

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102725.D
 Acq On : 3 Feb 2018 18:57
 Operator : SJ/JU
 Sample : J1436-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B12

Quant Time: Feb 05 02:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

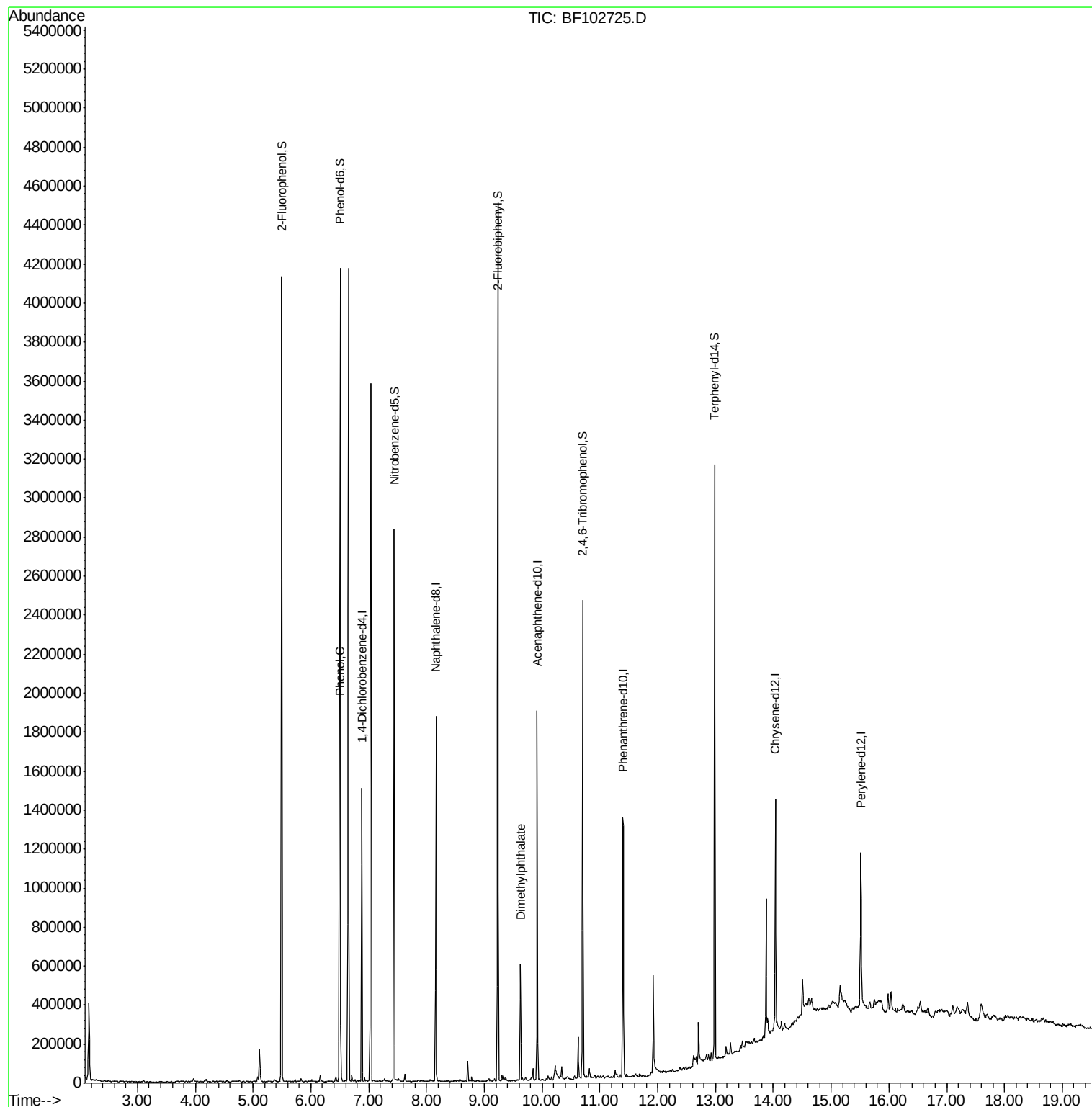
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198013	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	809094	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	333387	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	476326	20.00	ng	0.00
75) Chrysene-d12	14.04	240	365518	20.00	ng	0.00
86) Perylene-d12	15.52	264	367741	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1253460	96.13	ng	0.01
7) Phenol-d6	6.50	99	1469897	93.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	900602	77.22	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	257967	96.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1436239	71.49	ng	0.00
78) Terphenyl-d14	12.99	244	955073	61.87	ng	0.00
Target Compounds						
10) Phenol	6.52	94	66538	3.955	ng	95
49) Dimethylphthalate	9.63	163	203283	7.820	ng	99

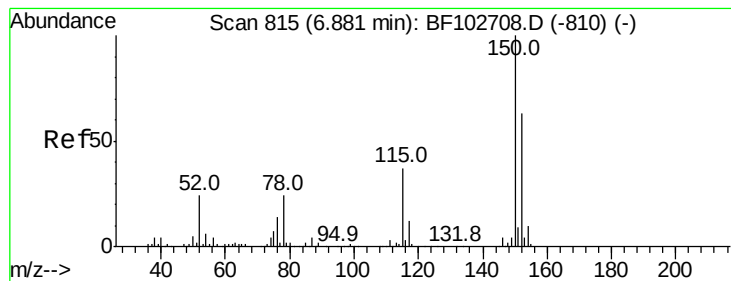
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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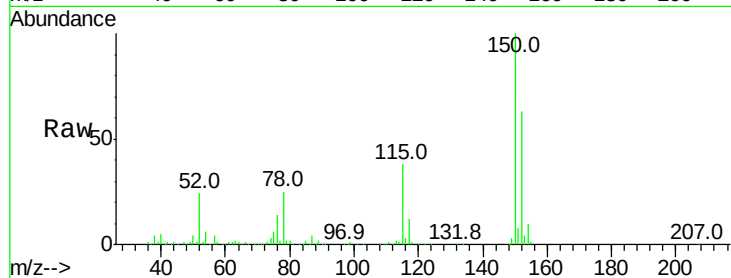


#1

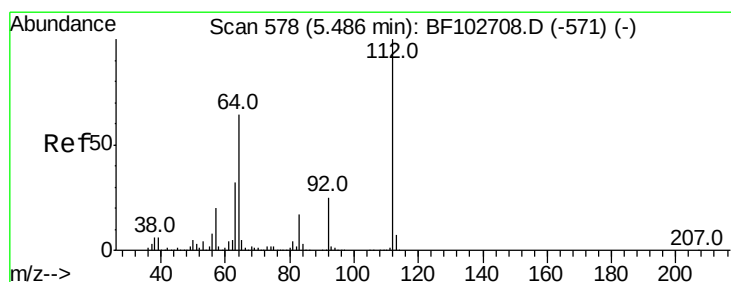
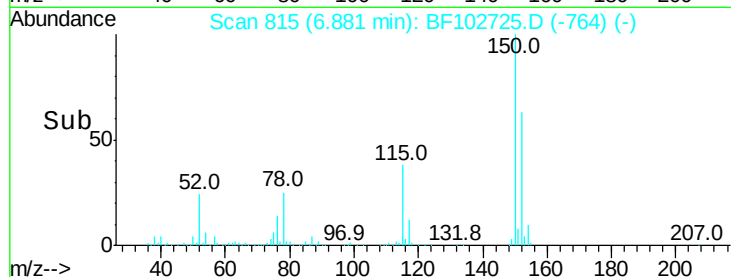
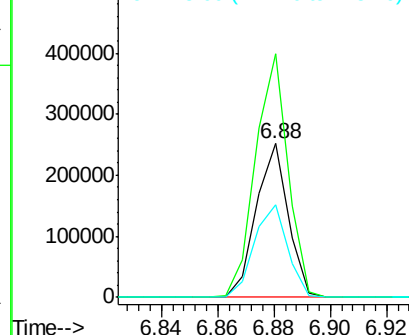
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :
B12

Tot Ion:152 Resp: 198013
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.1 50.1 75.1



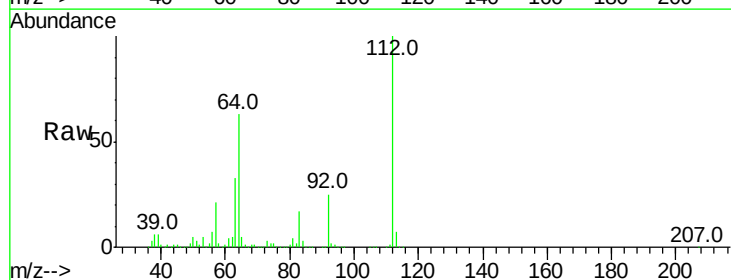
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



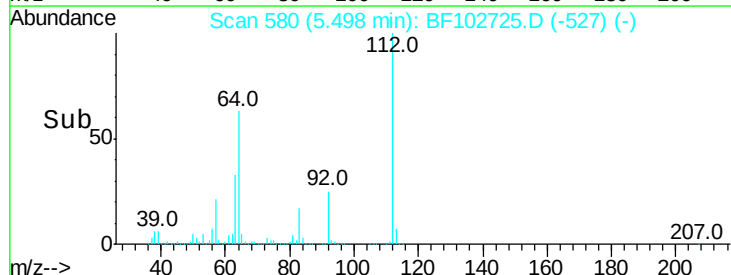
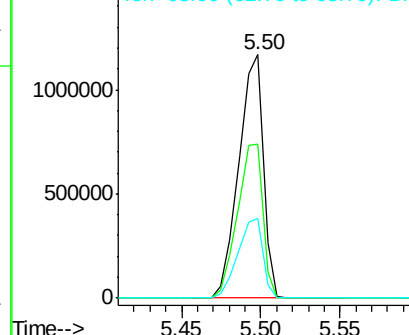
#5

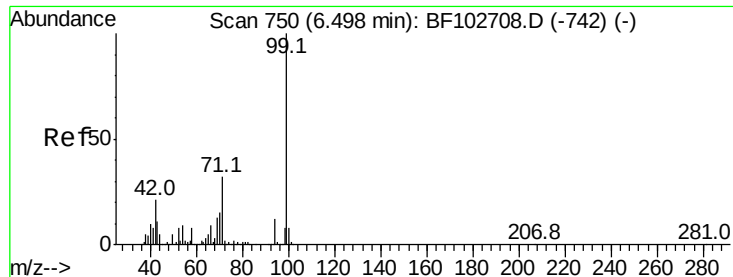
2-Fluorophenol
Concen: 96.135 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:112 Resp: 1253460
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.628 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102725.D

Acq: 3 Feb 2018 18:57

Instrument :

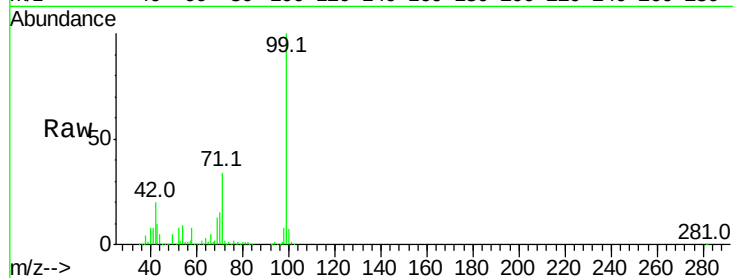
BNA_F

ClientSampled :

B12

Tot Ion: 99 Resp: 1469897

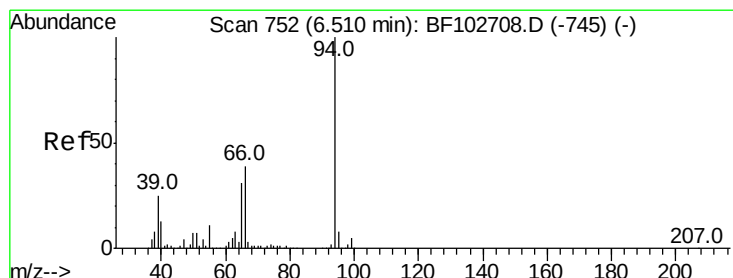
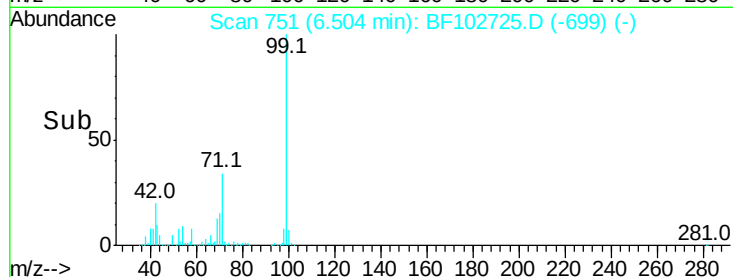
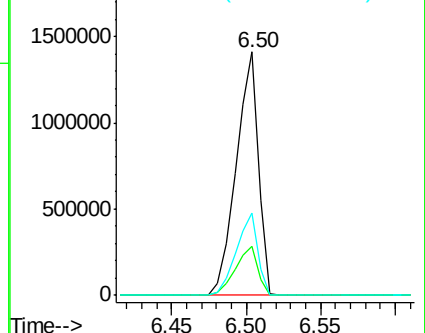
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.955 ng

RT: 6.52 min Scan# 753

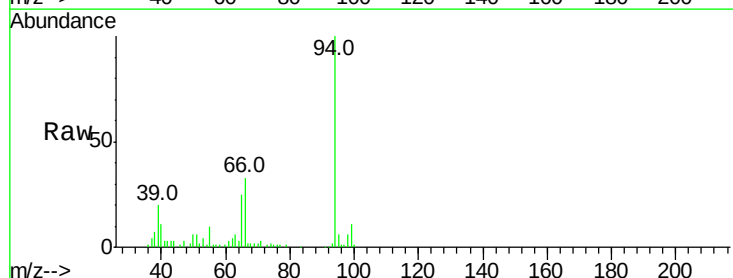
Delta R.T. 0.01 min

Lab File: BF102725.D

Acq: 3 Feb 2018 18:57

Tgt Ion: 94 Resp: 66538

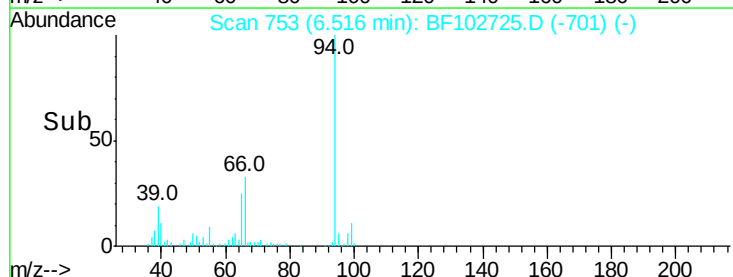
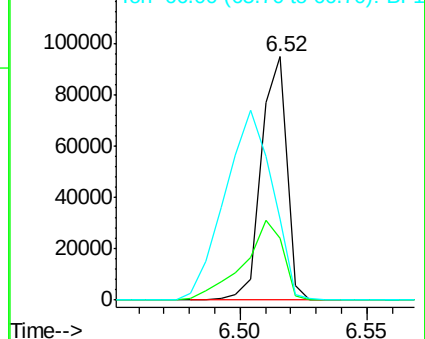
Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	33.1	16.2	56.2

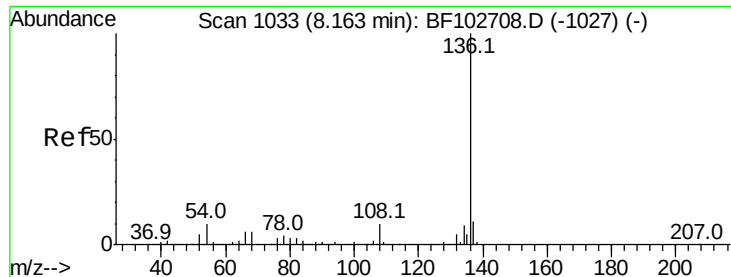


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

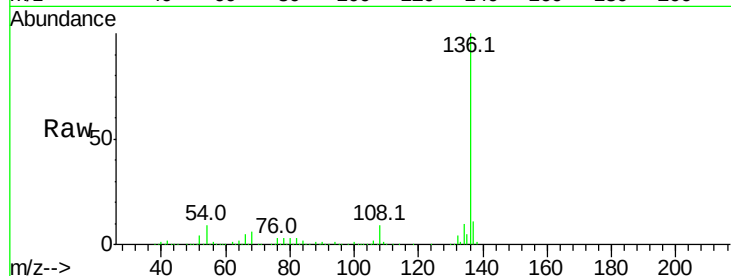




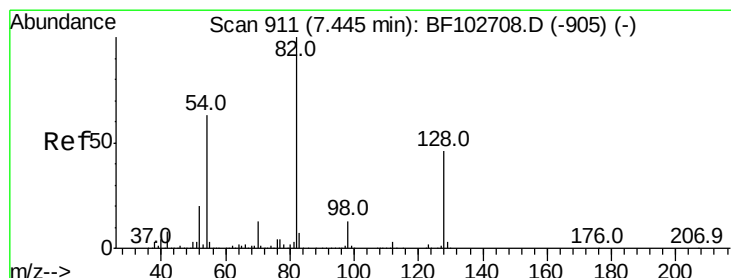
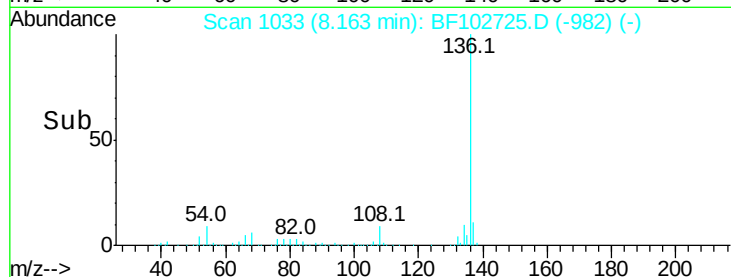
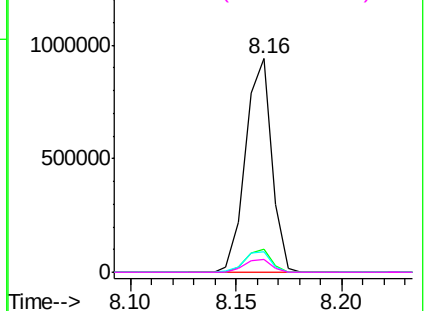
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :
B12

Tot Ion:136	Resp:	809094
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.3	6.6 9.8
68	5.8	5.0 7.4

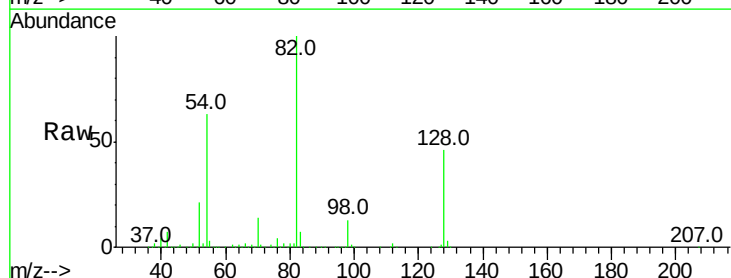


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

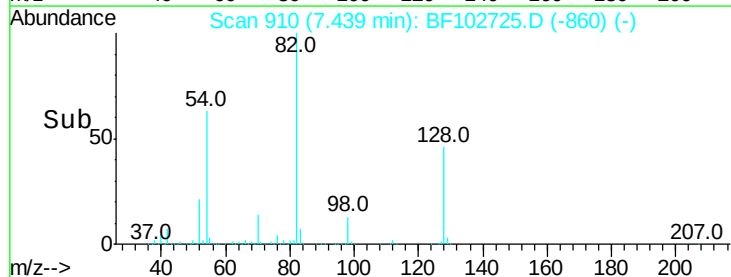
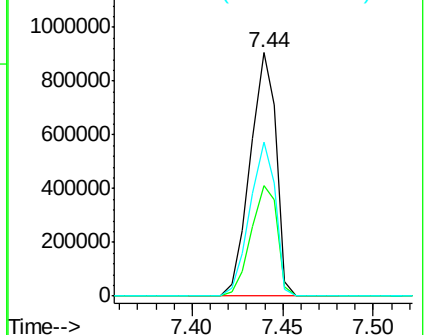


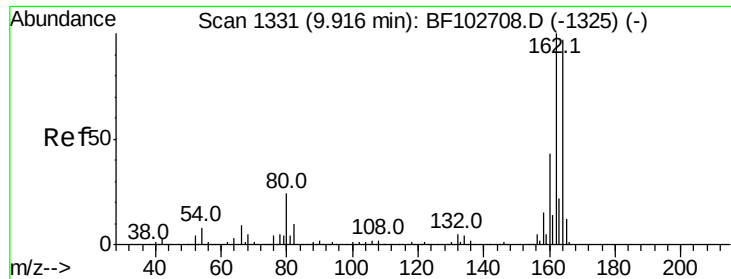
#23
Nitrobenzene-d5
Concen: 77.216 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion: 82	Resp:	900602
Ion	Ratio	Lower Upper
82	100	
128	45.6	36.1 54.1
54	63.2	41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

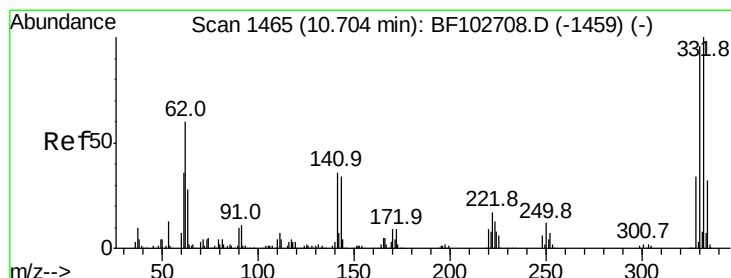
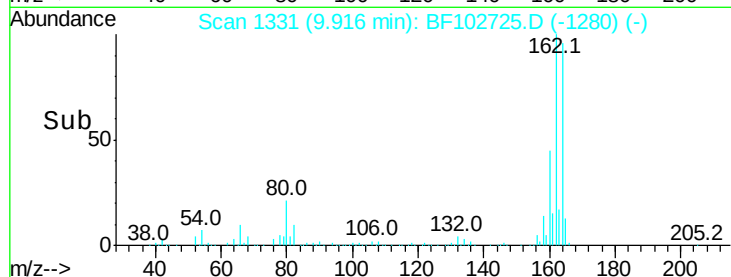
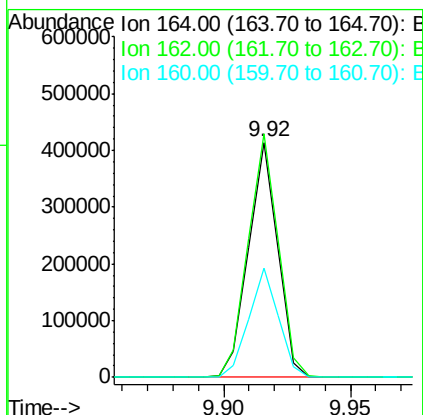
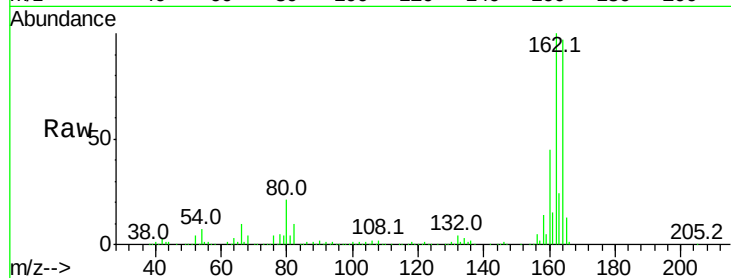




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

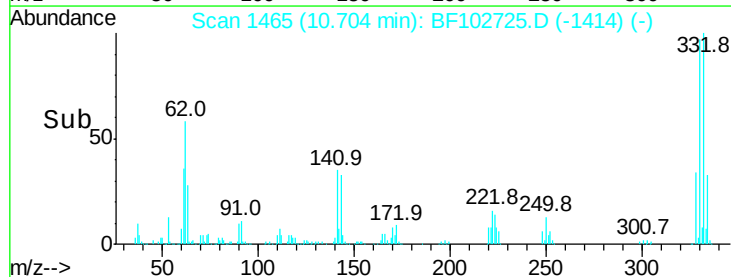
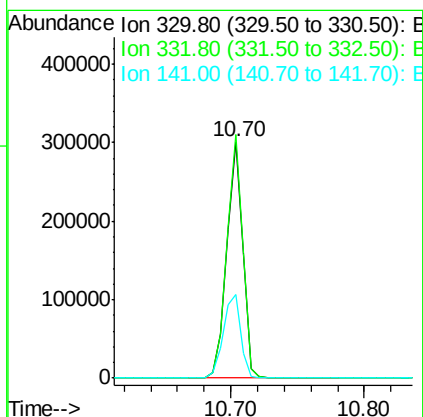
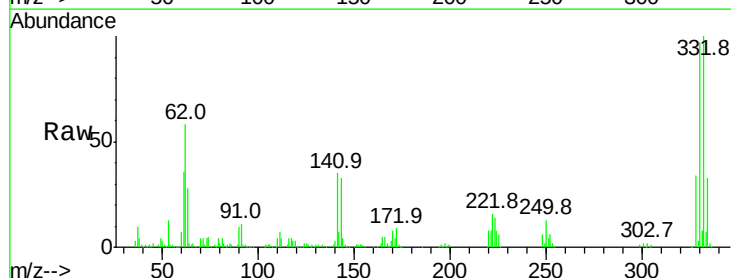
Instrument :
BNA_F
ClientSampleId :
B12

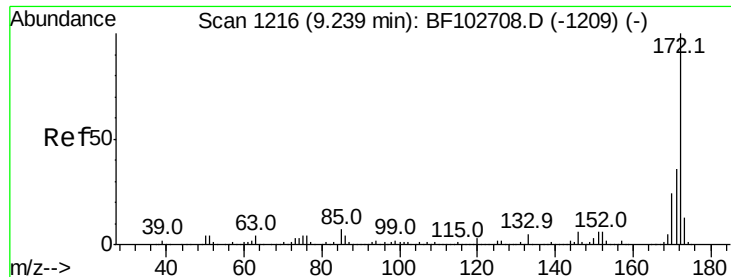
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.6	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 96.135 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	38.7	29.9	44.9



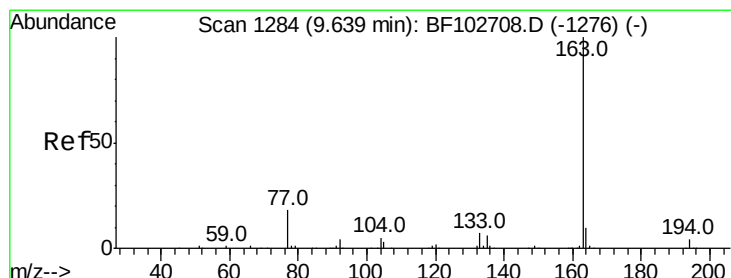
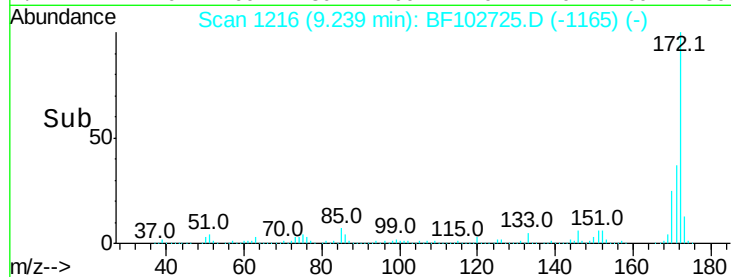
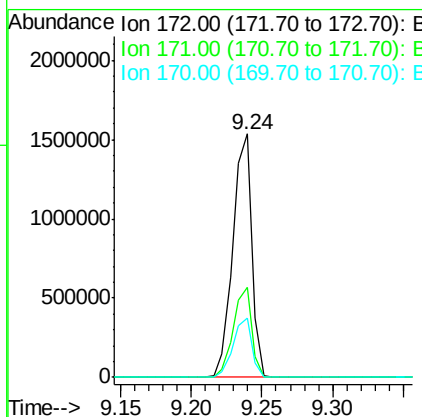
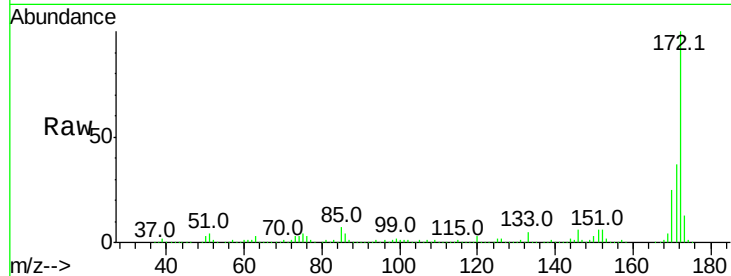


#44
 2-Fluorobiphenyl
 Concen: 71.485 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF102725.D
 Acq: 3 Feb 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 B12

Tot Ion:172 Resp: 1436239

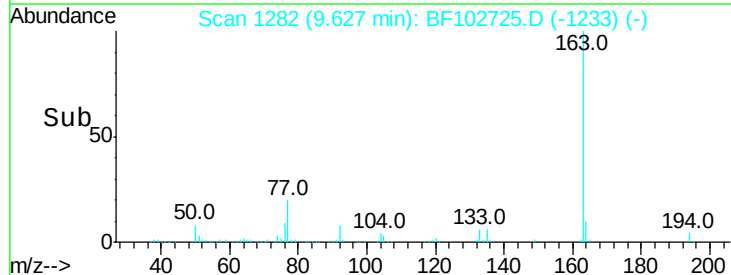
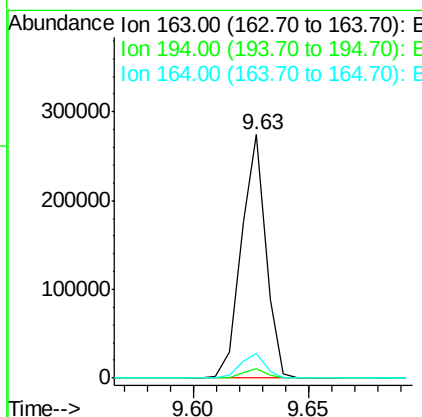
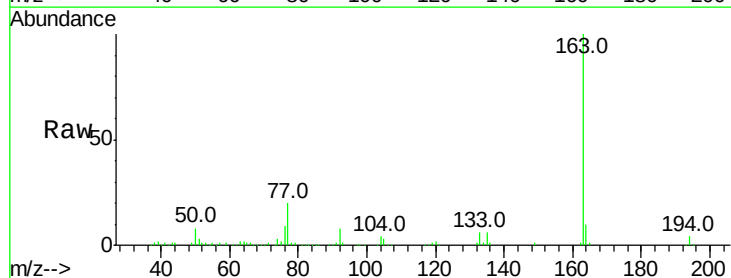
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	19.6	29.4

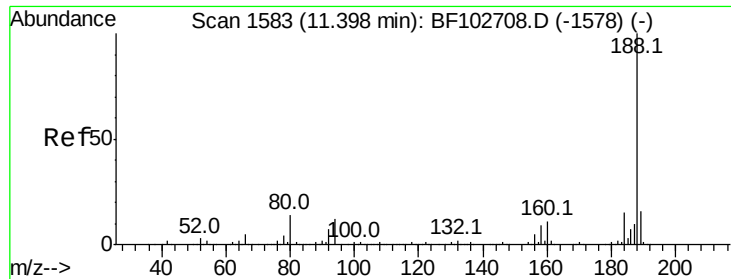


#49
 Dimethylphthalate
 Concen: 7.820 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF102725.D
 Acq: 3 Feb 2018 18:57

Tgt Ion:163 Resp: 203283

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

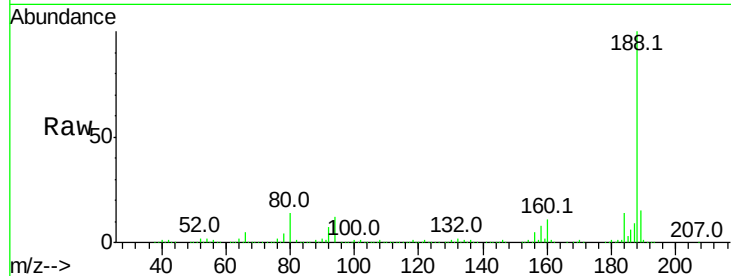




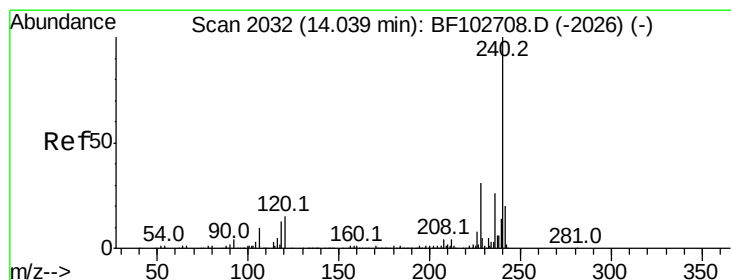
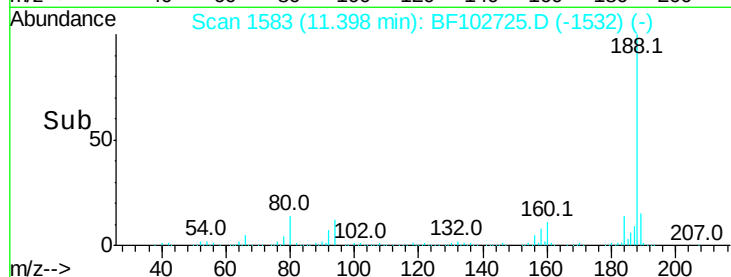
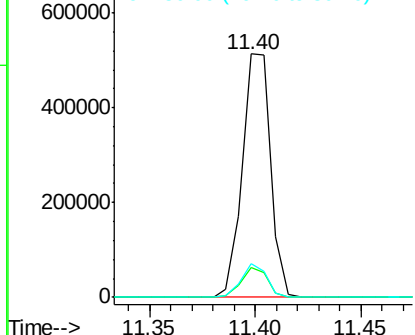
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :
B12

Tot Ion:188 Resp: 476326
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.7 9.2 13.8

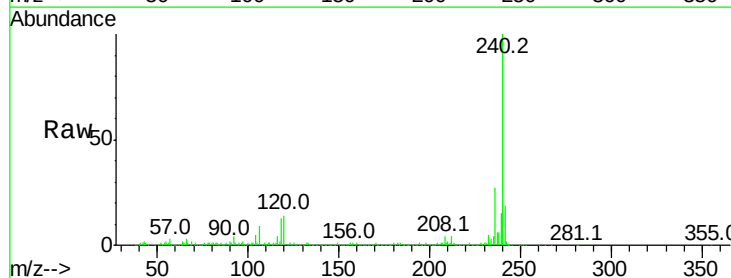


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

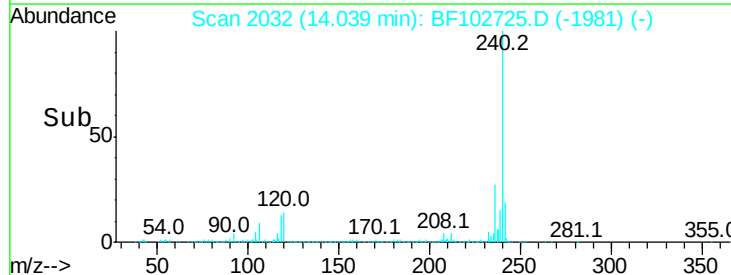
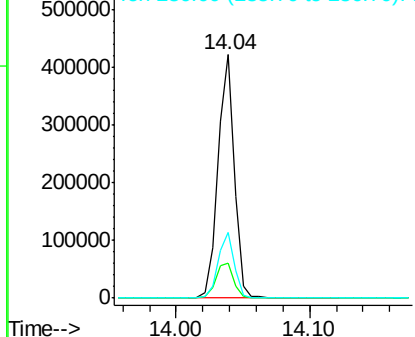


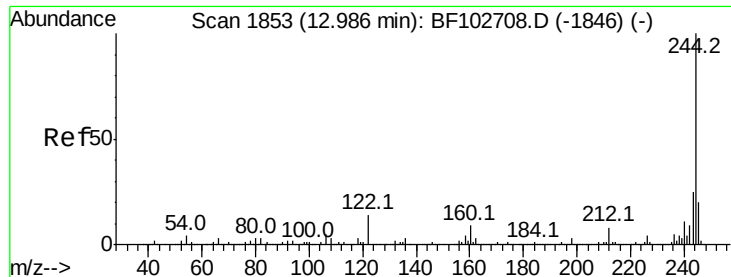
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:240 Resp: 365518
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 26.8 20.7 31.1



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





#78

Terphenyl-d14

Concen: 61.868 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102725.D

Acq: 3 Feb 2018 18:57

Instrument :

BNA_F

ClientSampled :

B12

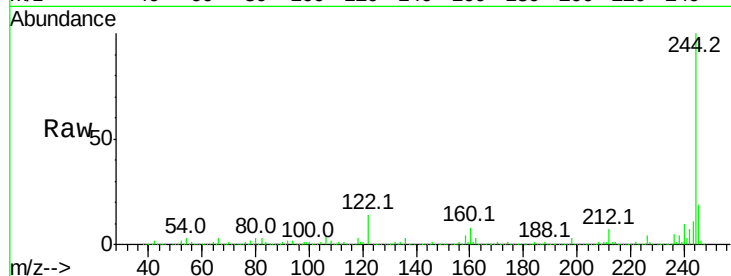
Tot Ion:244 Resp: 955073

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

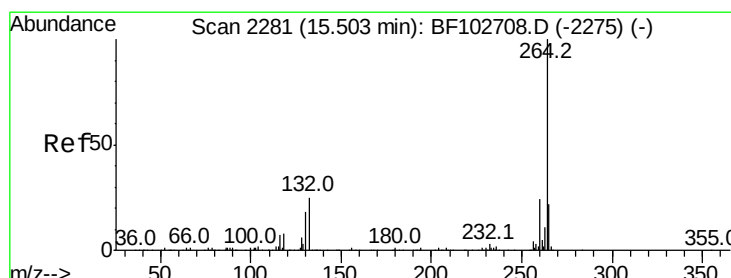
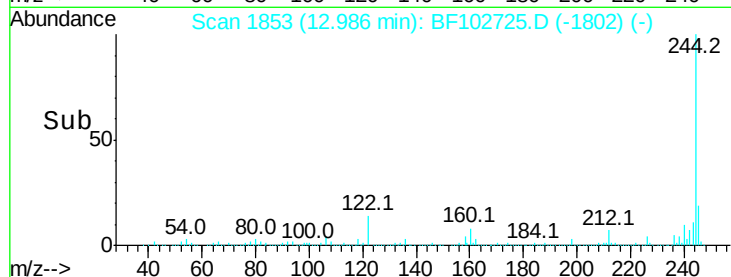
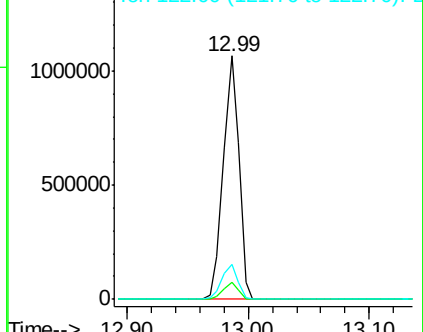
122 14.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF102725.D

Acq: 3 Feb 2018 18:57

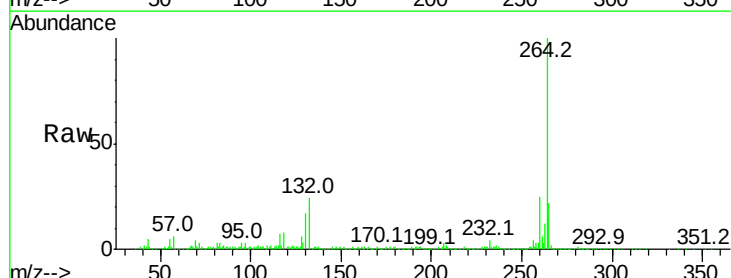
Tgt Ion:264 Resp: 367741

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 17.5 26.3



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

