

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101330.D
 Acq On : 12 Dec 2017 15:27
 Operator : SJ/JU
 Sample : I6686-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-121117

Quant Time: Dec 13 01:31:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

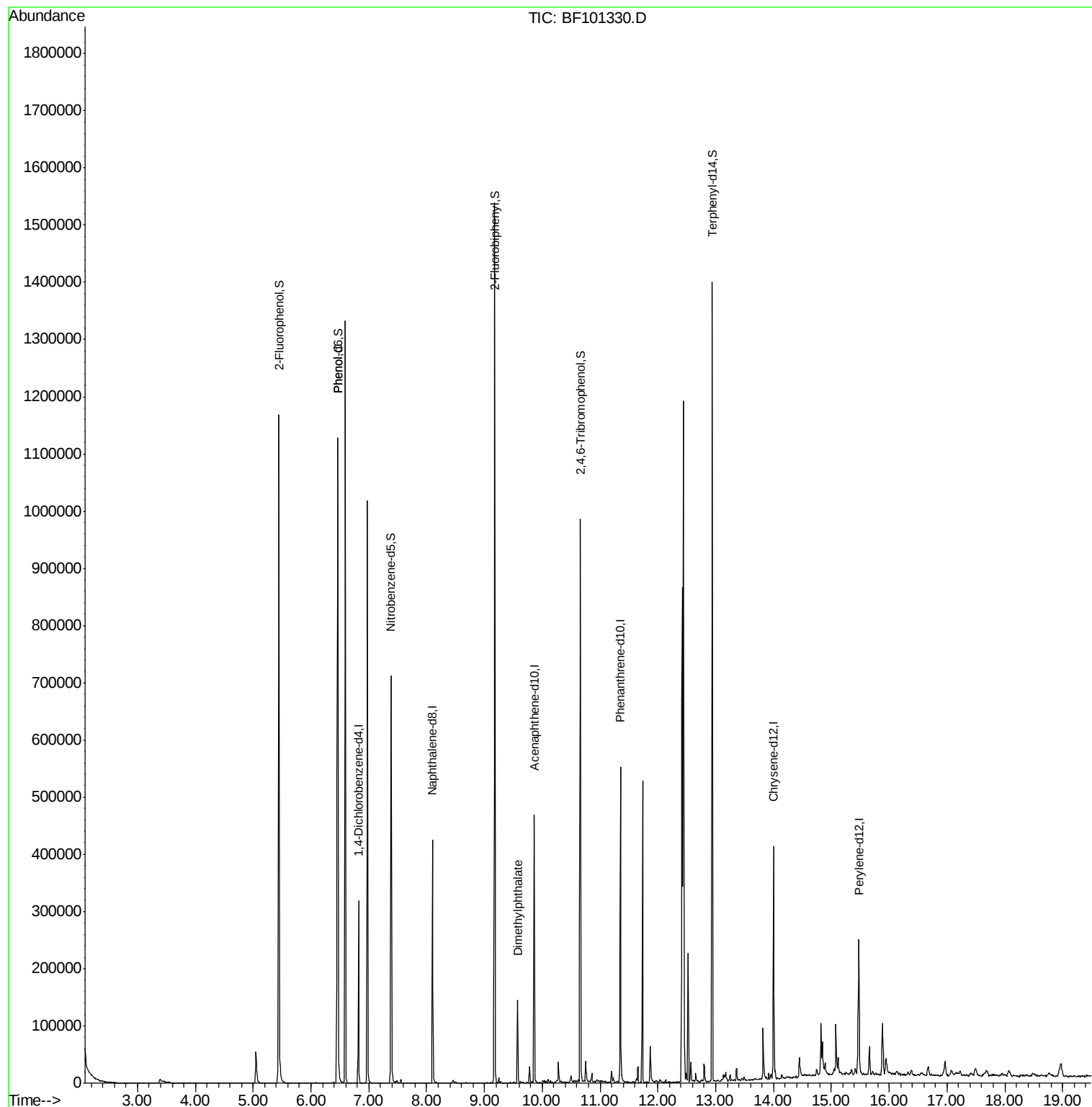
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47803	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	191191	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	93831	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	188134	20.00	ng	0.00
75) Chrysene-d12	14.00	240	141302	20.00	ng	0.00
86) Perylene-d12	15.47	264	116383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	328569	113.58	ng	0.00
7) Phenol-d6	6.46	99	397073	113.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	248768	77.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	121763	108.02	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	490165	71.47	ng	0.00
78) Terphenyl-d14	12.94	244	503551	77.95	ng	0.00
Target Compounds						
10) Phenol	6.47	94	12795	3.276	ng	Qvalue # 62
49) Dimethylphthalate	9.57	163	63221	8.355	ng	100

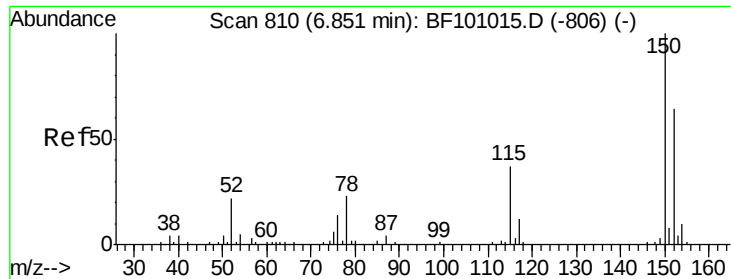
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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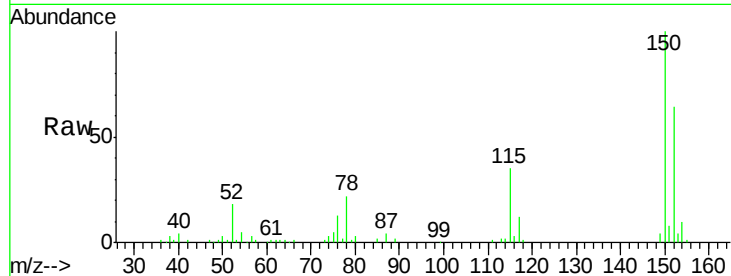


#1

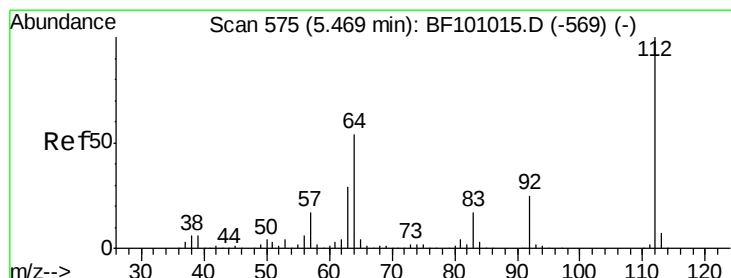
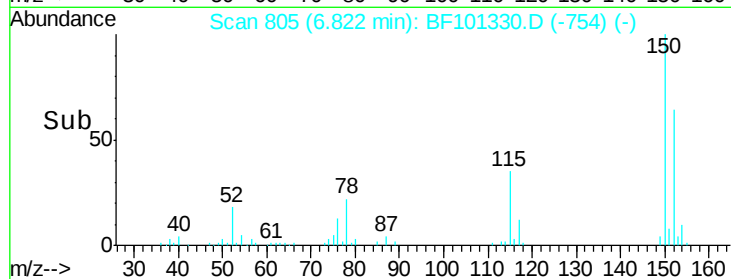
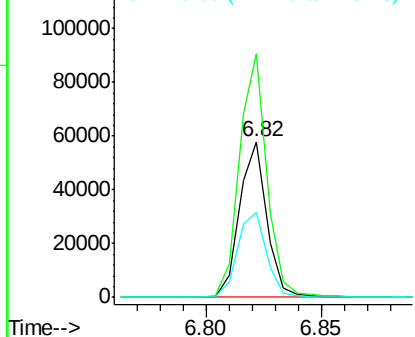
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Instrument :
BNA_F
ClientSampleId :
TR-04-121117

Tot Ion:152 Resp: 47803
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 54.6 50.1 75.1



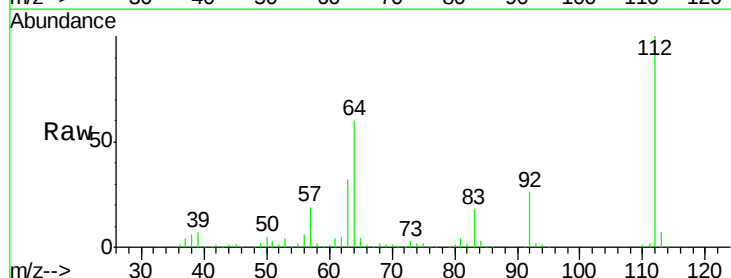
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



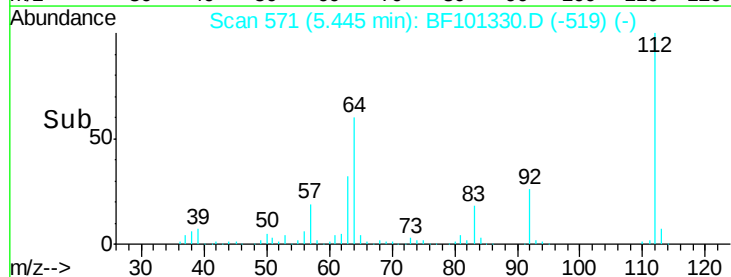
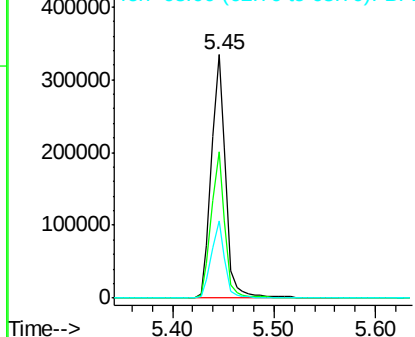
#5

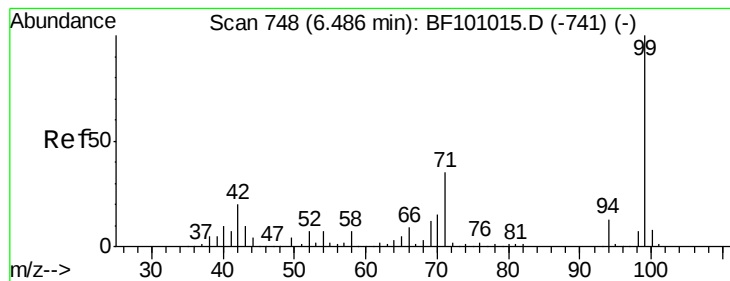
2-Fluorophenol
Concen: 113.579 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion:112 Resp: 328569
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.5 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: 113.055 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

TR-04-121117

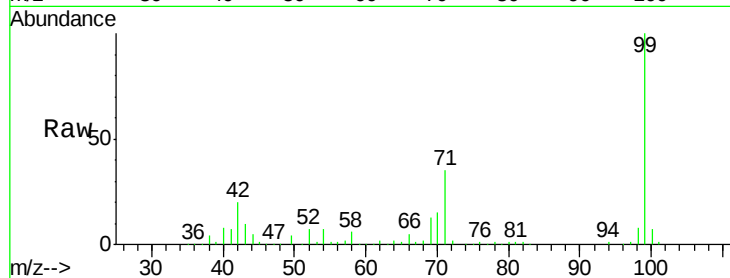
Tot Ion: 99 Resp: 397073

Ion Ratio Lower Upper

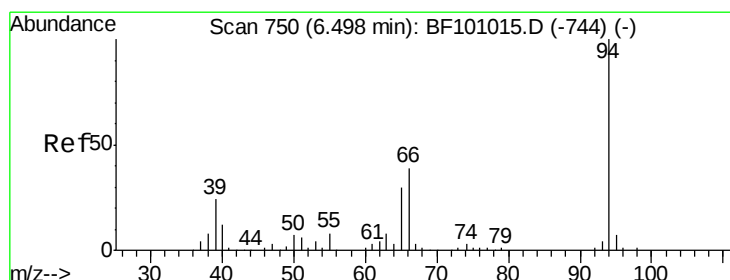
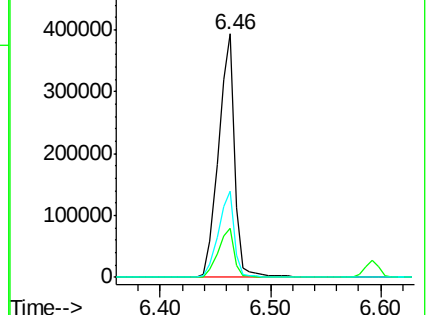
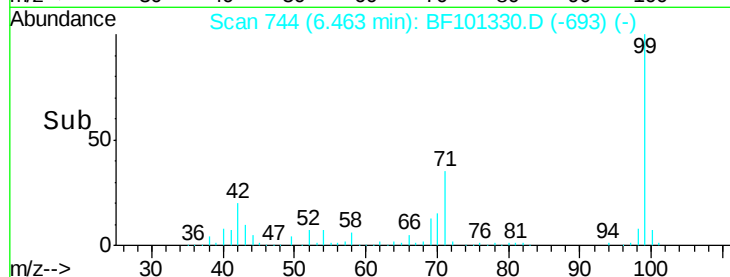
99 100

42 20.2 14.5 21.7

71 35.2 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



#10

Phenol

Concen: 3.276 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

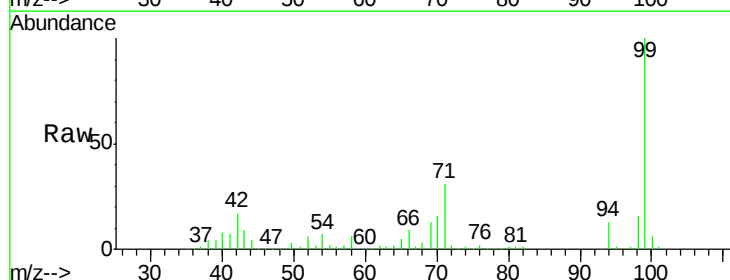
Tgt Ion: 94 Resp: 12795

Ion Ratio Lower Upper

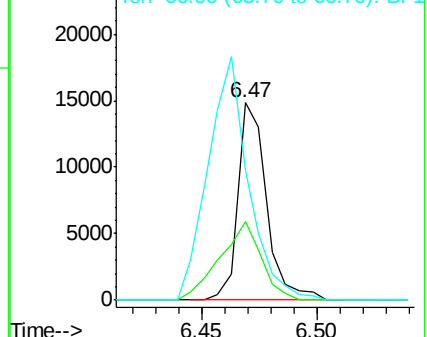
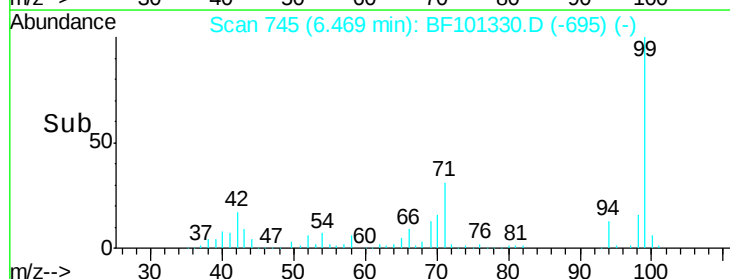
94 100

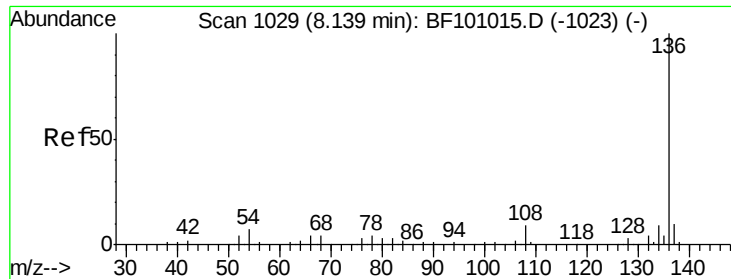
65 39.7 7.9 47.9

66 65.9 16.2 56.2#



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

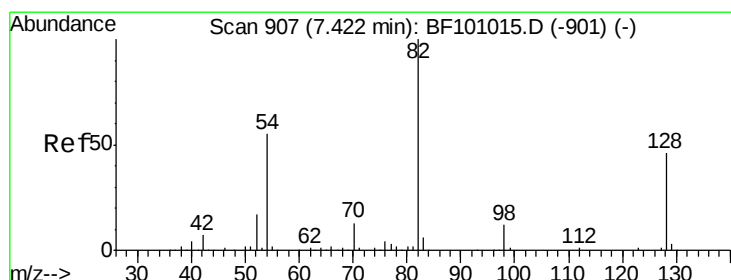
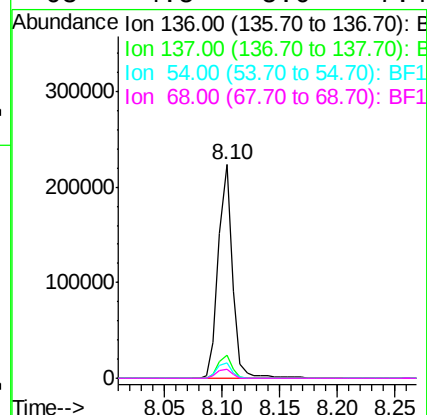
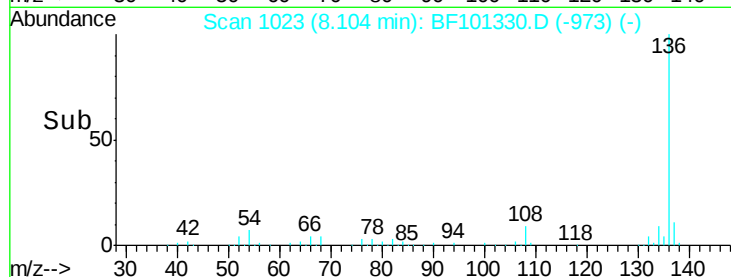
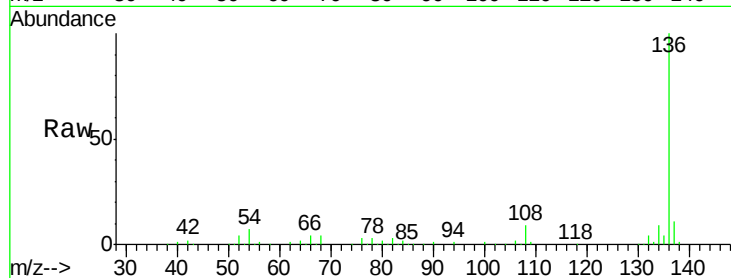




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

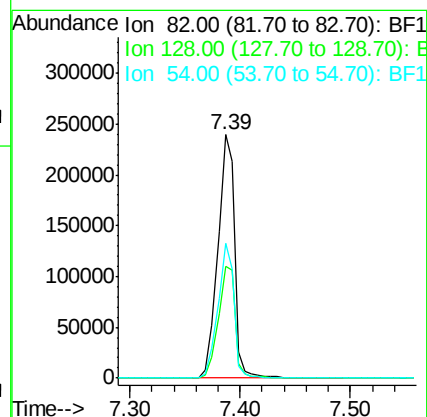
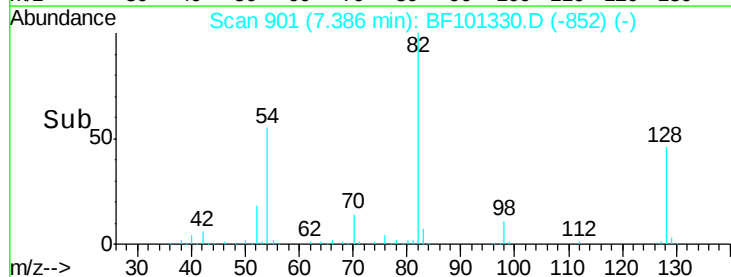
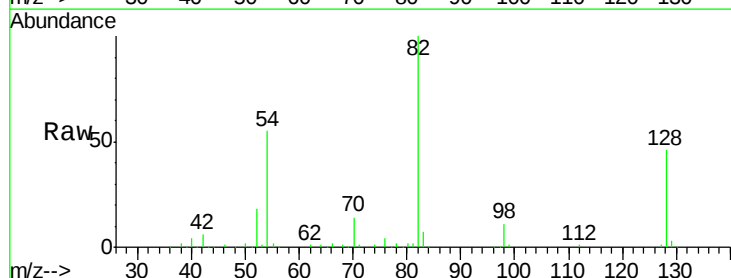
Instrument :
BNA_F
ClientSampleId :
TR-04-121117

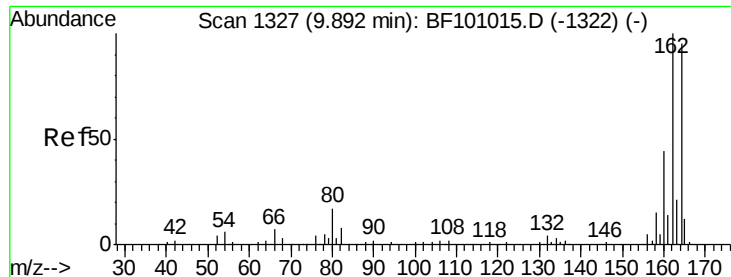
Tot Ion:136	Resp:	191191
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.3	6.6 9.8
68	4.5	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 77.618 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion: 82	Resp:	248768
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	55.2	41.4 62.2

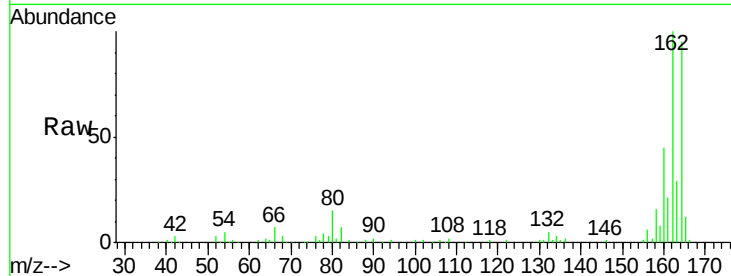




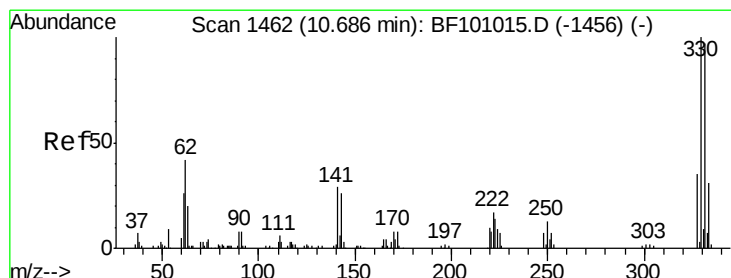
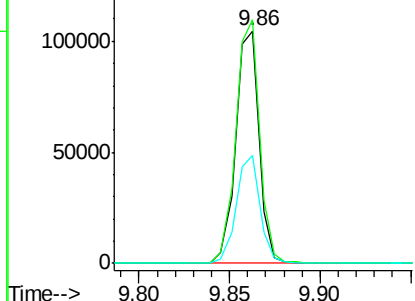
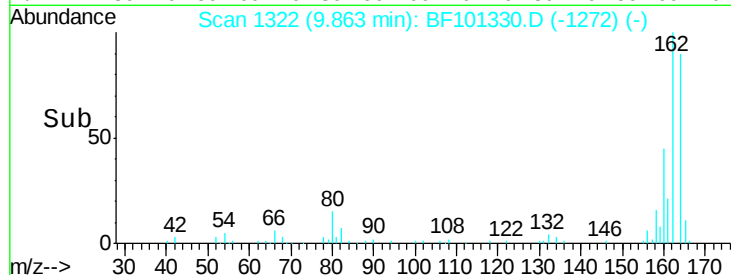
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Instrument :
BNA_F
ClientSampleId :
TR-04-121117

Tot Ion:164 Resp: 93831
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.7 38.3 57.5

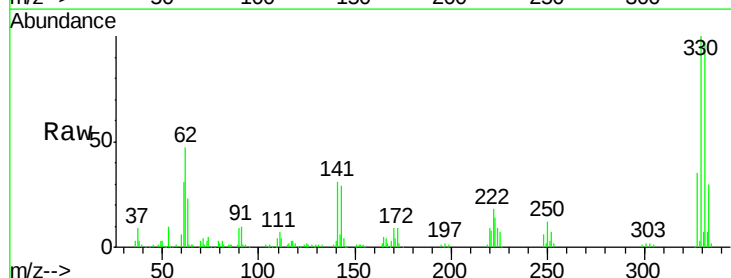


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

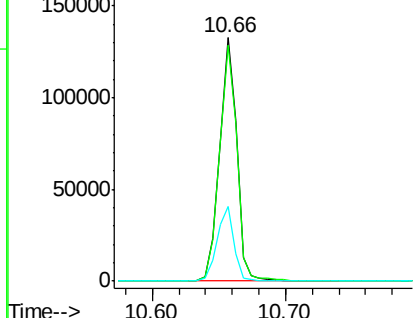
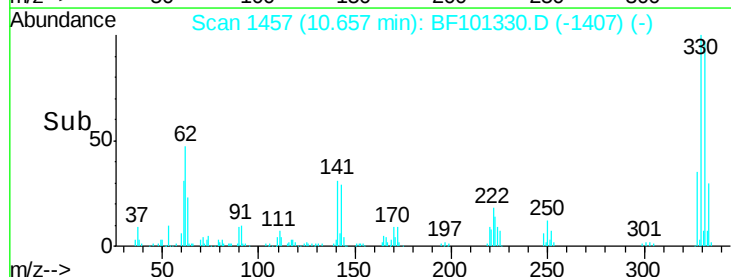


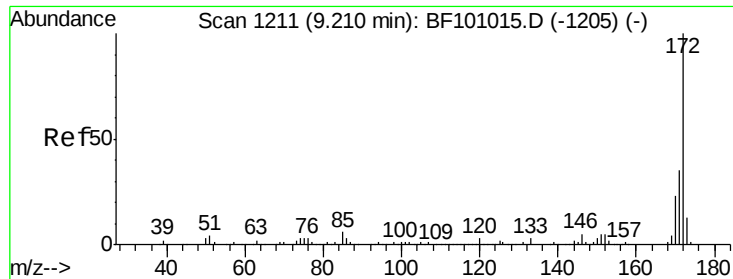
#41
2,4,6-Tribromophenol
Concen: 108.025 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion:330 Resp: 121763
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 30.0 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

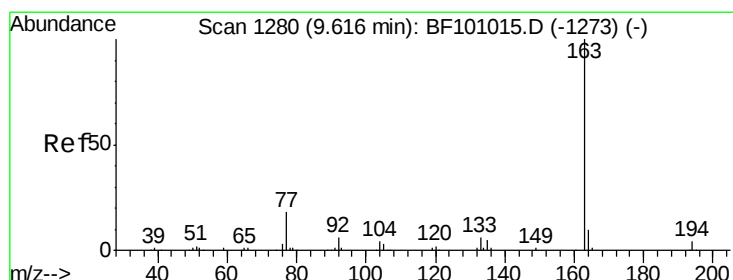
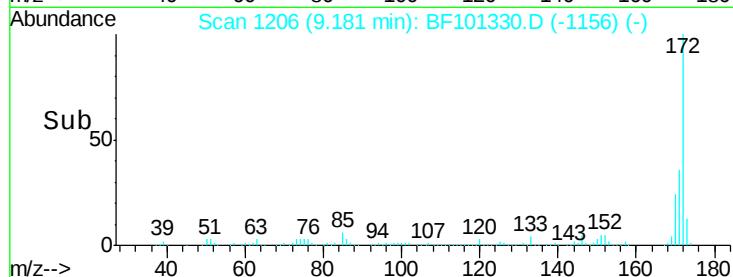
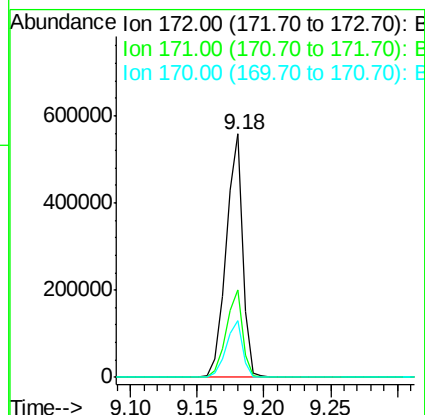
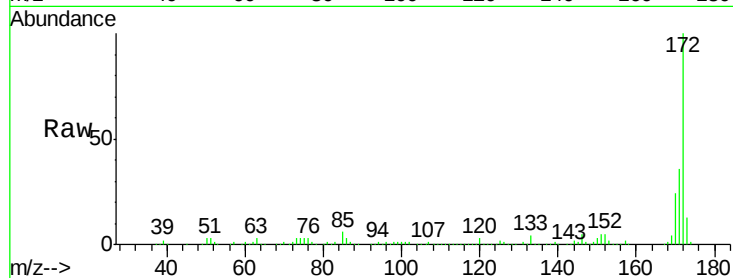




#44
2-Fluorobiphenyl
Concen: 71.474 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

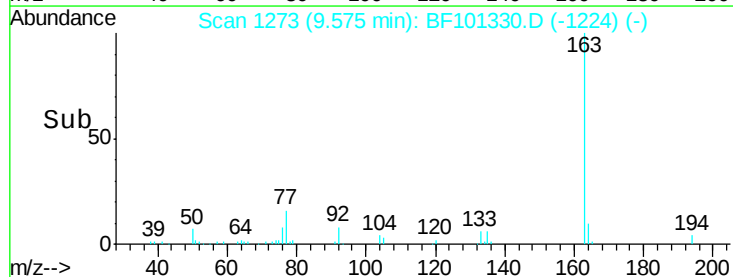
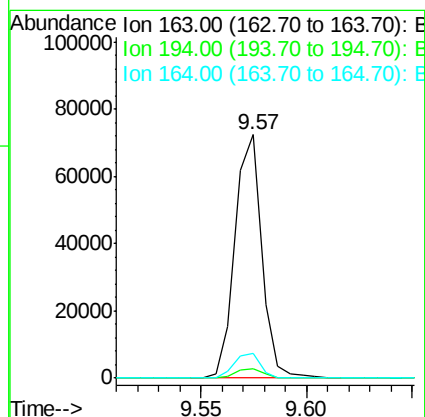
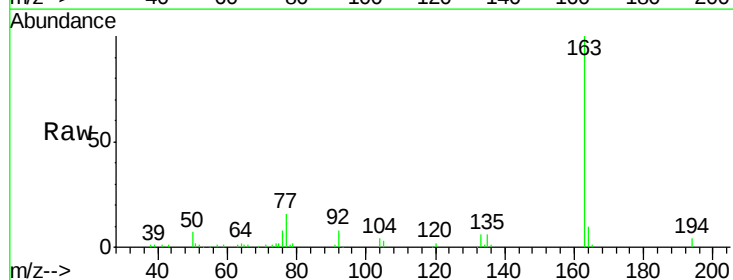
Instrument :
BNA_F
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TR-04-121117

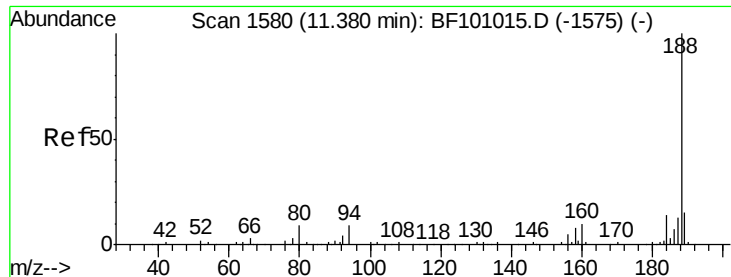
Tot Ion:172 Resp: 490165
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.355 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion:163 Resp: 63221
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

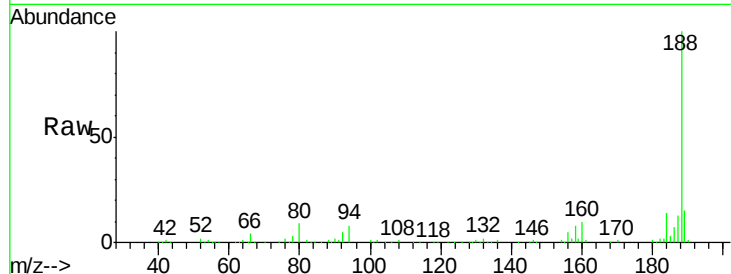




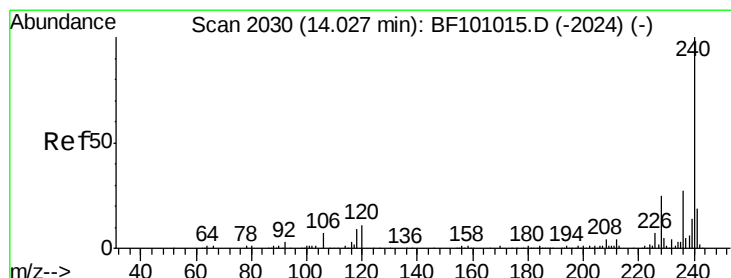
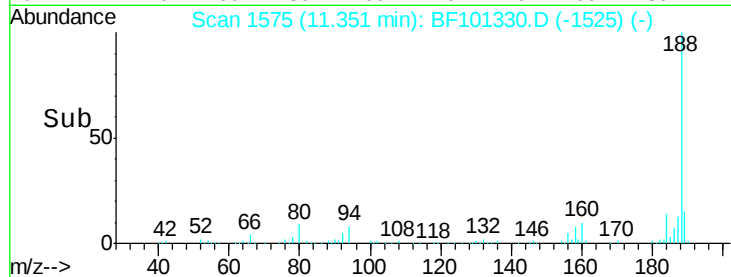
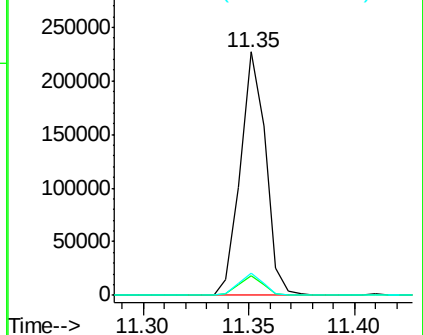
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Instrument :
BNA_F
ClientSampleId :
TR-04-121117

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8#

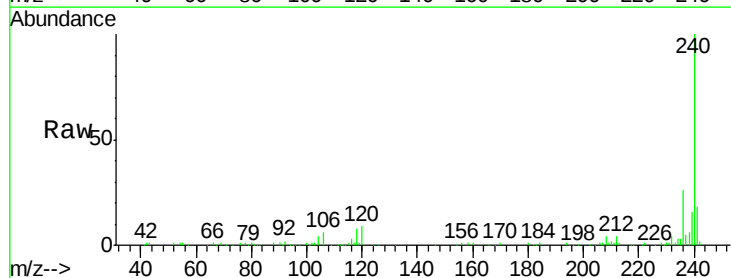


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

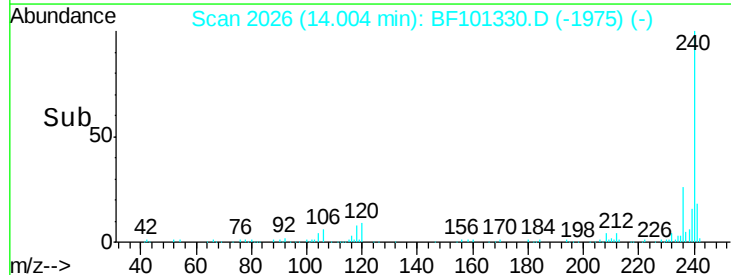
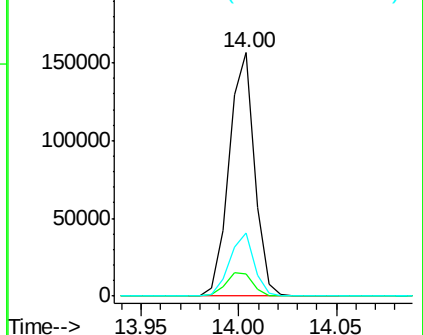


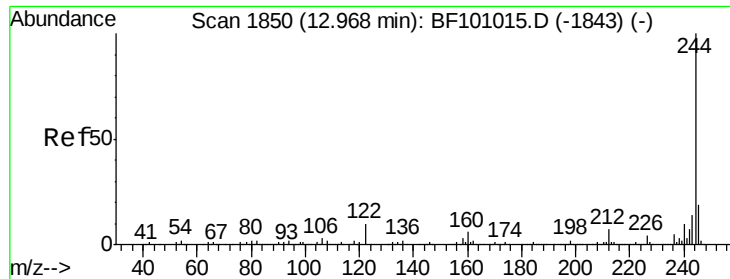
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.1	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: 77.946 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

TR-04-121117

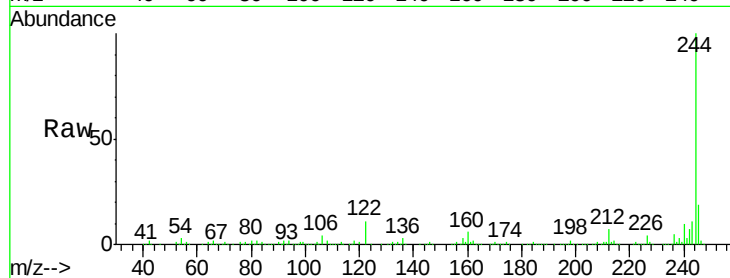
Tot Ion:244 Resp: 503551

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

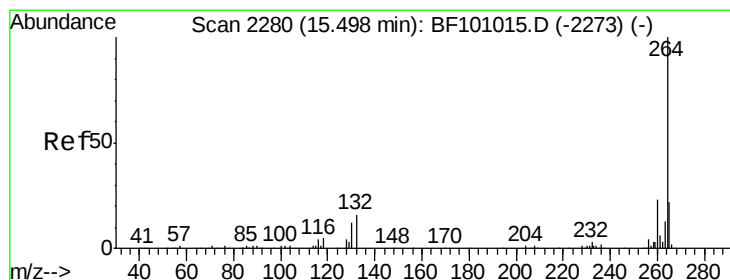
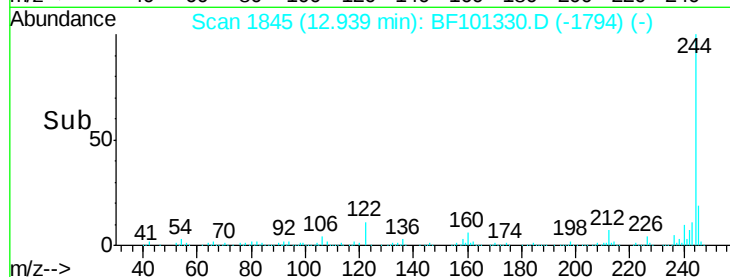
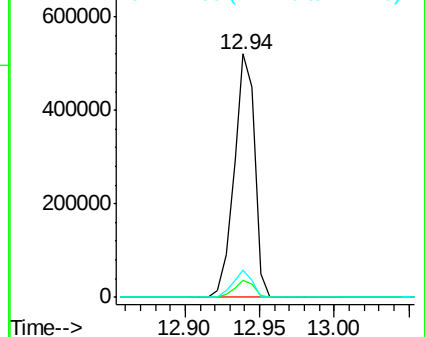
122 11.2 11.0 16.4



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: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

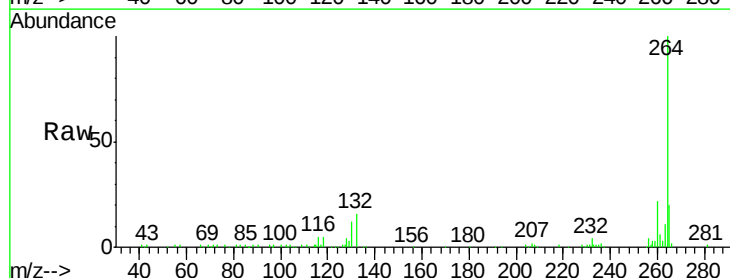
Tgt Ion:264 Resp: 116383

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.4 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

