

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102868.D
 Acq On : 8 Feb 2018 20:43
 Operator : SJ/JU
 Sample : J1471-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-16

Quant Time: Feb 09 00:57:11 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

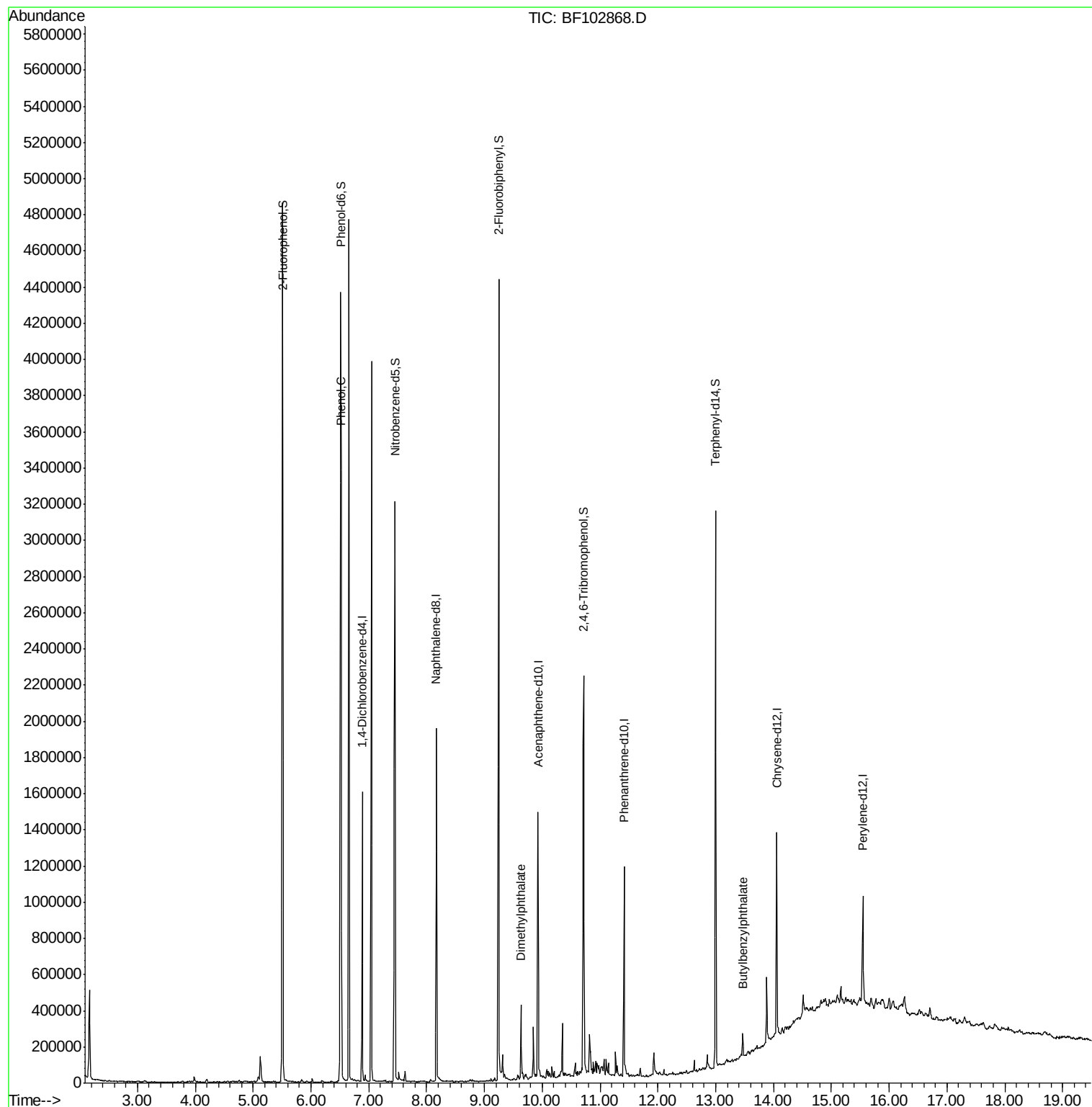
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	196015	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	789447	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	307973	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	426813	20.00	ng	0.00
75) Chrysene-d12	14.06	240	369887	20.00	ng	0.00
86) Perylene-d12	15.54	264	280284	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1399551	108.43	ng	0.02
7) Phenol-d6	6.52	99	1669807	107.45	ng	0.01
23) Nitrobenzene-d5	7.45	82	1077332	94.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	235891	95.16	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1434280	77.28	ng	0.00
78) Terphenyl-d14	13.00	244	963353	61.67	ng	0.00
Target Compounds						
10) Phenol	6.53	94	114736	6.889	ng	95
49) Dimethylphthalate	9.63	163	128744	5.361	ng	99
79) Butylbenzylphthalate	13.47	149	19028	2.367	ng	# 86

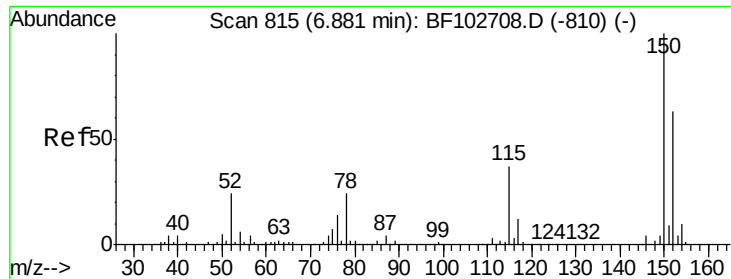
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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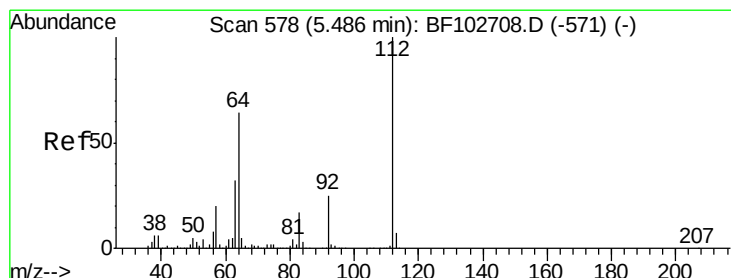
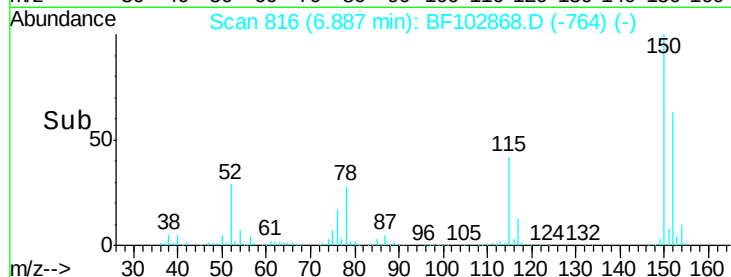
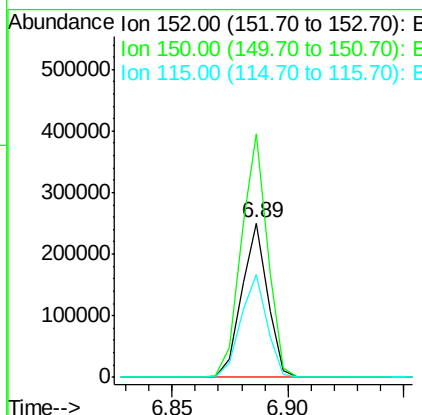
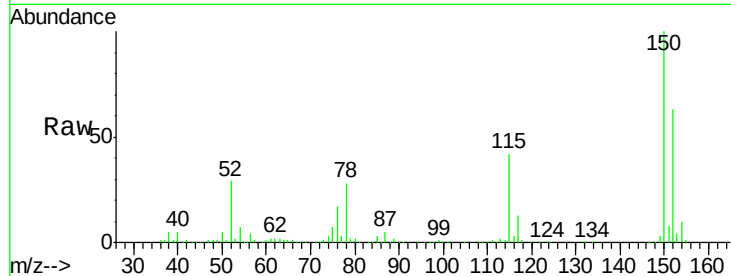


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Instrument :
BNA_F
ClientSampleId :
3N-16

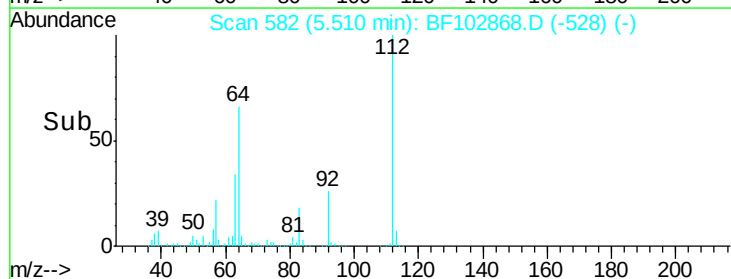
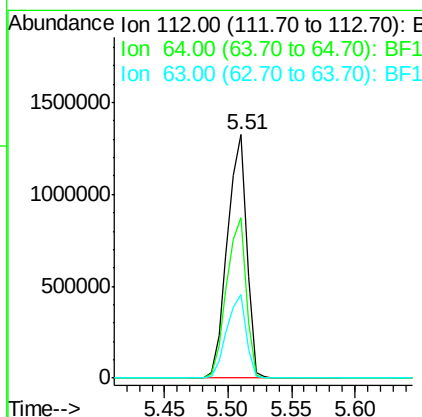
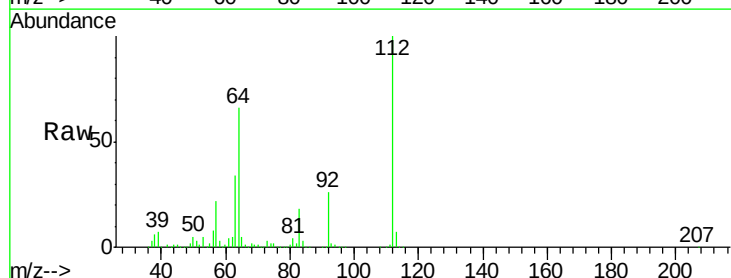
Tgt Ion:152 Resp: 196015
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 66.2 50.1 75.1

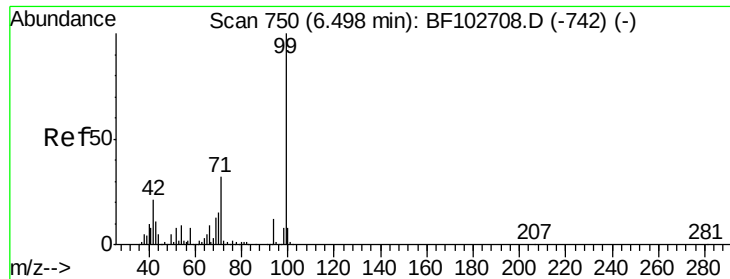


#5

2-Fluorophenol
Concen: 108.433 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Tgt Ion:112 Resp: 1399551
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 34.4 23.7 35.5





#7

Phenol-d6

Concen: 107.446 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102868.D

Acq: 8 Feb 2018 20:43

Instrument :

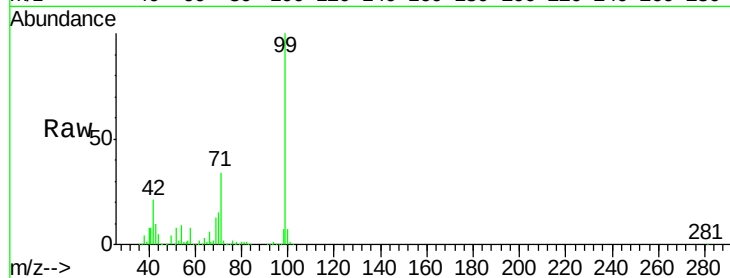
BNA_F

ClientSampleId :

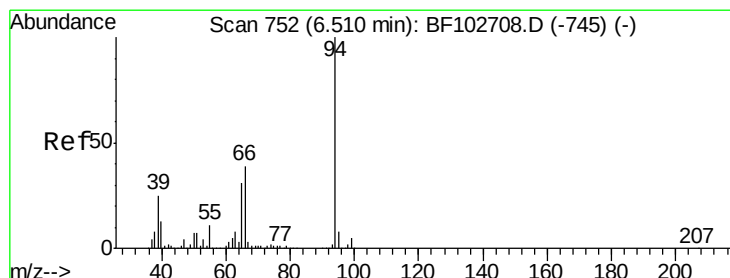
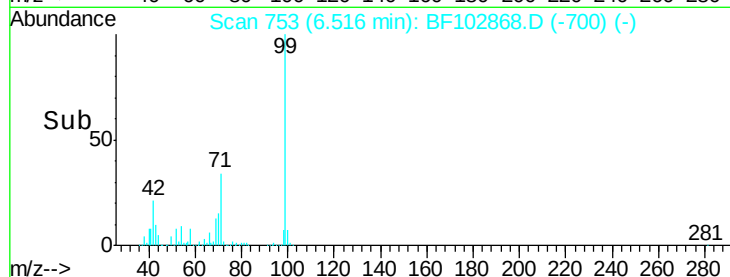
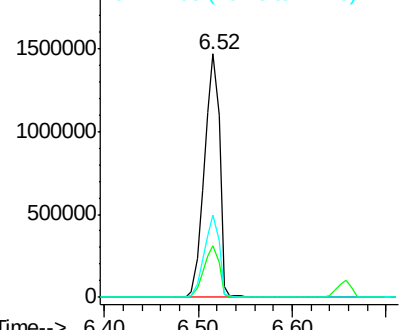
3N-16

Tgt Ion: 99 Resp: 1669807

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	33.9	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: 6.889 ng

RT: 6.53 min Scan# 755

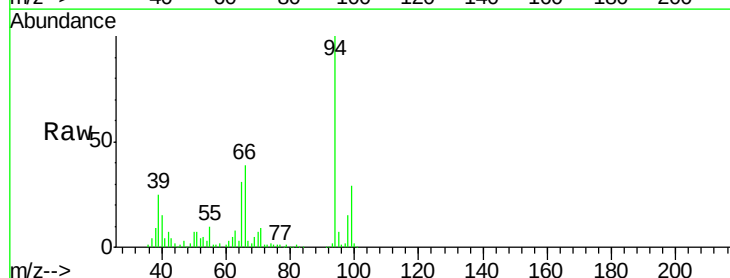
Delta R.T. 0.01 min

Lab File: BF102868.D

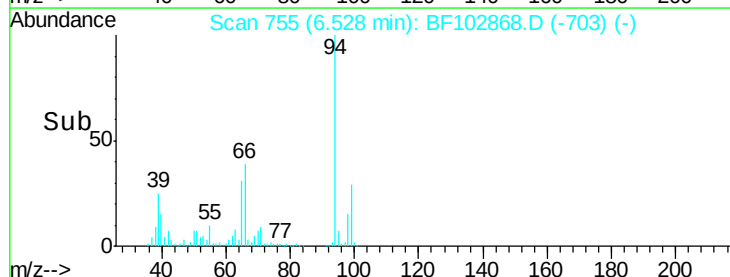
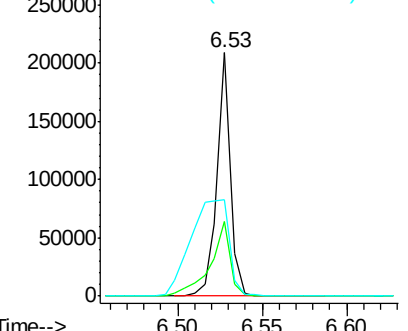
Acq: 8 Feb 2018 20:43

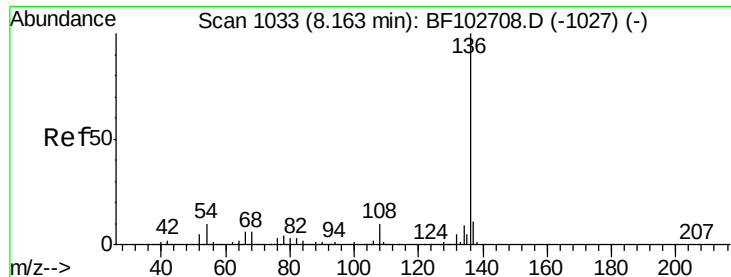
Tgt Ion: 94 Resp: 114736

Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	39.4	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

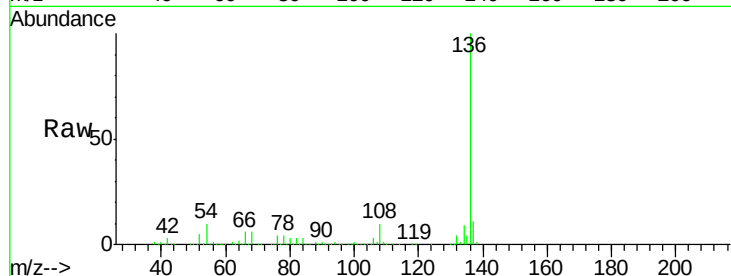




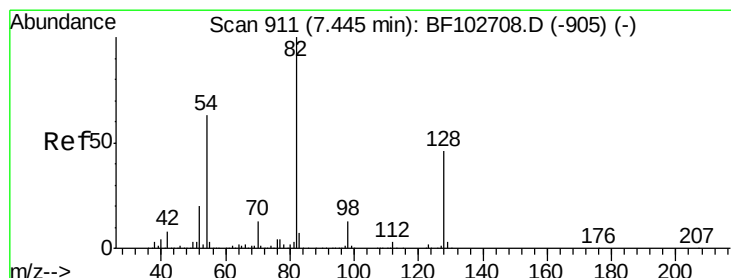
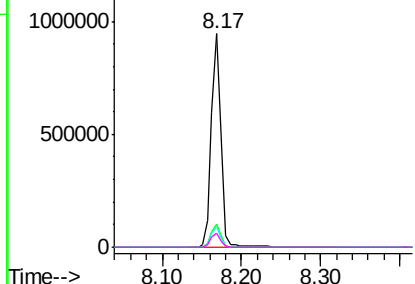
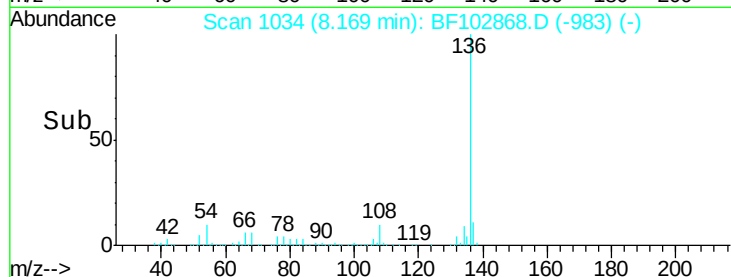
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Instrument :
BNA_F
ClientSampleId :
3N-16

Tgt Ion:	136	Resp:	789447
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	6.5	5.0	7.4

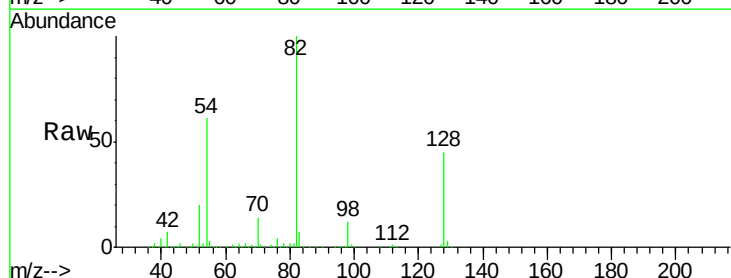


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

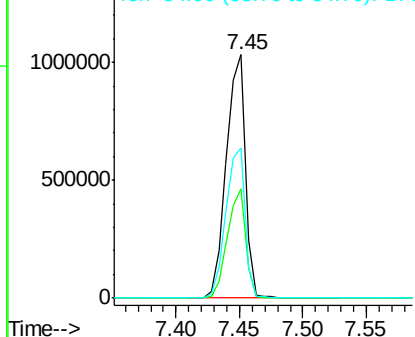
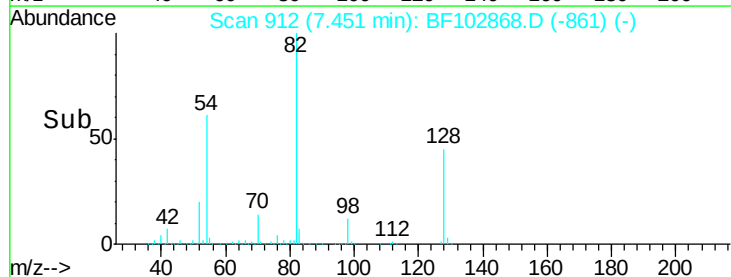


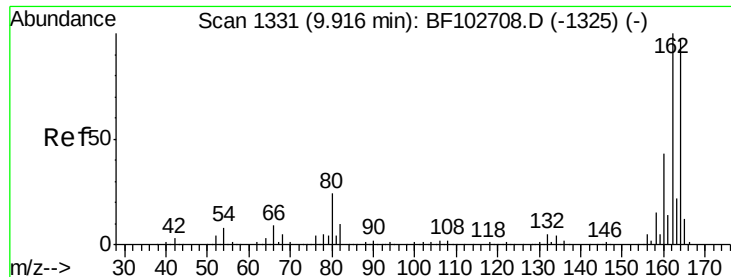
#23
Nitrobenzene-d5
Concen: 94.668 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Tgt Ion:	82	Resp:	1077332
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	61.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102868.D

Acq: 8 Feb 2018 20:43

Instrument :

BNA_F

ClientSampleId :

3N-16

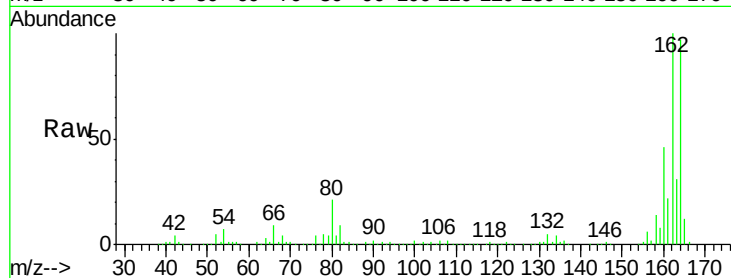
Tgt Ion:164 Resp: 307973

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

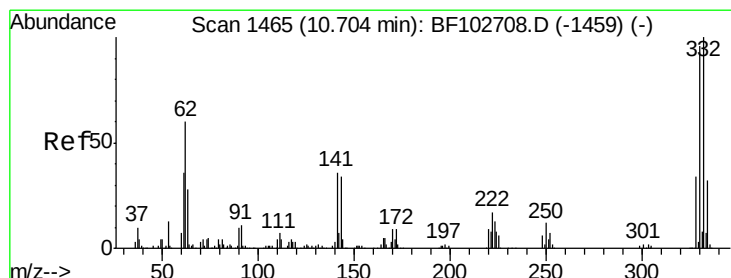
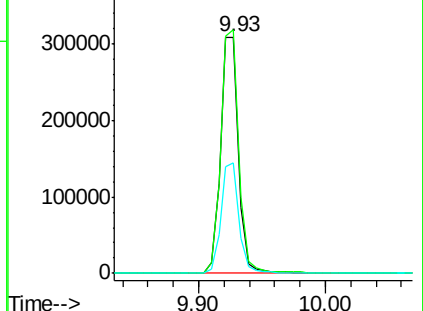
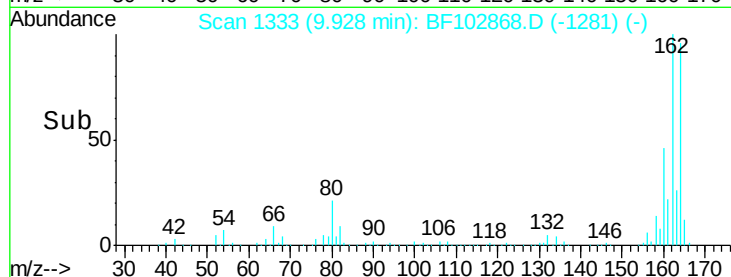
160 46.9 38.3 57.5



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: 95.163 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102868.D

Acq: 8 Feb 2018 20:43

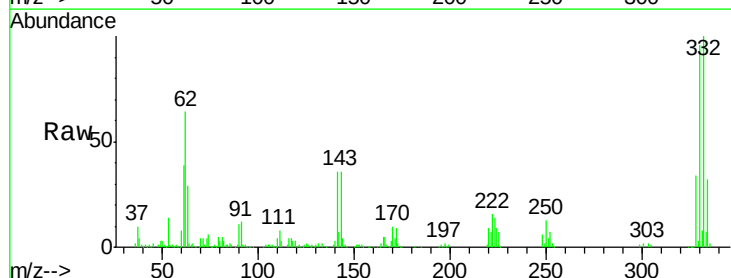
Tgt Ion:330 Resp: 235891

Ion Ratio Lower Upper

330 100

332 104.6 77.0 115.6

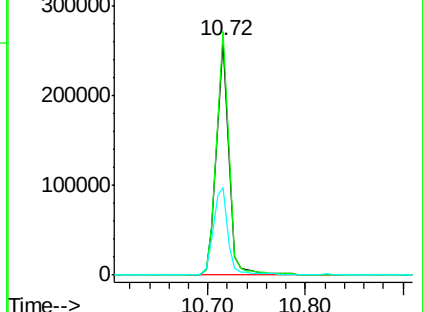
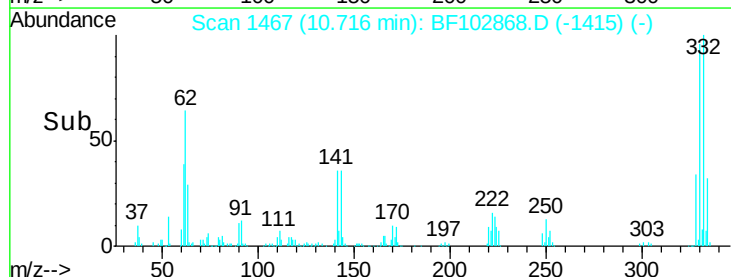
141 43.8 29.9 44.9

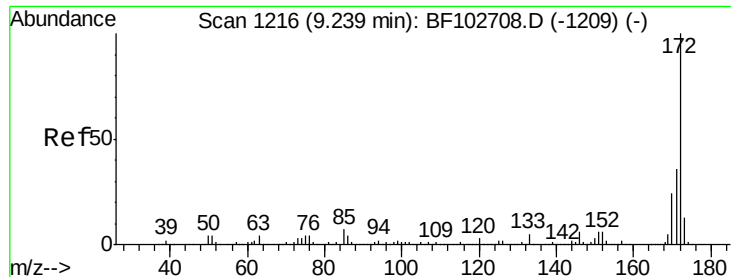


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



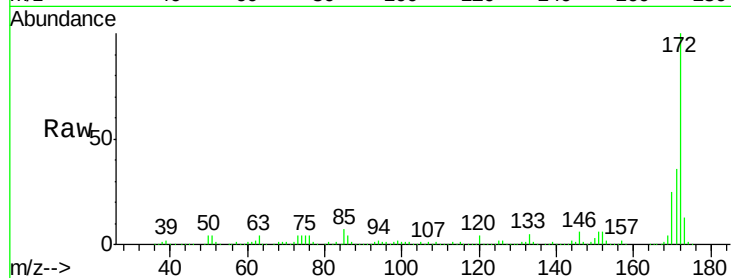


#44
 2-Fluorobiphenyl
 Concen: 77.279 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102868.D
 Acq: 8 Feb 2018 20:43

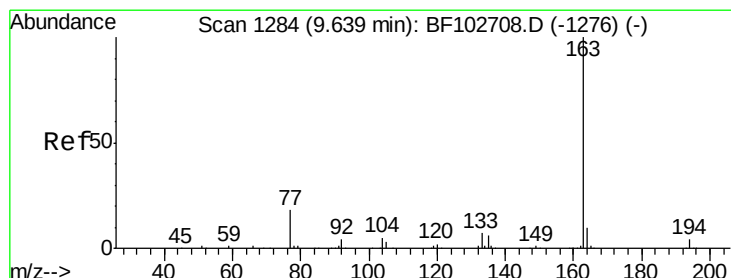
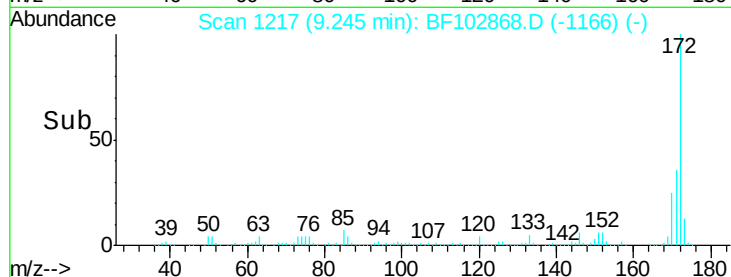
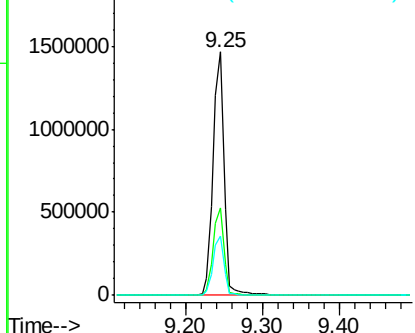
Instrument :
 BNA_F
 ClientSampleId :
 3N-16

Tgt Ion:172 Resp: 1434280

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.5	19.6	29.4



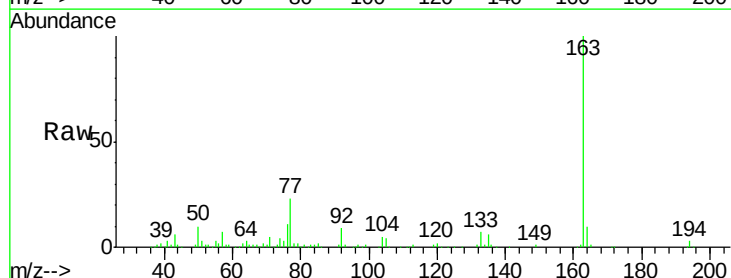
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



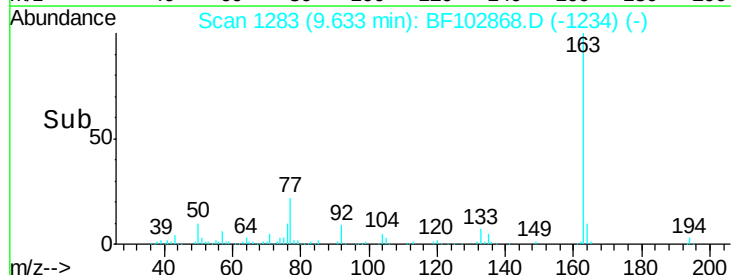
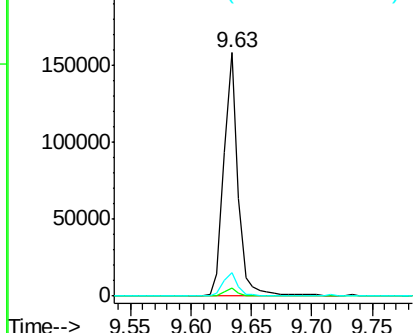
#49
 Dimethylphthalate
 Concen: 5.361 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102868.D
 Acq: 8 Feb 2018 20:43

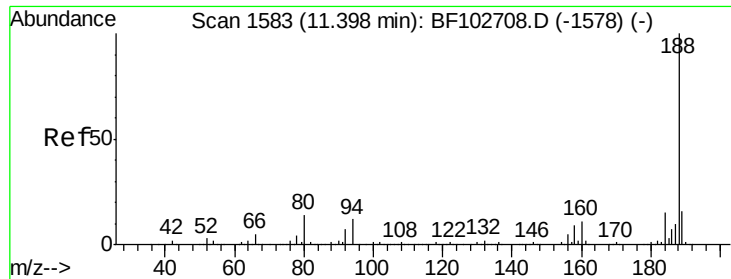
Tgt Ion:163 Resp: 128744

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2



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

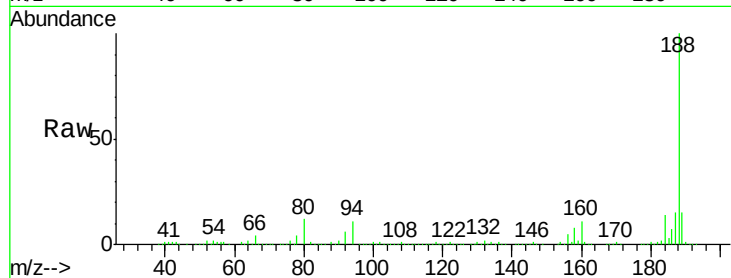




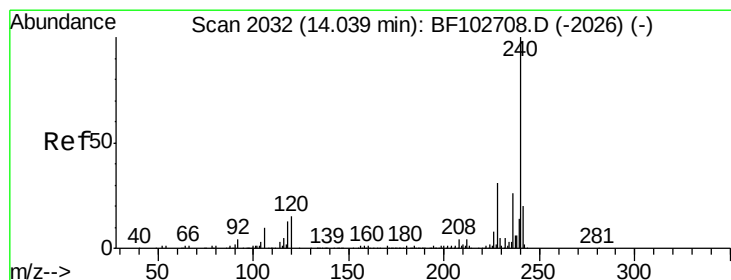
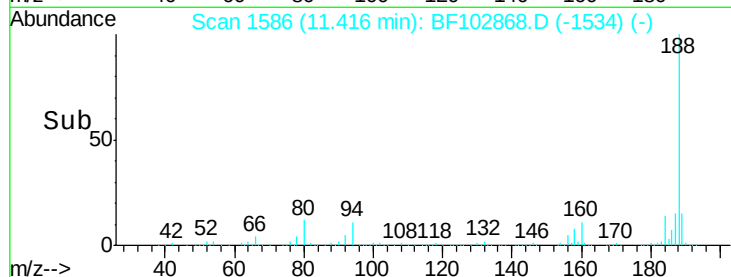
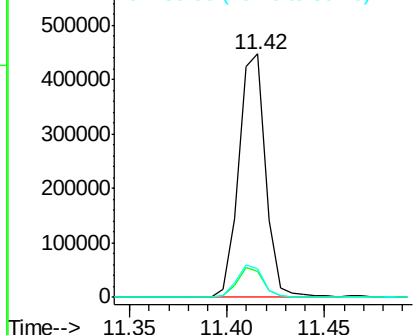
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Instrument :
BNA_F
ClientSampleId :
3N-16

Tgt Ion:188 Resp: 426813
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.8 9.2 13.8

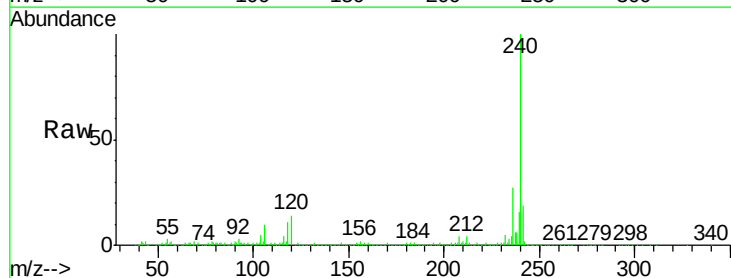


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

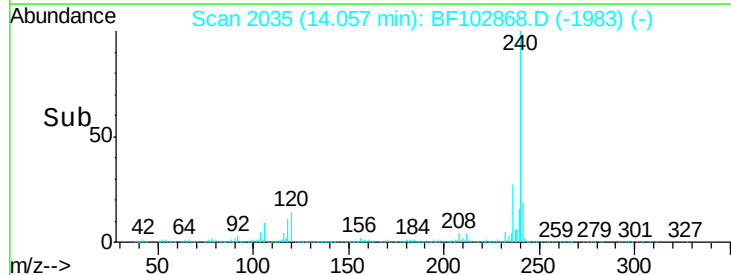
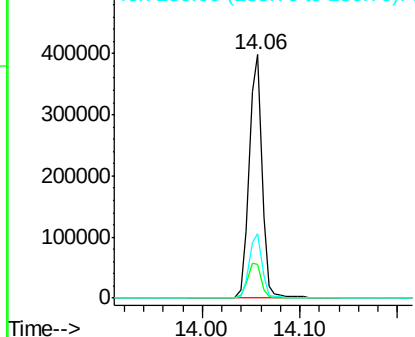


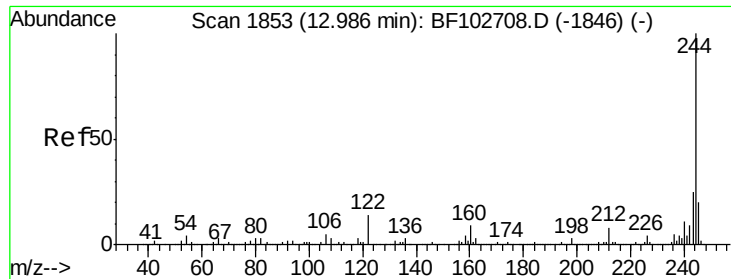
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Tgt Ion:240 Resp: 369887
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 26.6 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: 61.668 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102868.D

Acq: 8 Feb 2018 20:43

Instrument :

BNA_F

ClientSampleId :

3N-16

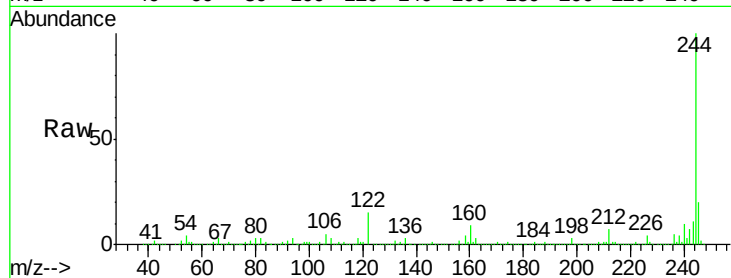
Tgt Ion:244 Resp: 963353

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

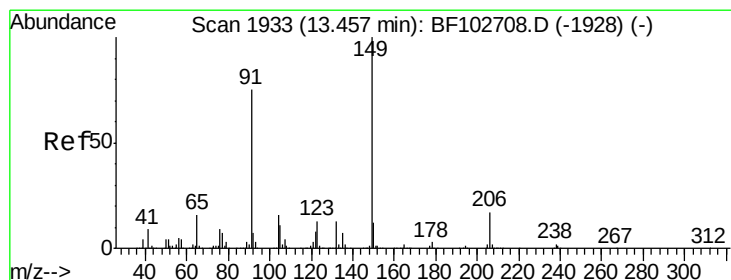
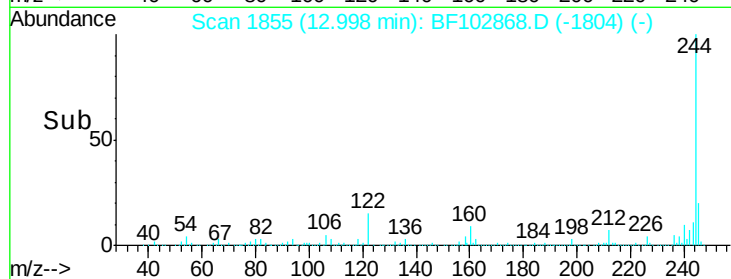
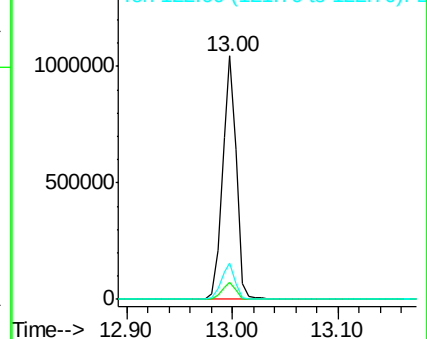
122 14.7 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 2.367 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF102868.D

Acq: 8 Feb 2018 20:43

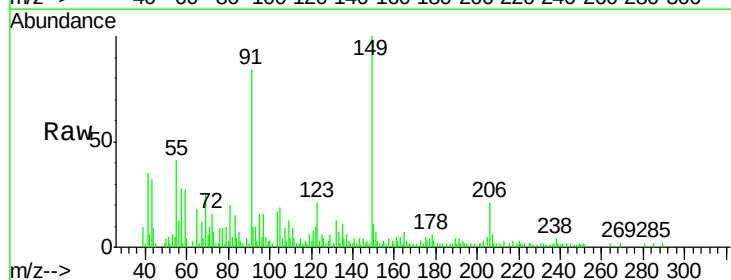
Tgt Ion:149 Resp: 19028

Ion Ratio Lower Upper

149 100

91 83.9 56.8 85.2

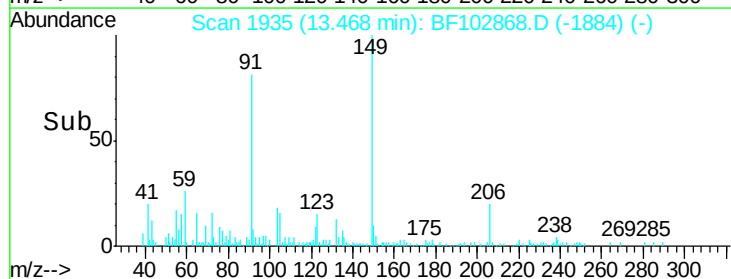
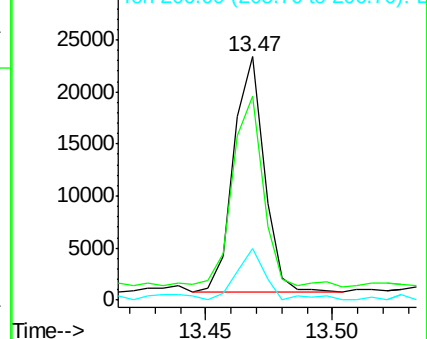
206 21.4 14.1 21.1#

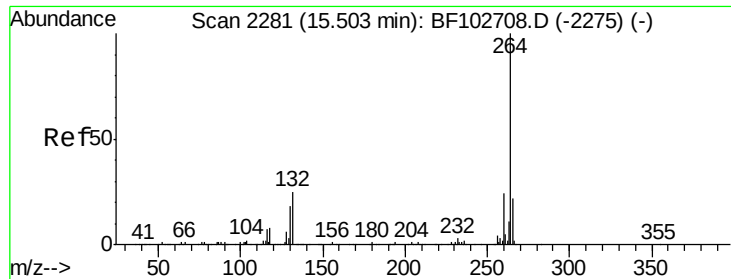


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102868.D
Acq: 8 Feb 2018 20:43

Instrument :
BNA_F
ClientSampleId :
3N-16

Tgt Ion: 264 Resp: 280284
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.3 17.5 26.3

