

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093570.D
 Acq On : 11 Mar 2017 16:37
 Operator : SJ/MA
 Sample : I2159-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Mar 13 15:43:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

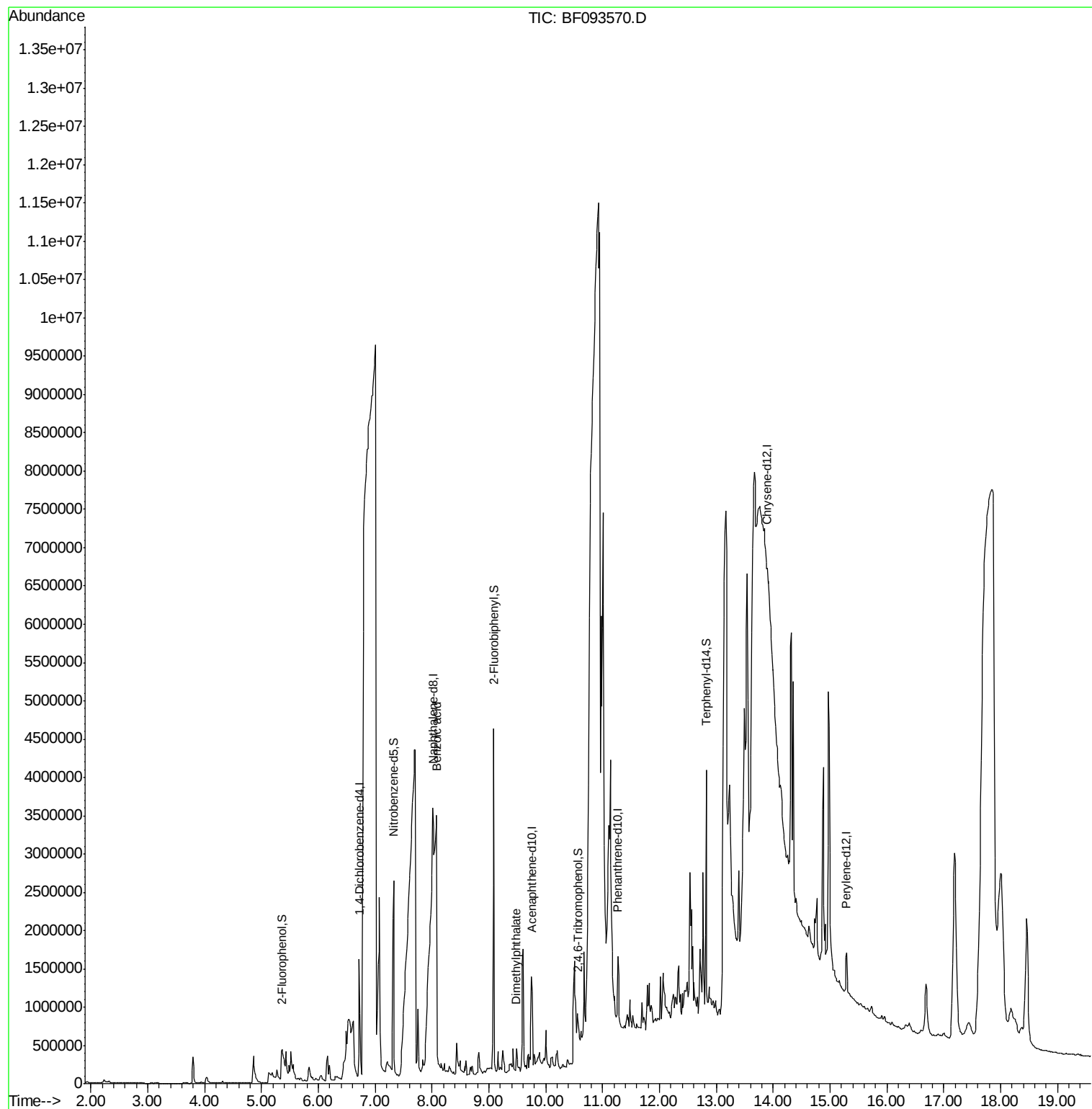
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	185536	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	639280	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314791	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	500213	20.00	ng	0.02
75) Chrysene-d12	13.89	240	228686	20.00	ng	0.00
86) Perylene-d12	15.29	264	345868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	540986	48.53	ng	0.05
7) Phenol-d6	6.42	99	20418	1.45	ng	0.05
23) Nitrobenzene-d5	7.33	82	1187800	103.09	ng	0.02
41) 2,4,6-Tribromophenol	10.56	330	185591	90.49	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1685324	99.58	ng	0.00
78) Terphenyl-d14	12.83	244	1046993	119.03	ng	0.00
Target Compounds						
32) Benzoic acid	8.08	122	3786314	758.14	ng	97
49) Dimethylphthalate	9.49	163	116073	5.56	ng	99

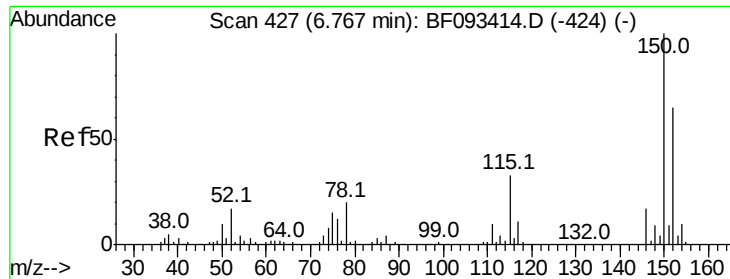
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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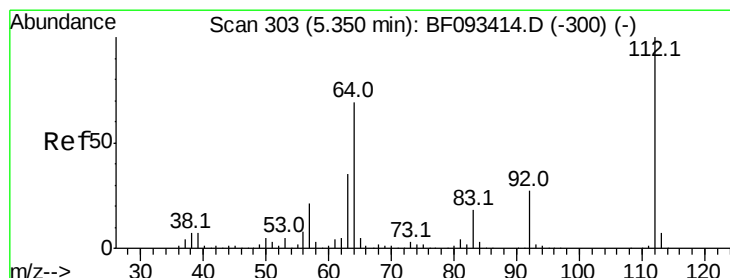
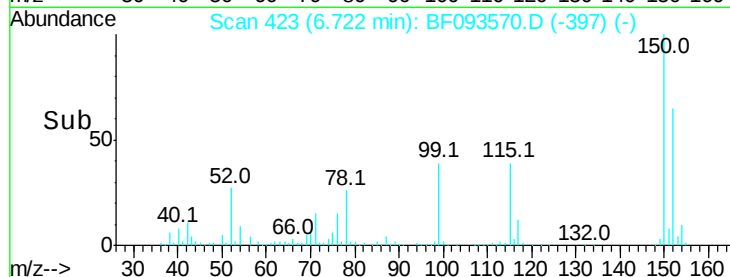
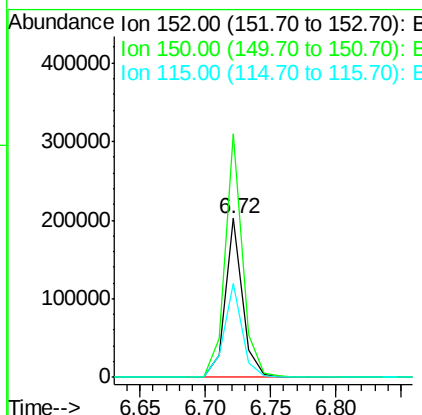
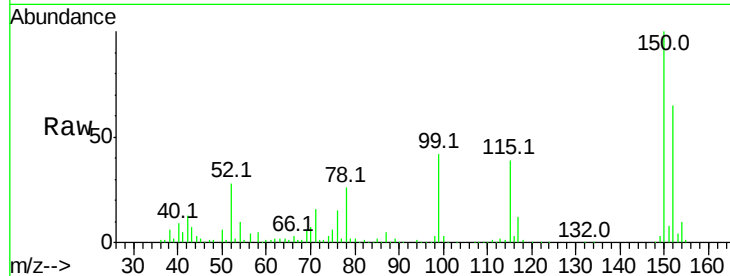


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF093570.D
 Acq: 11 Mar 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

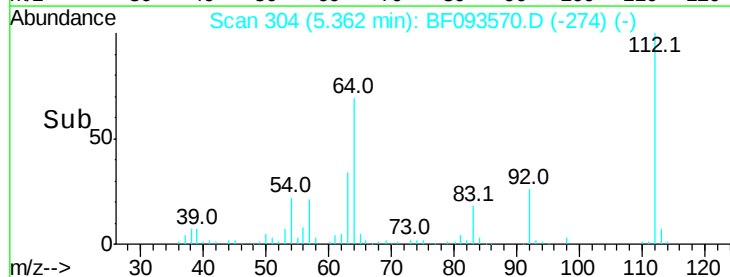
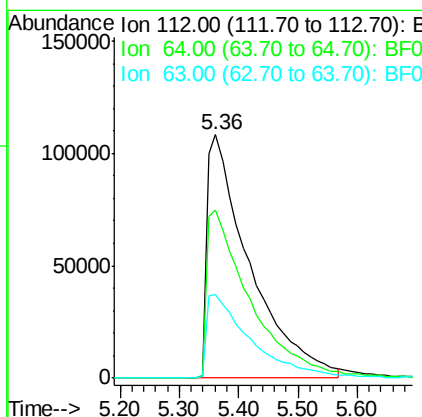
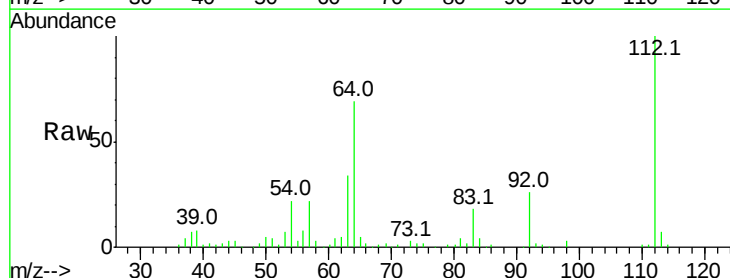
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.9	187.3
115	59.2	46.0	69.0

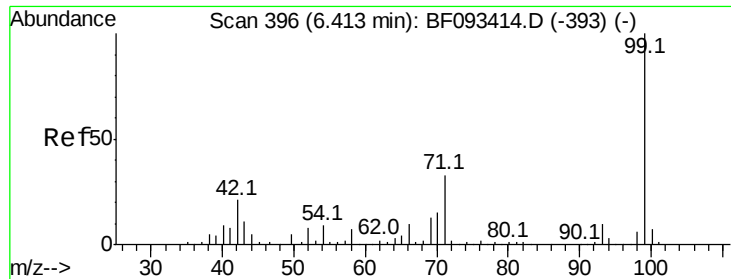


#5

2-Fluorophenol
 Concen: 48.53 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.05 min
 Lab File: BF093570.D
 Acq: 11 Mar 2017 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	46.1	69.1
63	34.4	23.8	35.6





#7

Phenol-d6

Concen: 1.45 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.05 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

Instrument :

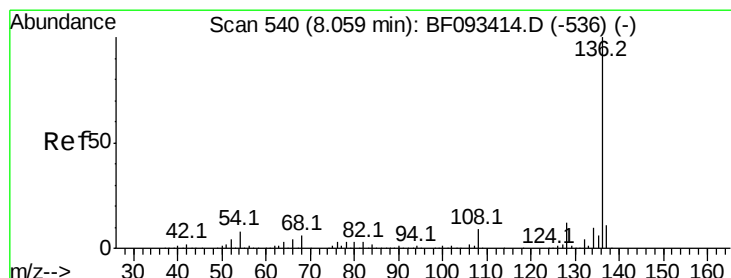
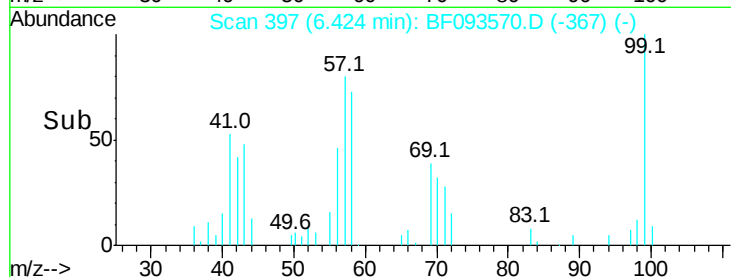
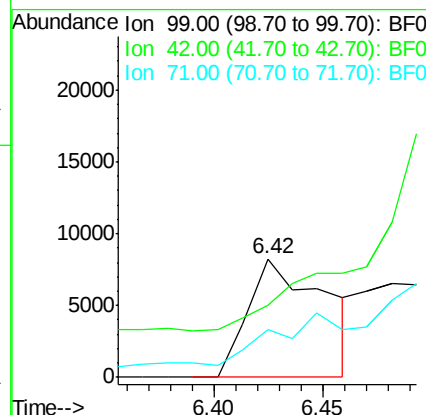
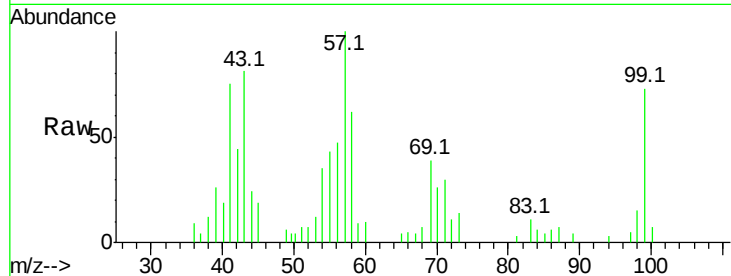
BNA_F

ClientSampleId :

EFF-WWRE

Tot Ion: 99 Resp: 20418

Ion	Ratio	Lower	Upper
99	100		
42	60.4	15.6	23.4#
71	40.4	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 536

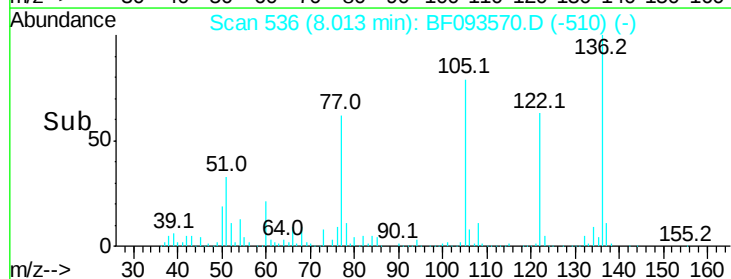
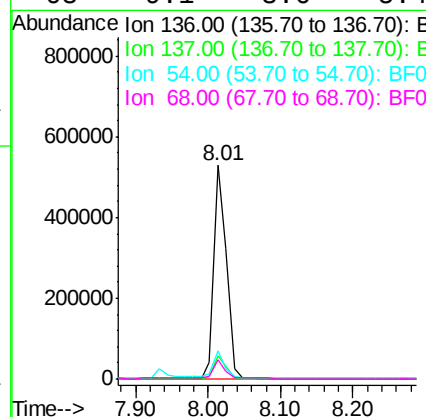
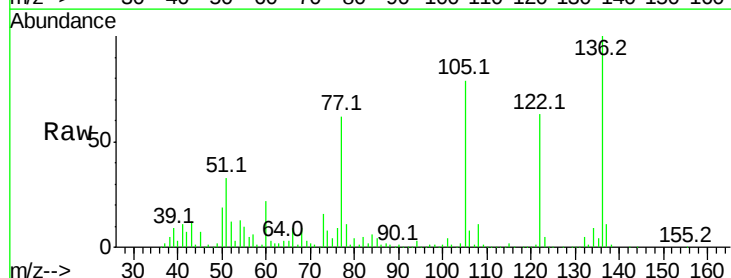
Delta R.T. 0.00 min

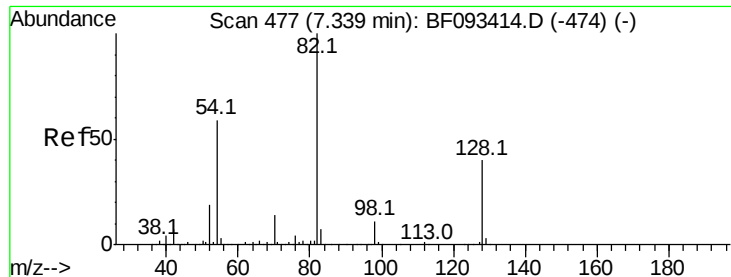
Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

Tgt Ion: 136 Resp: 639280

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	13.2	4.5	6.7#
68	9.1	3.6	5.4#

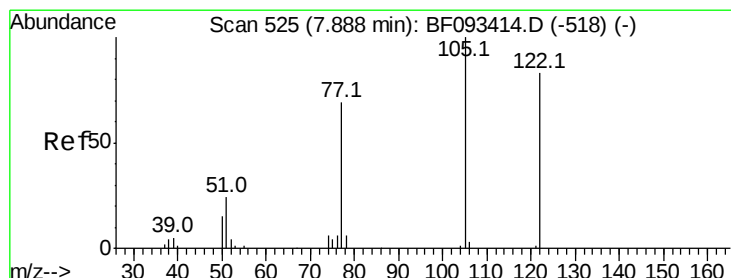
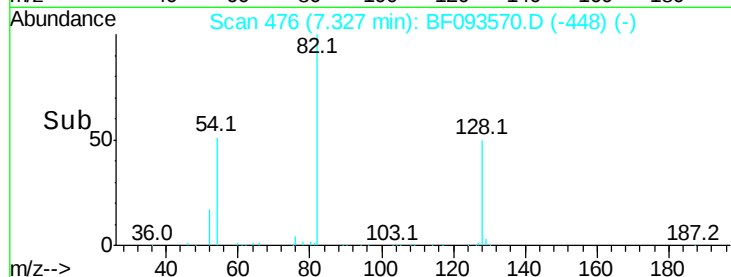
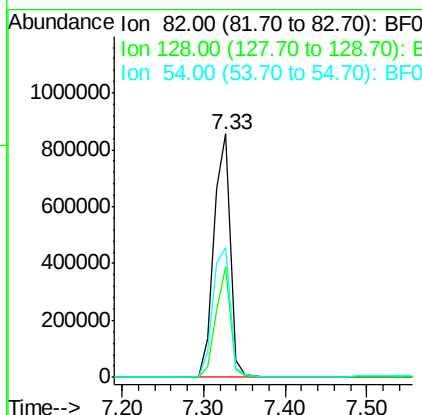
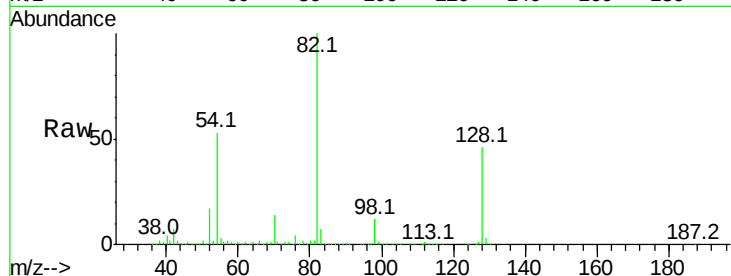




#23
Nitrobenzene-d5
Concen: 103.09 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.02 min
Lab File: BF093570.D
Acq: 11 Mar 2017 16:37

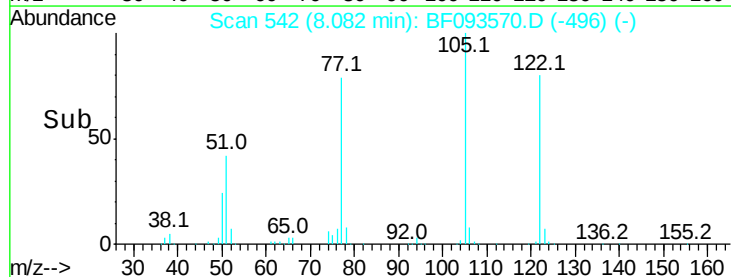
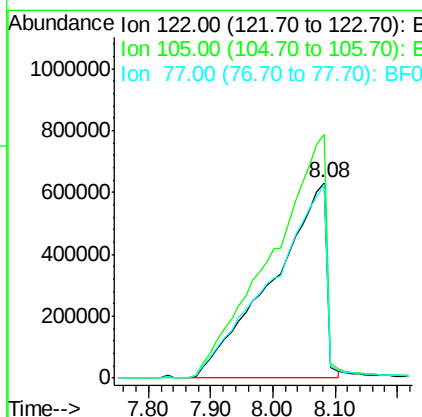
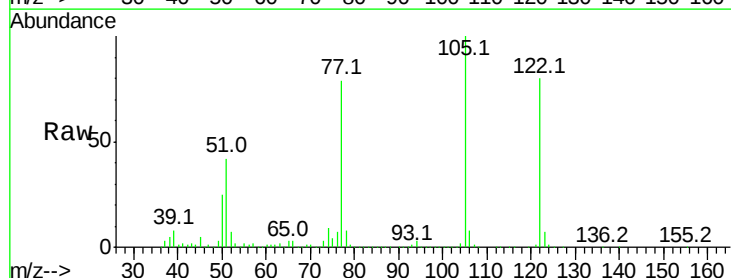
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

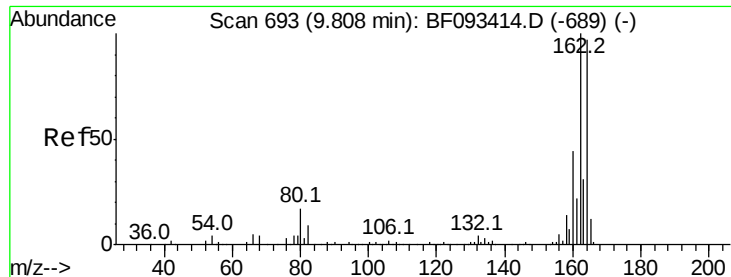
Tot Ion: 82 Resp: 1187800
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 53.2 39.5 59.3



#32
Benzoic acid
Concen: 758.14 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.23 min
Lab File: BF093570.D
Acq: 11 Mar 2017 16:37

Tgt Ion:122 Resp: 3786314
Ion Ratio Lower Upper
122 100
105 124.8 107.2 147.2
77 99.1 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

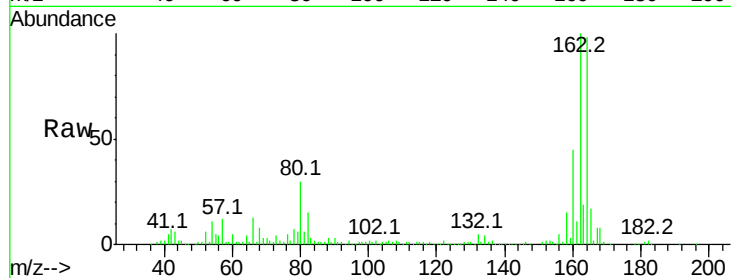
Tot Ion:164 Resp: 314791

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

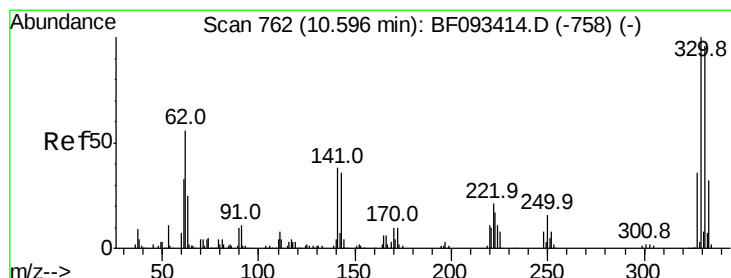
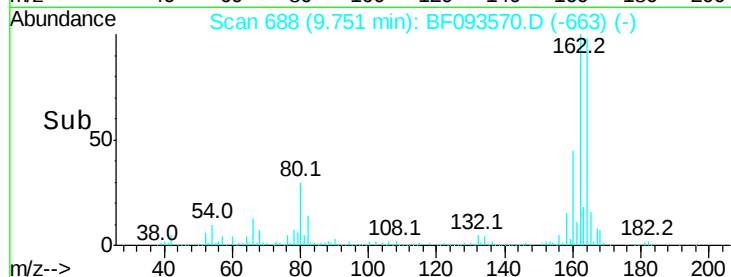
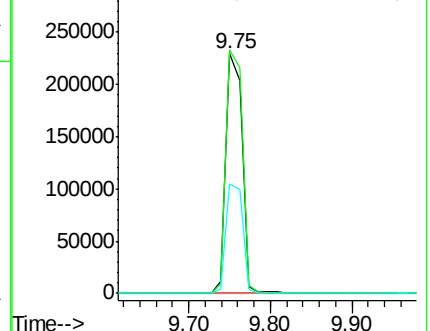
160 45.5 36.9 55.3



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: 90.49 ng

RT: 10.56 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

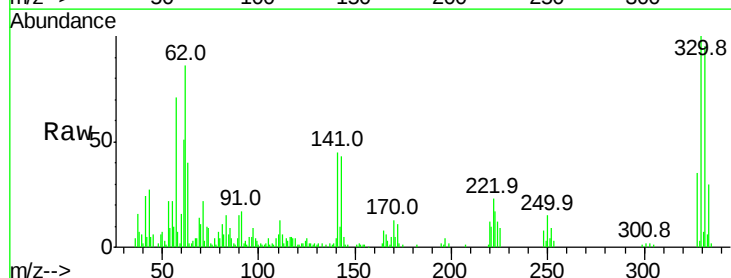
Tgt Ion:330 Resp: 185591

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

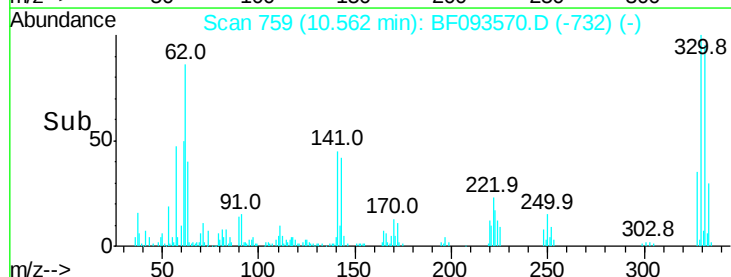
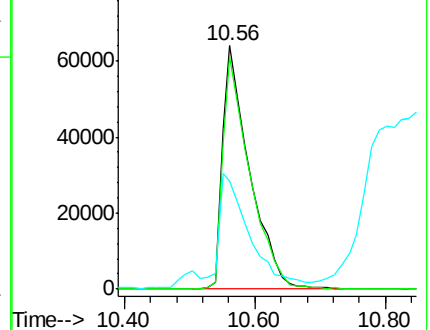
141 48.5 34.1 51.1

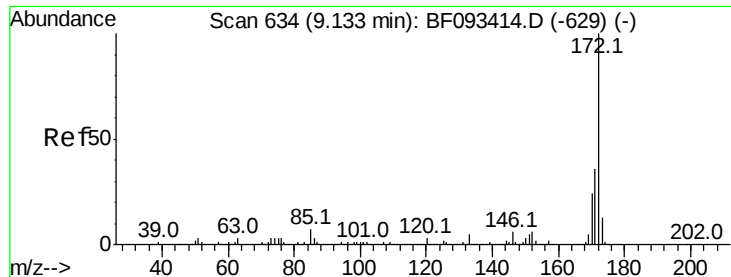


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 99.58 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

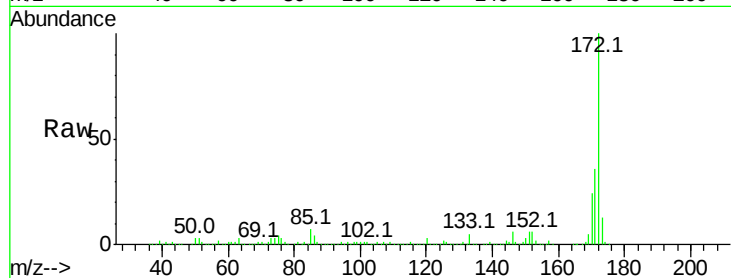
Tot Ion:172 Resp: 1685324

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

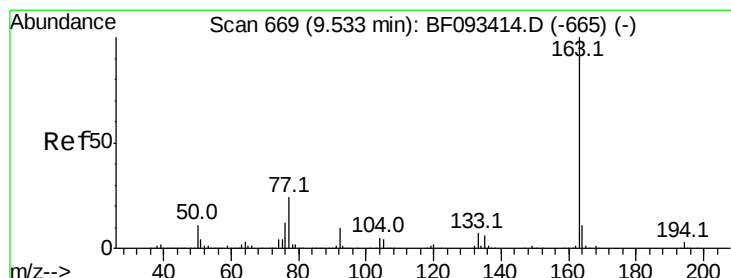
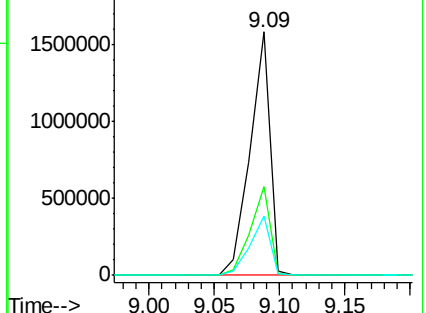
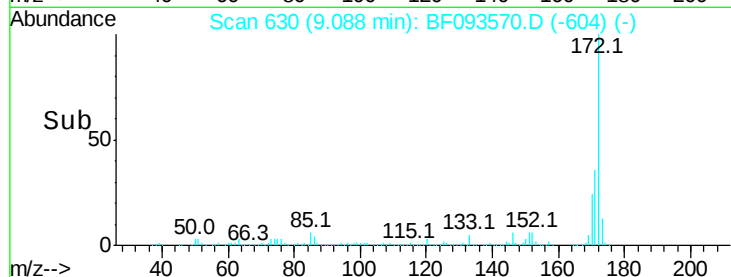
170 24.3 20.2 30.4



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: 5.56 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

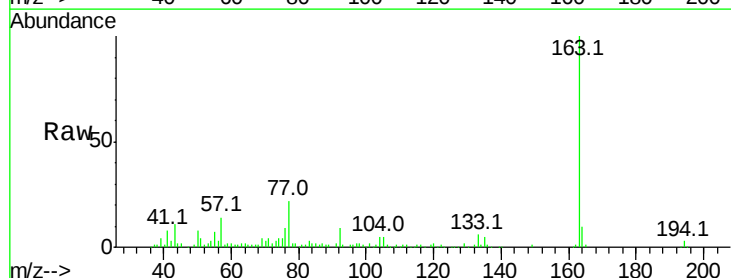
Tgt Ion:163 Resp: 116073

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

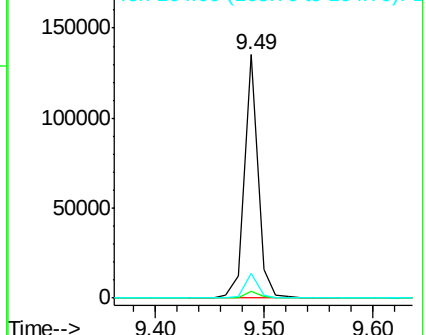
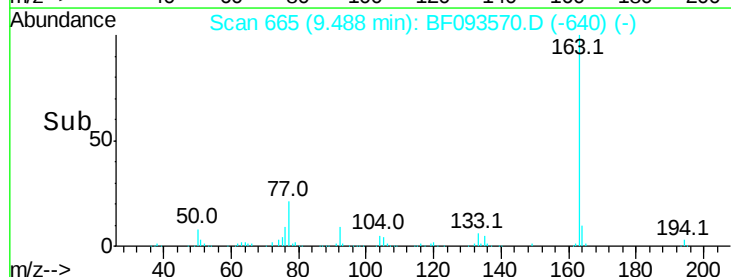
164 9.9 8.0 12.0

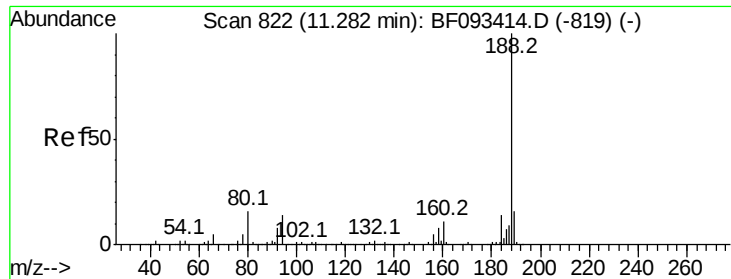


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

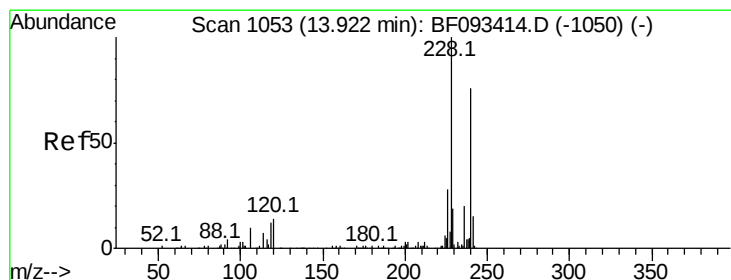
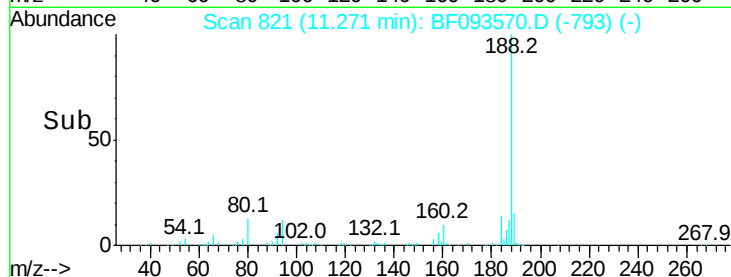
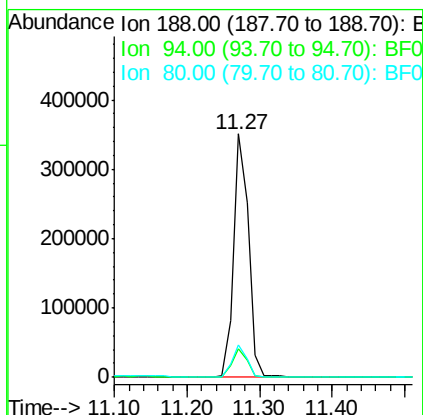
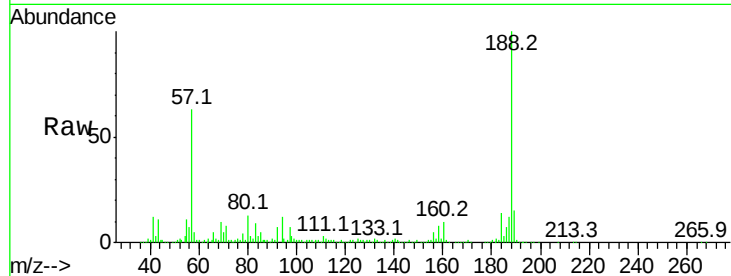




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. 0.02 min
Lab File: BF093570.D
Acq: 11 Mar 2017 16:37

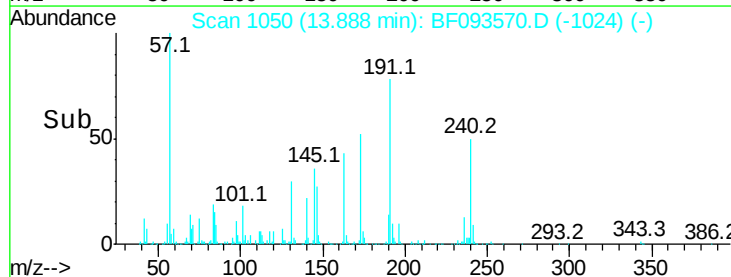
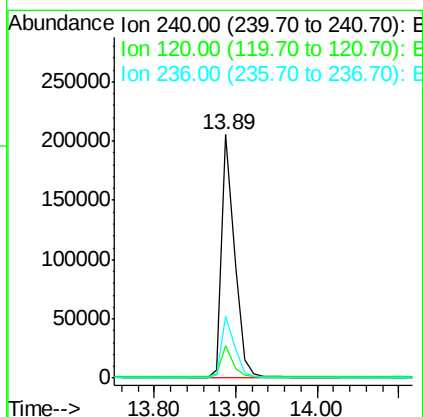
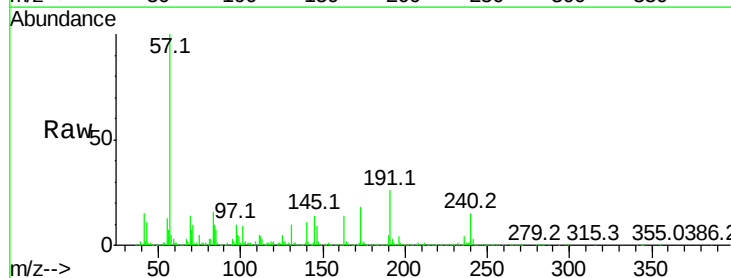
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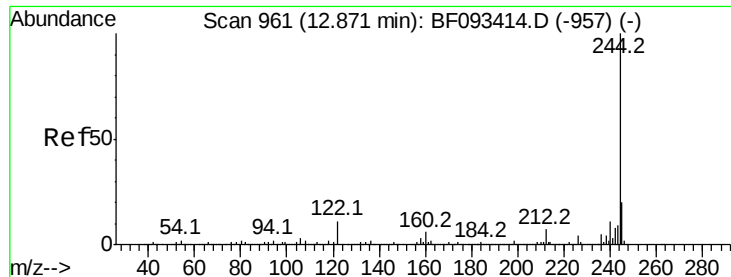
Tot Ion:188 Resp: 500213
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 13.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093570.D
Acq: 11 Mar 2017 16:37

Tgt Ion:240 Resp: 228686
Ion Ratio Lower Upper
240 100
120 13.1 12.9 19.3
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 119.03 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

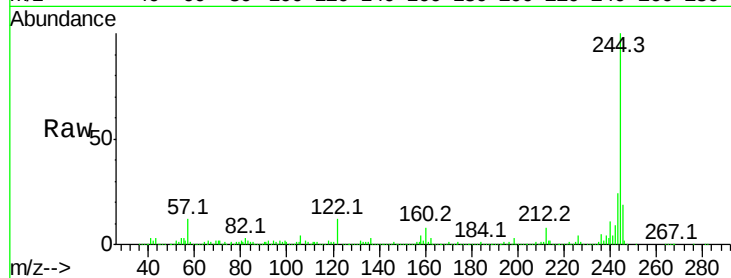
Tot Ion:244 Resp: 1046993

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

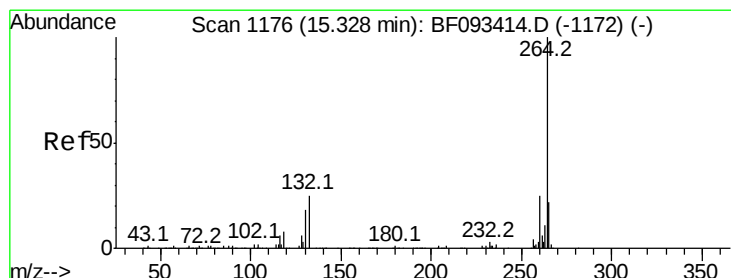
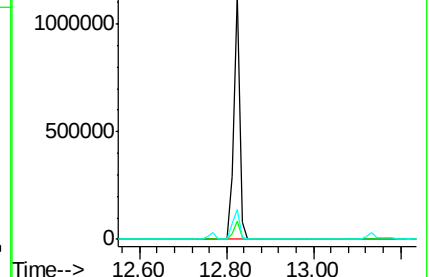
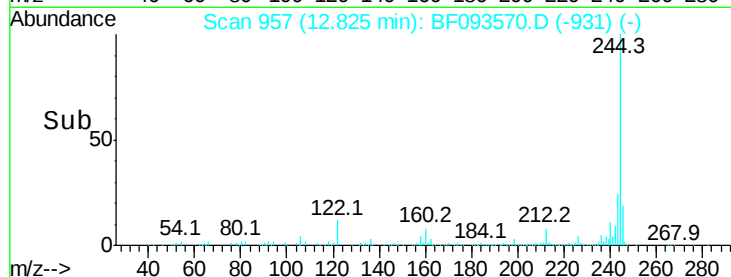
122 12.5 11.4 17.2



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: 20.00 ng

RT: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093570.D

Acq: 11 Mar 2017 16:37

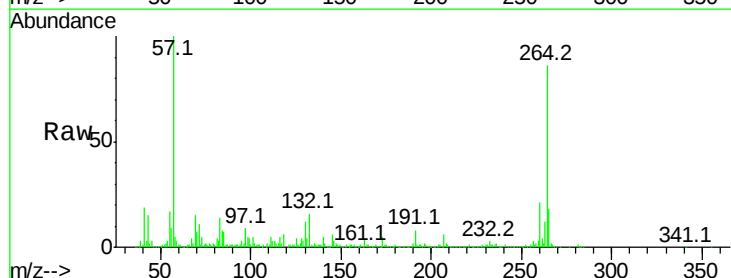
Tgt Ion:264 Resp: 345868

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.2 17.4 26.0



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

