

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043707.D
 Acq On : 19 Nov 2019 20:52
 Operator : JU
 Sample : K5864-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Nov 20 03:15:52 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

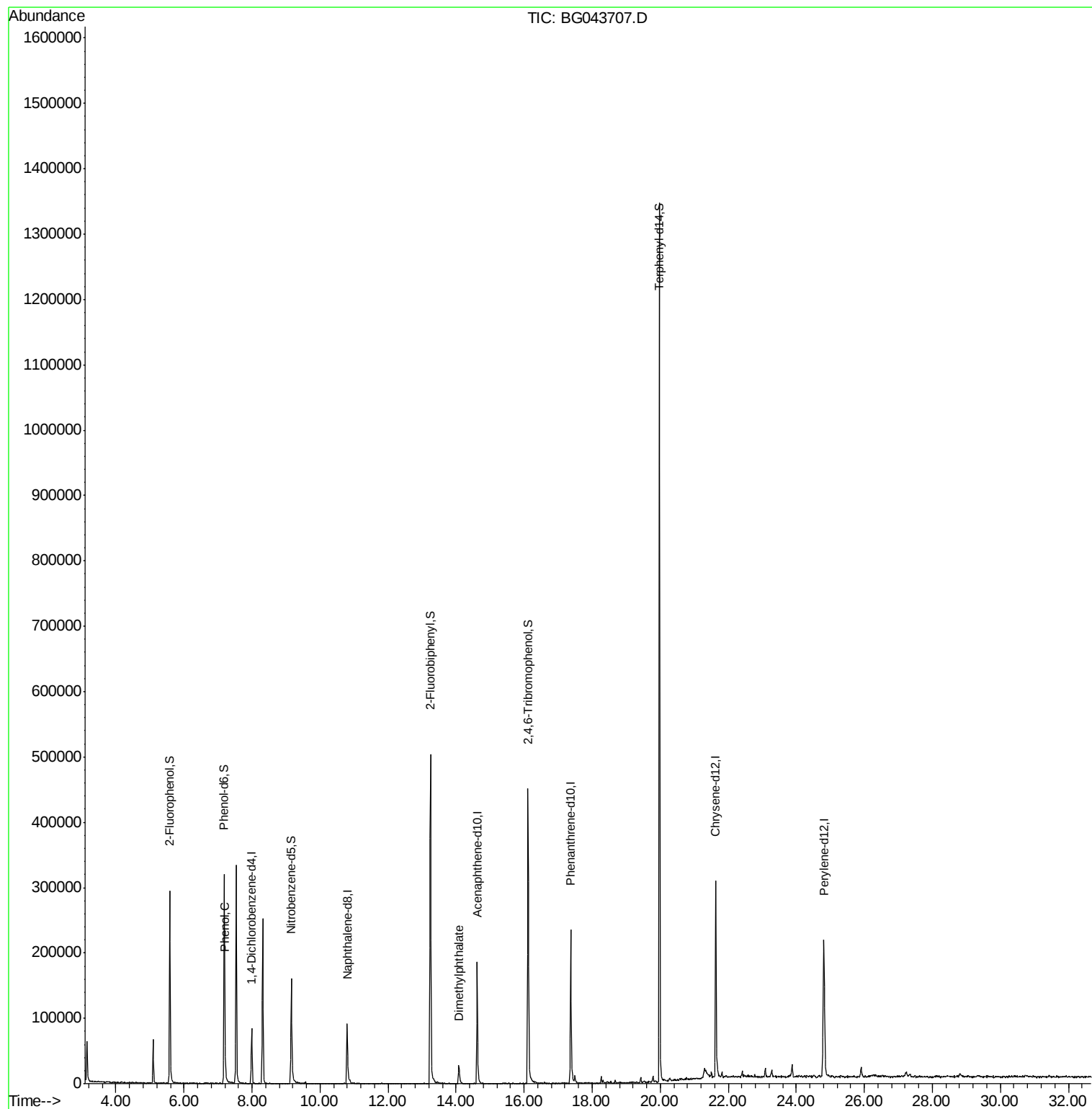
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25074	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	91438	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74721	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	190312	20.00	ng	0.00
76) Chrysene-d12	21.63	240	213931	20.00	ng	0.00
87) Perylene-d12	24.81	264	245074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	146718	107.22	ng	0.00
7) Phenol-d6	7.18	99	200948	102.07	ng	0.00
23) Nitrobenzene-d5	9.15	82	116276	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	121437	85.40	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	329090	60.86	ng	0.00
79) Terphenyl-d14	19.98	244	746804	65.49	ng	0.00
Target Compounds						
10) Phenol	7.21	94	10466	5.818	ng	86
50) Dimethylphthalate	14.08	163	29701	5.132	ng	97

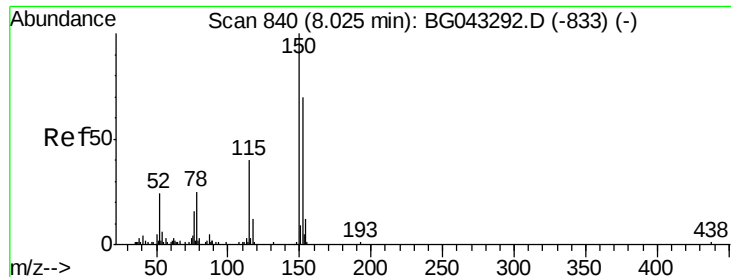
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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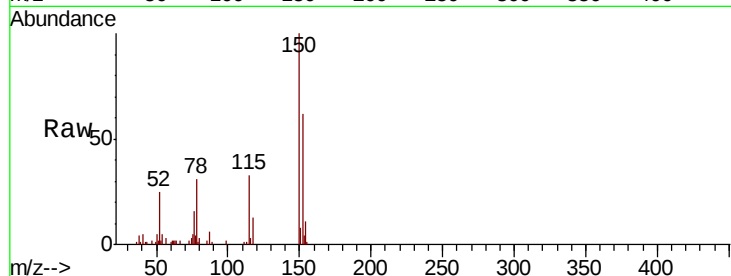


#1

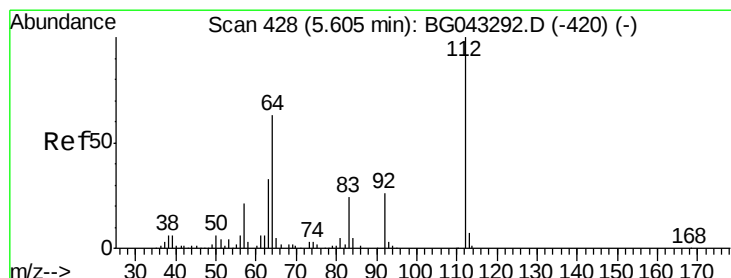
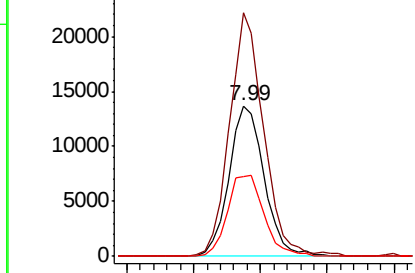
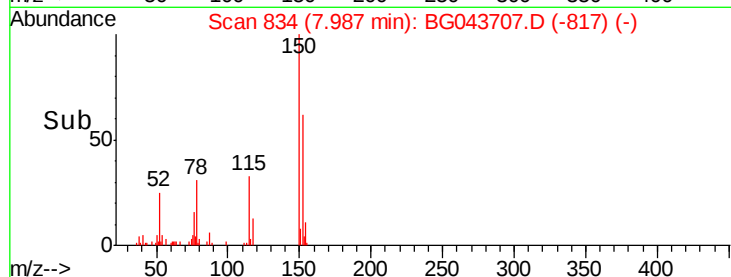
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tot Ion:152 Resp: 25074
Ion Ratio Lower Upper
152 100
150 162.2 116.6 175.0
115 52.9 40.5 60.7



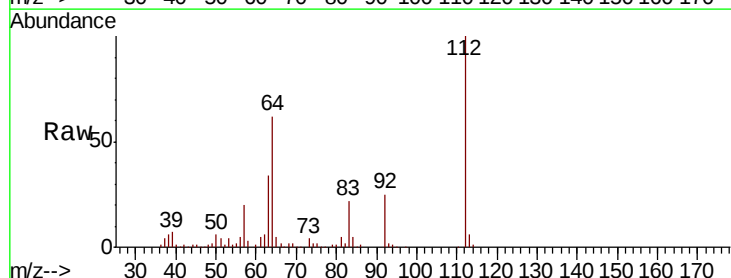
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



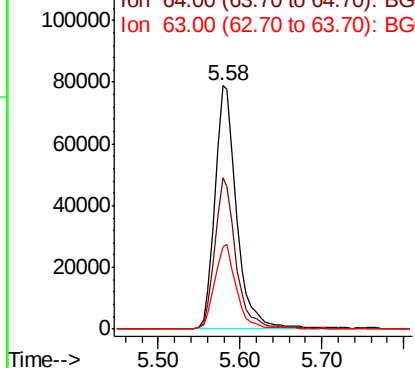
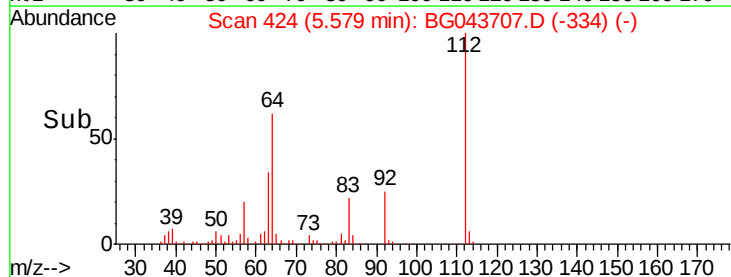
#5

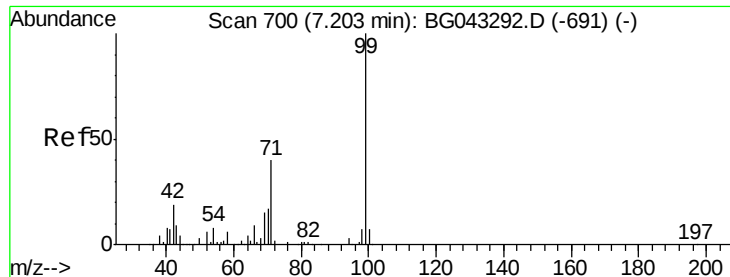
2-Fluorophenol
Concen: 107.224 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Tgt Ion:112 Resp: 146718
Ion Ratio Lower Upper
112 100
64 62.3 50.6 75.8
63 33.8 30.5 45.7



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: 102.071 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043707.D

Acq: 19 Nov 2019 20:52

Instrument :

BNA_G

ClientSampled :

SB-03-COMP

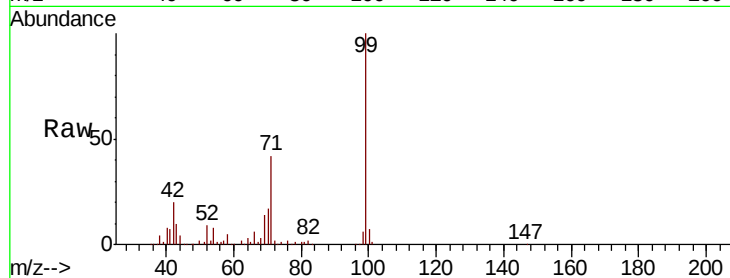
Tot Ion: 99 Resp: 200948

Ion Ratio Lower Upper

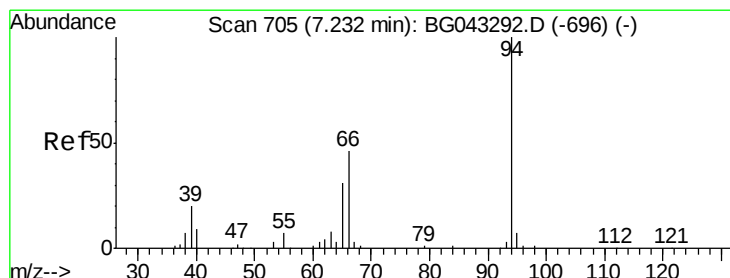
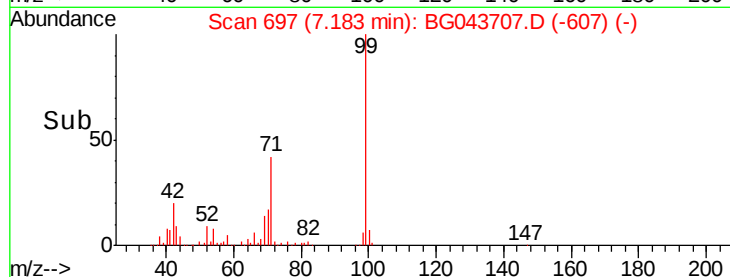
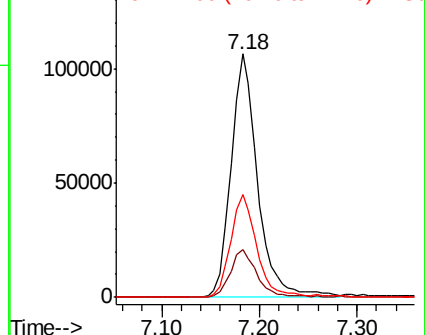
99 100

42 19.8 15.8 23.8

71 42.2 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: 5.818 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043707.D

Acq: 19 Nov 2019 20:52

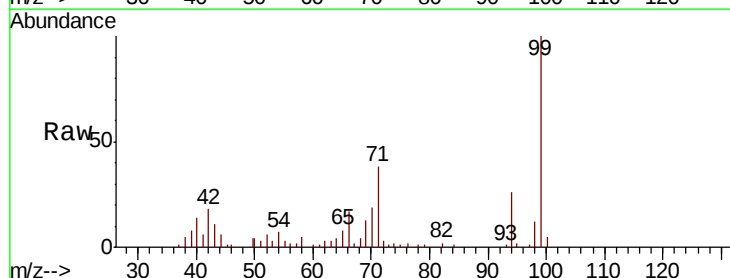
Tgt Ion: 94 Resp: 10466

Ion Ratio Lower Upper

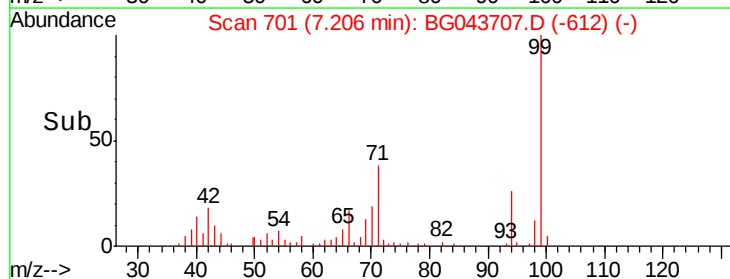
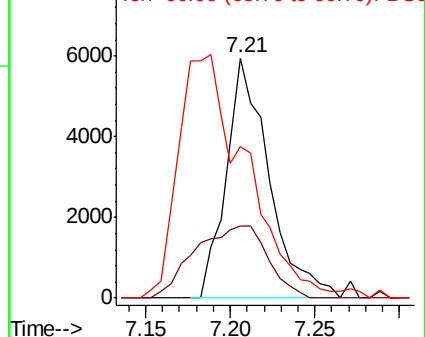
94 100

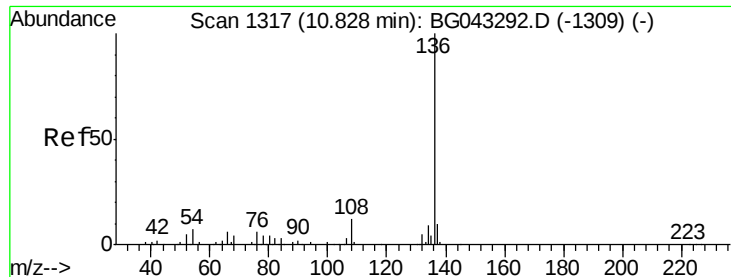
65 30.3 11.4 51.4

66 63.2 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

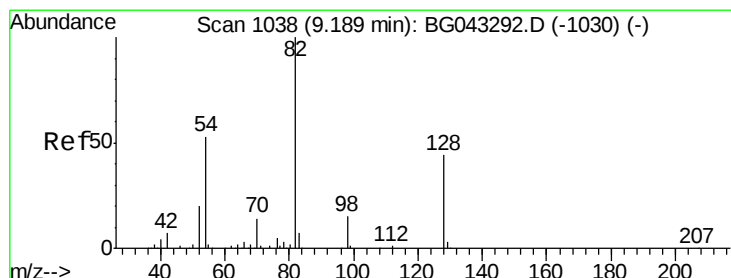
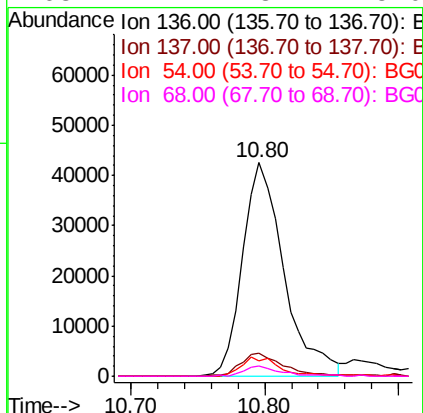
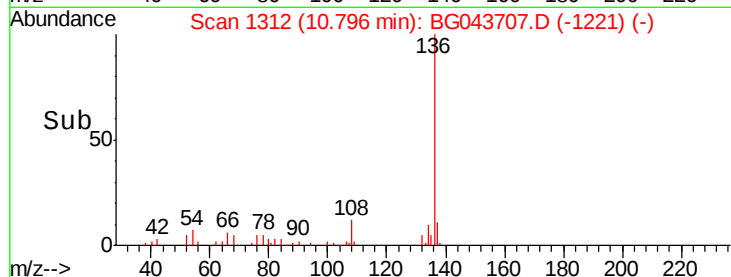
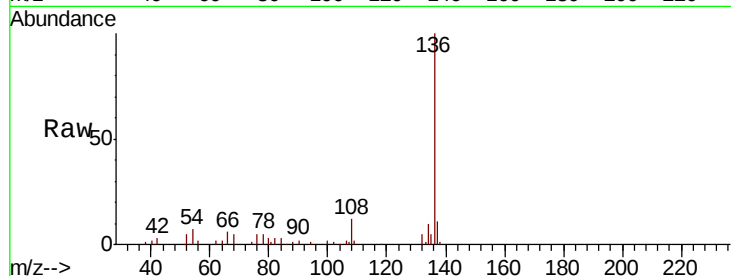




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

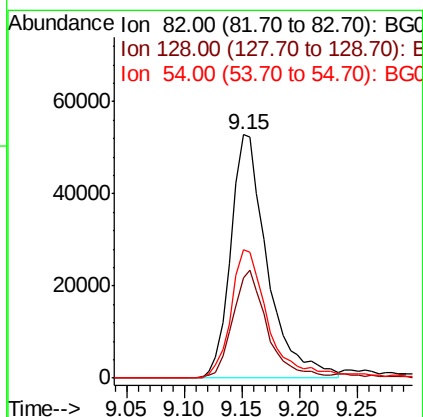
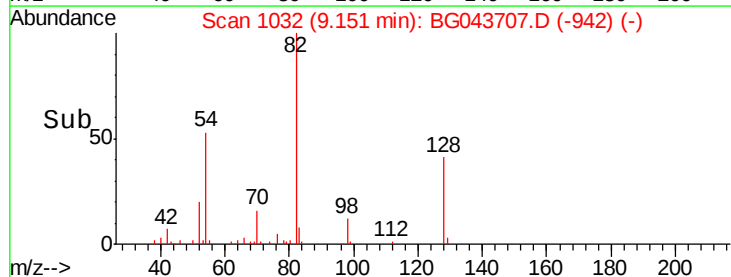
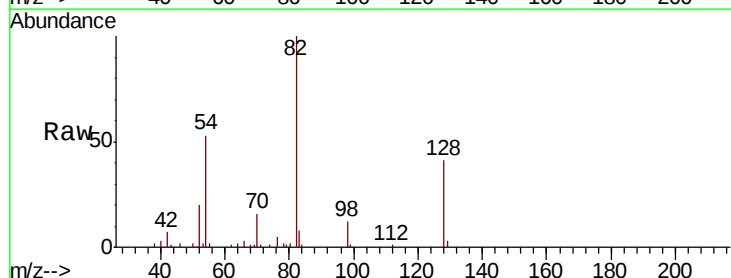
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

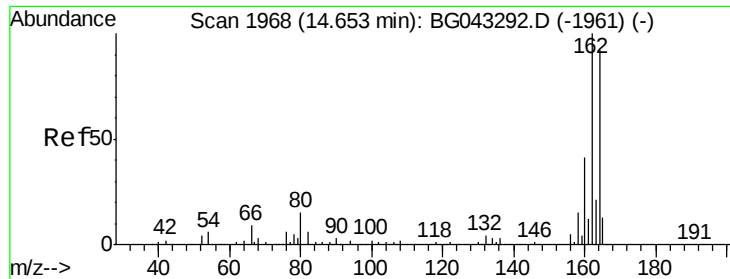
Tot Ion:136	Resp:	91438
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.1	6.2 9.2
68	4.7	3.4 5.0



#23
Nitrobenzene-d5
Concen: 65.559 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Tgt Ion: 82	Resp:	116276
Ion	Ratio	Lower Upper
82	100	
128	41.0	34.2 51.4
54	53.0	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: BG043707.D

Acq: 19 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

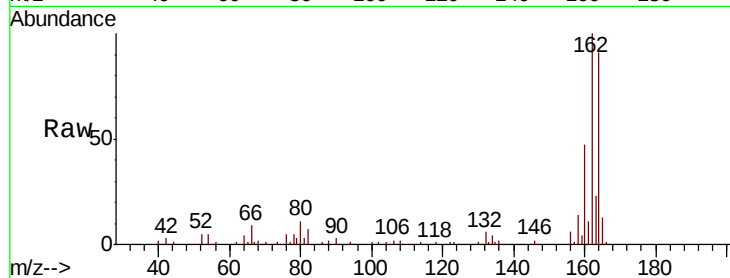
Tot Ion:164 Resp: 74721

Ion Ratio Lower Upper

164 100

162 109.5 79.4 119.2

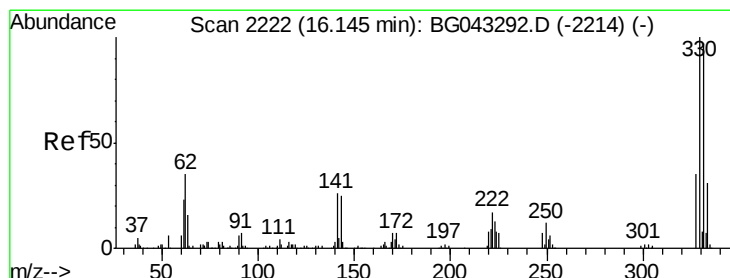
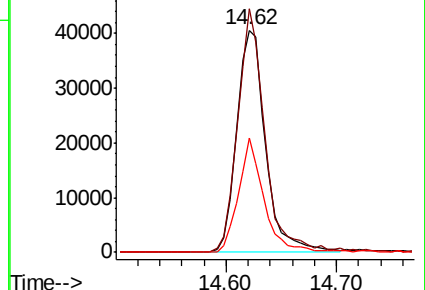
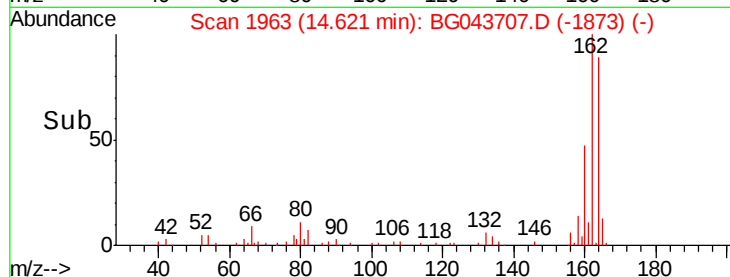
160 51.2 36.3 54.5



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: 85.402 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG043707.D

Acq: 19 Nov 2019 20:52

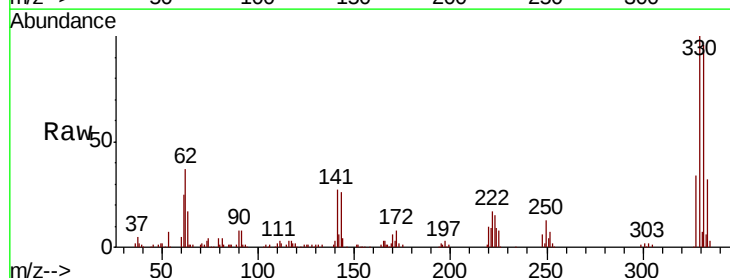
Tgt Ion:330 Resp: 121437

Ion Ratio Lower Upper

330 100

332 99.0 76.6 115.0

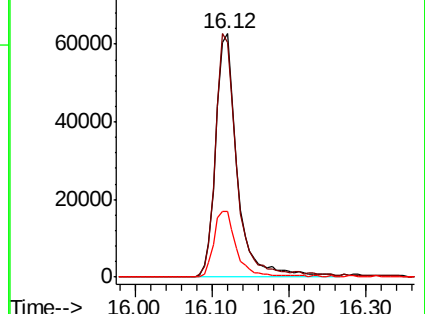
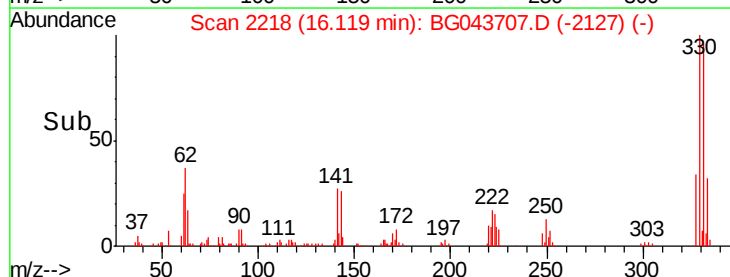
141 28.0 23.4 35.2

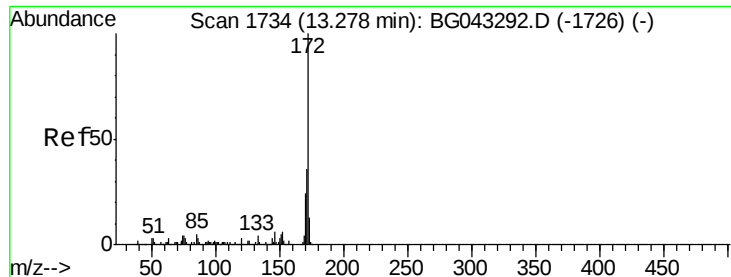


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

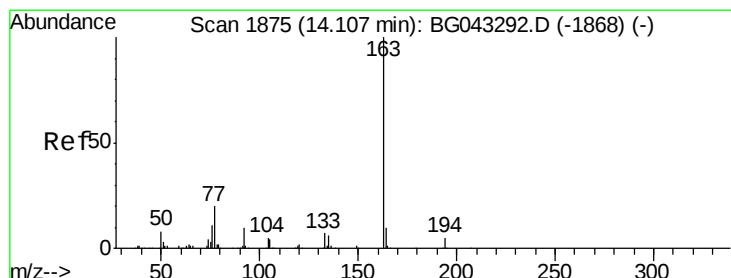
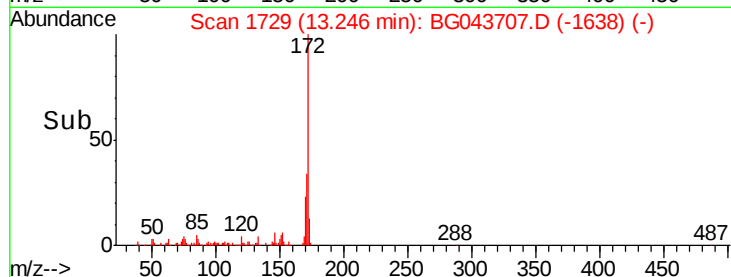
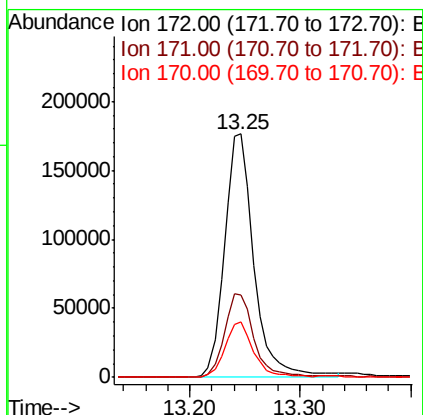
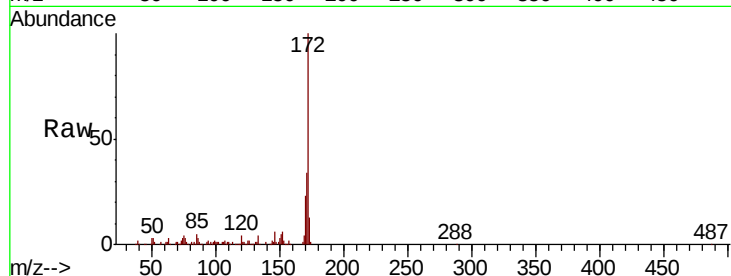




#45
2-Fluorobiphenyl
Concen: 60.858 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

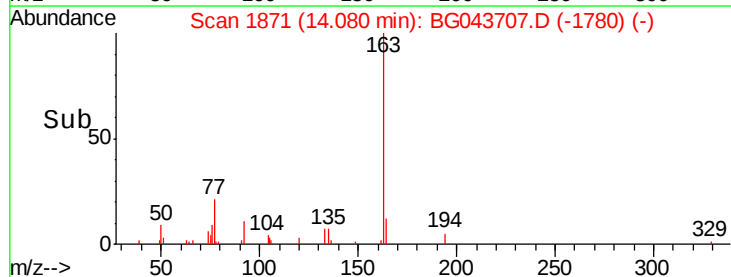
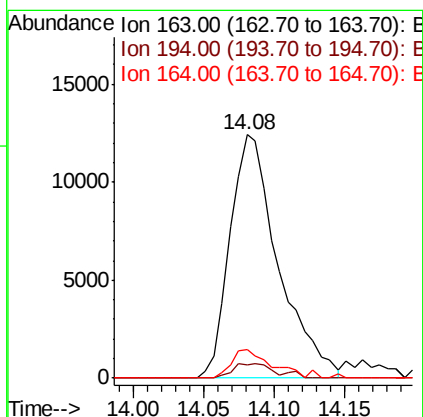
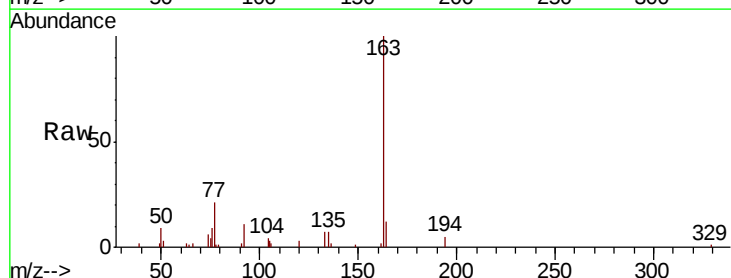
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

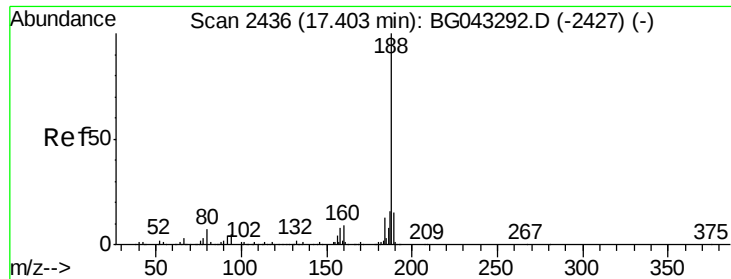
Tot Ion:172 Resp: 329090
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.8 18.8 28.2



#50
Dimethylphthalate
Concen: 5.132 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Tgt Ion:163 Resp: 29701
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.8
164 11.7 8.5 12.7

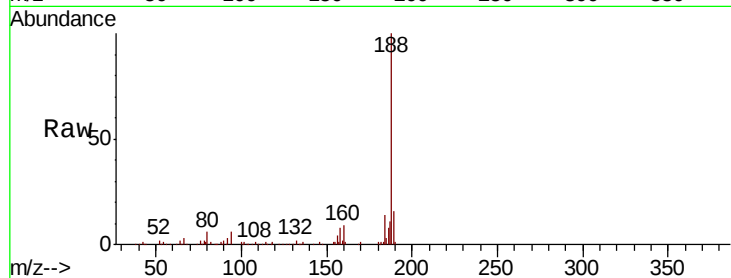




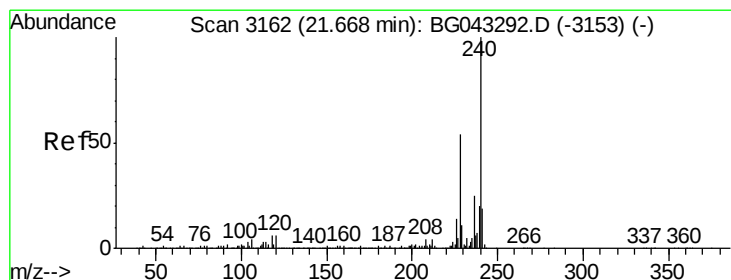
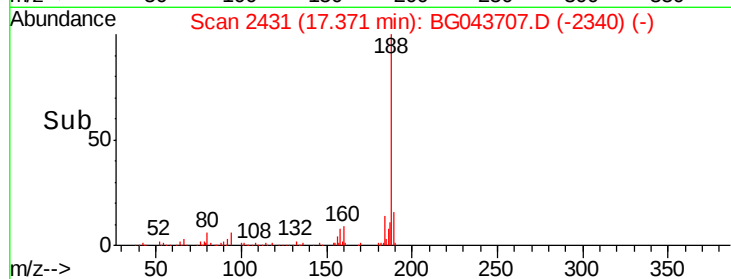
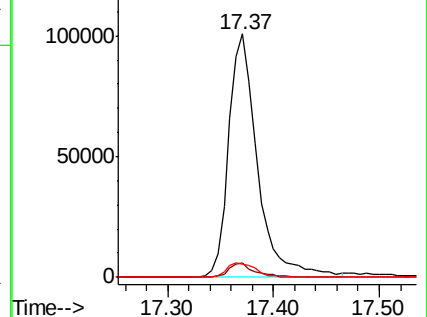
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.6	7.0
80	5.6	5.2	7.8

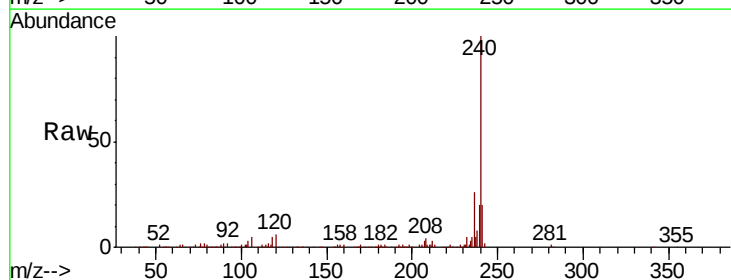


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

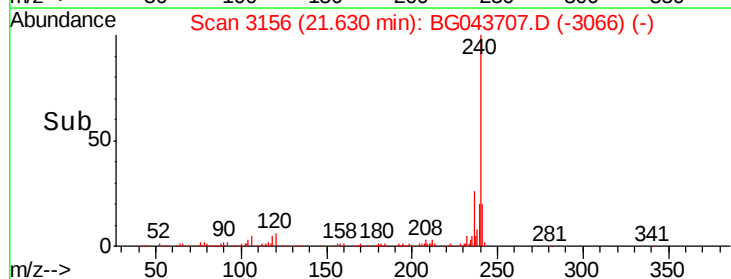
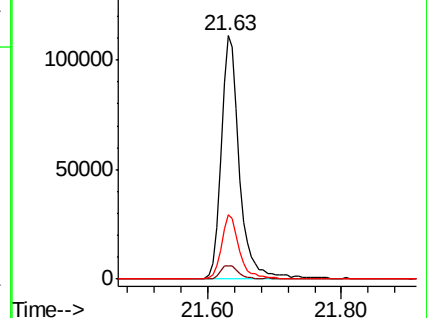


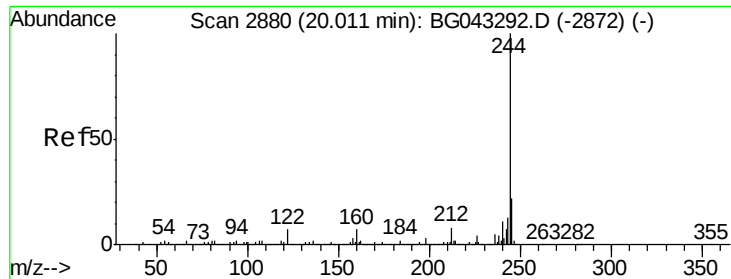
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043707.D
Acq: 19 Nov 2019 20:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.9	7.3
236	26.4	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: 65.491 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043707.D

Acq: 19 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

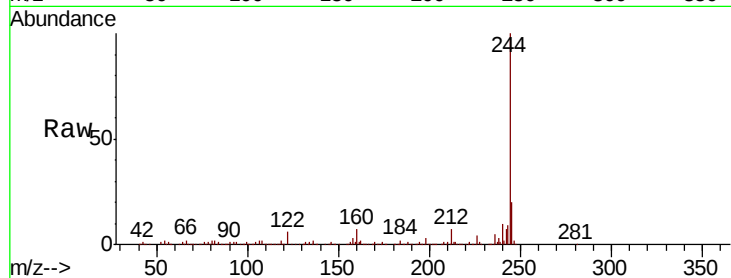
Tot Ion:244 Resp: 746804

Ion Ratio Lower Upper

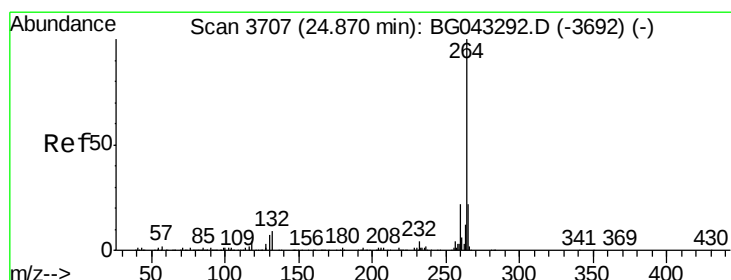
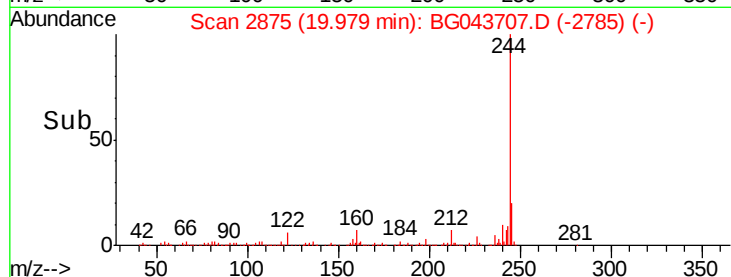
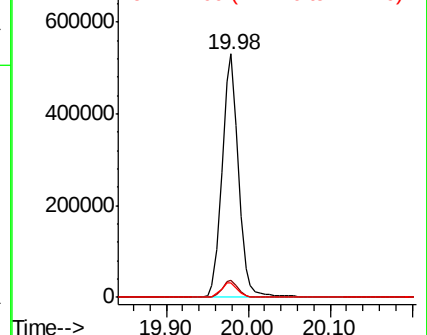
244 100

212 6.9 5.6 8.4

122 6.0 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: BG043707.D

Acq: 19 Nov 2019 20:52

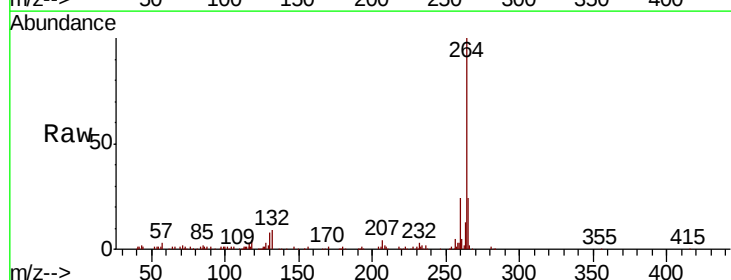
Tgt Ion:264 Resp: 245074

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 24.1 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

