

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043716.D
 Acq On : 20 Nov 2019 4:01
 Operator : JU
 Sample : K5669-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-111519

Quant Time: Nov 20 05:57:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

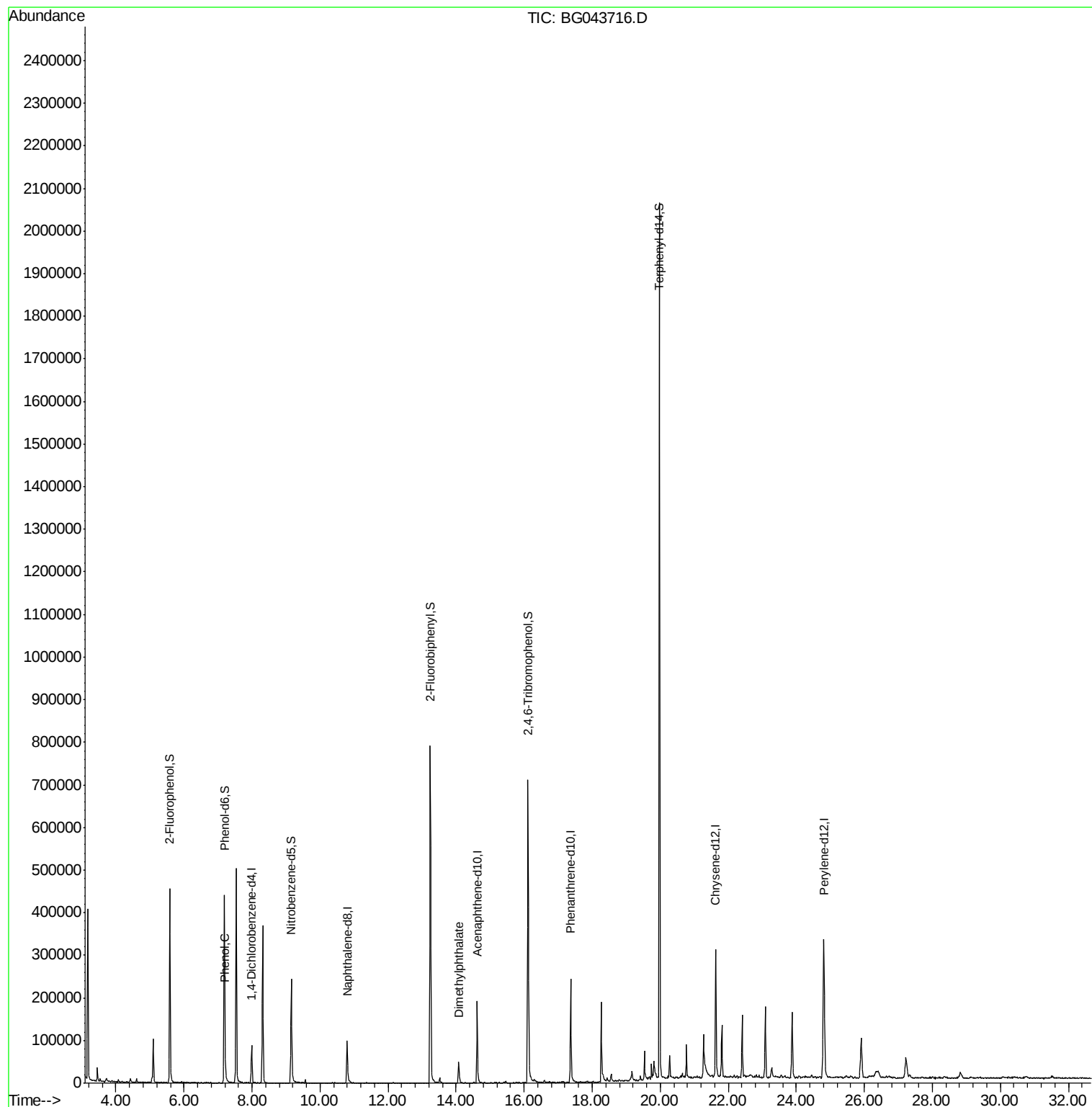
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27339	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	96339	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	73349	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	188265	20.00	ng	0.00
76) Chrysene-d12	21.63	240	205955	20.00	ng	0.00
87) Perylene-d12	24.81	264	241714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	210395	141.02	ng	0.00
7) Phenol-d6	7.18	99	279131	130.04	ng	0.00
23) Nitrobenzene-d5	9.16	82	174577	93.42	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	184142	131.92	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	481980	90.80	ng	0.00
79) Terphenyl-d14	19.98	244	1065317	97.04	ng	0.00
Target Compounds						
10) Phenol	7.21	94	15035	7.665	ng	84
50) Dimethylphthalate	14.07	163	46402	8.167	ng	# 96

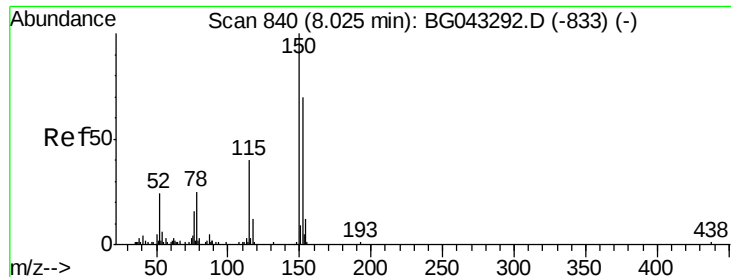
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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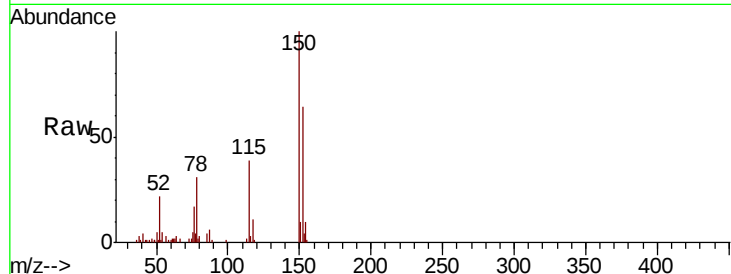


#1

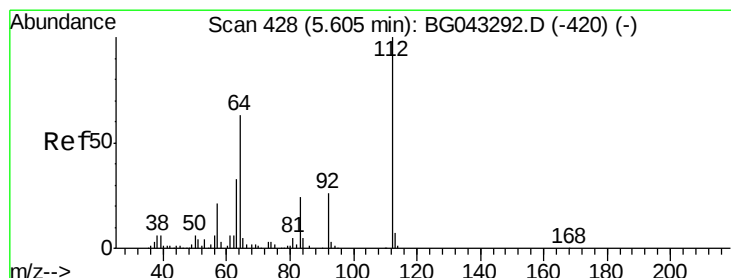
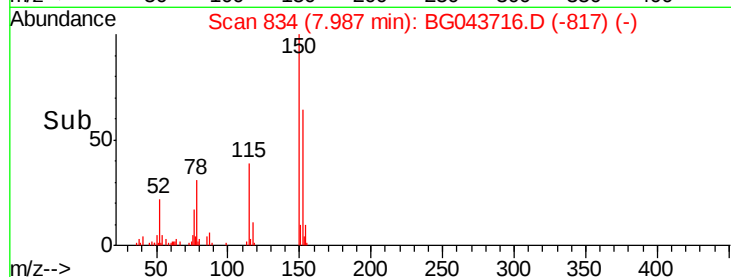
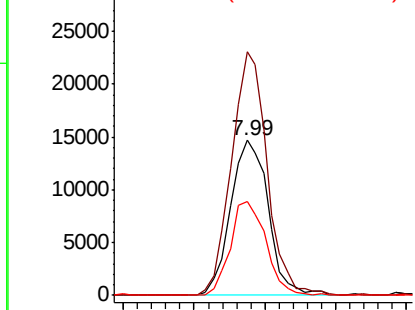
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tot Ion:152 Resp: 27339
Ion Ratio Lower Upper
152 100
150 156.9 116.6 175.0
115 60.8 40.5 60.7#



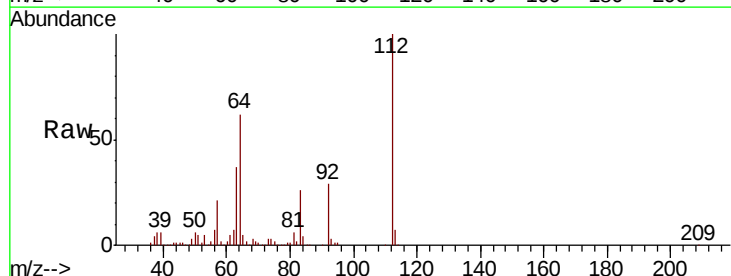
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



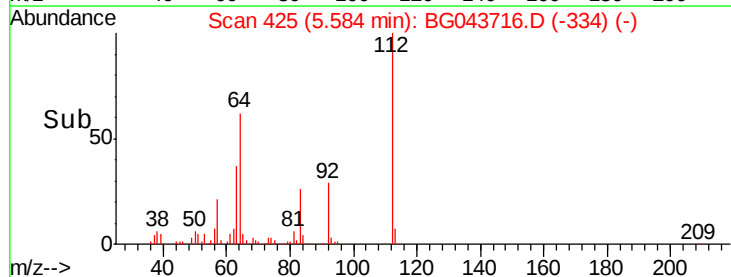
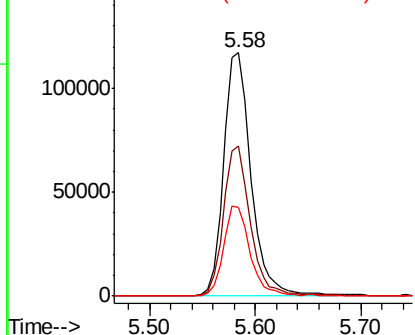
#5

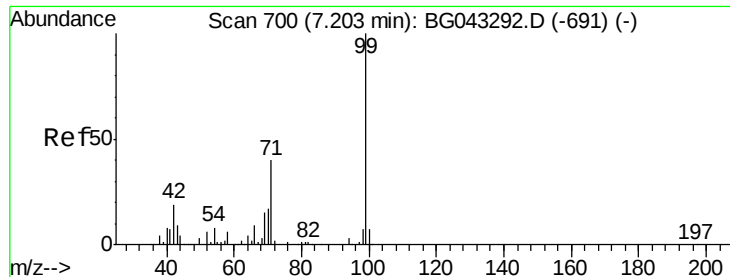
2-Fluorophenol
Concen: 141.021 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:112 Resp: 210395
Ion Ratio Lower Upper
112 100
64 61.9 50.6 75.8
63 36.5 30.5 45.7



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: 130.037 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

Instrument :

BNA_G

ClientSampleId :

CL-02-111519

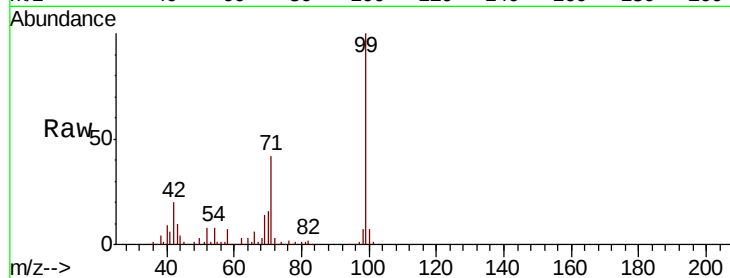
Tot Ion: 99 Resp: 279131

Ion Ratio Lower Upper

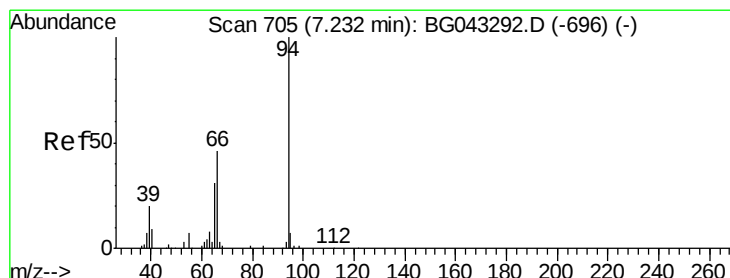
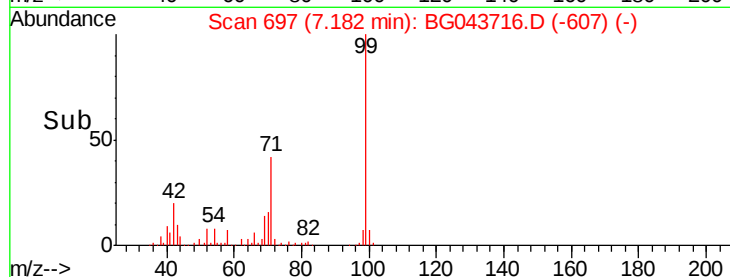
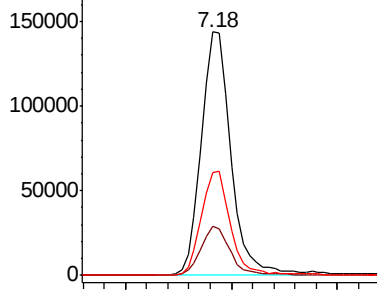
99 100

42 20.0 15.8 23.8

71 42.1 34.4 51.6



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: 7.665 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

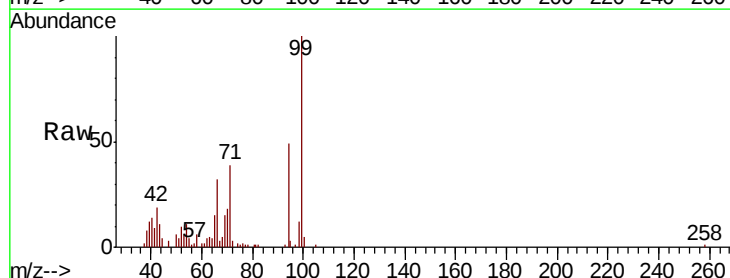
Tgt Ion: 94 Resp: 15035

Ion Ratio Lower Upper

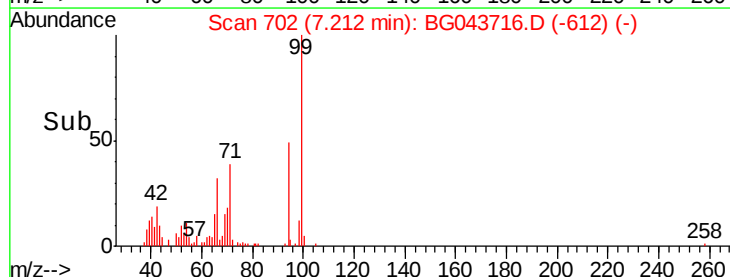
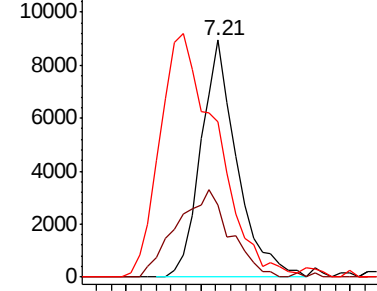
94 100

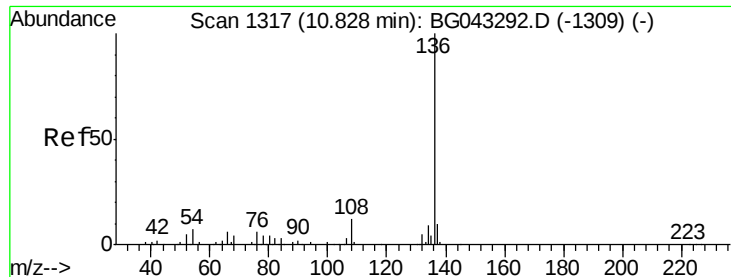
65 30.5 11.4 51.4

66 65.7 28.4 68.4



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

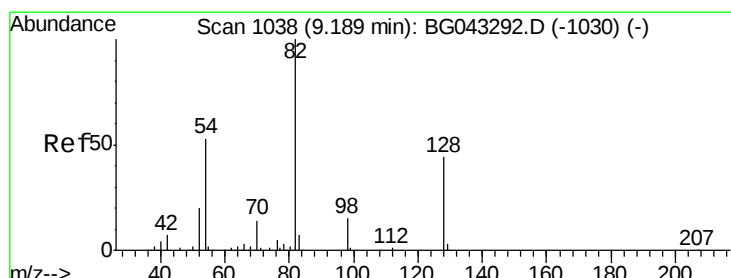
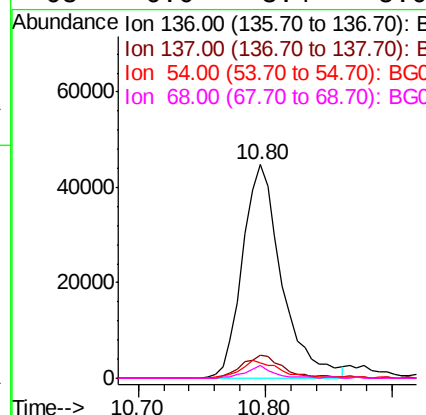
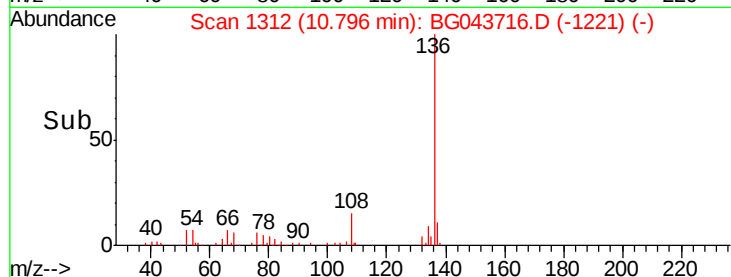
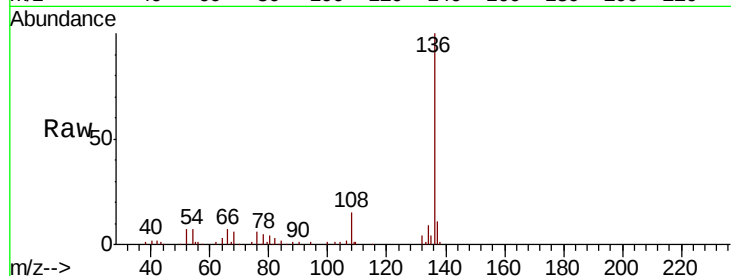




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

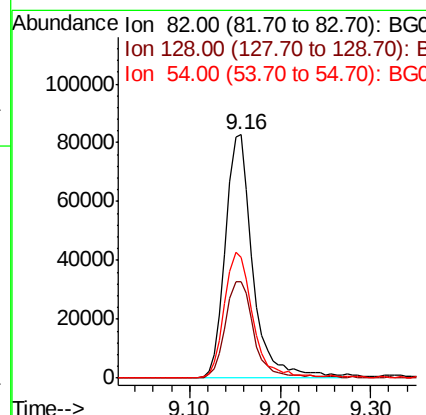
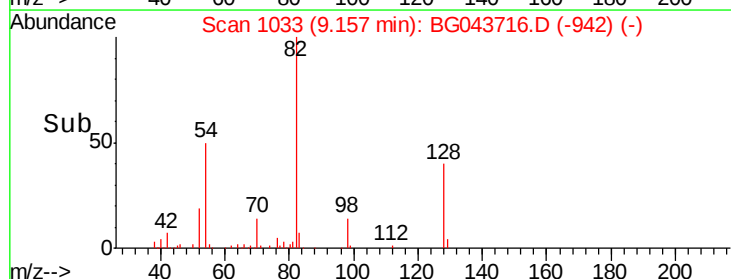
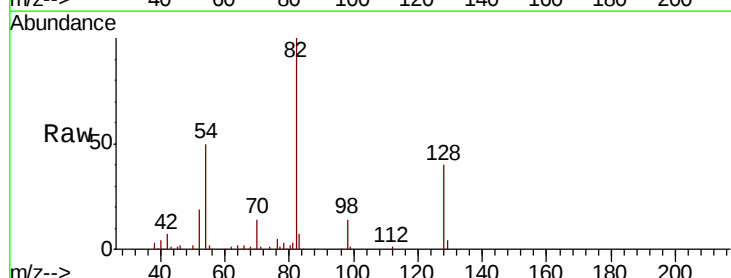
Instrument :
BNA_G
ClientSampleId :
CL-02-111519

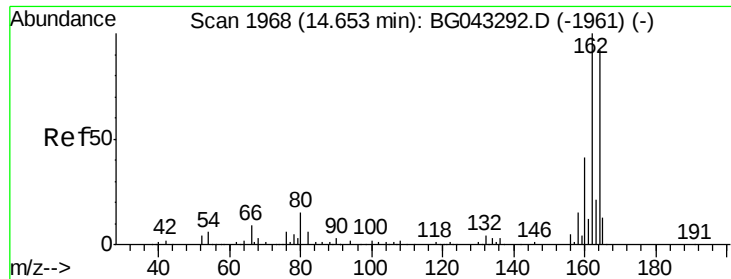
Tot Ion:136	Resp:	96339
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.3	6.2 9.2
68	6.0	3.4 5.0



#23
Nitrobenzene-d5
Concen: 93.423 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion: 82	Resp:	174577
Ion Ratio	Lower	Upper
82	100	
128	39.6	34.2 51.4
54	49.5	44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

Instrument :

BNA_G

ClientSampleId :

CL-02-111519

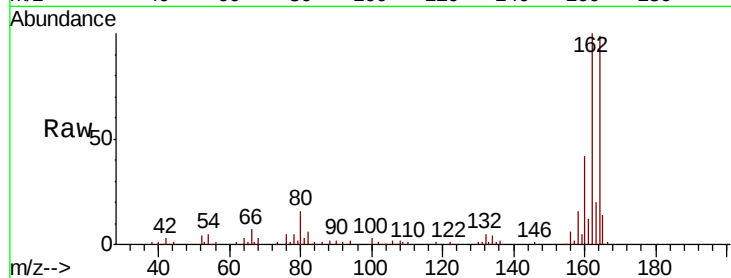
Tot Ion:164 Resp: 73349

Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.2

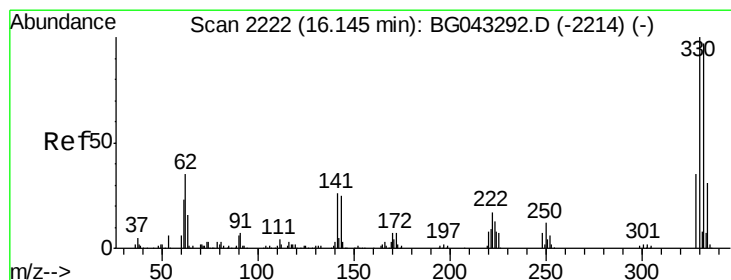
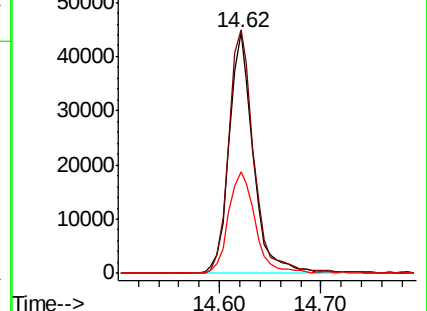
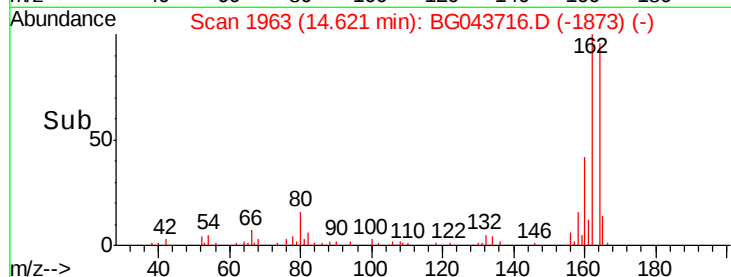
160 42.1 36.3 54.5



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: 131.923 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

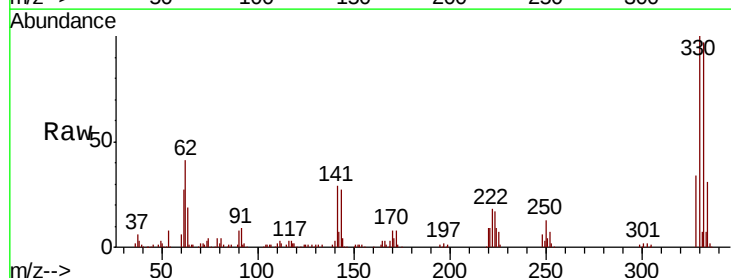
Tgt Ion:330 Resp: 184142

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

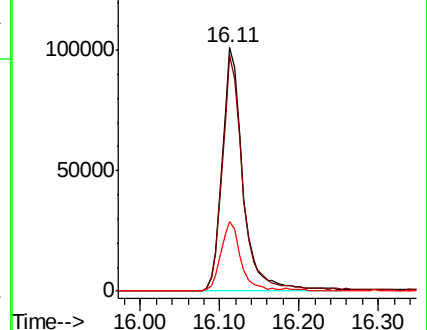
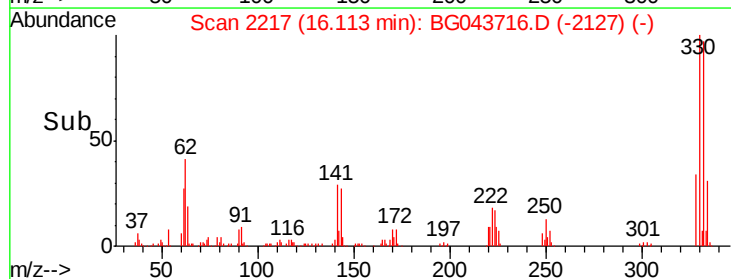
141 28.1 23.4 35.2

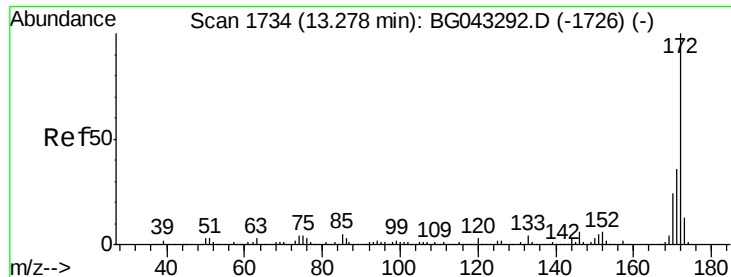


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

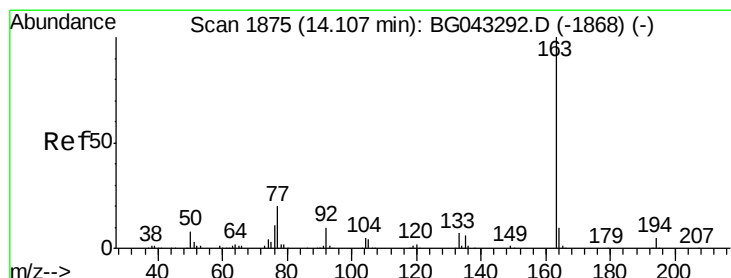
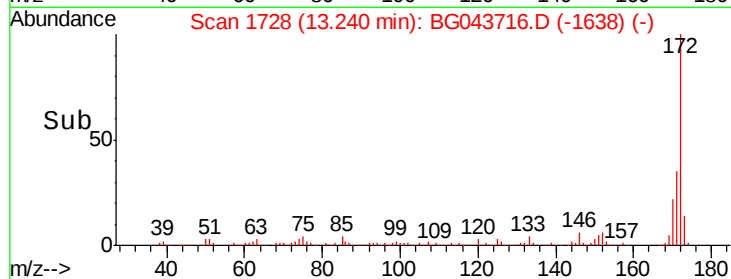
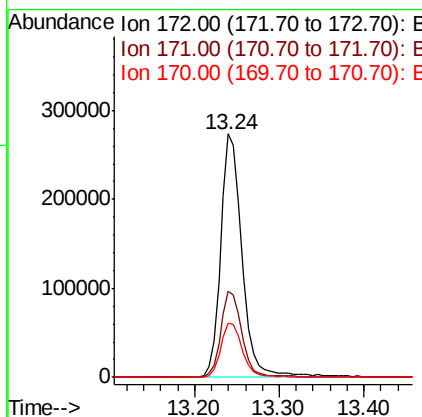
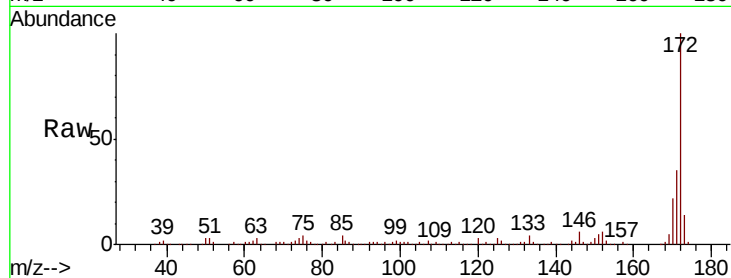




#45
 2-Fluorobiphenyl
 Concen: 90.799 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043716.D
 Acq: 20 Nov 2019 4:01

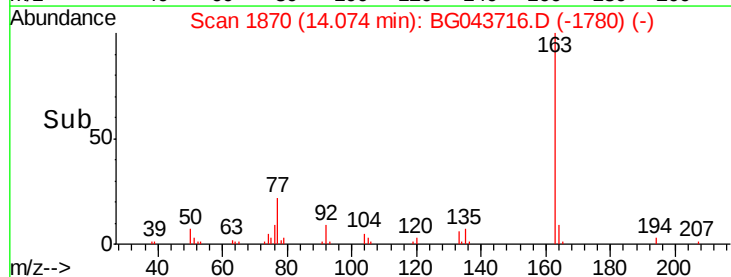
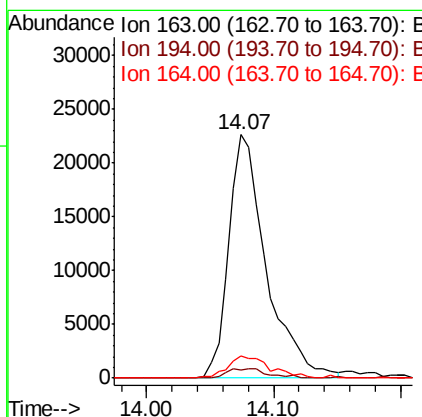
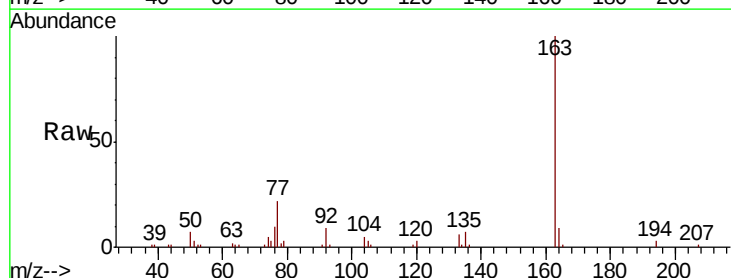
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-111519

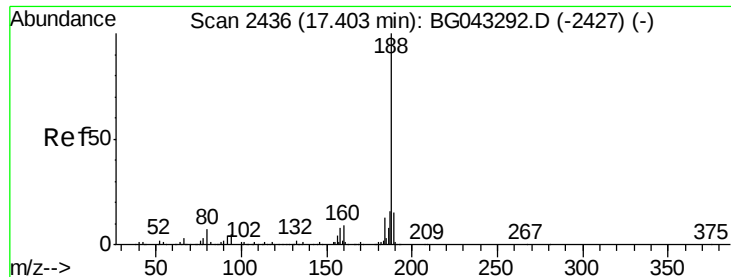
Tot Ion:172 Resp: 481980
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 22.3 18.8 28.2



#50
 Dimethylphthalate
 Concen: 8.167 ng
 RT: 14.07 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BG043716.D
 Acq: 20 Nov 2019 4:01

Tgt Ion:163 Resp: 46402
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.8 5.8#
 164 9.2 8.5 12.7

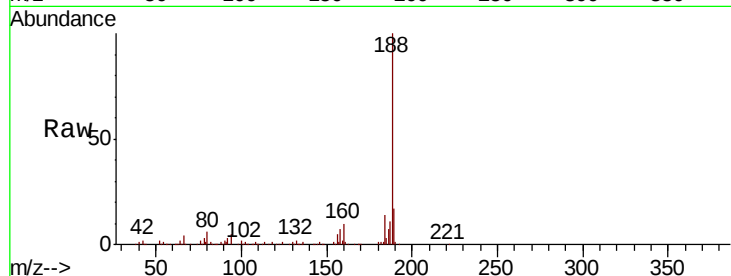




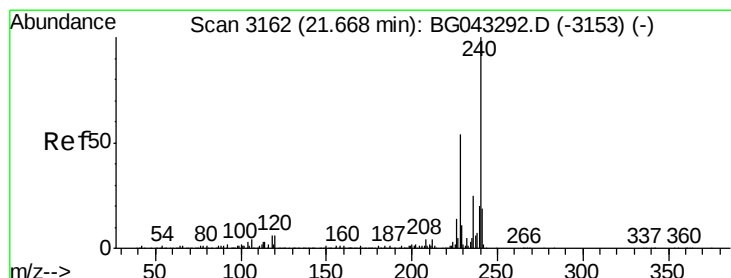
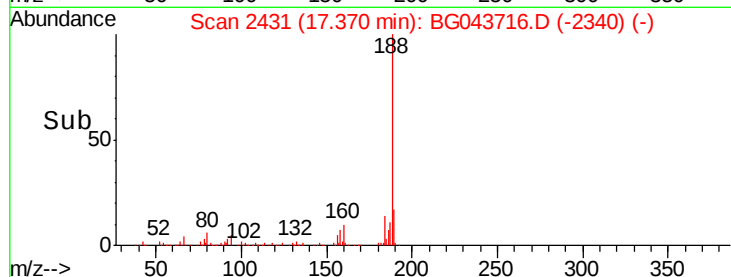
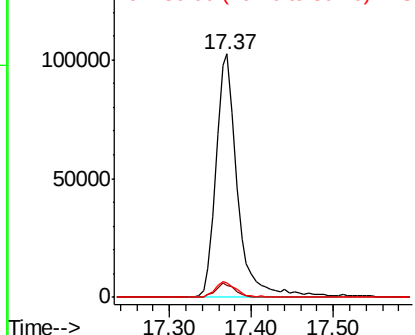
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.6	7.0
80	6.1	5.2	7.8

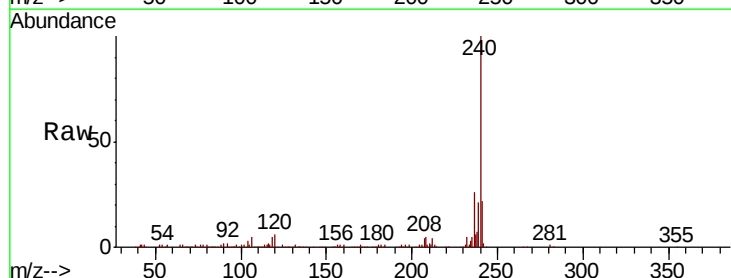


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

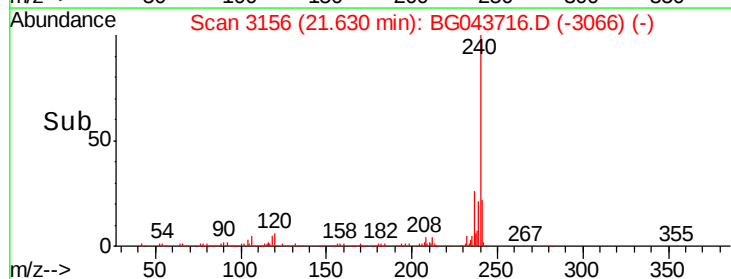
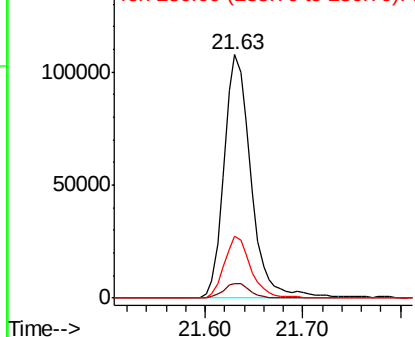


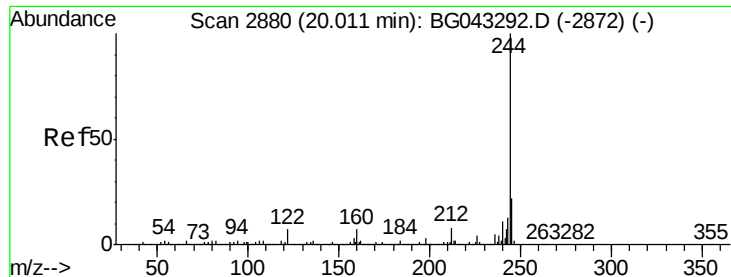
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.9	7.3
236	25.6	21.4	32.0



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: 97.040 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

Instrument :

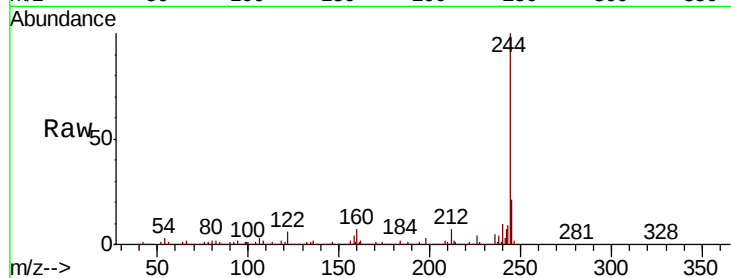
BNA_G

ClientSampleId :

CL-02-111519

Tot Ion:244 Resp: 1065317

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.2	7.8

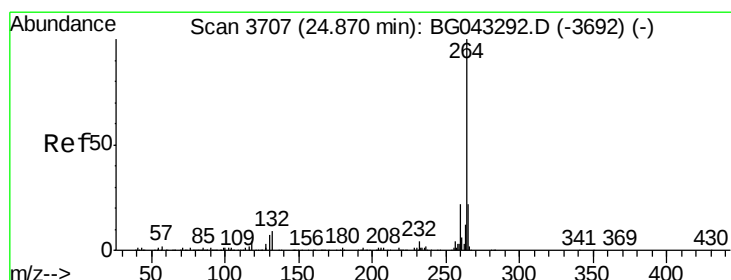
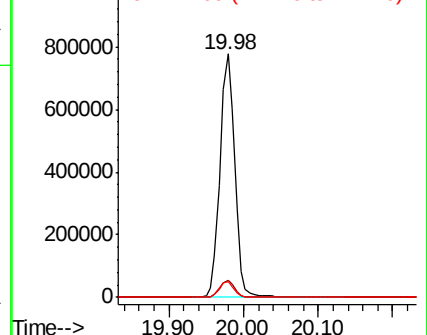
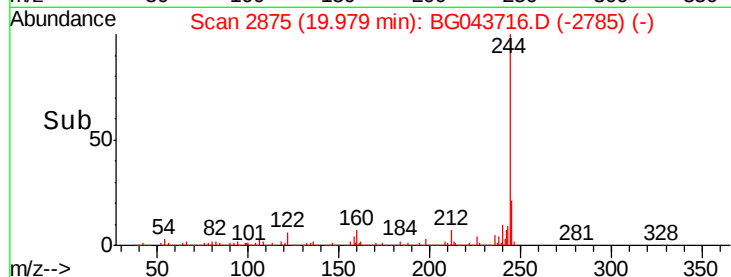


Abundance

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

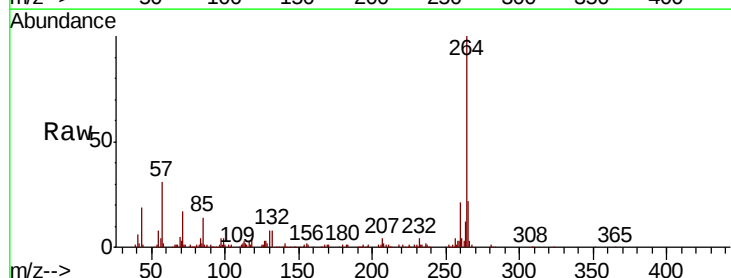
Delta R.T. -0.00 min

Lab File: BG043716.D

Acq: 20 Nov 2019 4:01

Tgt Ion:264 Resp: 241714

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	22.5	15.8	23.8



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

