

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110916.D
 Acq On : 21 Nov 2018 2:36
 Operator : JU/SJ
 Sample : J6003-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-04

Quant Time: Nov 21 06:11:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

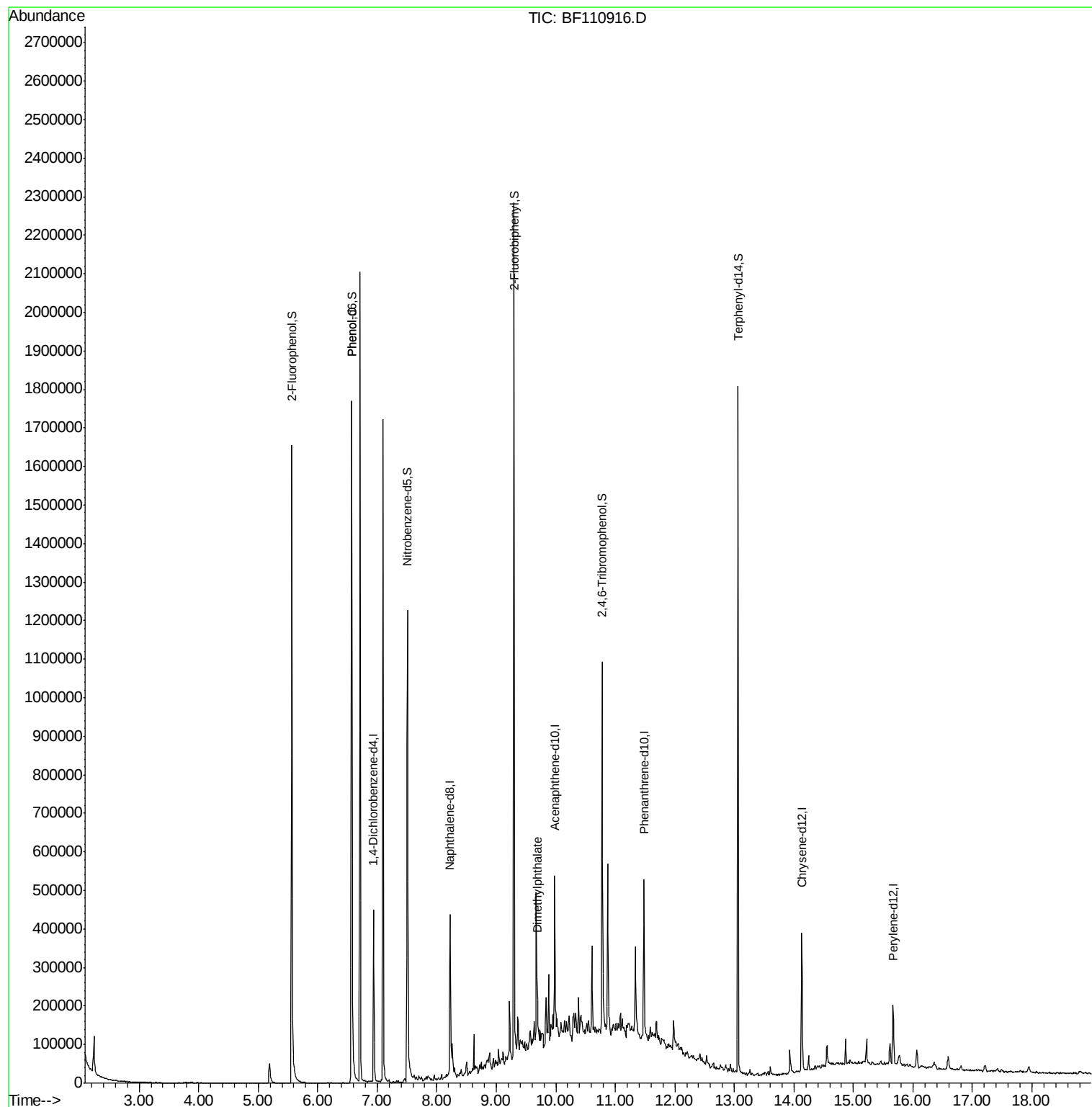
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64403	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	244655	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	98996	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	153676	20.00	ng	0.00
76) Chrysene-d12	14.13	240	132050	20.00	ng	0.00
87) Perylene-d12	15.67	264	85002	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	542653	136.86	ng	0.00
7) Phenol-d6	6.57	99	674931	133.12	ng	0.00
23) Nitrobenzene-d5	7.51	82	425119	100.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	118291	118.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	686802	99.08	ng	0.00
79) Terphenyl-d14	13.06	244	552192	78.31	ng	0.00
Target Compounds						
10) Phenol	6.58	94	34915	5.939	ng	85
50) Dimethylphthalate	9.69	163	41421	5.607	ng	99

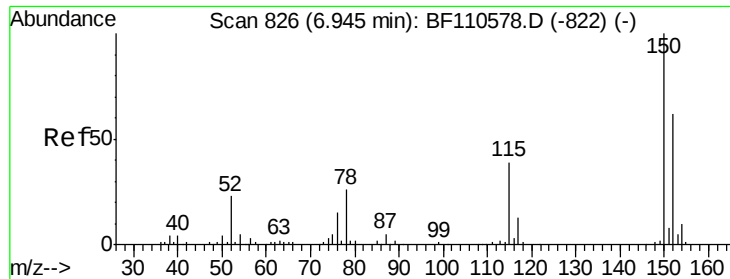
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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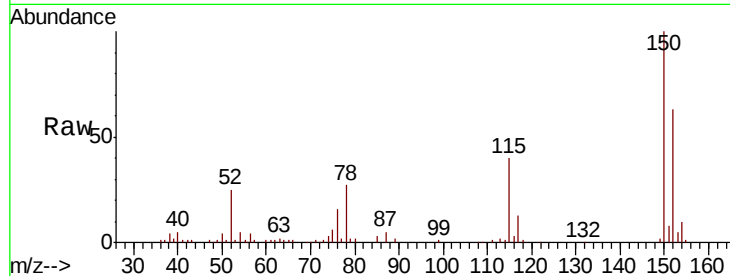


#1

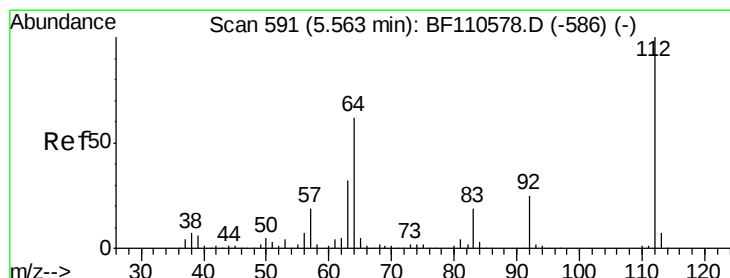
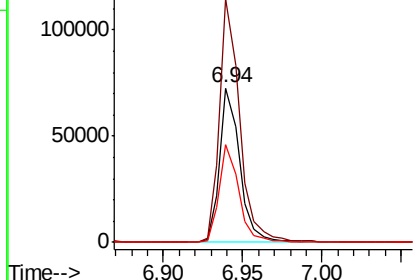
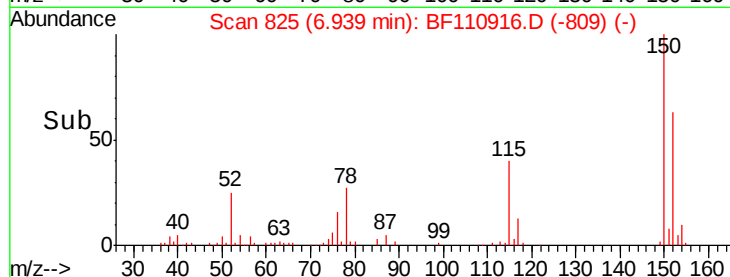
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Tot Ion:152 Resp: 64403
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 62.9 49.1 73.7



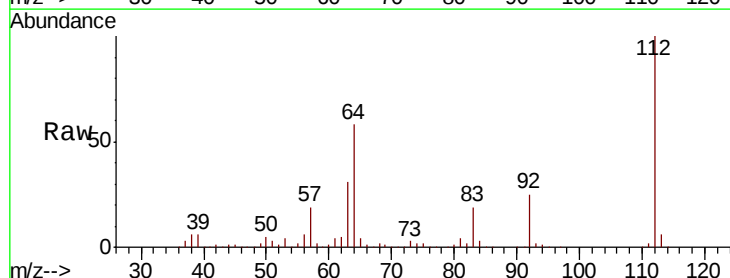
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



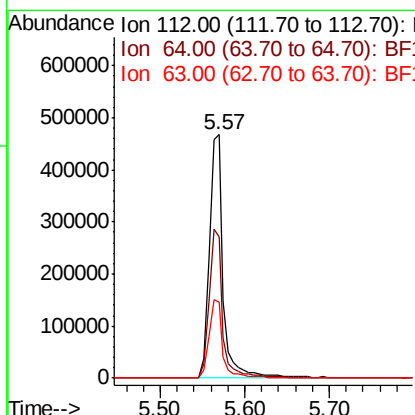
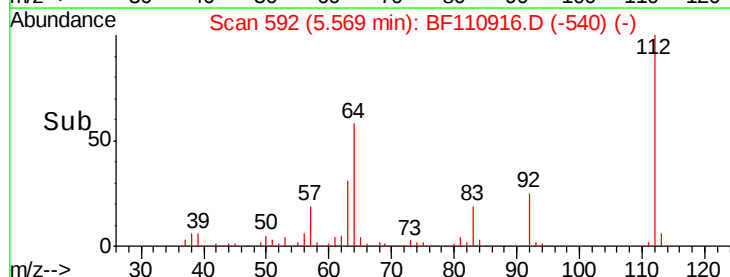
#5

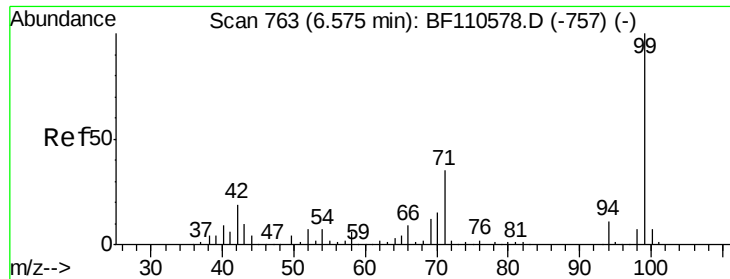
2-Fluorophenol
Concen: 136.863 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:112 Resp: 542653
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 31.2 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: 133.117 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

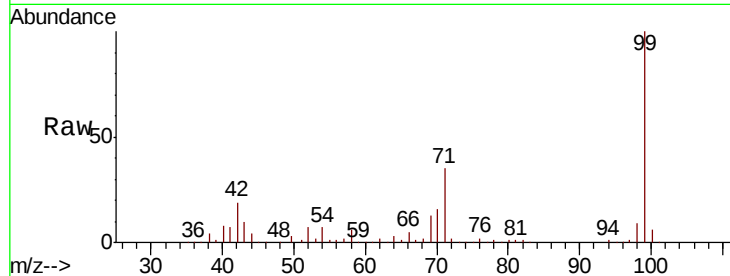
Tot Ion: 99 Resp: 674931

Ion Ratio Lower Upper

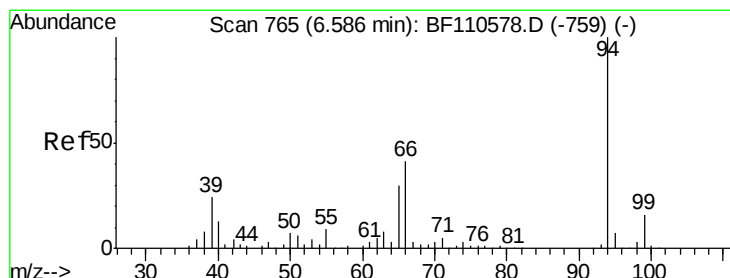
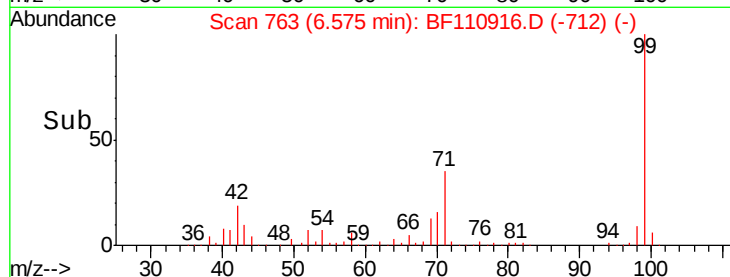
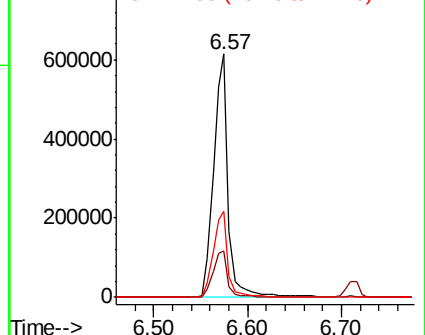
99 100

42 19.0 15.8 23.6

71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.939 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

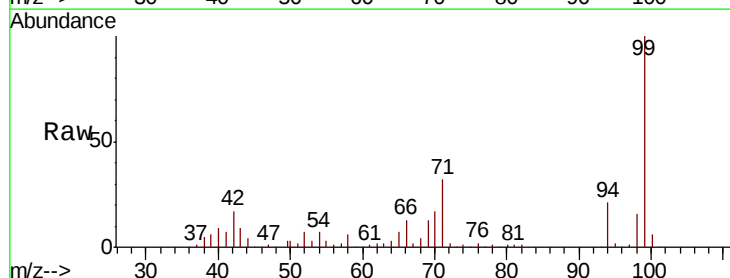
Tgt Ion: 94 Resp: 34915

Ion Ratio Lower Upper

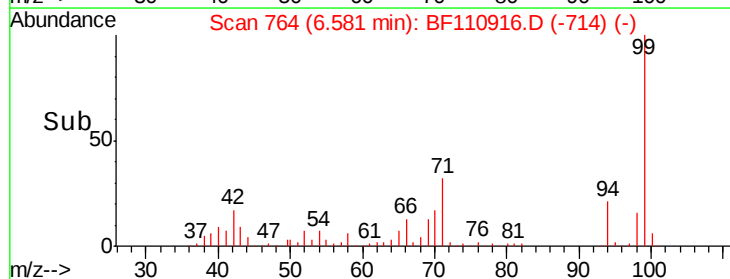
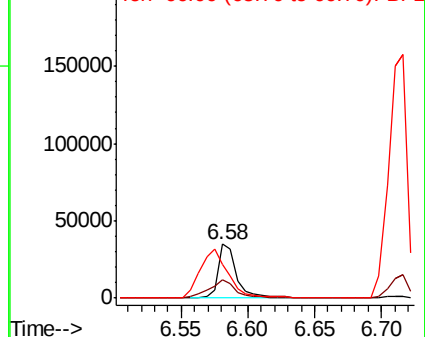
94 100

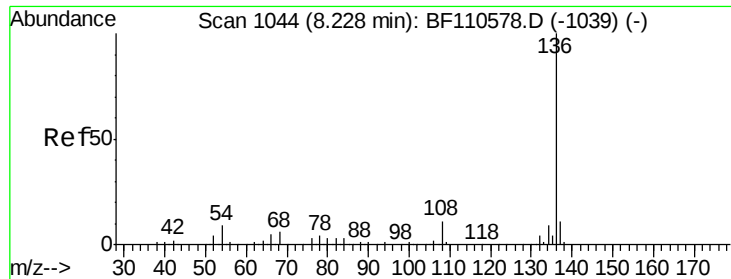
65 34.7 25.3 65.3

66 62.3 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

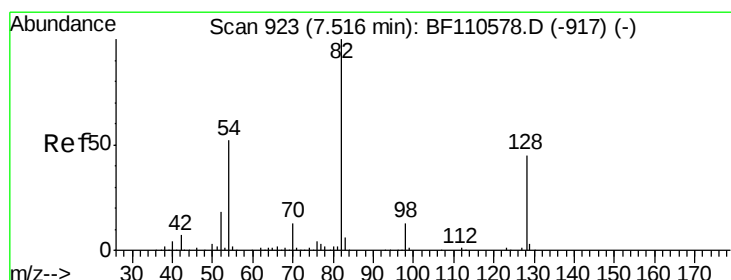
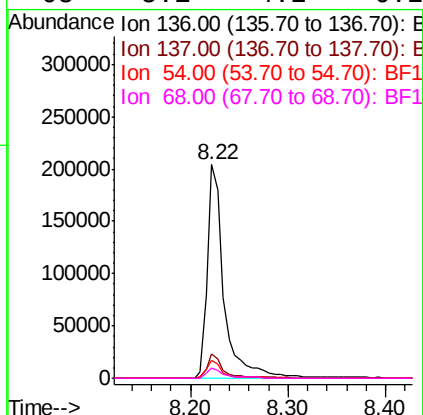
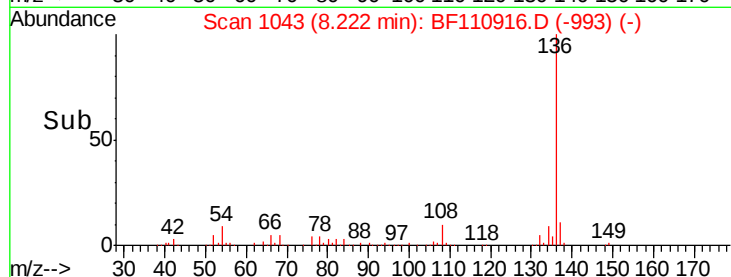
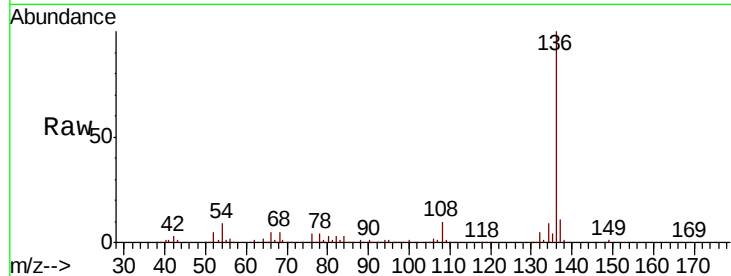




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

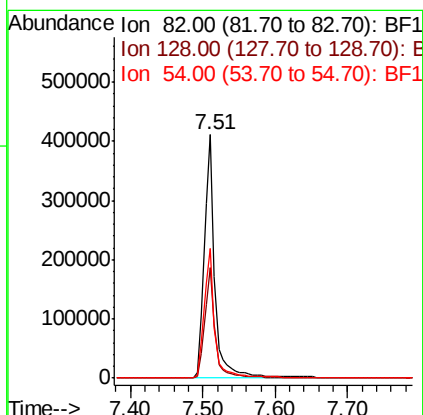
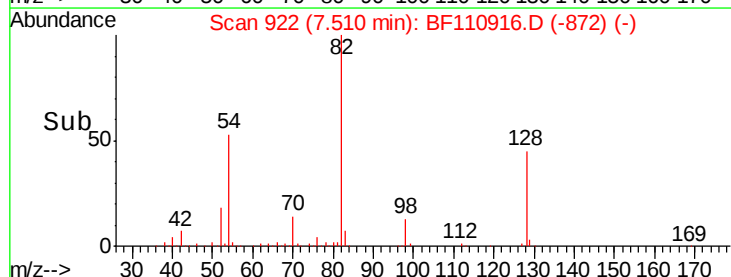
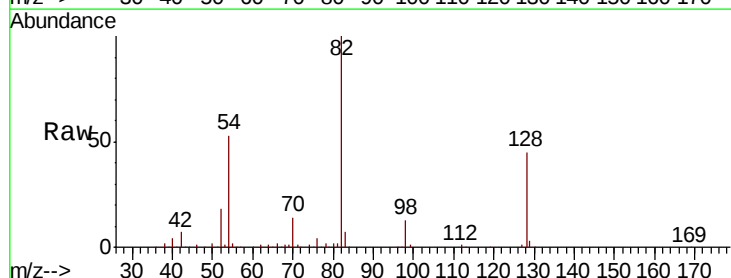
Instrument :
BNA_F
ClientSampleId :
NON-UST-04

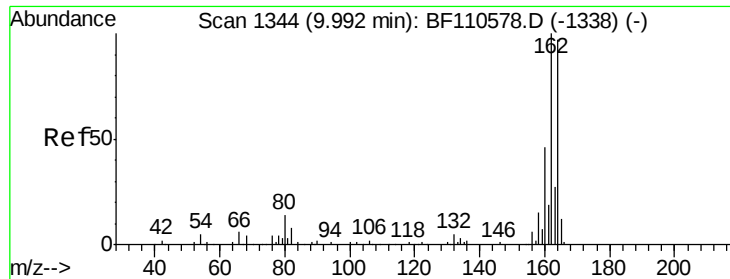
Tot Ion:136	Resp:	244655
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.6	5.4 8.2#
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 100.069 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion: 82	Resp:	425119
Ion Ratio	Lower	Upper
82	100	
128	45.2	34.2 51.2
54	53.1	38.6 58.0

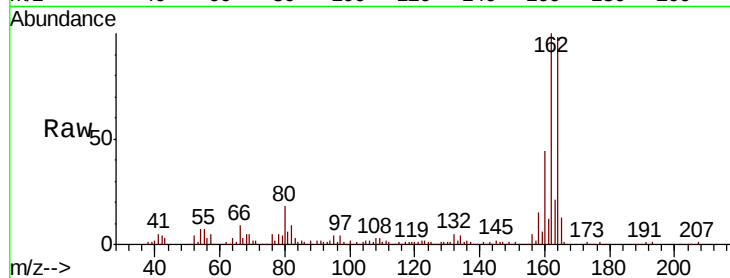




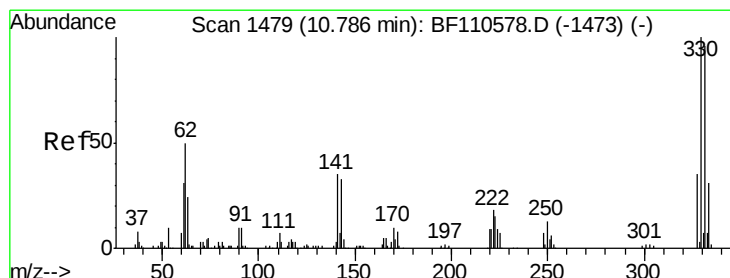
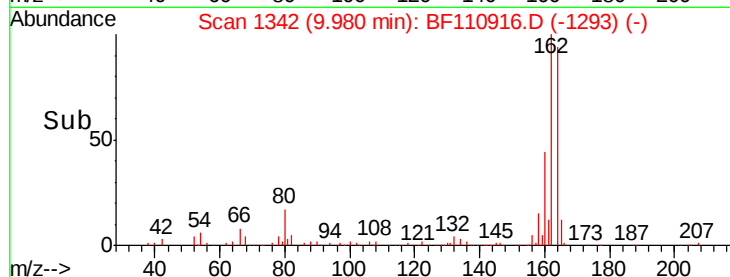
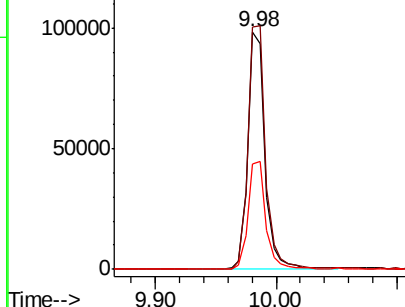
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Tot Ion:164 Resp: 98996
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 44.5 37.0 55.6

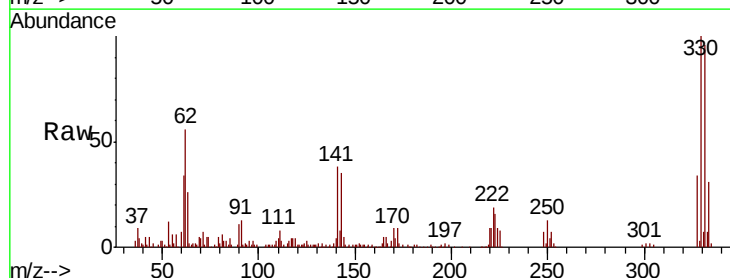


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

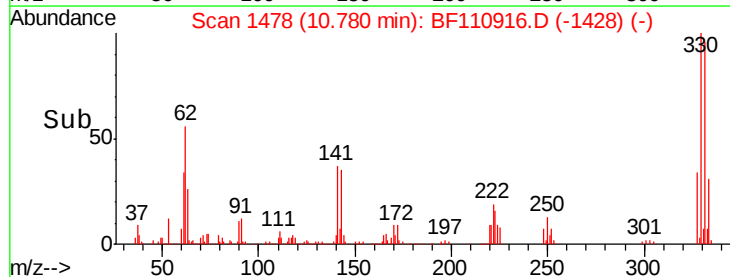
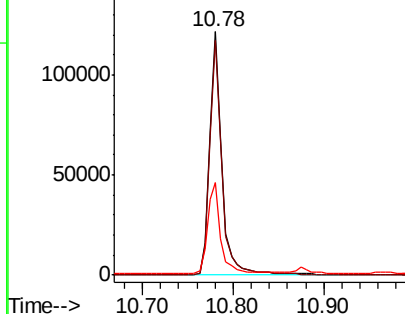


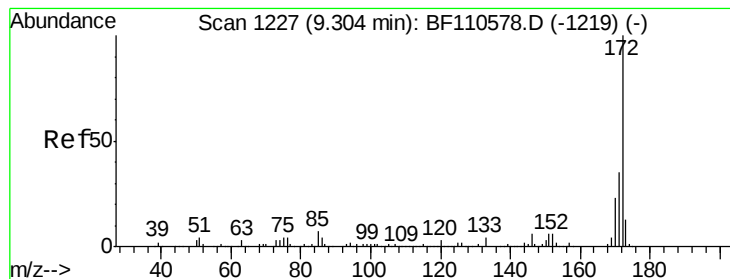
#42
2,4,6-Tribromophenol
Concen: 118.586 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:330 Resp: 118291
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 39.2 27.0 40.4



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





#45

2-Fluorobiphenyl

Concen: 99.083 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

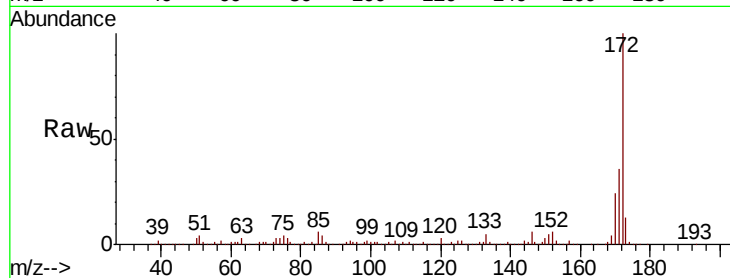
Tot Ion:172 Resp: 686802

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

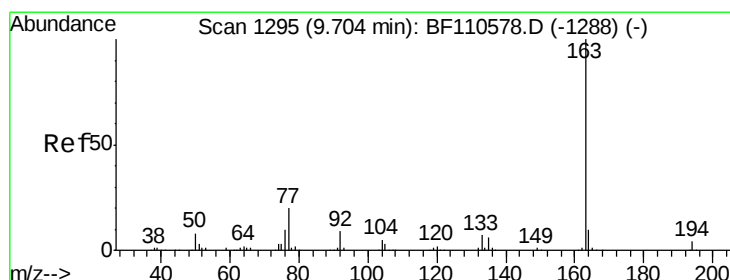
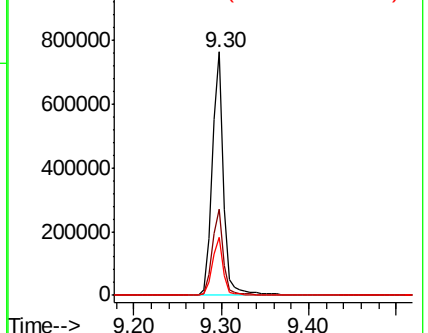
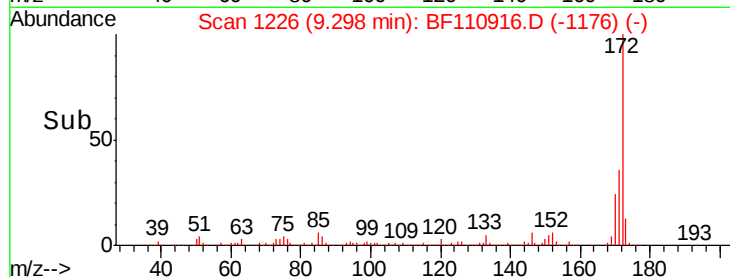
170 23.8 19.7 29.5



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



#50

Dimethylphthalate

Concen: 5.607 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

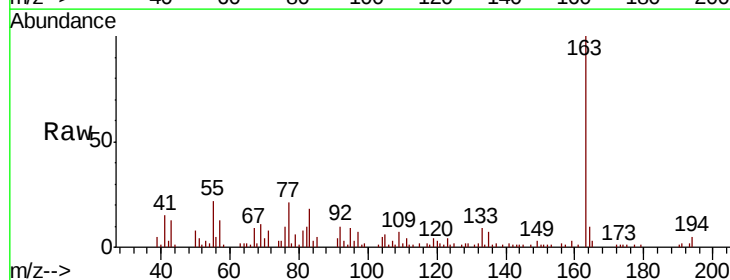
Tgt Ion:163 Resp: 41421

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

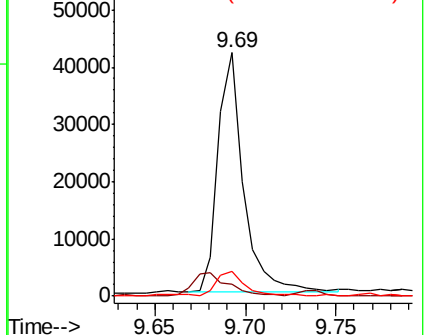
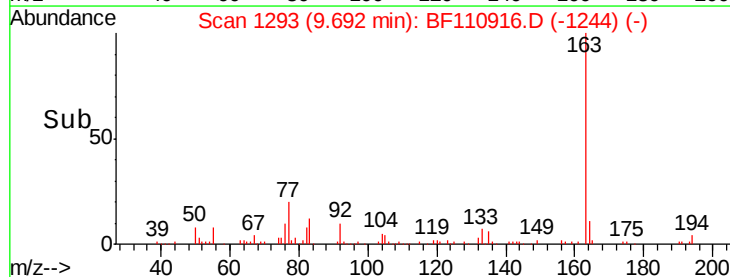
164 10.4 8.1 12.1

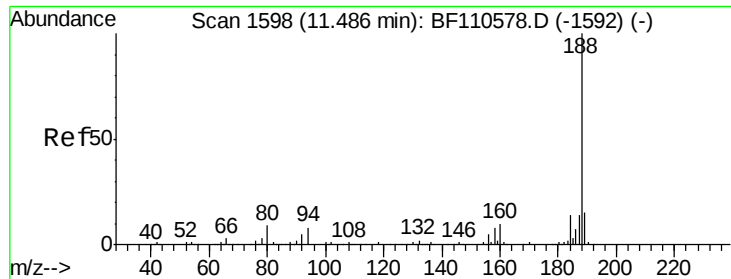


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

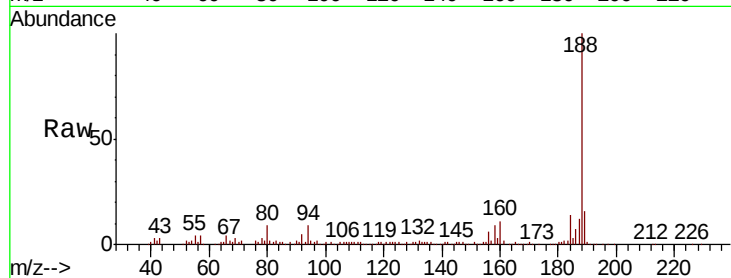




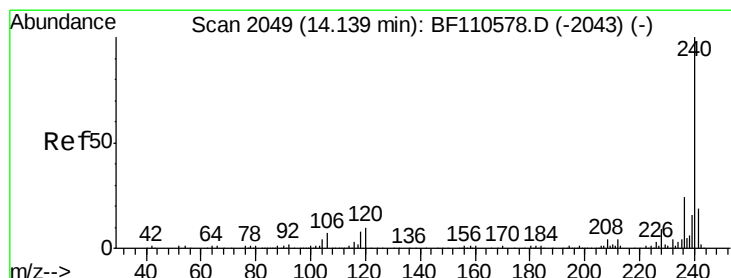
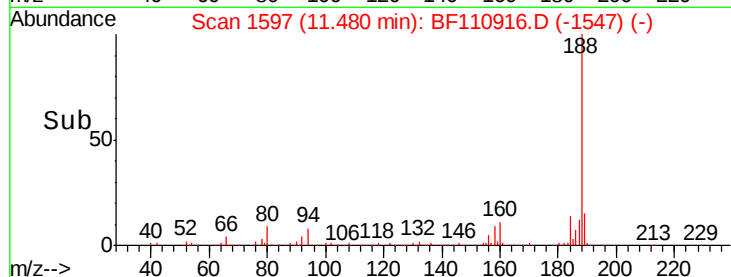
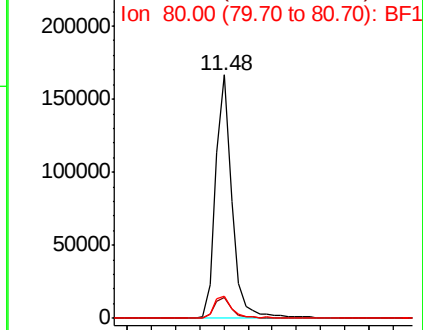
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
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Tot Ion:188 Resp: 153676
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.0 7.9 11.9

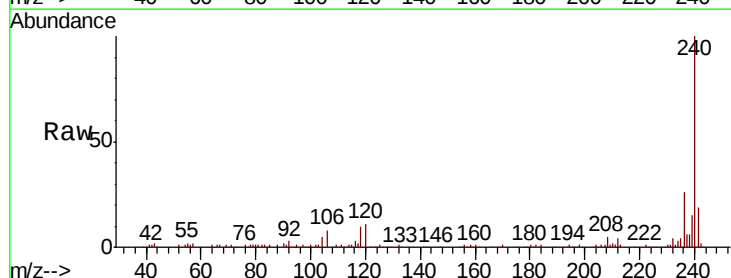


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

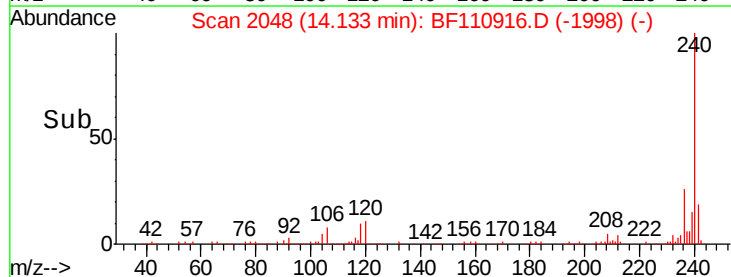
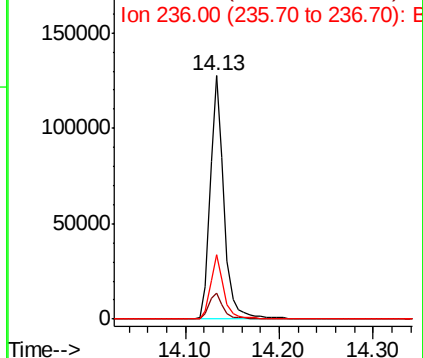


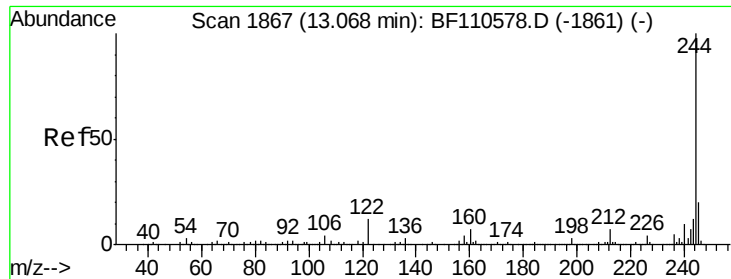
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:240 Resp: 132050
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.4 21.2 31.8



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





#79

Terphenyl-d14

Concen: 78.313 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

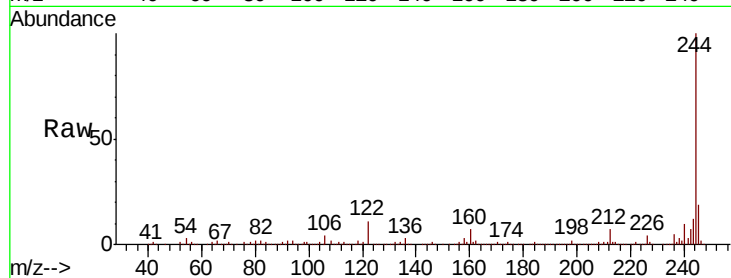
Tot Ion:244 Resp: 552192

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

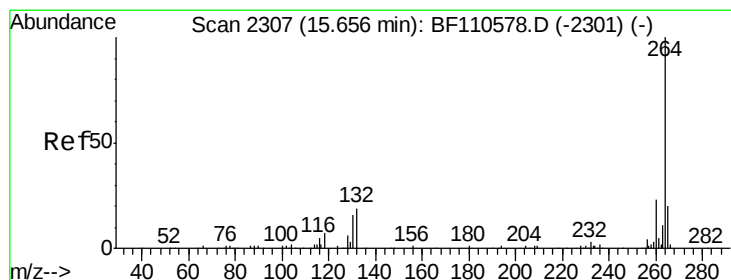
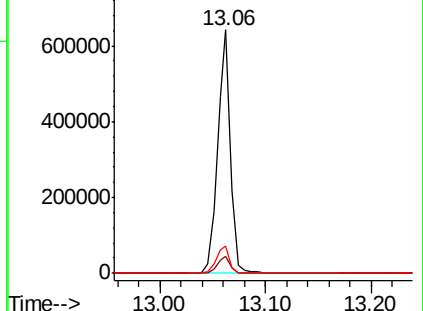
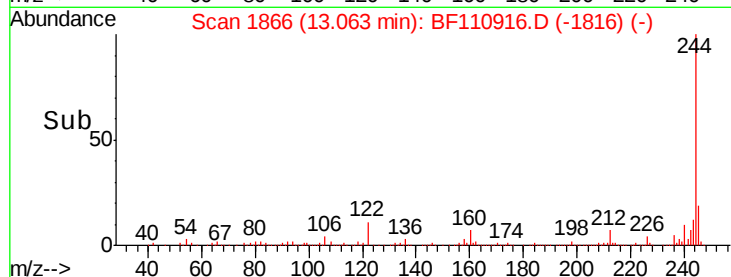
122 11.2 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

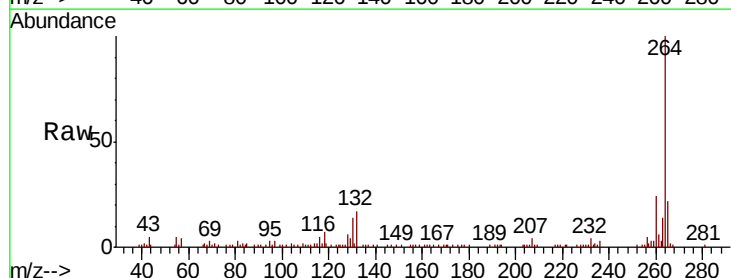
Tgt Ion:264 Resp: 85002

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.2 16.7 25.1



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

