

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104135.D
 Acq On : 2 Apr 2018 15:15
 Operator : JU/SJ
 Sample : J1757-11 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 17:13:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

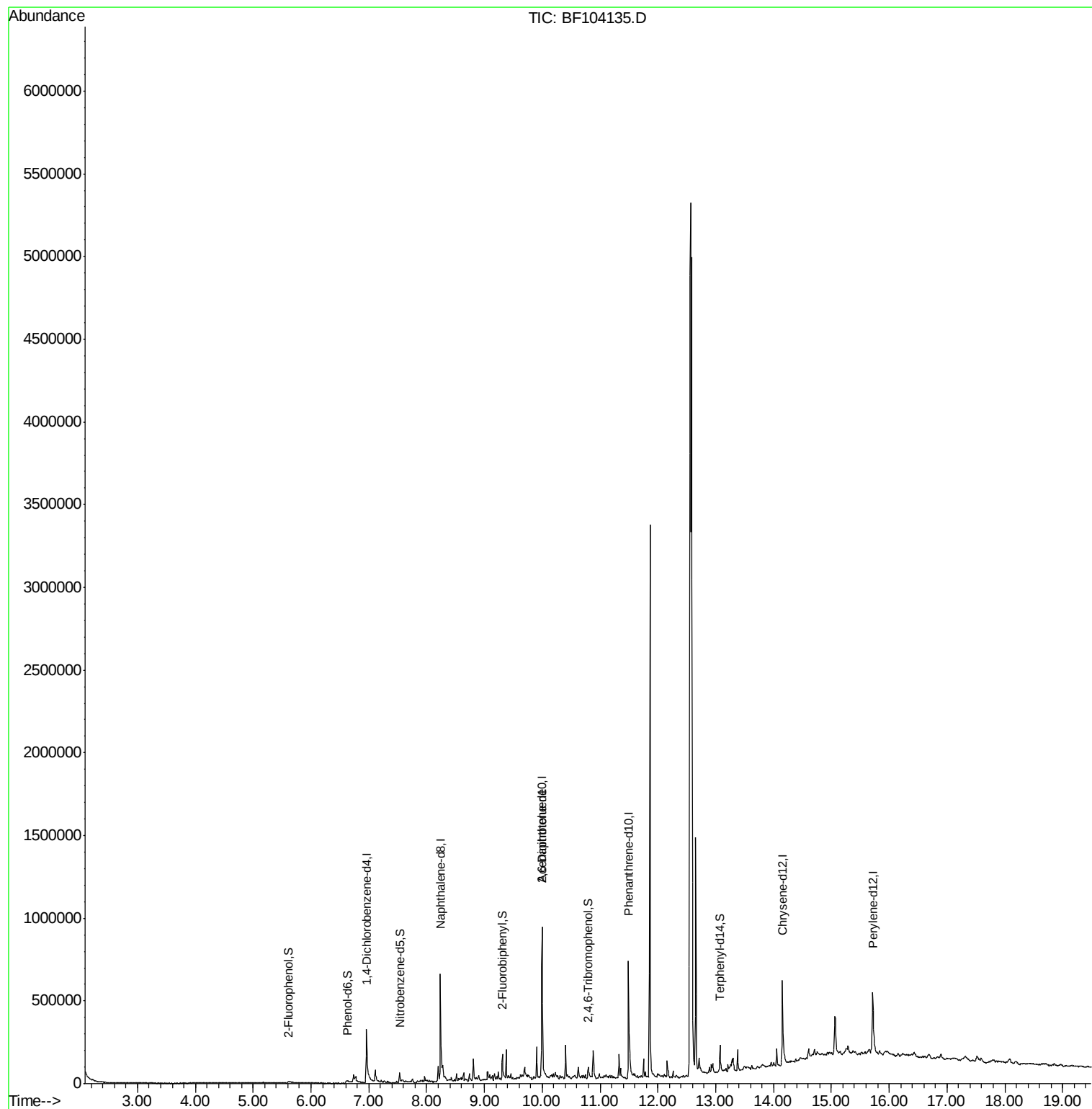
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100135	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	445843	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	204799	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	354438	20.00	ng	0.00
75) Chrysene-d12	14.16	240	220169	20.00	ng	0.00
86) Perylene-d12	15.72	264	240452	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	12902	2.05	ng	0.03
7) Phenol-d6	6.63	99	38696	5.01	ng	0.03
23) Nitrobenzene-d5	7.54	82	19089	2.62	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	14244	6.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	77058	5.93	ng	0.00
78) Terphenyl-d14	13.07	244	65010	6.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	143	Below Cal	#	1
50) 2,6-Dinitrotoluene	10.00	165	27533	7.915 ng	#	26

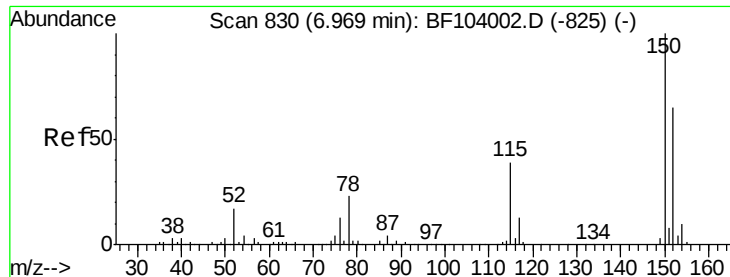
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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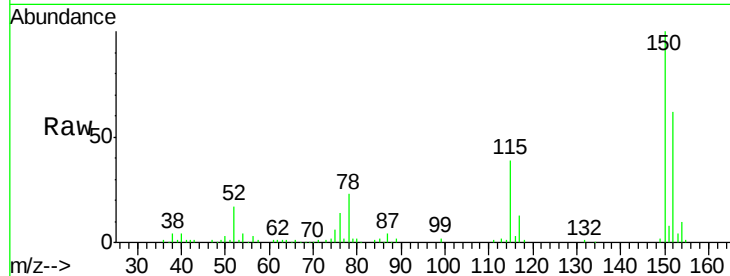


#1

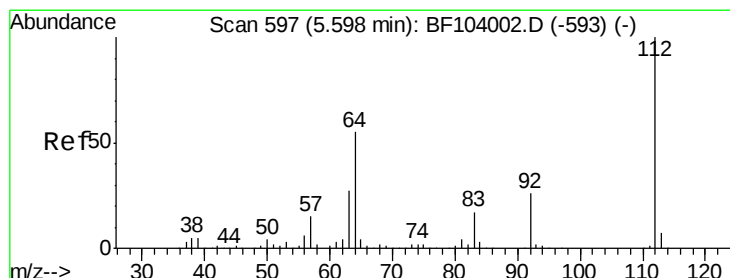
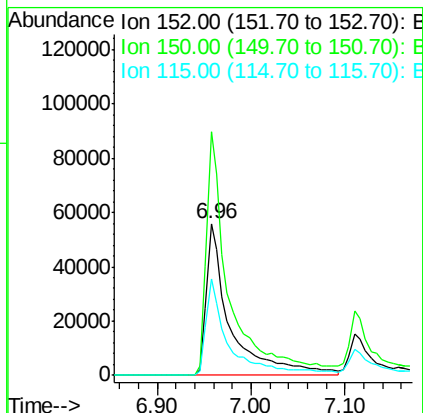
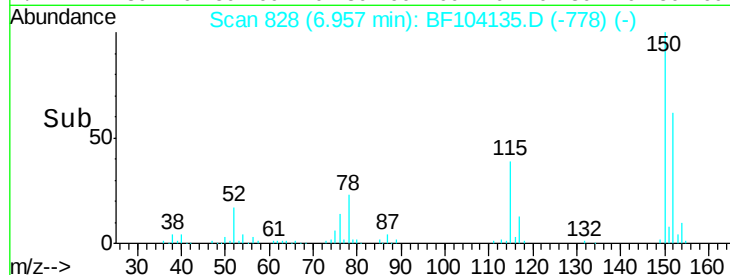
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104135.D
Acq: 2 Apr 2018 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	63.3	50.1	75.1



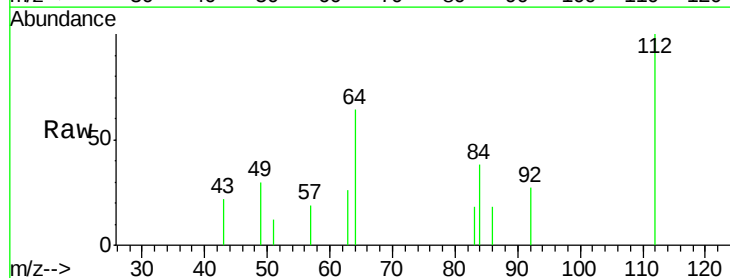
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



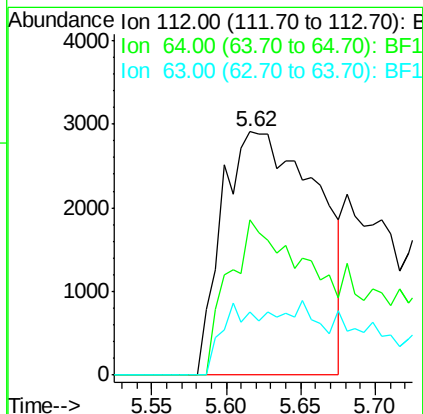
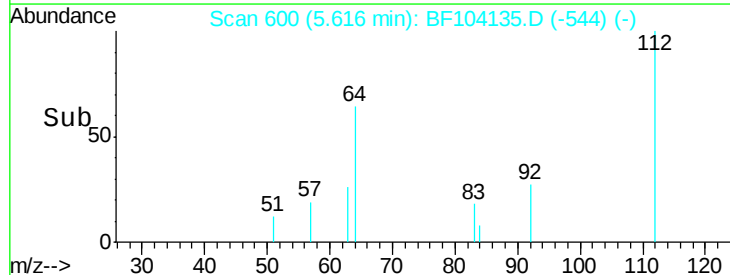
#5

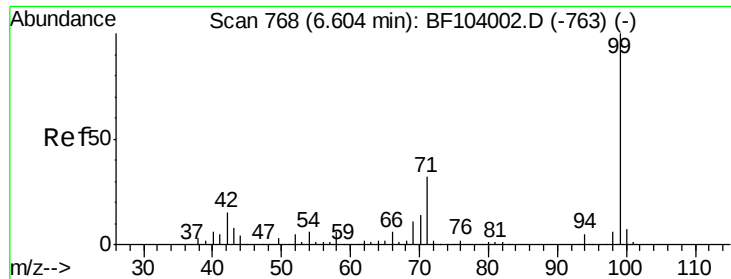
2-Fluorophenol
Concen: 2.055 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.03 min
Lab File: BF104135.D
Acq: 2 Apr 2018 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	26.0	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: 5.009 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.03 min

Lab File: BF104135.D

Acq: 2 Apr 2018 15:15

Instrument :

BNA_F

ClientSampleId :

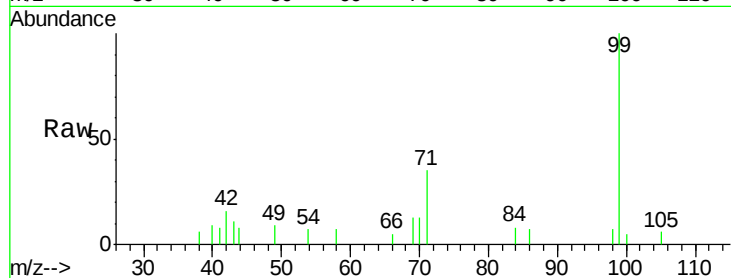
Tot Ion: 99 Resp: 38696

Ion Ratio Lower Upper

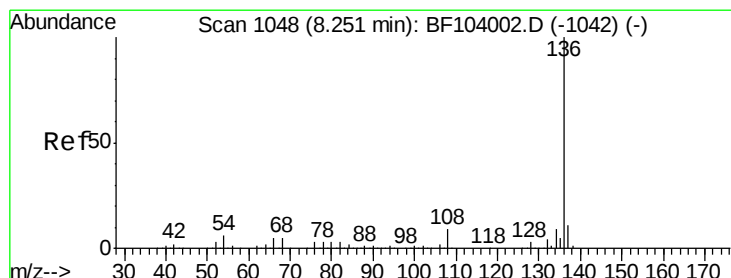
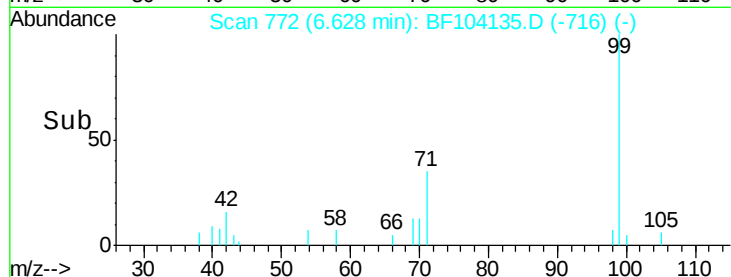
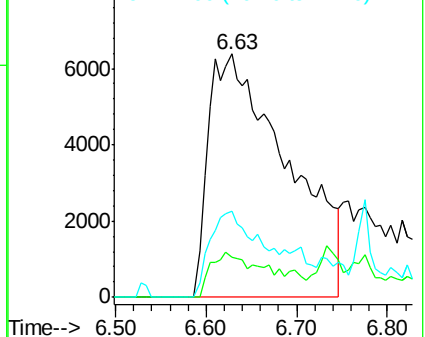
99 100

42 16.2 14.5 21.7

71 35.5 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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104135.D

Acq: 2 Apr 2018 15:15

Tgt Ion: 136 Resp: 445843

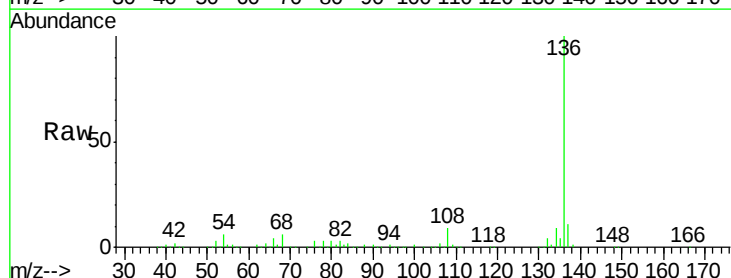
Ion Ratio Lower Upper

136 100

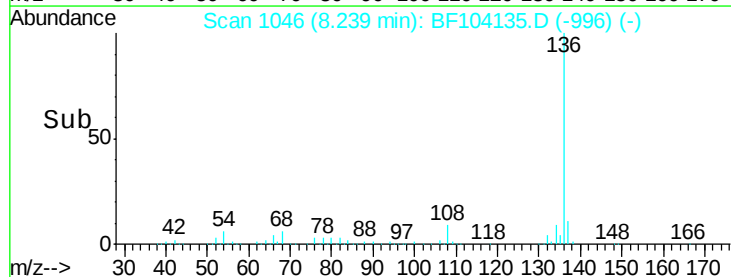
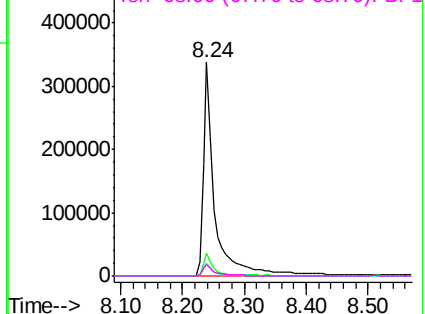
137 10.7 8.9 13.3

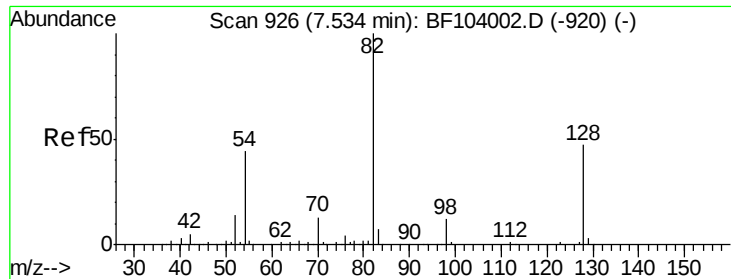
54 6.3 6.6 9.8#

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

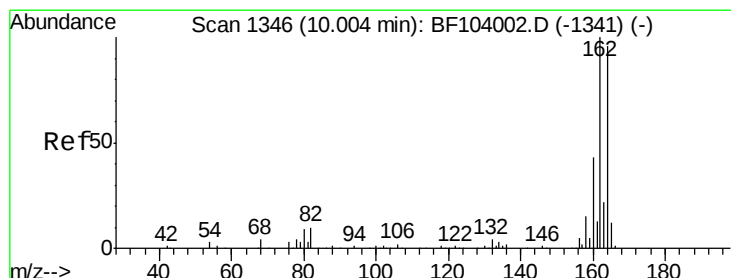
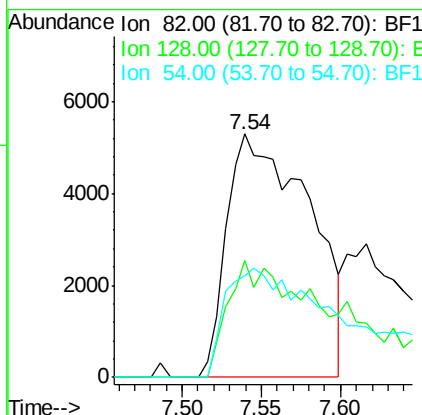
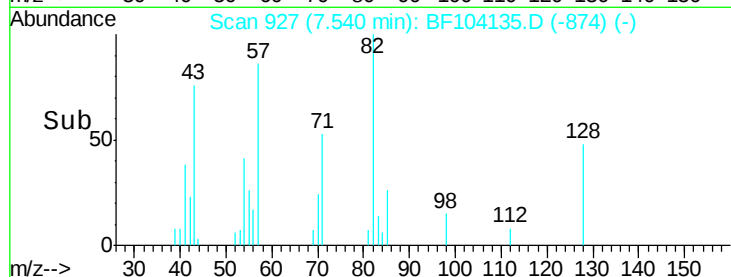
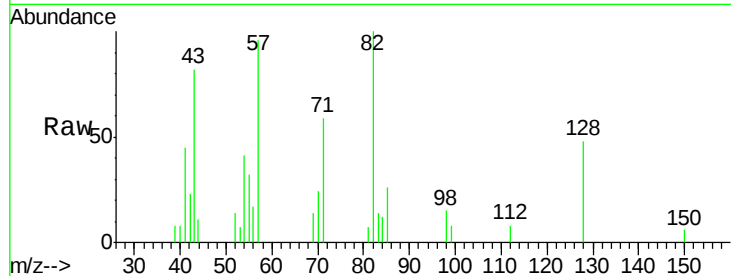




#23
Nitrobenzene-d5
Concen: 2.618 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF104135.D
Acq: 2 Apr 2018 15:15

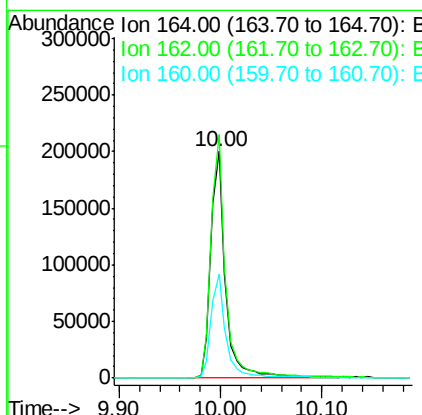
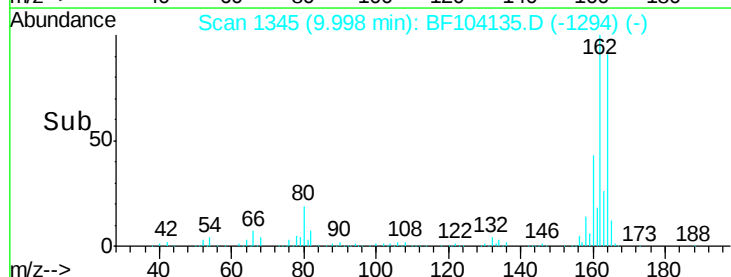
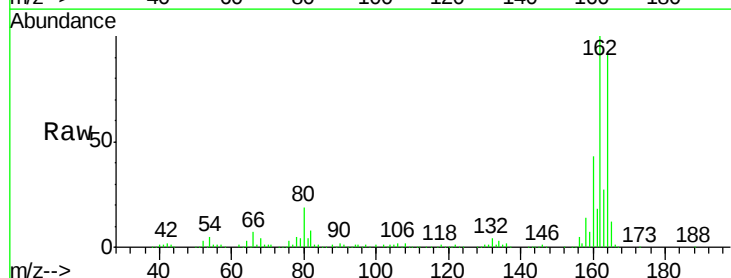
Instrument :
BNA_F
ClientSampleId :

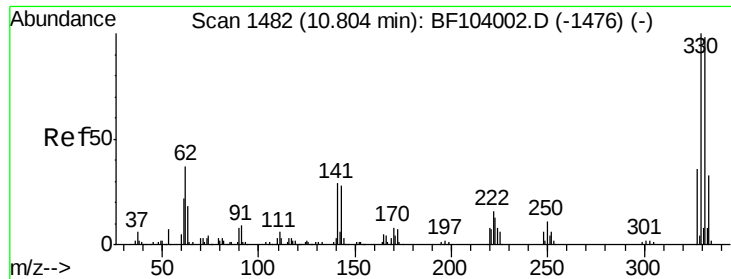
Tot Ion: 82 Resp: 19089
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 41.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104135.D
Acq: 2 Apr 2018 15:15

Tgt Ion:164 Resp: 204799
Ion Ratio Lower Upper
164 100
162 107.3 86.1 129.1
160 46.2 38.3 57.5

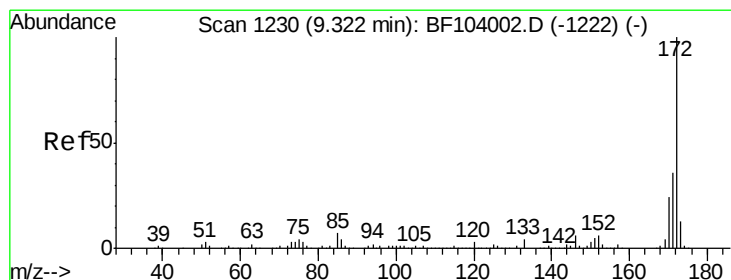
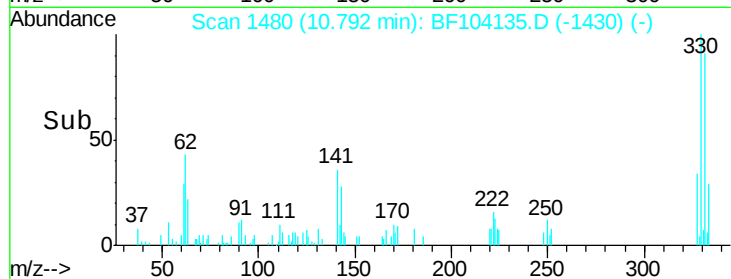
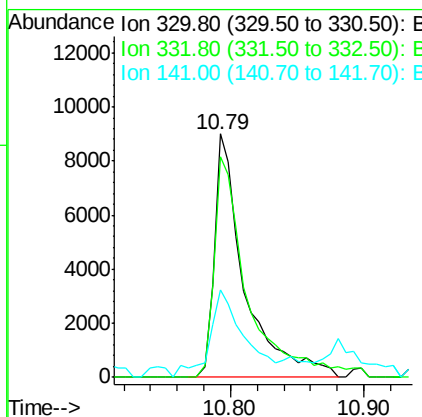
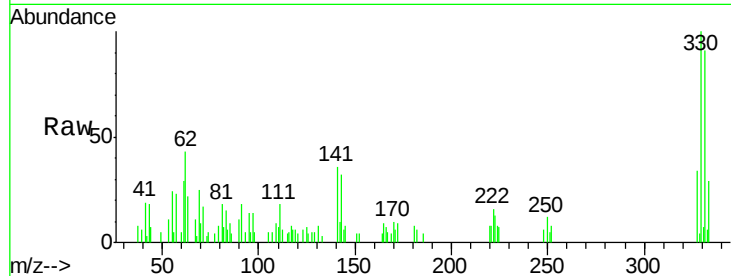




#41
 2,4,6-Tribromophenol
 Concen: 6.246 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104135.D
 Acq: 2 Apr 2018 15:15

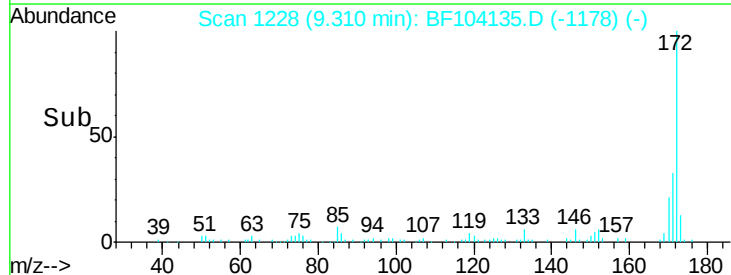
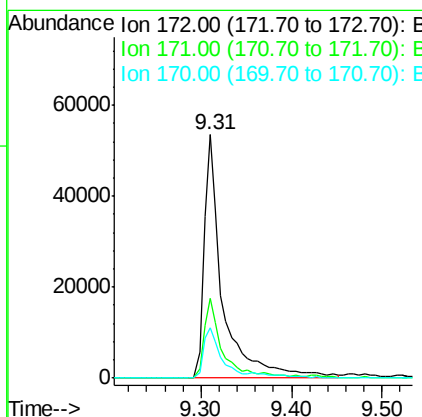
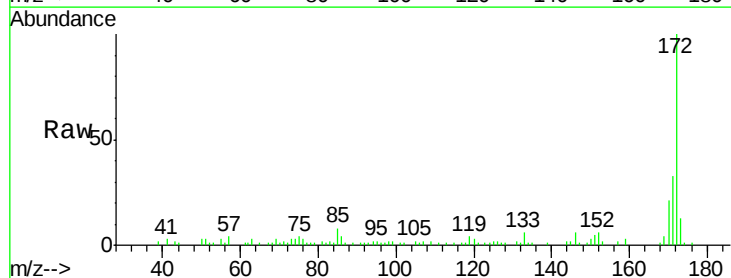
Instrument :
 BNA_F
 ClientSampleId :

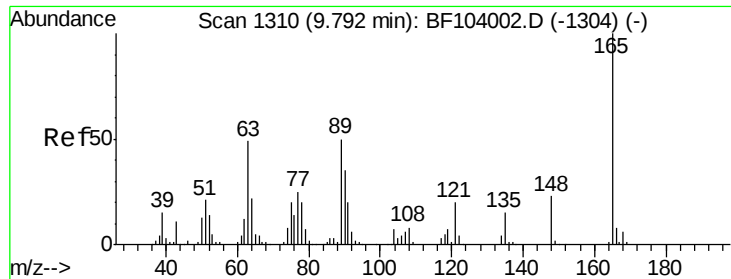
Tot Ion:330 Resp: 14244
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 41.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 5.933 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104135.D
 Acq: 2 Apr 2018 15:15

Tgt Ion:172 Resp: 77058
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.7 44.5
 170 20.7 19.6 29.4

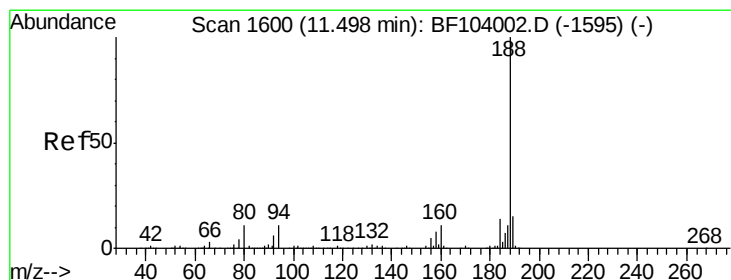
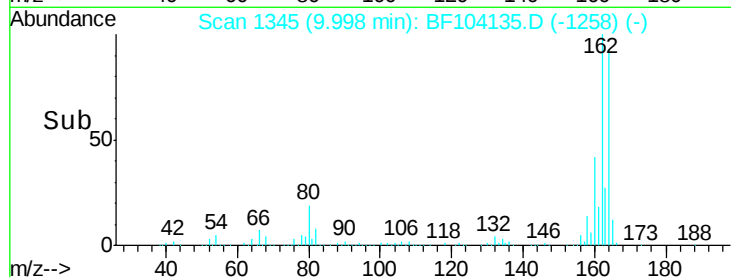
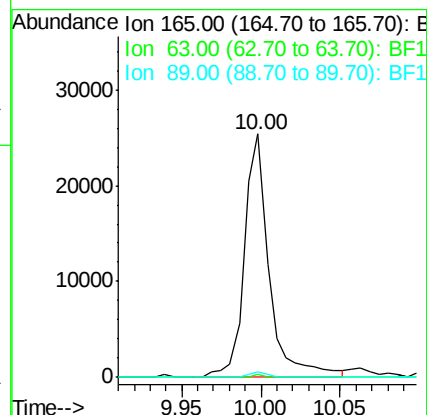
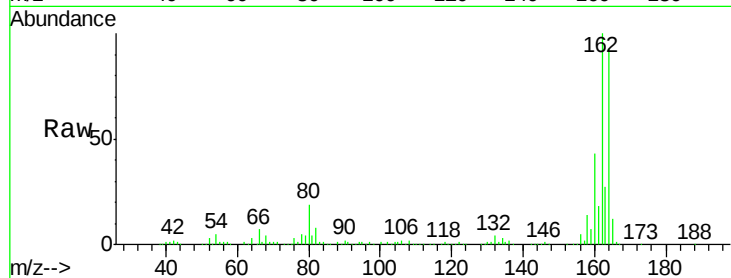




#50
 2,6-Dinitrotoluene
 Concen: 7.915 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.21 min
 Lab File: BF104135.D
 Acq: 2 Apr 2018 15:15

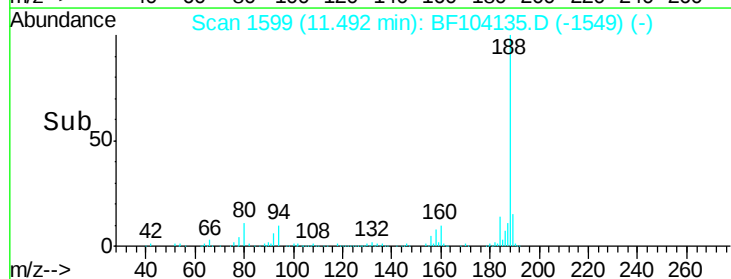
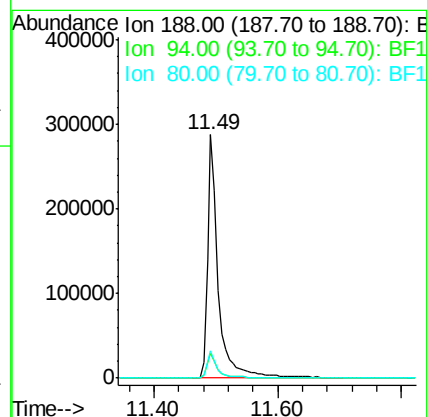
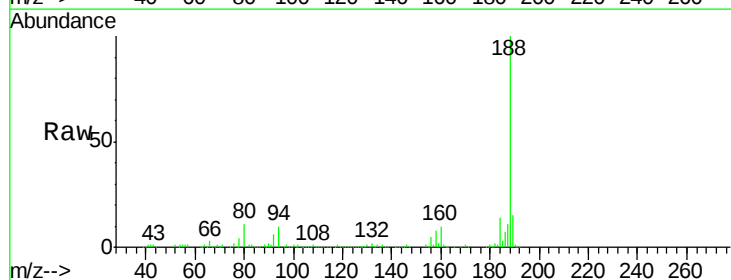
Instrument :
 BNA_F
 ClientSampleId :

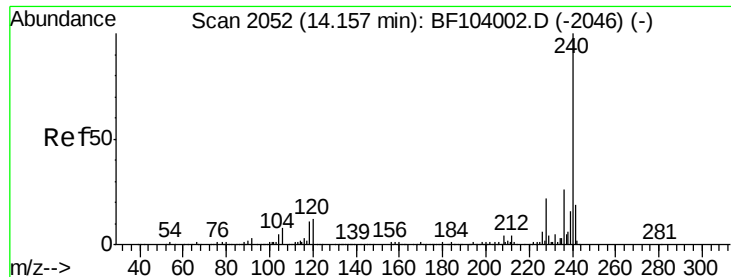
Tot Ion:165 Resp: 27533
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 2.0 44.0 66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104135.D
 Acq: 2 Apr 2018 15:15

Tgt Ion:188 Resp: 354438
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF104135.D

Acq: 2 Apr 2018 15:15

Instrument :

BNA_F

ClientSampled :

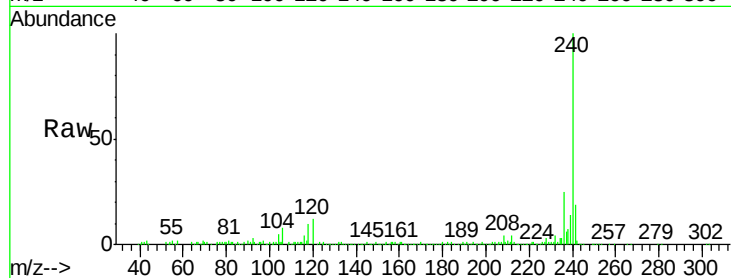
Tot Ion:240 Resp: 220169

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

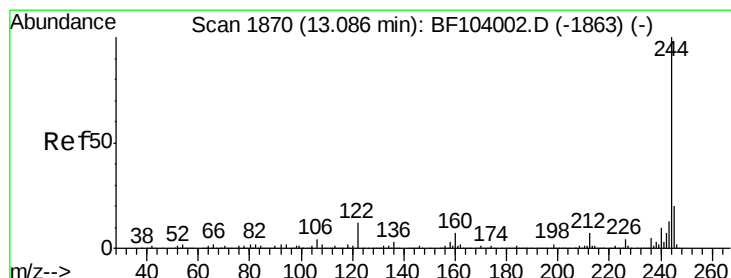
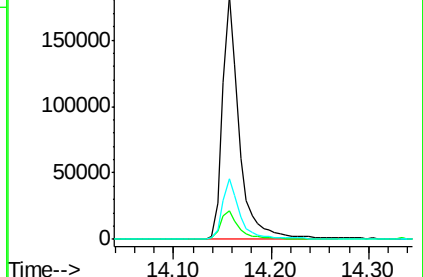
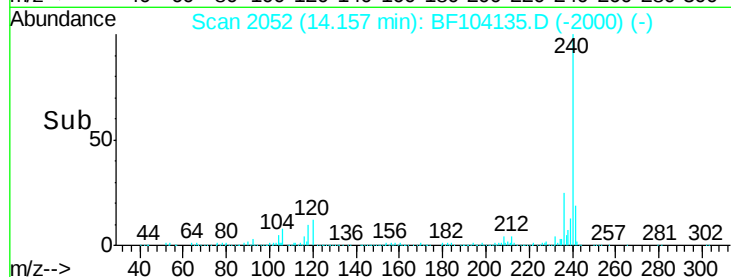
236 24.8 20.7 31.1



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: 6.818 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104135.D

Acq: 2 Apr 2018 15:15

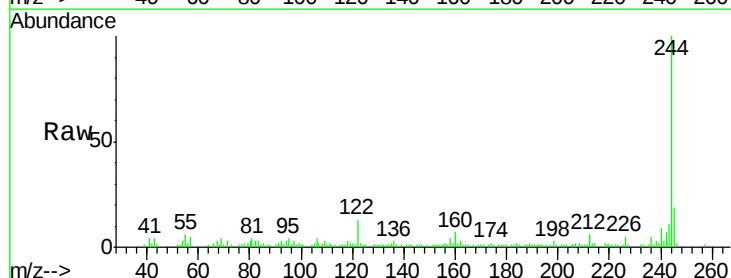
Tgt Ion:244 Resp: 65010

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

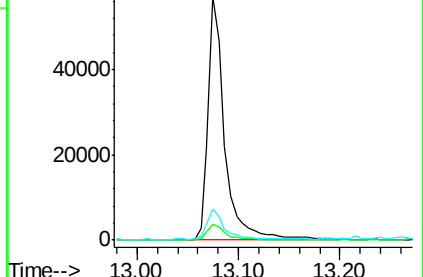
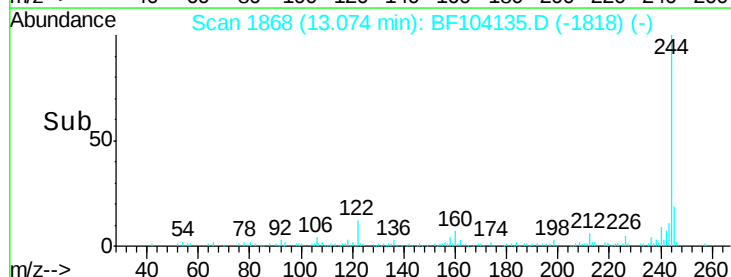
122 12.9 11.0 16.4

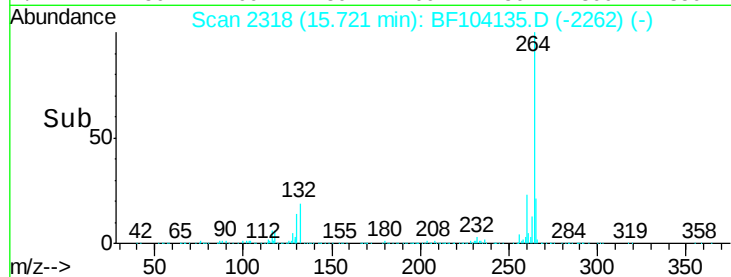
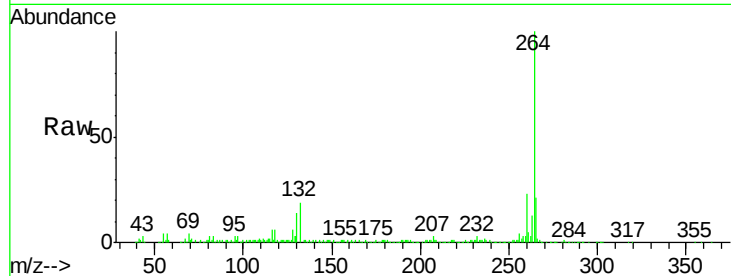
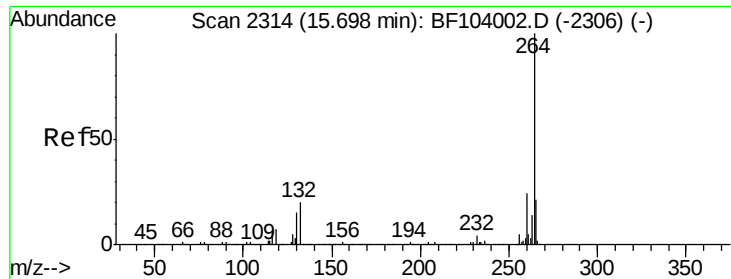


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2318
 Delta R.T. 0.03 min
 Lab File: BF104135.D
 Acq: 2 Apr 2018 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

