

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042285.D
 Acq On : 17 Aug 2019 11:37
 Operator : HP/JU
 Sample : K4356-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Aug 19 07:16:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

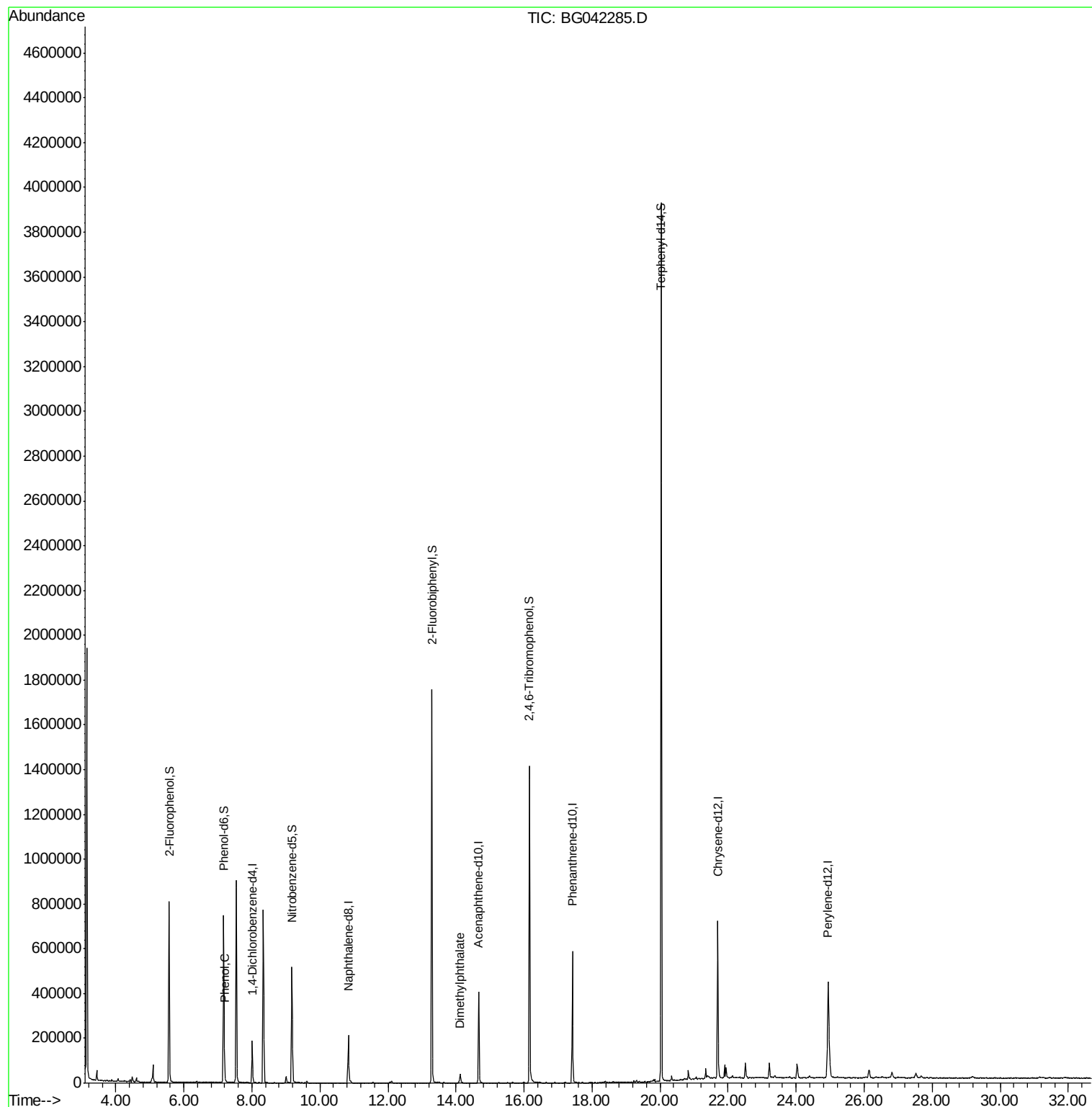
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61813	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	235455	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	170174	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	410317	20.00	ng	0.00
76) Chrysene-d12	21.70	240	467818	20.00	ng	0.00
87) Perylene-d12	24.94	264	501899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	412546	129.85	ng	0.00
7) Phenol-d6	7.17	99	517852	120.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	344430	100.67	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	353247	182.75	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1048356	108.65	ng	0.00
79) Terphenyl-d14	20.04	244	1988097	97.24	ng	0.00
Target Compounds						
10) Phenol	7.20	94	13101	2.940	ng	91
50) Dimethylphthalate	14.12	163	45493	3.914	ng	98

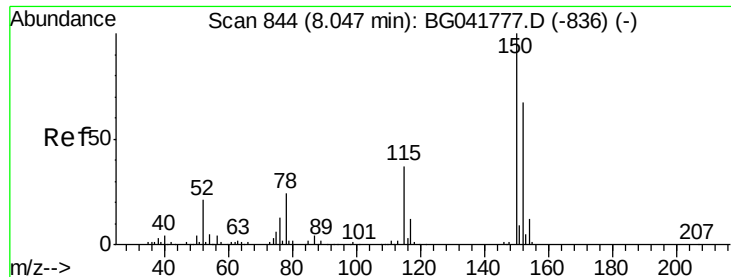
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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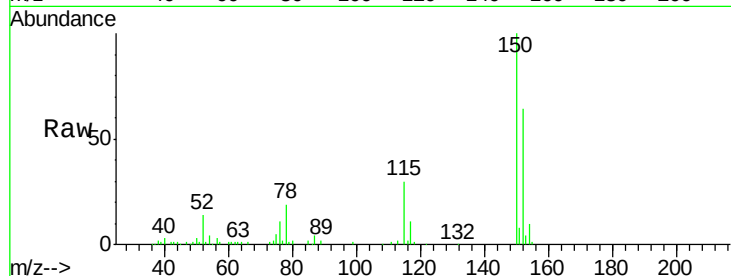


#1

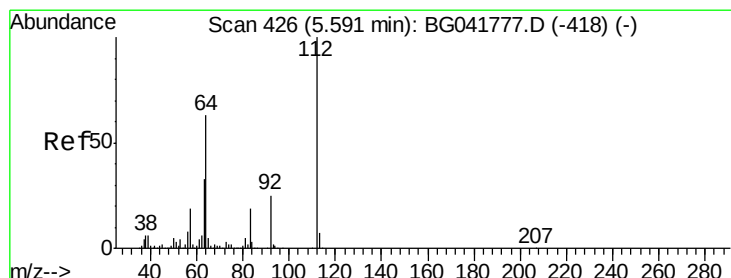
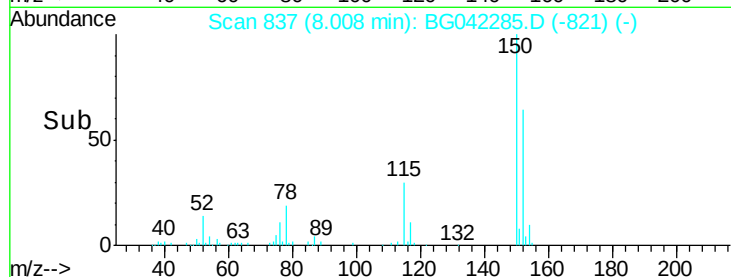
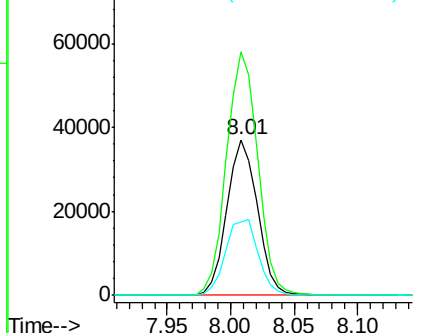
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	152	Resp	61813
Ion Ratio	Lower	Upper	
152	100		
150	156.3	126.9	190.3
115	47.2	45.0	67.6



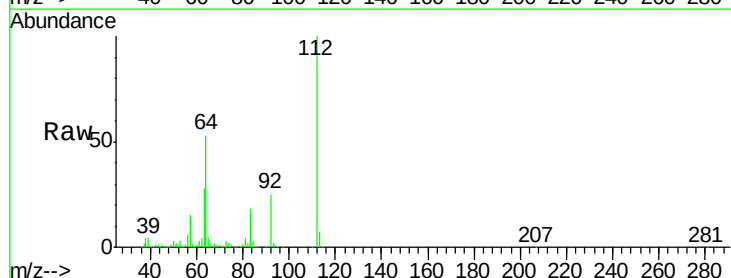
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



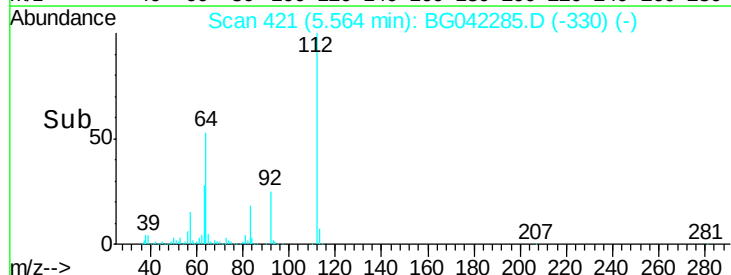
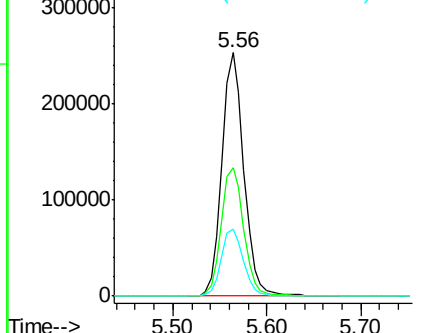
#5

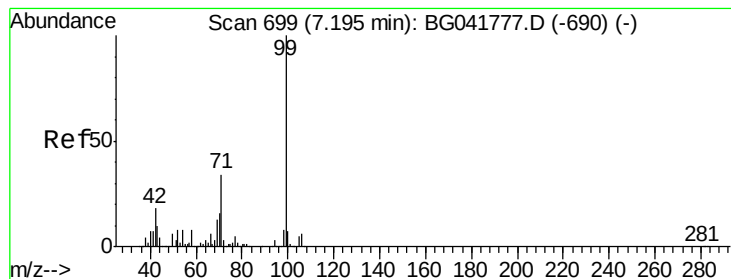
2-Fluorophenol
Concen: 129.853 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion	112	Resp	412546
Ion Ratio	Lower	Upper	
112	100		
64	52.9	55.4	83.2#
63	27.6	29.1	43.7#



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: 120.904 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042285.D

Acq: 17 Aug 2019 11:37

Instrument :

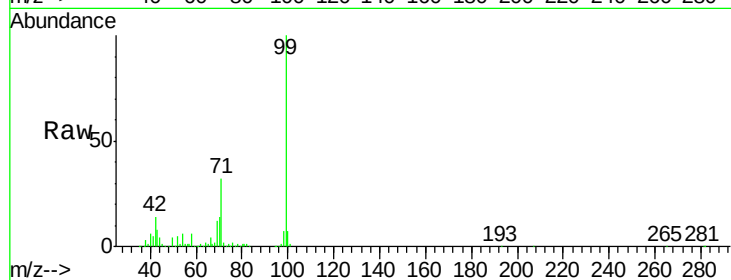
BNA_G

ClientSampleId :

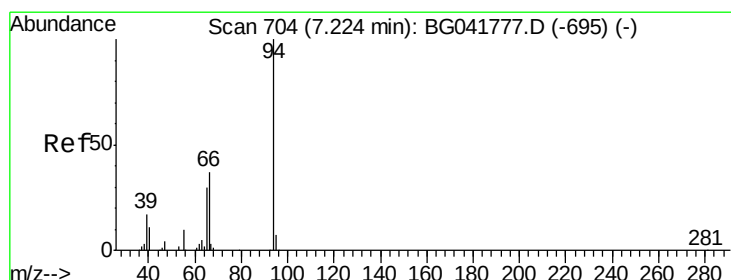
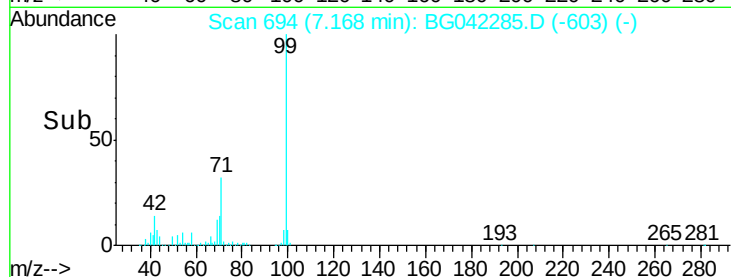
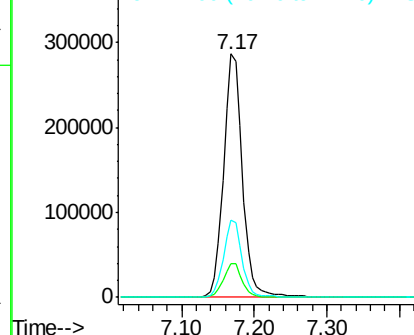
TP-4

Tot Ion: 99 Resp: 517852

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.6	26.4#
71	31.9	27.8	41.6



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: 2.940 ng

RT: 7.20 min Scan# 699

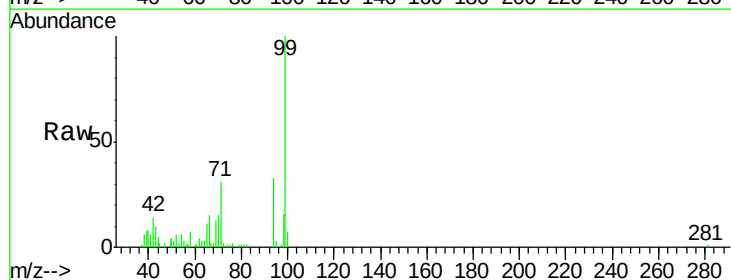
Delta R.T. 0.00 min

Lab File: BG042285.D

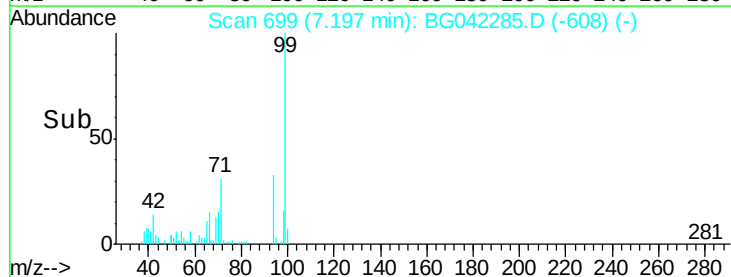
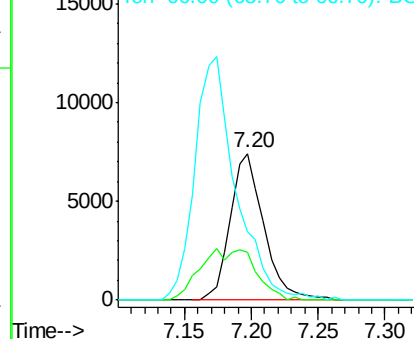
Acq: 17 Aug 2019 11:37

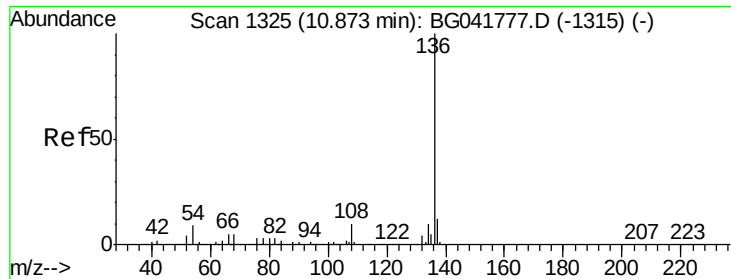
Tgt Ion: 94 Resp: 13101

Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.6	50.6
66	46.7	18.2	58.2



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

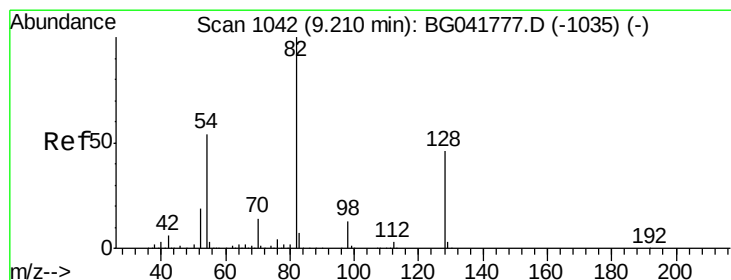
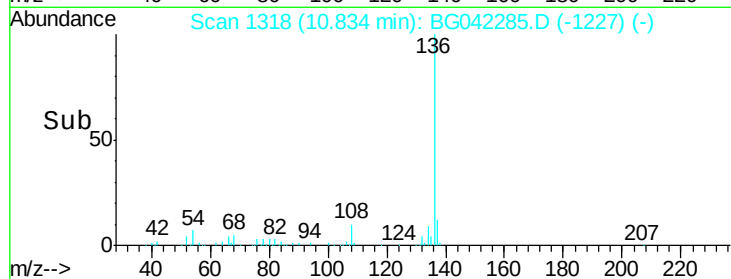
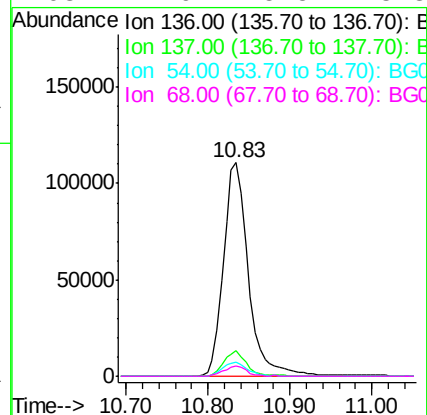
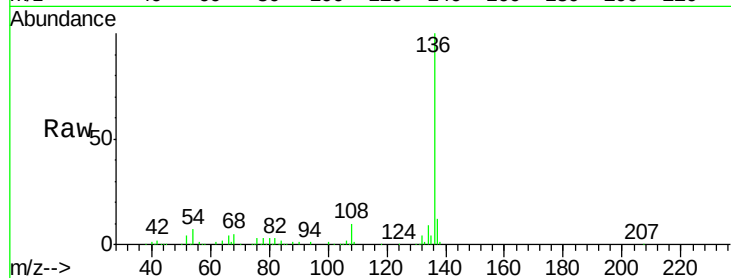




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

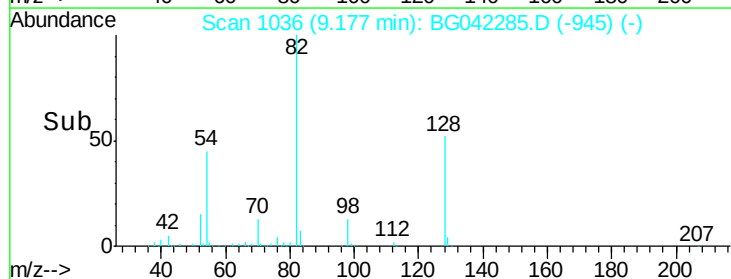
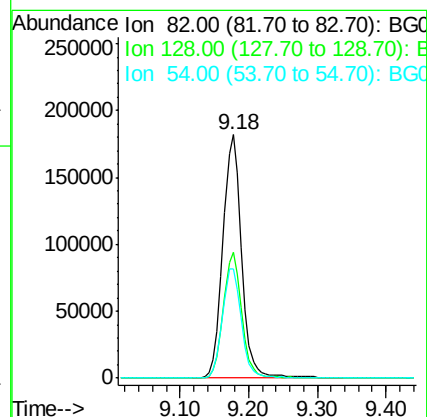
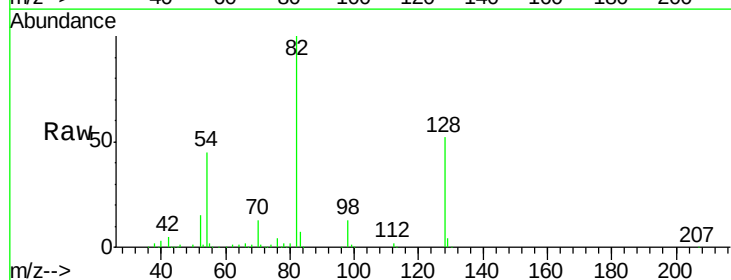
Instrument :
BNA_G
ClientSampleId :
TP-4

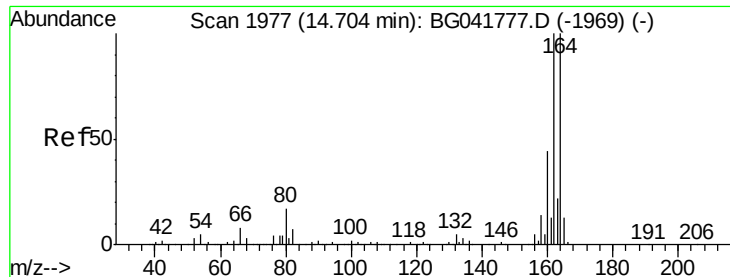
Tot Ion:136	Resp:	235455
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.2 13.8
54	6.8	8.7 13.1#
68	4.9	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 100.666 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion: 82	Resp:	344430
Ion Ratio	Lower	Upper
82	100	
128	51.7	35.1 52.7
54	44.7	48.7 73.1#

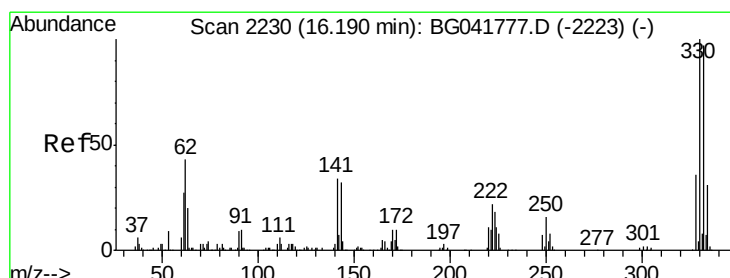
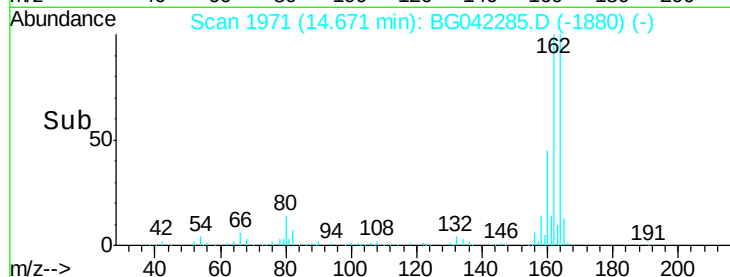
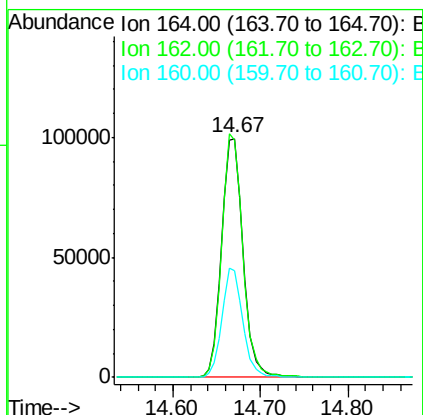
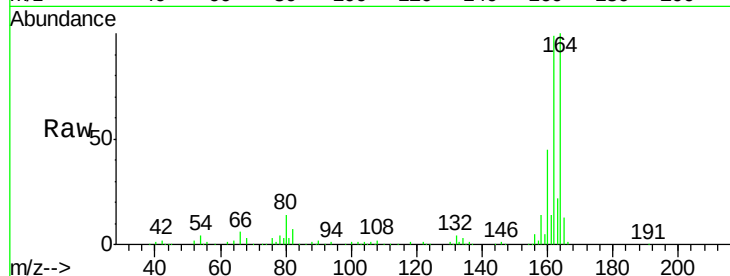




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042285.D
 Acq: 17 Aug 2019 11:37

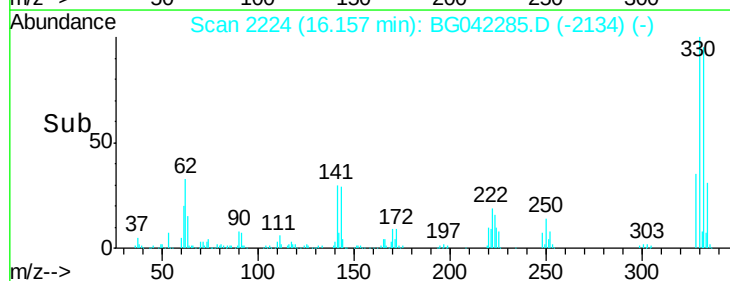
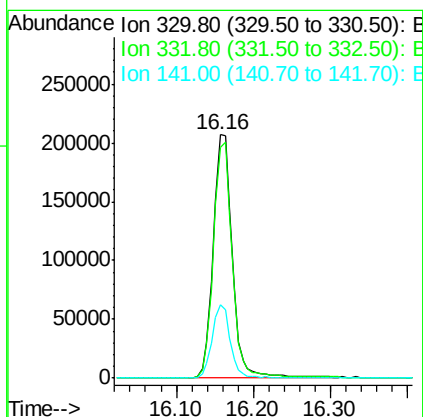
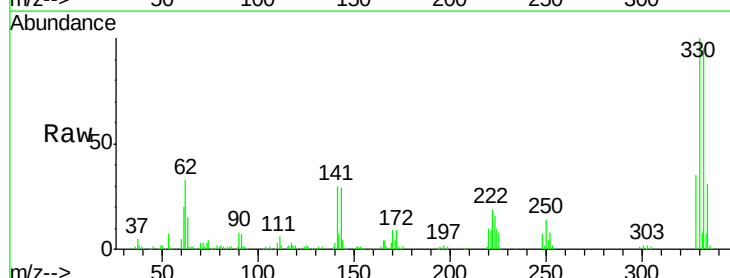
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

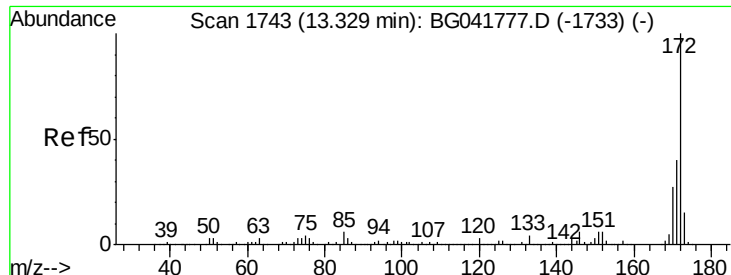
Tot Ion:164 Resp: 170174
 Ion Ratio Lower Upper
 164 100
 162 99.2 79.6 119.4
 160 44.8 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 182.751 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042285.D
 Acq: 17 Aug 2019 11:37

Tgt Ion:330 Resp: 353247
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 28.7 31.9 47.9#



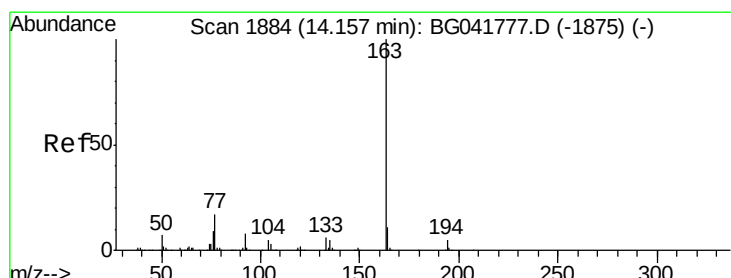
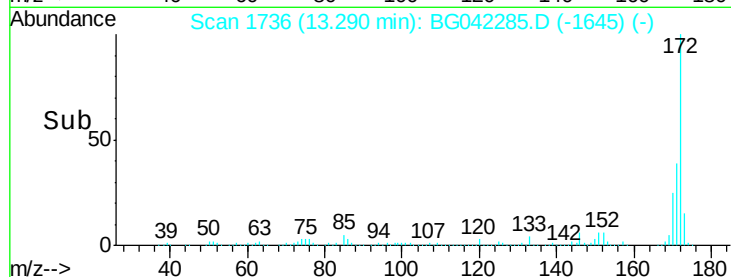
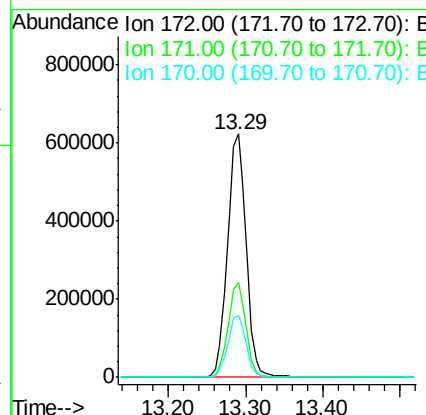
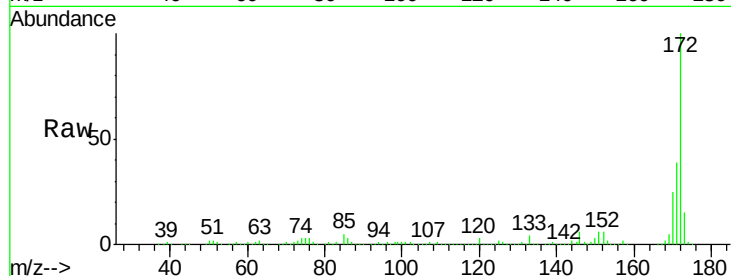


#45
 2-Fluorobiphenyl
 Concen: 108.654 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042285.D
 Acq: 17 Aug 2019 11:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:172 Resp: 1048356

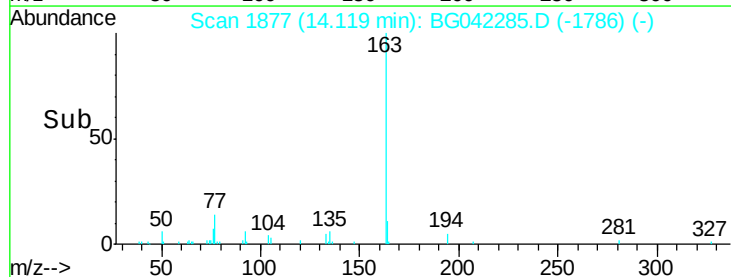
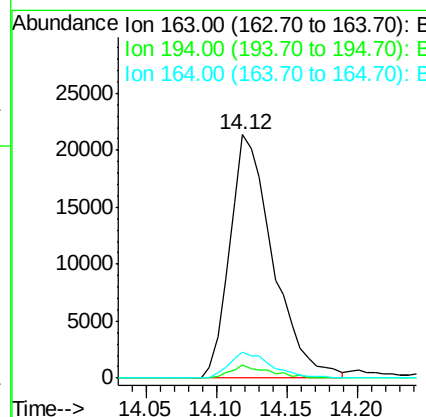
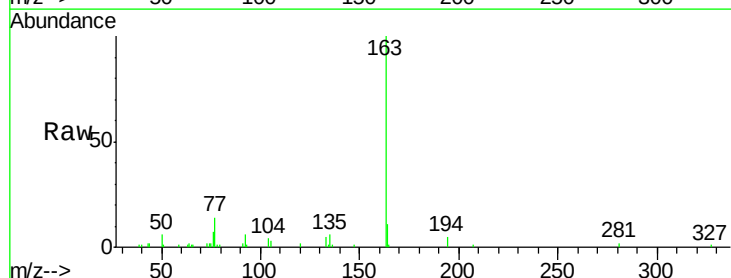
Ion	Ratio	Lower	Upper
172	100		
171	38.9	35.0	52.4
170	25.3	23.5	35.3

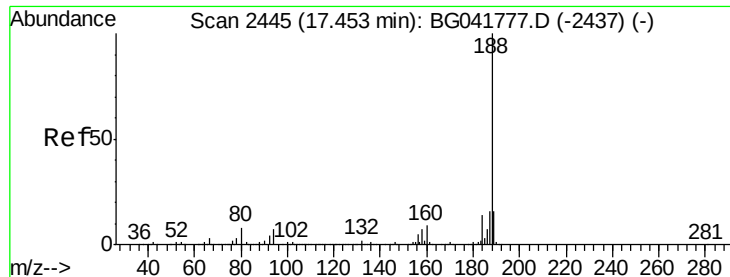


#50
 Dimethylphthalate
 Concen: 3.914 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BG042285.D
 Acq: 17 Aug 2019 11:37

Tgt Ion:163 Resp: 45493

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.8	9.4	14.2

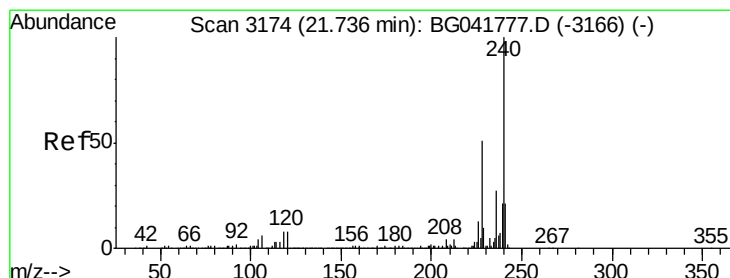
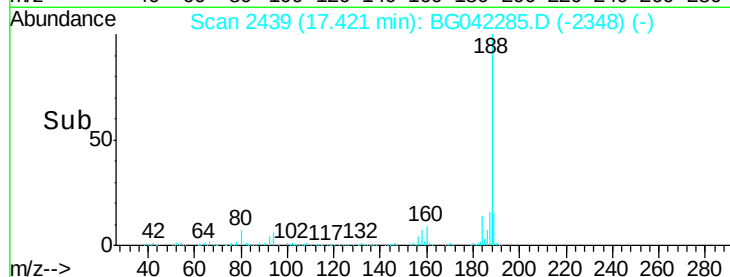
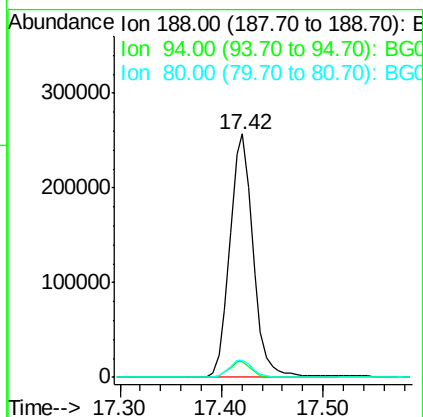
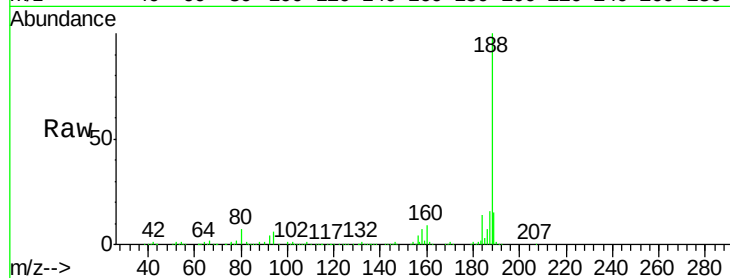




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

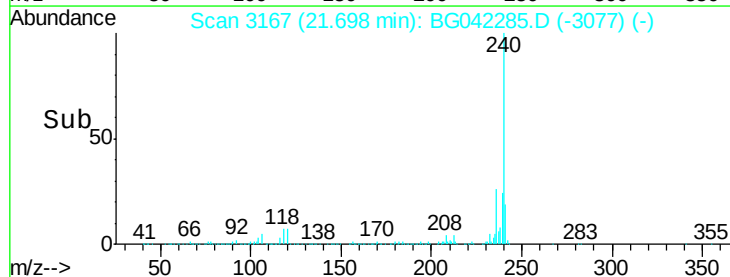
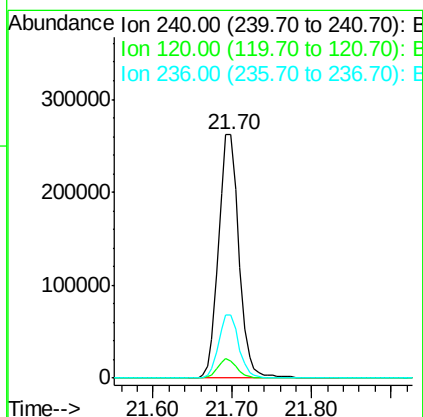
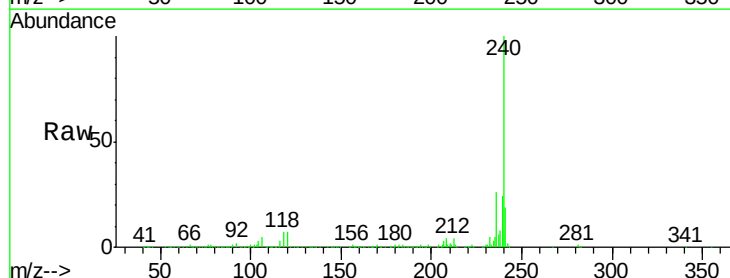
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BNA_G
ClientSampleId :
TP-4

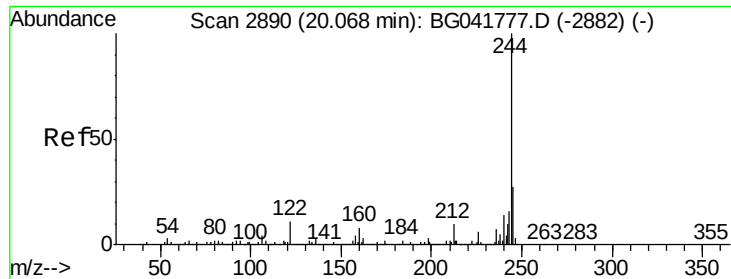
Tot Ion:188 Resp: 410317
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 6.9 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:240 Resp: 467818
Ion Ratio Lower Upper
240 100
120 7.1 8.0 12.0#
236 26.0 22.6 33.8





#79

Terphenyl-d14

Concen: 97.245 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042285.D

Acq: 17 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

TP-4

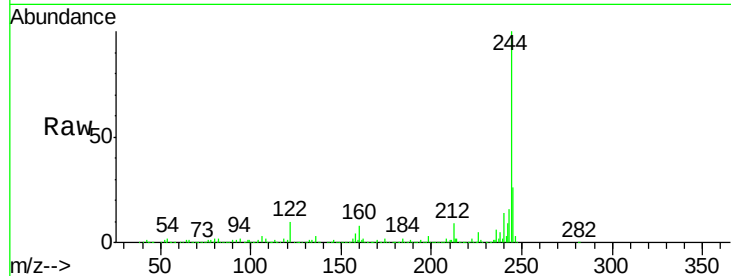
Tot Ion:244 Resp: 1988097

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

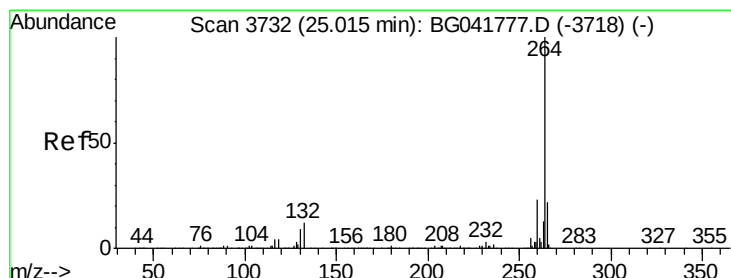
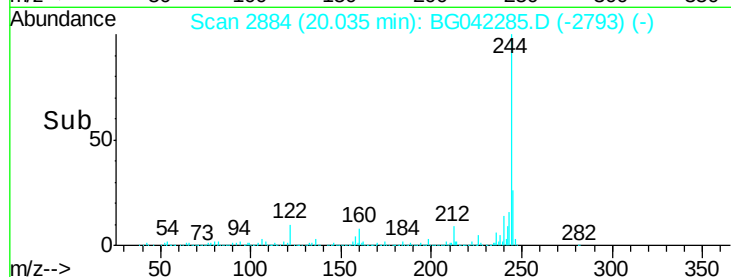
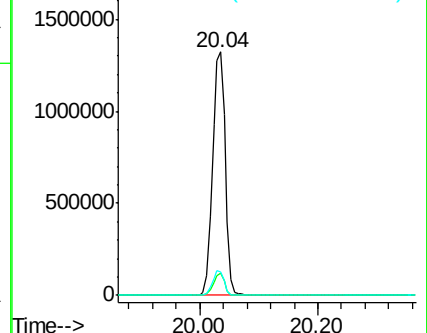
122 9.6 12.5 18.7#



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042285.D

Acq: 17 Aug 2019 11:37

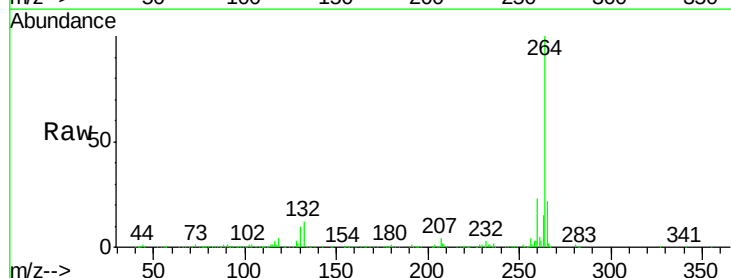
Tgt Ion:264 Resp: 501899

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 22.1 18.0 27.0



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

