

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102196.D
 Acq On : 18 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1151-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVELDL

Quant Time: Jan 19 00:54:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

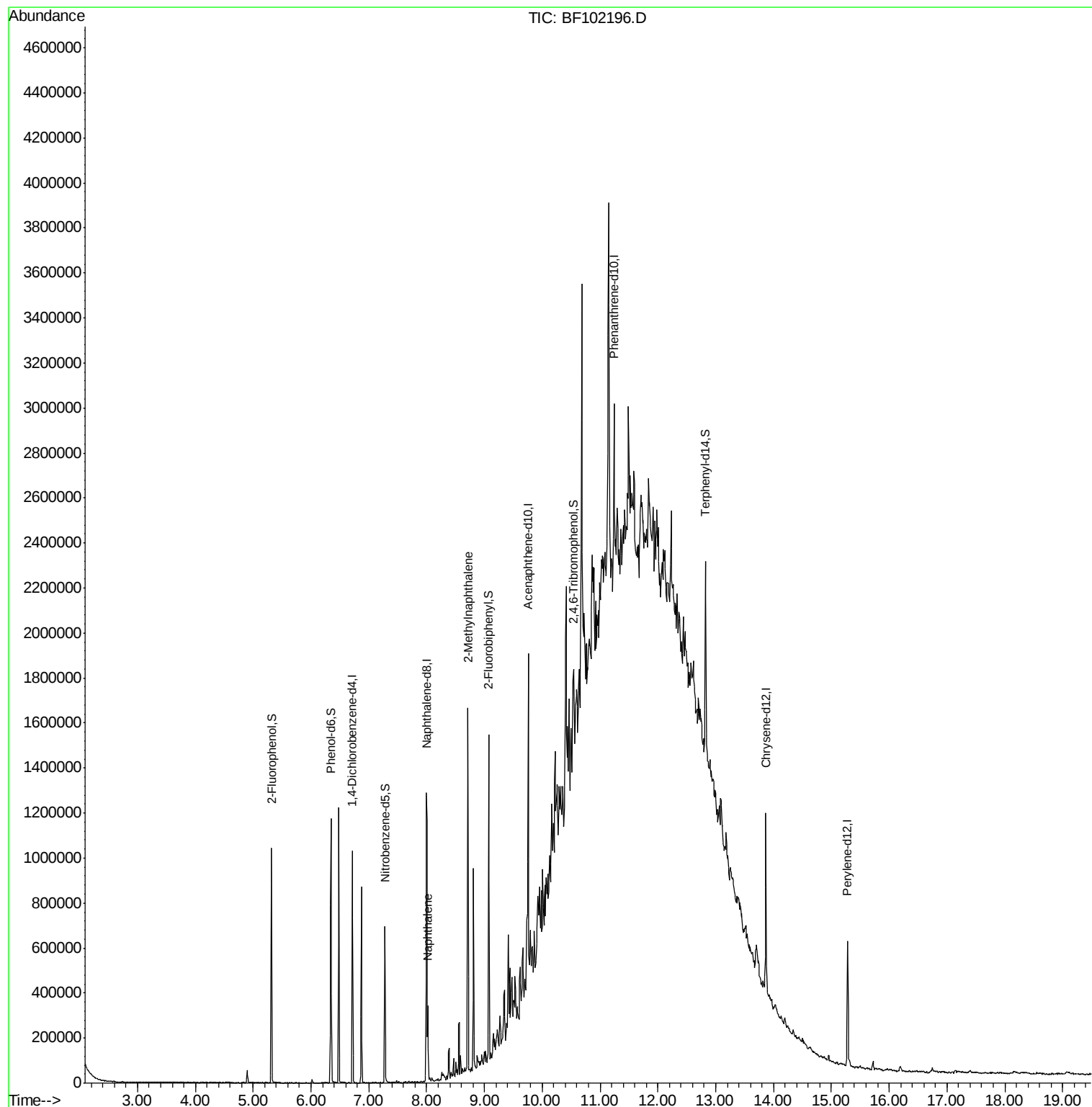
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141950	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581862	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	235507	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323079	20.00	ng	0.00
75) Chrysene-d12	13.87	240	249737	20.00	ng	0.00
86) Perylene-d12	15.28	264	238840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	280773	27.93	ng	0.00
7) Phenol-d6	6.35	99	328851	27.42	ng	-0.01
23) Nitrobenzene-d5	7.28	82	198300	20.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	52992	25.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	392809	26.06	ng	-0.01
78) Terphenyl-d14	12.82	244	269890	22.44	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	120634	4.149	ng	98
37) 2-Methylnaphthalene	8.72	142	415298	21.697	ng	98

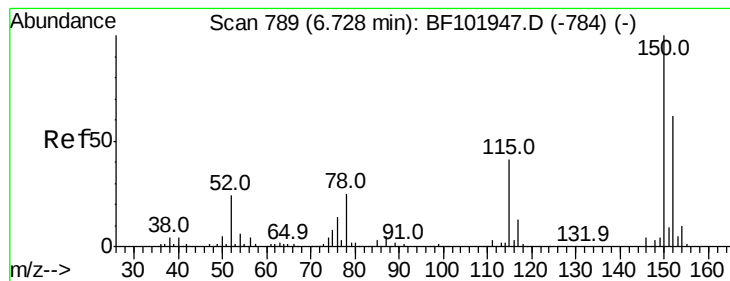
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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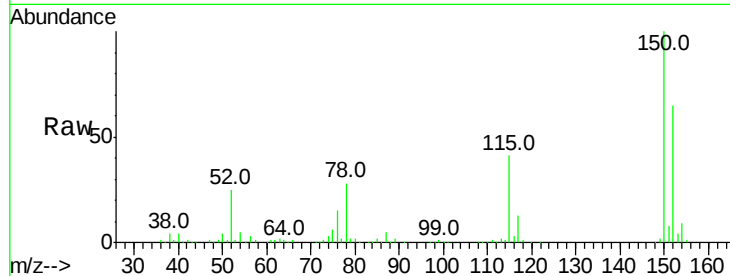


#1

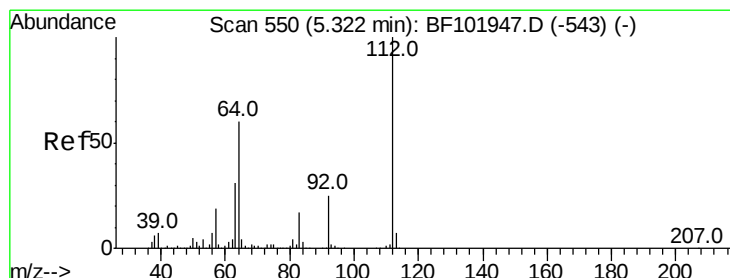
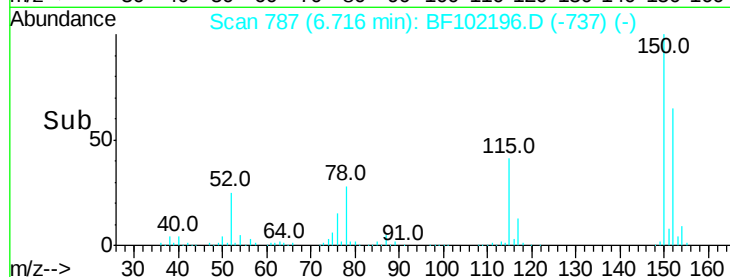
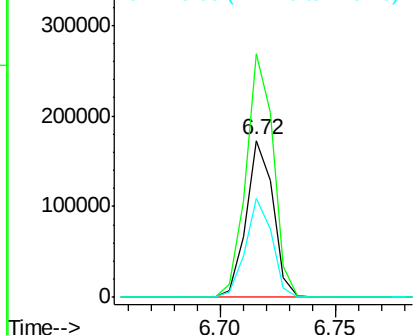
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVELDL

Tot Ion:152 Resp: 141950
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 62.9 50.1 75.1



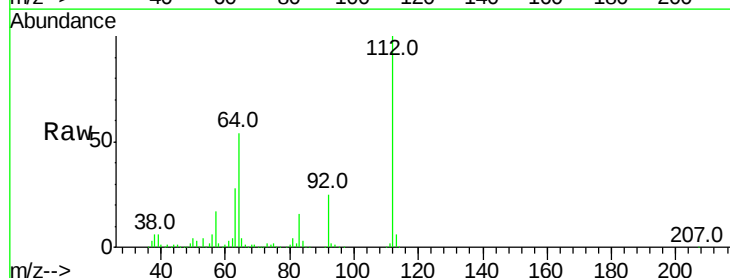
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



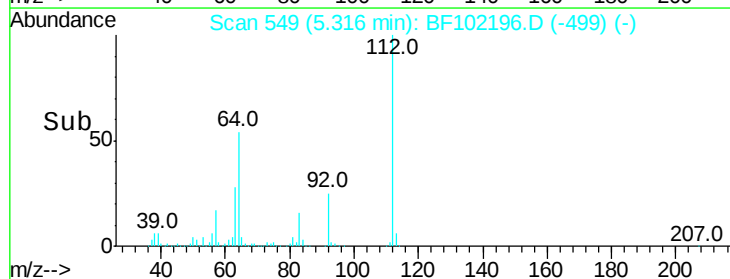
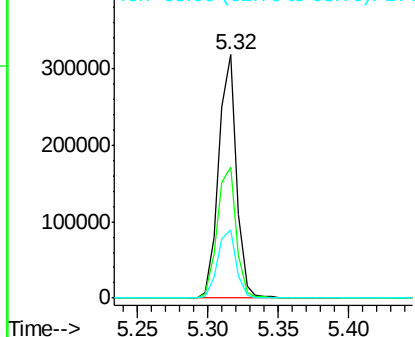
#5

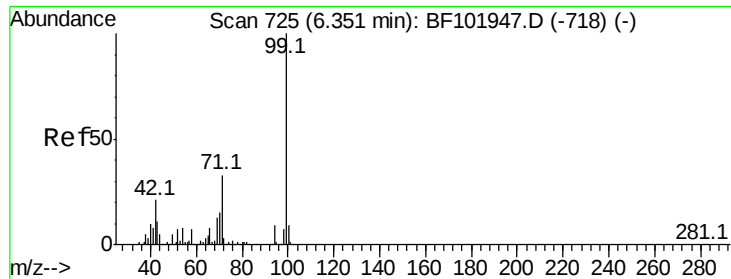
2-Fluorophenol
Concen: 27.931 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion:112 Resp: 280773
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 28.1 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: 27.419 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Instrument :

BNA_F

ClientSampled :

OIL-GRAVELDL

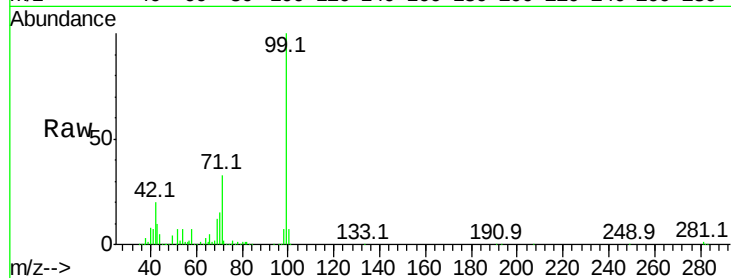
Tot Ion: 99 Resp: 328851

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

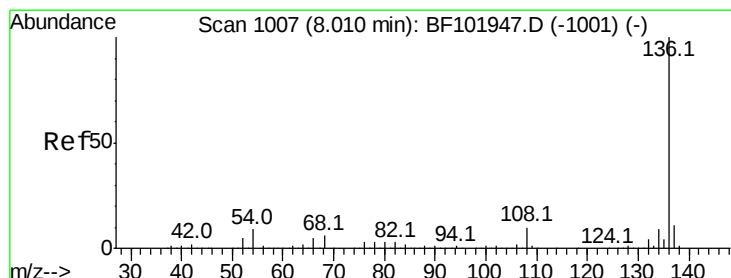
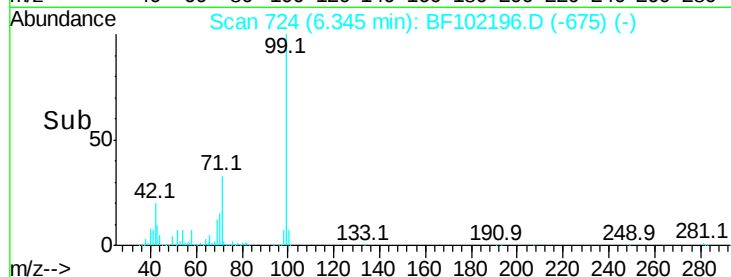
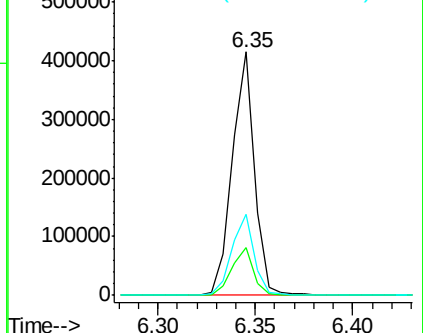
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Tgt Ion: 136 Resp: 581862

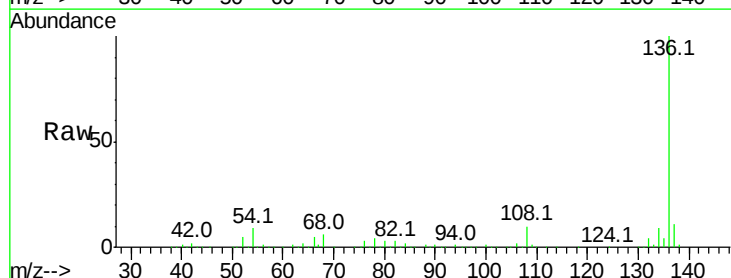
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.6 6.6 9.8

68 5.6 5.0 7.4

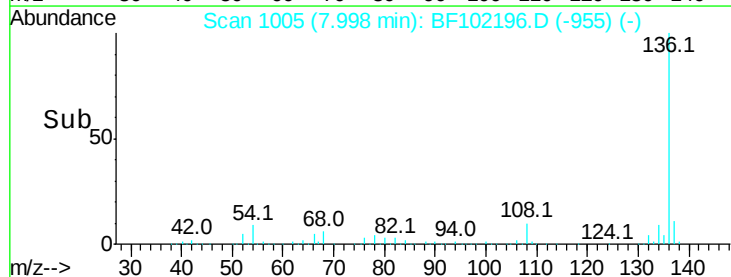
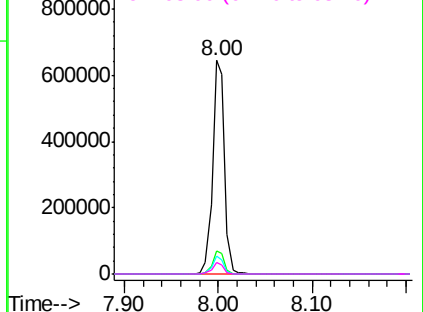


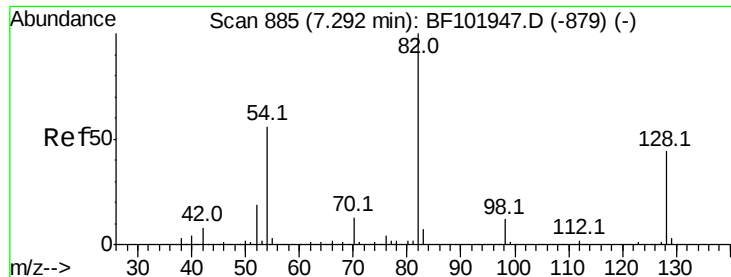
Abundance Ion 136.00 (135.70 to 136.70): E

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

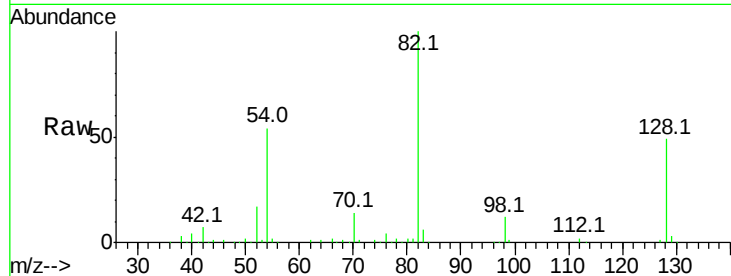




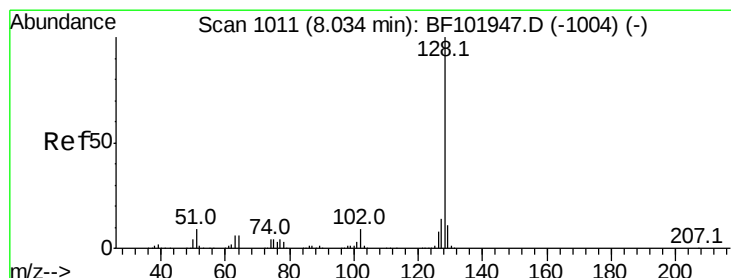
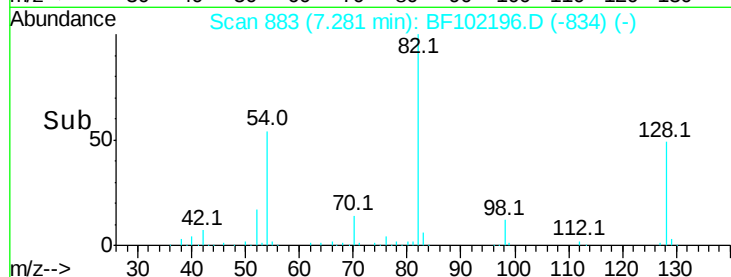
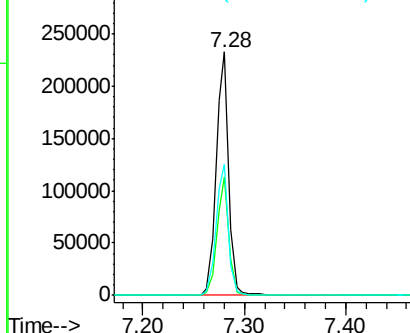
#23
Nitrobenzene-d5
Concen: 20.027 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVELDL

Tot Ion	82	Resp	198300
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	53.6	41.4	62.2

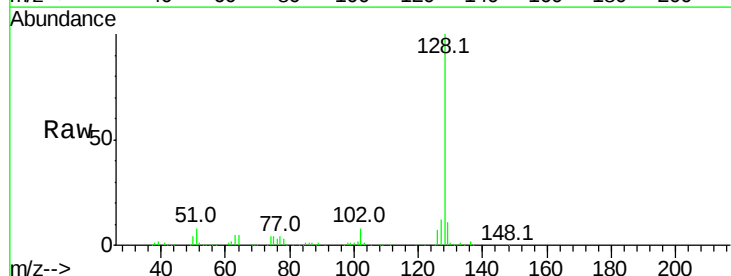


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

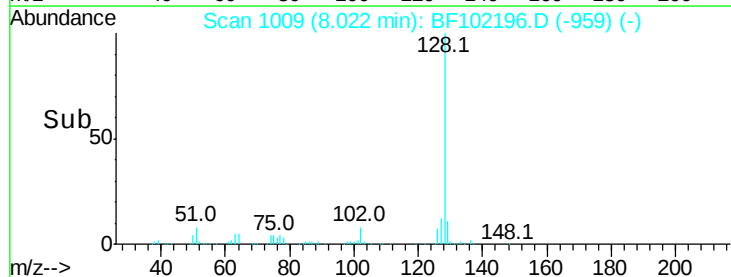
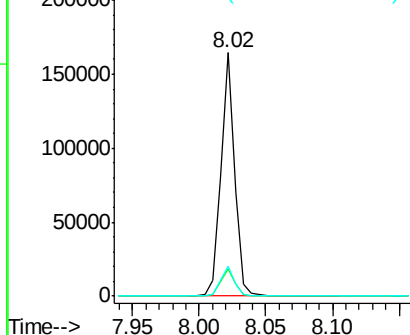


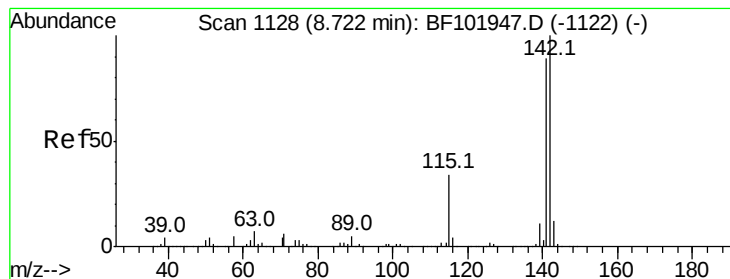
#31
Naphthalene
Concen: 4.149 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion	128	Resp	120634
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	12.2	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

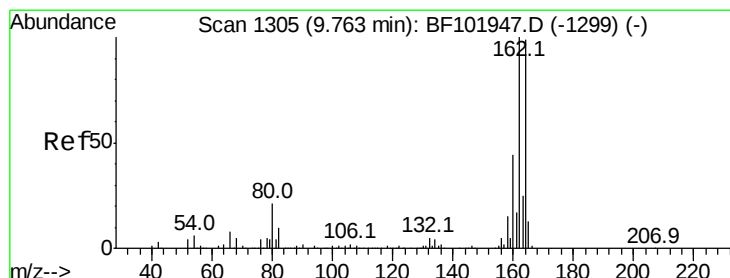
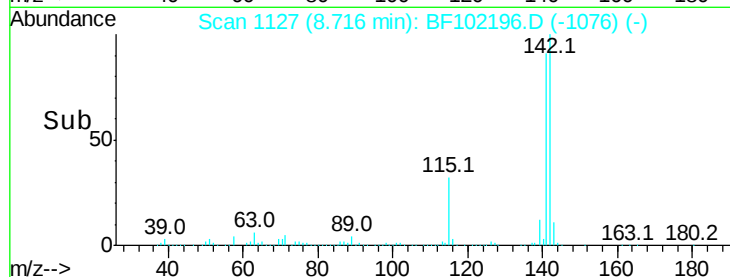
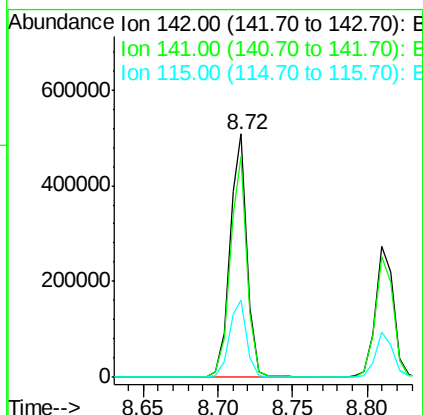
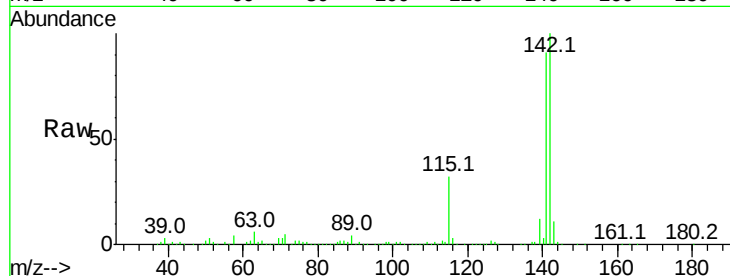




#37
 2-Methylnaphthalene
 Concen: 21.697 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

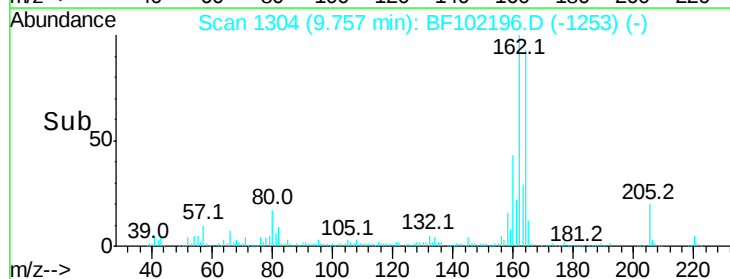
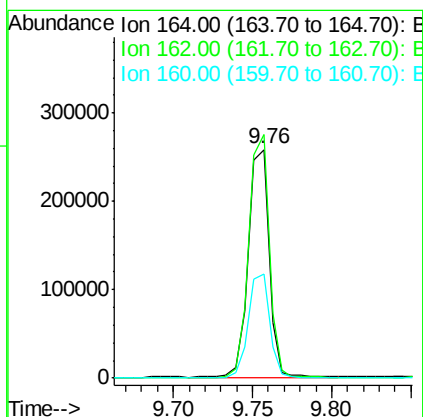
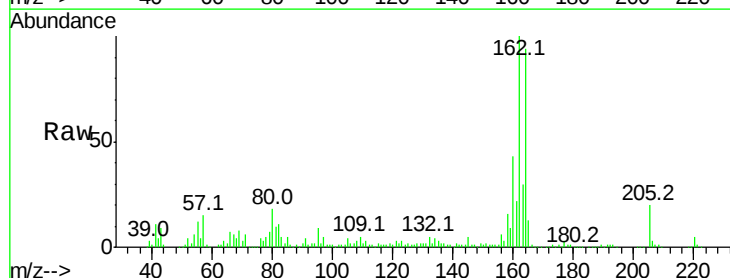
Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVELDL

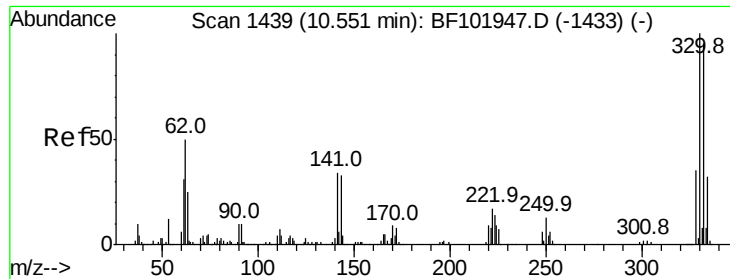
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	31.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.4	38.3	57.5

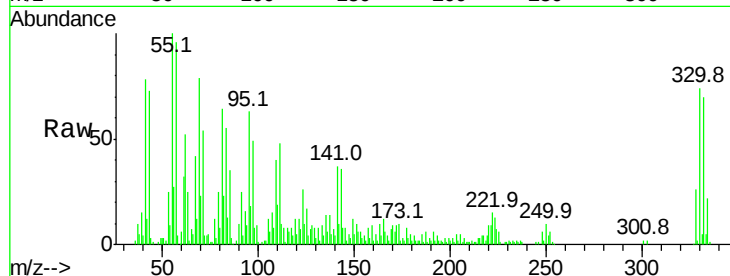




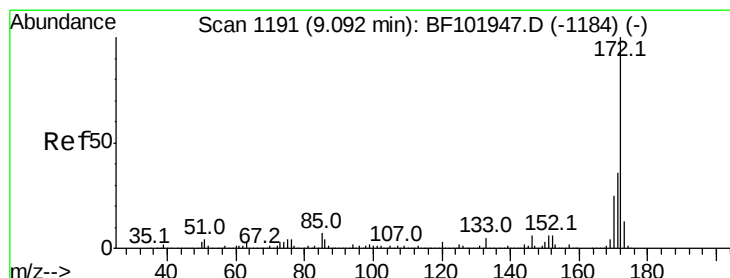
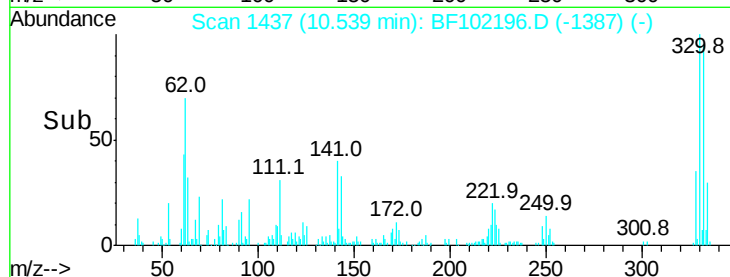
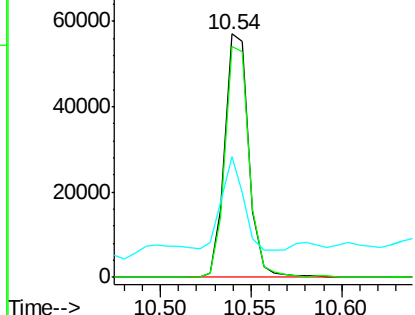
#41
 2,4,6-Tribromophenol
 Concen: 25.784 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVELDL

Tot Ion:330 Resp: 52992
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 34.7 29.9 44.9

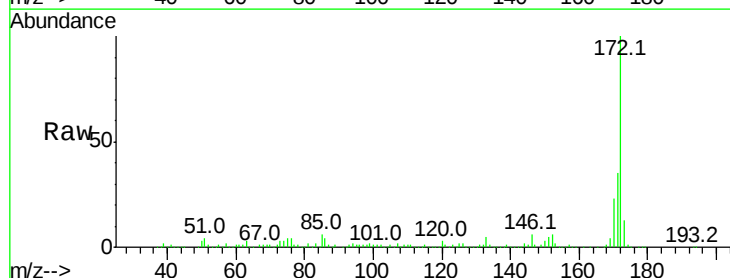


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

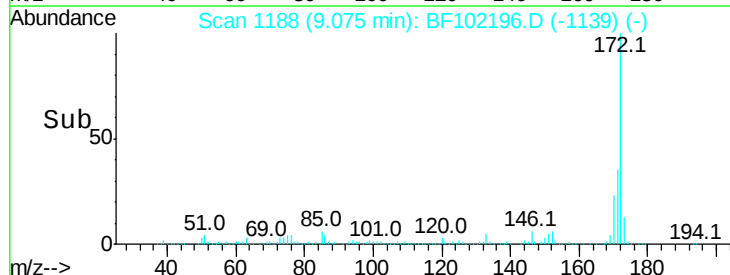
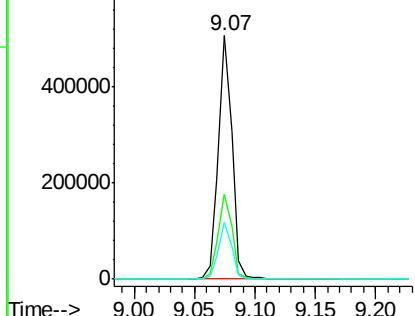


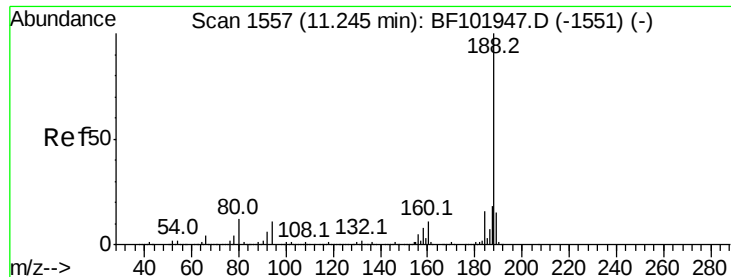
#44
 2-Fluorobiphenyl
 Concen: 26.058 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Tgt Ion:172 Resp: 392809
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.2 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

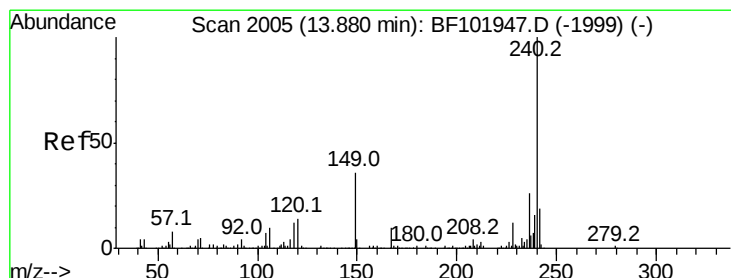
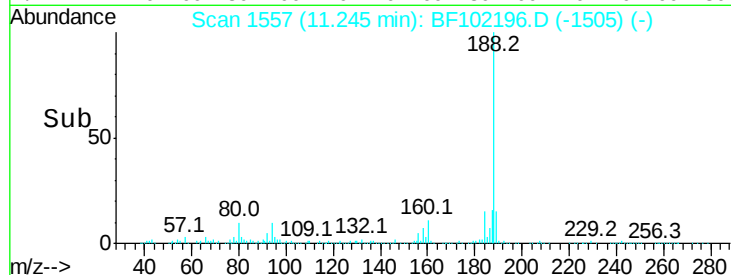
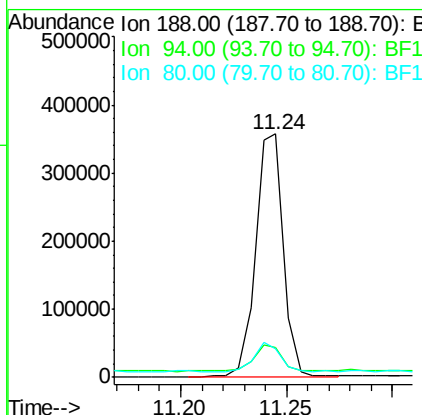
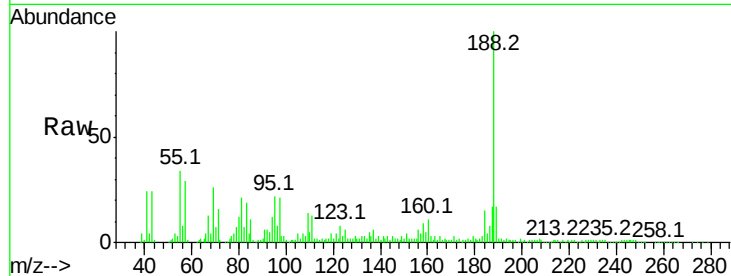




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

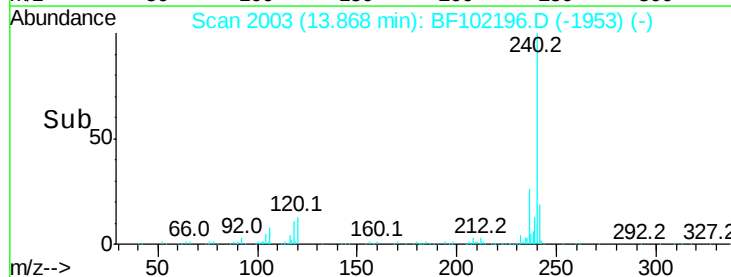
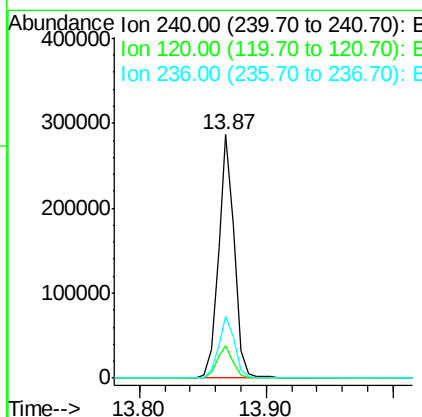
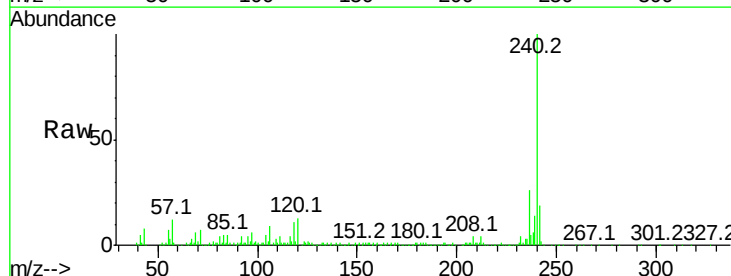
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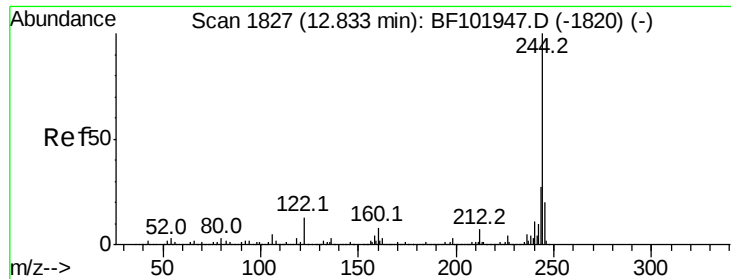
Tot Ion:188 Resp: 323079
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion:240 Resp: 249737
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 22.438 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Instrument :

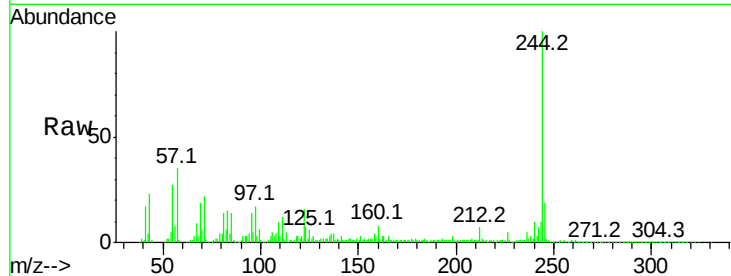
BNA_F

ClientSampleId :

OIL-GRAVELDL

Tot Ion:244 Resp: 269890

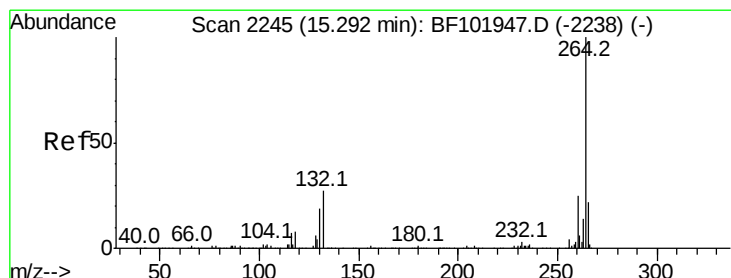
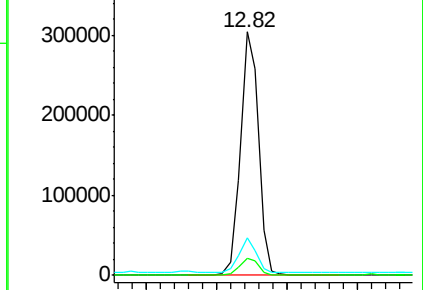
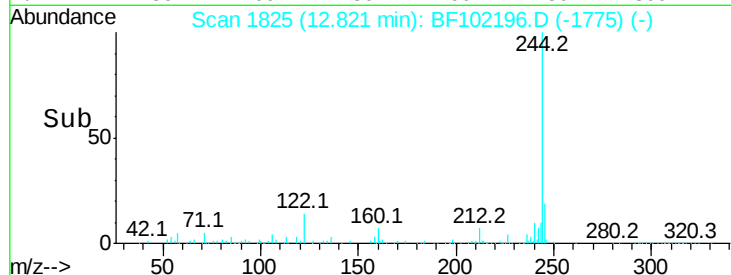
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.6	11.0	16.4



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: 15.28 min Scan# 2243

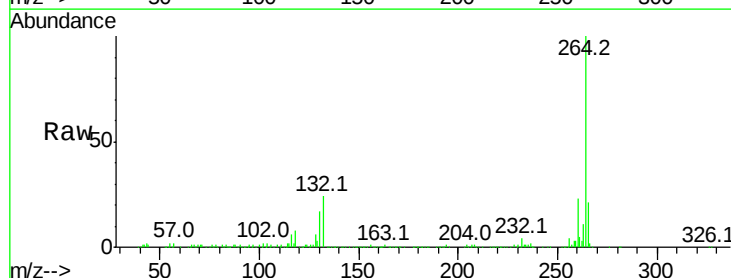
Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Tgt Ion:264 Resp: 238840

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	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

