

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111916.D
 Acq On : 8 Jan 2019 19:23
 Operator : JU/SJ
 Sample : K1074-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-6

Quant Time: Jan 09 01:13:11 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

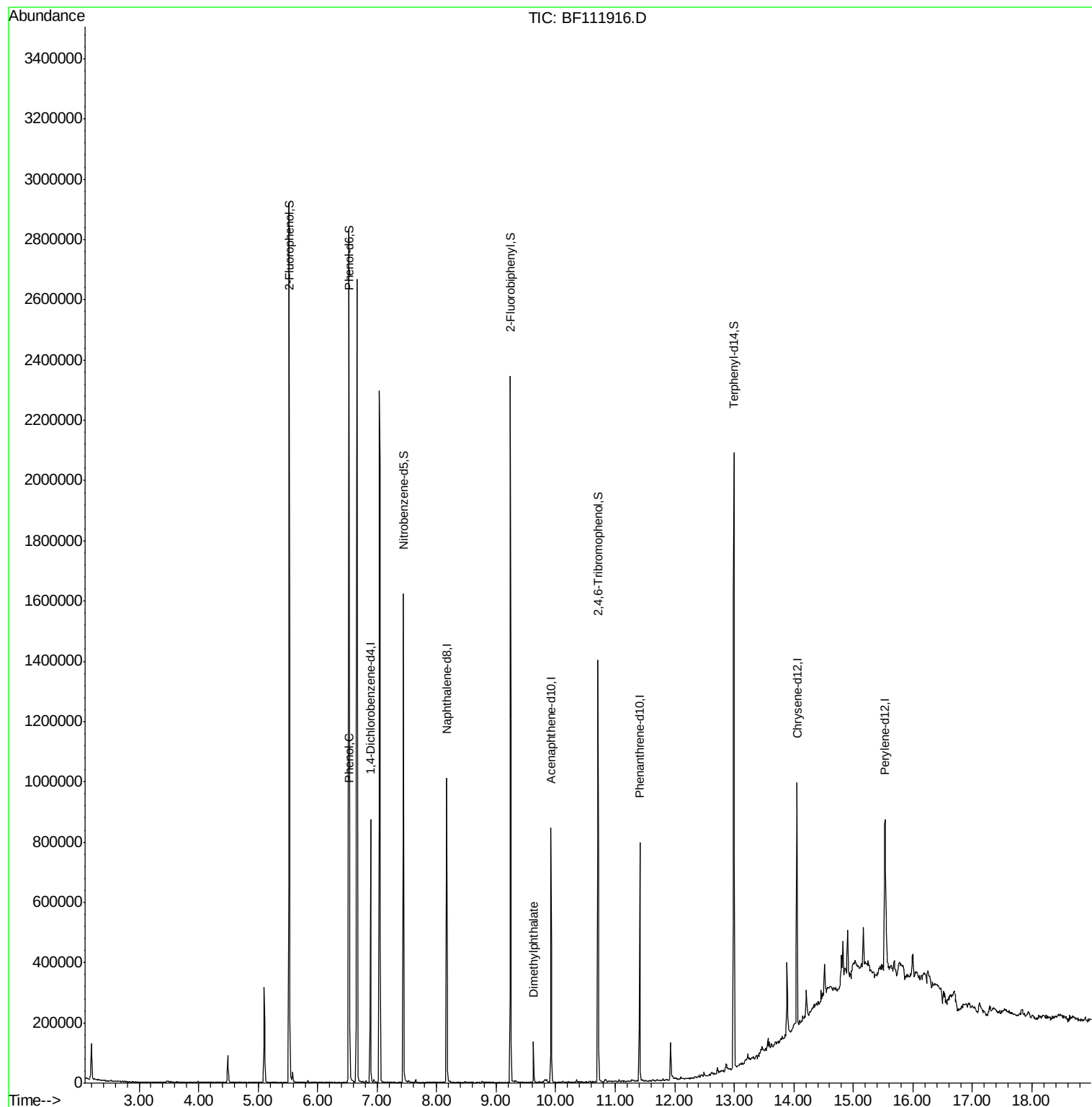
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119053	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	448112	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	151068	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	281495	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281449	20.00	ng	0.00
87) Perylene-d12	15.53	264	245231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	724611	104.13	ng	0.00
7) Phenol-d6	6.53	99	874280	97.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	525010	62.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	159872	81.36	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	664800	64.17	ng	-0.01
79) Terphenyl-d14	12.99	244	658251	44.40	ng	0.00
Target Compounds						
10) Phenol	6.54	94	30302	3.108	ng	Qvalue # 76
50) Dimethylphthalate	9.63	163	50496	4.450	ng	99

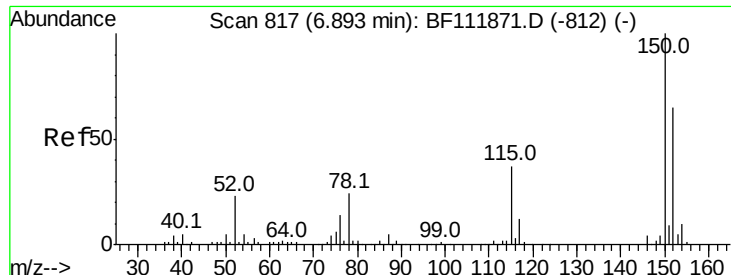
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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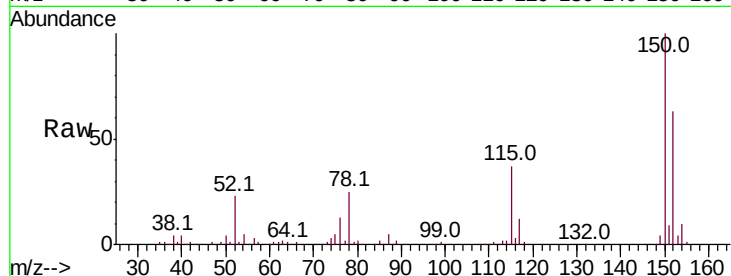


#1

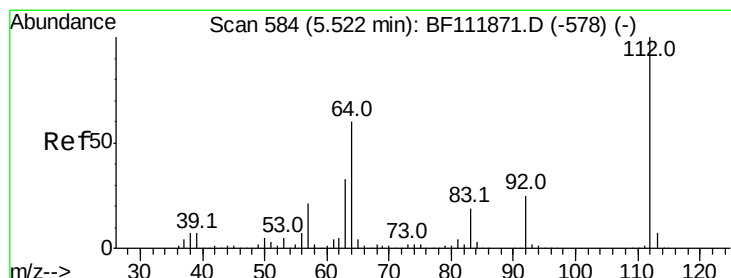
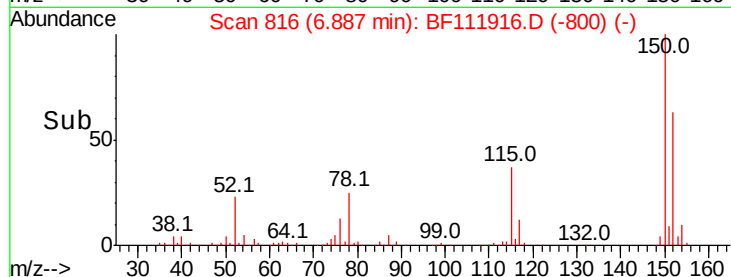
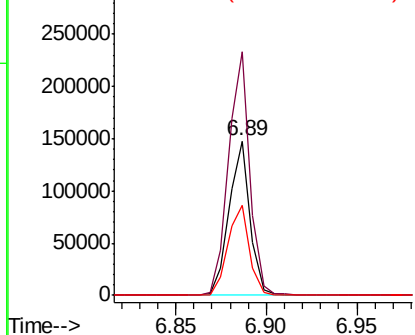
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :
W12-6

Tot Ion:152 Resp: 119053
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 58.5 45.2 67.8



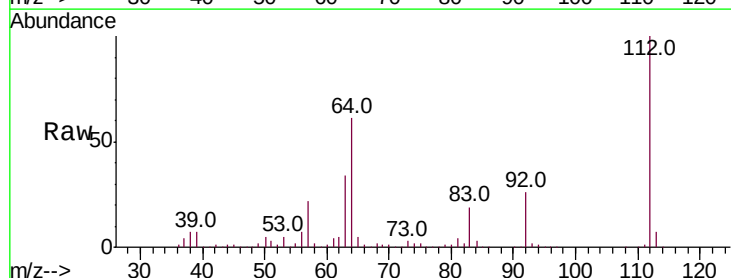
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



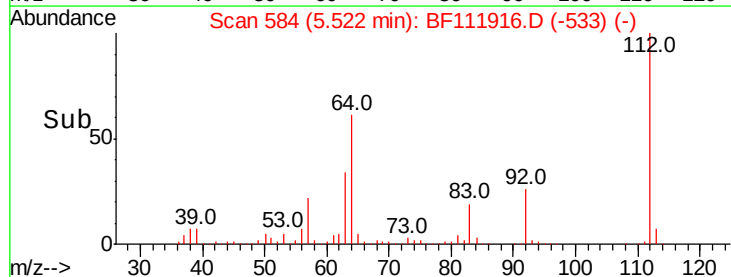
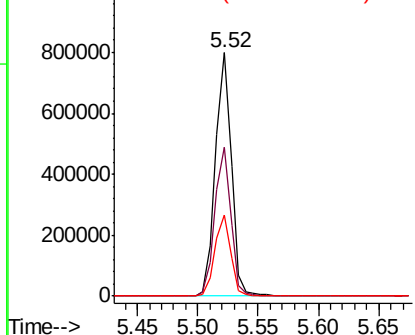
#5

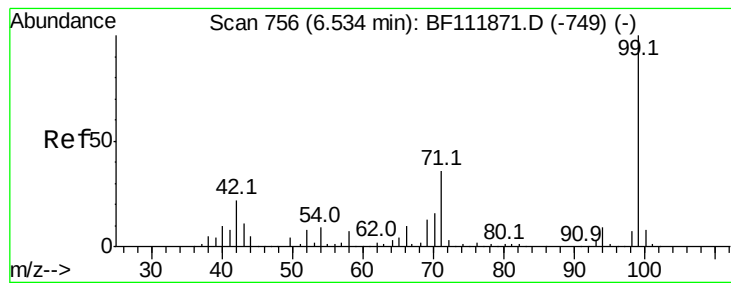
2-Fluorophenol
Concen: 104.128 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion:112 Resp: 724611
Ion Ratio Lower Upper
112 100
64 61.3 48.3 72.5
63 33.6 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: 97.477 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Instrument :

BNA_F

ClientSampleId :

W12-6

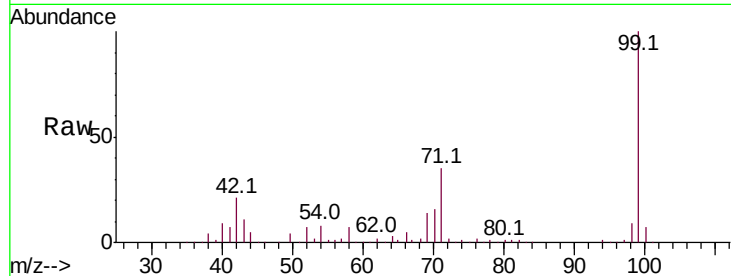
Tot Ion: 99 Resp: 874280

Ion Ratio Lower Upper

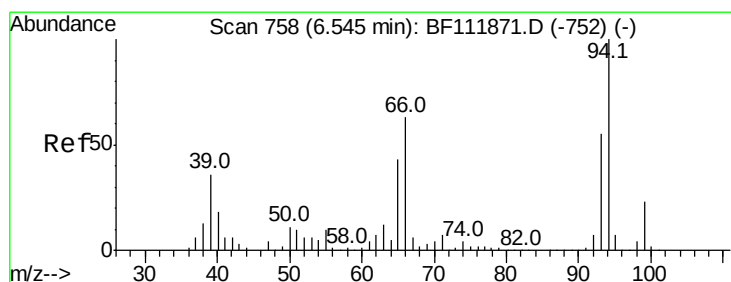
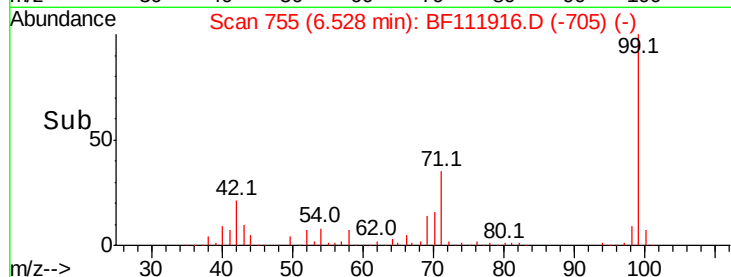
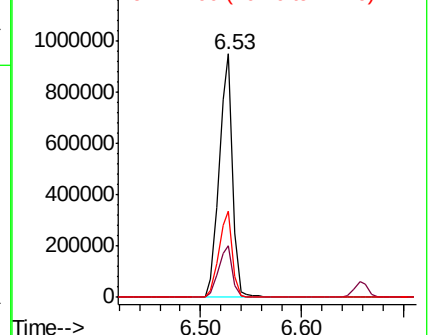
99 100

42 21.4 17.9 26.9

71 35.5 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: 3.108 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

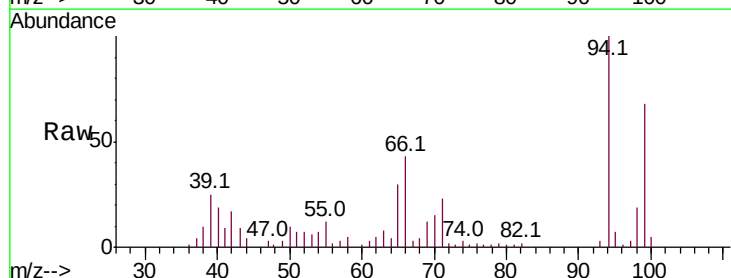
Tgt Ion: 94 Resp: 30302

Ion Ratio Lower Upper

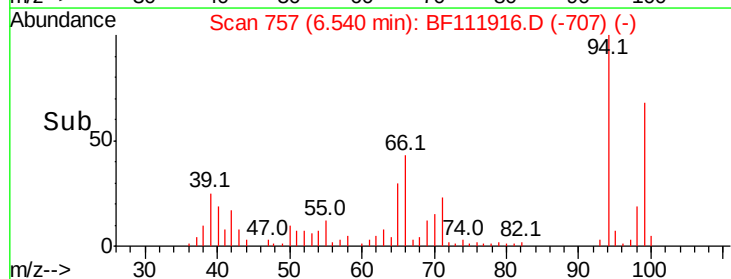
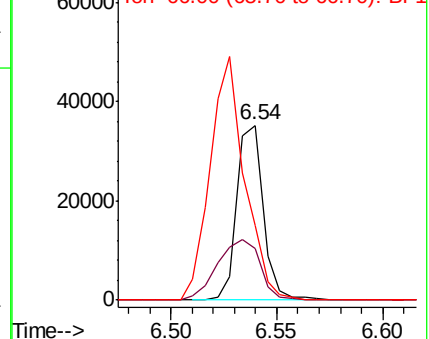
94 100

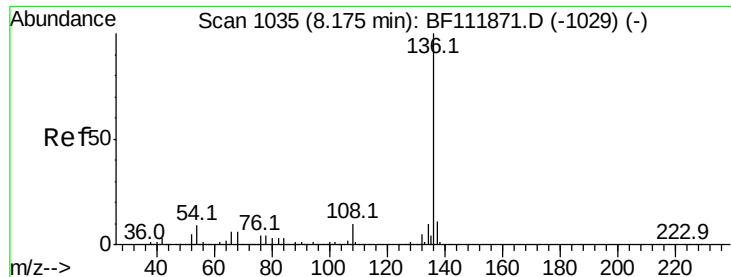
65 29.5 22.8 62.8

66 42.7 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

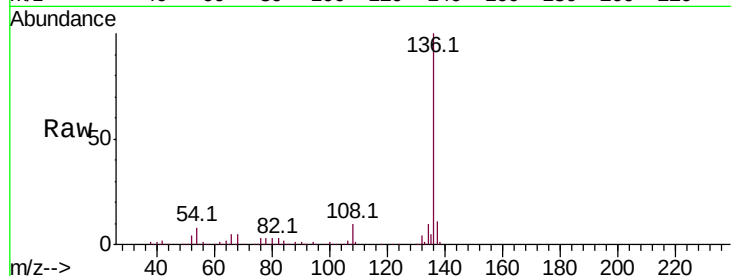




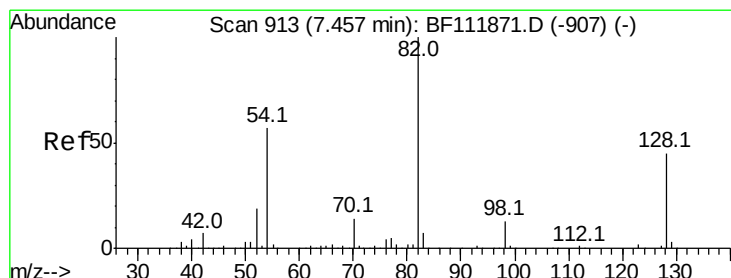
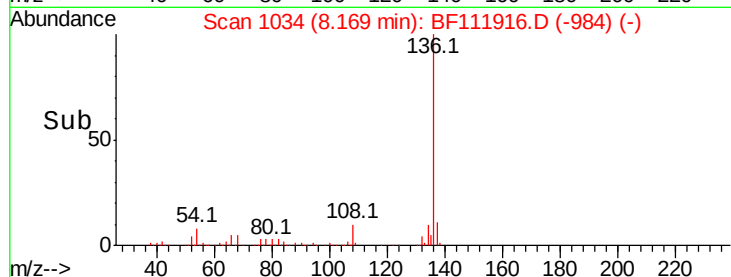
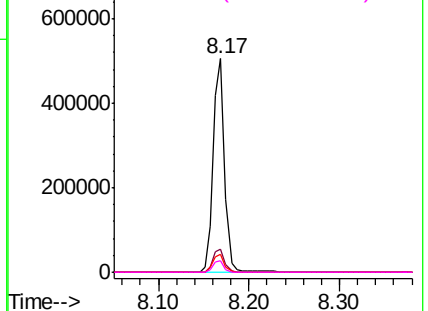
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :
W12-6

Tot Ion:136	Resp:	448112
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	8.2	7.2 10.8
68	5.1	4.4 6.6

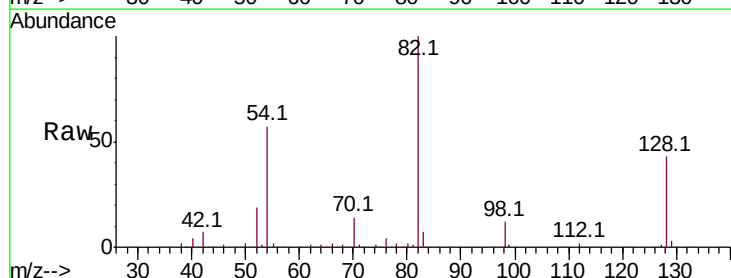


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

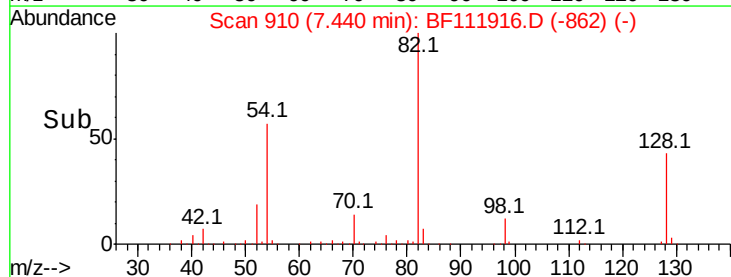
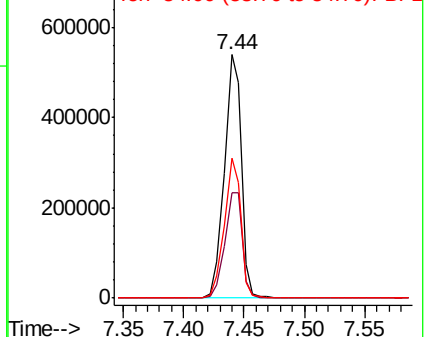


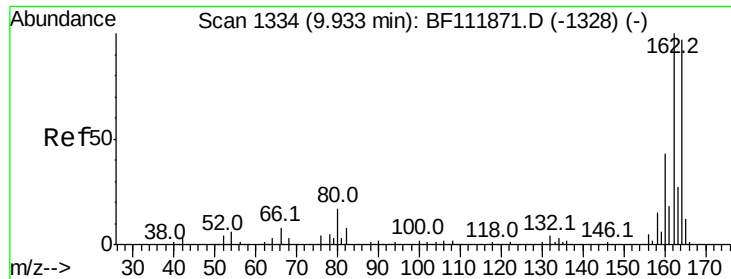
#23
Nitrobenzene-d5
Concen: 62.617 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion: 82	Resp:	525010
Ion	Ratio	Lower Upper
82	100	
128	43.4	35.7 53.5
54	57.3	45.8 68.8



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

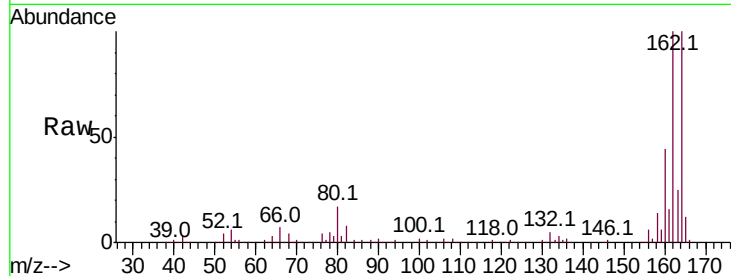




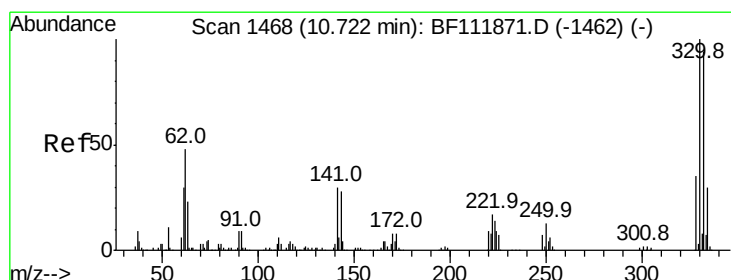
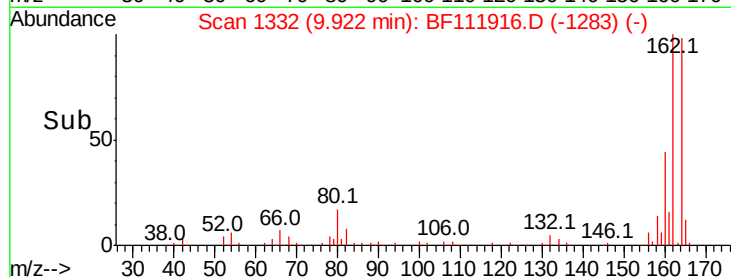
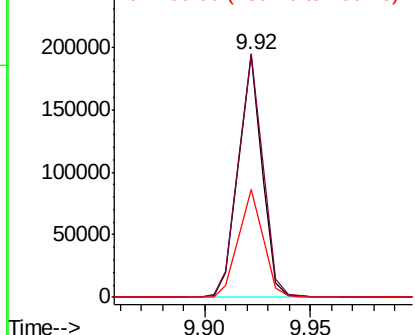
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111916.D
 Acq: 8 Jan 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 W12-6

Tot Ion:164 Resp: 151068
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.2 123.2
 160 44.4 35.5 53.3

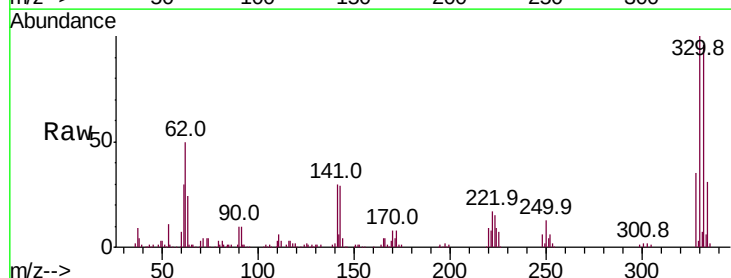


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

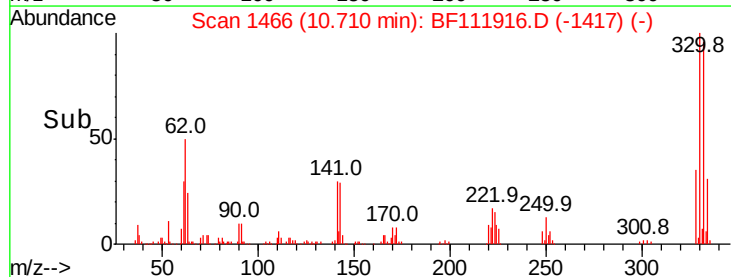
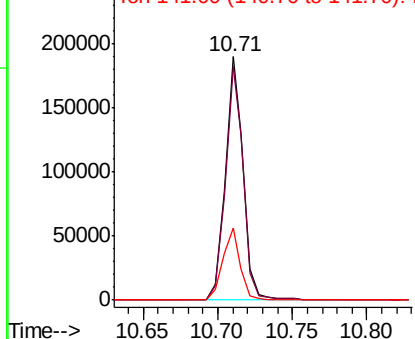


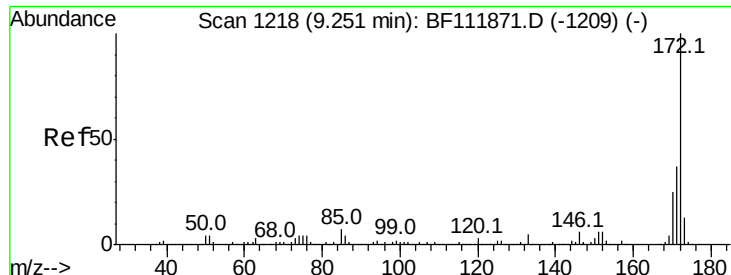
#42
 2,4,6-Tribromophenol
 Concen: 81.362 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111916.D
 Acq: 8 Jan 2019 19:23

Tgt Ion:330 Resp: 159872
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 29.4 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

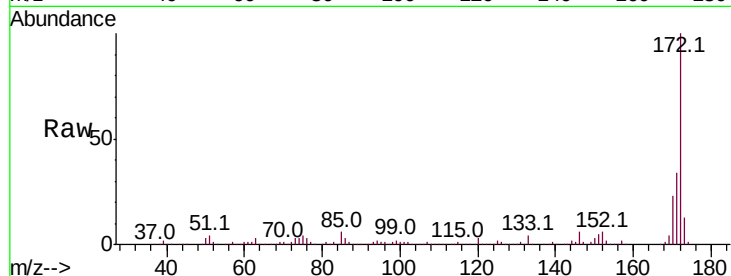




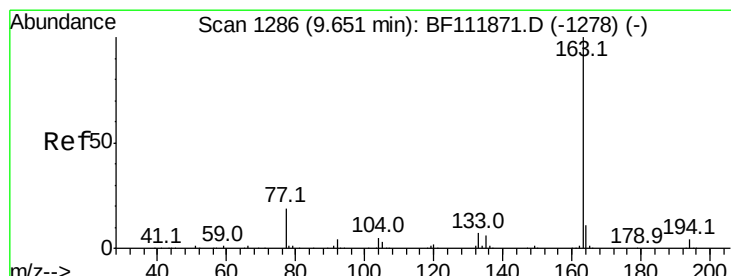
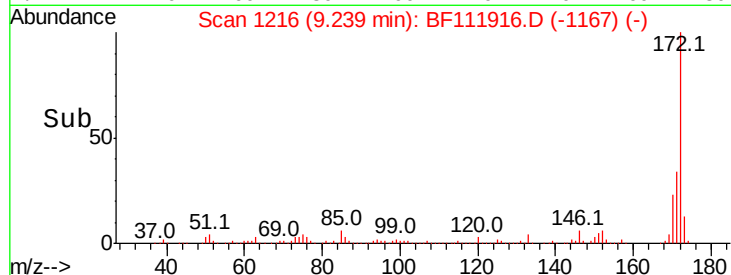
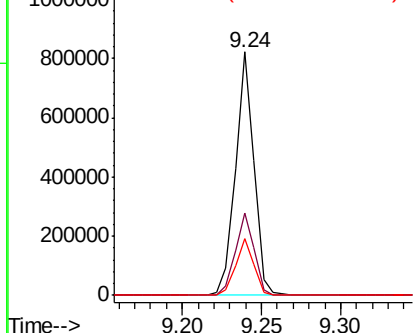
#45
2-Fluorobiphenyl
Concen: 64.171 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :
W12-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	23.2	19.8	29.8

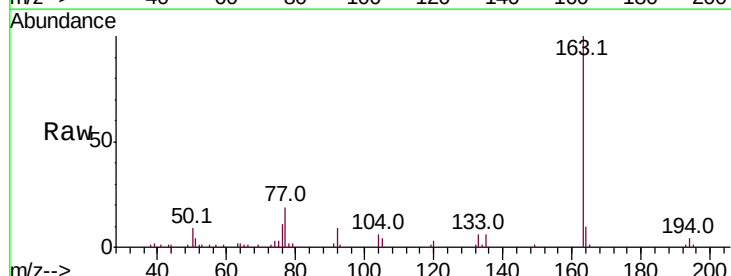


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

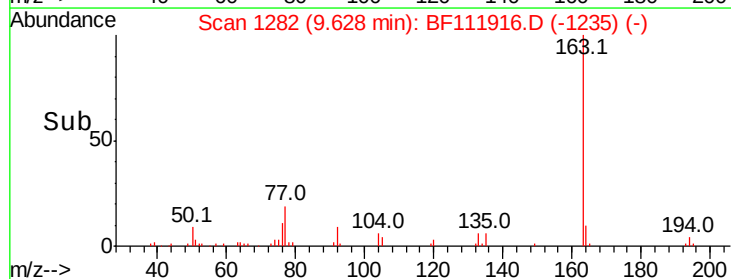
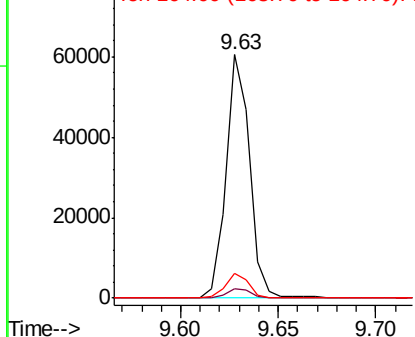


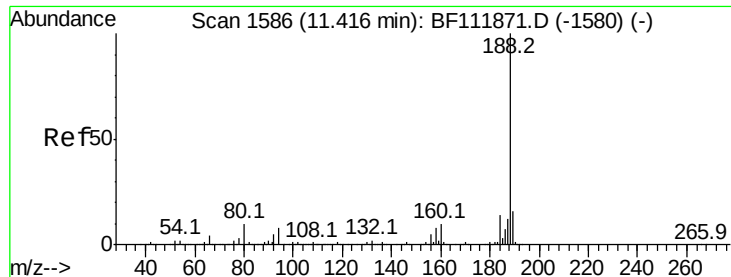
#50
Dimethylphthalate
Concen: 4.450 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	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

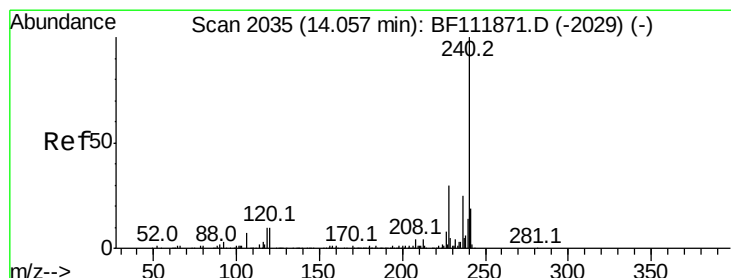
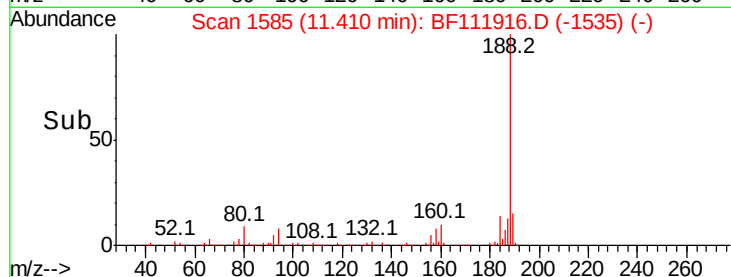
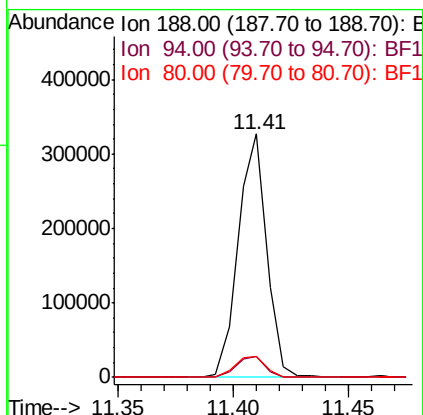
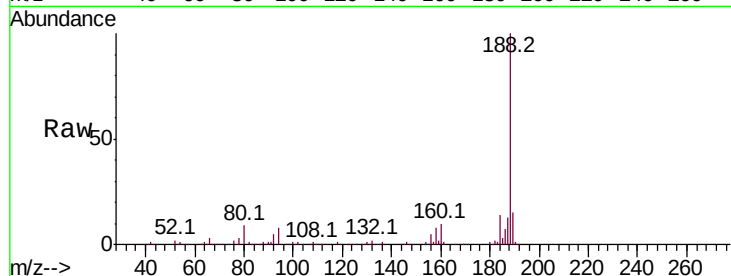




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

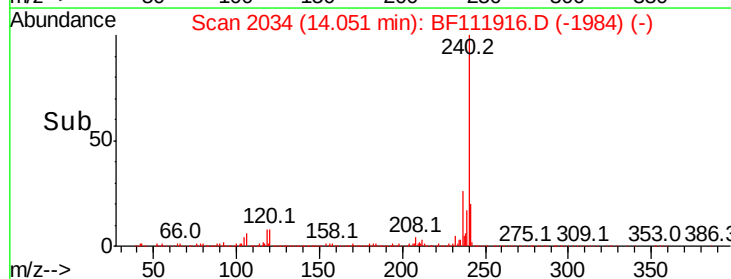
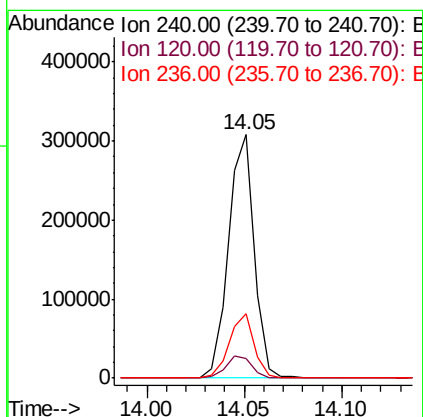
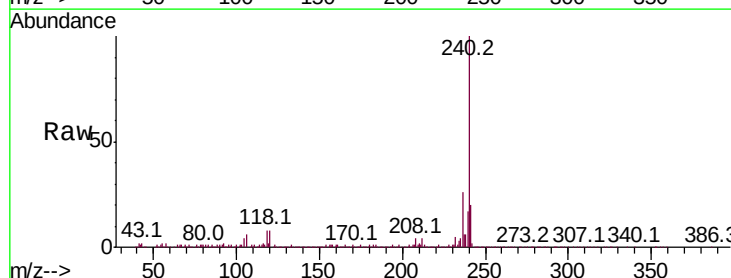
Instrument :
BNA_F
ClientSampleId :
W12-6

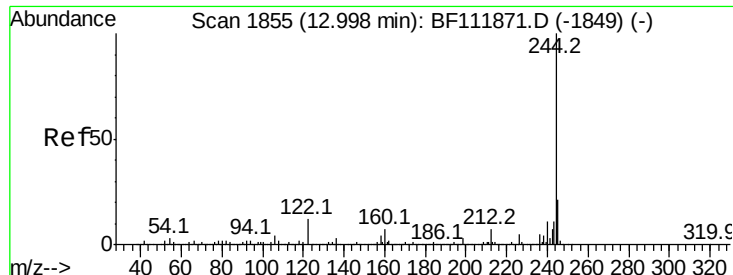
Tot Ion:188 Resp: 281495
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 8.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion:240 Resp: 281449
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 26.3 20.2 30.4





#79

Terphenyl-d14

Concen: 44.395 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Instrument :

BNA_F

ClientSampleId :

W12-6

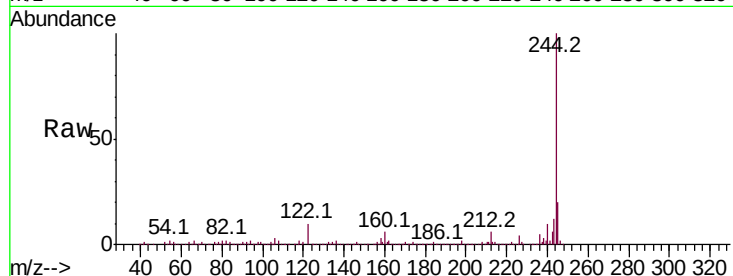
Tot Ion:244 Resp: 658251

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

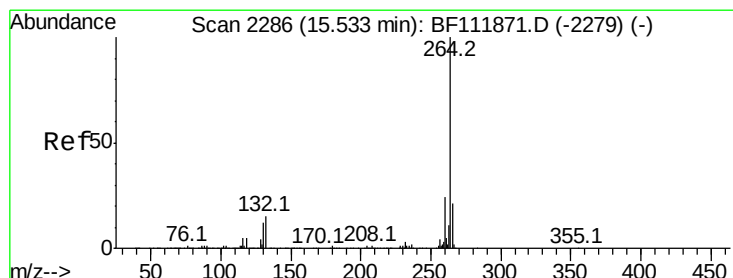
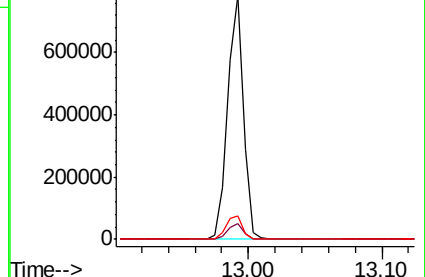
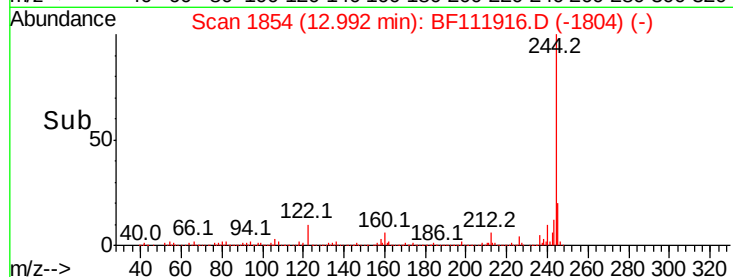
122 9.6 9.5 14.3



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# 2286

Delta R.T. 0.00 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

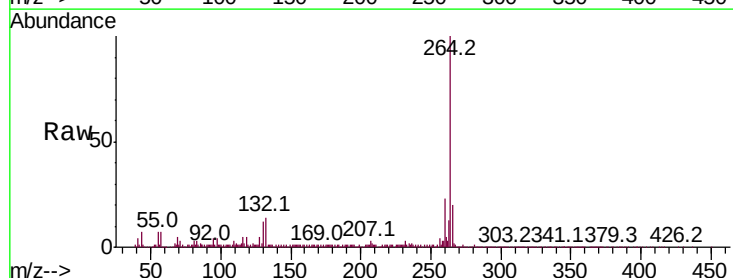
Tgt Ion:264 Resp: 245231

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.3 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

