

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101497.D
 Acq On : 18 Dec 2017 22:45
 Operator : SJ/JU
 Sample : I6888-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(75-77)

Quant Time: Dec 19 06:50:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

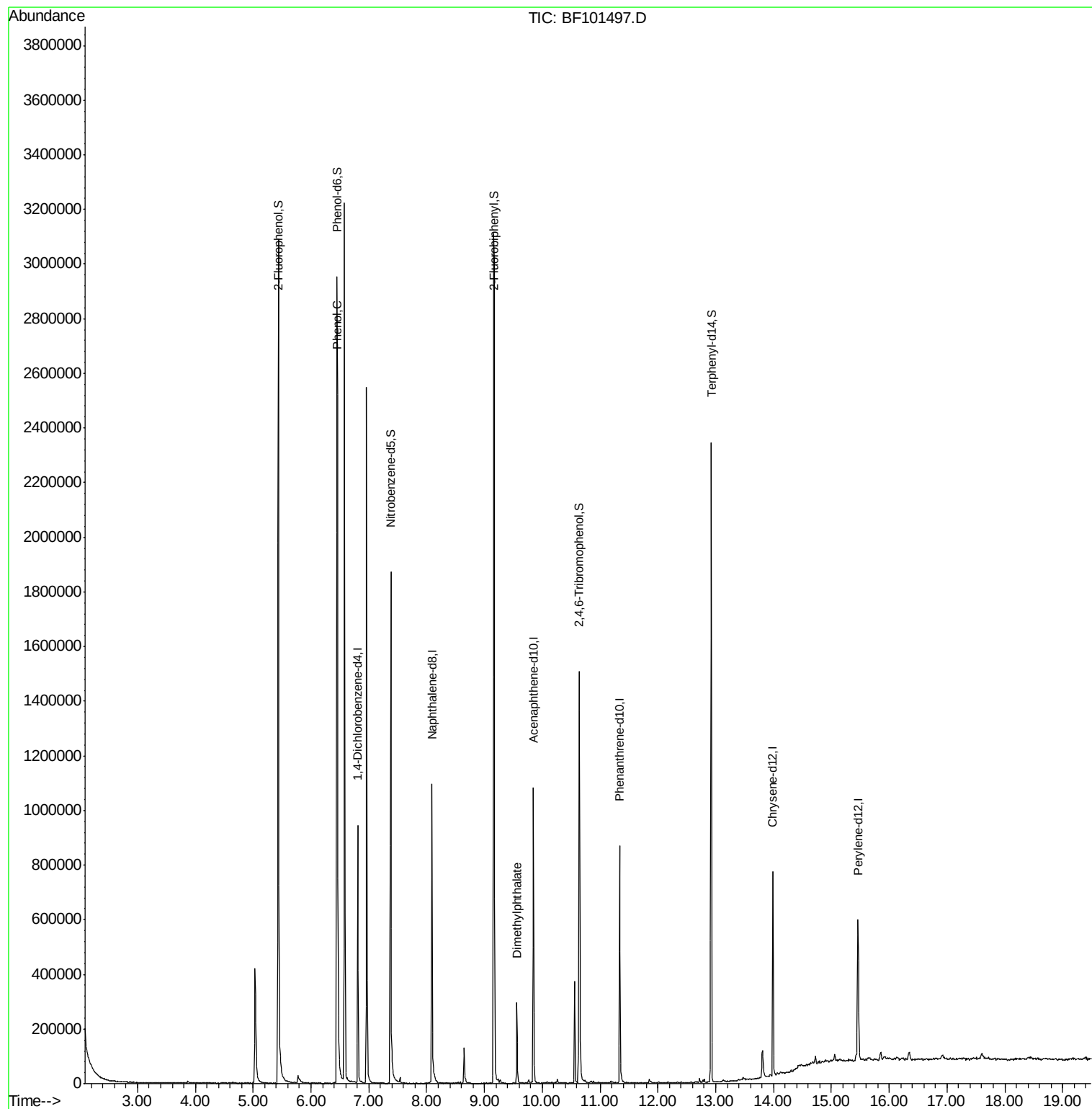
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145889	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	556505	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	216123	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	340735	20.00	ng	0.00
75) Chrysene-d12	13.99	240	283458	20.00	ng	0.00
86) Perylene-d12	15.46	264	268100	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1028057	104.97	ng	0.01
7) Phenol-d6	6.45	99	1230087	100.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	716526	71.67	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	214454	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1118573	80.29	ng	0.00
78) Terphenyl-d14	12.92	244	783181	66.61	ng	0.00
Target Compounds						
10) Phenol	6.46	94	70385	5.066	ng	94
49) Dimethylphthalate	9.56	163	130420	7.502	ng	99

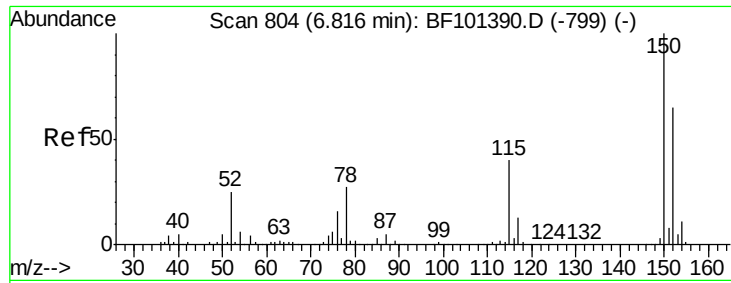
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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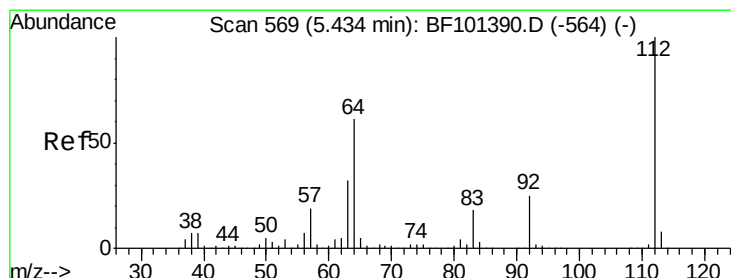
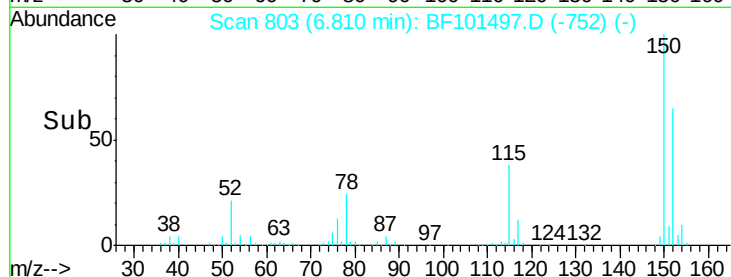
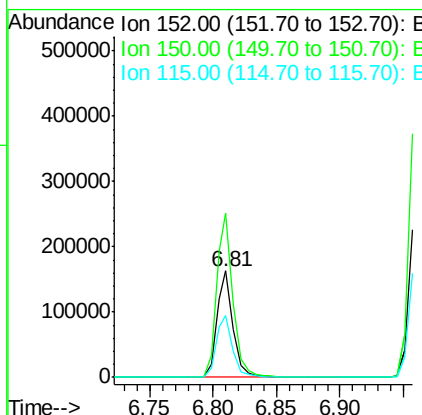
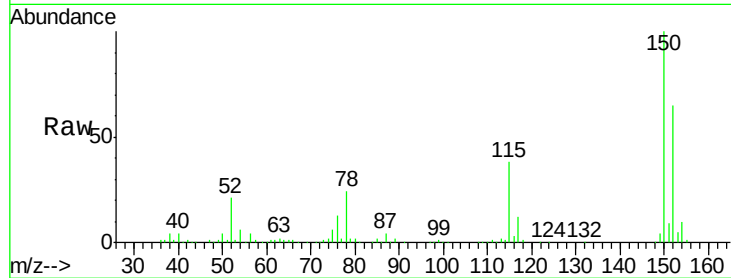




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101497.D
 Acq: 18 Dec 2017 22:45

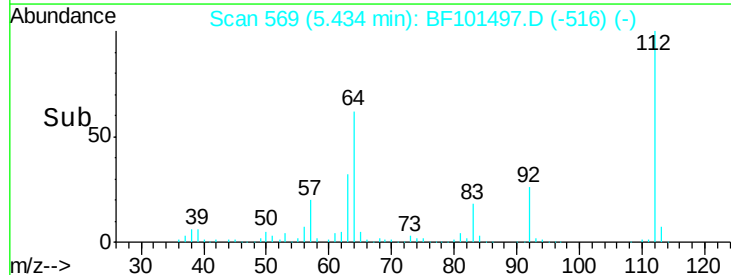
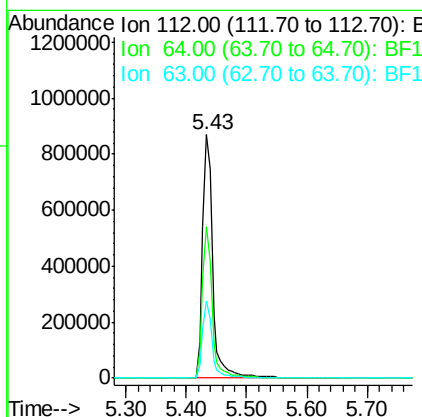
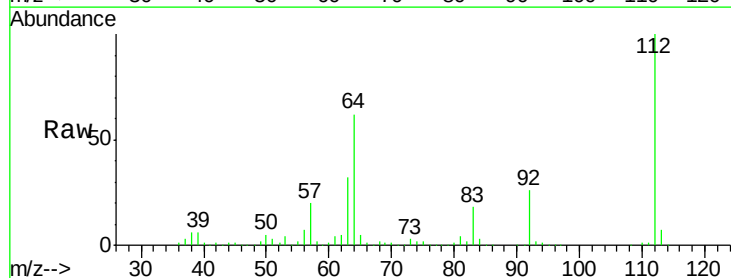
Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(75-77)

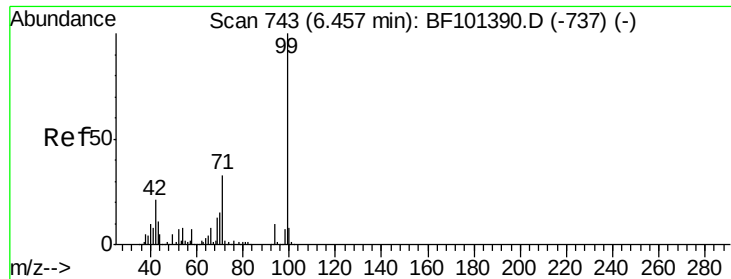
Tgt Ion:152 Resp: 145889
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 58.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 104.968 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101497.D
 Acq: 18 Dec 2017 22:45

Tgt Ion:112 Resp: 1028057
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 100.918 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(75-77)

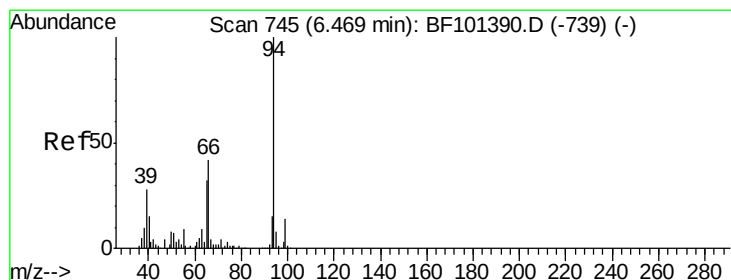
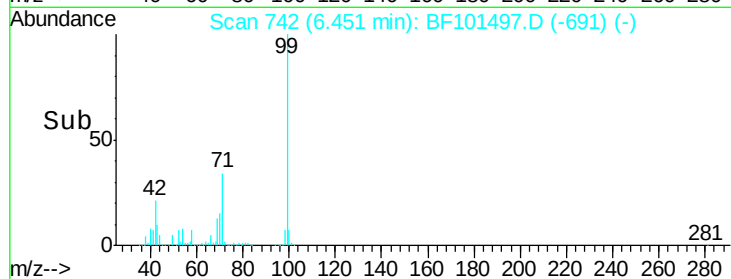
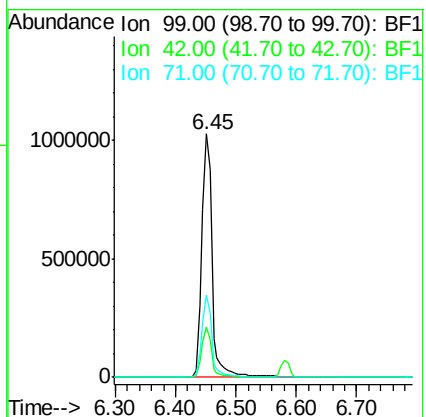
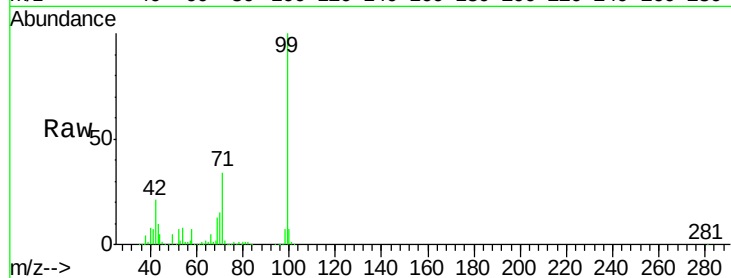
Tgt Ion: 99 Resp: 1230087

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 5.066 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

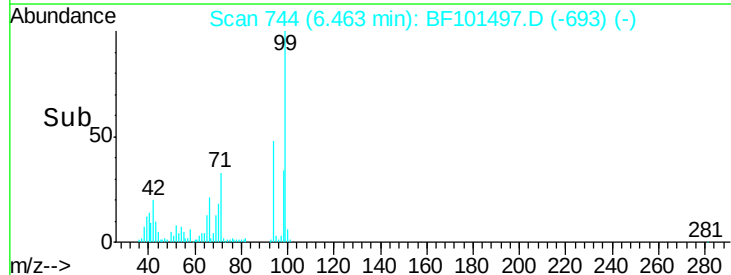
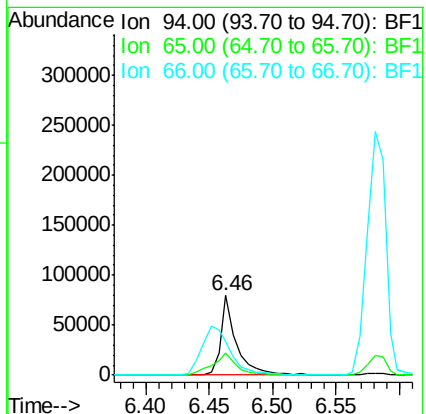
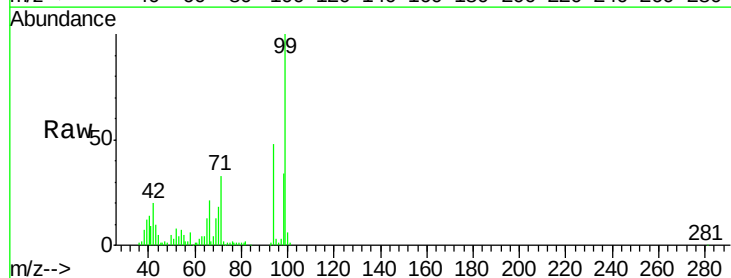
Tgt Ion: 94 Resp: 70385

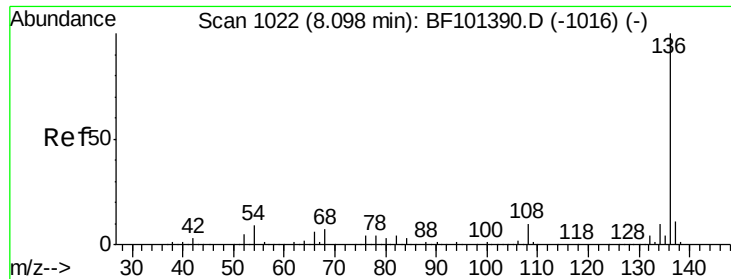
Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 42.8 16.2 56.2

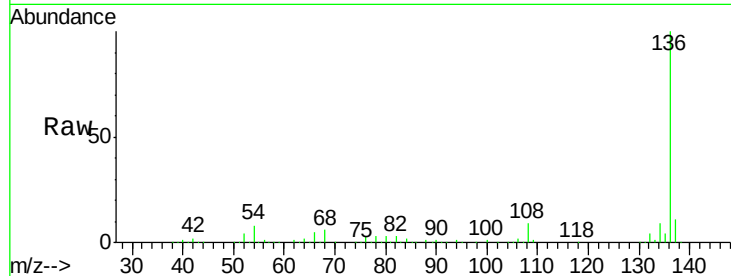




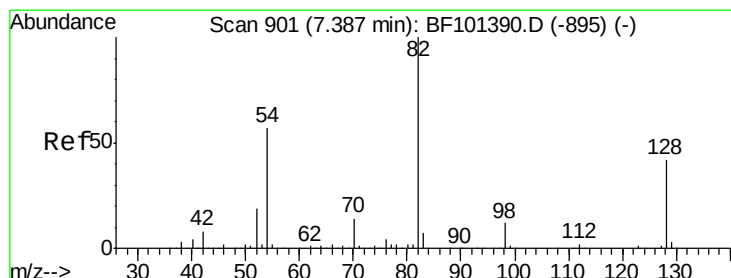
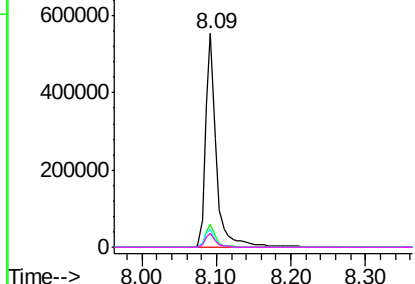
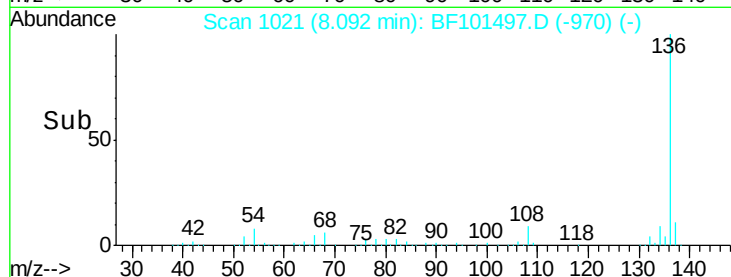
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tgt Ion:	136	Resp:	556505
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

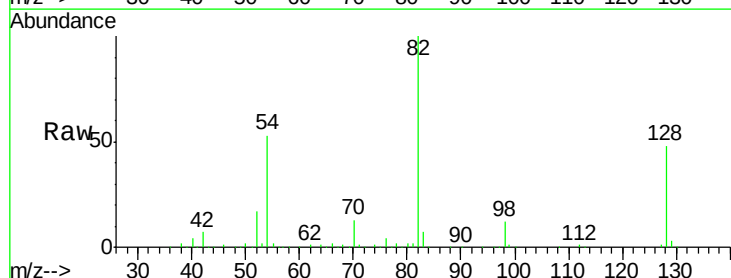


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

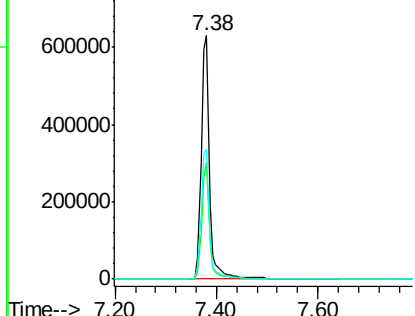
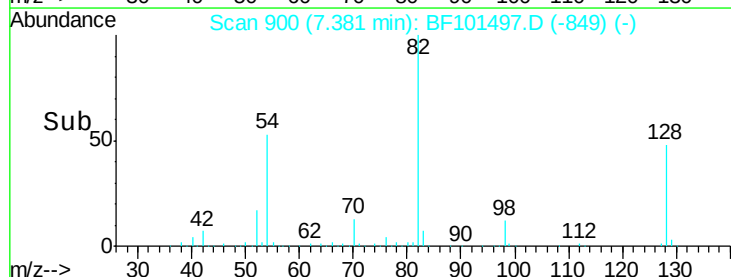


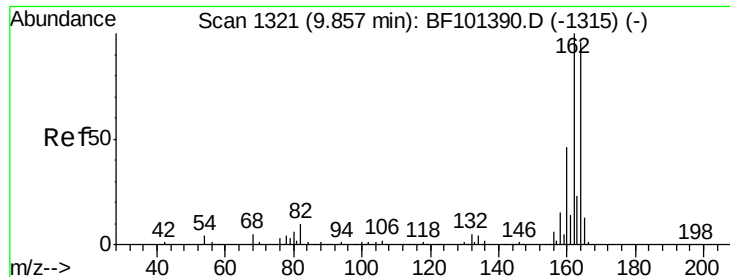
#23
Nitrobenzene-d5
Concen: 71.672 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:	82	Resp:	716526
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	53.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

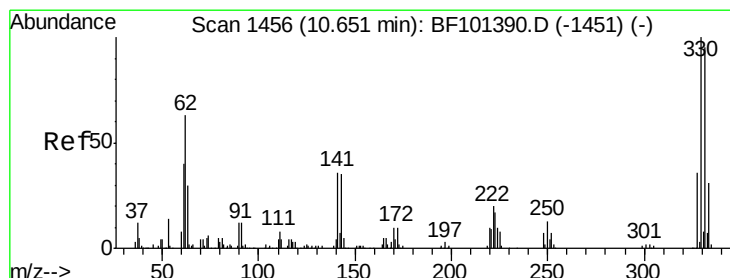
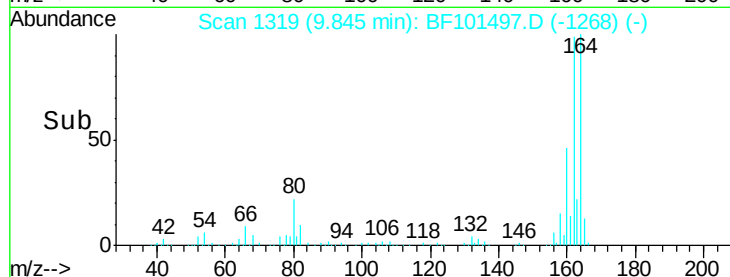
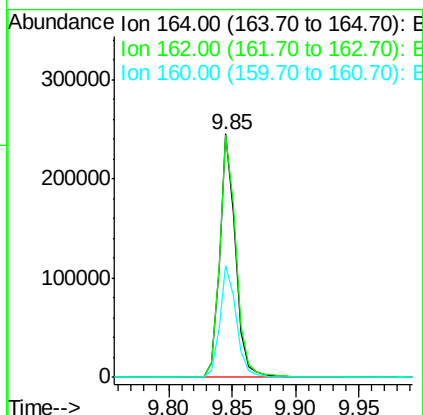
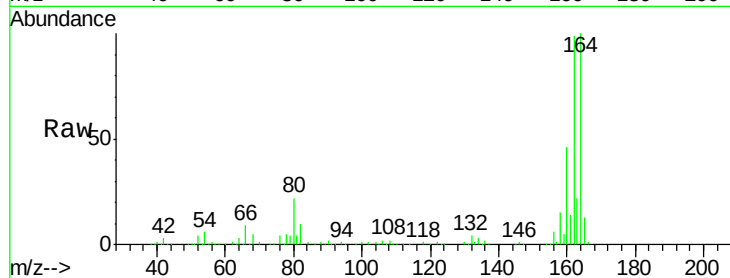




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

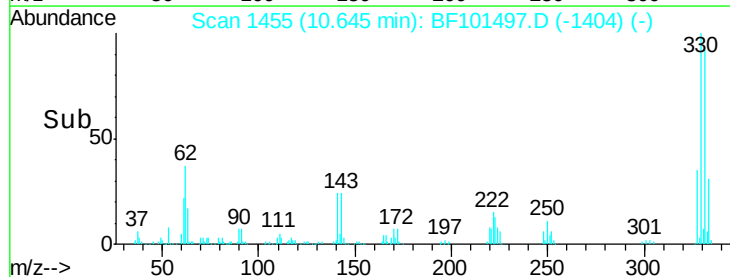
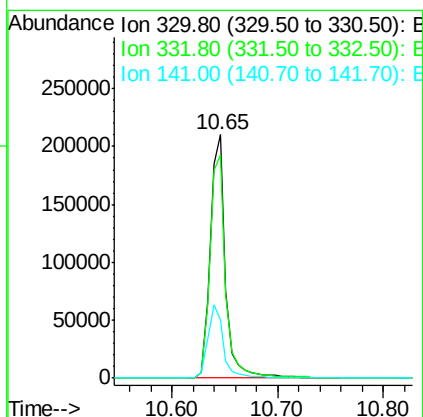
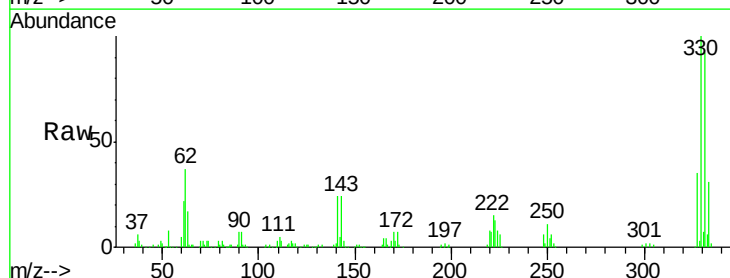
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EPE-122-2(75-77)

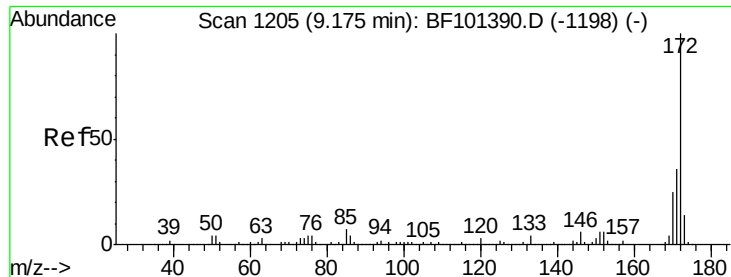
Tgt Ion:164 Resp: 216123
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 102.978 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:330 Resp: 214454
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 30.5 29.9 44.9

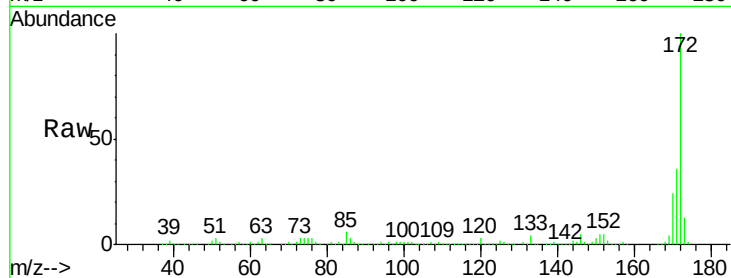




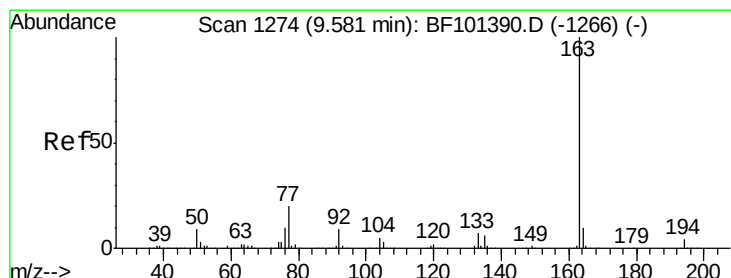
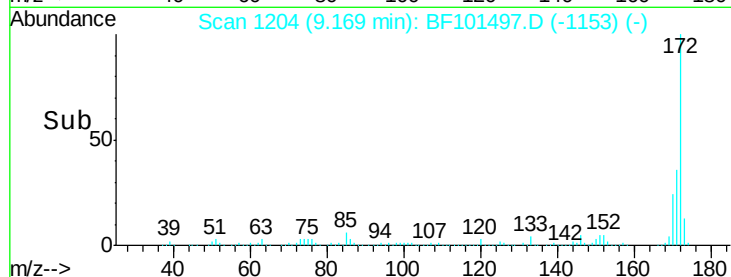
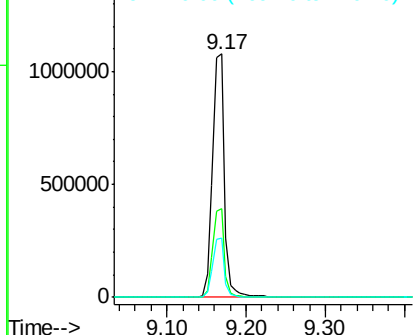
#44
2-Fluorobiphenyl
Concen: 80.287 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tgt Ion:172 Resp: 1118573
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

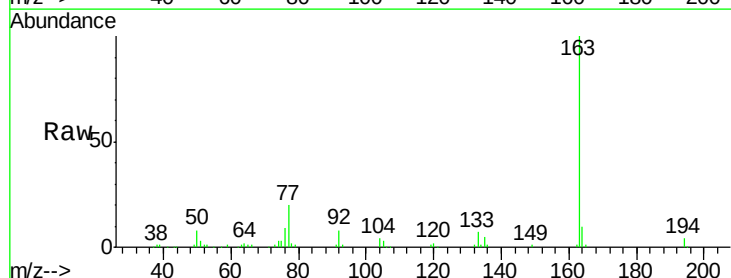


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

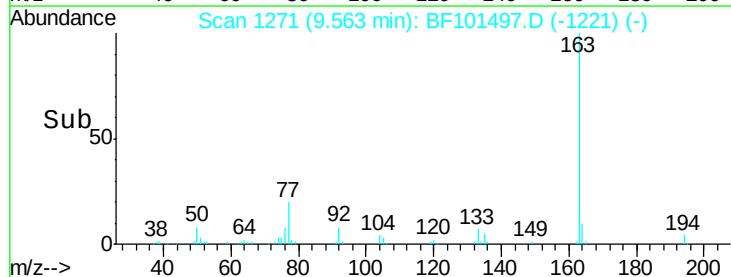
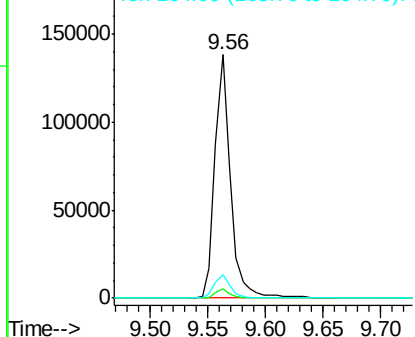


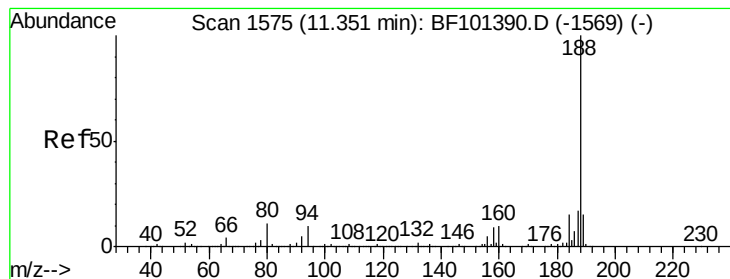
#49
Dimethylphthalate
Concen: 7.502 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:163 Resp: 130420
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2



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: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(75-77)

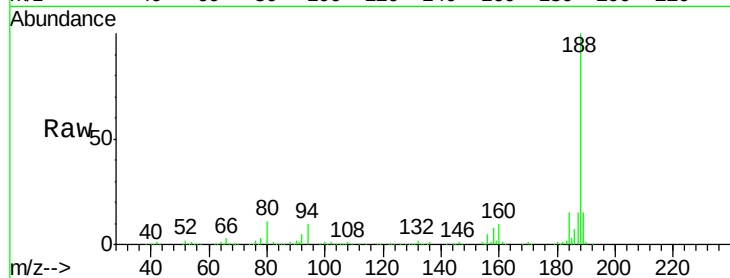
Tgt Ion:188 Resp: 340735

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

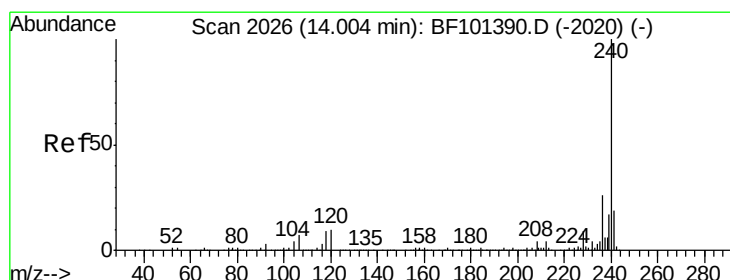
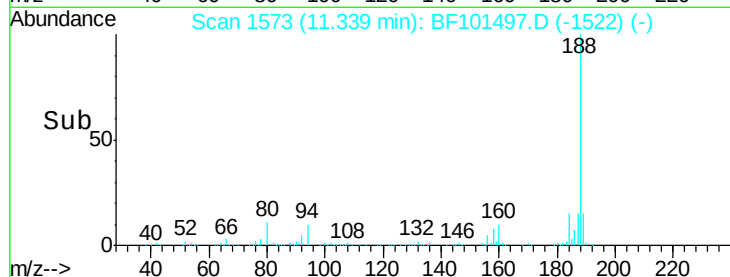
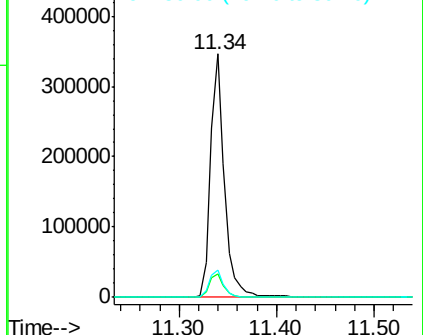
80 11.0 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

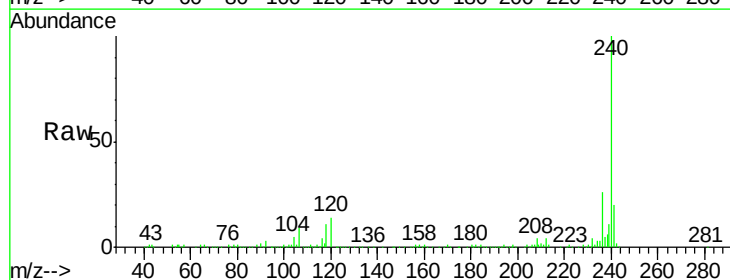
Tgt Ion:240 Resp: 283458

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

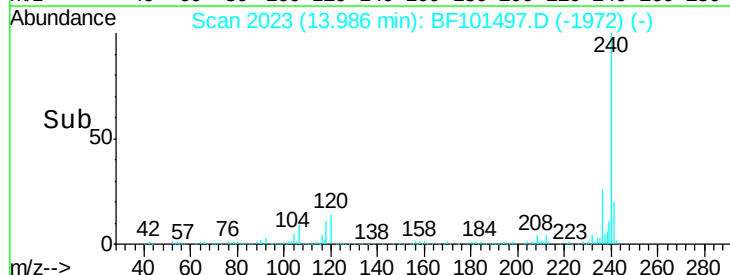
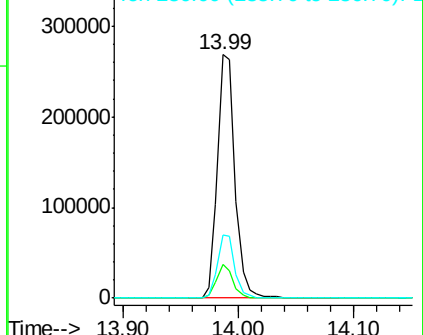
236 26.0 20.7 31.1

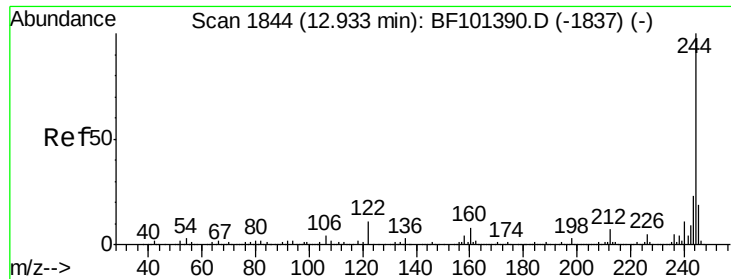


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.608 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

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EPE-122-2(75-77)

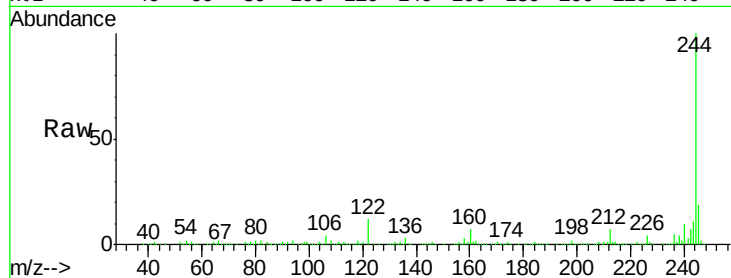
Tgt Ion:244 Resp: 783181

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

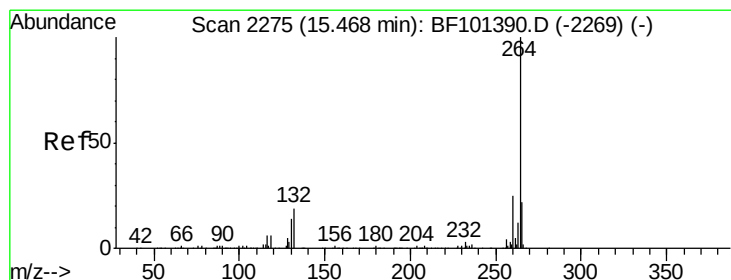
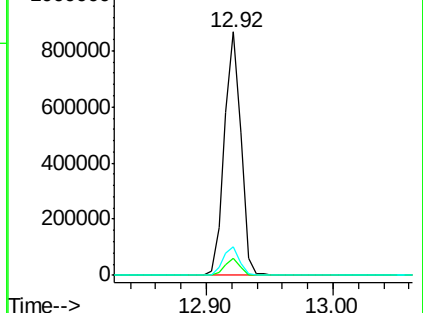
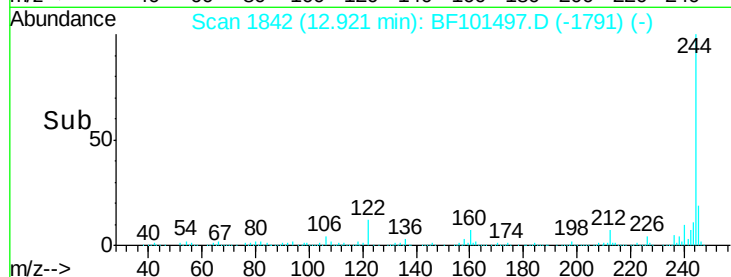
122 11.7 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

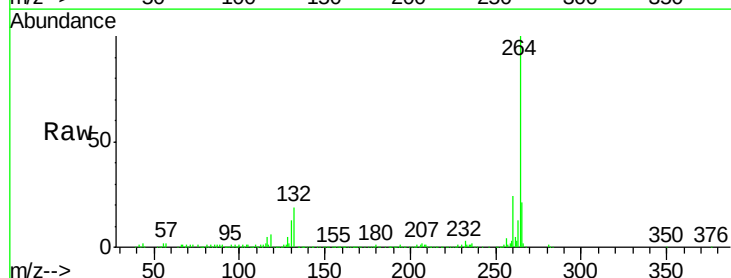
Tgt Ion:264 Resp: 268100

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

