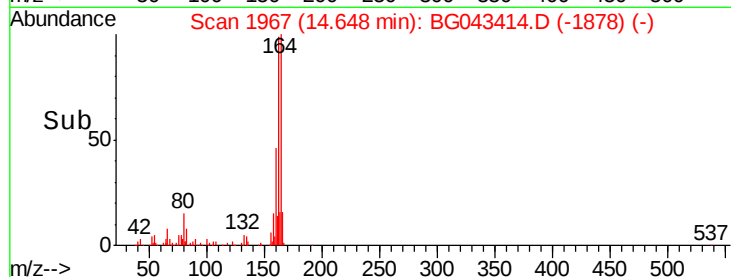
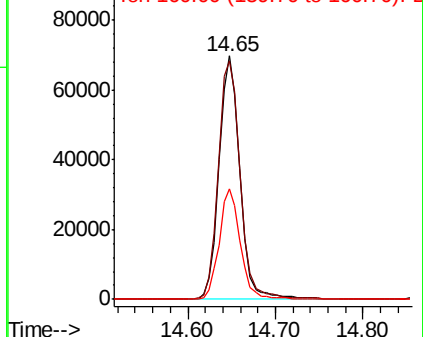
160 45.2 35.5 53.3



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: 130.565 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

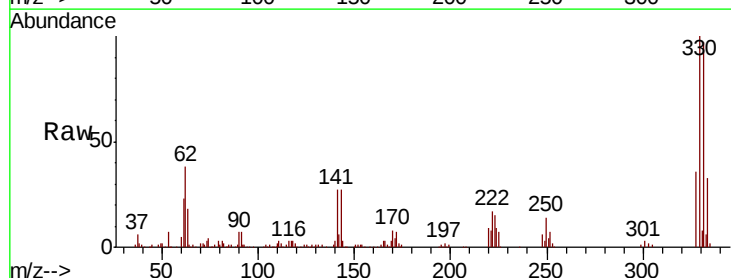
Tgt Ion:330 Resp: 287924

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

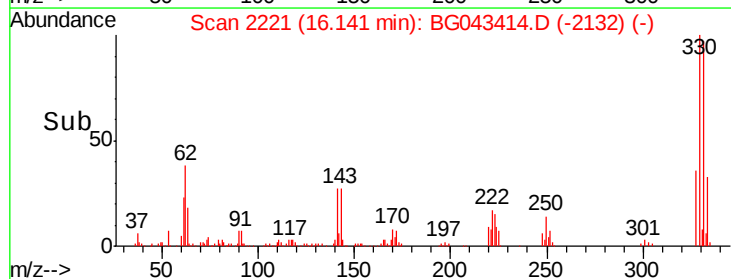
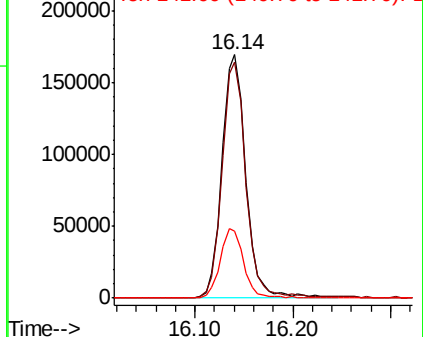
141 28.2 21.4 32.0

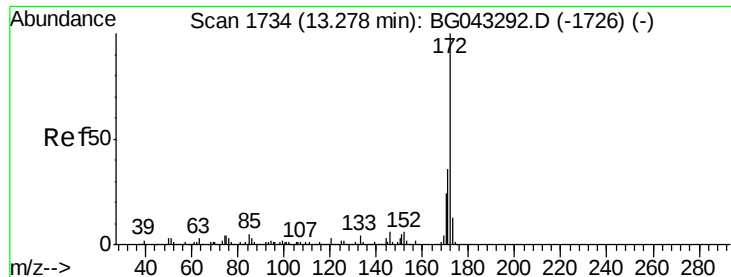


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

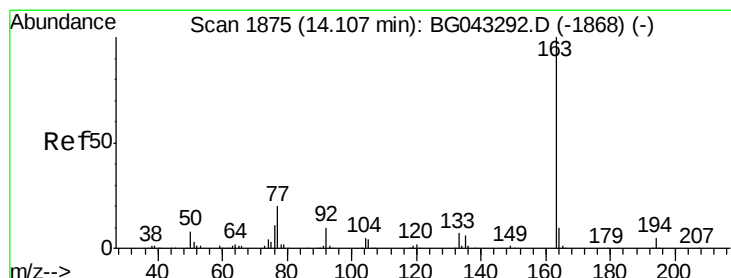
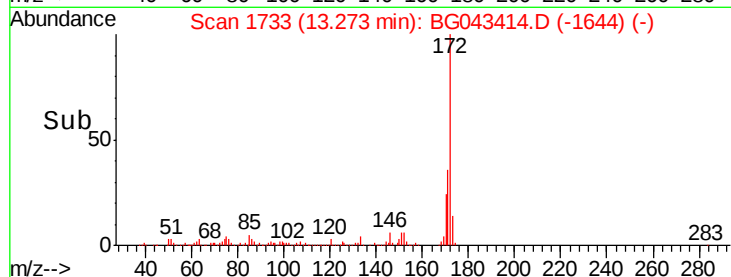
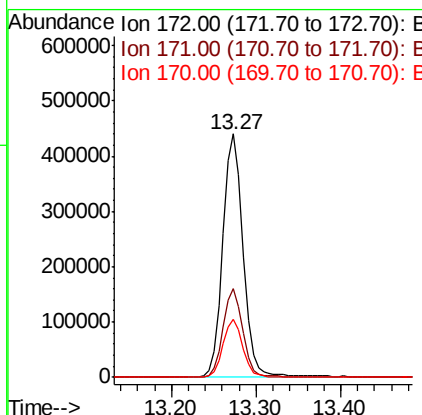
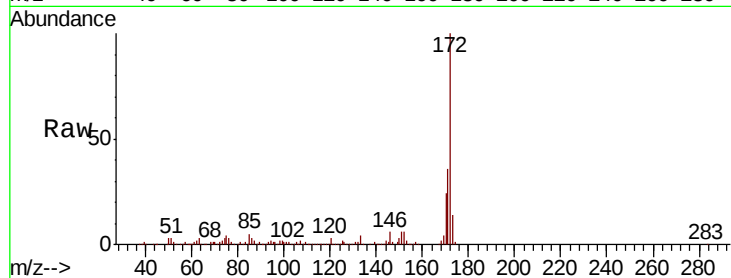




#45
2-Fluorobiphenyl
Concen: 87.819 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

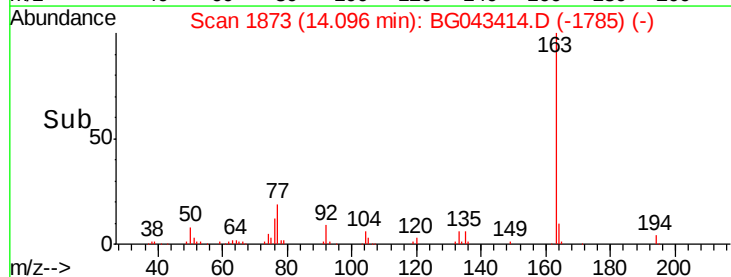
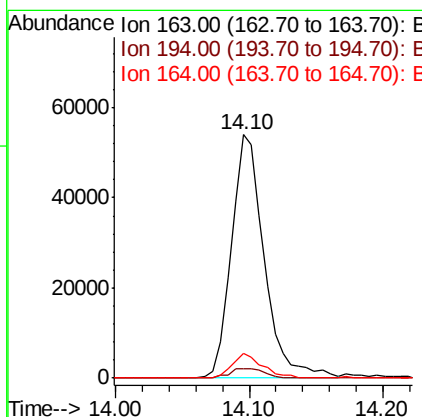
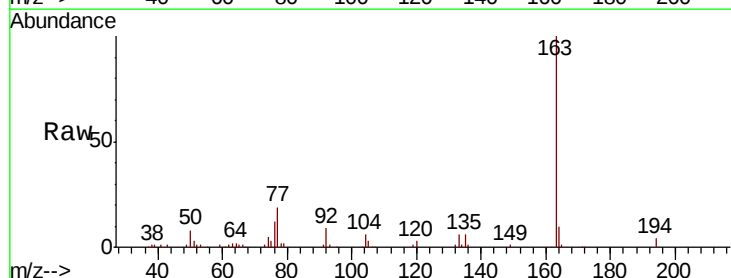
Instrument :
BNA_G
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IDW-DECON-WATER-102519

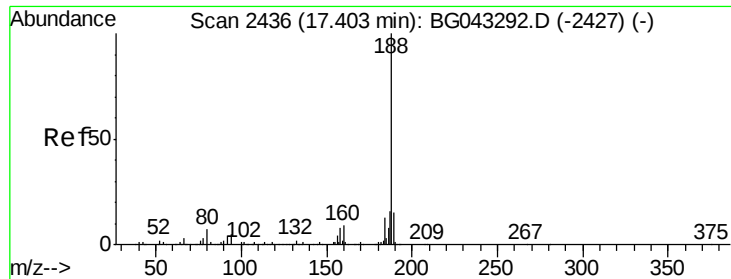
Tot Ion:172 Resp: 736469
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.0 18.8 28.2



#50
Dimethylphthalate
Concen: 10.276 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion:163 Resp: 92232
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.0 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-102519

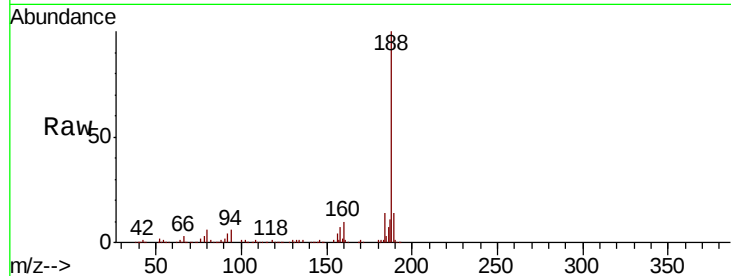
Tot Ion:188 Resp: 278336

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

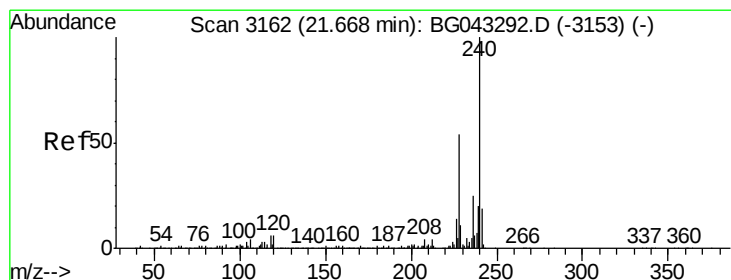
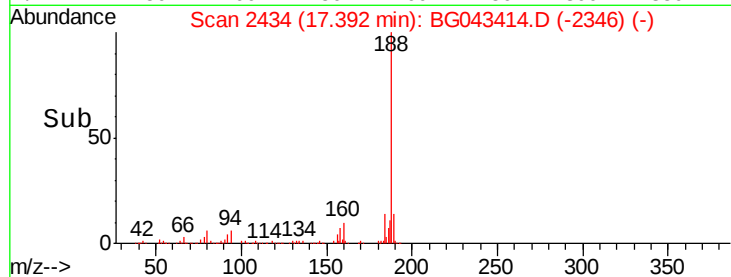
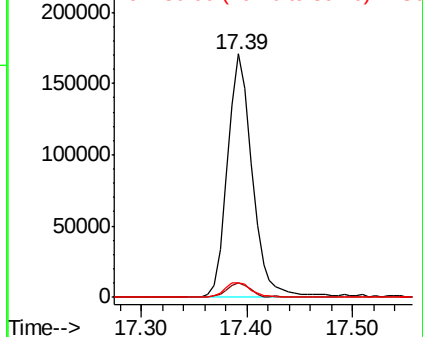
80 6.1 5.2 7.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

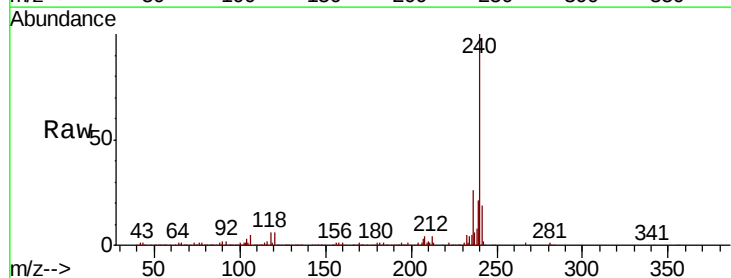
Tgt Ion:240 Resp: 296484

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

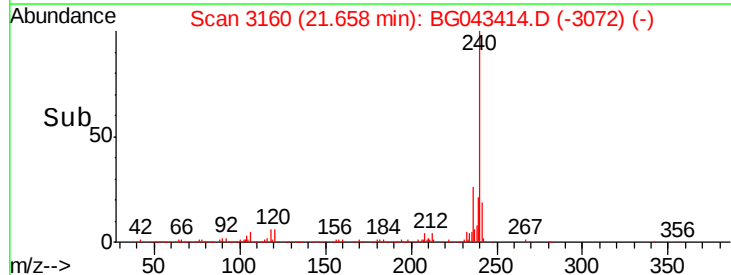
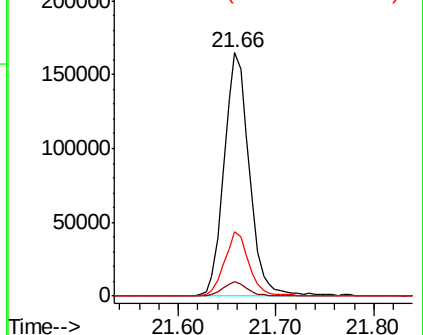
236 26.3 20.2 30.4

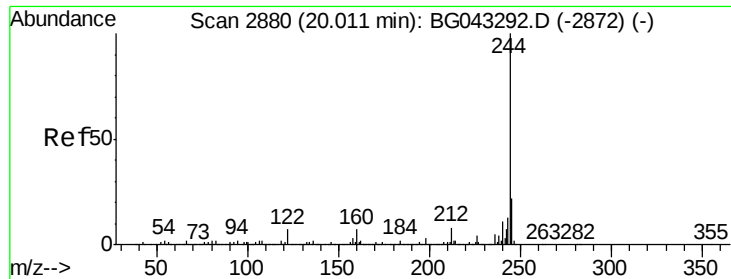


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.838 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

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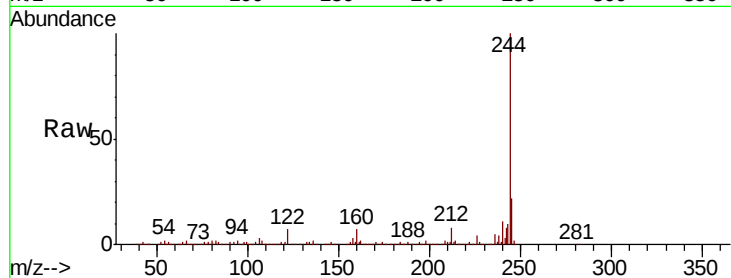
Tot Ion:244 Resp: 1451363

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

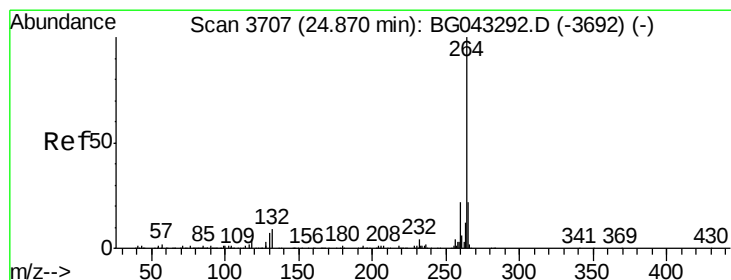
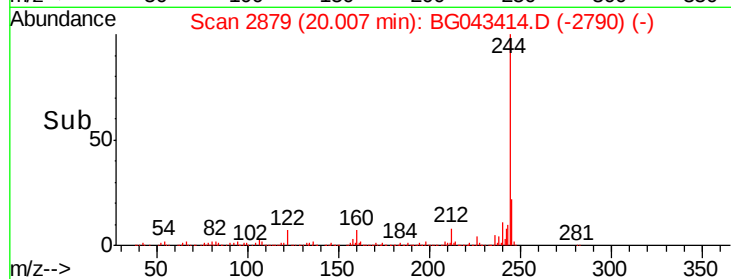
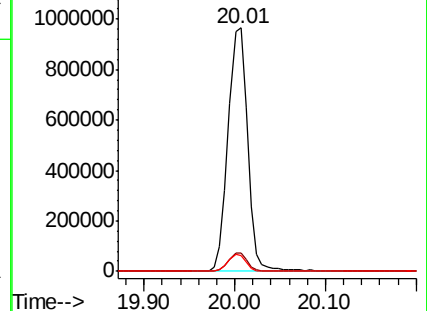
122 6.7 5.3 7.9



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

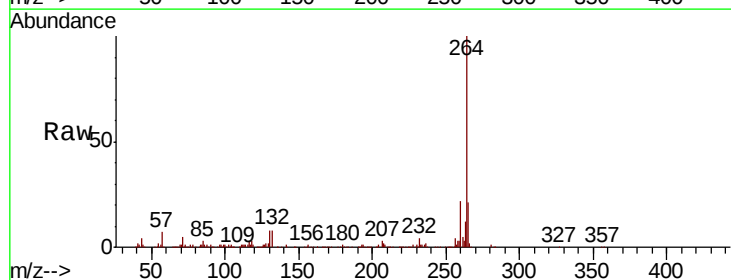
Tgt Ion:264 Resp: 354543

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

265 21.1 17.4 26.2



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

