

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102768.D
 Acq On : 6 Feb 2018 5:44
 Operator : SJ/JU
 Sample : J1454-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-7-EW(4-7)

Quant Time: Feb 06 07:43:43 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

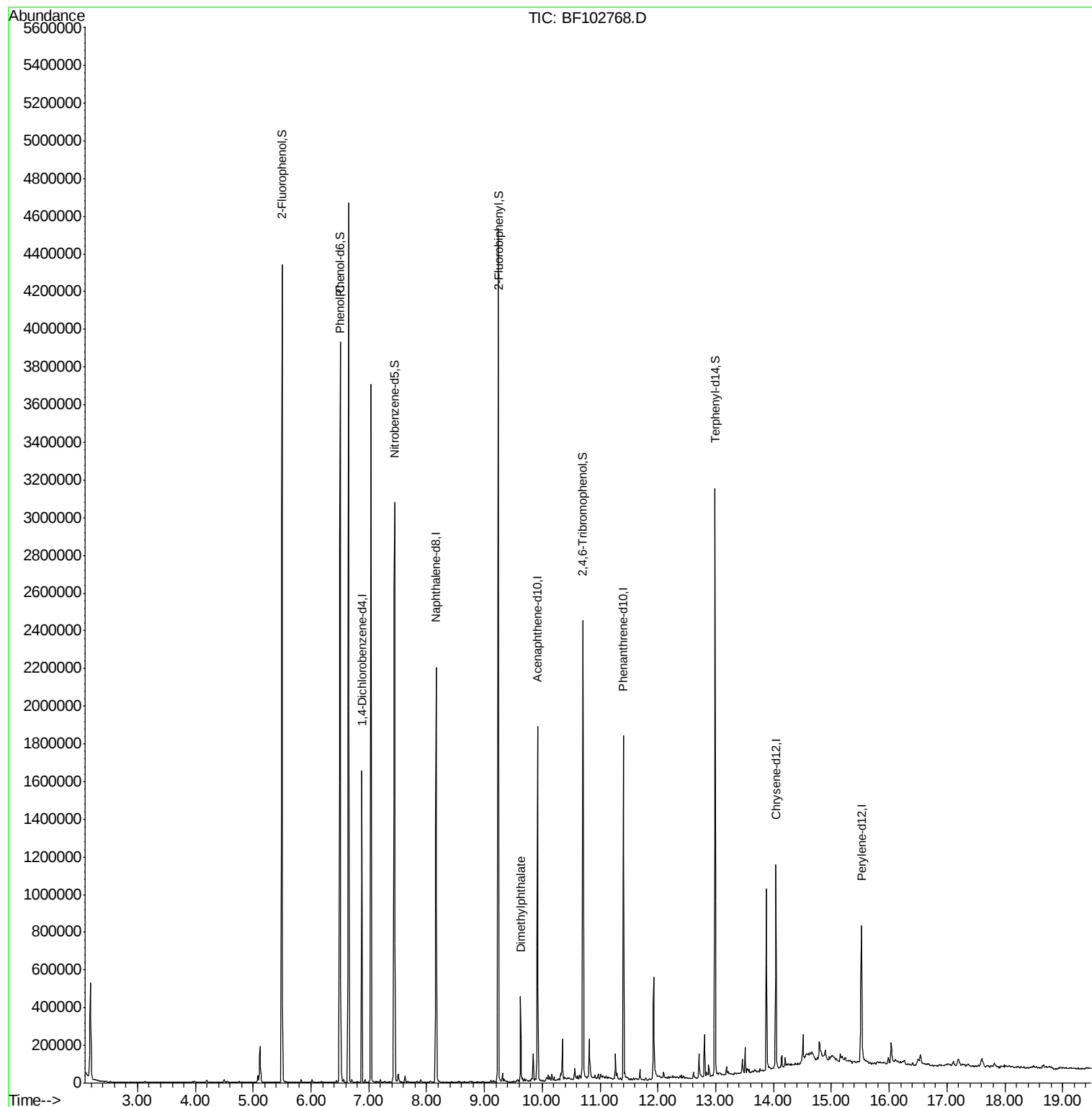
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	215474	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	884501	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	387855	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	583839	20.00	ng	0.00
75) Chrysene-d12	14.04	240	371005	20.00	ng	0.00
86) Perylene-d12	15.52	264	331139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1324205	93.33	ng	0.00
7) Phenol-d6	6.50	99	1594122	93.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	1002823	78.65	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	292403	93.67	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1411313	60.38	ng	0.00
78) Terphenyl-d14	12.99	244	1025942	65.48	ng	0.00
Target Compounds						
10) Phenol	6.52	94	42851	2.341	ng	94
49) Dimethylphthalate	9.63	163	152522	5.043	ng	99

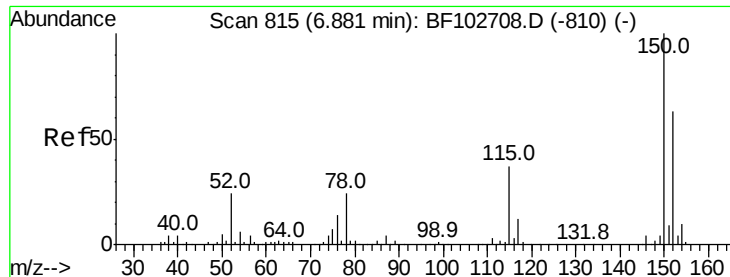
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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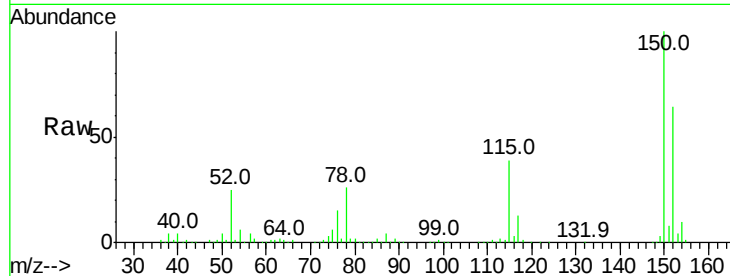


#1

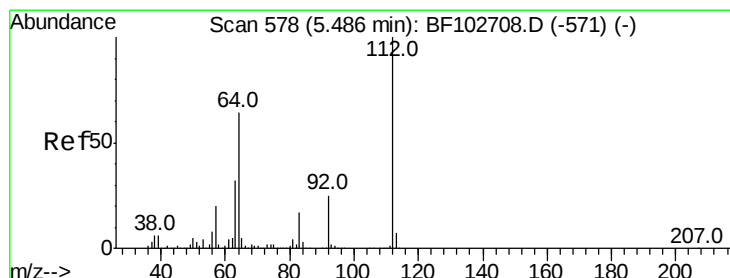
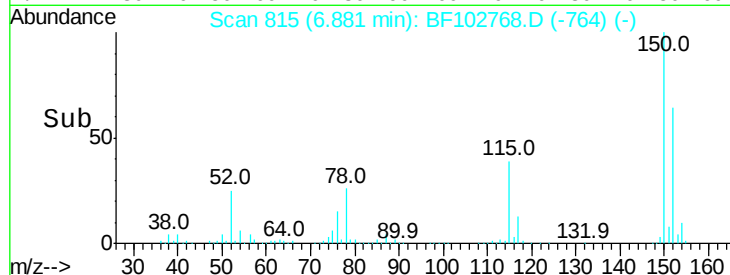
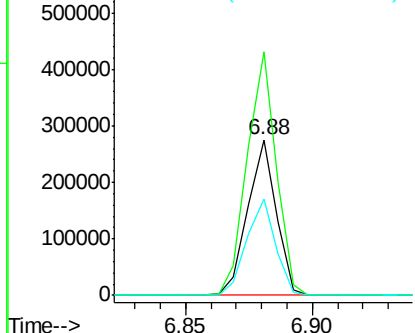
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

Instrument :
BNA_F
ClientSampleId :
8-SAN-7-EW(4-7)

Tot Ion:152 Resp: 215474
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 61.9 50.1 75.1



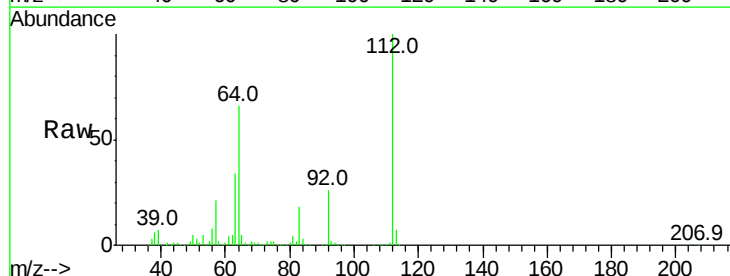
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



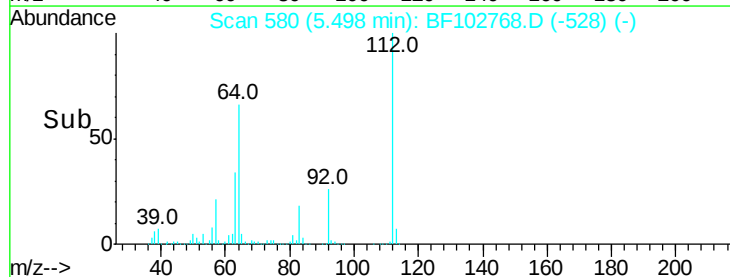
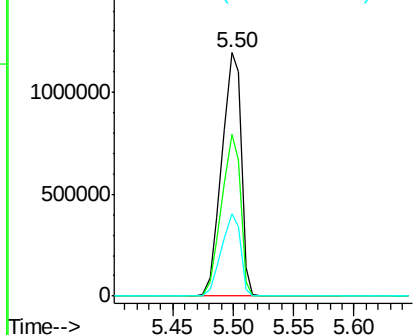
#5

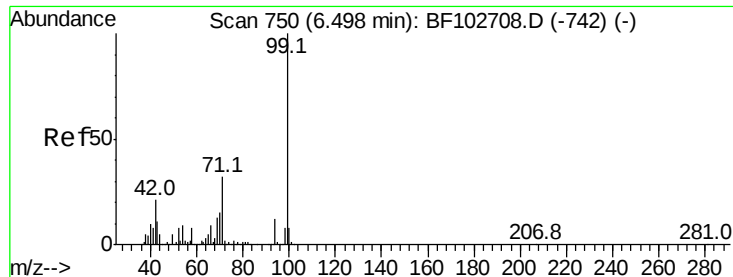
2-Fluorophenol
Concen: 93.330 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

Tgt Ion:112 Resp: 1324205
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 33.8 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: 93.312 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102768.D

Acq: 6 Feb 2018 5:44

Instrument :

BNA_F

ClientSampleId :

8-SAN-7-EW(4-7)

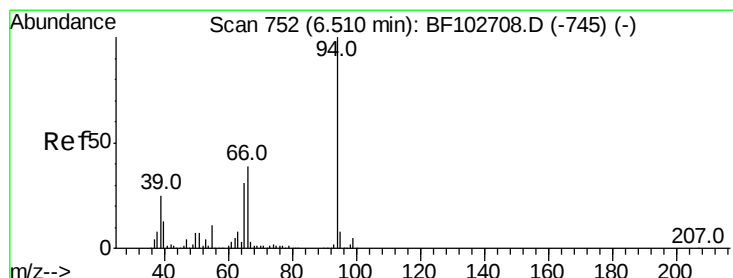
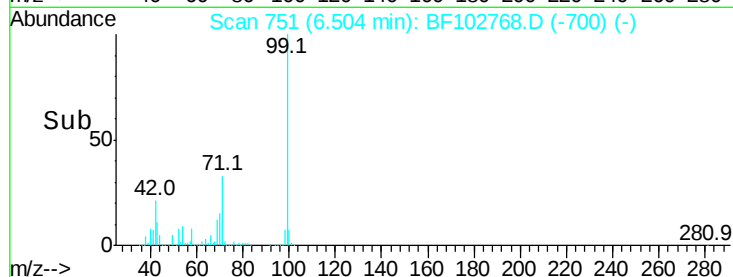
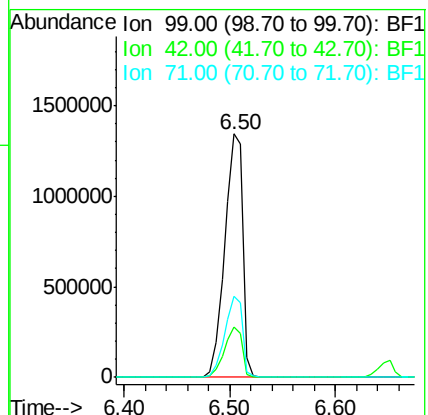
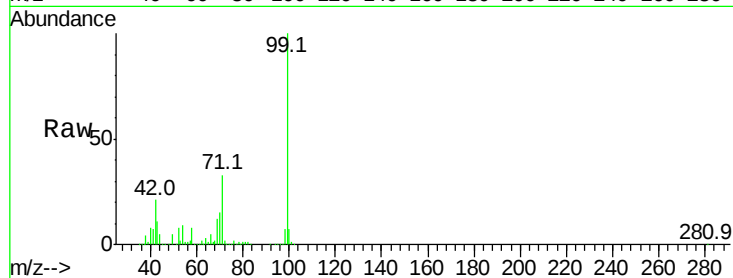
Tot Ion: 99 Resp: 1594122

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 2.341 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102768.D

Acq: 6 Feb 2018 5:44

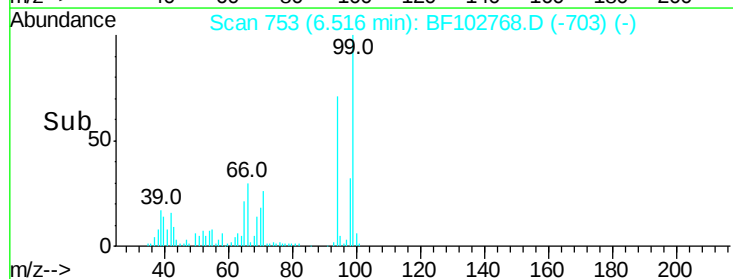
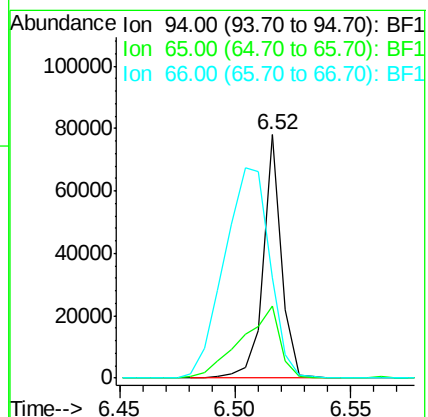
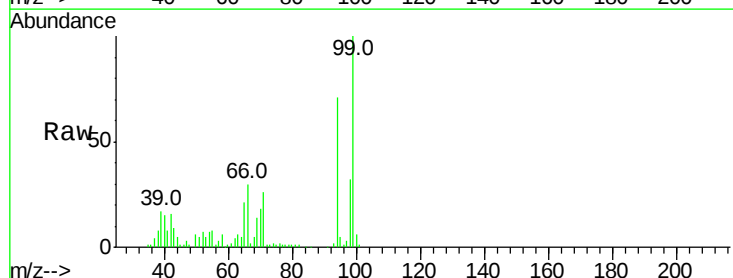
Tgt Ion: 94 Resp: 42851

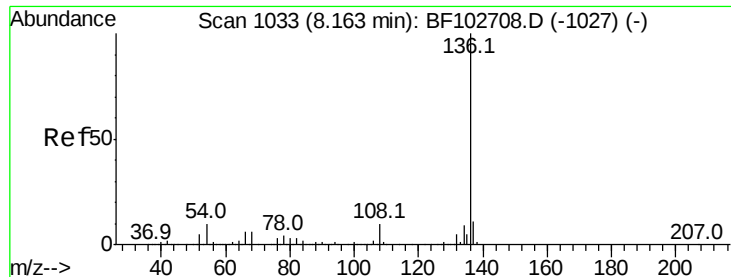
Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 41.4 16.2 56.2

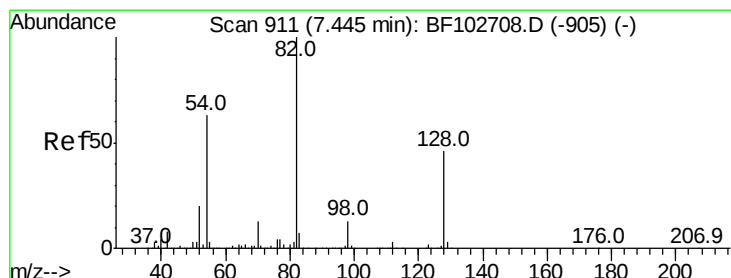
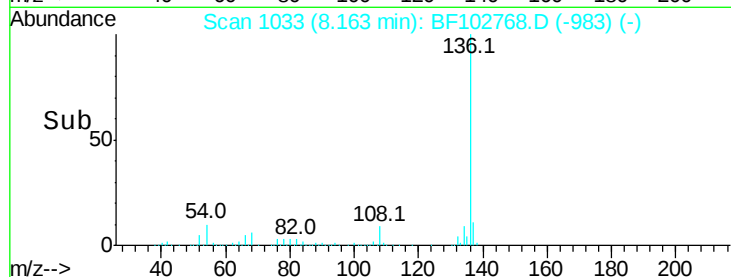
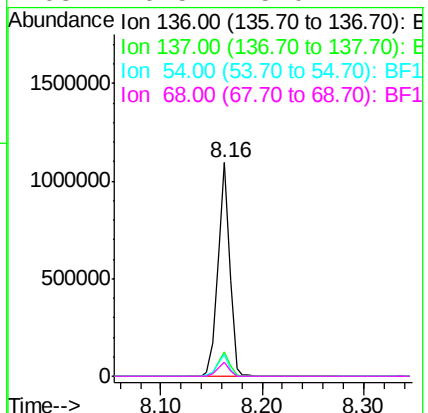
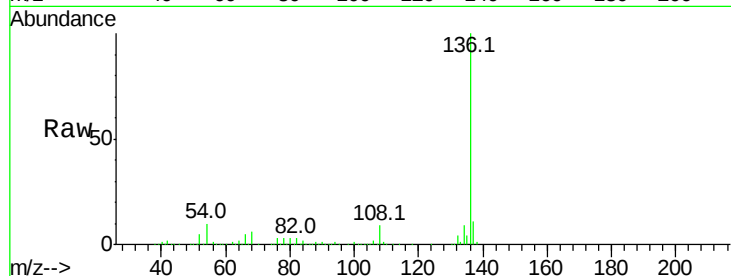




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

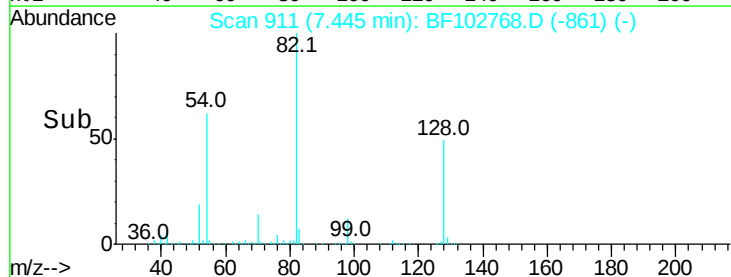
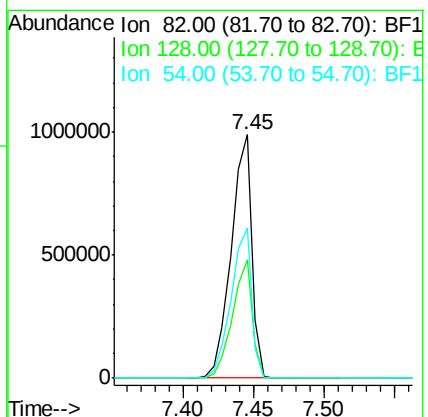
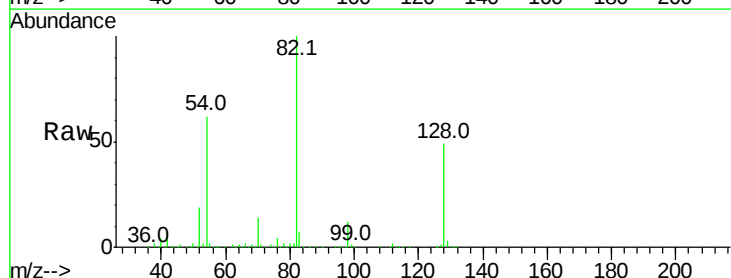
Instrument :
BNA_F
ClientSampleId :
8-SAN-7-EW(4-7)

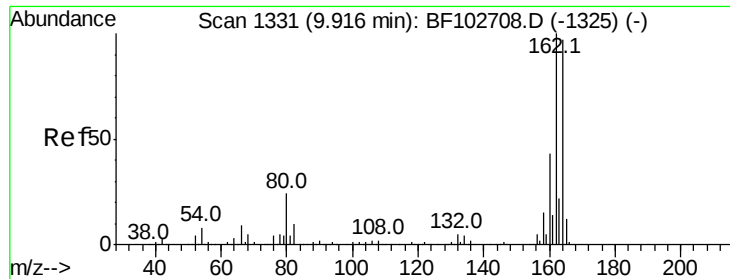
Tot Ion:136	Resp:	884501
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.2	6.6 9.8#
68	6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.650 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

Tgt Ion: 82	Ratio	Resp: 1002823	Lower	Upper
82	100			
128	48.6	36.1		54.1
54	61.7	41.4		62.2

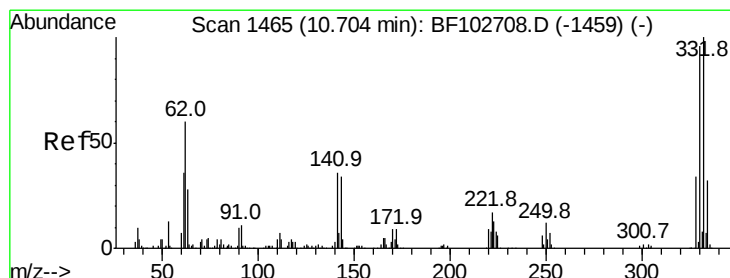
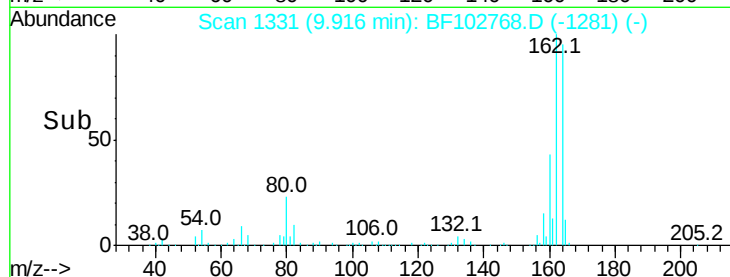
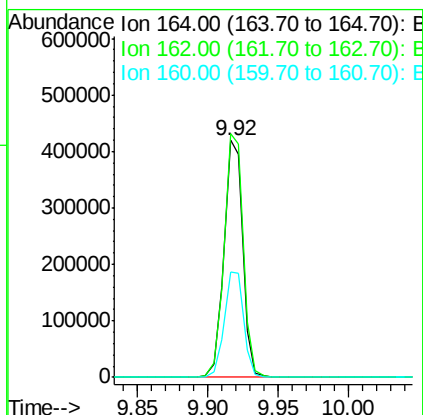
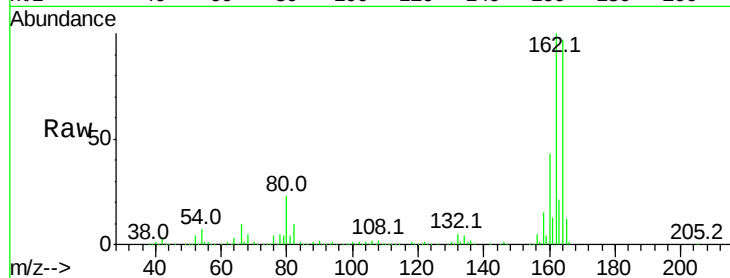




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102768.D
 Acq: 6 Feb 2018 5:44

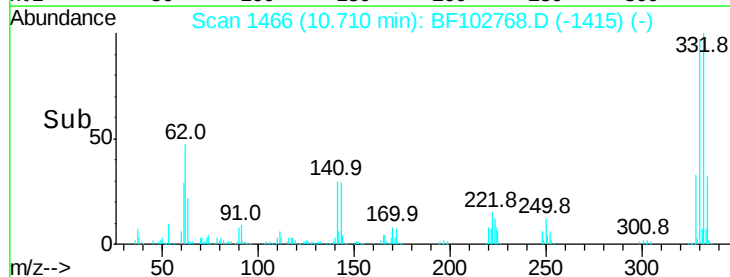
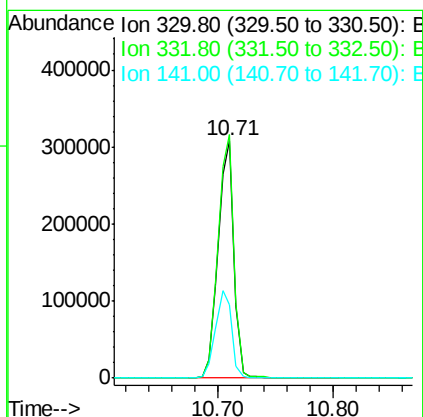
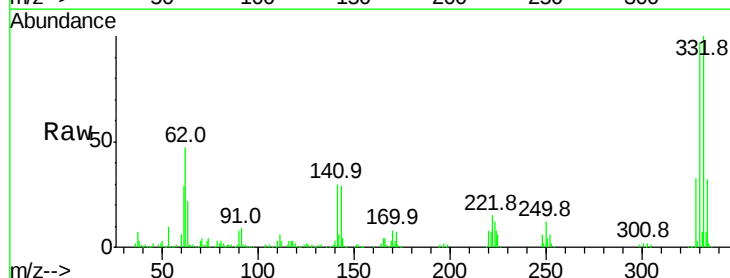
Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-7-EW(4-7)

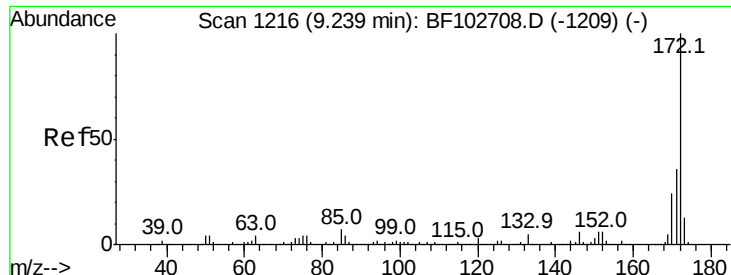
Tot Ion:164 Resp: 387855
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.665 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102768.D
 Acq: 6 Feb 2018 5:44

Tgt Ion:330 Resp: 292403
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 37.9 29.9 44.9



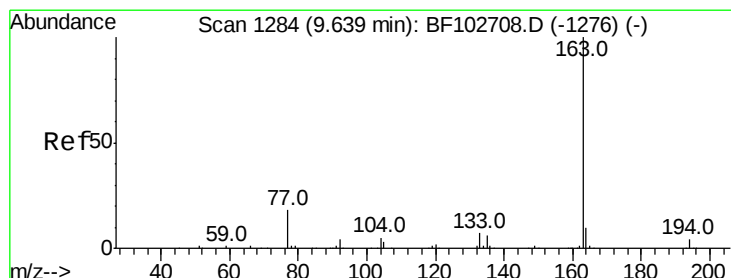
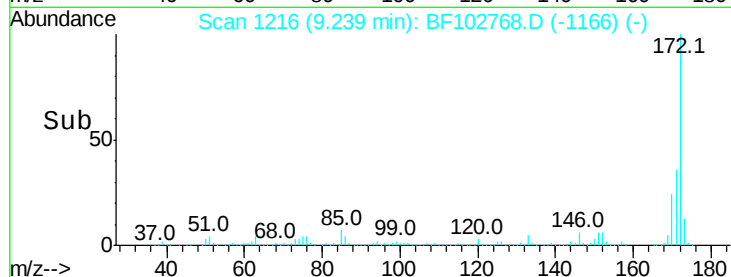
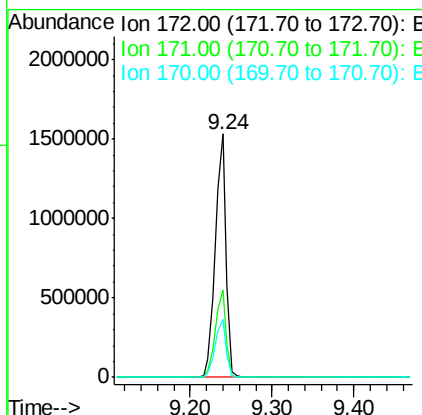
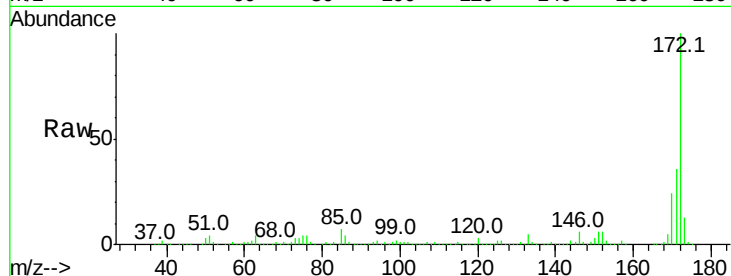


#44
 2-Fluorobiphenyl
 Concen: 60.380 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102768.D
 Acq: 6 Feb 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-7-EW(4-7)

Tot Ion:172 Resp: 1411313

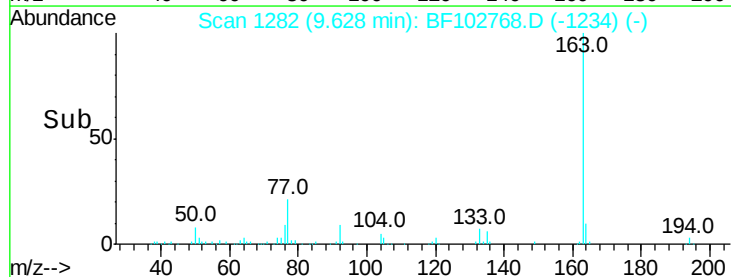
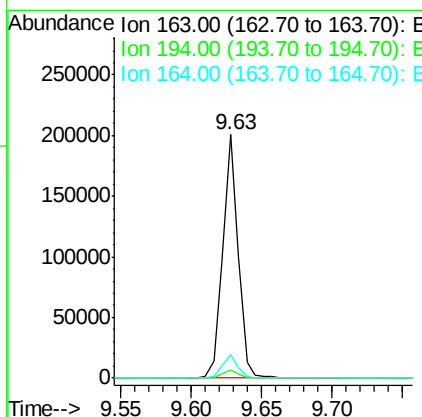
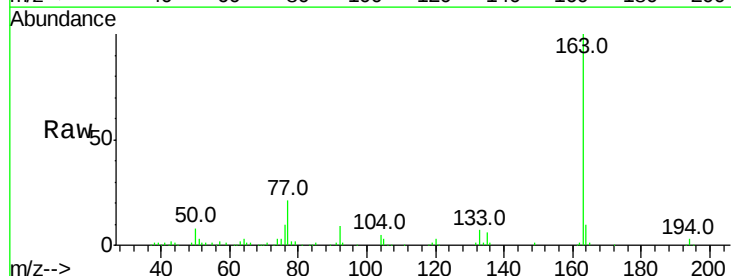
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

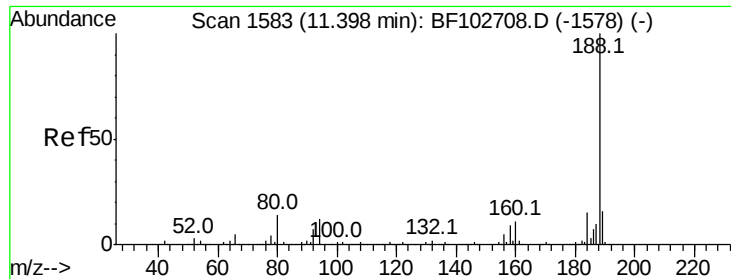


#49
 Dimethylphthalate
 Concen: 5.043 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF102768.D
 Acq: 6 Feb 2018 5:44

Tgt Ion:163 Resp: 152522

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

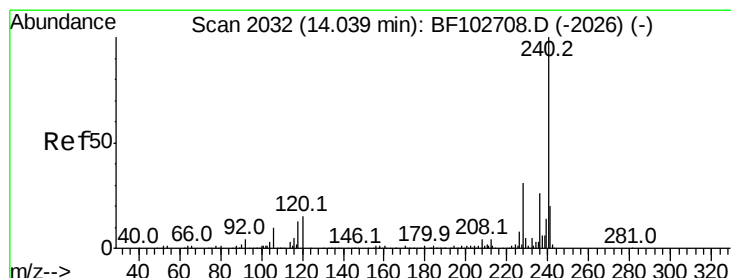
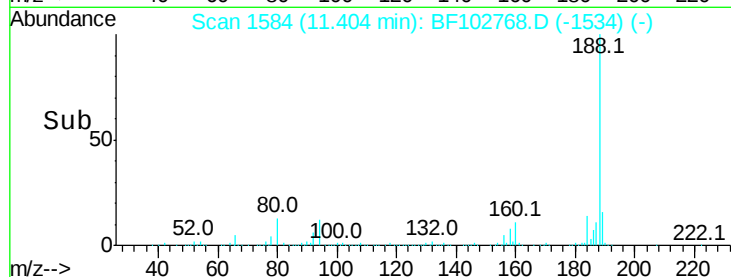
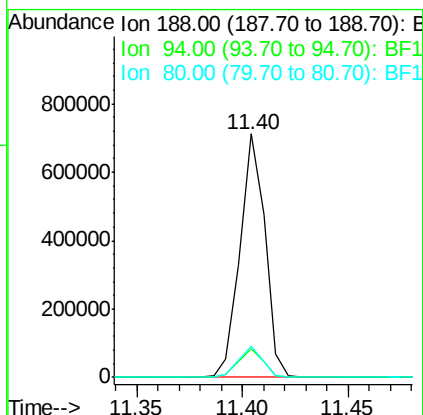
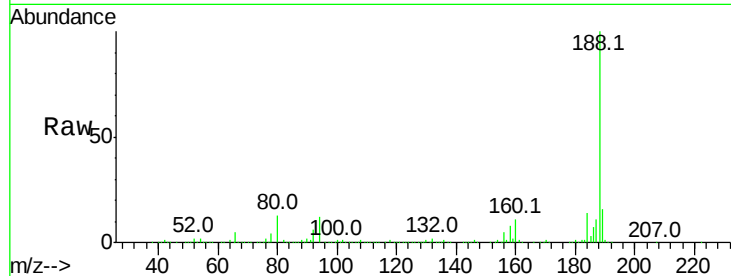




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

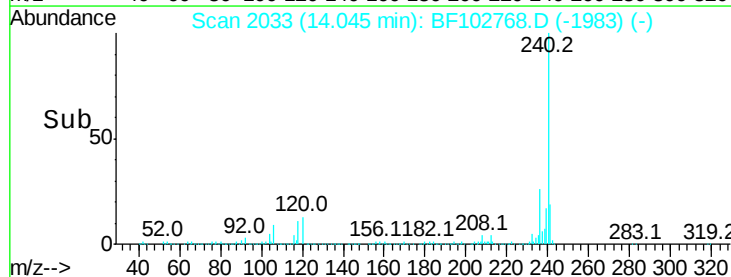
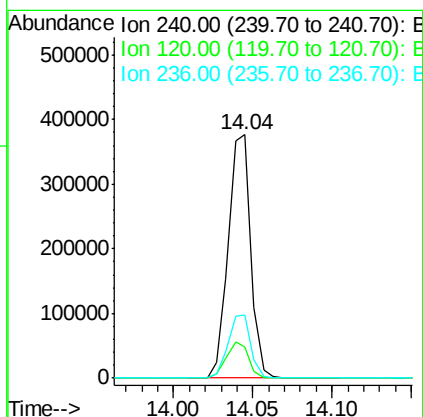
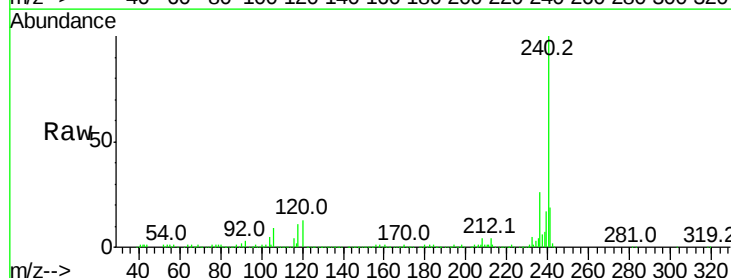
Instrument :
BNA_F
ClientSampleId :
8-SAN-7-EW(4-7)

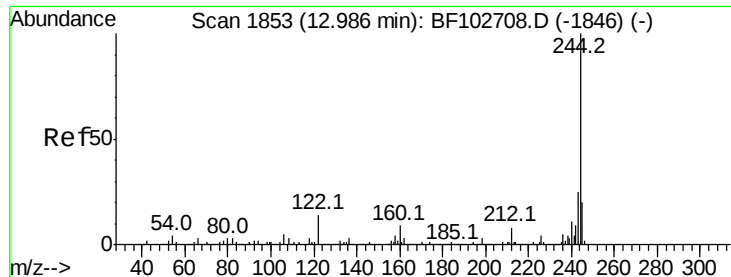
Tot Ion:188 Resp: 583839
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102768.D
Acq: 6 Feb 2018 5:44

Tgt Ion:240 Resp: 371005
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 65.476 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102768.D

Acq: 6 Feb 2018 5:44

Instrument :

BNA_F

ClientSampleId :

8-SAN-7-EW(4-7)

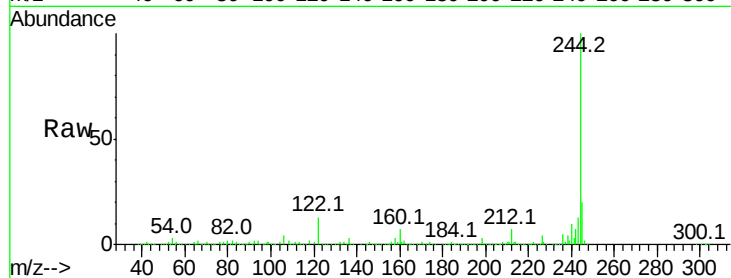
Tot Ion:244 Resp: 1025942

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

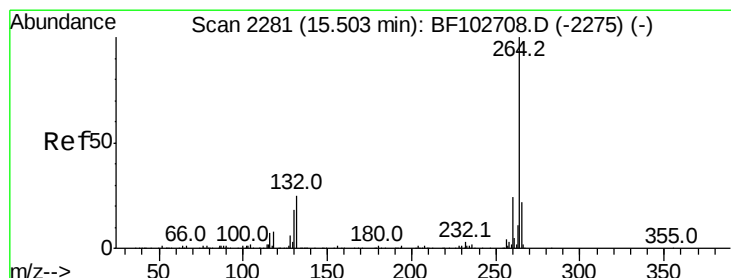
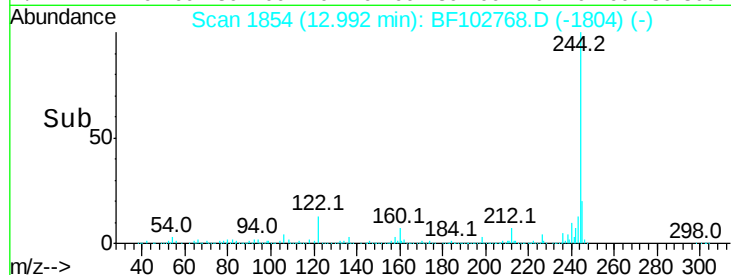
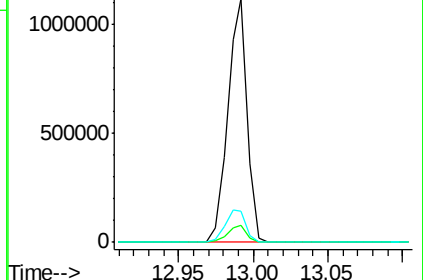
122 13.0 11.0 16.4



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: BF102768.D

Acq: 6 Feb 2018 5:44

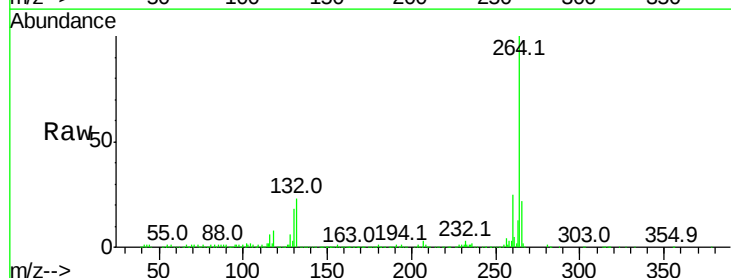
Tgt Ion:264 Resp: 331139

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.6 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

