

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102888.D
 Acq On : 9 Feb 2018 15:00
 Operator : SJ/JU
 Sample : J1475-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Feb 09 16:24:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

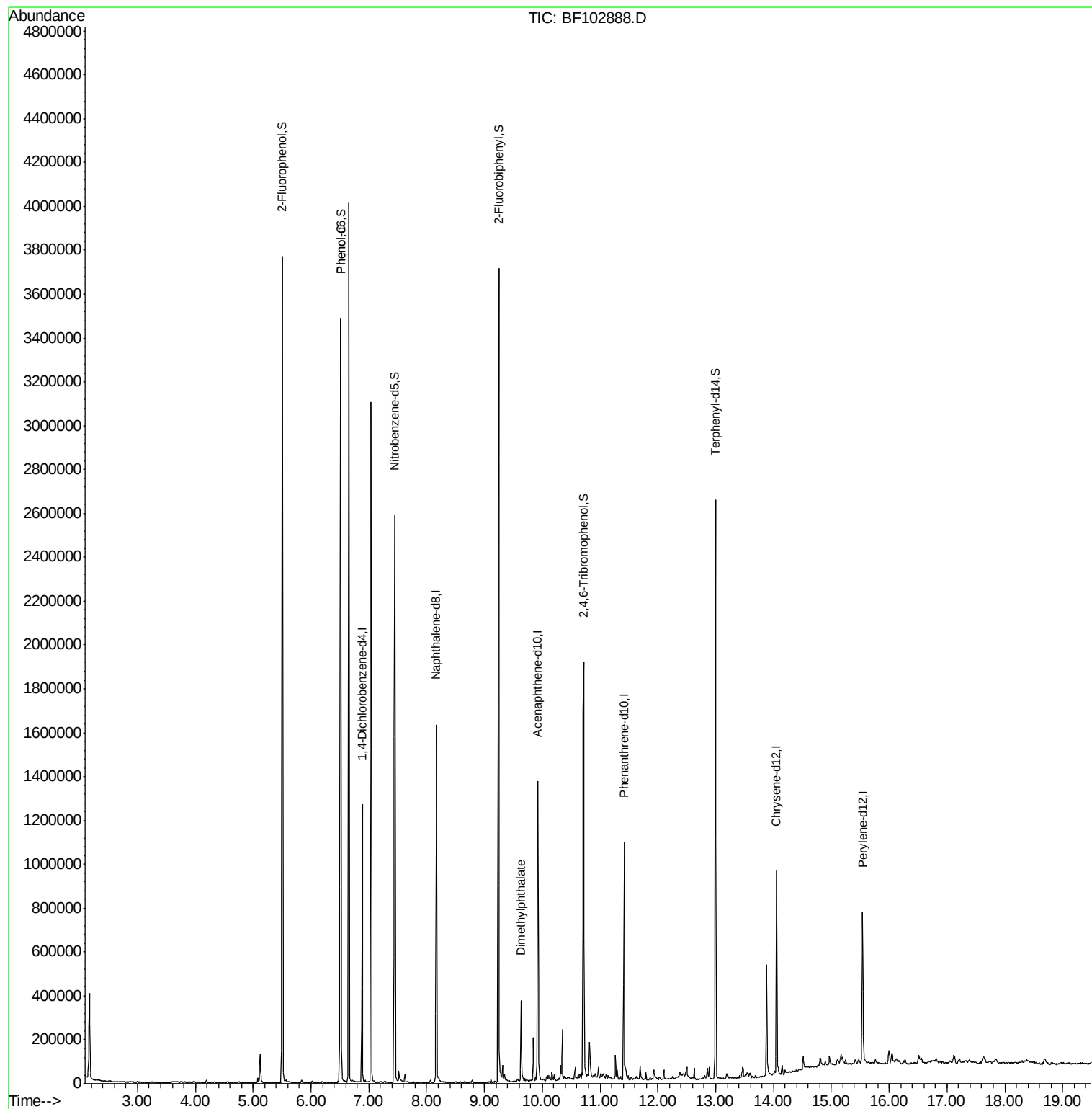
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166394	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	699999	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	287222	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	415753	20.00	ng	0.00
75) Chrysene-d12	14.05	240	305811	20.00	ng	0.00
86) Perylene-d12	15.54	264	310874	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1095553	99.99	ng	0.01
7) Phenol-d6	6.52	99	1284220	97.34	ng	0.01
23) Nitrobenzene-d5	7.45	82	885793	87.78	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	204321	88.38	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1242150	71.76	ng	0.00
78) Terphenyl-d14	13.00	244	805107	62.34	ng	0.00
Target Compounds						
10) Phenol	6.52	94	40442	2.860	ng	79
49) Dimethylphthalate	9.63	163	128228	5.726	ng	99

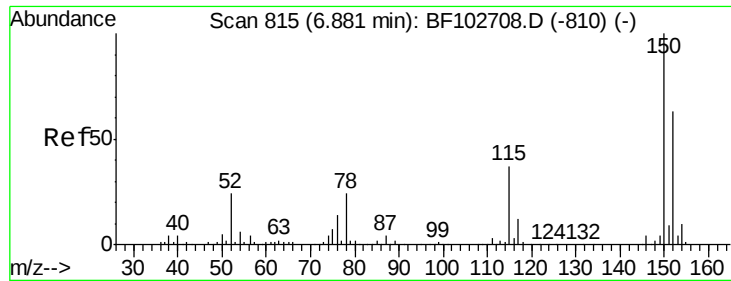
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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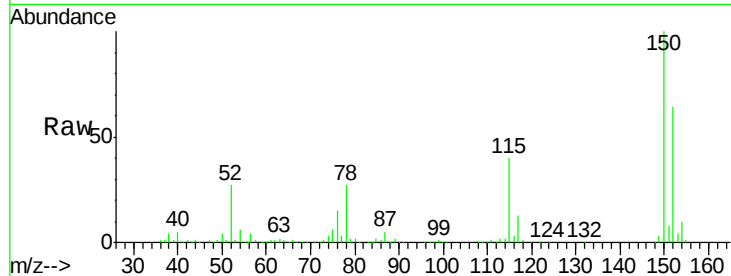


#1

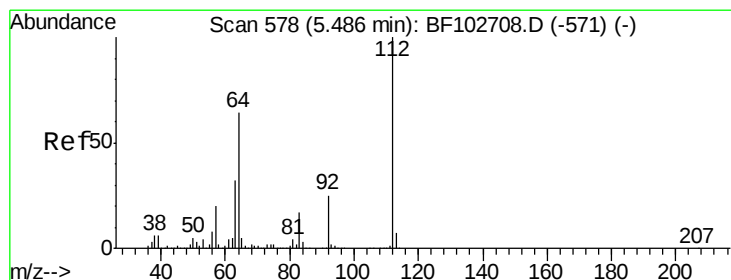
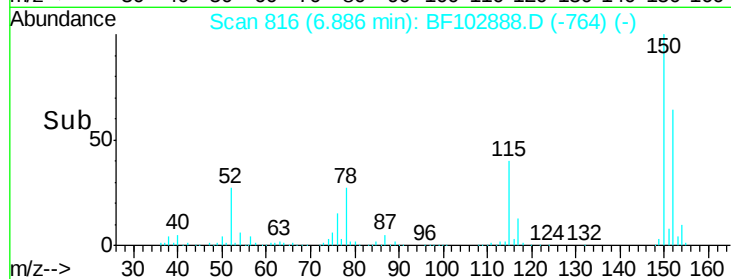
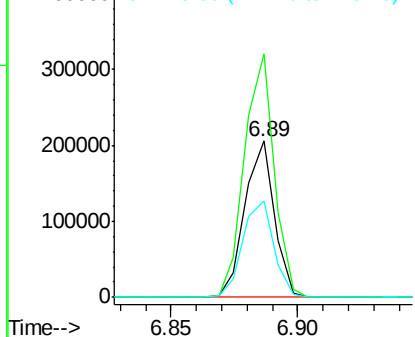
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 166394
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.1 50.1 75.1



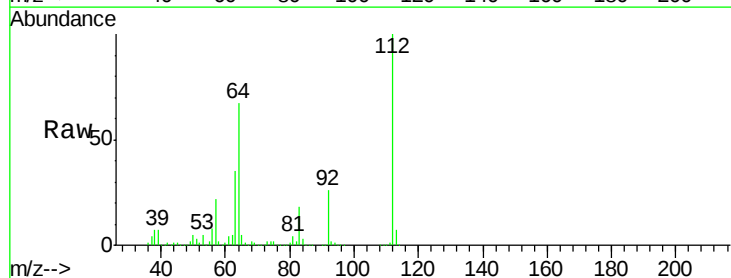
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



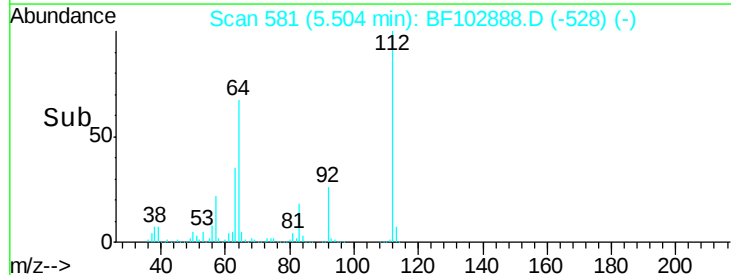
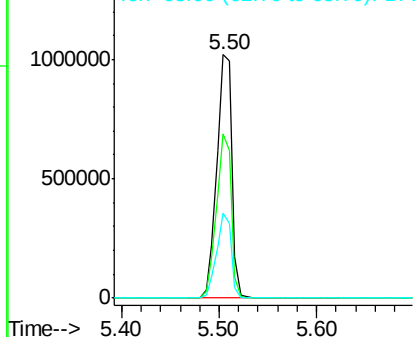
#5

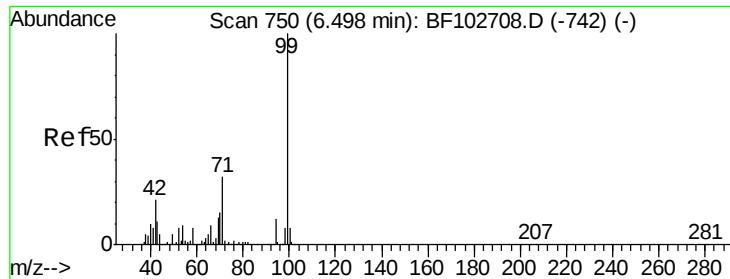
2-Fluorophenol
Concen: 99.990 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

Tgt Ion:112 Resp: 1095553
Ion Ratio Lower Upper
112 100
64 67.3 47.9 71.9
63 34.9 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: 97.345 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

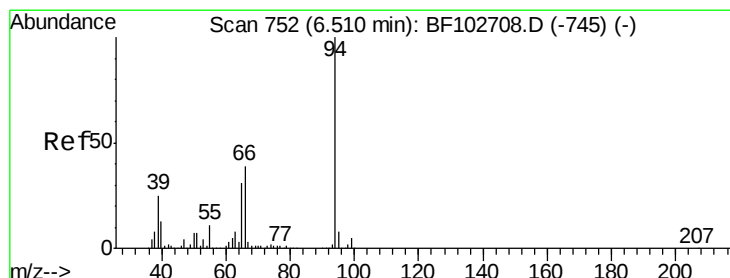
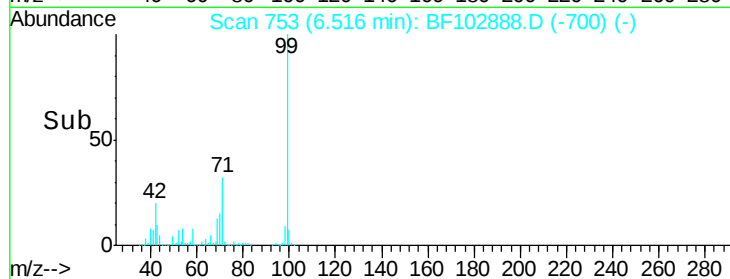
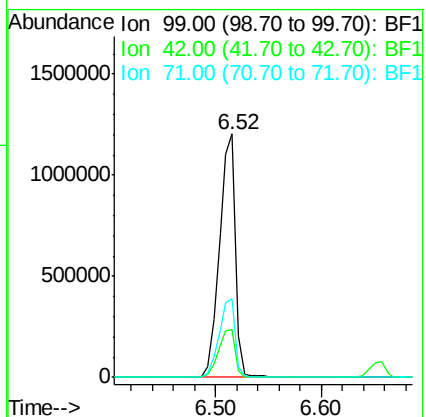
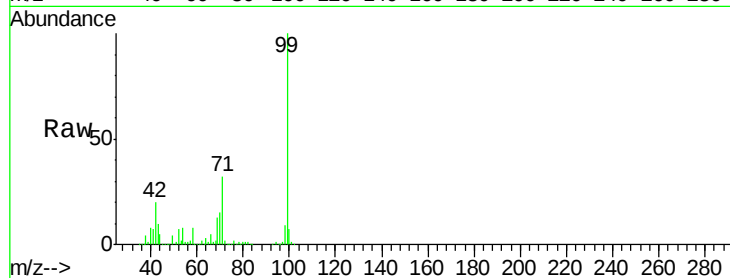
Tot Ion: 99 Resp: 1284220

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.1	25.4	38.0

99 100

42 19.8 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 2.860 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

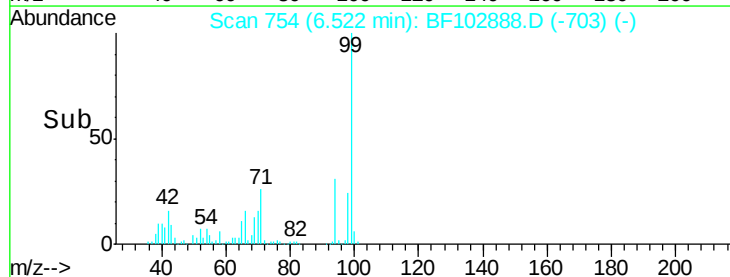
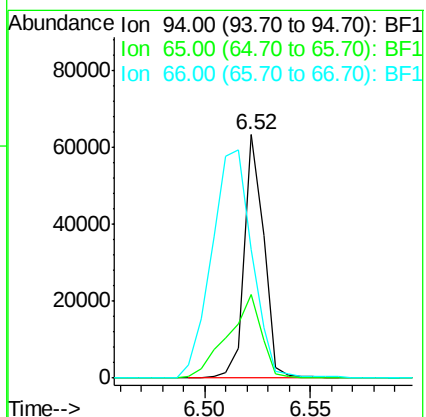
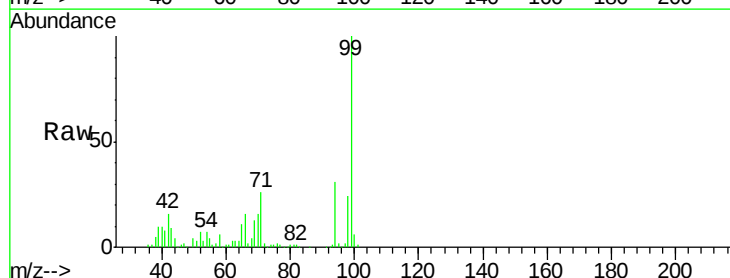
Tgt Ion: 94 Resp: 40442

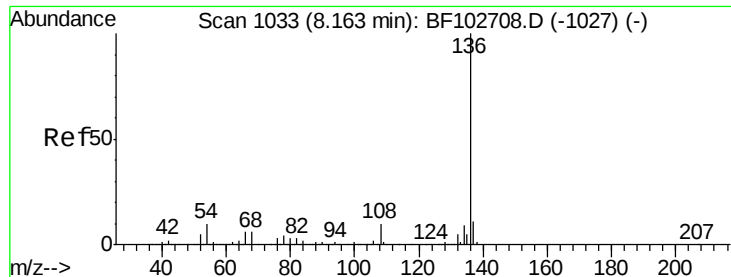
Ion	Ratio	Lower	Upper
94	100		
65	34.6	7.9	47.9
66	52.7	16.2	56.2

94 100

65 34.6 7.9 47.9

66 52.7 16.2 56.2

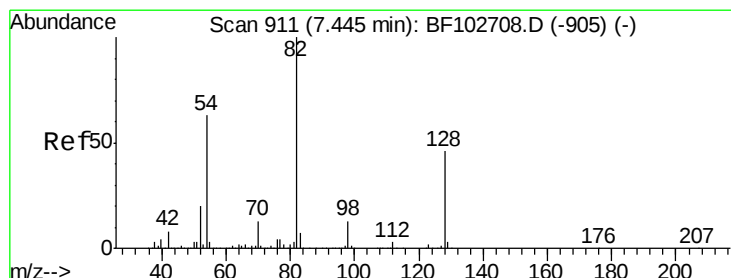
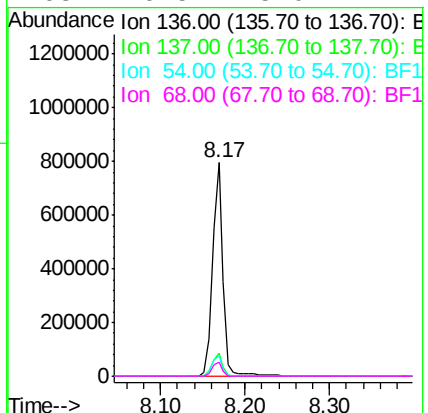
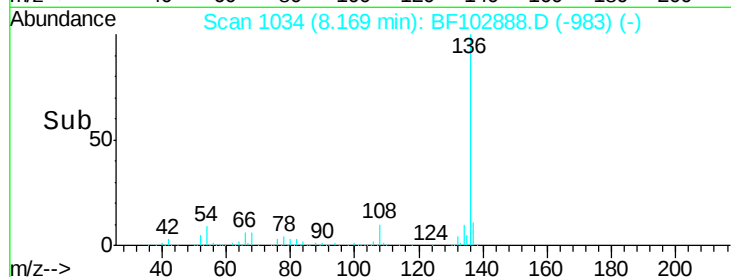
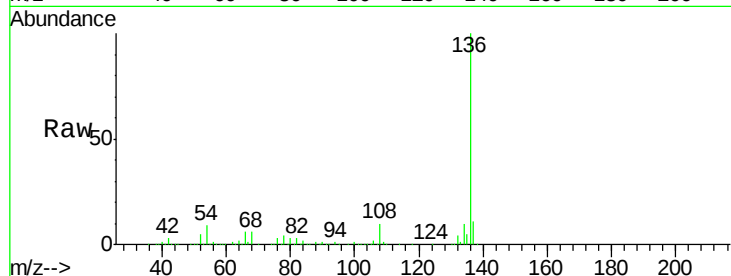




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

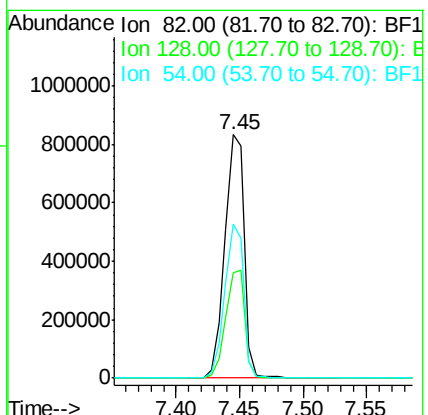
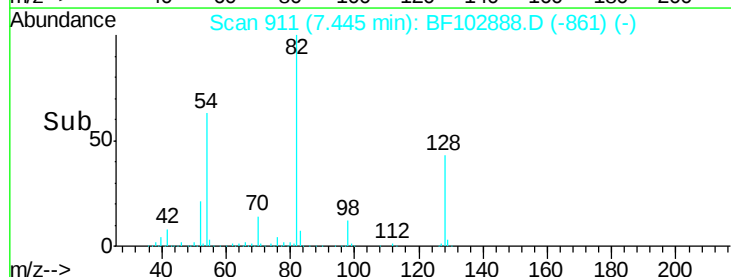
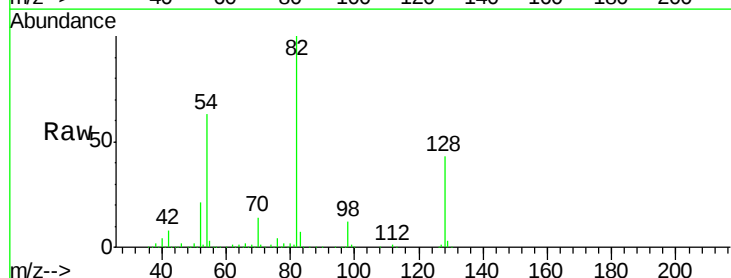
Instrument :
BNA_F
ClientSampleId :
COMP-1

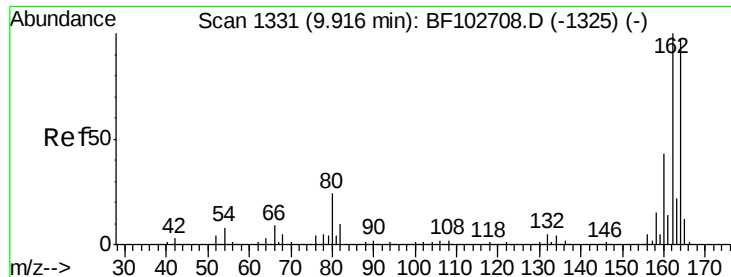
Tot Ion:136	Resp:	699999
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.3	6.6 9.8
68	6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 87.783 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

Tgt Ion: 82	Resp:	885793
Ion Ratio	Lower	Upper
82	100	
128	43.2	36.1 54.1
54	63.2	41.4 62.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

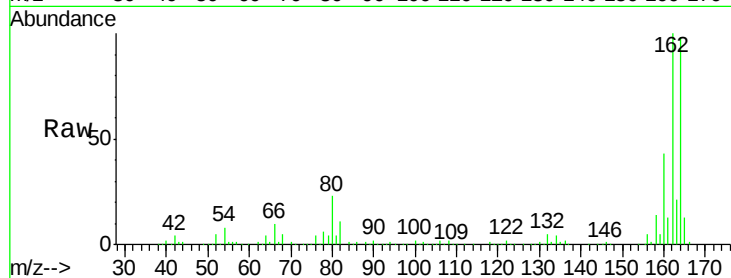
Tot Ion:164 Resp: 287222

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

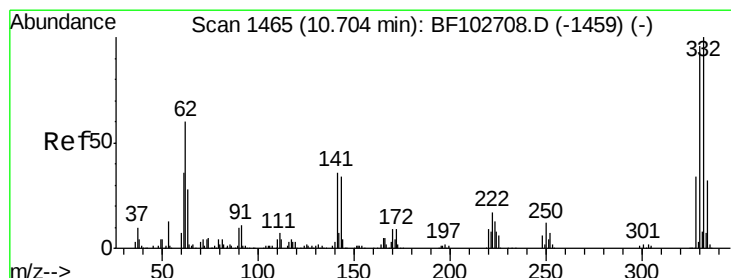
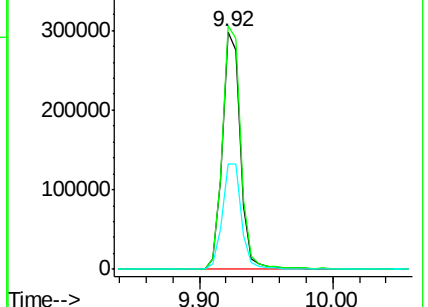
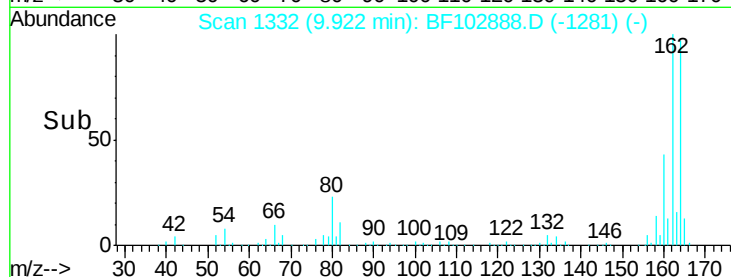
160 44.2 38.3 57.5



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: 88.382 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

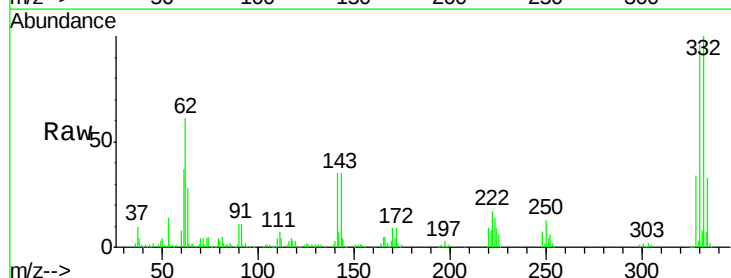
Tgt Ion:330 Resp: 204321

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

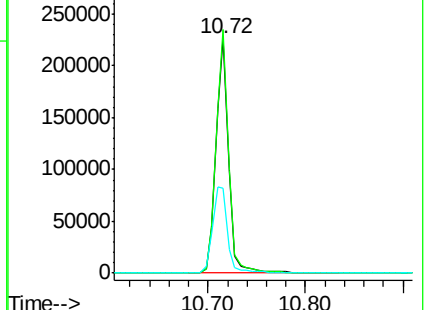
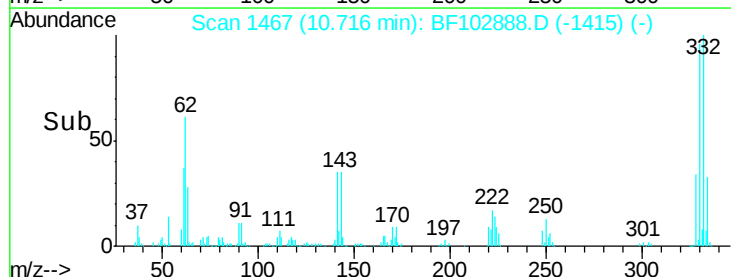
141 42.8 29.9 44.9

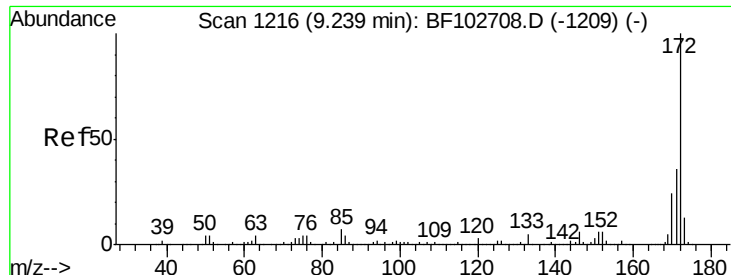


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

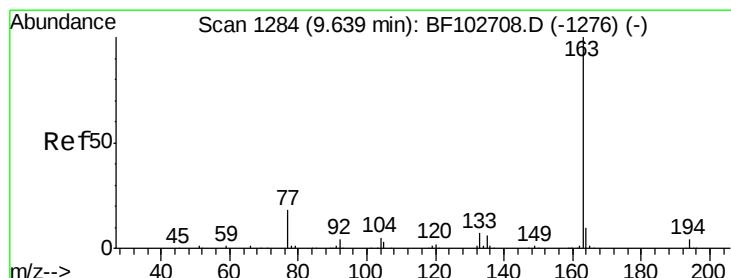
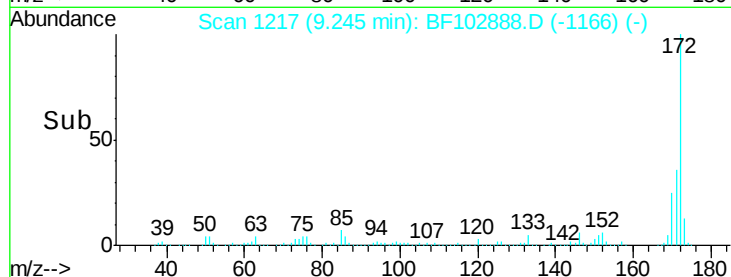
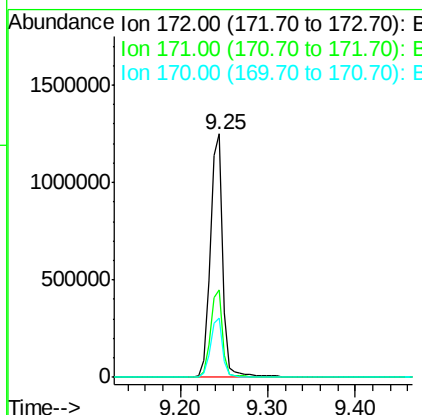
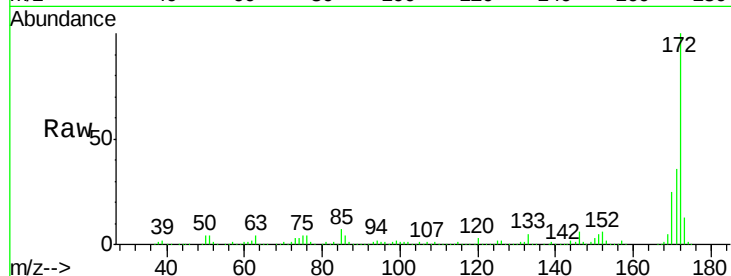




#44
2-Fluorobiphenyl
Concen: 71.762 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

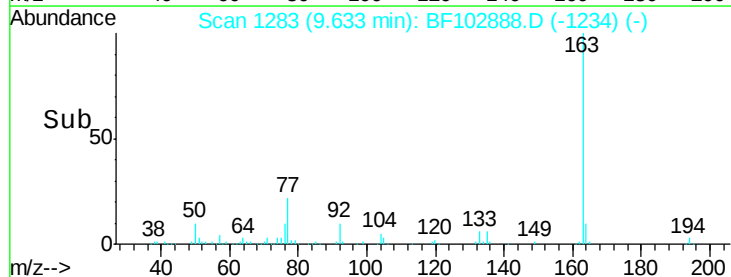
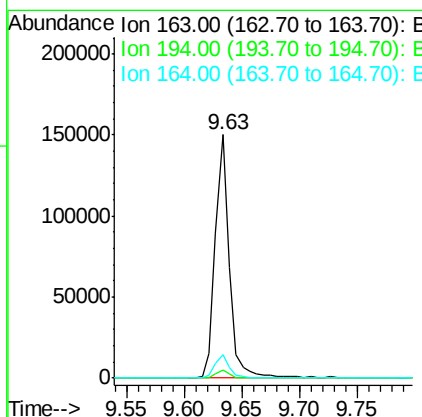
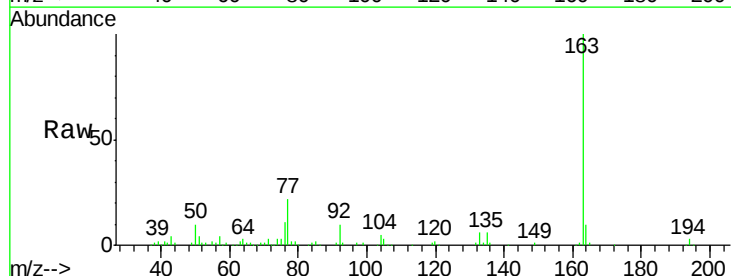
Instrument :
BNA_F
ClientSampleId :
COMP-1

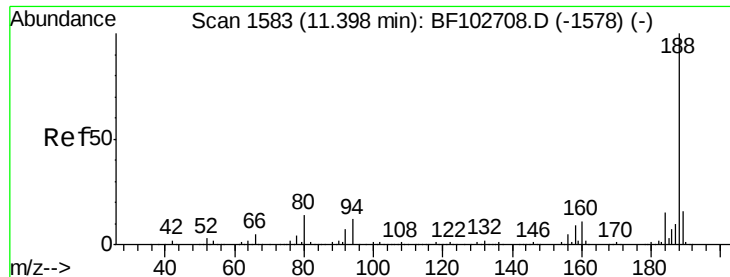
Tot Ion:172 Resp: 1242150
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.6 19.6 29.4



#49
Dimethylphthalate
Concen: 5.726 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

Tgt Ion:163 Resp: 128228
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

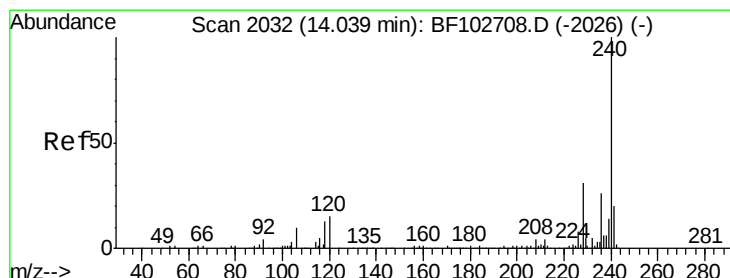
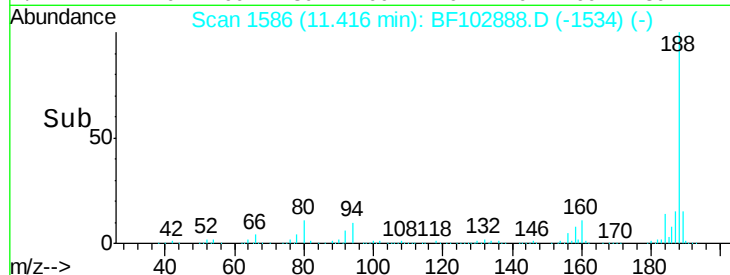
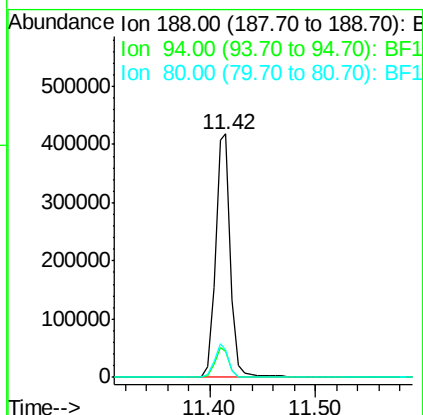
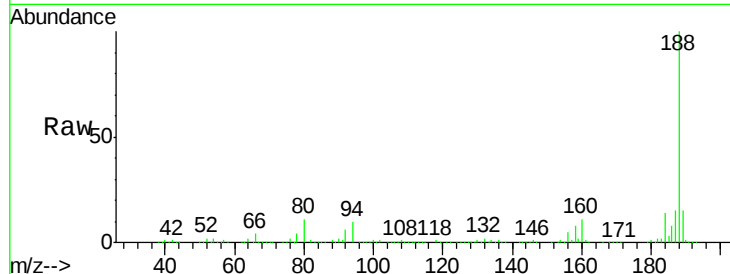




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

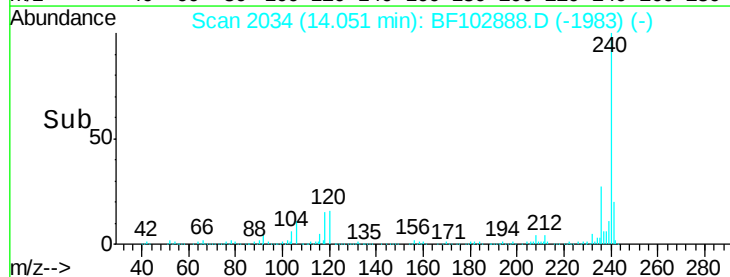
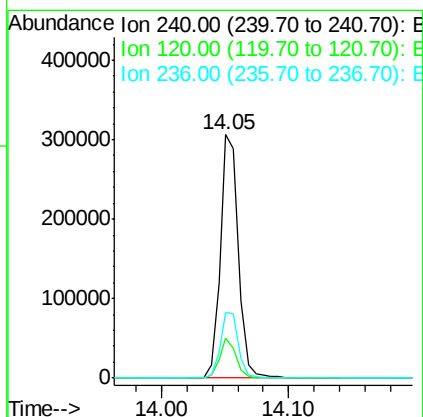
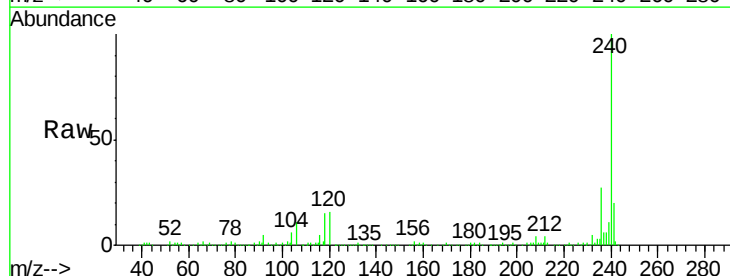
Instrument :
BNA_F
ClientSampled :
COMP-1

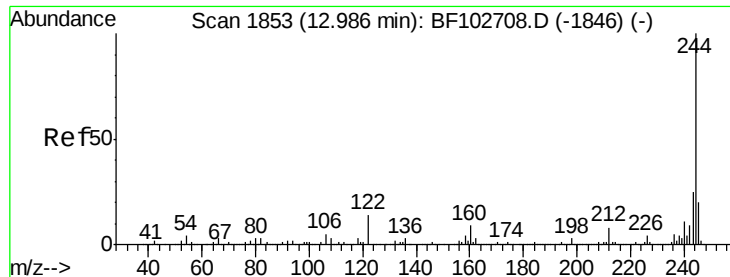
Tot Ion:188 Resp: 415753
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102888.D
Acq: 9 Feb 2018 15:00

Tgt Ion:240 Resp: 305811
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 62.336 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

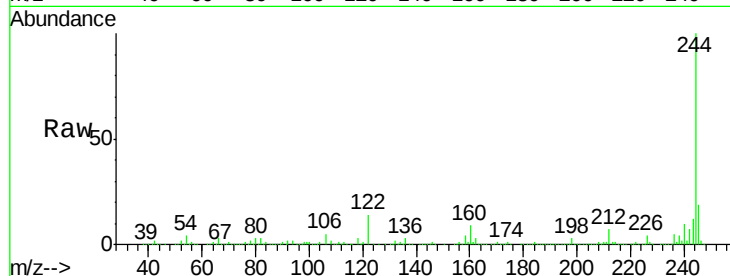
Tot Ion:244 Resp: 805107

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

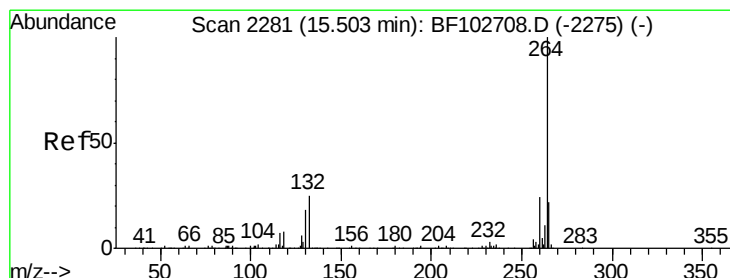
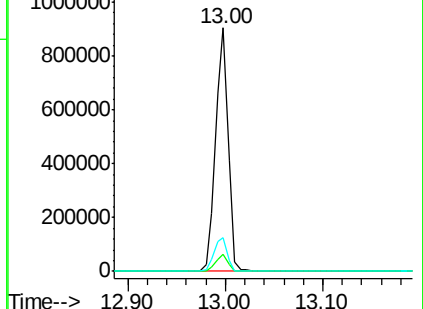
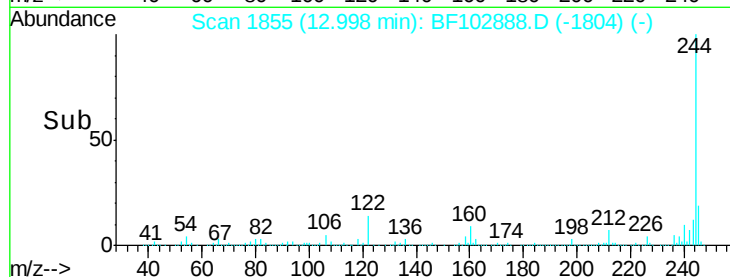
122 14.0 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102888.D

Acq: 9 Feb 2018 15:00

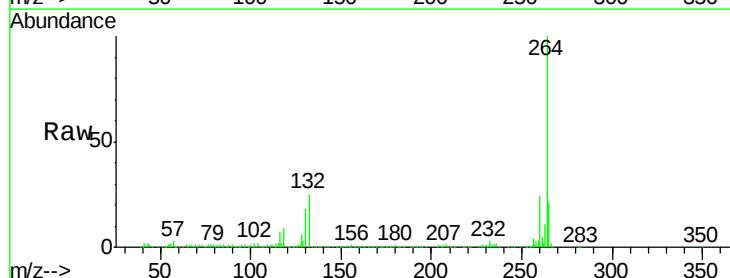
Tgt Ion:264 Resp: 310874

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.7 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

