

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093697.D
 Acq On : 16 Mar 2017 7:24
 Operator : SJ/MA
 Sample : I2167-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

Quant Time: Mar 16 07:58:14 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

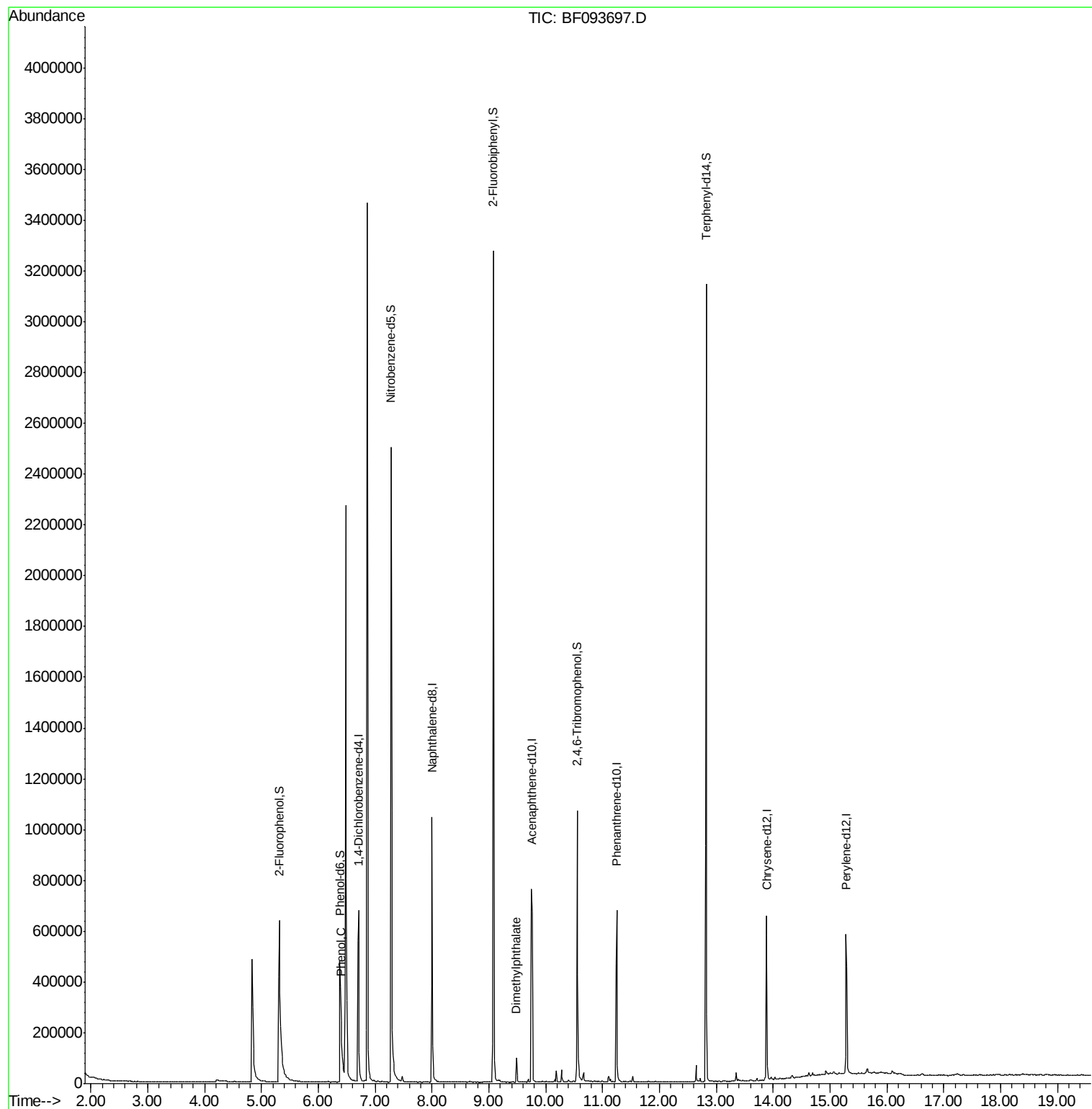
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	149446	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	545508	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	214275	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	334093	20.00	ng	0.00
75) Chrysene-d12	13.89	240	324412	20.00	ng	0.00
86) Perylene-d12	15.28	264	272255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	398574	44.39	ng	0.00
7) Phenol-d6	6.38	99	344047	30.38	ng	0.00
23) Nitrobenzene-d5	7.28	82	971114	98.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	118537	84.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1402548	121.75	ng	-0.01
78) Terphenyl-d14	12.82	244	937215	75.11	ng	0.00
Target Compounds						
10) Phenol	6.40	94	36830	2.65	ng	88
49) Dimethylphthalate	9.49	163	42800	3.01	ng	99

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

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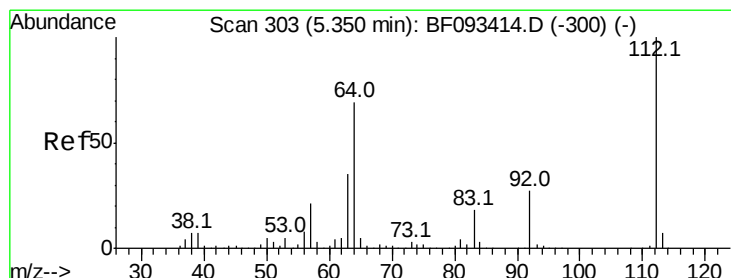
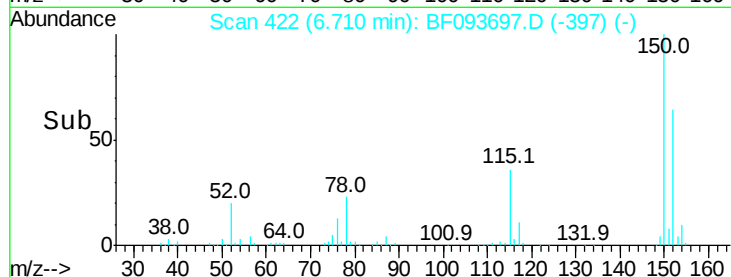
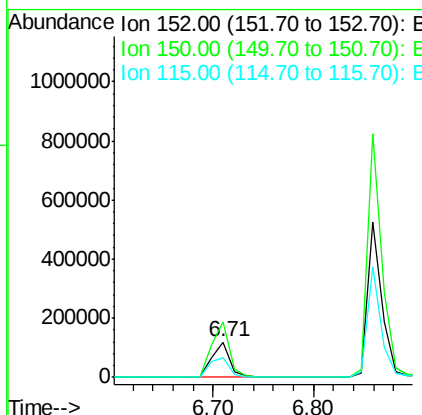
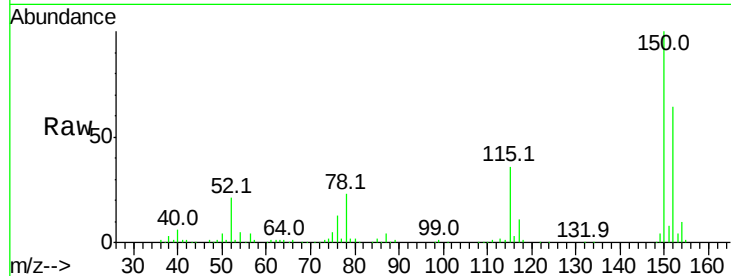


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

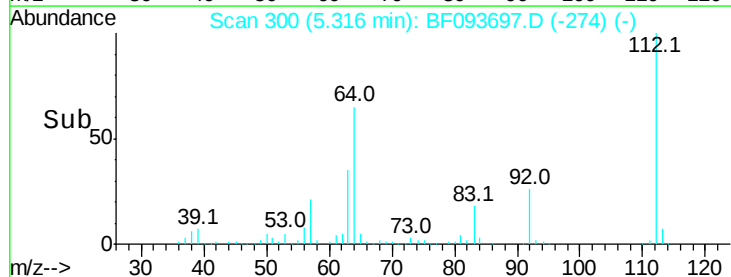
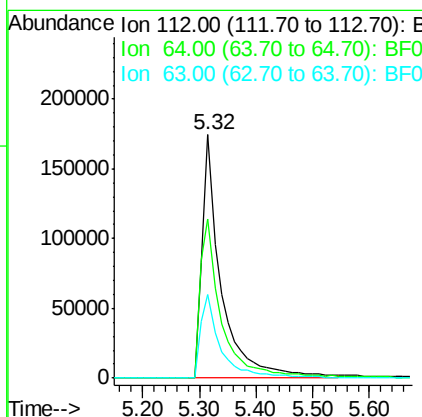
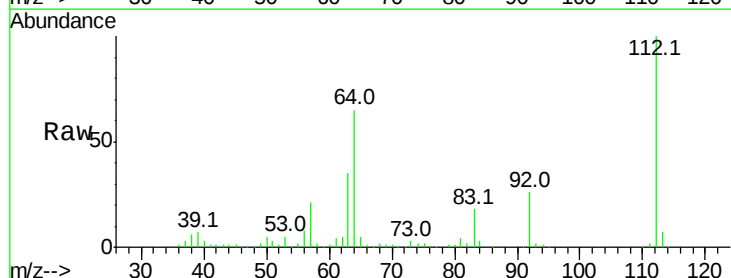
Tot Ion:152 Resp: 149446
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.9 187.3
 115 55.6 46.0 69.0

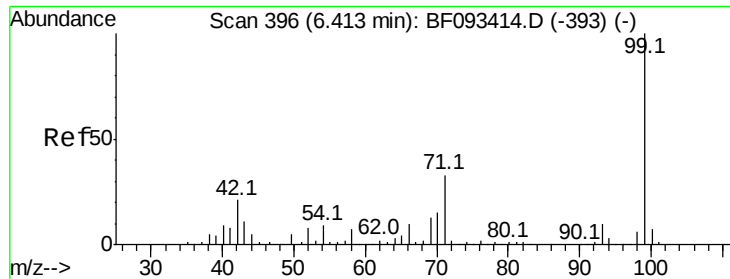


#5

2-Fluorophenol
 Concen: 44.39 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Tgt Ion:112 Resp: 398574
 Ion Ratio Lower Upper
 112 100
 64 65.2 46.1 69.1
 63 34.6 23.8 35.6





#7

Phenol-d6

Concen: 30.38 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

BNA_F

ClientSampleId :

031117-DSDC-F-D-M

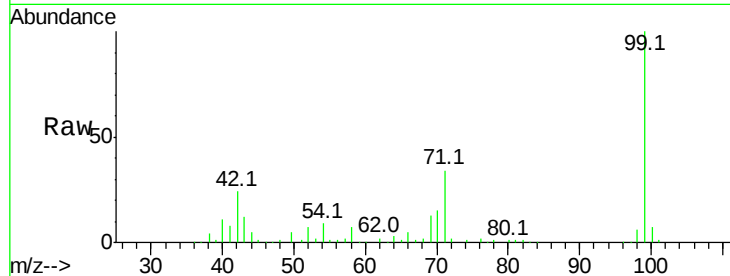
Tot Ion: 99 Resp: 344047

Ion Ratio Lower Upper

99 100

42 23.6 15.6 23.4#

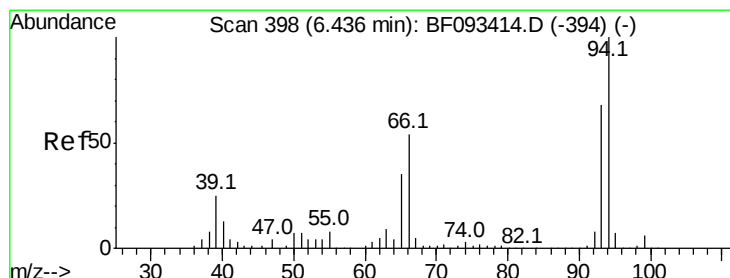
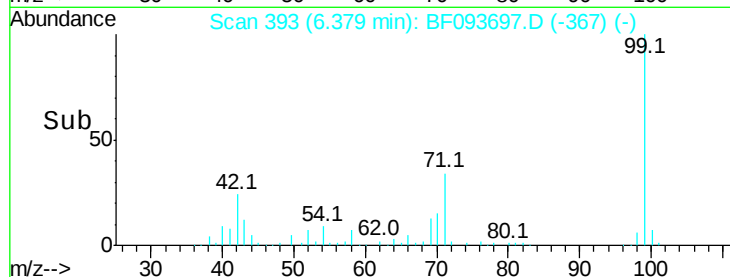
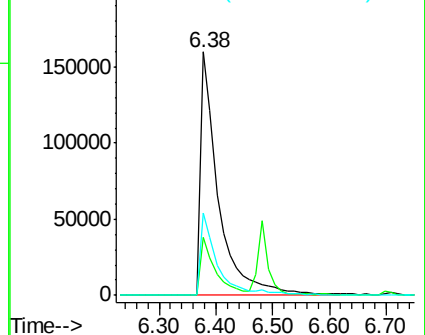
71 33.7 27.5 41.3



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: 2.65 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

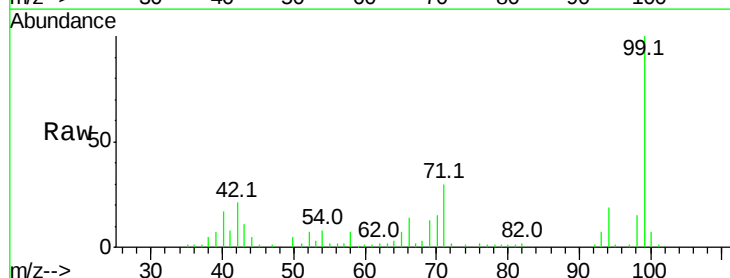
Tgt Ion: 94 Resp: 36830

Ion Ratio Lower Upper

94 100

65 36.6 21.4 61.4

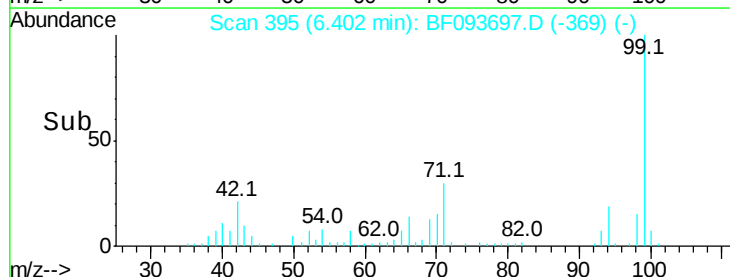
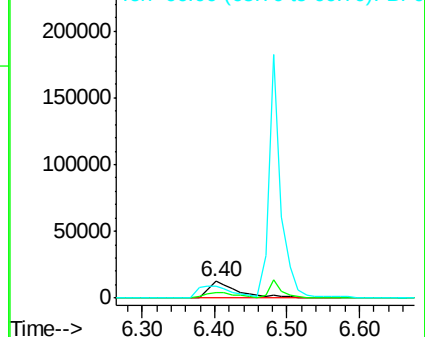
66 75.3 44.0 84.0

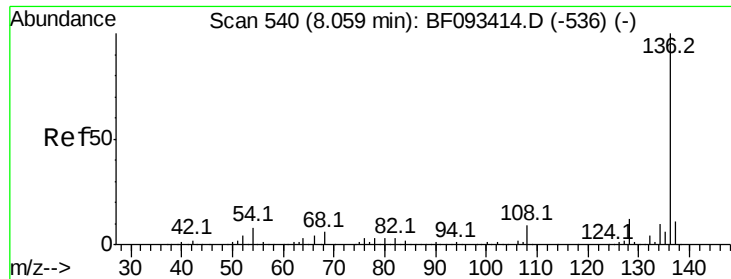


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

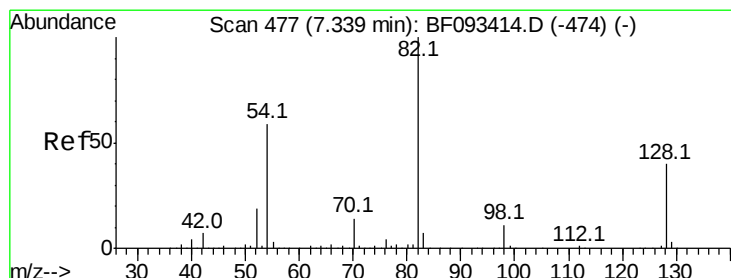
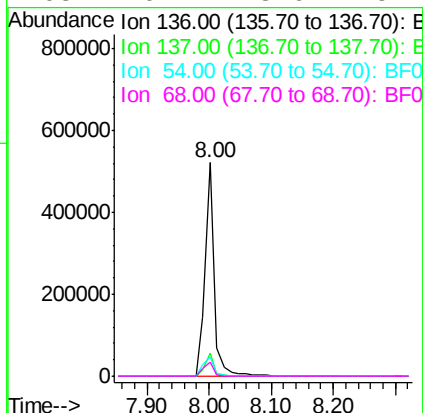
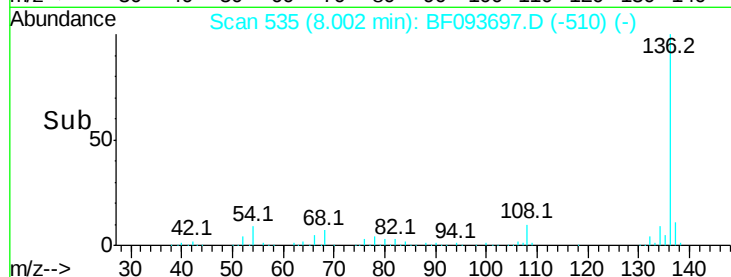
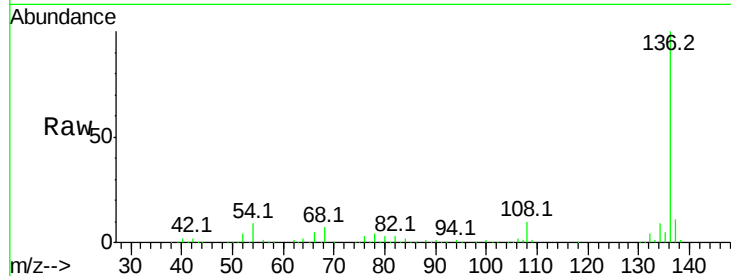




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

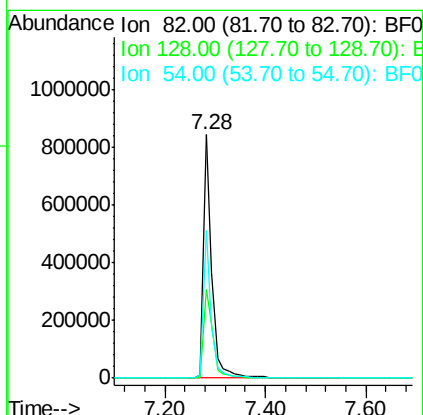
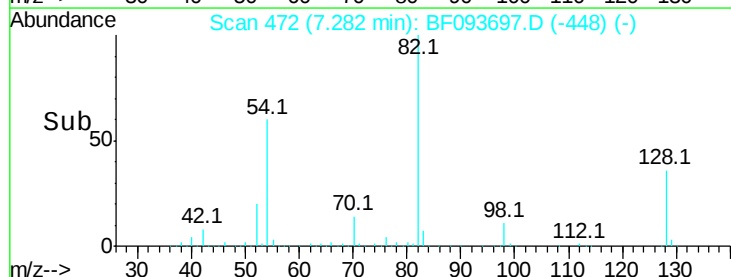
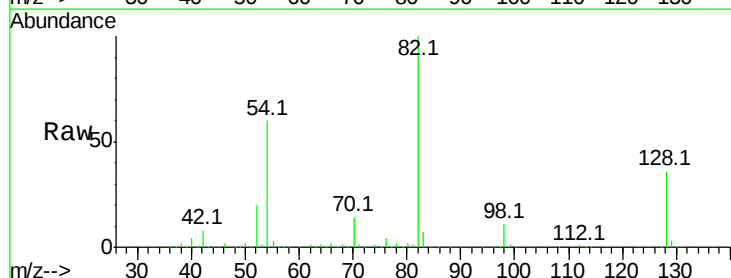
Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

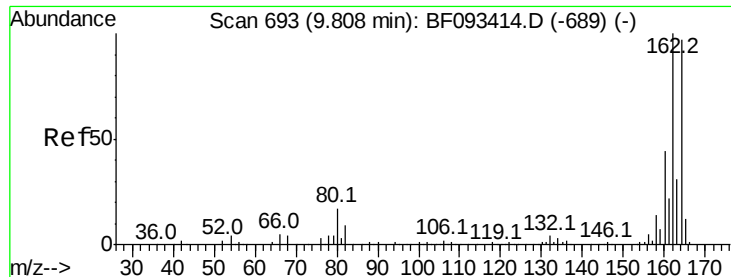
Tot Ion:	136	Resp:	545508
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.7	4.5	6.7#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.77 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Tgt Ion:	82	Resp:	971114
Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.6	52.0
54	60.4	39.5	59.3#

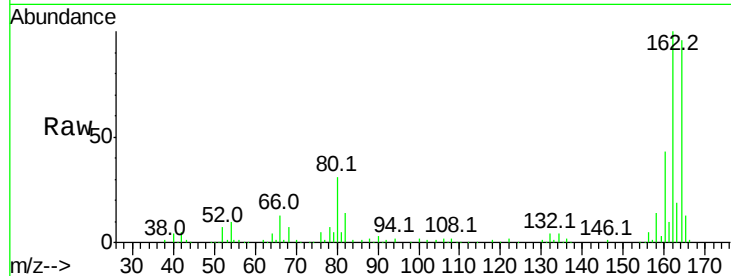




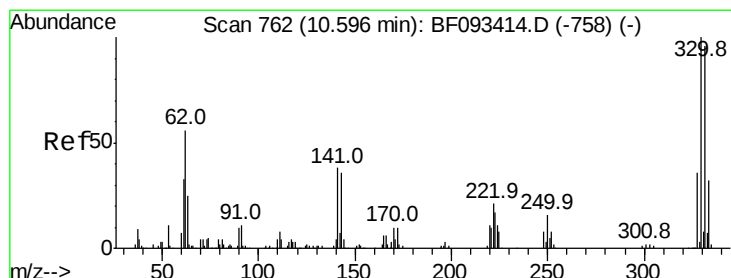
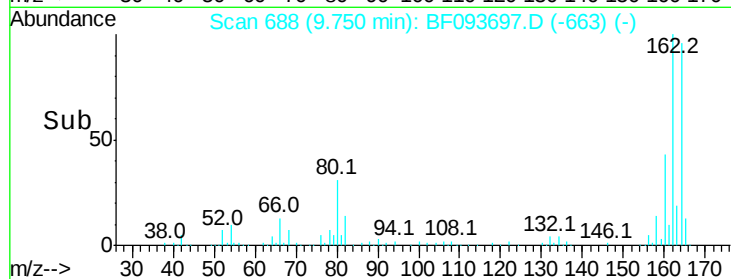
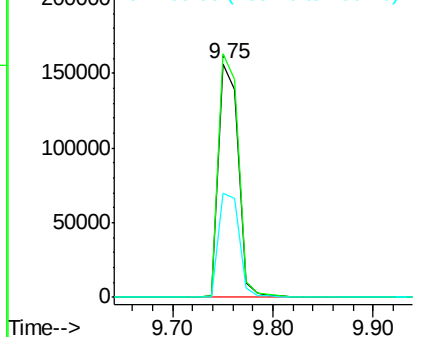
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

Tot Ion:164 Resp: 214275
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.2 120.2
 160 44.3 36.9 55.3

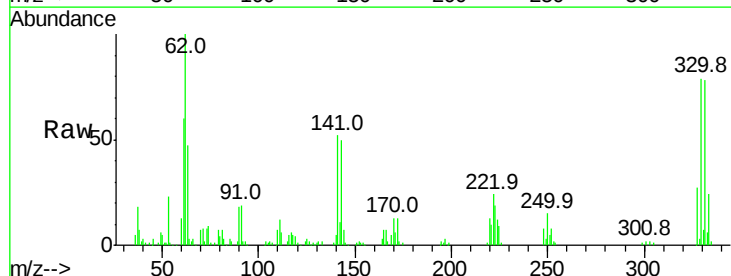


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

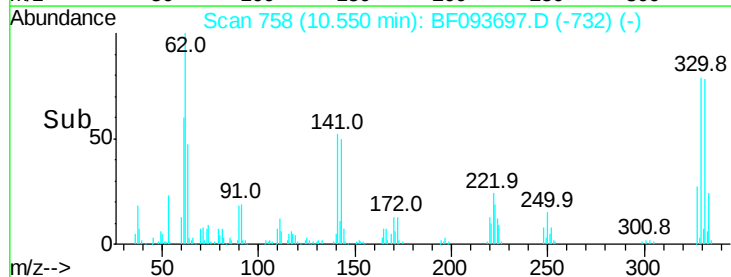
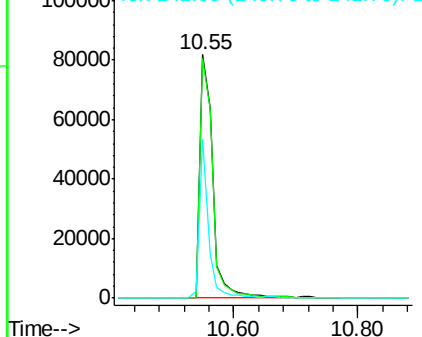


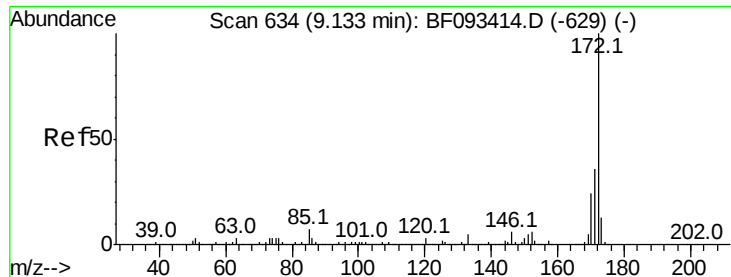
#41
 2,4,6-Tribromophenol
 Concen: 84.91 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Tgt Ion:330 Resp: 118537
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 46.6 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



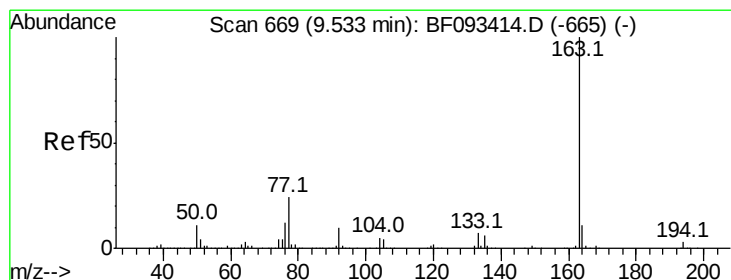
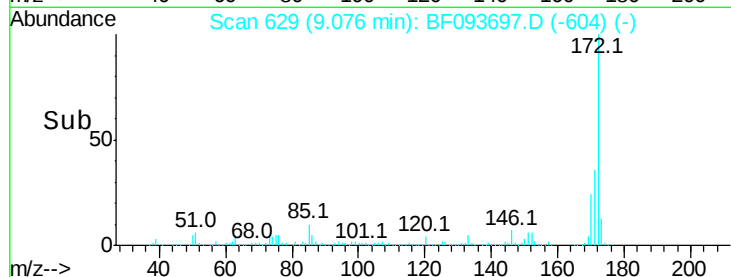
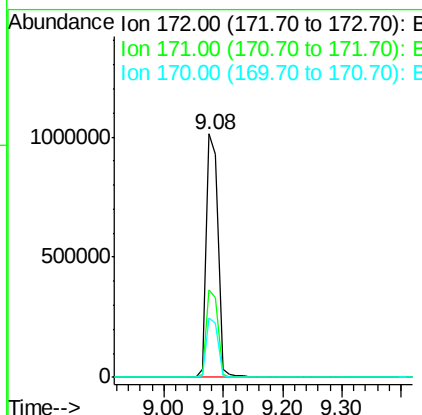
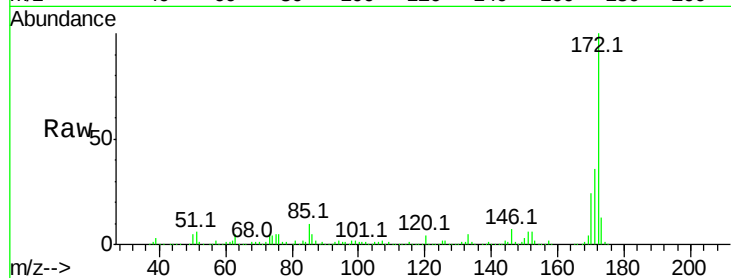


#44
 2-Fluorobiphenyl
 Concen: 121.75 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

Tot Ion:172 Resp: 1402548

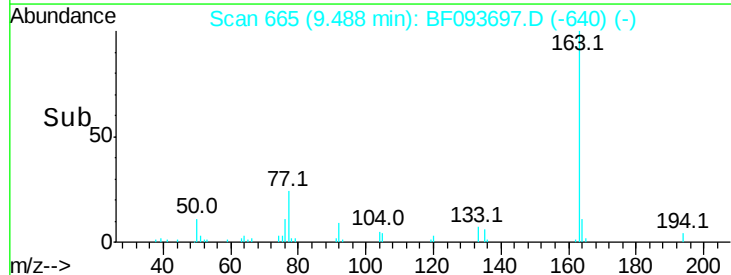
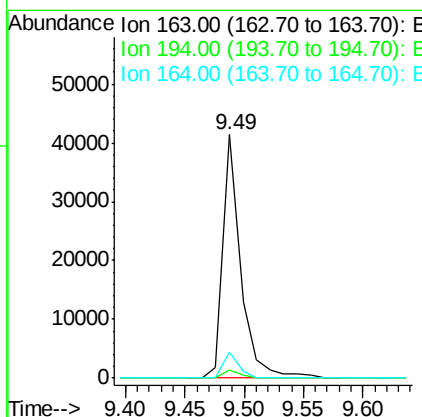
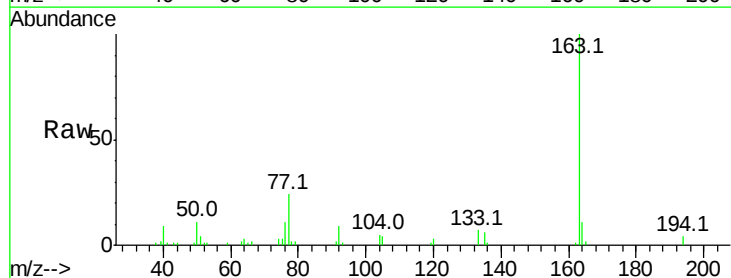
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.1	20.2	30.4

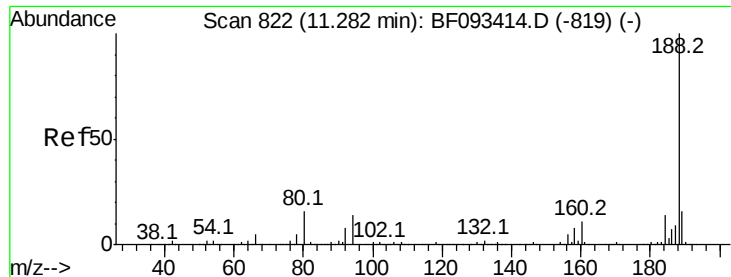


#49
 Dimethylphthalate
 Concen: 3.01 ng
 RT: 9.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Tgt Ion:163 Resp: 42800

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.6	8.0	12.0

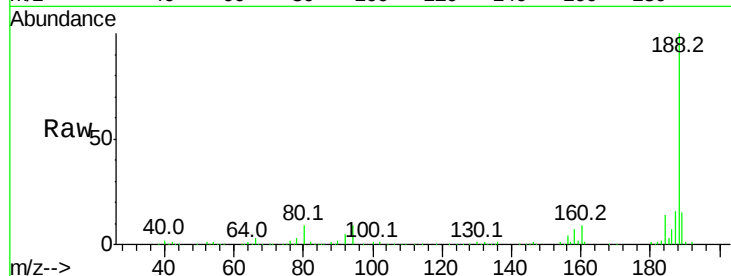




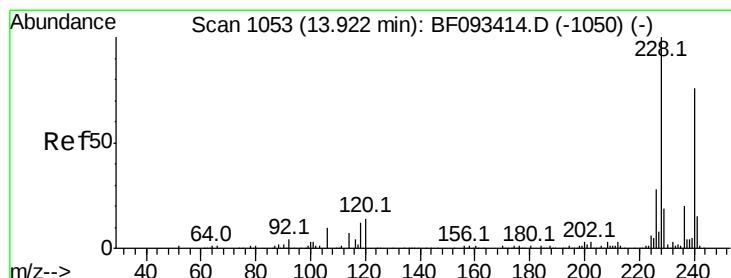
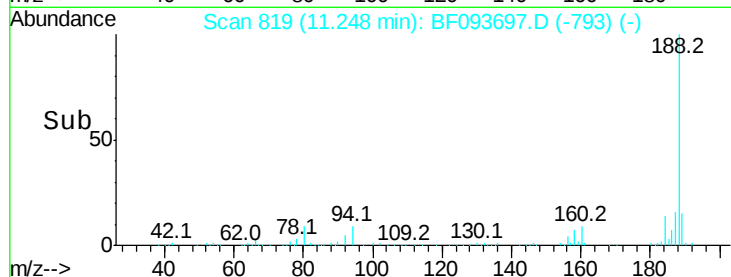
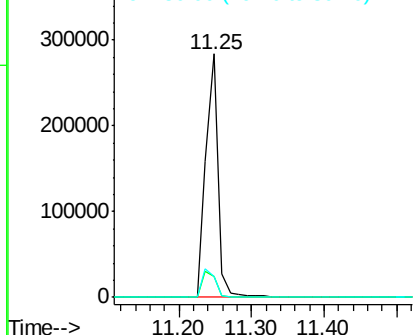
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

Tot Ion:188 Resp: 334093
Ion Ratio Lower Upper
188 100
94 8.7 10.0 15.0#
80 8.8 11.2 16.8#

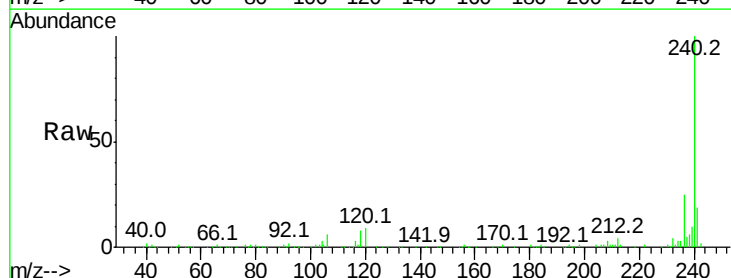


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

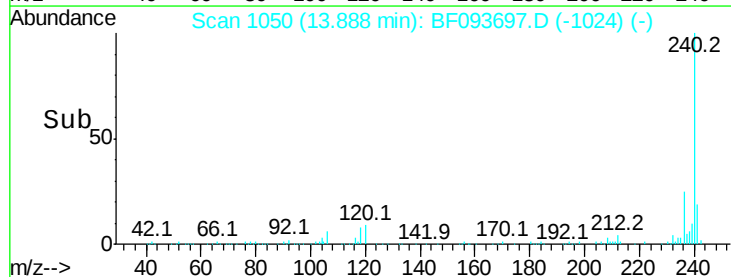
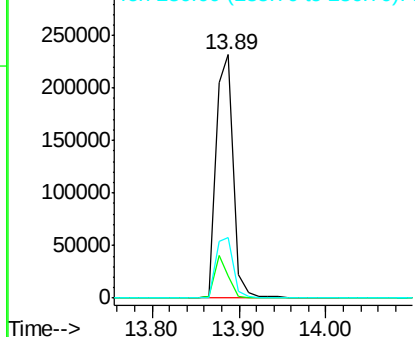


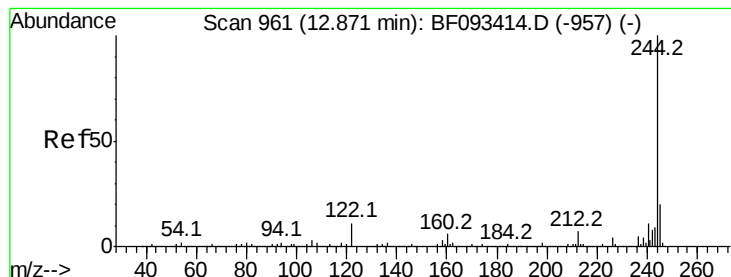
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Tgt Ion:240 Resp: 324412
Ion Ratio Lower Upper
240 100
120 9.1 12.9 19.3#
236 25.0 20.9 31.3



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: 75.11 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

BNA_F

ClientSampleId :

031117-DSDC-F-D-M

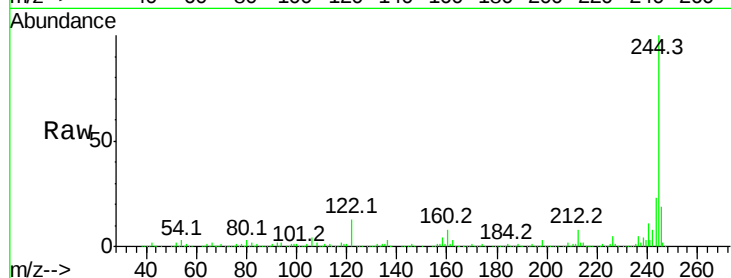
Tot Ion:244 Resp: 937215

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

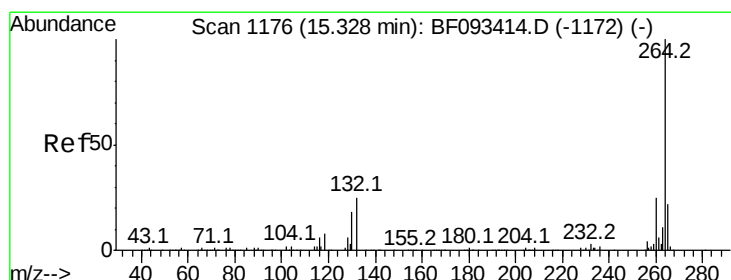
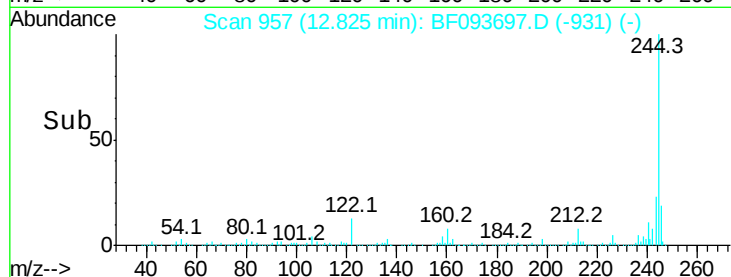
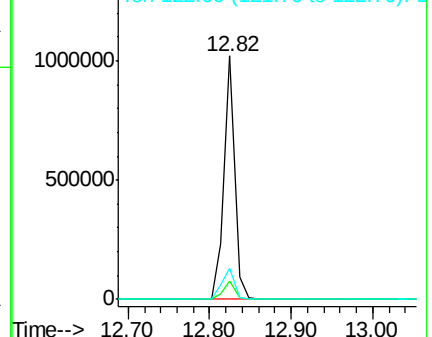
122 12.7 11.4 17.2



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: 15.28 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

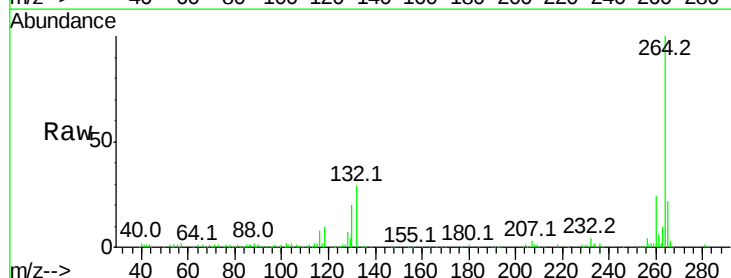
Tgt Ion:264 Resp: 272255

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.5 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

