

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093673.D
 Acq On : 15 Mar 2017 17:41
 Operator : SJ/MA
 Sample : I2264-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

Quant Time: Mar 16 02:23:19 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

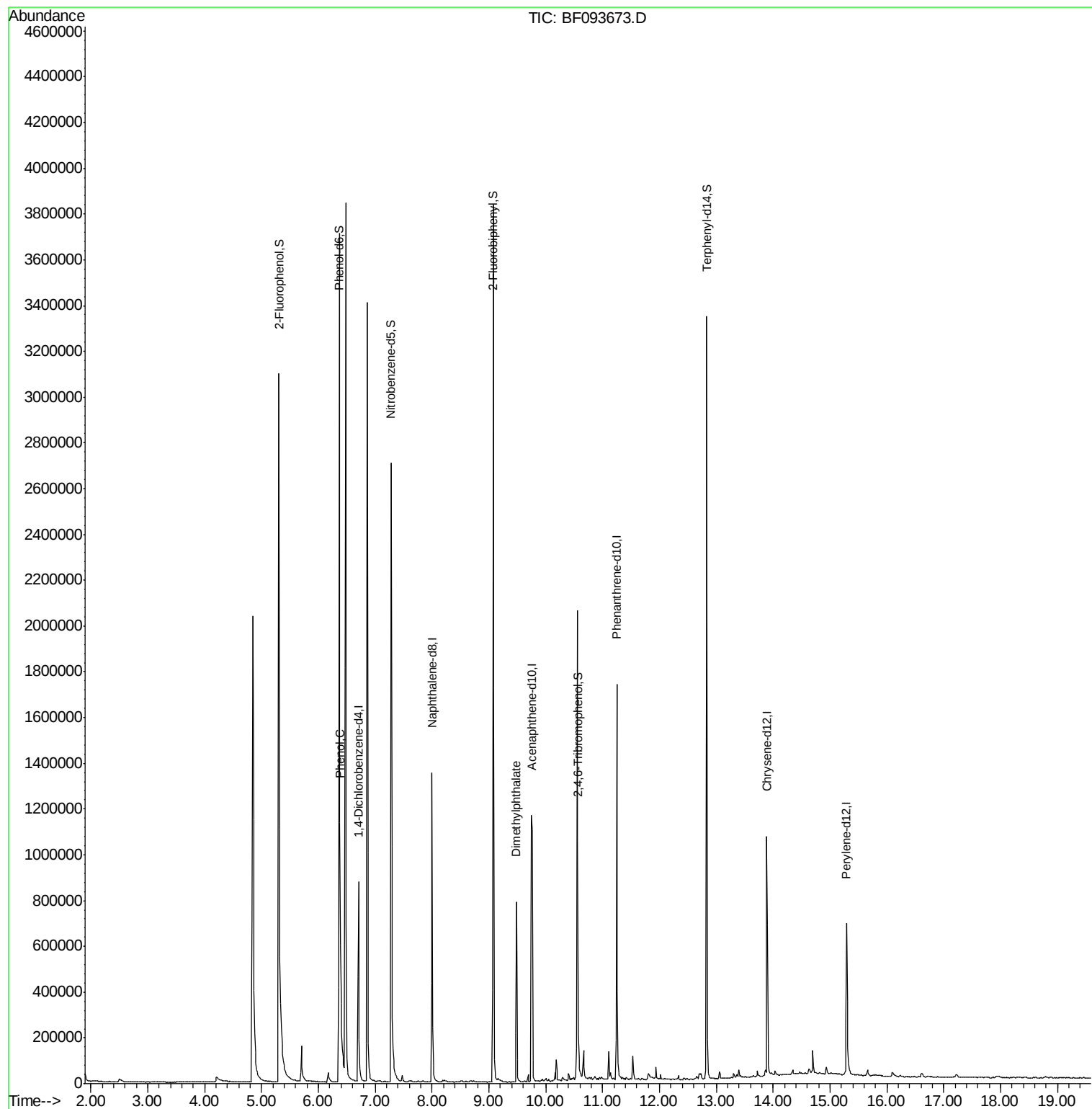
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	175317	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	717804	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	341653	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	635247	20.00	ng	0.00
75) Chrysene-d12	13.89	240	470974	20.00	ng	0.00
86) Perylene-d12	15.29	264	333329	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1202890	114.19	ng	-0.01
7) Phenol-d6	6.37	99	1571971	118.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1042428	80.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	265085	119.09	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1418512	77.23	ng	-0.01
78) Terphenyl-d14	12.84	244	1220332	67.37	ng	0.01
Target Compounds						
10) Phenol	6.38	94	130954	8.05	ng	89
49) Dimethylphthalate	9.49	163	352903	15.58	ng	100

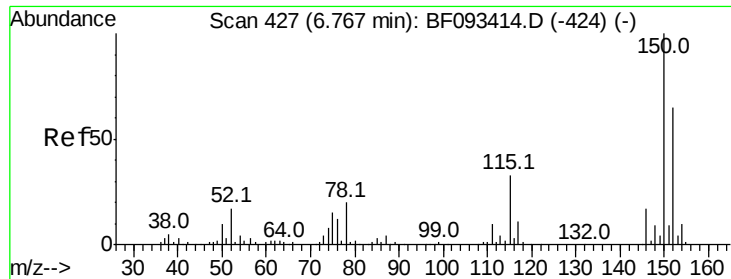
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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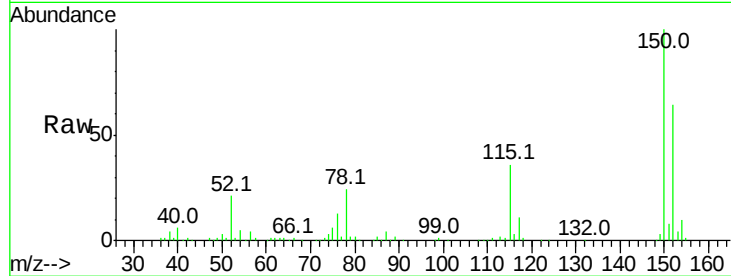


#1

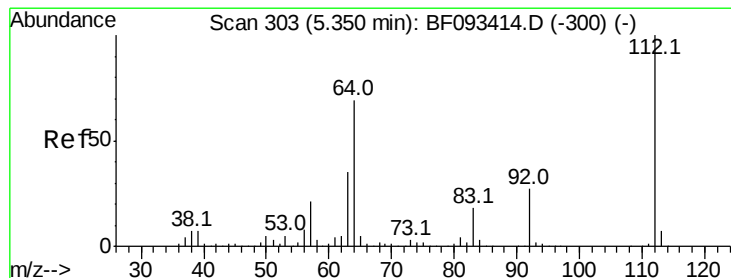
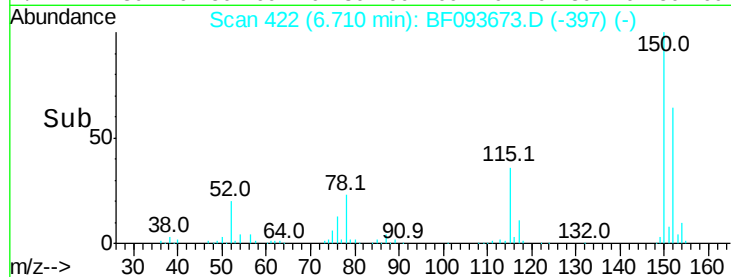
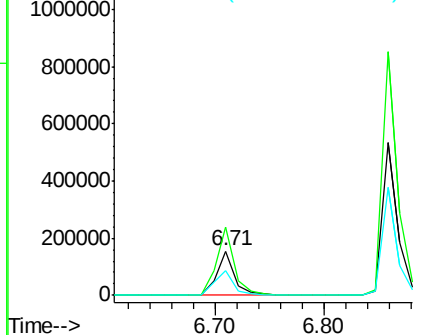
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

Tot Ion:152 Resp: 175317
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 55.5 46.0 69.0



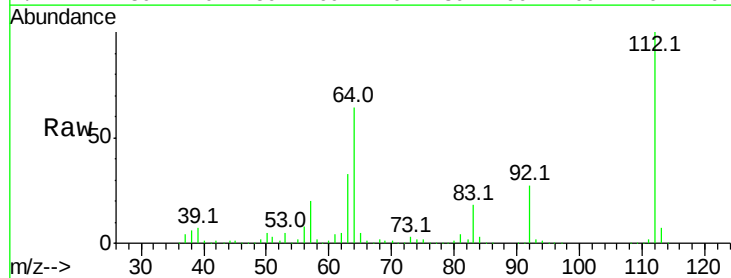
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



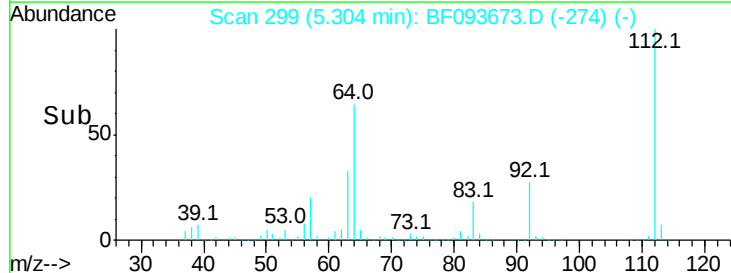
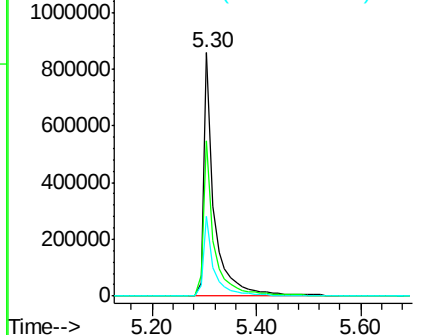
#5

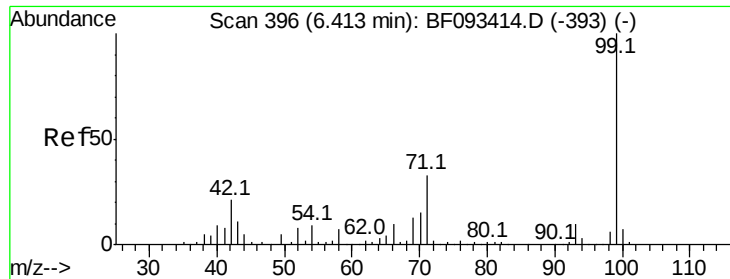
2-Fluorophenol
 Concen: 114.19 ng
 RT: 5.30 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Tgt Ion:112 Resp: 1202890
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.1 69.1
 63 32.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

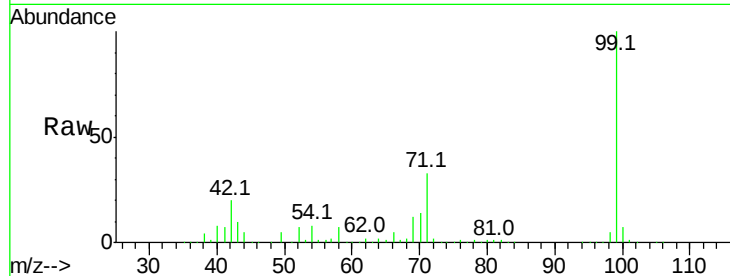
Tot Ion: 99 Resp: 1571971

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

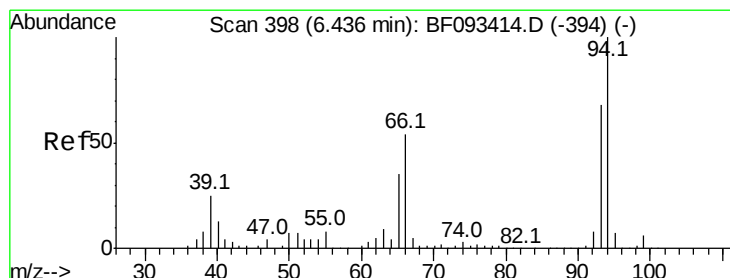
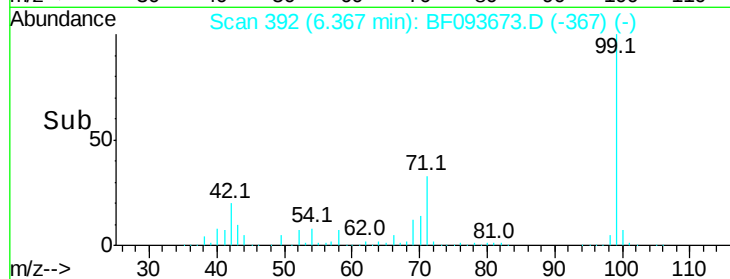
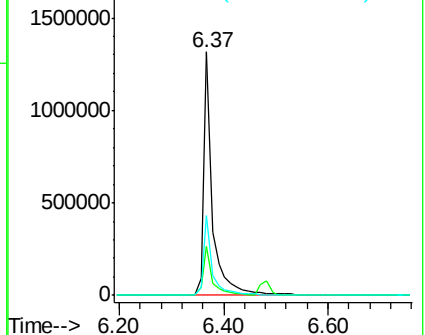
71 32.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.05 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

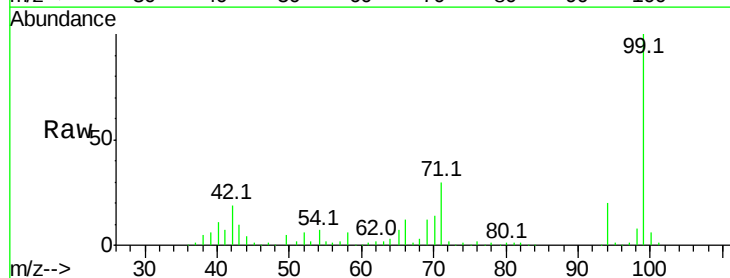
Tgt Ion: 94 Resp: 130954

Ion Ratio Lower Upper

94 100

65 32.3 21.4 61.4

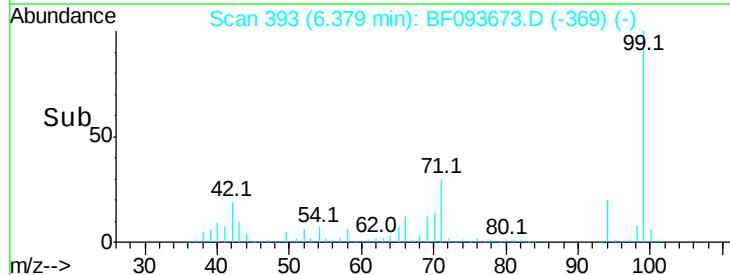
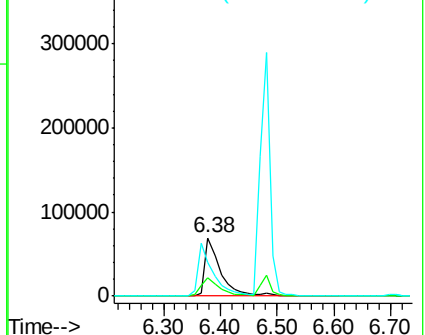
66 57.0 44.0 84.0

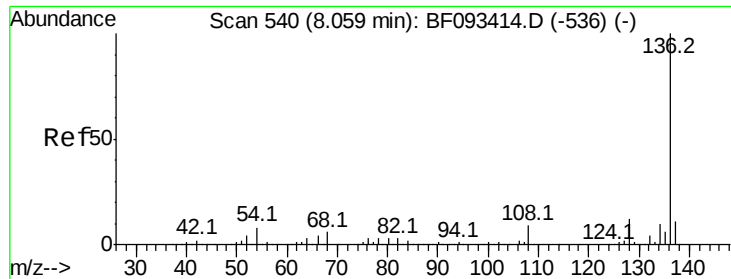


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

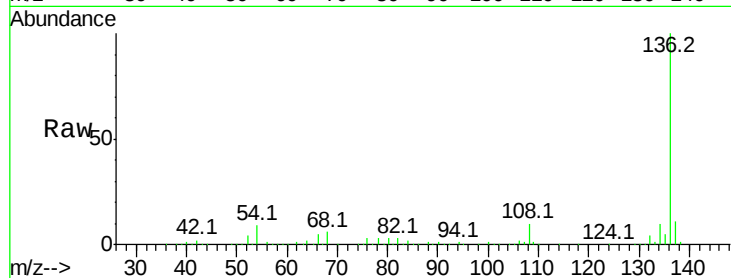




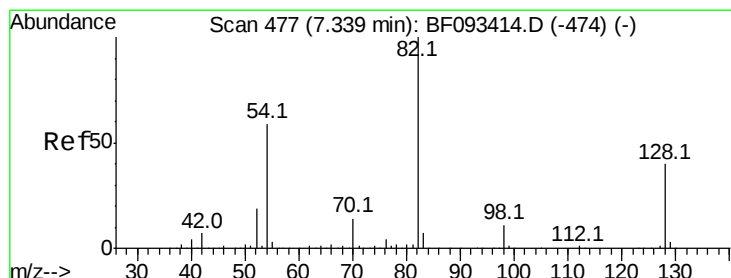
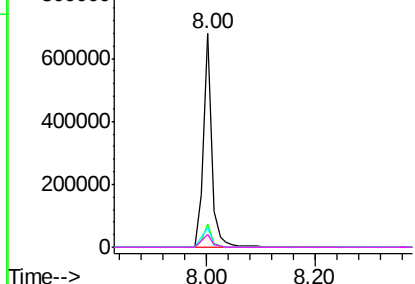
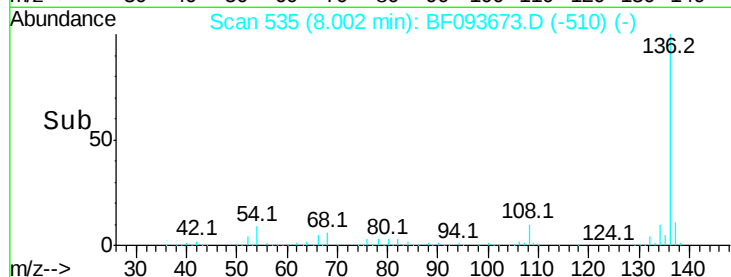
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Instrument :
BNA_F
ClientSampleId :
E2-DD7-BASE

Tot Ion:	136	Resp:	717804
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.8	4.5	6.7#
68	6.2	3.6	5.4#

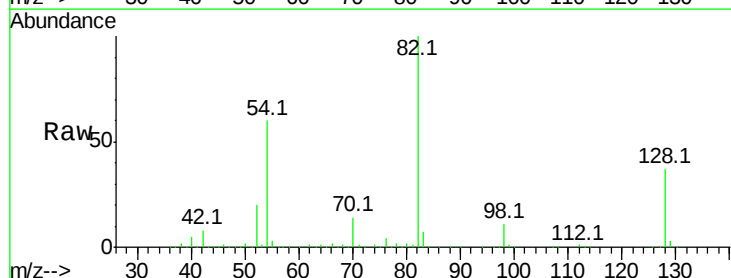


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

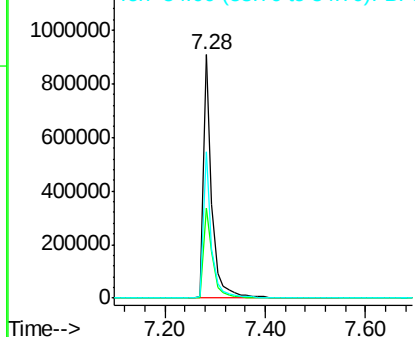
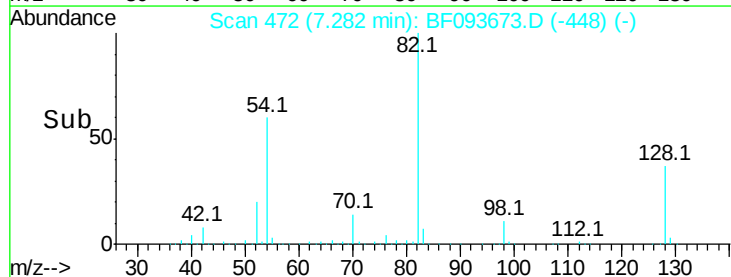


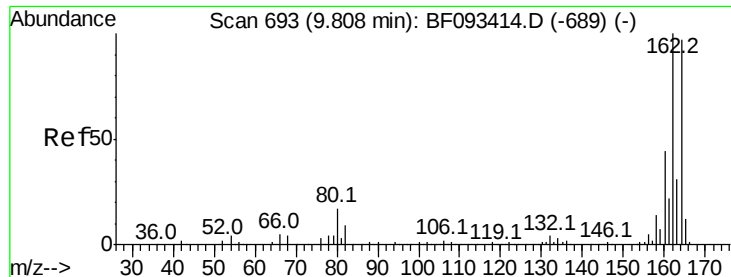
#23
Nitrobenzene-d5
Concen: 80.58 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Tgt Ion:	82	Resp:	1042428
Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.6	52.0
54	60.3	39.5	59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

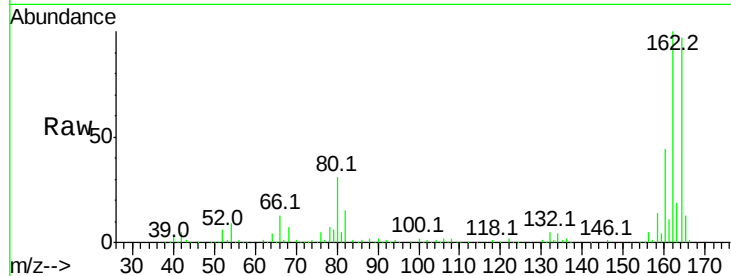




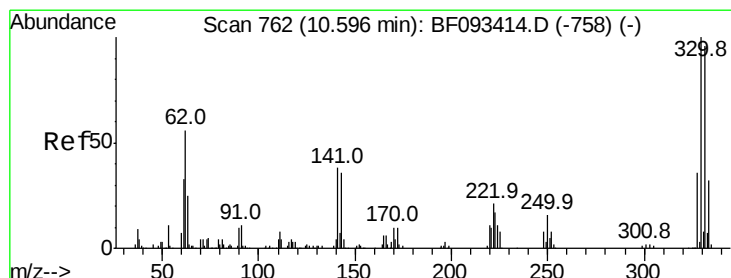
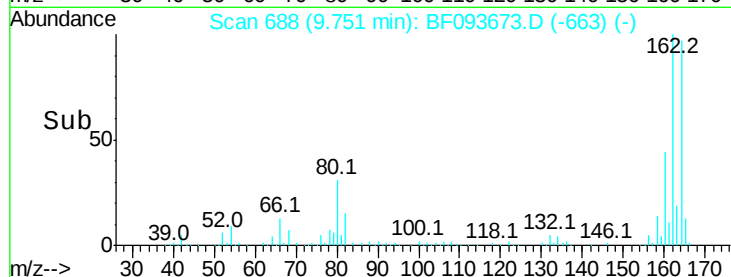
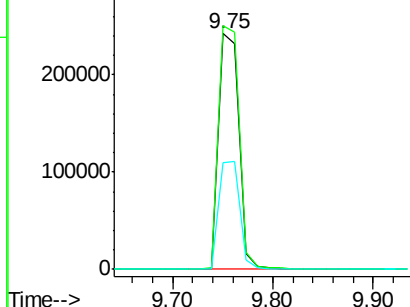
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Instrument :
BNA_F
ClientSampleId :
E2-DD7-BASE

Tot Ion:164 Resp: 341653
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 45.5 36.9 55.3

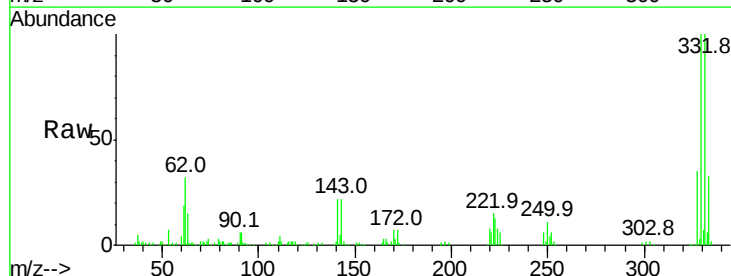


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

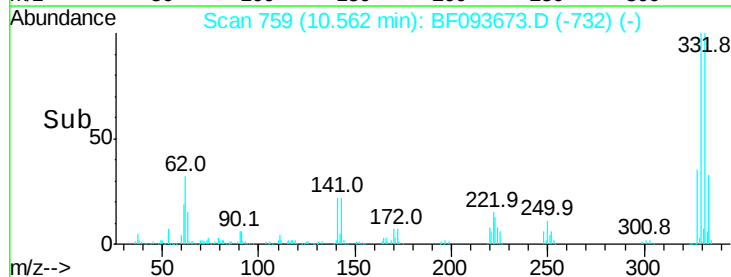
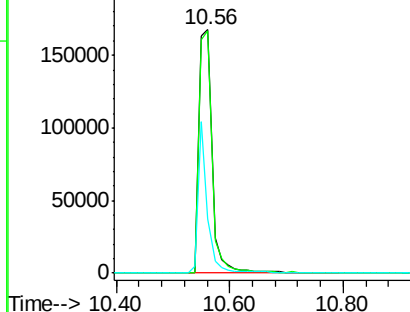


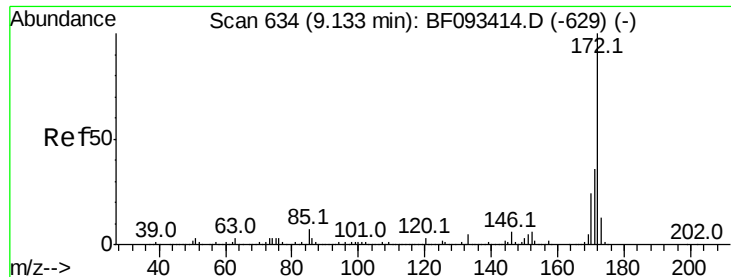
#41
2,4,6-Tribromophenol
Concen: 119.09 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Tgt Ion:330 Resp: 265085
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 43.1 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: 77.23 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

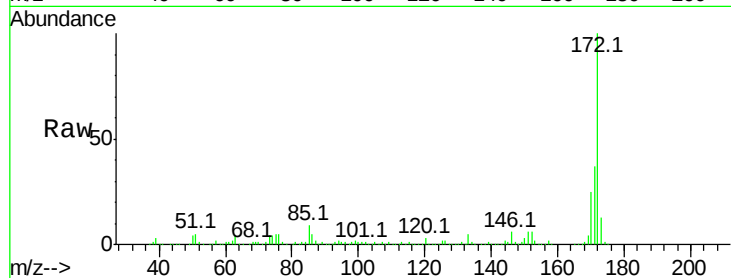
Tot Ion:172 Resp: 1418512

Ion Ratio Lower Upper

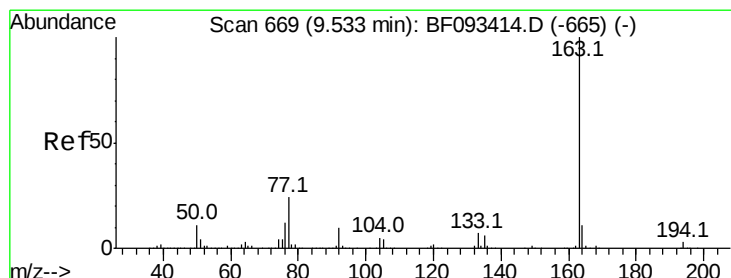
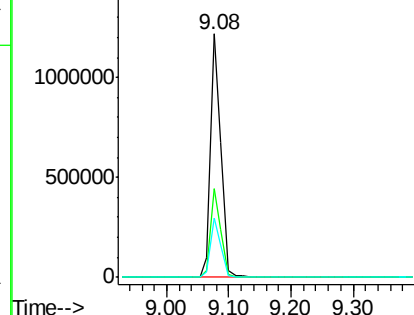
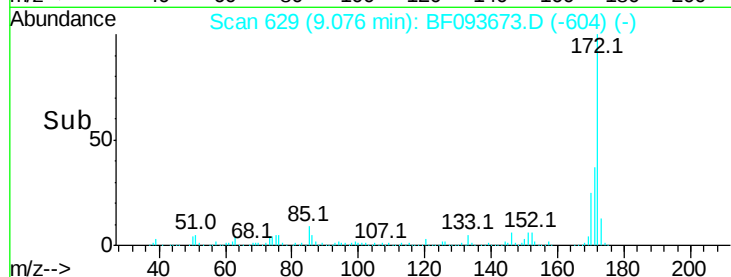
172 100

171 36.7 29.4 44.0

170 24.6 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: 15.58 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

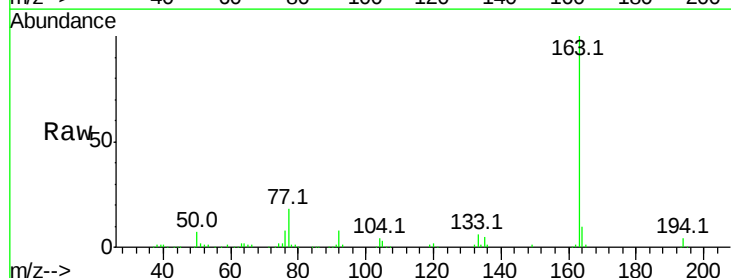
Tgt Ion:163 Resp: 352903

Ion Ratio Lower Upper

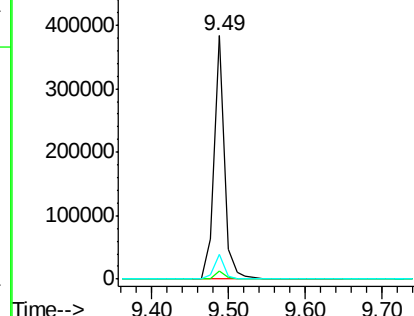
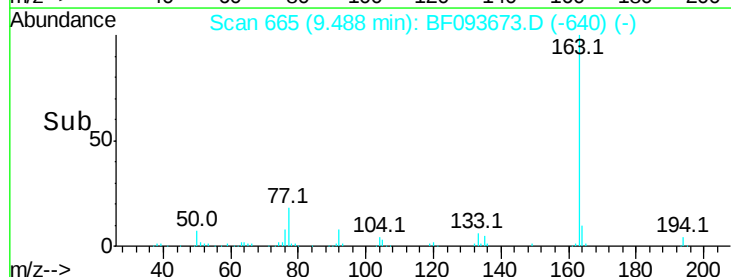
163 100

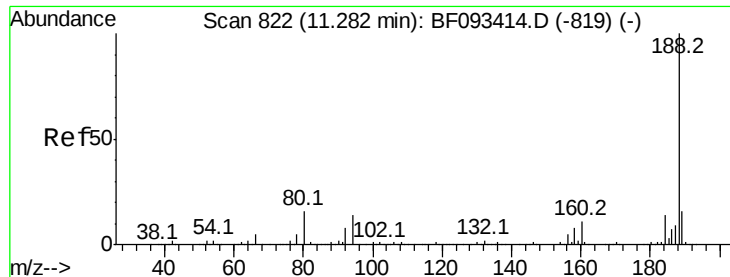
194 3.5 3.0 4.4

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

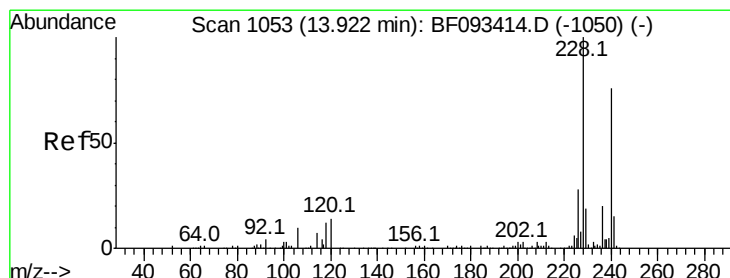
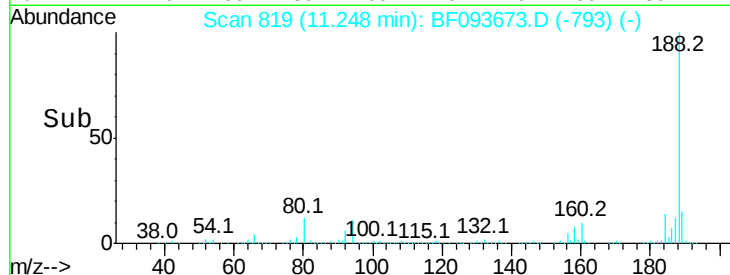
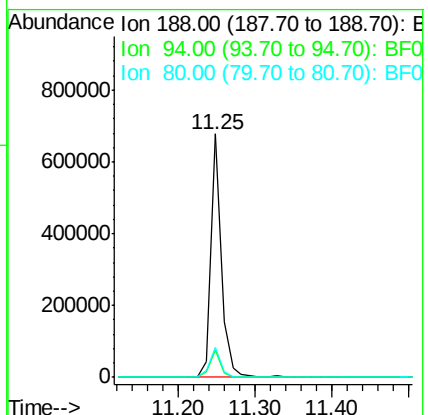
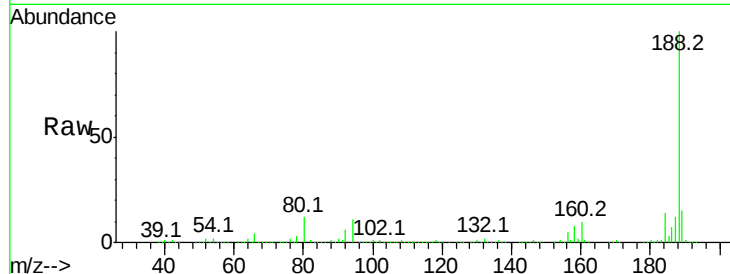




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

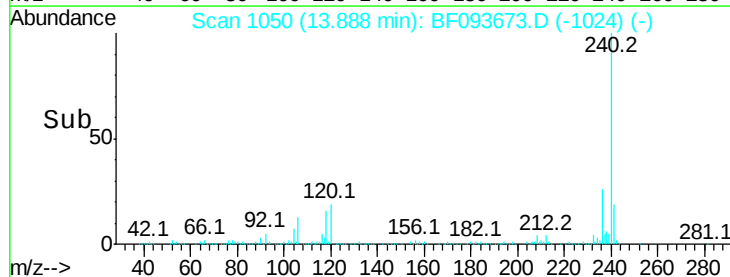
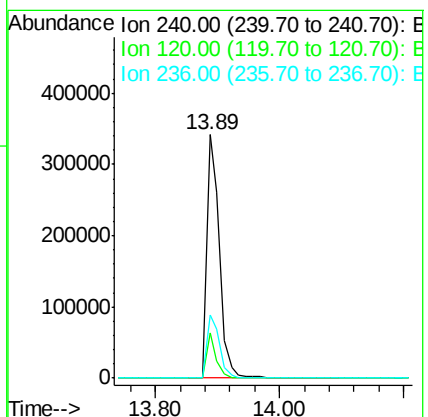
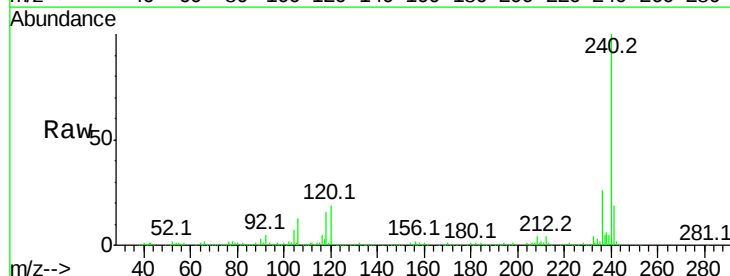
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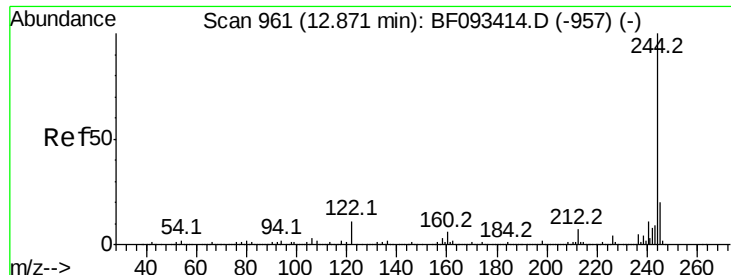
Tot Ion:188 Resp: 635247
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.4 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Tgt Ion:240 Resp: 470974
Ion Ratio Lower Upper
240 100
120 18.7 12.9 19.3
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 67.37 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

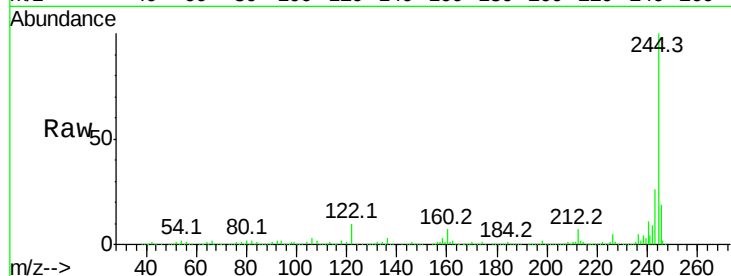
Tot Ion:244 Resp: 1220332

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

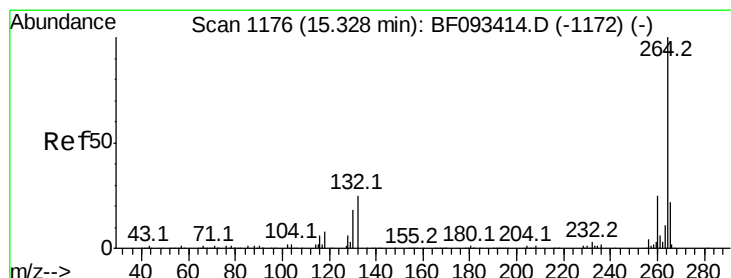
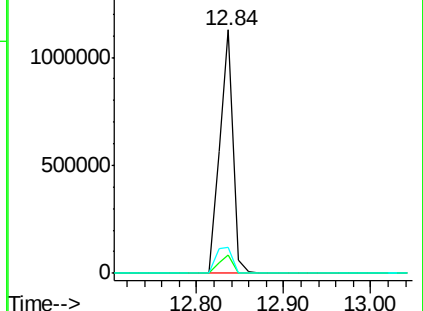
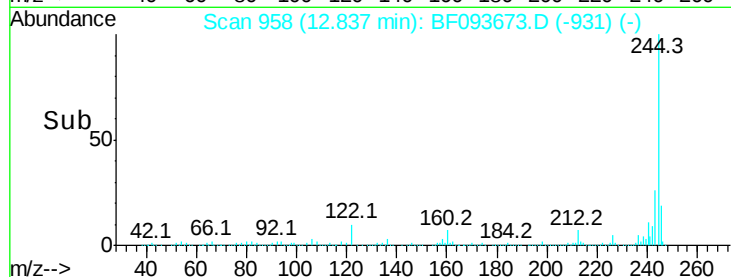
122 10.5 11.4 17.2#



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: BF093673.D

Acq: 15 Mar 2017 17:41

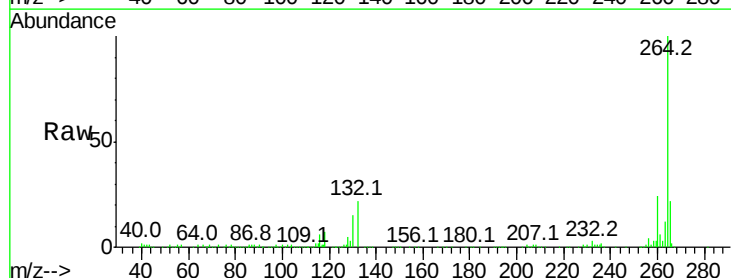
Tgt Ion:264 Resp: 333329

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 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

