

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090576.D
 Acq On : 14 Oct 2016 18:23
 Operator : UM/SJ
 Sample : H5260-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRANE-1.5

Quant Time: Oct 14 23:08:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

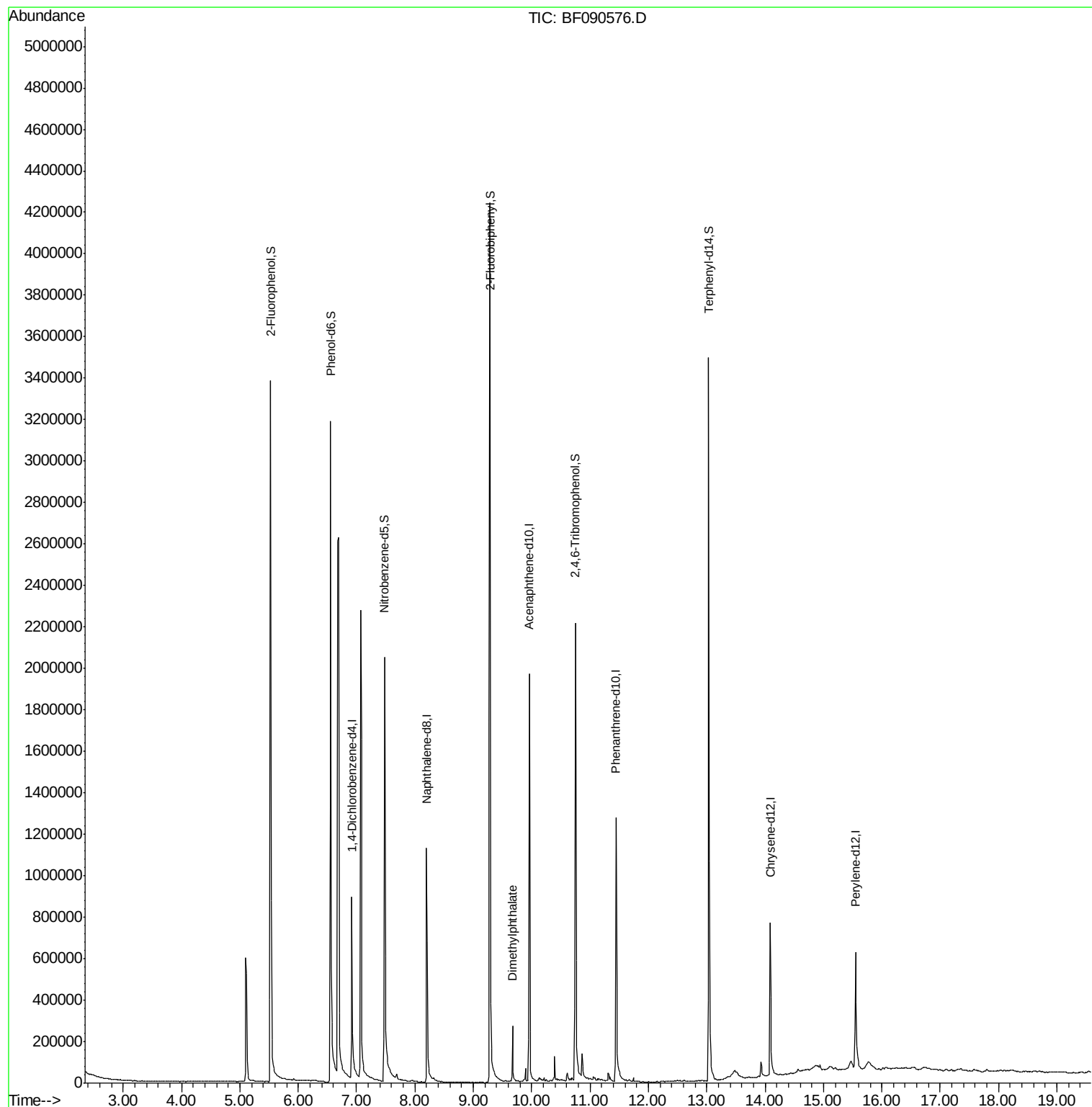
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	172541	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	722949	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	387736	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	568109	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	346722	20.00	ng	-0.01
86) Perylene-d12	15.55	264	314883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	999009	106.14	ng	0.00
7) Phenol-d6	6.55	99	1510936	108.04	ng	0.00
23) Nitrobenzene-d5	7.48	82	936795	71.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	262932	76.06	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1579829	67.14	ng	0.00
78) Terphenyl-d14	13.03	244	1241432	83.37	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	107382	4.27	ng	99

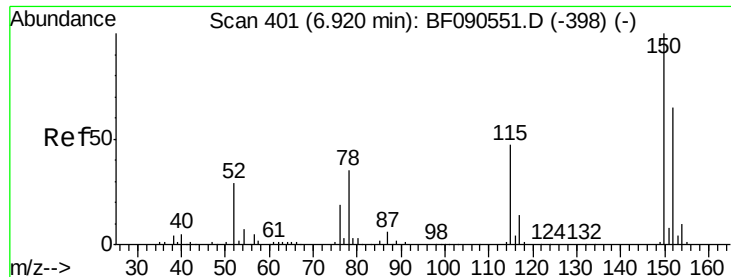
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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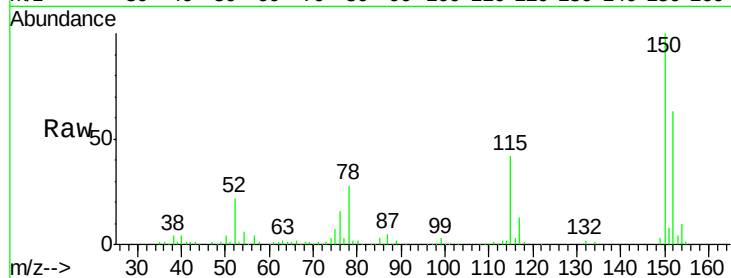


#1

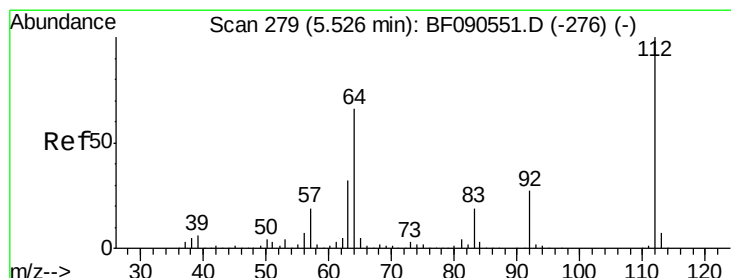
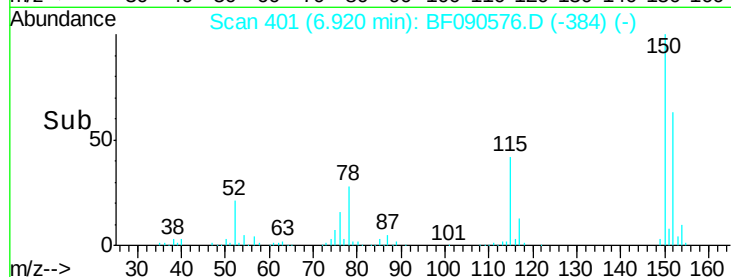
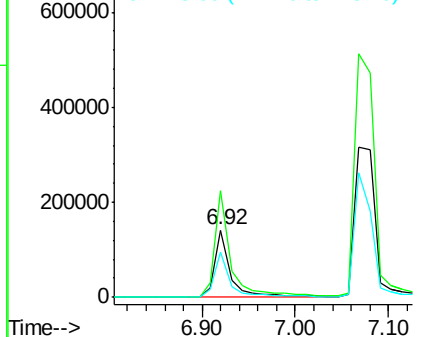
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090576.D
Acq: 14 Oct 2016 18:23

Instrument :
BNA_F
ClientSampleId :
BRANE-1.5

Tot Ion:152 Resp: 172541
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 66.3 58.6 88.0



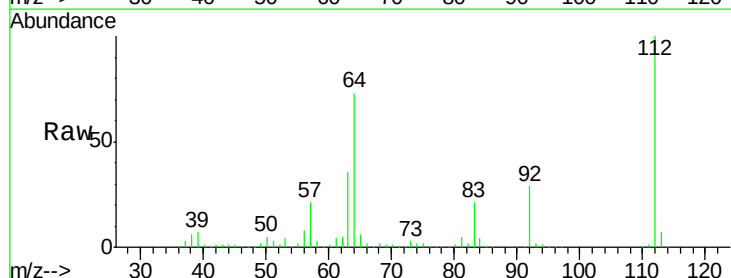
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



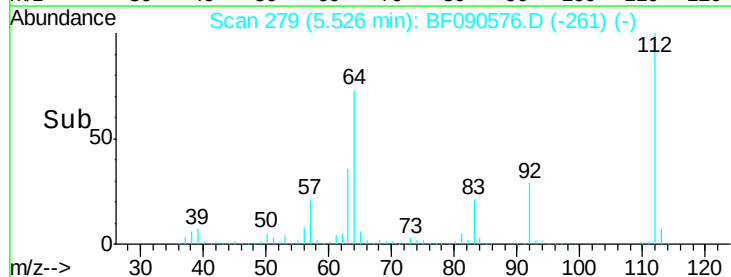
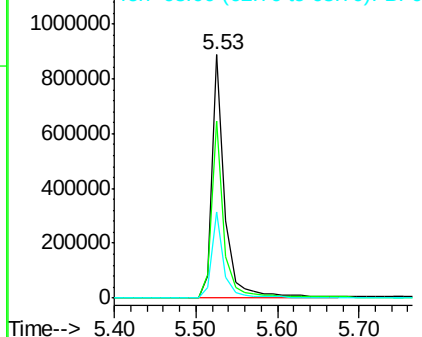
#5

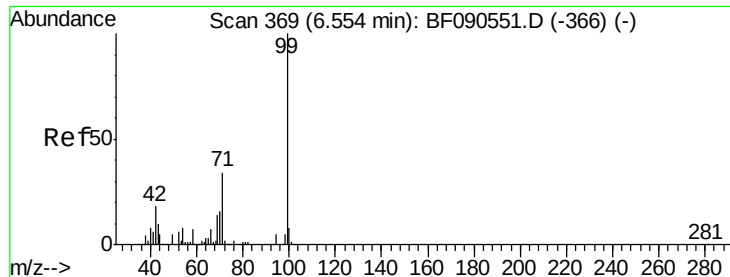
2-Fluorophenol
Concen: 106.14 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF090576.D
Acq: 14 Oct 2016 18:23

Tgt Ion:112 Resp: 999009
Ion Ratio Lower Upper
112 100
64 72.9 52.6 78.8
63 35.7 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.04 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090576.D

Acq: 14 Oct 2016 18:23

Instrument :

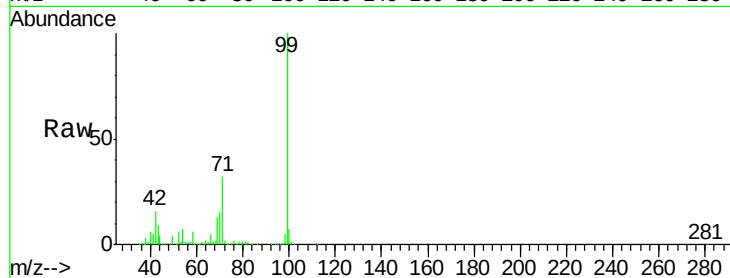
BNA_F

ClientSampleId :

BRANE-1.5

Tot Ion: 99 Resp: 1510936

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.7	22.1
71	32.2	27.6	41.4

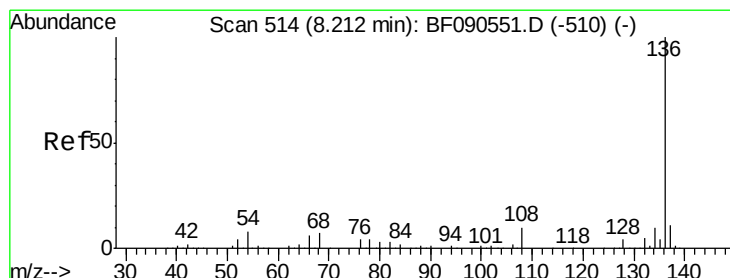
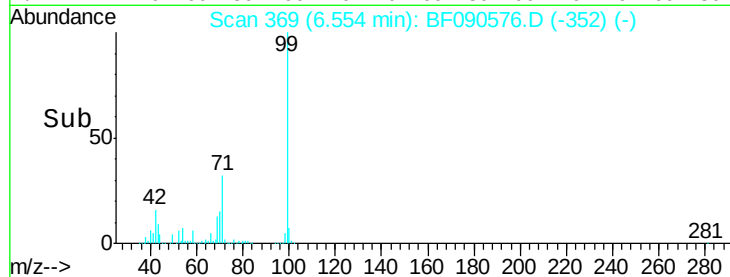
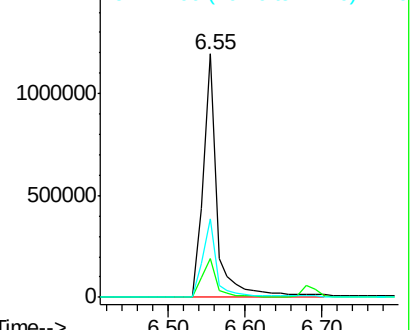


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

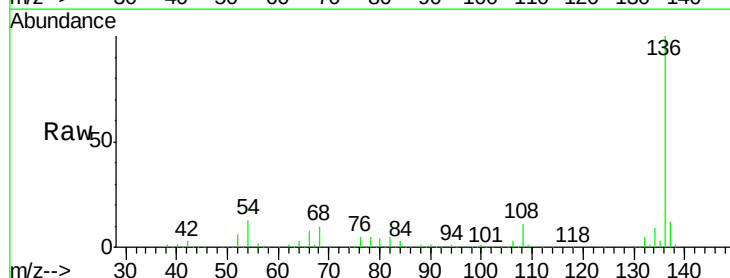
Delta R.T. -0.01 min

Lab File: BF090576.D

Acq: 14 Oct 2016 18:23

Tgt Ion: 136 Resp: 722949

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	13.2	6.8	10.2#
68	10.5	6.0	9.0#



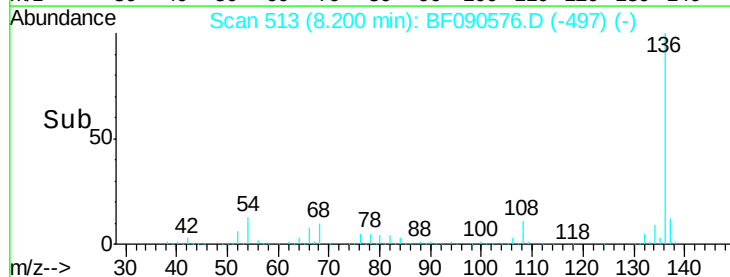
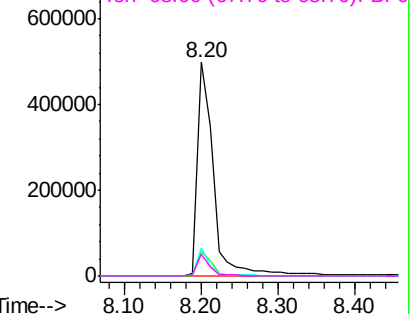
Abundance

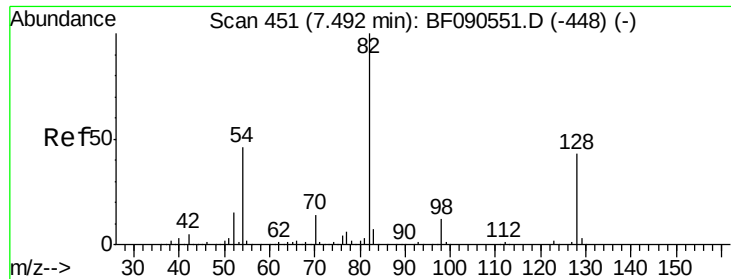
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

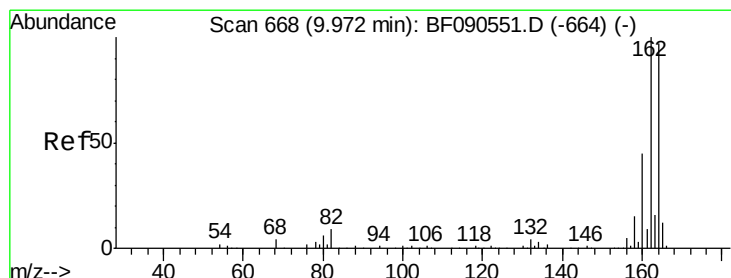
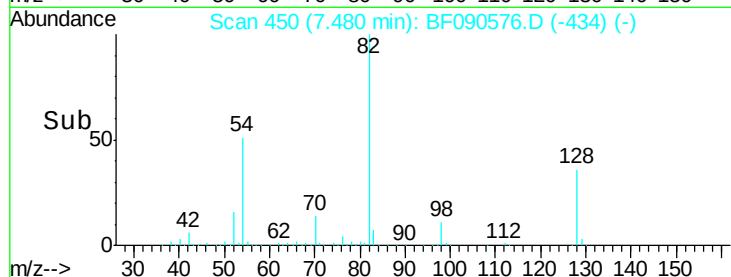
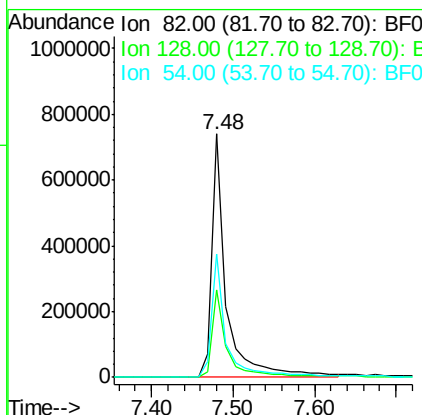
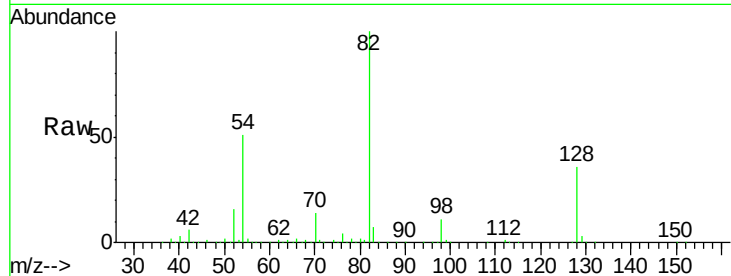




#23
 Nitrobenzene-d5
 Concen: 71.98 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090576.D
 Acq: 14 Oct 2016 18:23

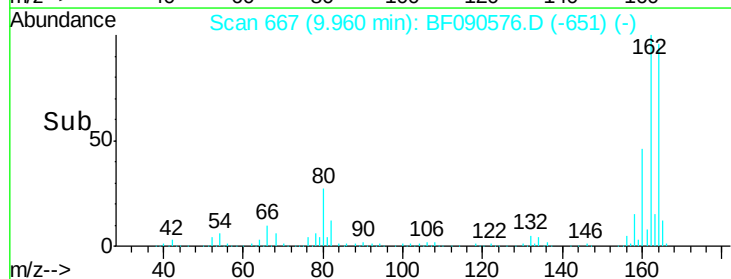
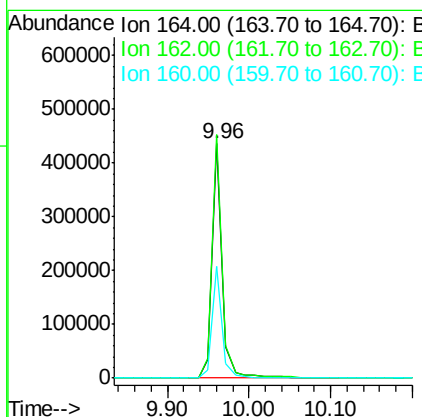
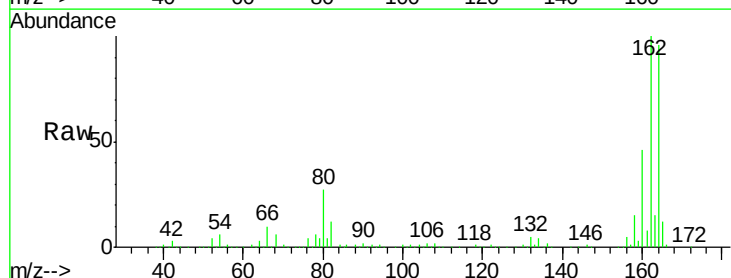
Instrument :
 BNA_F
 ClientSampleID :
 BRANE-1.5

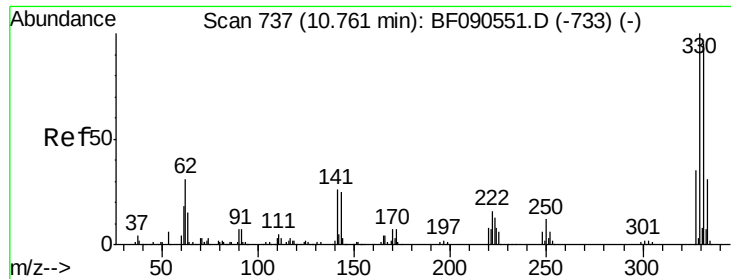
Tot Ion	82	Resp	936795
Ion Ratio	Lower	Upper	
82	100		
128	36.1	34.3	51.5
54	50.8	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090576.D
 Acq: 14 Oct 2016 18:23

Tgt Ion	164	Resp	387736
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.2	123.4
160	47.9	36.6	55.0

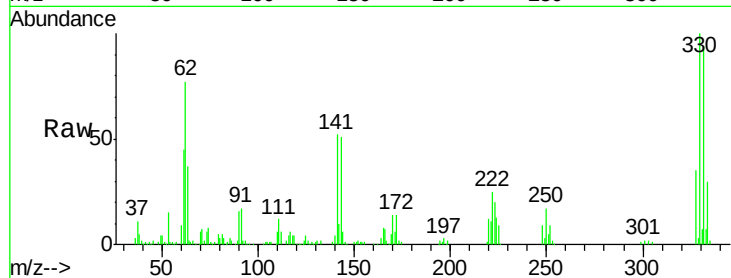




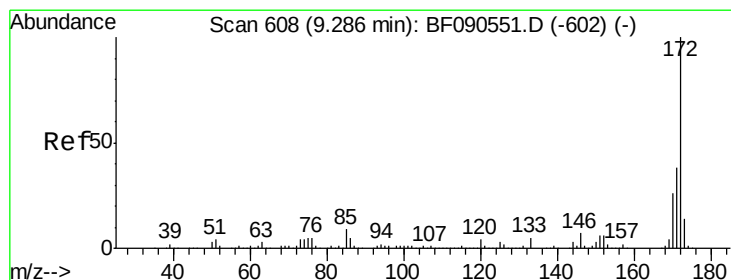
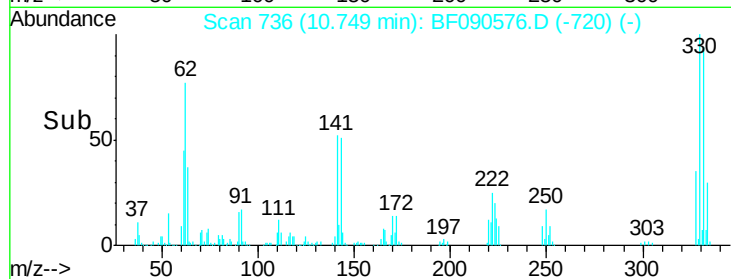
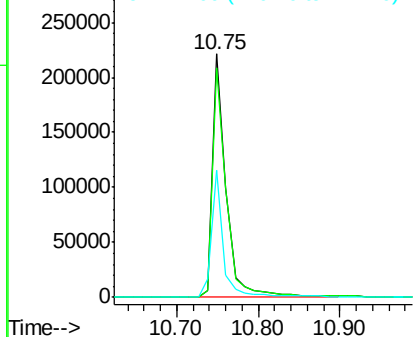
#41
 2,4,6-Tribromophenol
 Concen: 76.06 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090576.D
 Acq: 14 Oct 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 BRANE-1.5

Tot Ion:330 Resp: 262932
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.2
 141 46.5 31.4 47.2

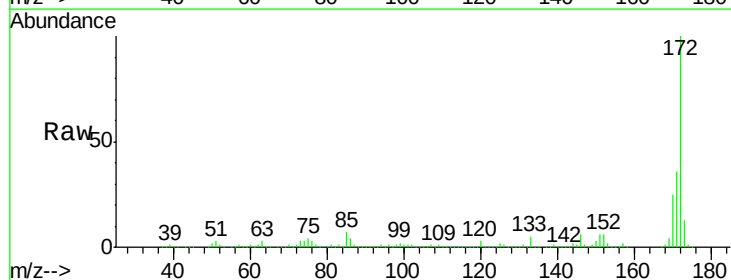


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

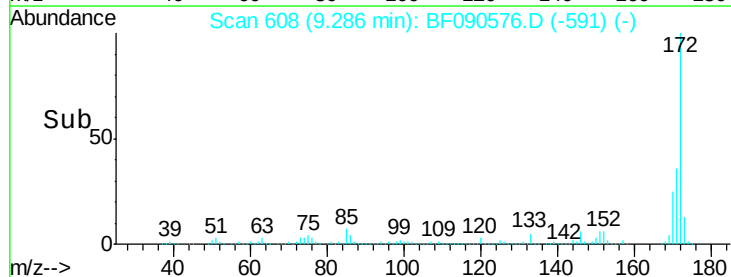
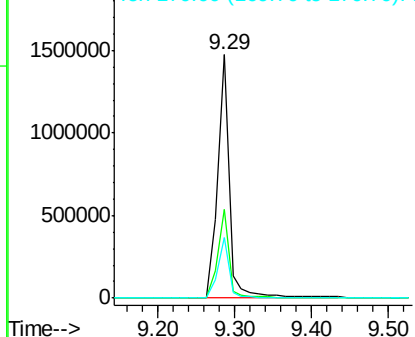


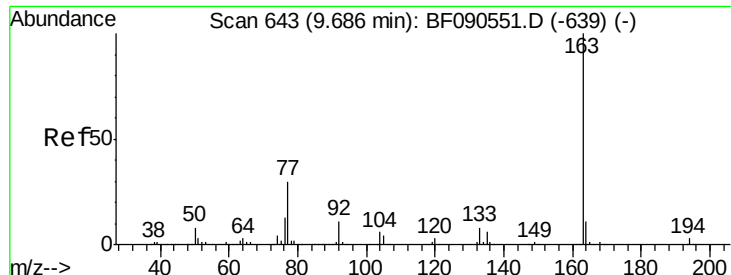
#44
 2-Fluorobiphenyl
 Concen: 67.14 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090576.D
 Acq: 14 Oct 2016 18:23

Tgt Ion:172 Resp: 1579829
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 25.0 20.6 30.8



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

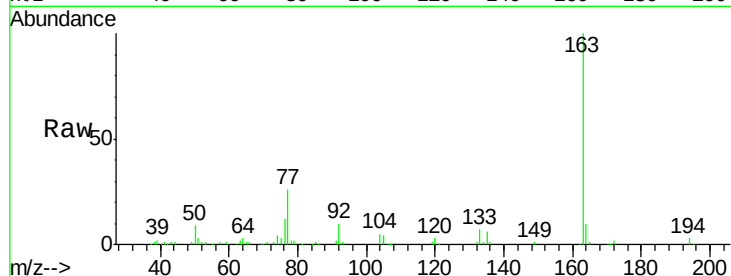




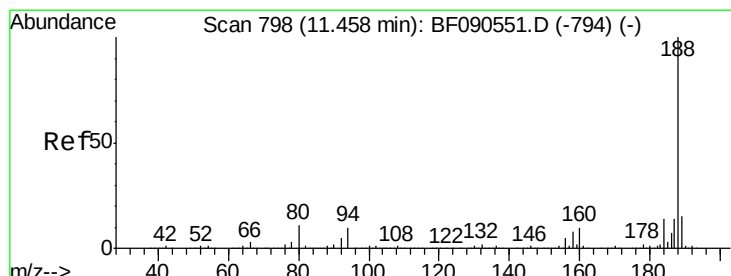
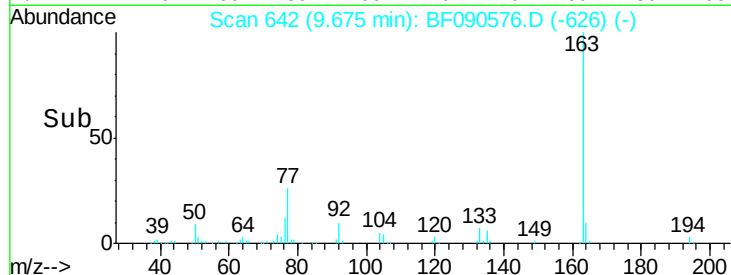
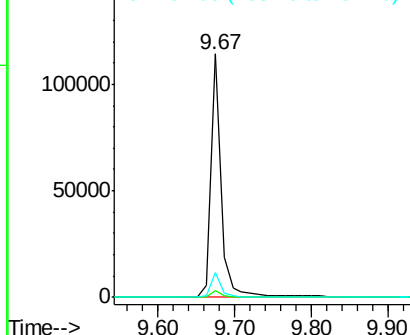
#49
Dimethylphthalate
Concen: 4.27 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF090576.D
Acq: 14 Oct 2016 18:23

Instrument :
BNA_F
ClientSampleId :
BRANE-1.5

Tot Ion:163 Resp: 107382
Ion Ratio Lower Upper
163 100
194 2.9 2.3 3.5
164 10.1 8.6 13.0

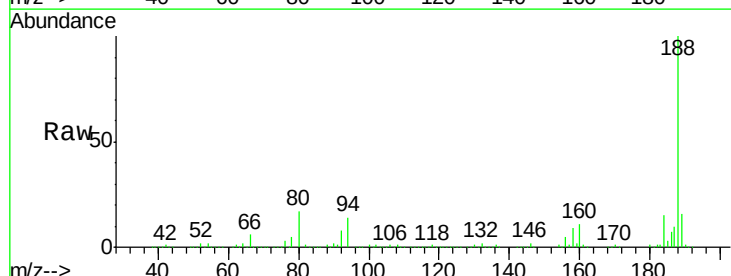


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

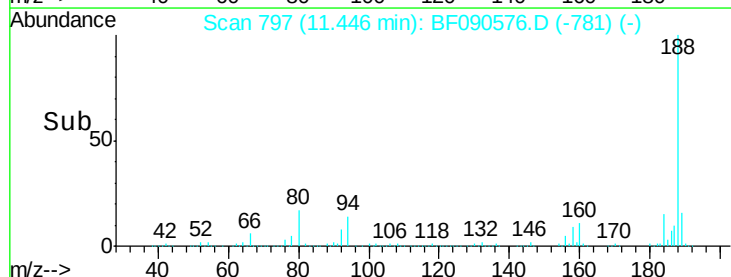
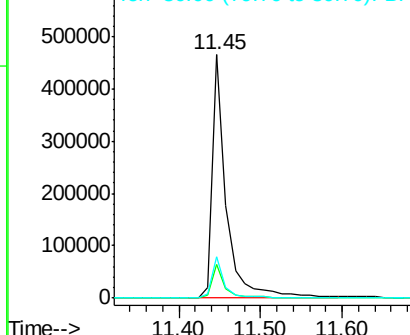


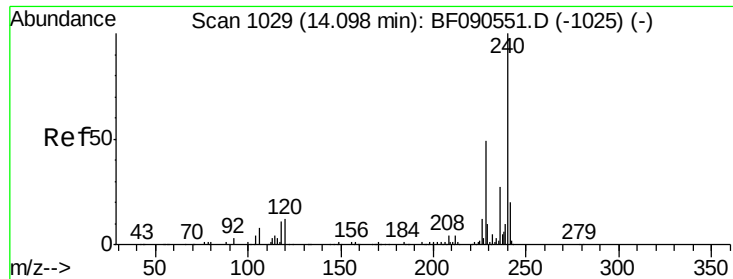
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090576.D
Acq: 14 Oct 2016 18:23

Tgt Ion:188 Resp: 568109
Ion Ratio Lower Upper
188 100
94 13.9 7.7 11.5#
80 16.8 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090576.D

Acq: 14 Oct 2016 18:23

Instrument :

BNA_F

ClientSampleId :

BRANE-1.5

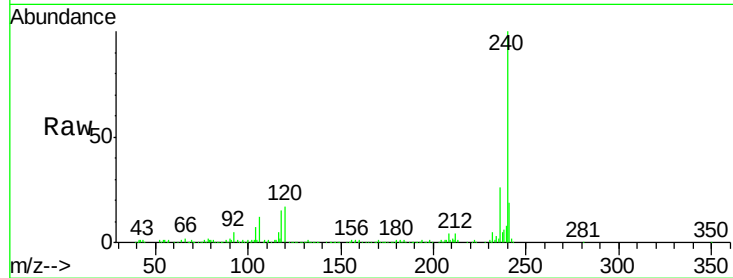
Tot Ion:240 Resp: 346722

Ion Ratio Lower Upper

240 100

120 16.7 9.8 14.8#

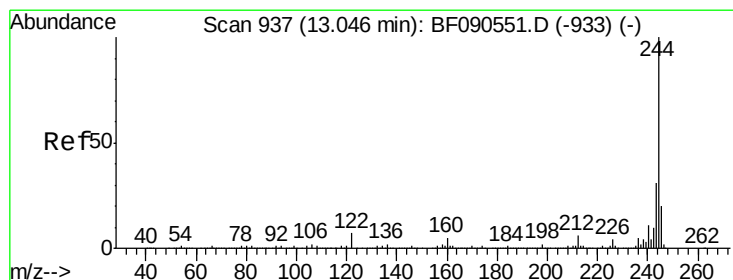
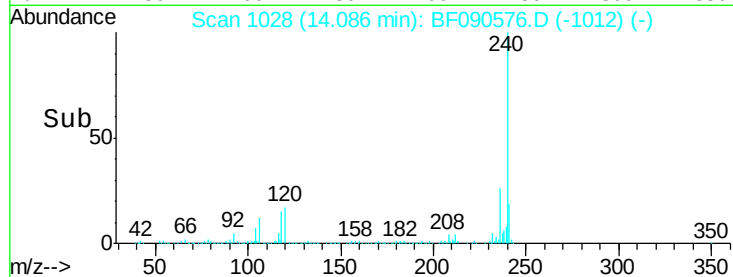
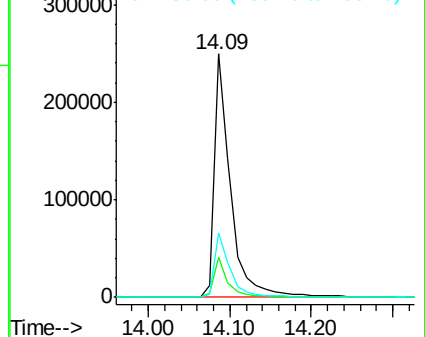
236 26.5 21.7 32.5



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: 83.37 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090576.D

Acq: 14 Oct 2016 18:23

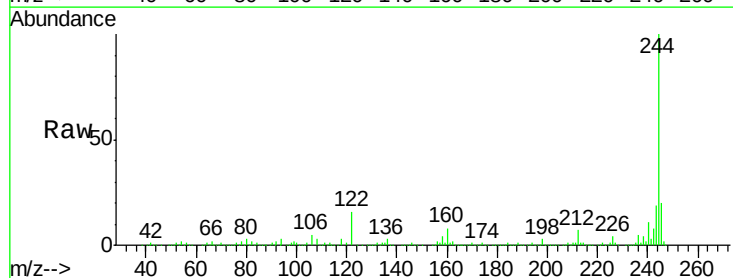
Tgt Ion:244 Resp: 1241432

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

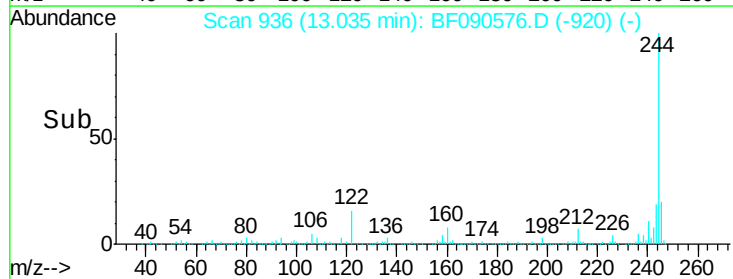
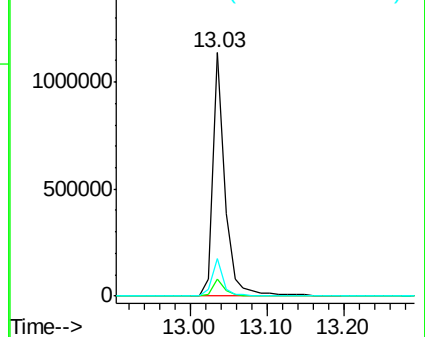
122 15.6 5.6 8.4#

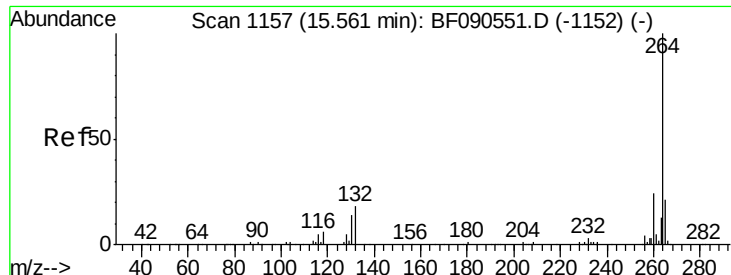


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

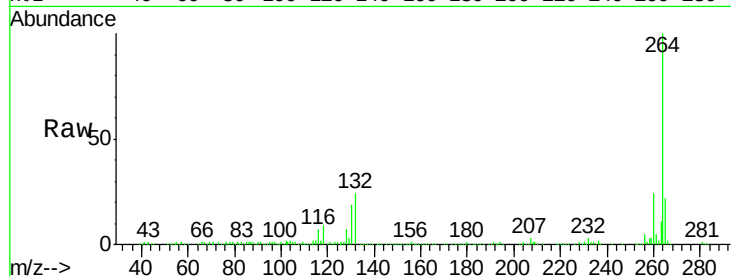




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090576.D
Acq: 14 Oct 2016 18:23

Instrument :
BNA_F
ClientSampleId :
BRANE-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.8	16.7	25.1



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

