

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038530.D
 Acq On : 13 Dec 2018 13:27
 Operator : JU/SJ
 Sample : J6275-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-02-120418

Quant Time: Dec 13 16:59:27 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

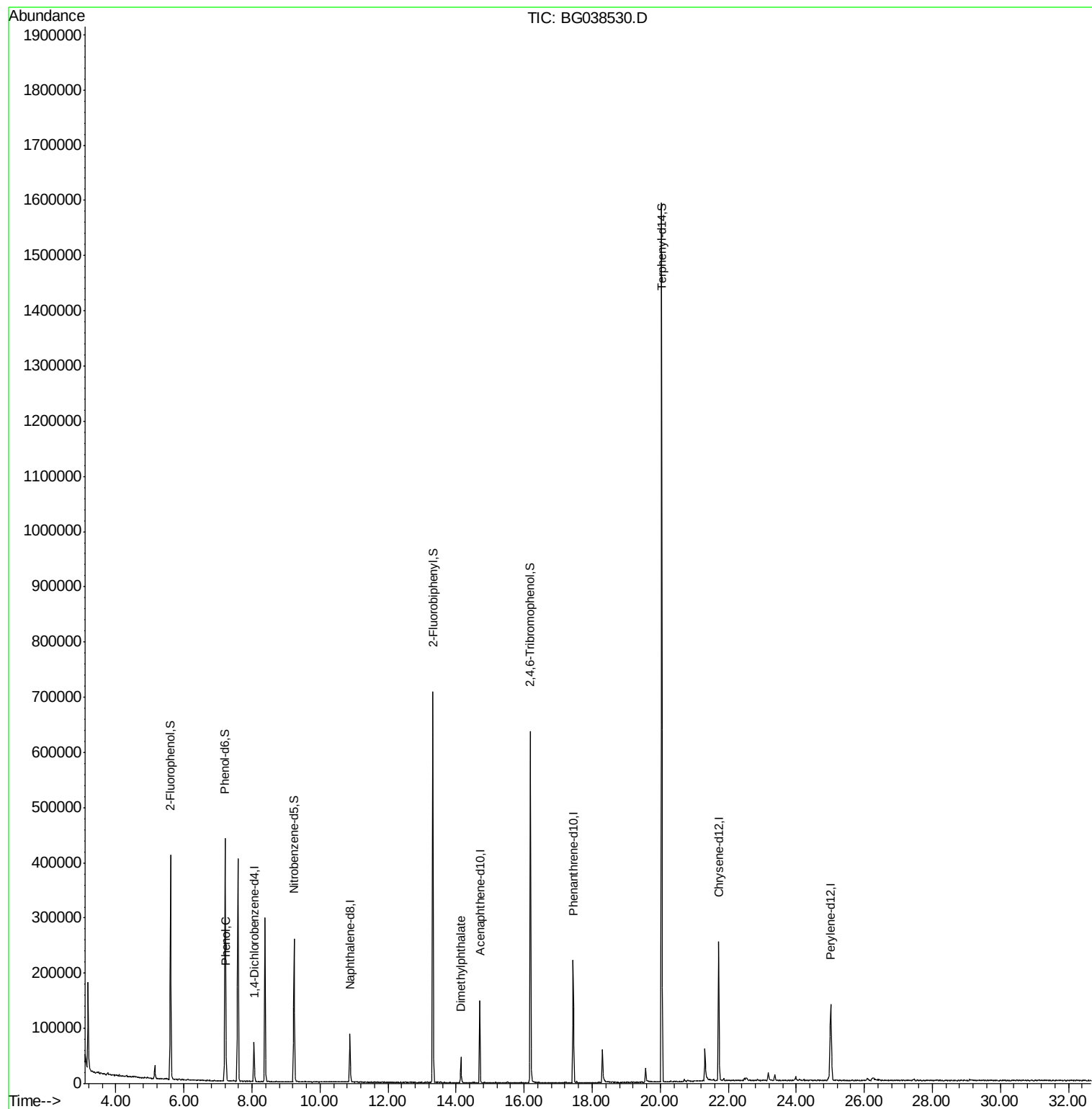
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19297	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	79148	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	54133	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	148768	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158907	20.00	ng	0.00
87) Perylene-d12	25.01	264	169512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173904	159.84	ng	0.00
7) Phenol-d6	7.21	99	243980	163.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	158429	102.26	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	125343	168.01	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	379087	96.07	ng	0.00
79) Terphenyl-d14	20.04	244	775880	106.26	ng	0.00
Target Compounds						
10) Phenol	7.23	94	16338	10.296	ng	94
50) Dimethylphthalate	14.14	163	35435	8.016	ng	99

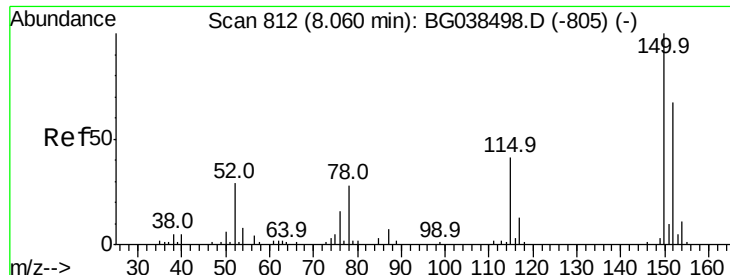
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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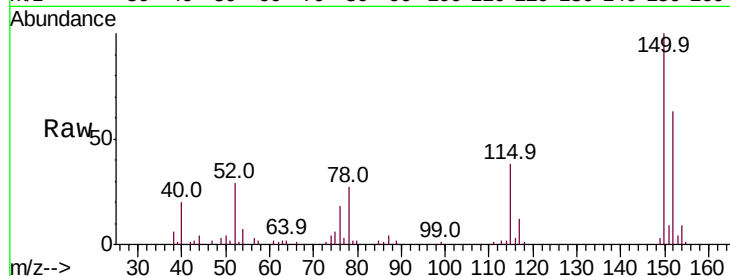


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Instrument :
BNA_G
ClientSampleId :
BF-02-120418

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	119.5	179.3
115	61.1	49.6	74.4

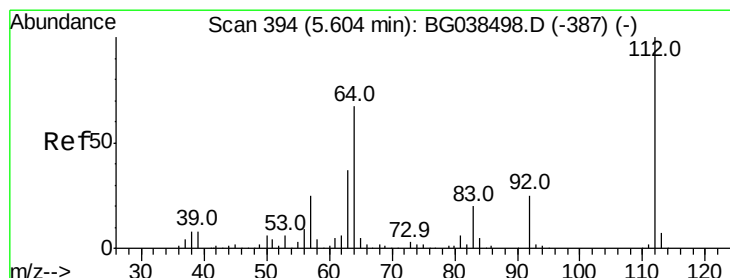
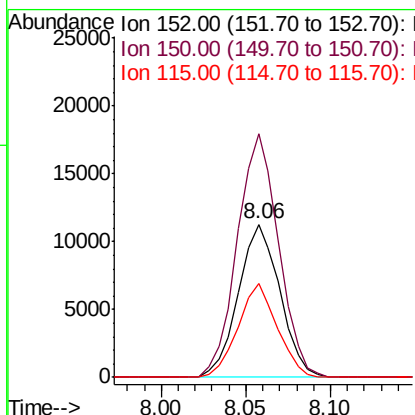
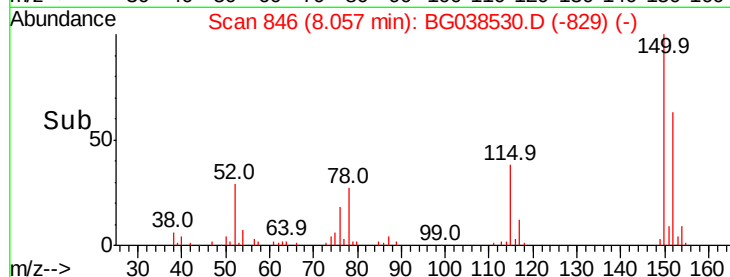


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

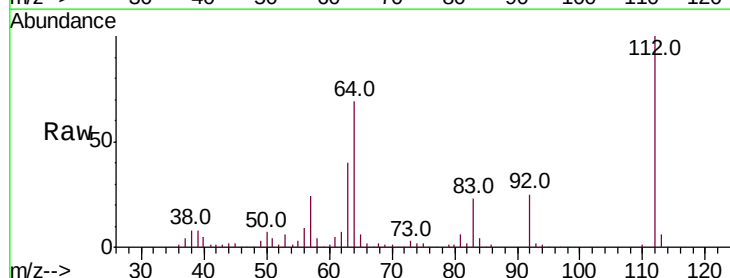
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.841 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.4	80.2
63	39.7	29.3	43.9

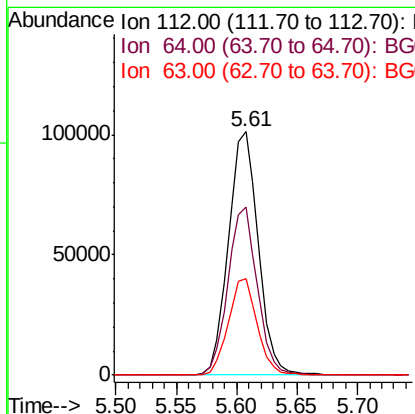
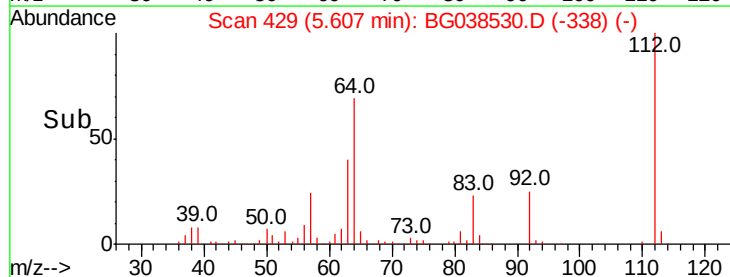


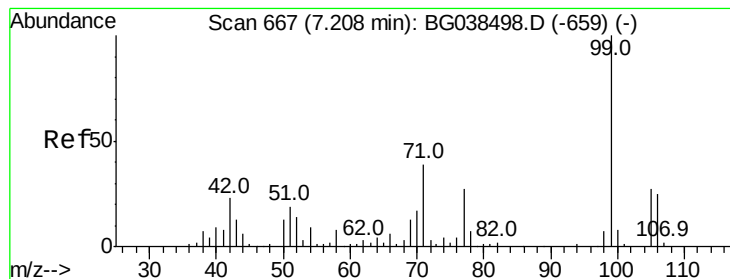
Abundance

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: 163.352 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampleId :

BF-02-120418

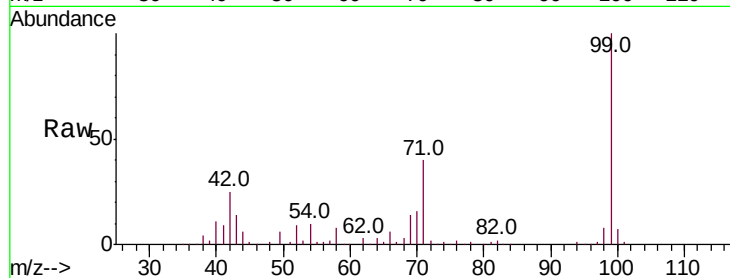
Tot Ion: 99 Resp: 243980

Ion Ratio Lower Upper

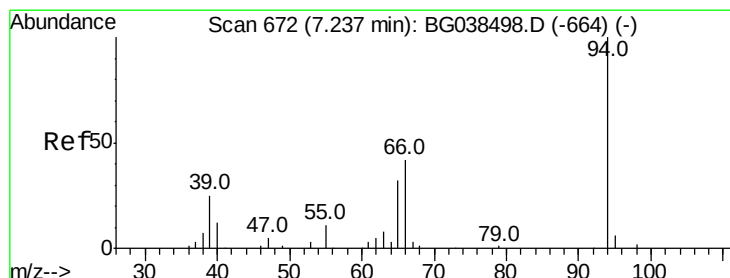
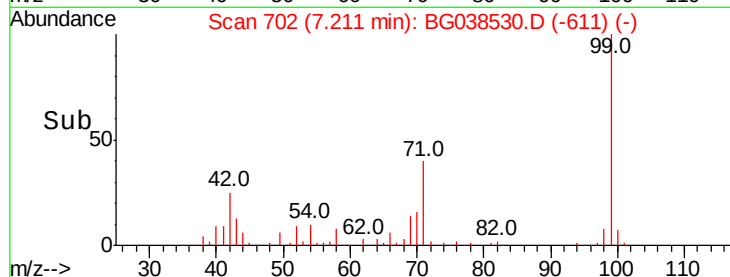
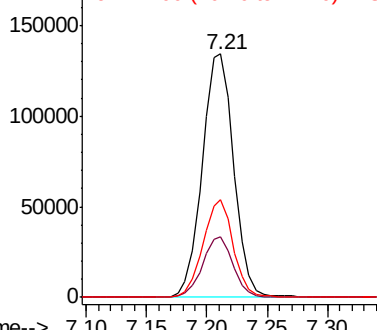
99 100

42 25.0 18.5 27.7

71 40.1 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: 10.296 ng

RT: 7.23 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

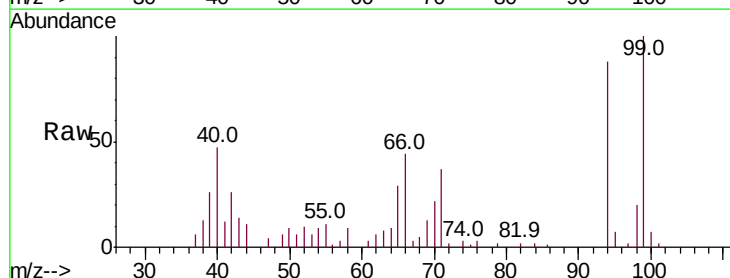
Tgt Ion: 94 Resp: 16338

Ion Ratio Lower Upper

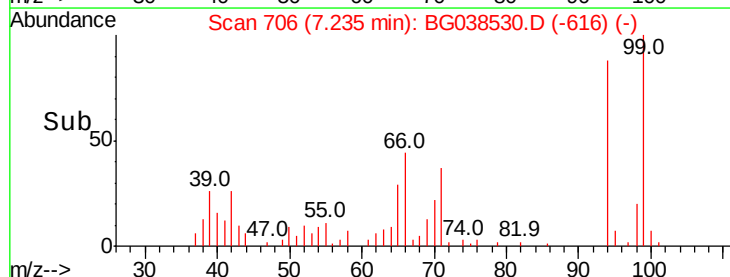
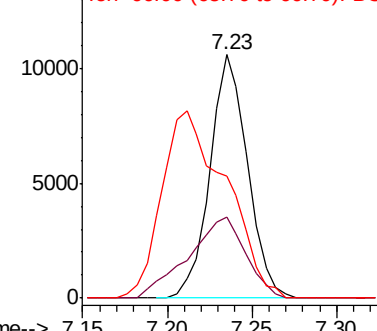
94 100

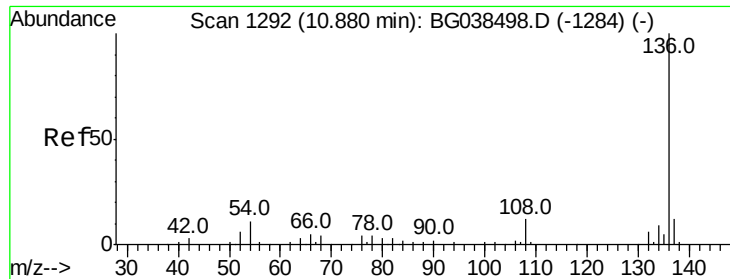
65 33.4 12.6 52.6

66 50.3 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

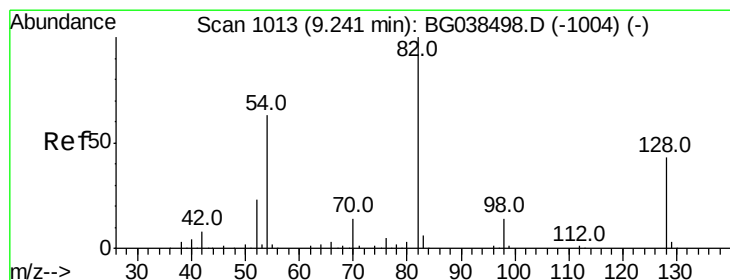
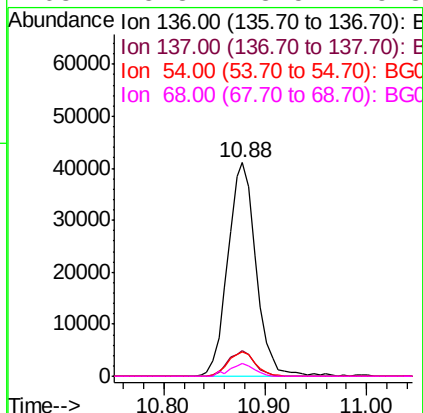
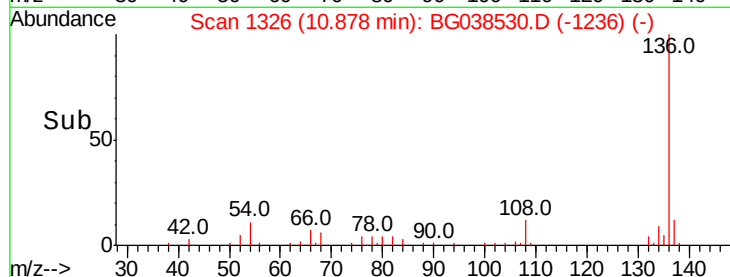
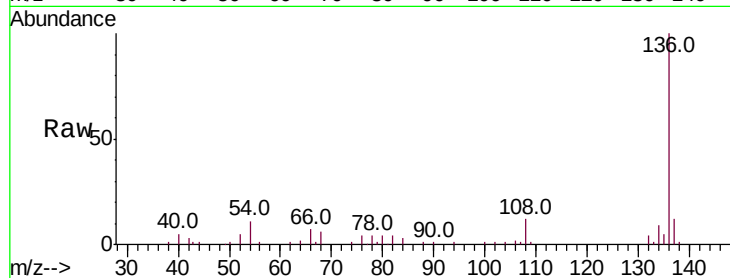




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

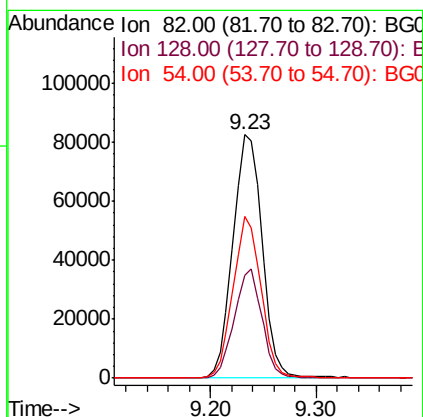
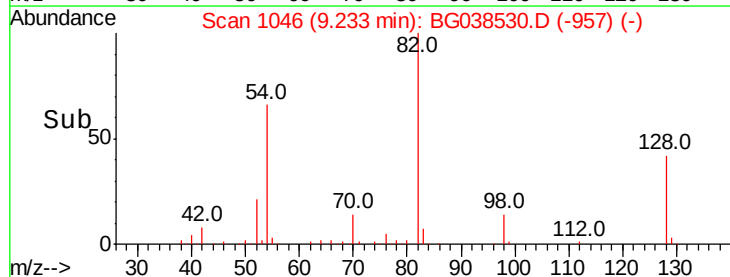
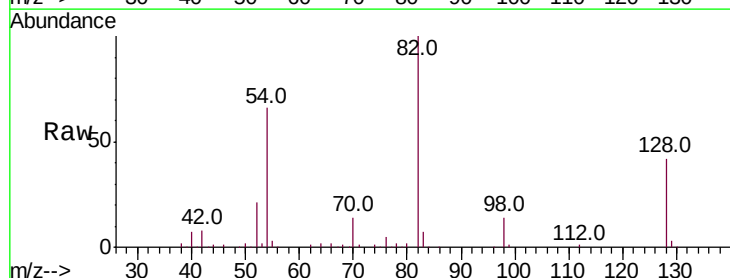
Instrument :
BNA_G
ClientSampleId :
BF-02-120418

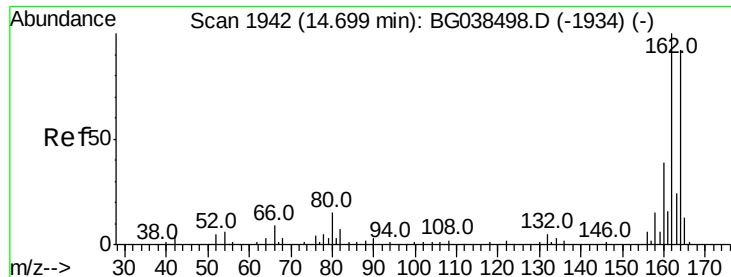
Tot Ion:136	Resp:	79148
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.3 13.9
54	11.5	8.5 12.7
68	5.8	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 102.260 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion: 82	Resp:	158429
Ion Ratio	Lower	Upper
82	100	
128	42.2	34.6 52.0
54	66.4	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampleId :

BF-02-120418

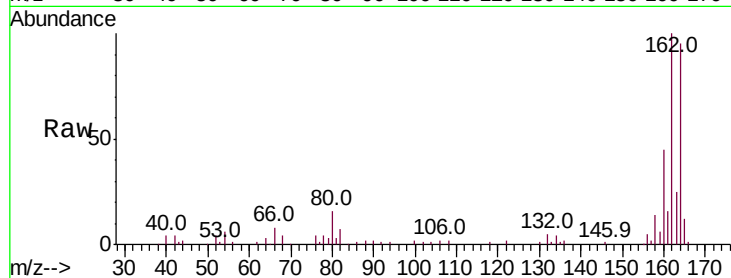
Tot Ion:164 Resp: 54133

Ion Ratio Lower Upper

164 100

162 104.8 86.6 130.0

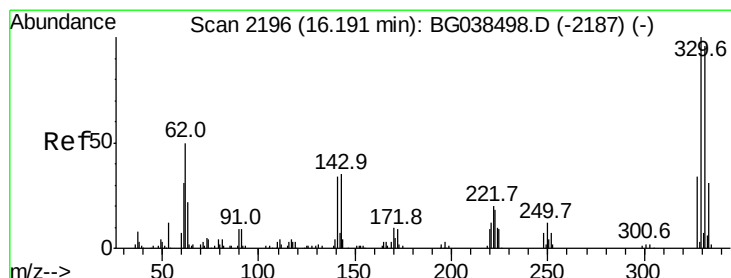
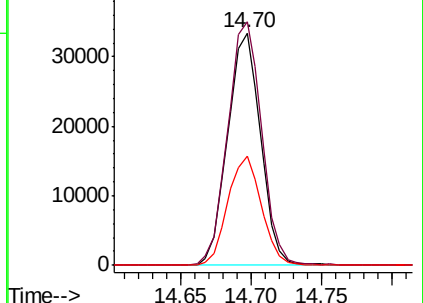
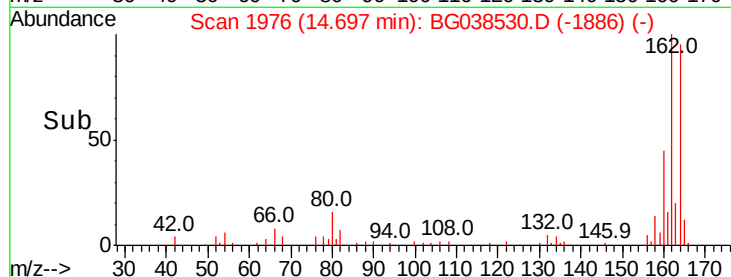
160 47.2 34.2 51.2



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: 168.009 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

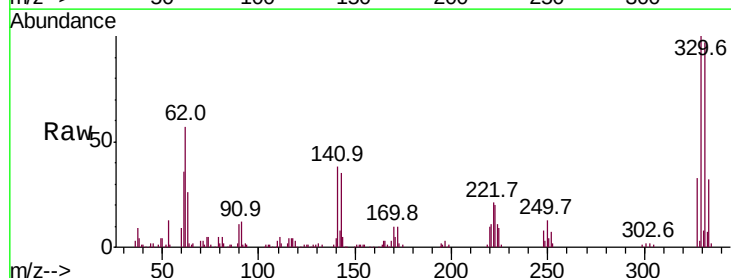
Tgt Ion:330 Resp: 125343

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

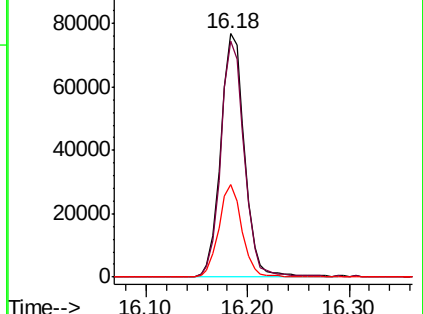
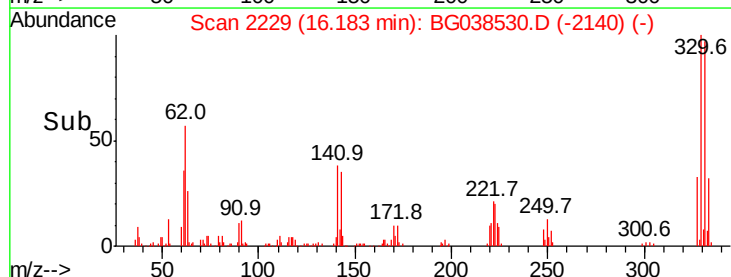
141 36.9 28.8 43.2

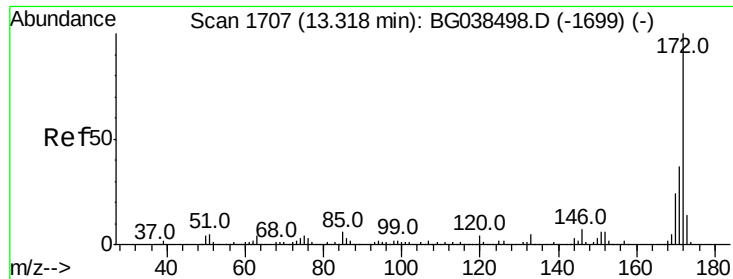


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

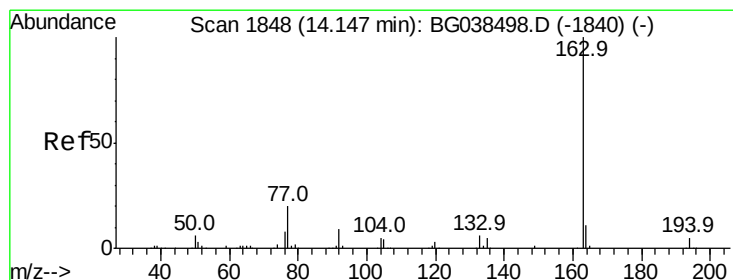
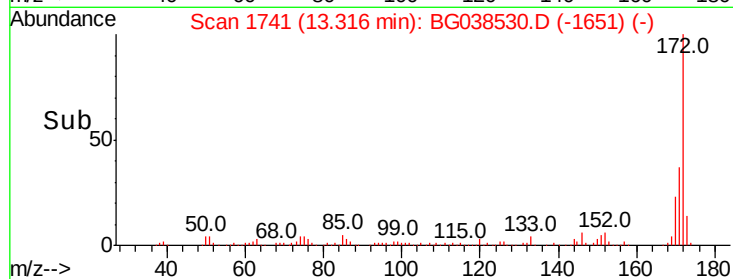
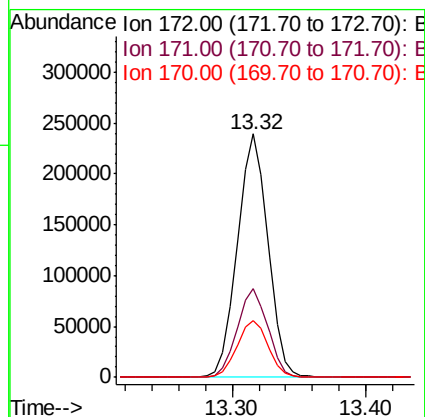
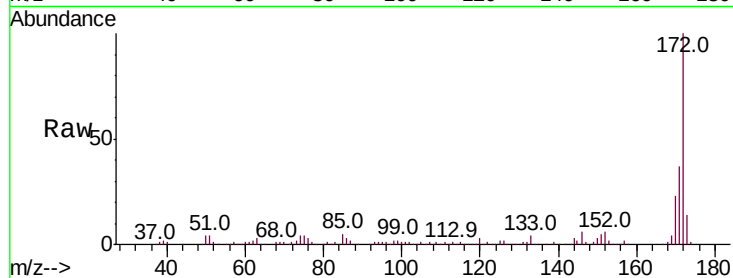




#45
 2-Fluorobiphenyl
 Concen: 96.069 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

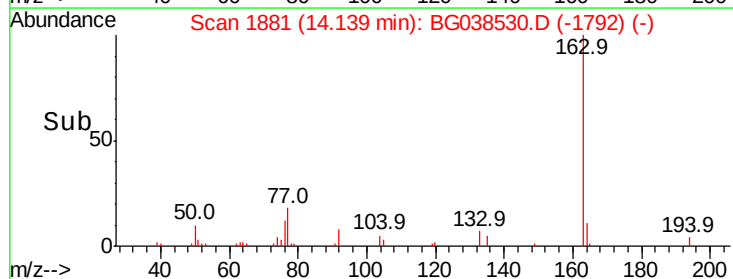
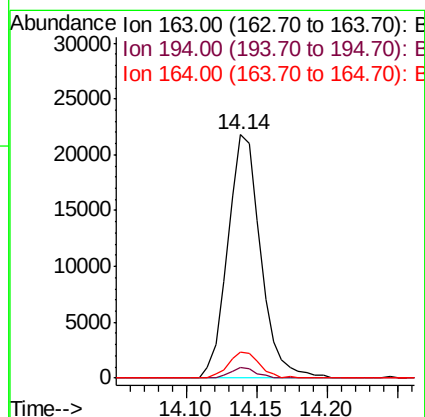
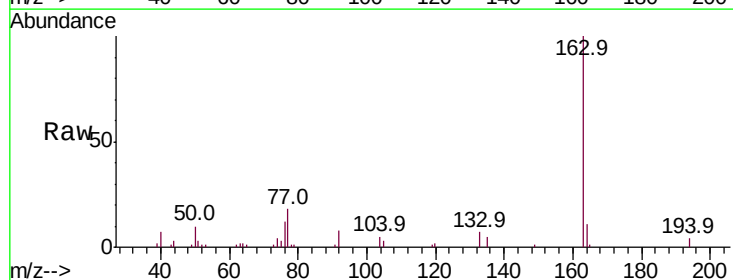
Instrument :
 BNA_G
 ClientSampleId :
 BF-02-120418

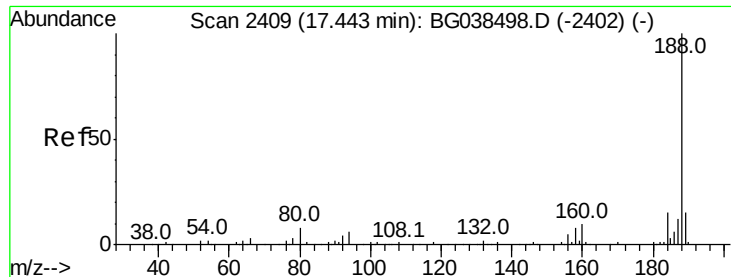
Tot Ion:	172	Resp:	379087
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.3	19.5	29.3



#50
 Dimethylphthalate
 Concen: 8.016 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Tgt Ion:	163	Resp:	35435
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.6	8.6	12.8

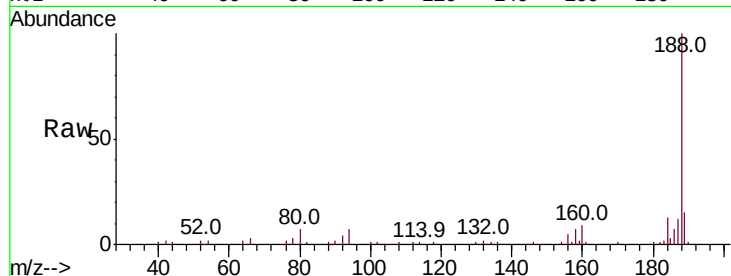




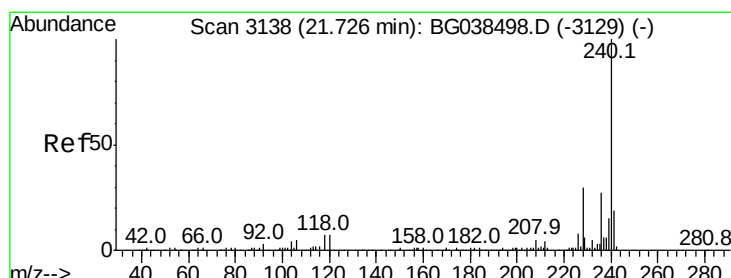
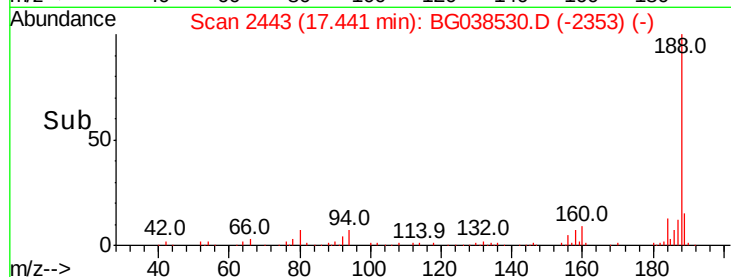
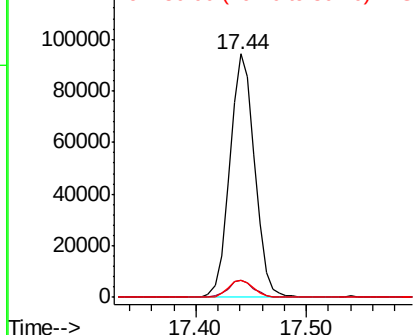
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Instrument :
 BNA_G
 ClientSampleId :
 BF-02-120418

Tot Ion	188	Ratio	100	Resp	148768
Ion	188	Ratio	100	Lower	Upper
	94	7.2	5.1	7.7	
	80	6.9	6.1	9.1	

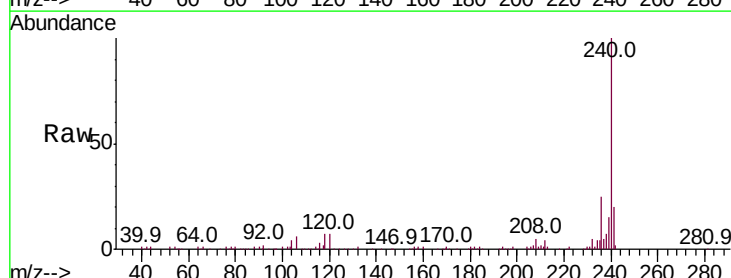


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

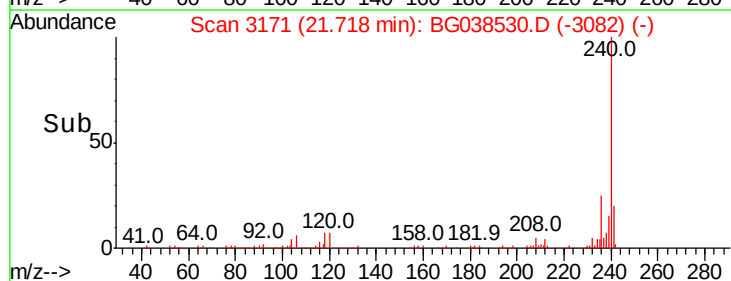
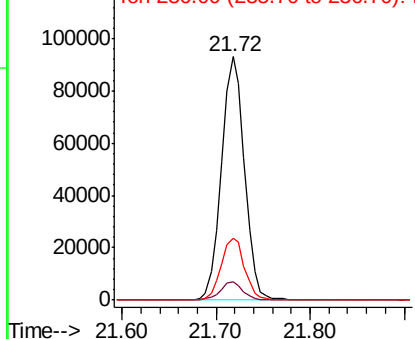


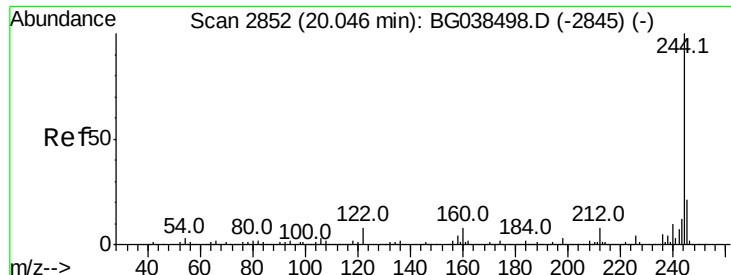
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Tgt Ion	240	Ratio	100	Resp	158907
Ion	240	Ratio	100	Lower	Upper
	120	7.4	5.3	7.9	
	236	25.5	21.4	32.2	



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: 106.262 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampleId :

BF-02-120418

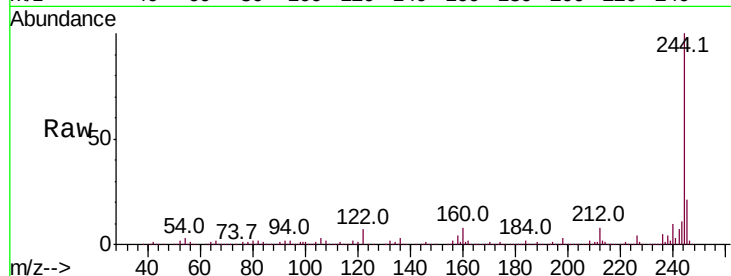
Tot Ion:244 Resp: 775880

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

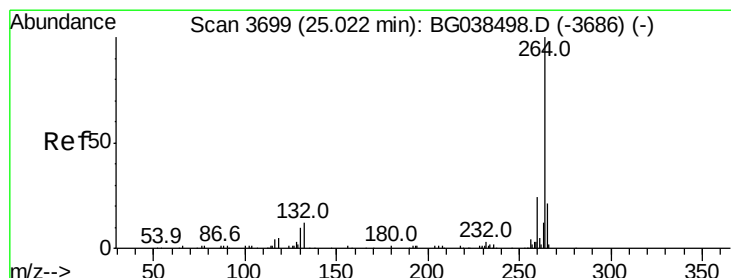
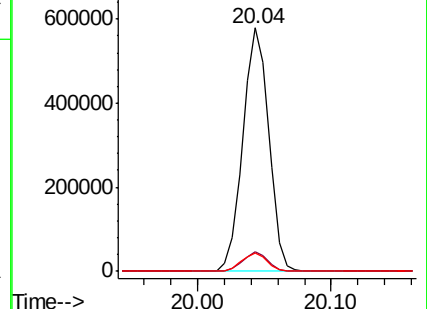
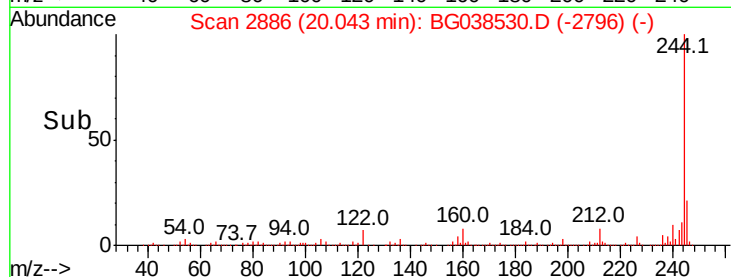
122 7.4 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

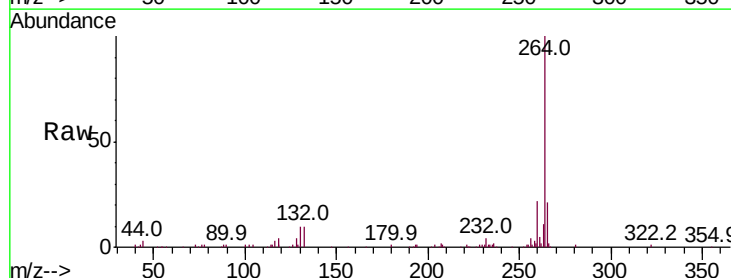
Tgt Ion:264 Resp: 169512

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.3 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

