

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102045.D
 Acq On : 12 Jan 2018 16:18
 Operator : SJ/JU
 Sample : J1100-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: Jan 12 22:30:34 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

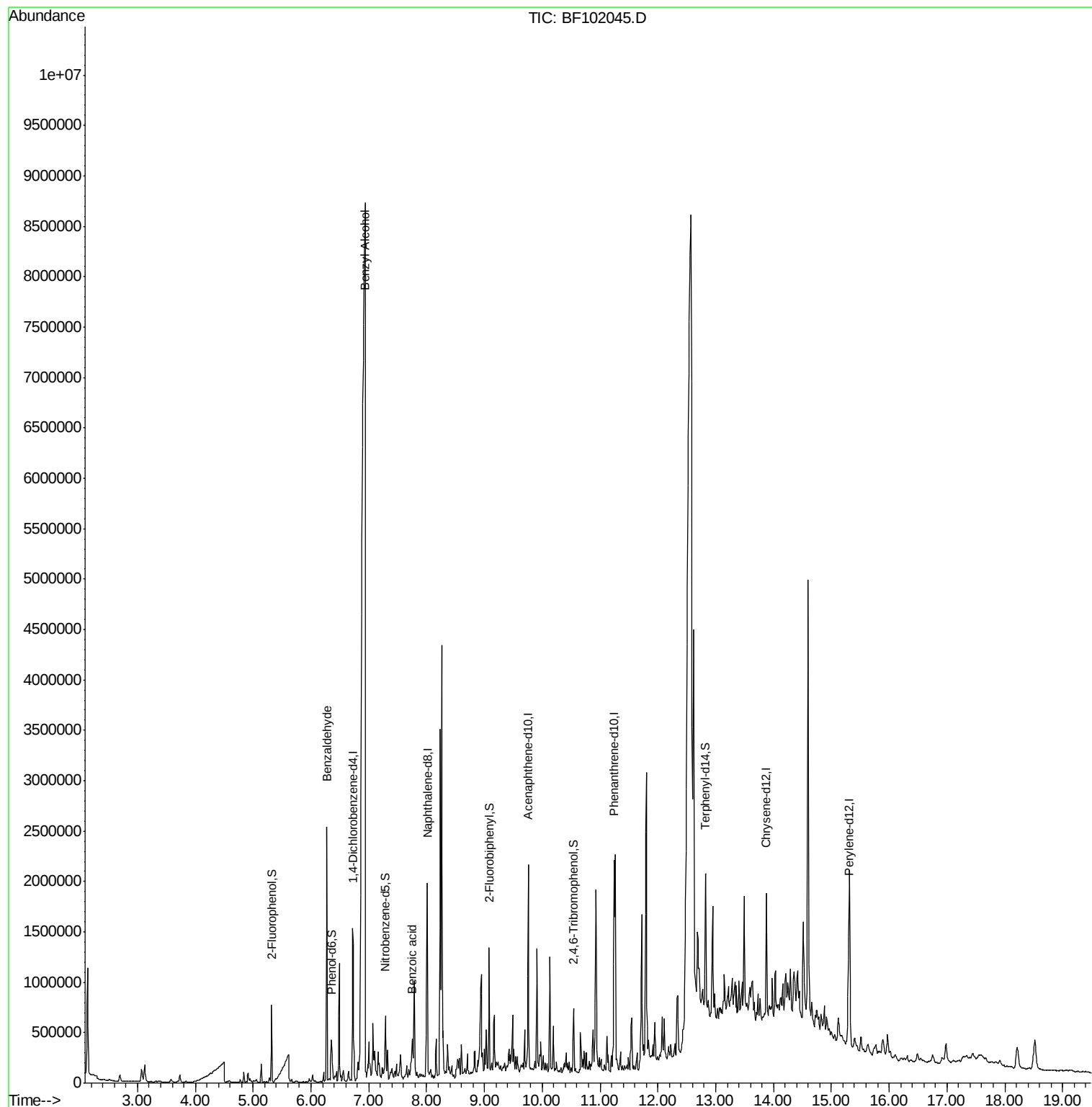
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	218945	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	883189	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	382703	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	626815	20.00	ng	0.00
75) Chrysene-d12	13.87	240	411028	20.00	ng	0.00
86) Perylene-d12	15.30	264	327370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	215788	13.92	ng	-0.01
7) Phenol-d6	6.35	99	241487	13.05	ng	-0.01
23) Nitrobenzene-d5	7.29	82	162880	10.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	57460	17.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	326606	13.33	ng	-0.01
78) Terphenyl-d14	12.83	244	259376	13.10	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	464041	36.127	ng	98
15) Benzyl Alcohol	6.93	79	6097795	450.627	ng	97
32) Benzoic acid	7.75	122	67803	7.083	ng	95

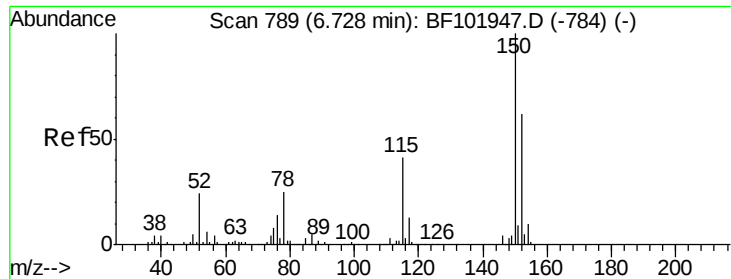
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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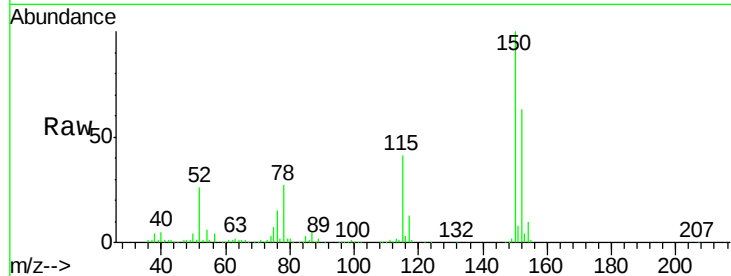


#1

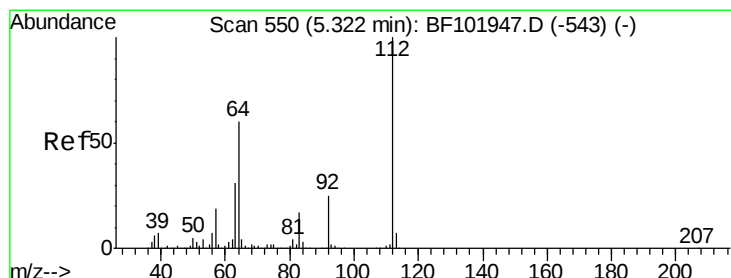
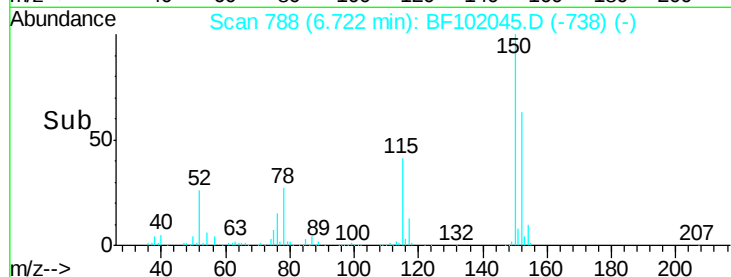
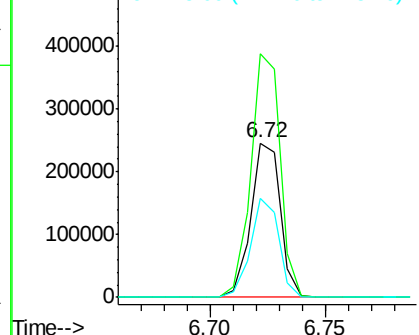
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tgt Ion:152 Resp: 218945
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.4 50.1 75.1



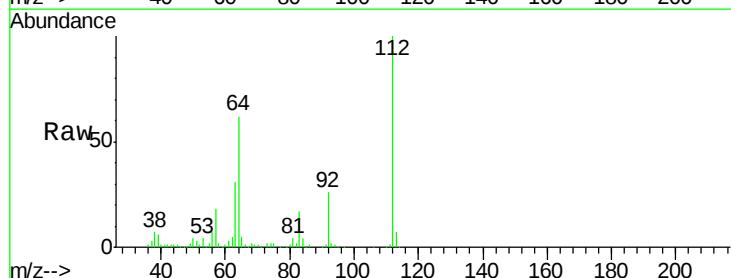
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



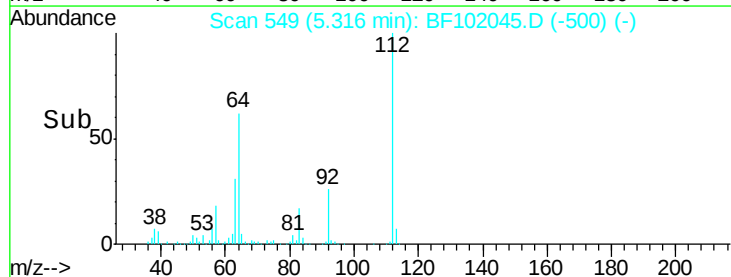
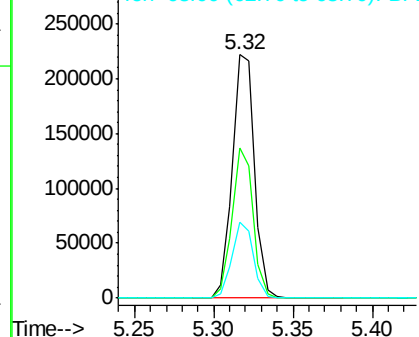
#5

2-Fluorophenol
Concen: 13.917 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

Tgt Ion:112 Resp: 215788
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.1 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: 13.054 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

OWS-1

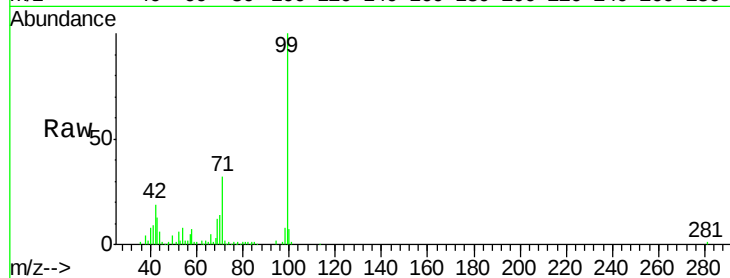
Tgt Ion: 99 Resp: 241487

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

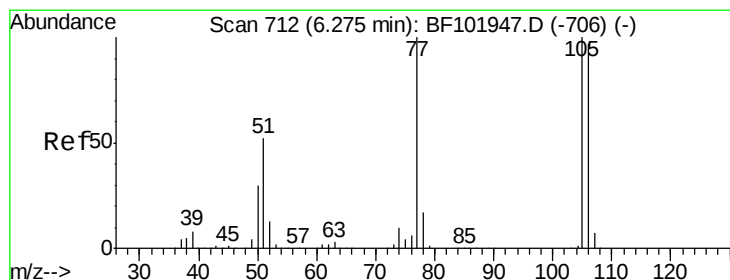
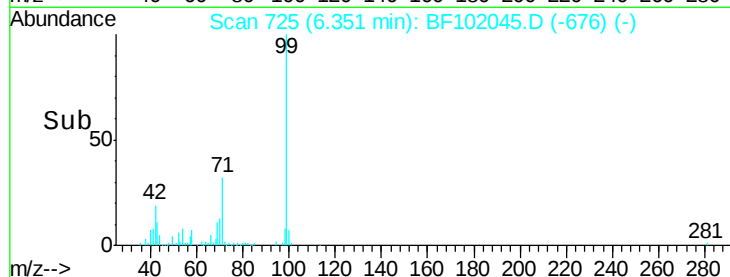
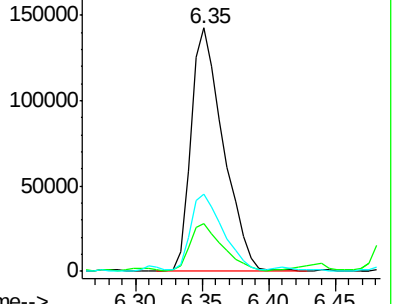
71 31.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 36.127 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

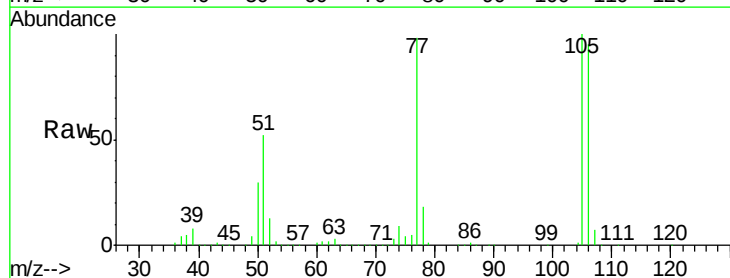
Tgt Ion: 77 Resp: 464041

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

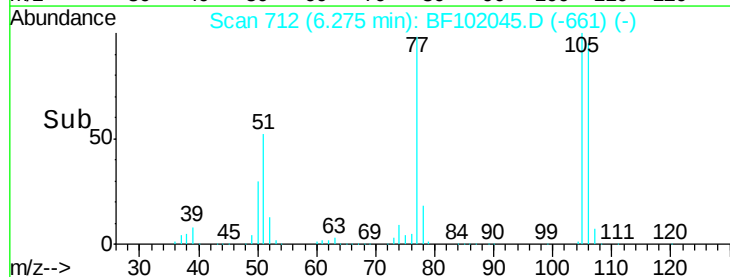
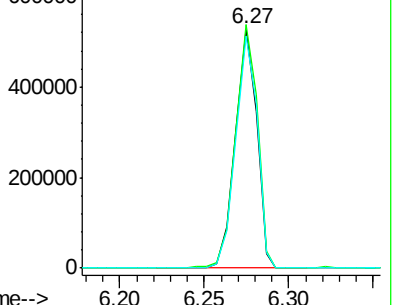
106 97.3 74.5 114.5

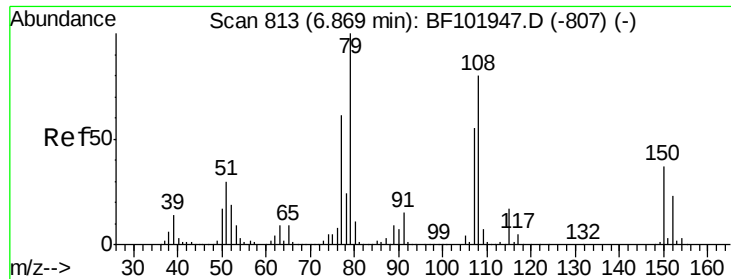


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

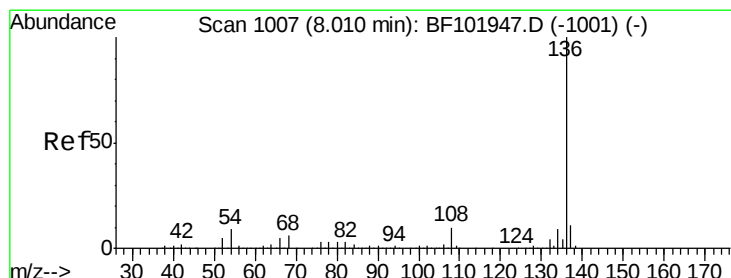
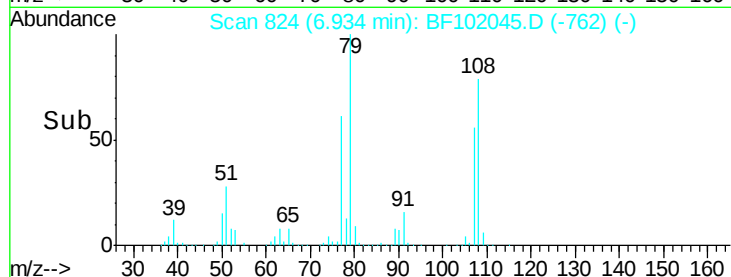
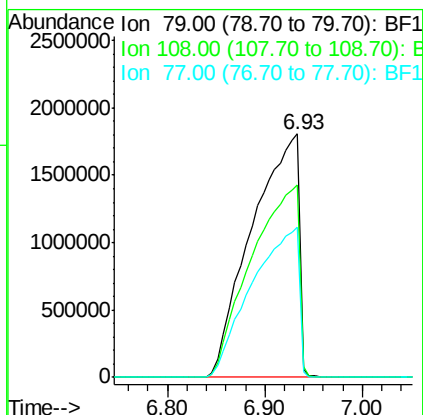
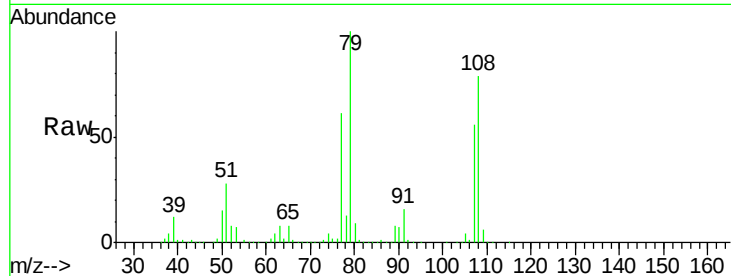




#15
Benzyl Alcohol
Concen: 450.627 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.06 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

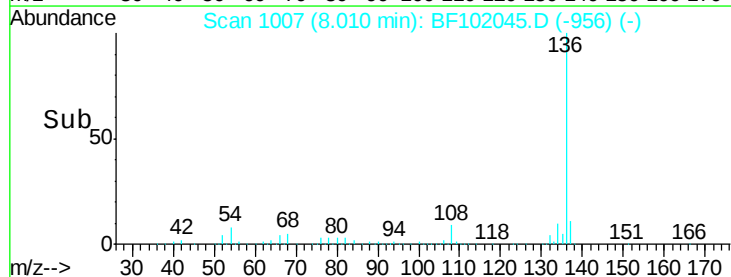
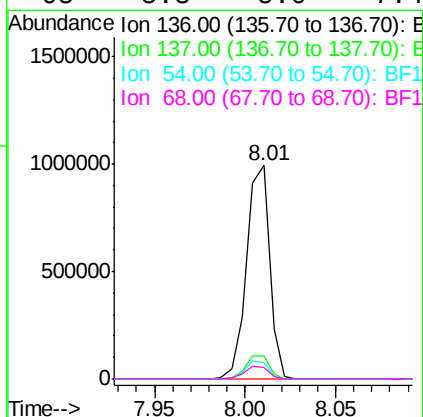
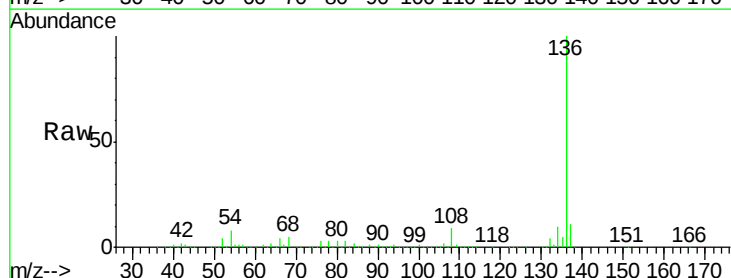
Instrument :
BNA_F
ClientSampleId :
OWS-1

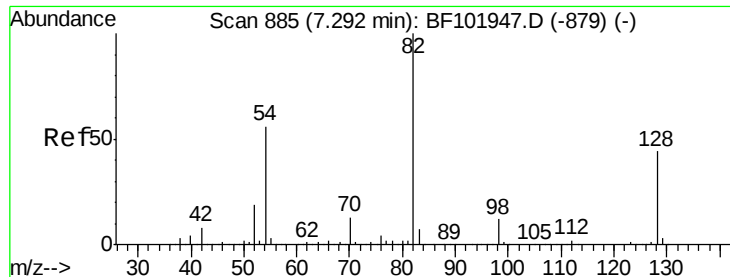
Tgt Ion: 79 Resp: 6097795
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 61.4 50.6 75.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

Tgt Ion: 136 Resp: 883189
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.6 9.8
68 5.3 5.0 7.4

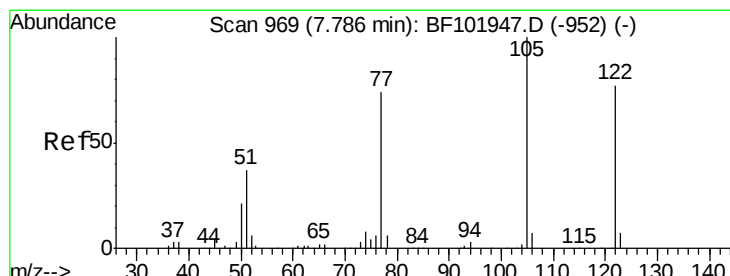
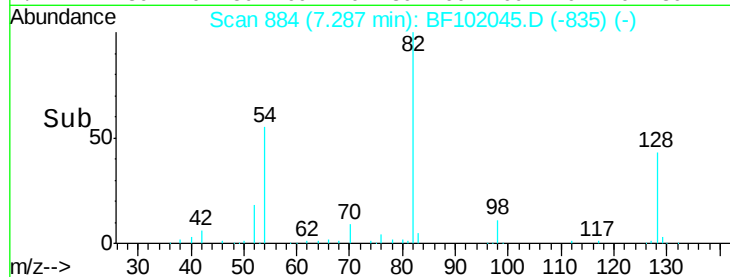
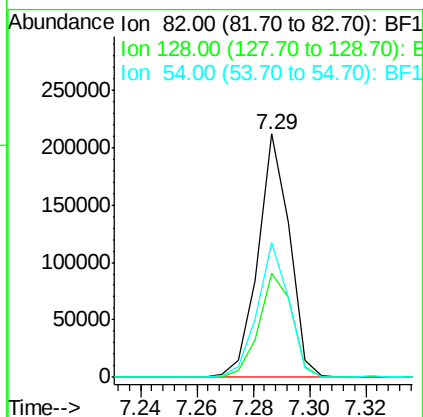
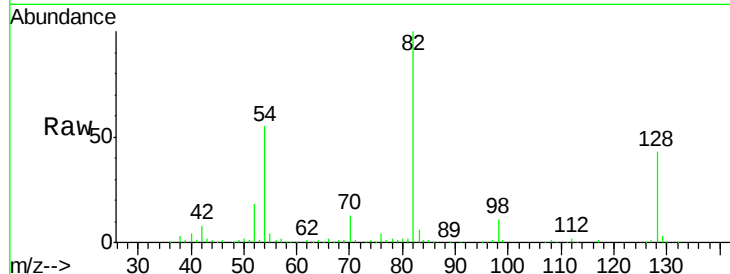




#23
Nitrobenzene-d5
Concen: 10.837 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

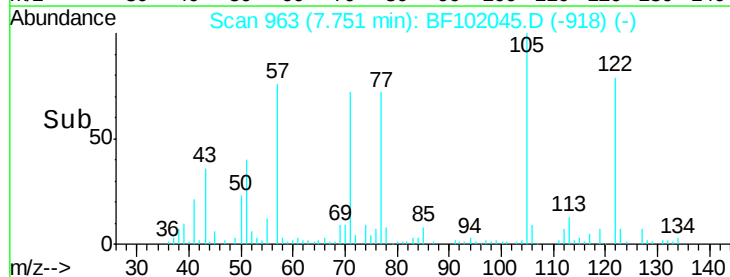
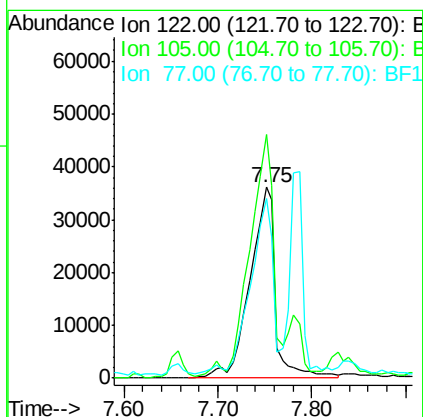
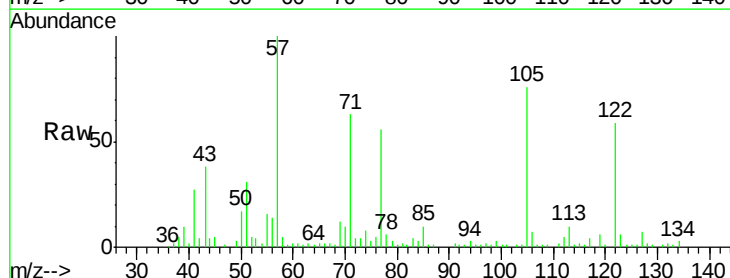
Instrument :
BNA_F
ClientSampleId :
OWS-1

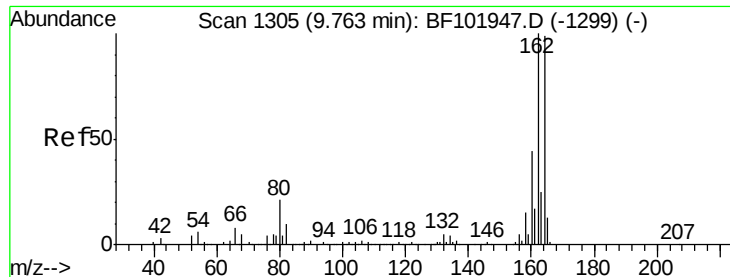
Tgt Ion: 82 Resp: 162880
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 55.2 41.4 62.2



#32
Benzoic acid
Concen: 7.083 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

Tgt Ion: 122 Resp: 67803
Ion Ratio Lower Upper
122 100
105 127.7 101.1 141.1
77 94.1 70.7 110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

OWS-1

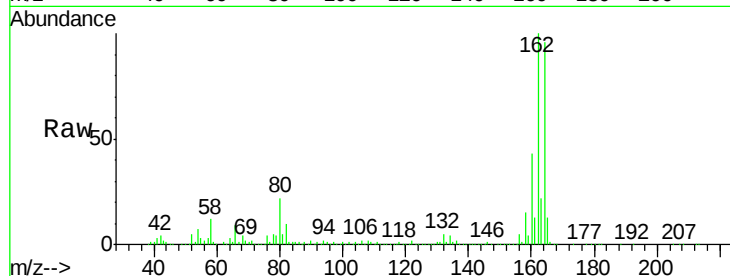
Tgt Ion:164 Resp: 382703

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

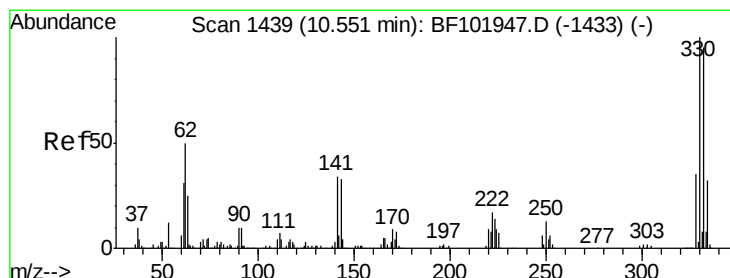
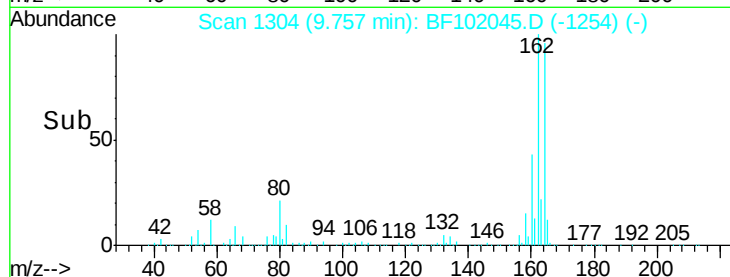
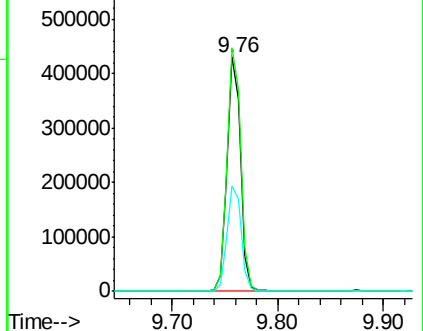
160 45.1 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 17.205 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

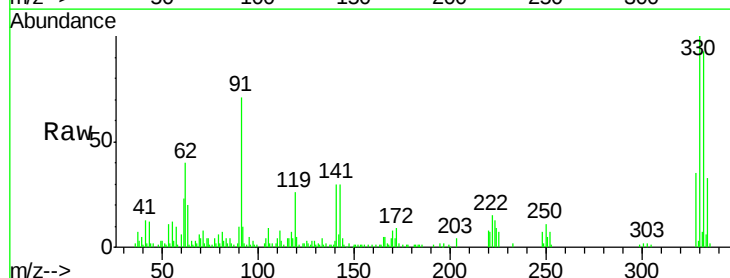
Tgt Ion:330 Resp: 57460

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

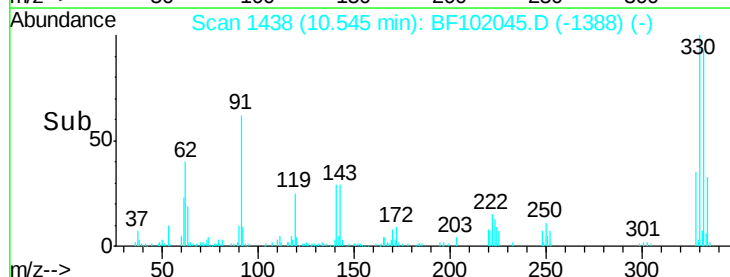
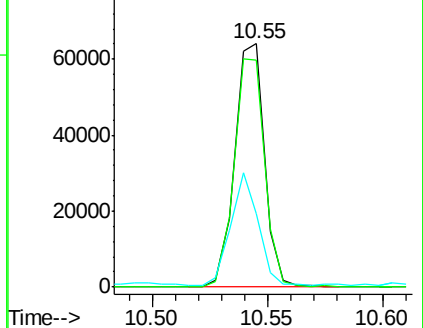
141 42.3 29.9 44.9

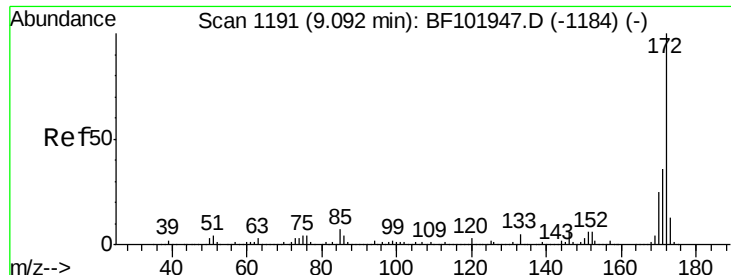


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

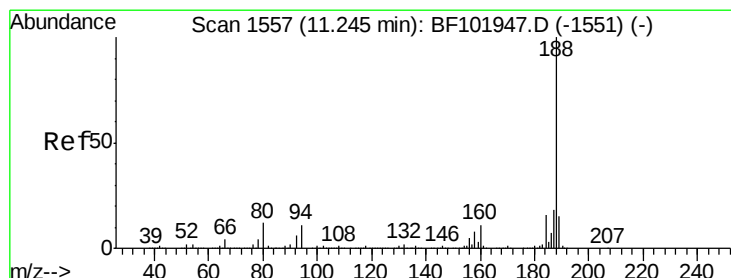
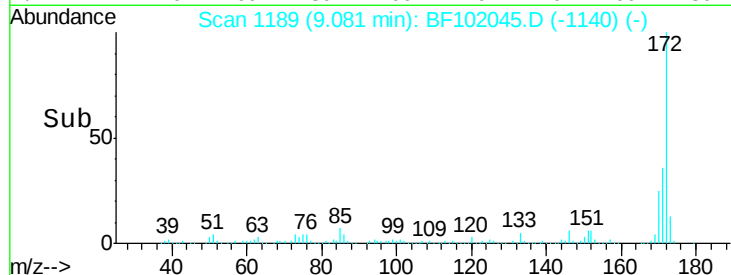
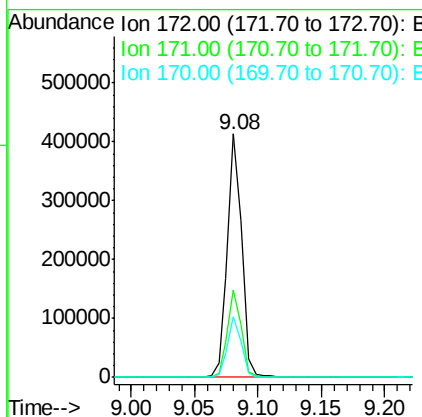
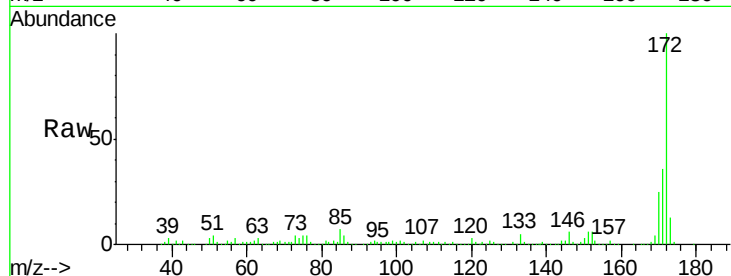




#44
 2-Fluorobiphenyl
 Concen: 13.333 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102045.D
 Acq: 12 Jan 2018 16:18

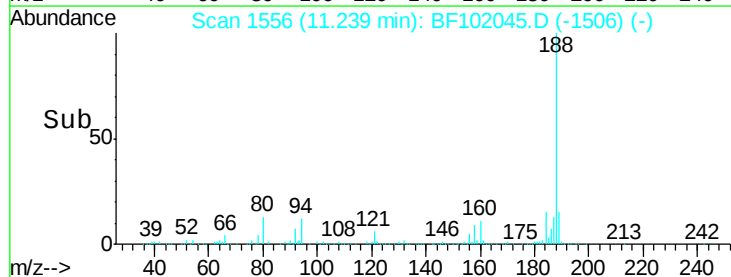
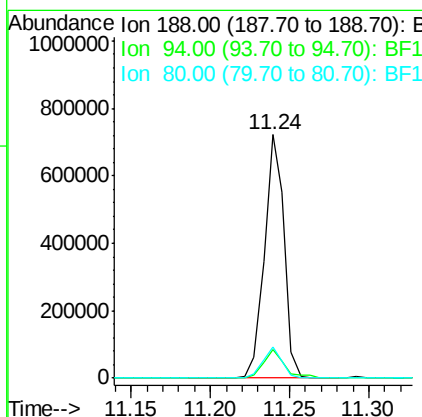
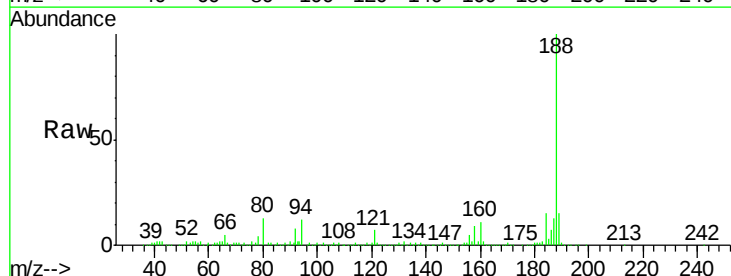
Instrument :
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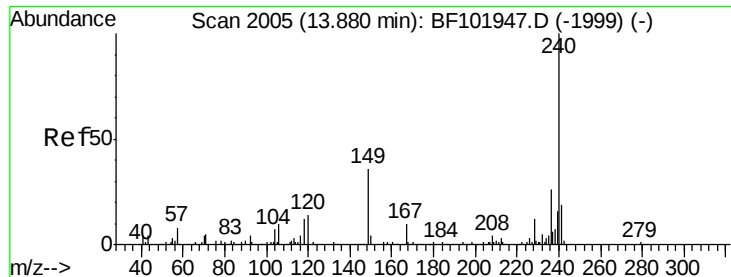
Tgt Ion:172 Resp: 326606
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.8 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102045.D
 Acq: 12 Jan 2018 16:18

Tgt Ion:188 Resp: 626815
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

OWS-1

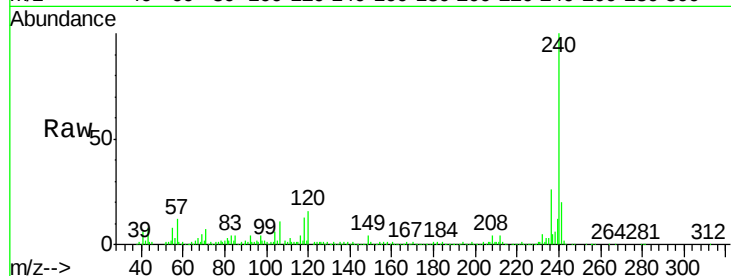
Tgt Ion:240 Resp: 411028

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

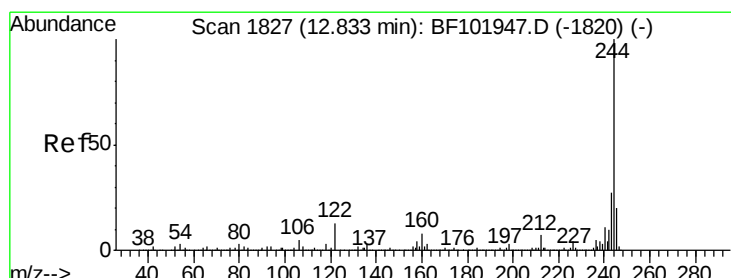
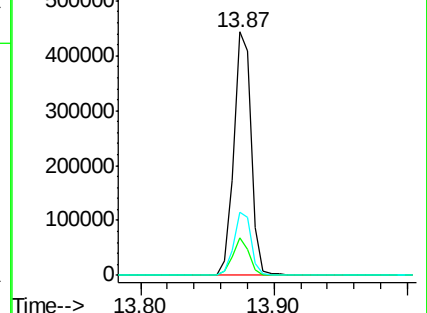
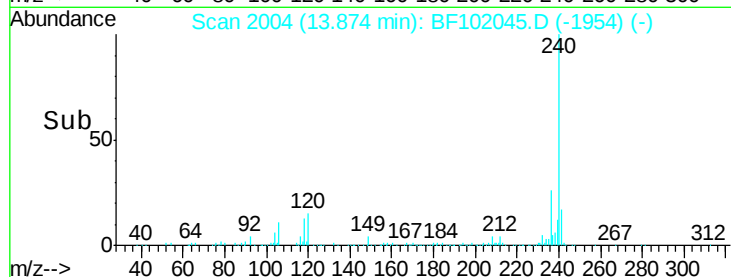
236 25.8 20.7 31.1



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: 13.102 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102045.D

Acq: 12 Jan 2018 16:18

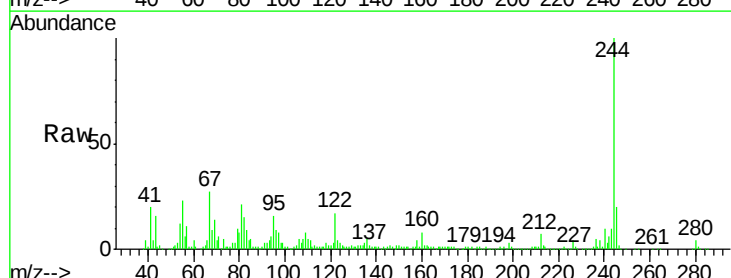
Tgt Ion:244 Resp: 259376

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

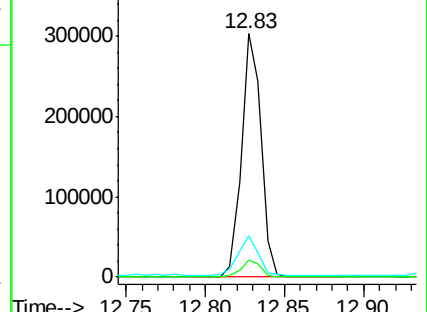
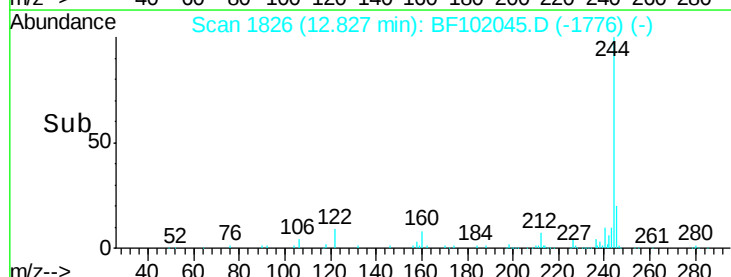
122 17.2 11.0 16.4#

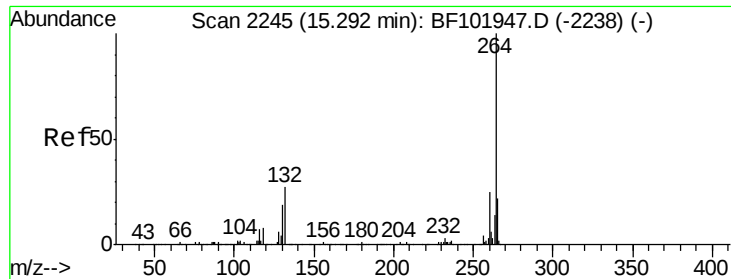


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

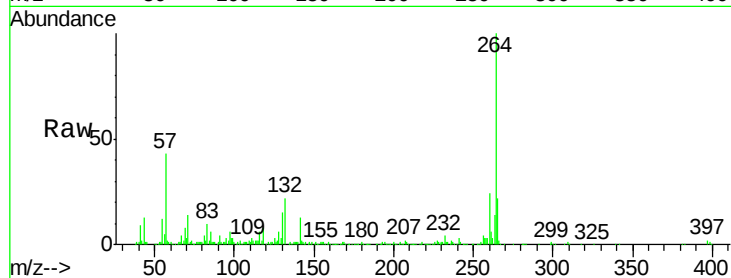




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102045.D
Acq: 12 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	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

