

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102770.D
 Acq On : 6 Feb 2018 6:38
 Operator : SJ/JU
 Sample : J1454-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(4-8)

Quant Time: Feb 06 07:34:19 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 12:44:16 2018
 Response via : Initial Calibration

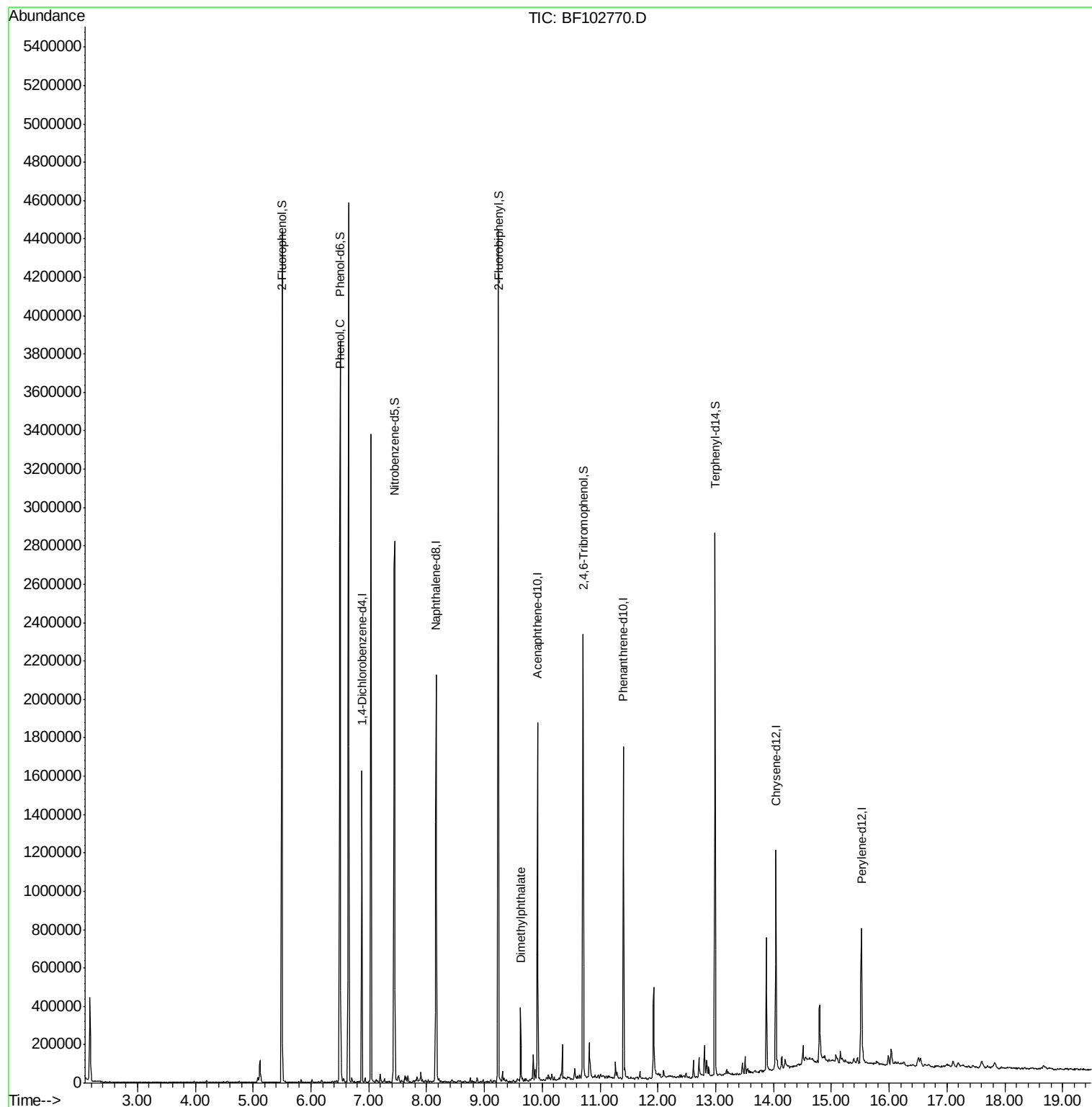
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	208509	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	872241	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	380696	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	571069	20.00	ng	0.00
75) Chrysene-d12	14.04	240	372628	20.00	ng	-0.01
86) Perylene-d12	15.52	264	321314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1282468	93.41	ng	0.00
7) Phenol-d6	6.50	99	1528254	92.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	950753	75.61	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	285746	93.25	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1359607	59.26	ng	0.00
78) Terphenyl-d14	12.99	244	980862	62.33	ng	0.00
Target Compounds						
10) Phenol	6.52	94	40485	2.285	ng	97
49) Dimethylphthalate	9.63	163	125962	4.243	ng	99

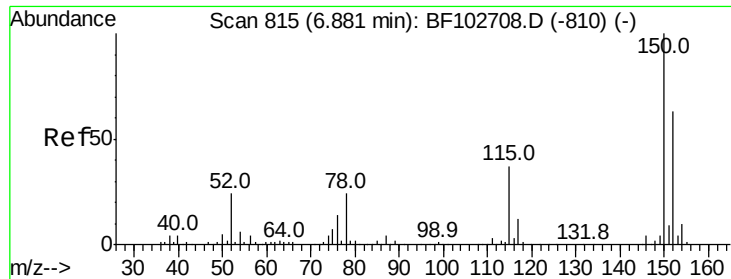
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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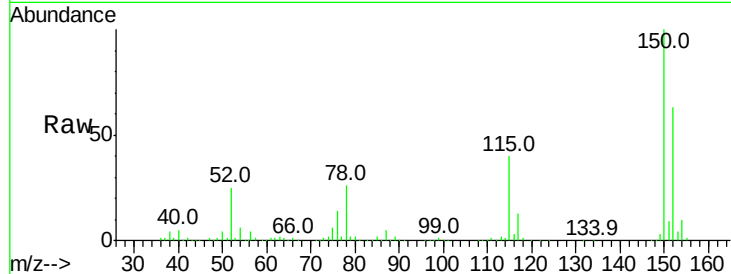


#1

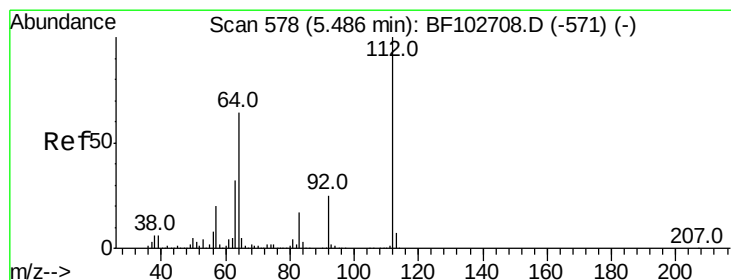
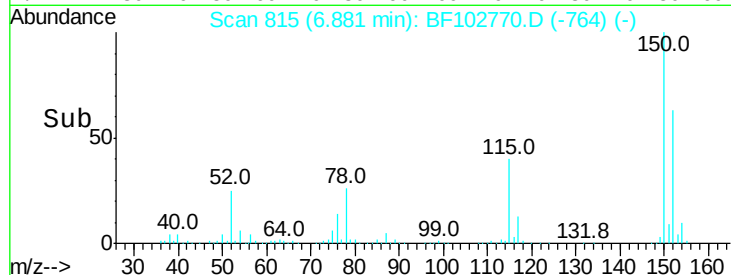
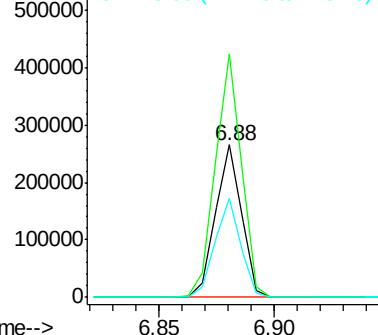
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(4-8)

Tot Ion:152 Resp: 208509
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 64.7 50.1 75.1



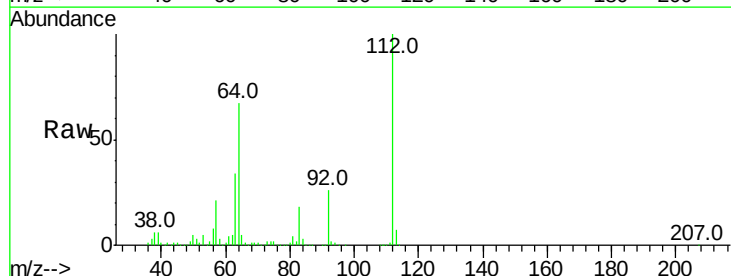
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



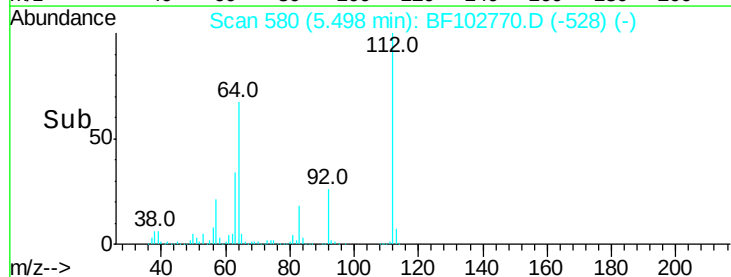
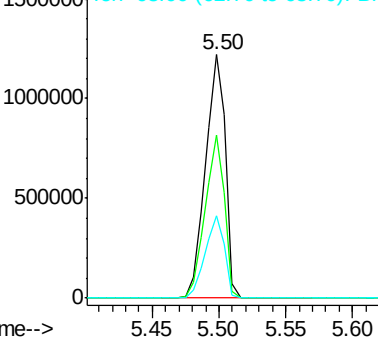
#5

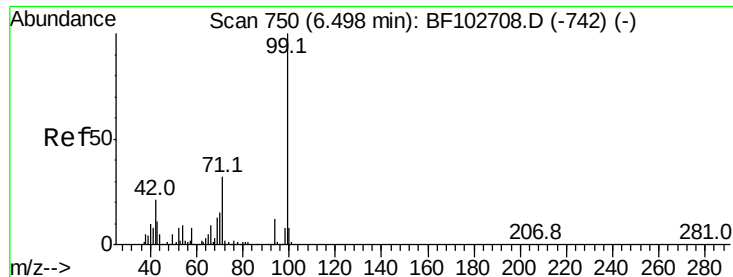
2-Fluorophenol
Concen: 93.408 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:112 Resp: 1282468
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 33.6 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: 92.445 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Instrument :

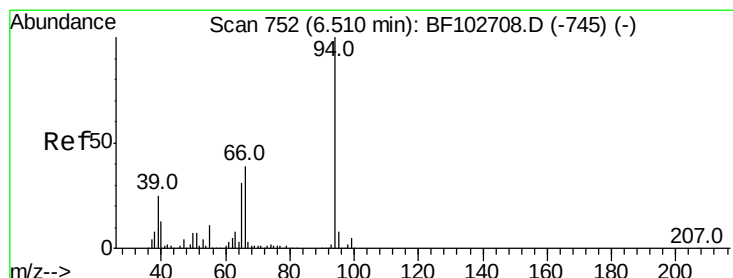
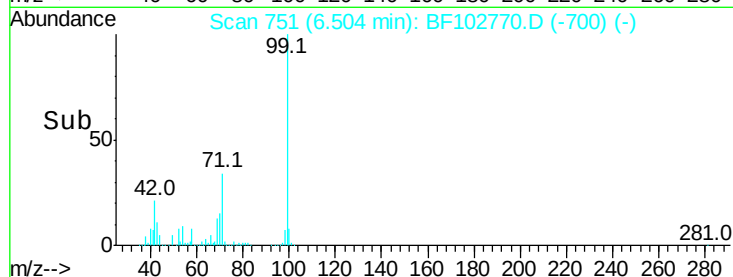
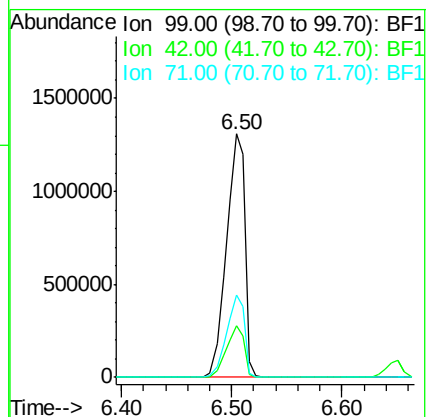
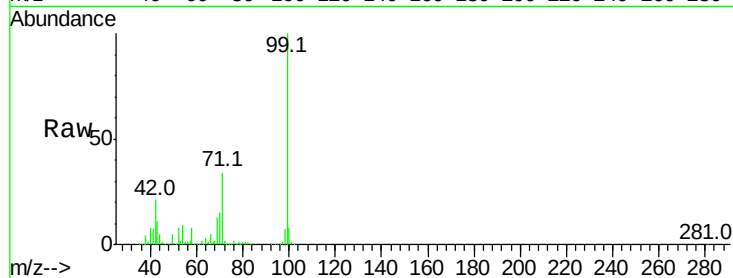
BNA_F

ClientSampleId :

8-SAN-5-EW(4-8)

Tot Ion: 99 Resp: 1528254

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.8	25.4	38.0



#10

Phenol

Concen: 2.285 ng

RT: 6.52 min Scan# 753

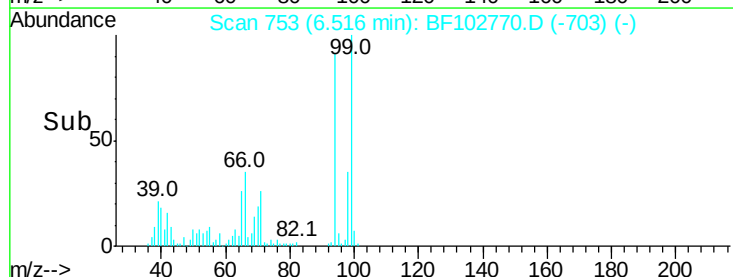
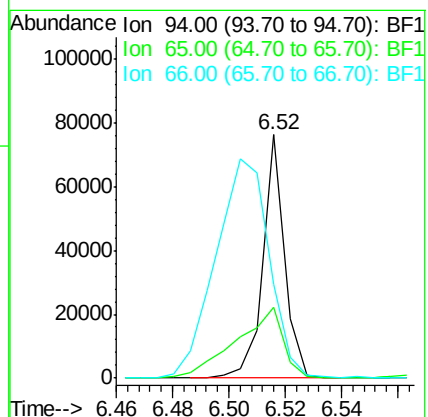
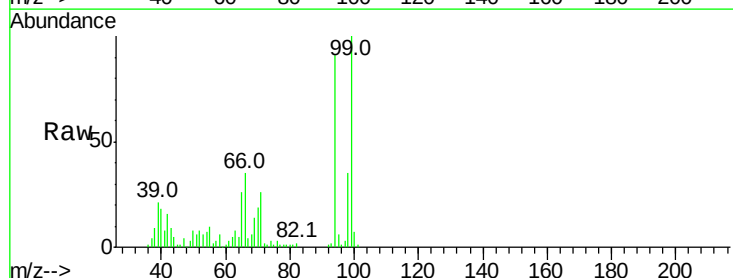
Delta R.T. -0.01 min

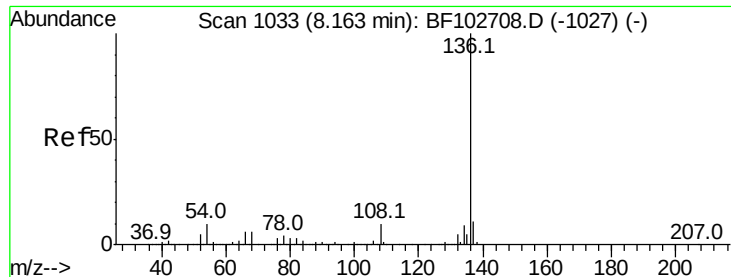
Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Tgt Ion: 94 Resp: 40485

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	38.4	16.2	56.2

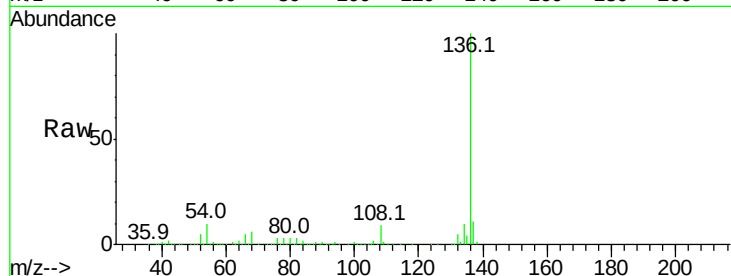




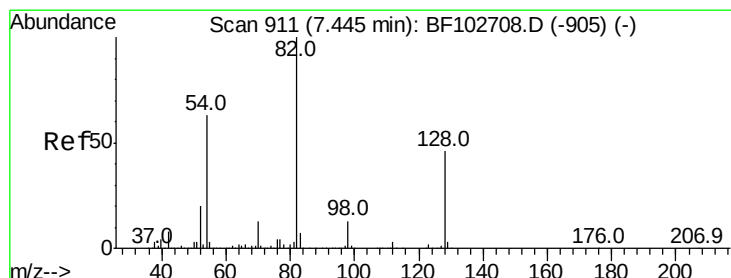
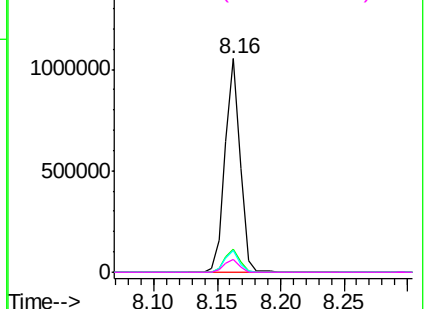
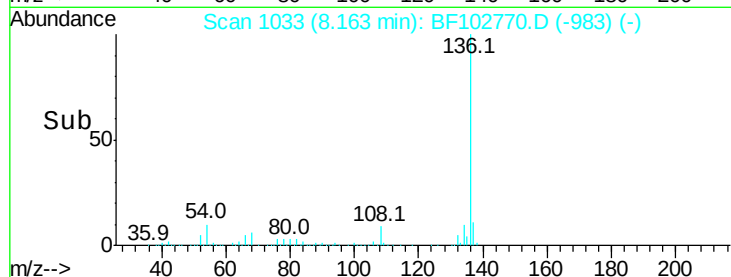
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(4-8)

Tot Ion:136	Resp:	872241
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.0	6.6 9.8#
68	6.0	5.0 7.4

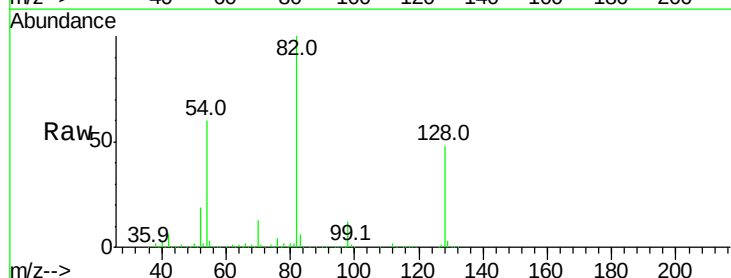


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

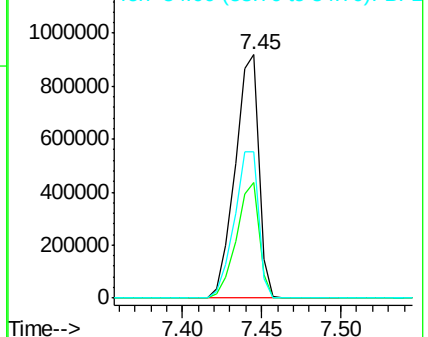
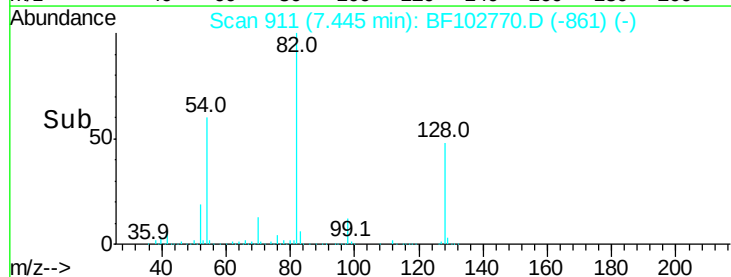


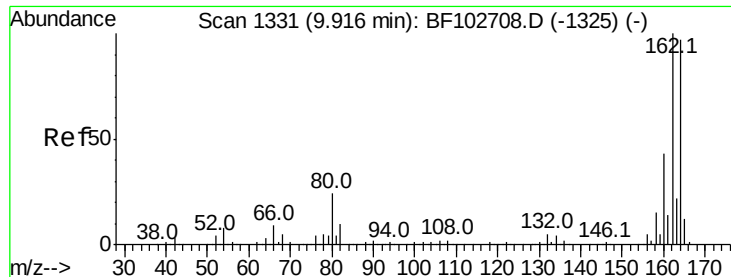
#23
Nitrobenzene-d5
Concen: 75.615 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion: 82	Resp:	950753
Ion Ratio	Lower	Upper
82	100	
128	47.7	36.1 54.1
54	59.9	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

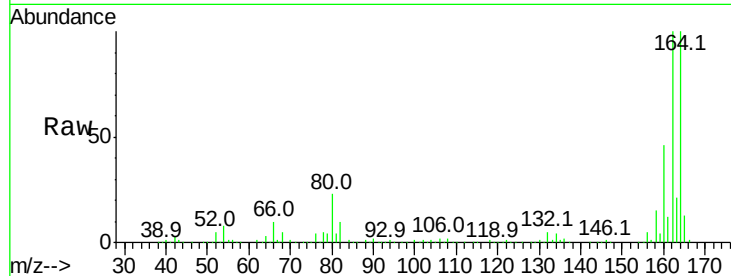




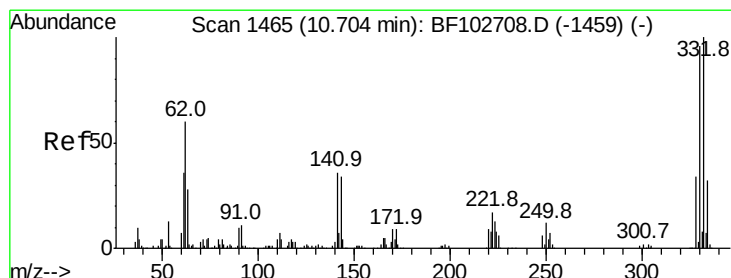
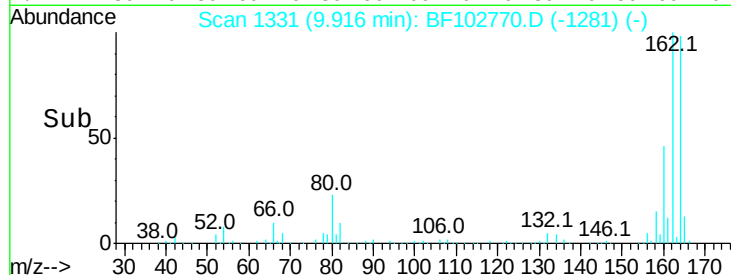
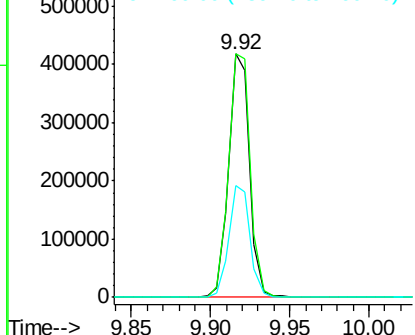
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(4-8)

Tot Ion:164 Resp: 380696
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 45.7 38.3 57.5

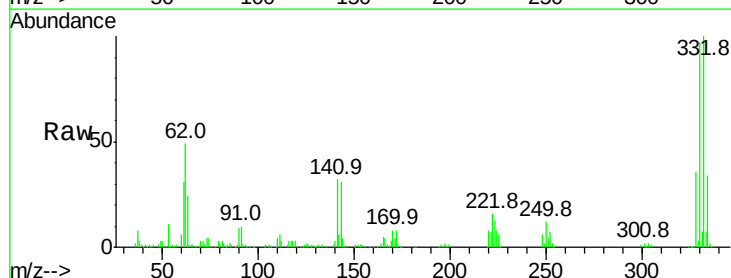


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

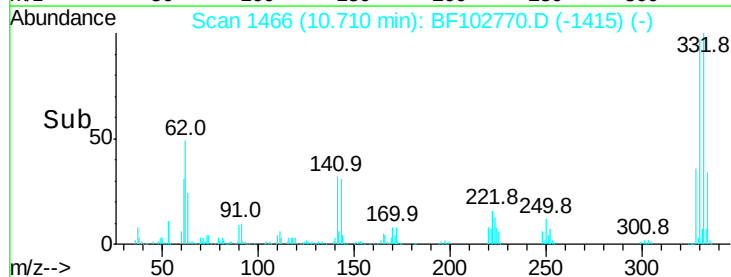
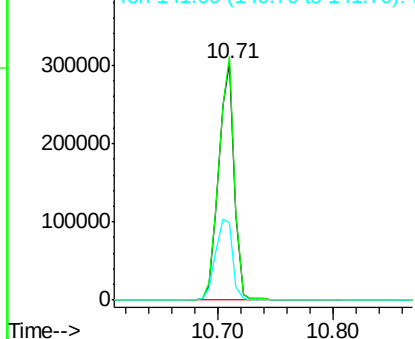


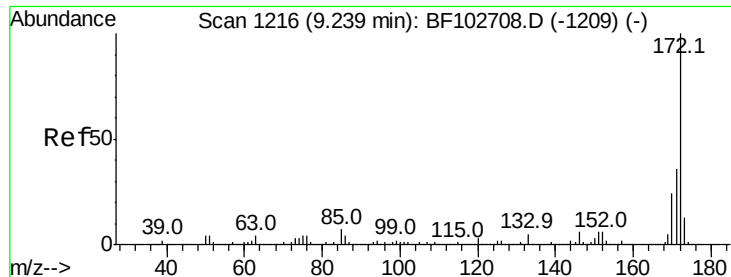
#41
2,4,6-Tribromophenol
Concen: 93.254 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:330 Resp: 285746
Ion Ratio Lower Upper
330 100
332 101.9 77.0 115.6
141 37.6 29.9 44.9



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



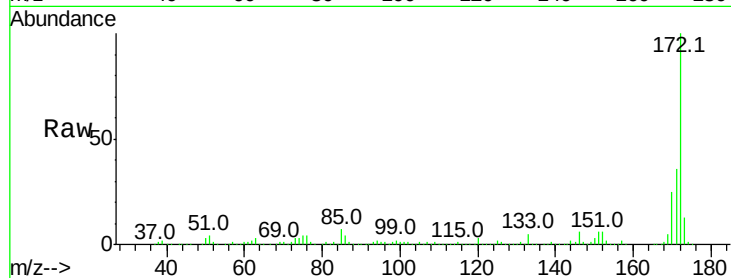


#44
2-Fluorobiphenyl
Concen: 59.262 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

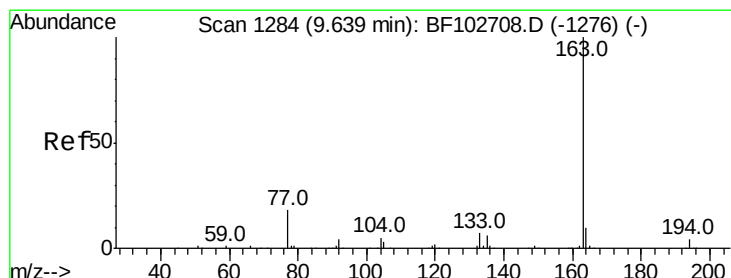
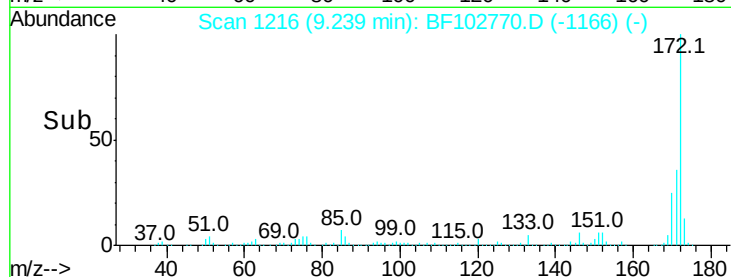
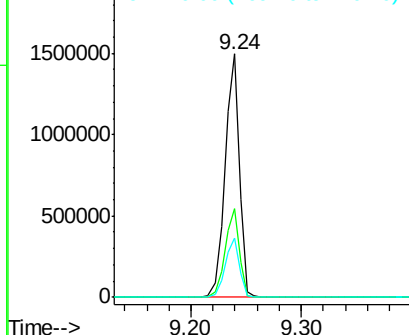
Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(4-8)

Tot Ion:172 Resp: 1359607

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4



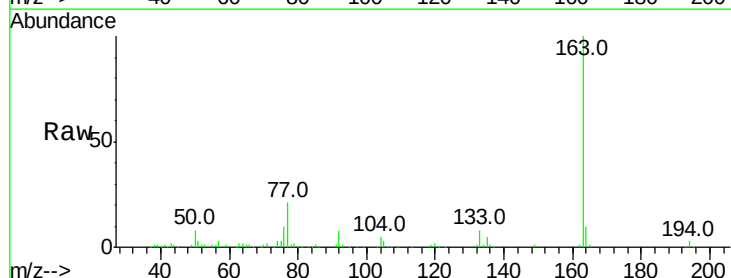
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



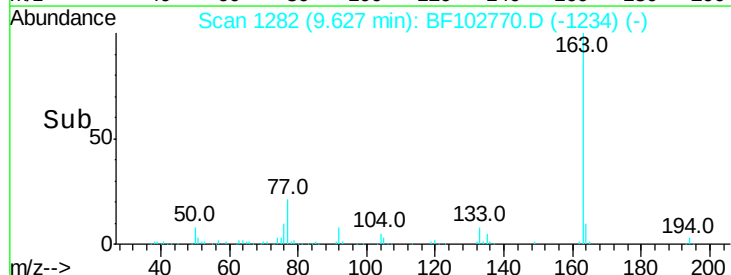
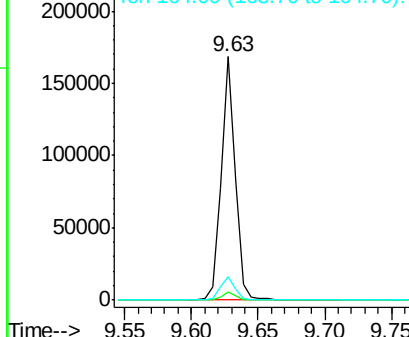
#49
Dimethylphthalate
Concen: 4.243 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

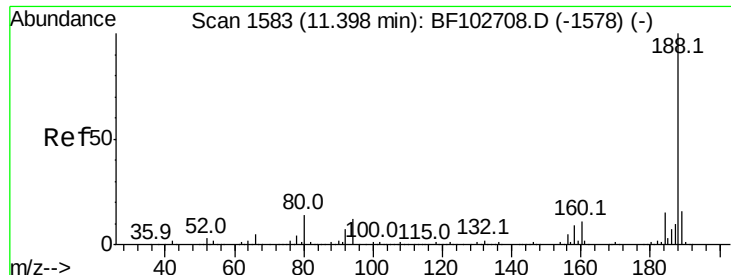
Tgt Ion:163 Resp: 125962

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

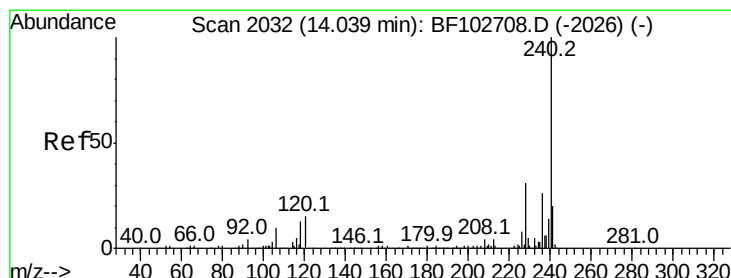
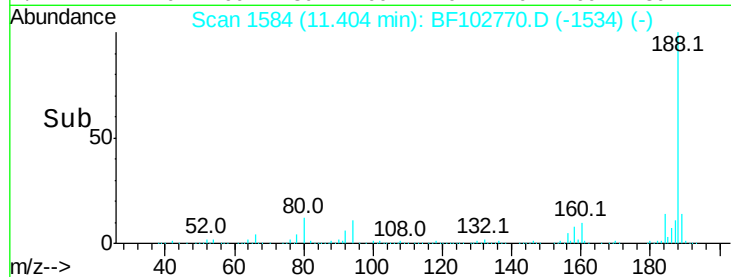
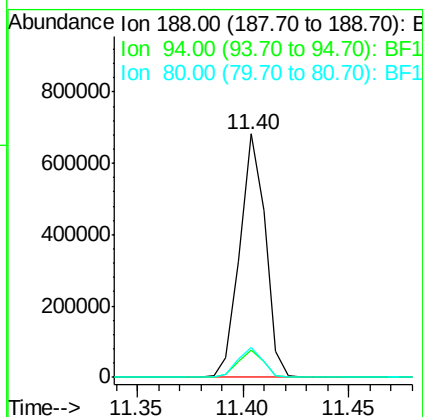
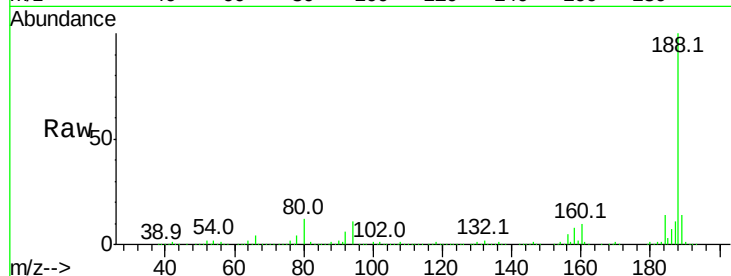




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

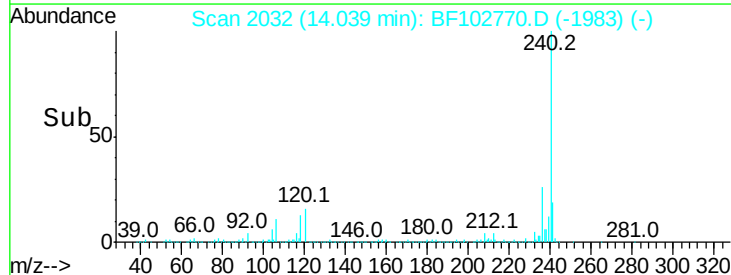
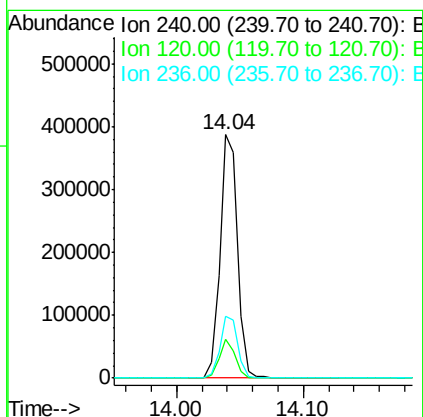
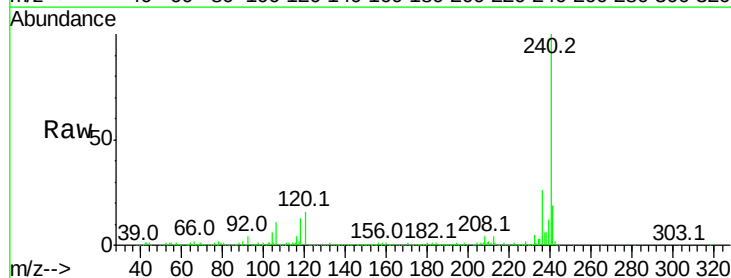
Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(4-8)

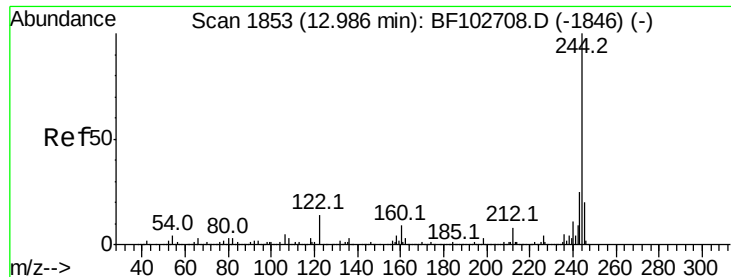
Tot Ion:188 Resp: 571069
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:240 Resp: 372628
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 62.326 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(4-8)

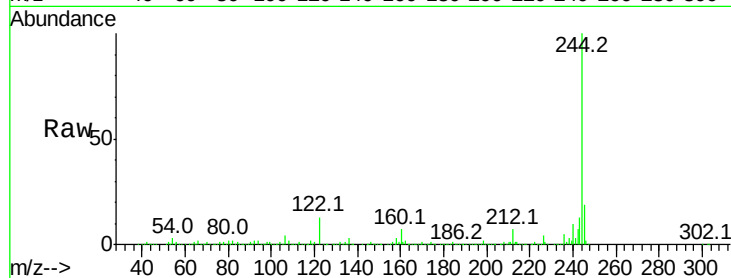
Tot Ion:244 Resp: 980862

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

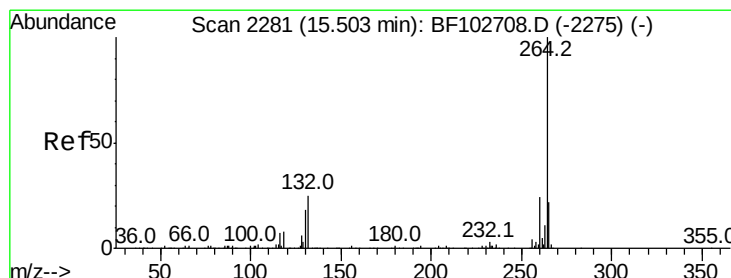
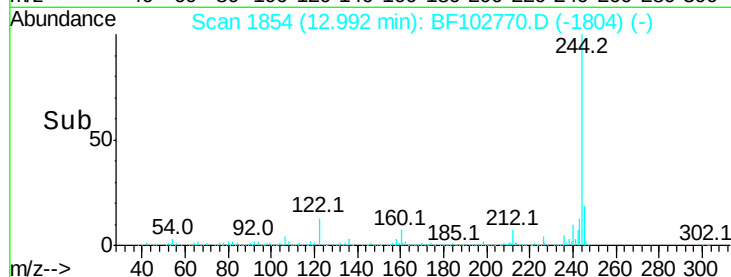
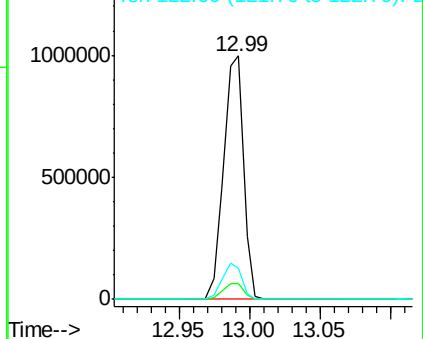
122 12.5 11.0 16.4



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# 2284

Delta R.T. -0.01 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

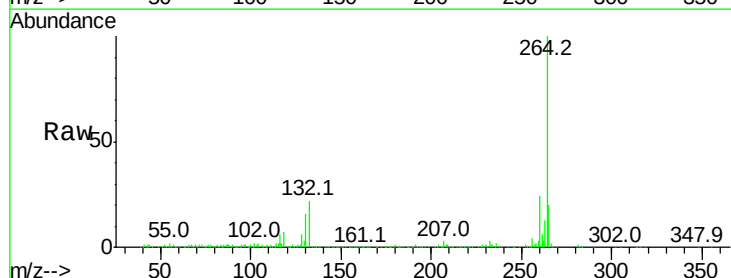
Tgt Ion:264 Resp: 321314

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.4 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

