

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111909.D
 Acq On : 8 Jan 2019 16:14
 Operator : JU/SJ
 Sample : K1075-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-4

Quant Time: Jan 08 18:16:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

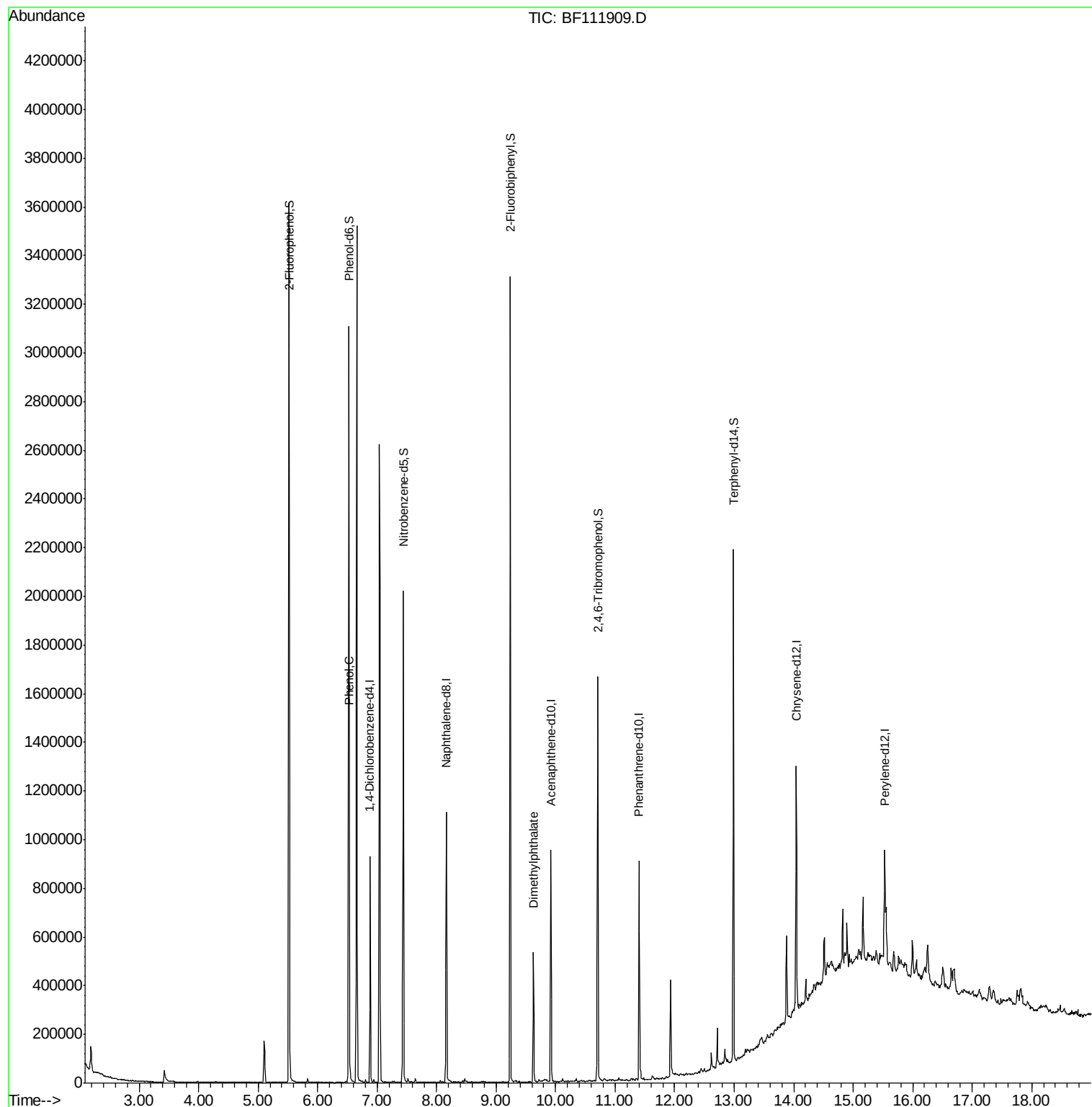
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134342	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	498769	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	179284	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	310782	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	328953	20.00	ng	-0.01
87) Perylene-d12	15.53	264	229018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	932769	118.79	ng	0.00
7) Phenol-d6	6.53	99	1020072	100.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	669052	71.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	198378	85.07	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	919390	74.78	ng	-0.01
79) Terphenyl-d14	12.99	244	720674	41.59	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	52313	4.756	ng	Qvalue # 73
50) Dimethylphthalate	9.63	163	185411	13.767	ng	98

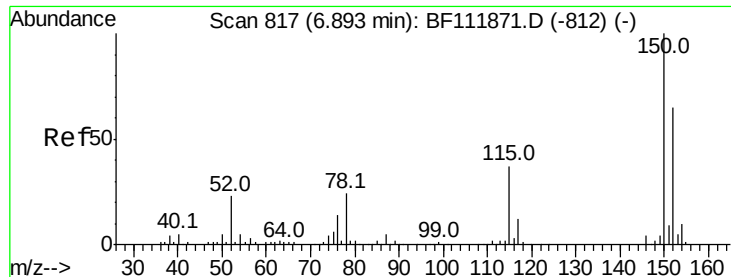
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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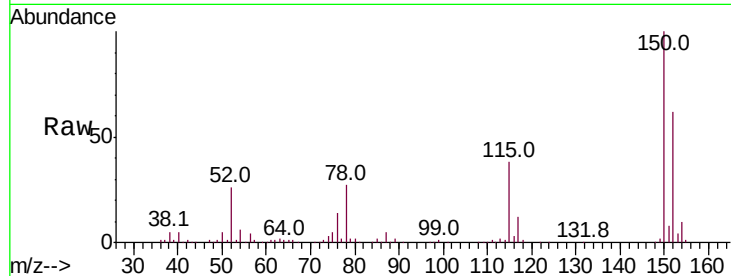


#1

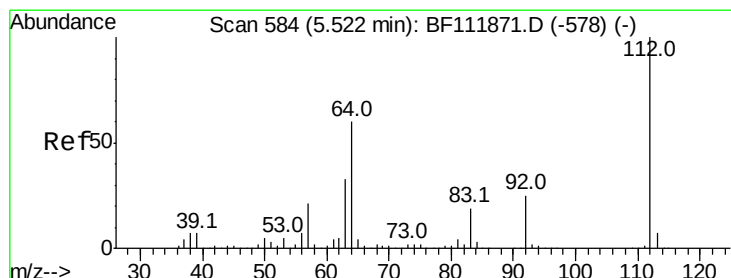
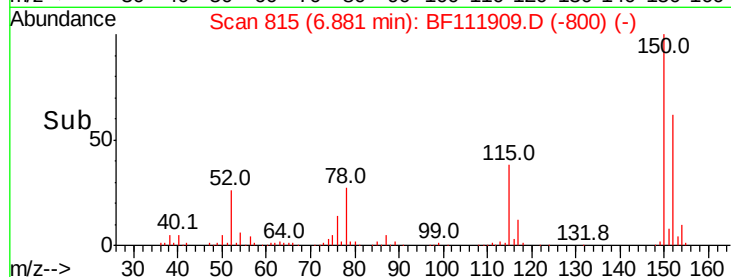
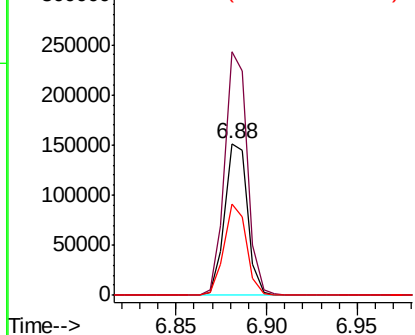
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :
BASIN-4

Tot Ion:152 Resp: 134342
Ion Ratio Lower Upper
152 100
150 160.5 122.7 184.1
115 60.4 45.2 67.8



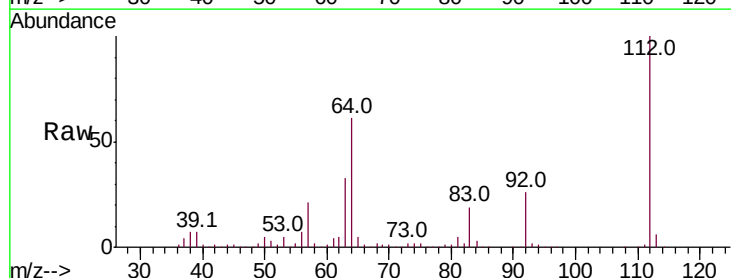
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



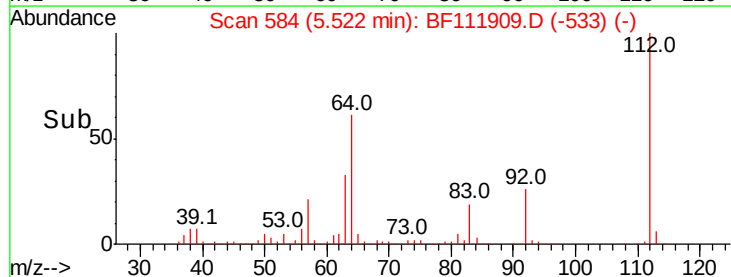
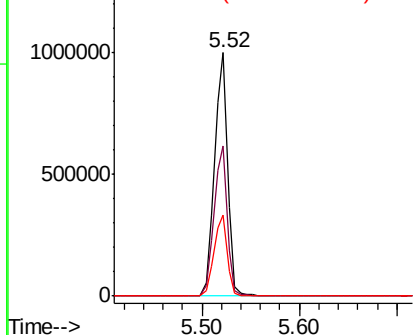
#5

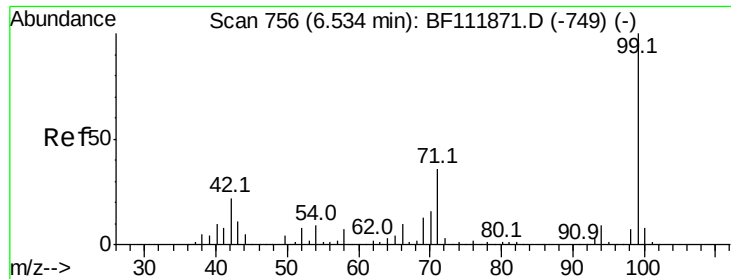
2-Fluorophenol
Concen: 118.786 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:112 Resp: 932769
Ion Ratio Lower Upper
112 100
64 61.5 48.3 72.5
63 33.1 26.1 39.1



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: 100.788 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

Instrument :

BNA_F

ClientSampled :

BASIN-4

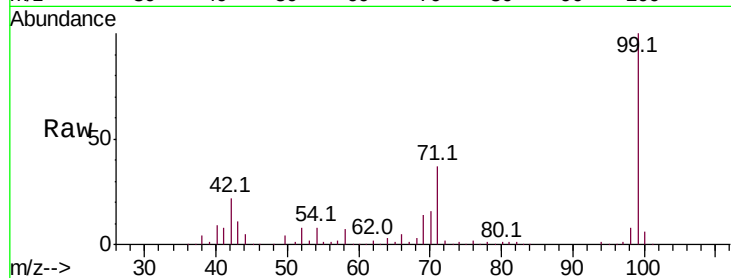
Tot Ion: 99 Resp: 1020072

Ion Ratio Lower Upper

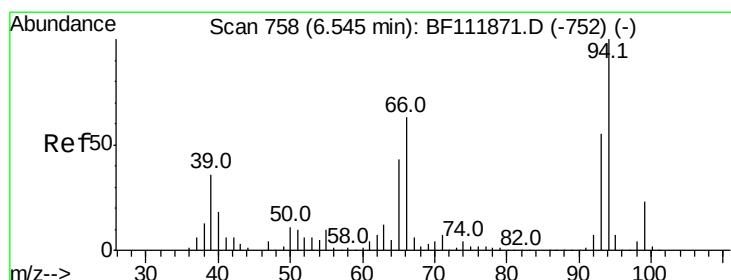
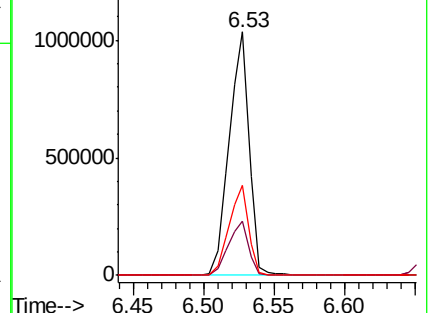
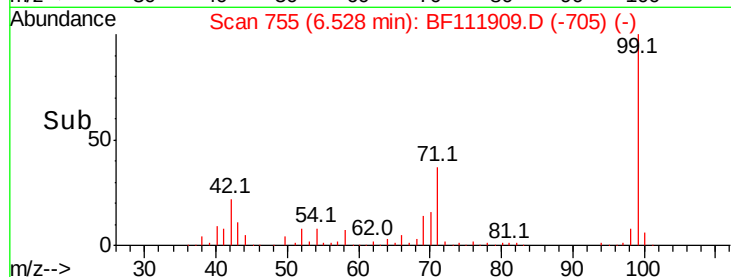
99 100

42 22.1 17.9 26.9

71 37.1 28.7 43.1



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: 4.756 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

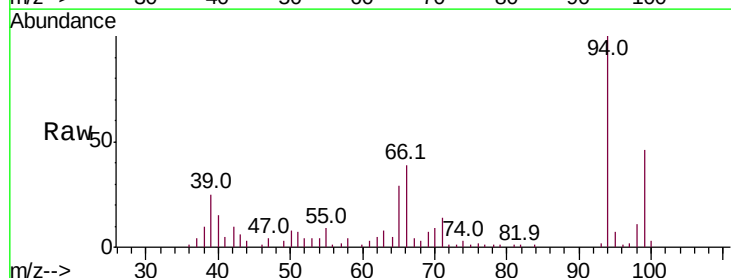
Tgt Ion: 94 Resp: 52313

Ion Ratio Lower Upper

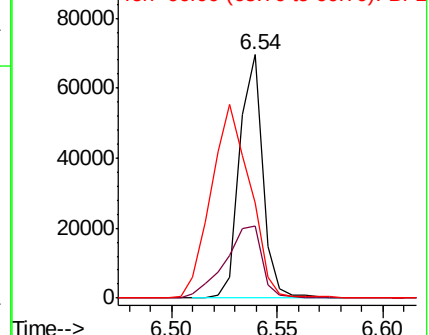
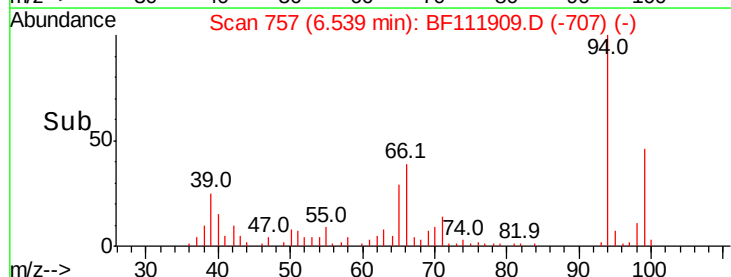
94 100

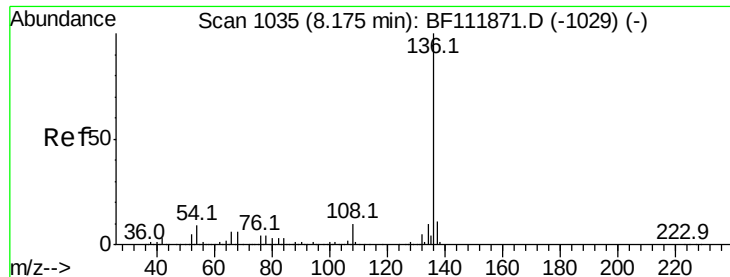
65 29.4 22.8 62.8

66 39.3 43.3 83.3#



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

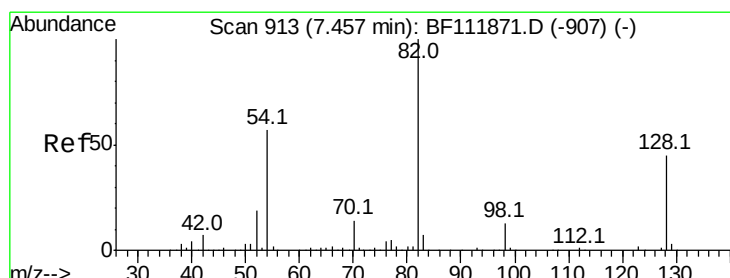
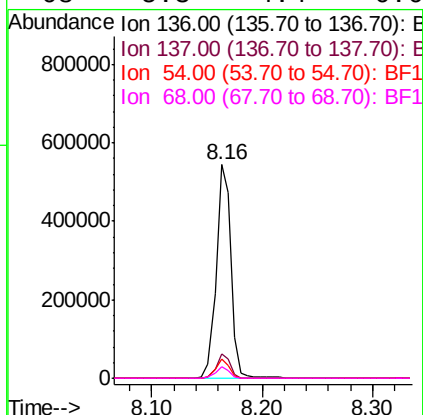
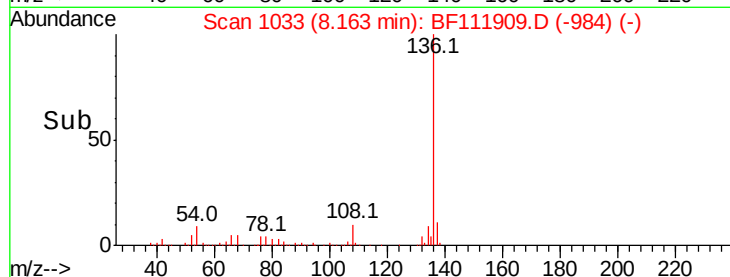
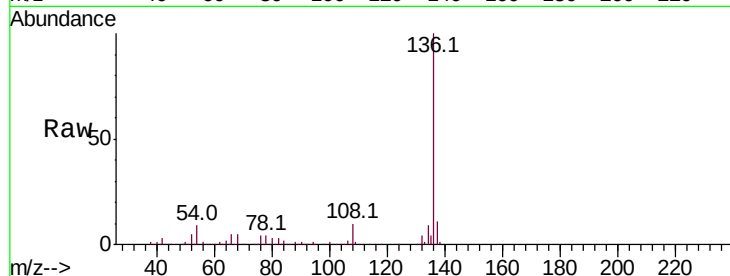




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

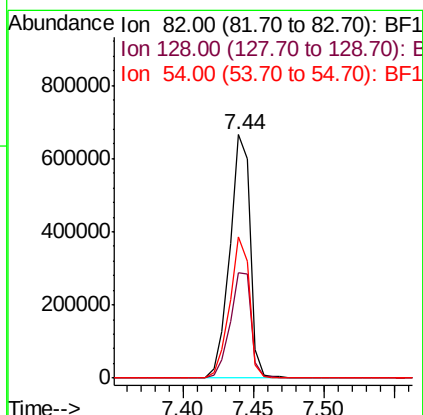
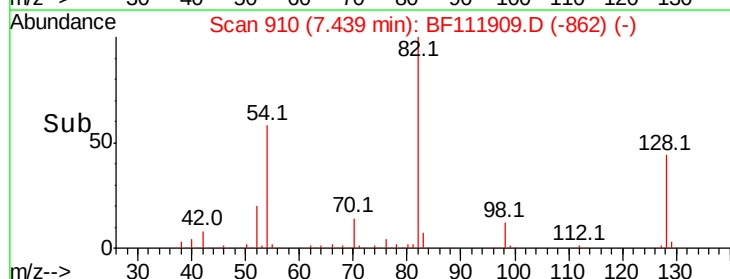
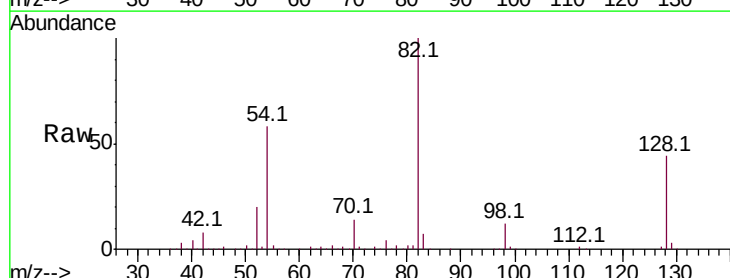
Instrument :
BNA_F
ClientSampleId :
BASIN-4

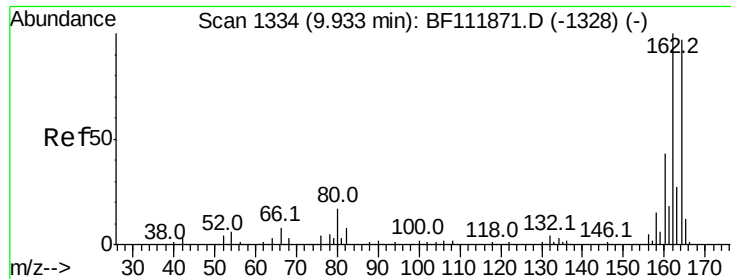
Tot Ion:136	Resp:	498769
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	9.1	7.2 10.8
68	5.3	4.4 6.6



#23
Nitrobenzene-d5
Concen: 71.692 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion: 82	Resp:	669052
Ion	Ratio	Lower Upper
82	100	
128	43.5	35.7 53.5
54	58.0	45.8 68.8

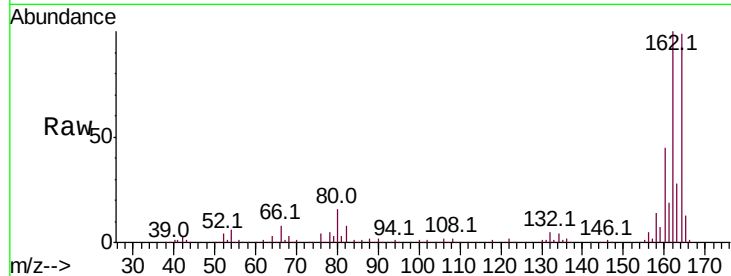




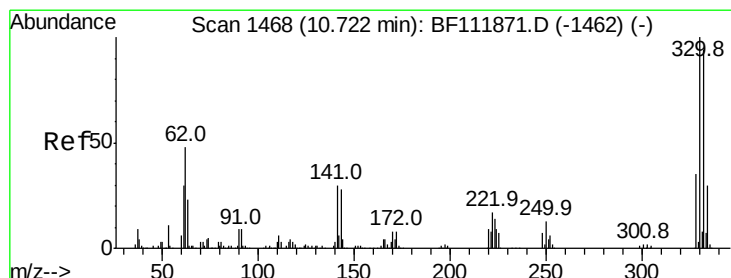
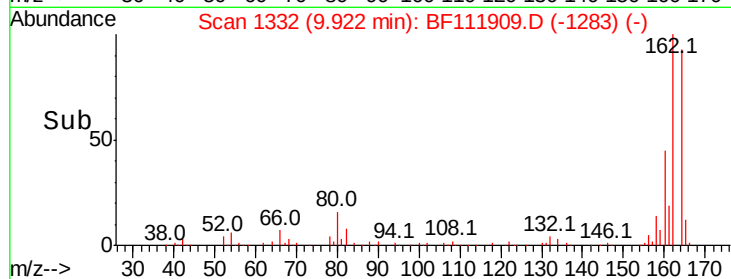
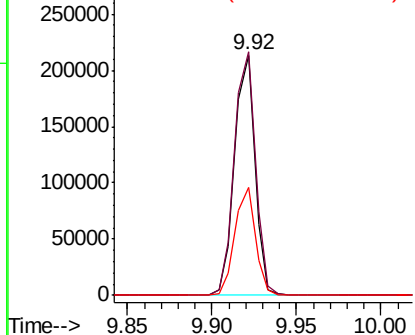
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :
BASIN-4

Tot Ion:164 Resp: 179284
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.2 35.5 53.3

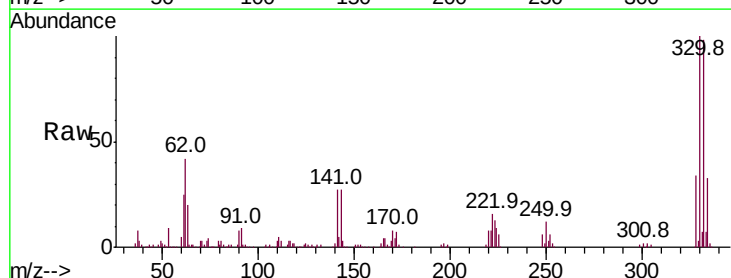


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

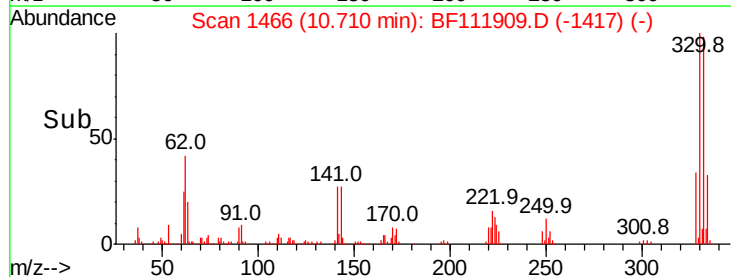
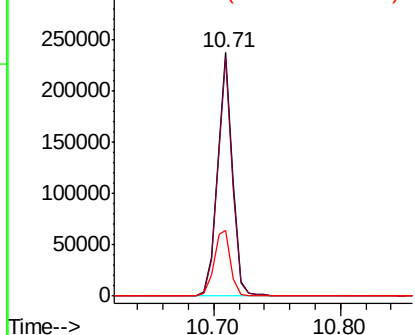


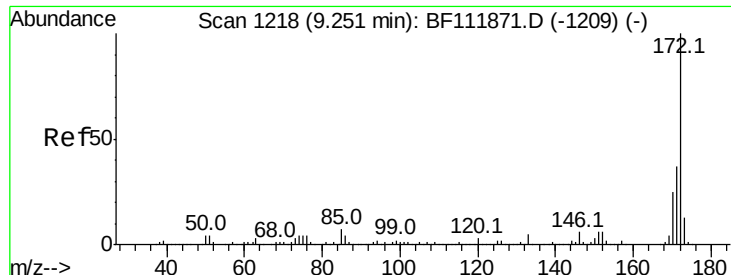
#42
2,4,6-Tribromophenol
Concen: 85.070 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:330 Resp: 198378
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.2 23.7 35.5



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

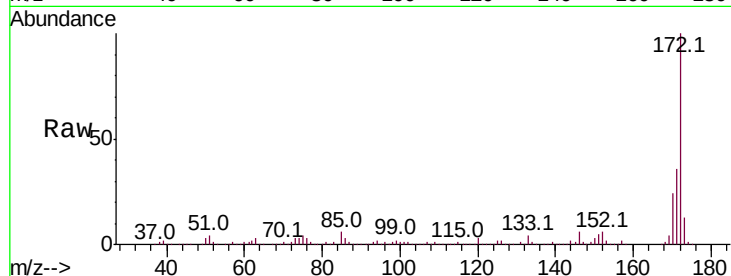




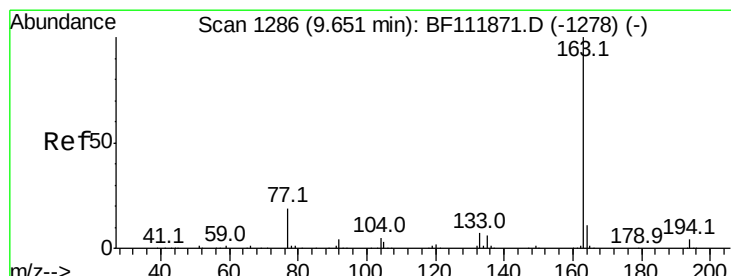
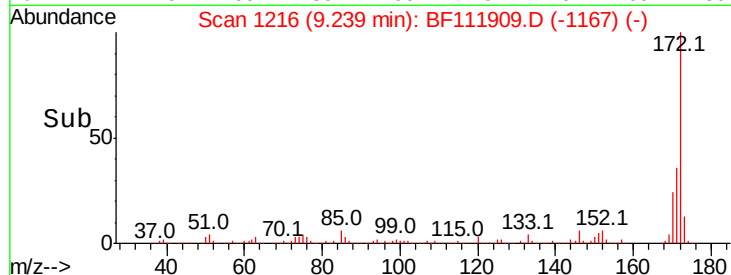
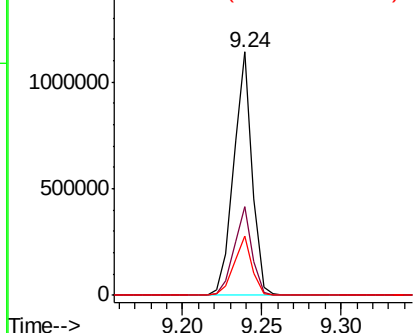
#45
2-Fluorobiphenyl
Concen: 74.778 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :
BASIN-4

Tot Ion:172 Resp: 919390
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8

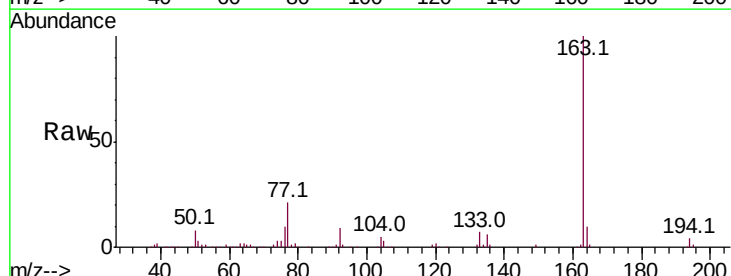


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

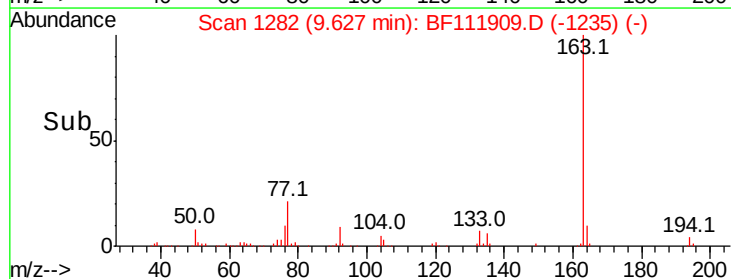
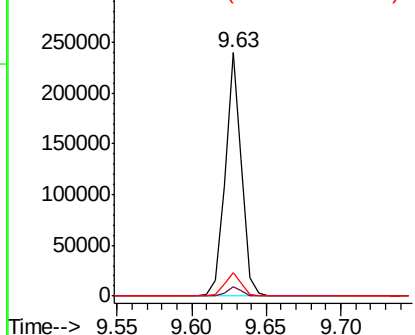


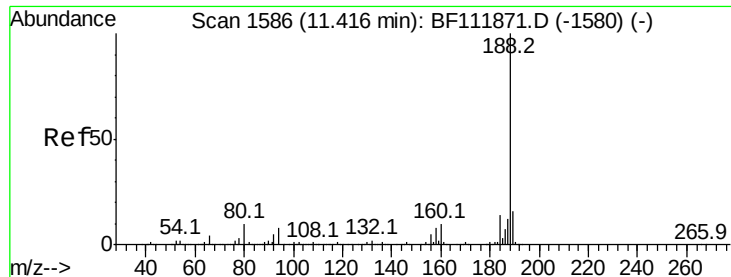
#50
Dimethylphthalate
Concen: 13.767 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:163 Resp: 185411
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.8 8.5 12.7



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

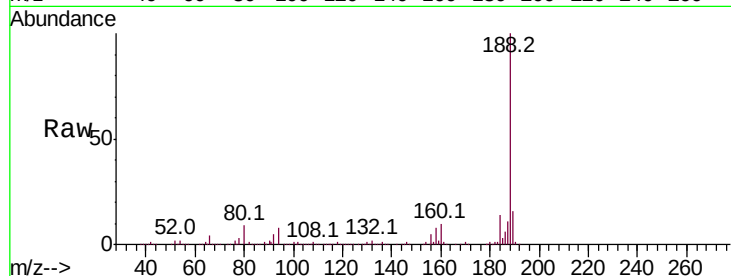




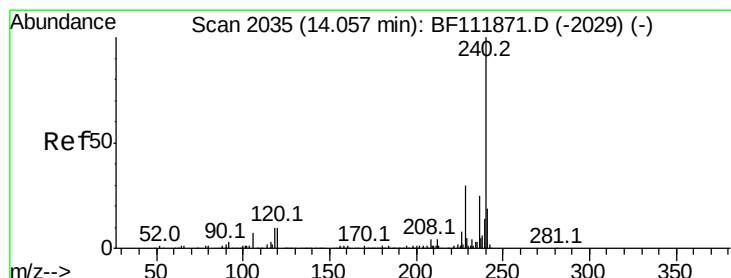
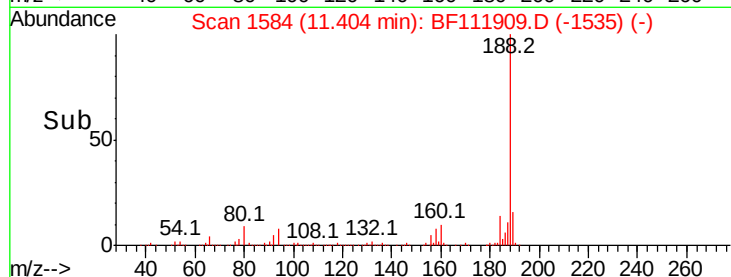
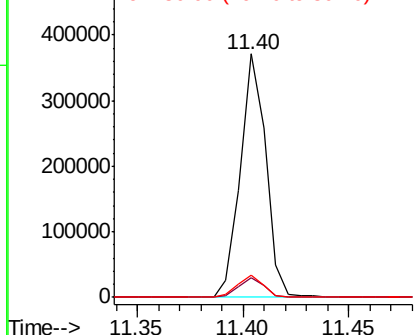
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampled :
BASIN-4

Tot Ion:188 Resp: 310782
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.3 7.7 11.5

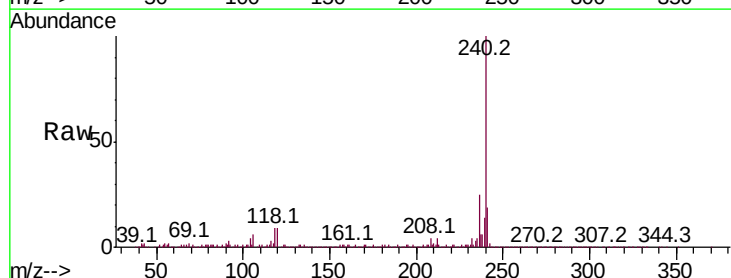


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

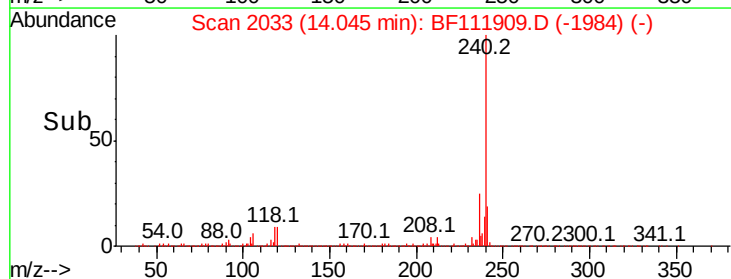
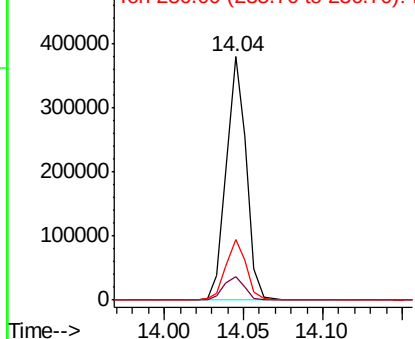


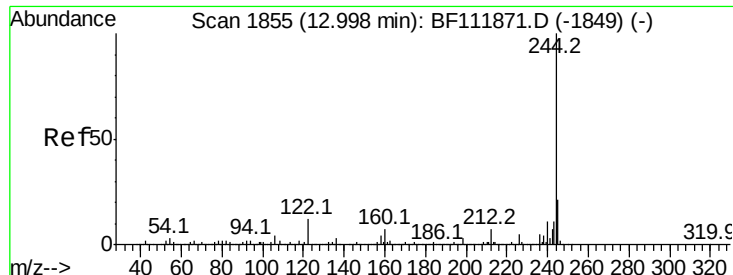
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:240 Resp: 328953
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.8 20.2 30.4



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: 41.586 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

Instrument :

BNA_F

ClientSampled :

BASIN-4

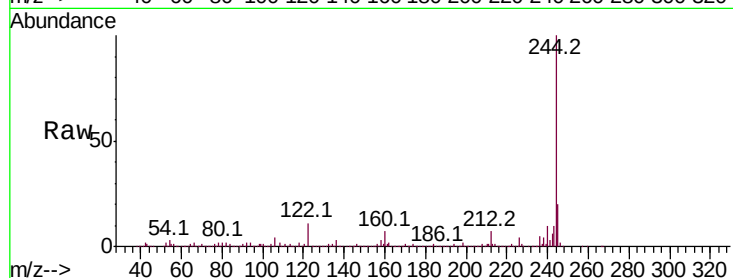
Tot Ion:244 Resp: 720674

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

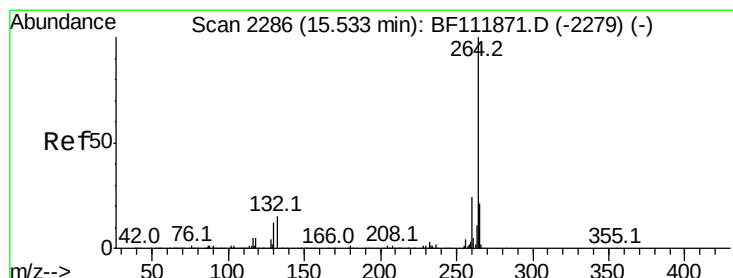
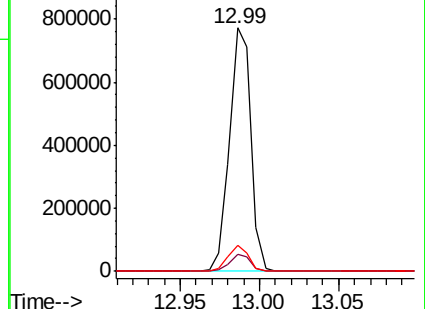
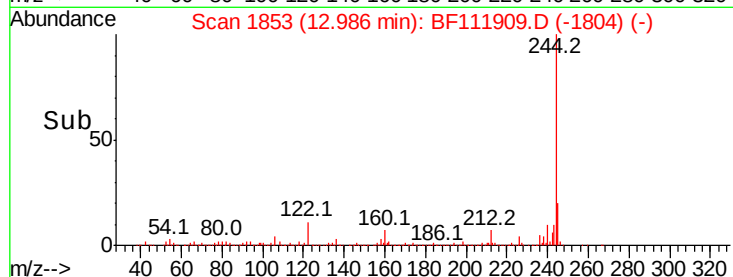
122 10.9 9.5 14.3



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: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

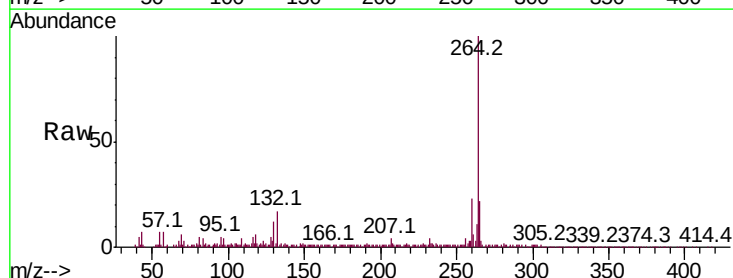
Tgt Ion:264 Resp: 229018

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 17.1 25.7



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

