

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093377.D
 Acq On : 3 Mar 2017 23:46
 Operator : SJ/MA
 Sample : I2100-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-252657

Quant Time: Mar 04 02:42:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

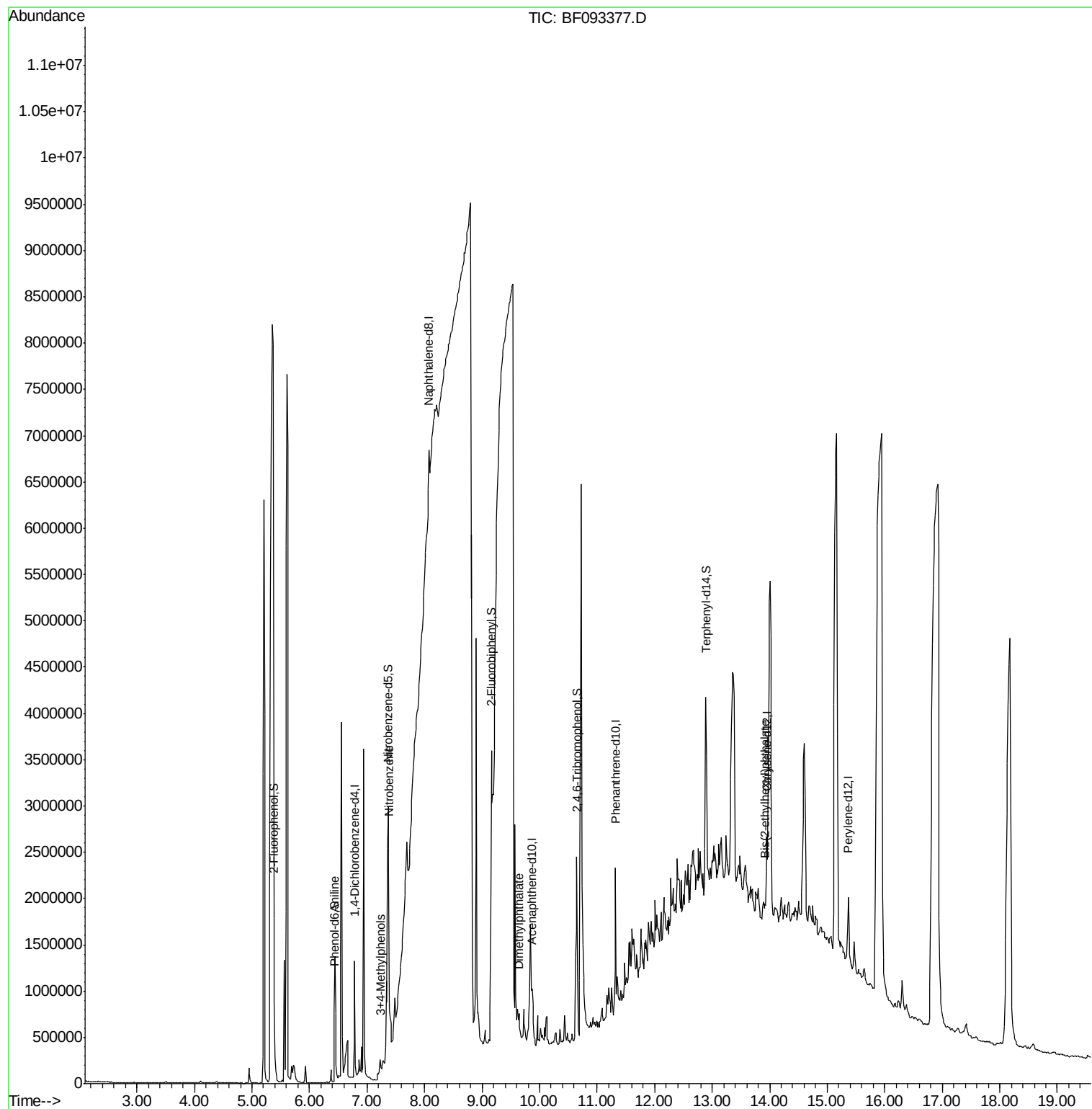
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	196975	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	484792	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	373320	20.00	ng	0.05
63) Phenanthrene-d10	11.32	188	573792	20.00	ng	0.01
75) Chrysene-d12	13.95	240	383069	20.00	ng	0.00
86) Perylene-d12	15.37	264	332017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	572004	49.82	ng	0.00
7) Phenol-d6	6.43	99	411187	27.83	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1273968	146.34	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	341790	126.59	ng	0.03
44) 2-Fluorobiphenyl	9.16	172	2211829	107.34	ng	0.01
78) Terphenyl-d14	12.89	244	909690	55.80	ng	0.00
Target Compounds						
6) Aniline	6.44	93	381924	18.95	ng	# 53
20) 3+4-Methylphenols	7.23	107	50880	3.92	ng	# 68
24) Nitrobenzene	7.38	77	590623	66.07	ng	99
49) Dimethylphthalate	9.64	163	127503	5.07	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.92	149	43862	2.76	ng	97

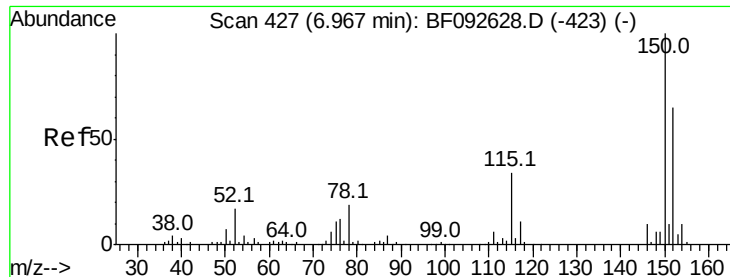
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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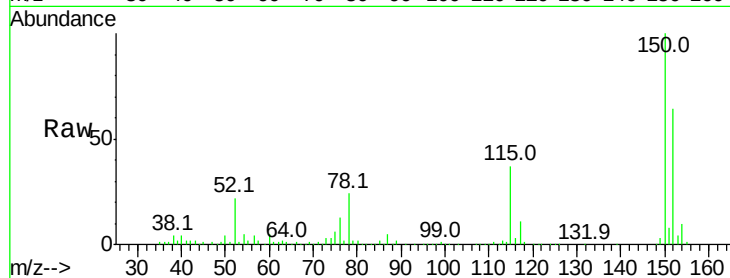


#1

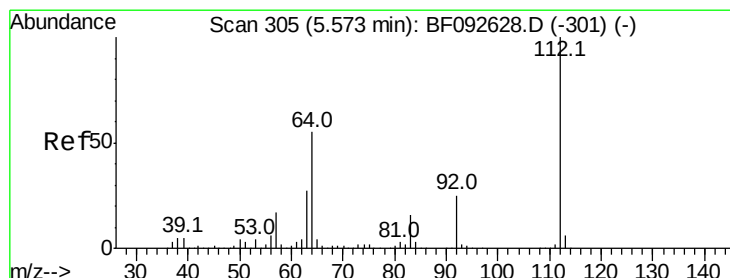
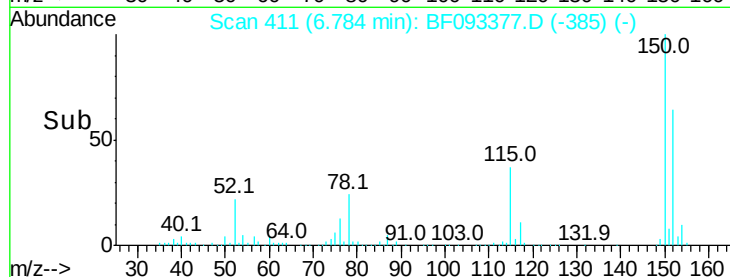
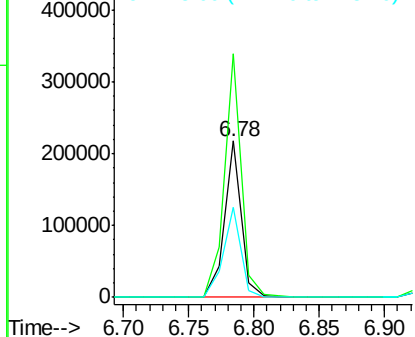
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF093377.D
 Acq: 3 Mar 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-252657

Tot Ion:152 Resp: 196975
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 57.6 46.0 69.0



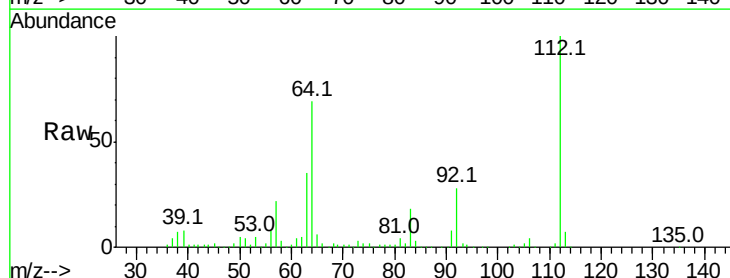
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



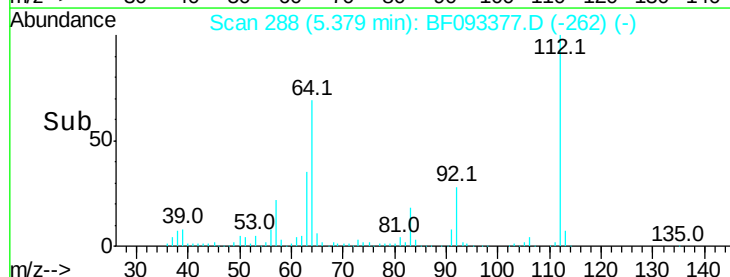
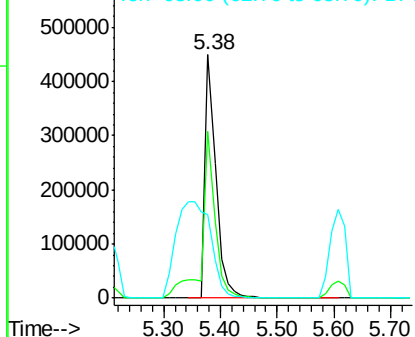
#5

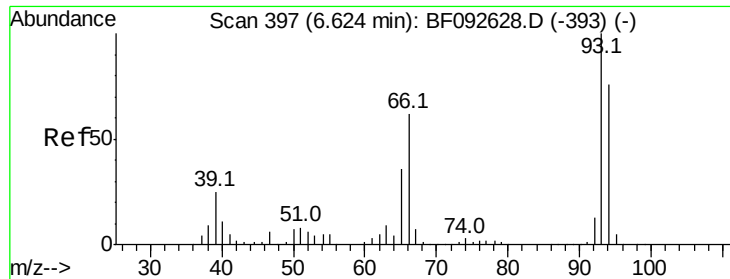
2-Fluorophenol
 Concen: 49.82 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF093377.D
 Acq: 3 Mar 2017 23:46

Tgt Ion:112 Resp: 572004
 Ion Ratio Lower Upper
 112 100
 64 68.7 46.1 69.1
 63 34.5 23.8 35.6



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





#6

Aniline

Concen: 18.95 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-252657

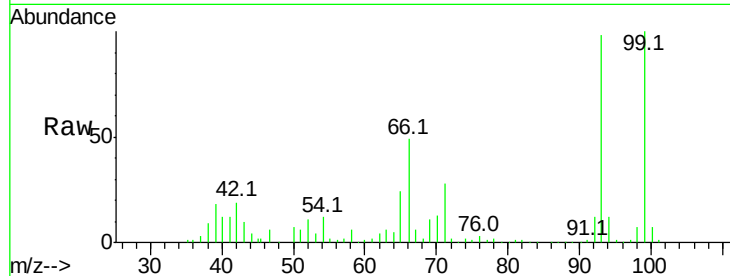
Tot Ion: 93 Resp: 381924

Ion Ratio Lower Upper

93 100

66 50.2 76.2 114.2#

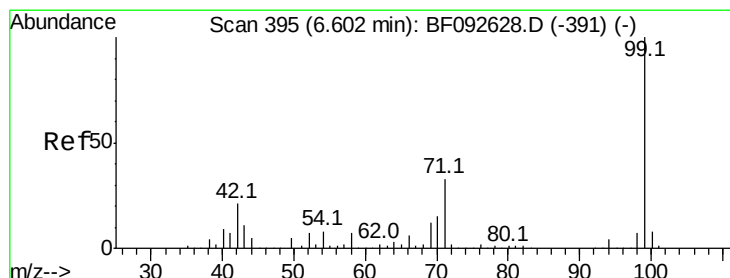
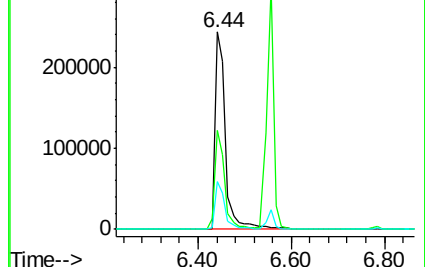
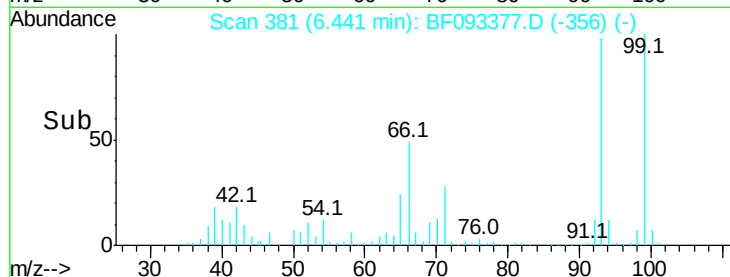
65 24.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 27.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

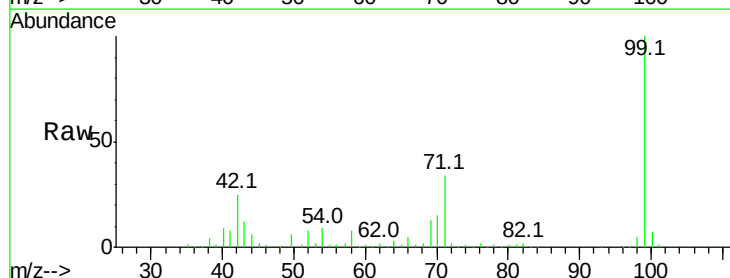
Tgt Ion: 99 Resp: 411187

Ion Ratio Lower Upper

99 100

42 24.5 15.6 23.4#

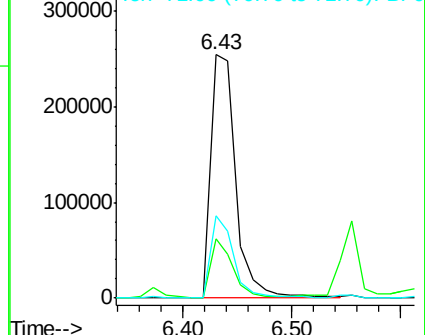
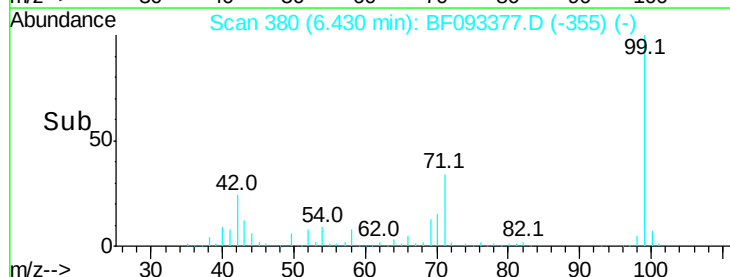
71 34.1 27.5 41.3

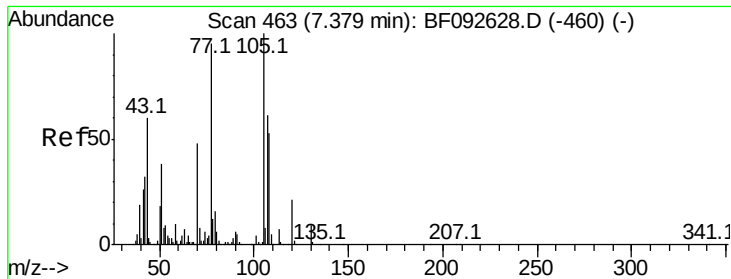


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#20

3+4-Methylphenols

Concen: 3.92 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

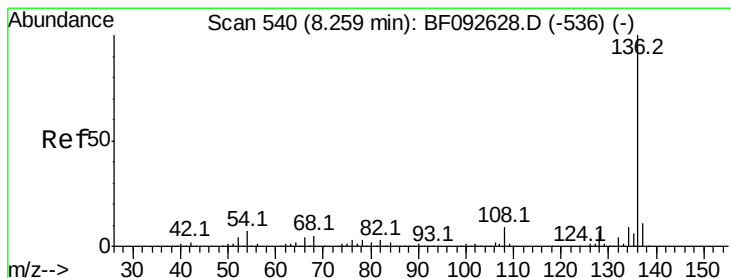
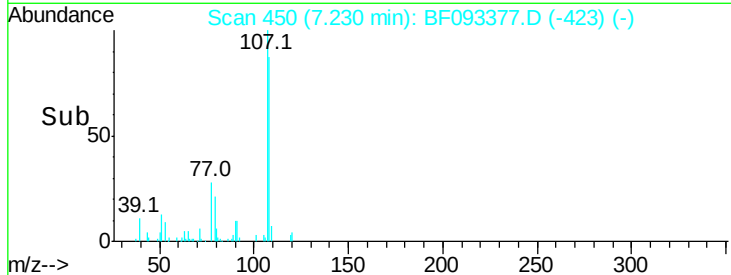
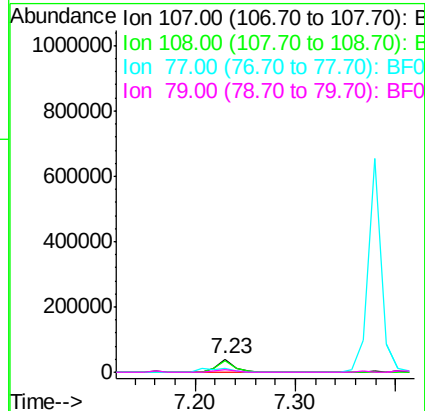
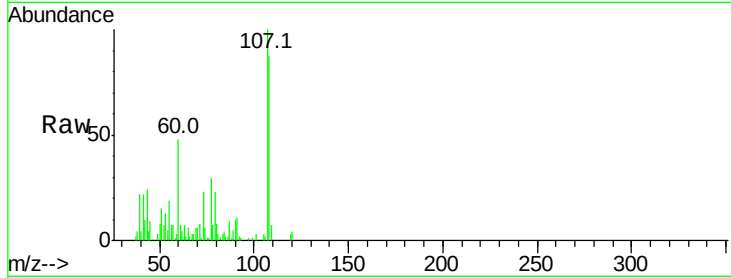
Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-252657

Tot Ion:	107	Resp:	50880
Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.0	113.0
77	30.0	71.3	111.3#
79	23.1	11.1	51.1



#21

Naphthalene-d8

Concen: 20.00 ng

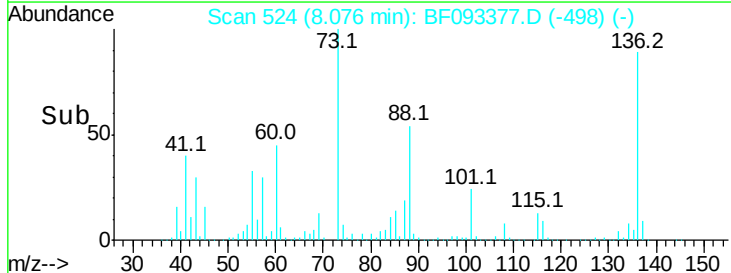
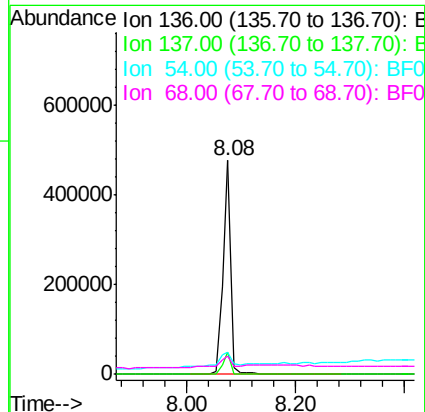
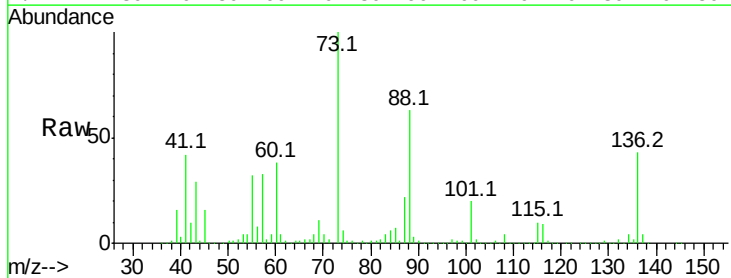
RT: 8.08 min Scan# 524

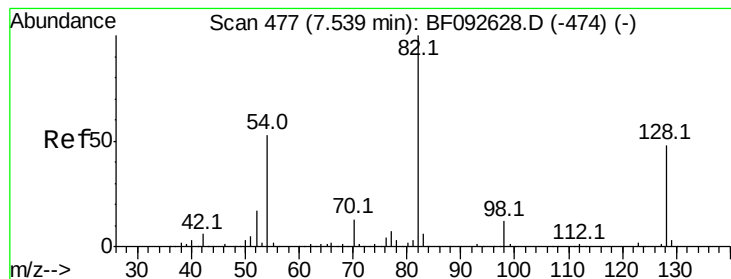
Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

Tgt Ion:	136	Resp:	484792
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	10.0	4.5	6.7#
68	8.2	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 146.34 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-252657

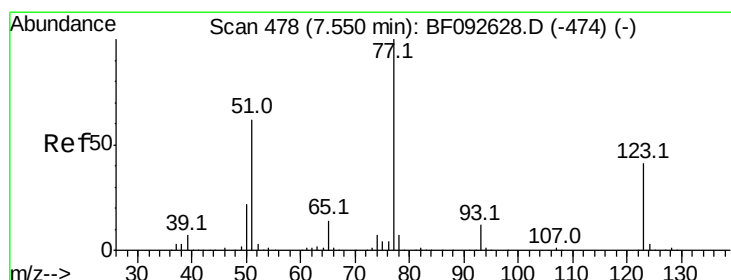
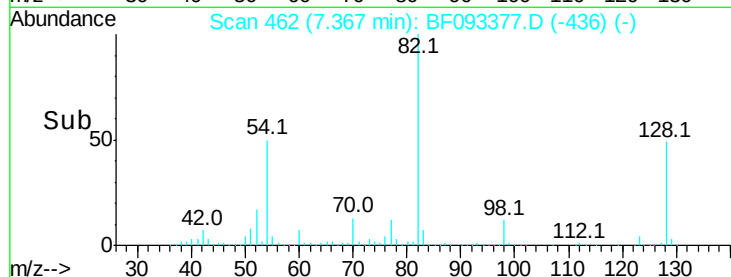
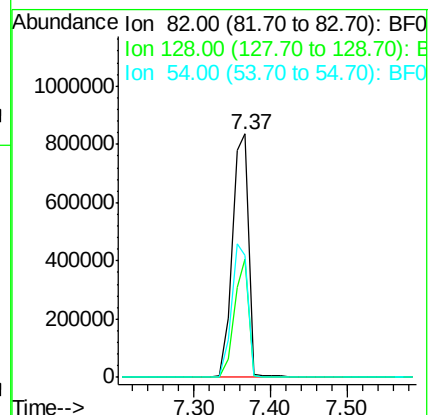
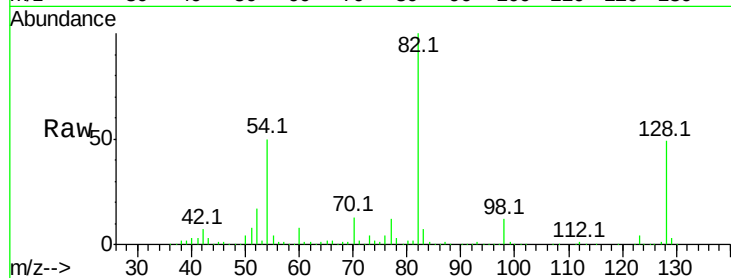
Tot Ion: 82 Resp: 1273968

Ion Ratio Lower Upper

82 100

128 48.6 34.6 52.0

54 50.0 39.5 59.3



#24

Nitrobenzene

Concen: 66.07 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

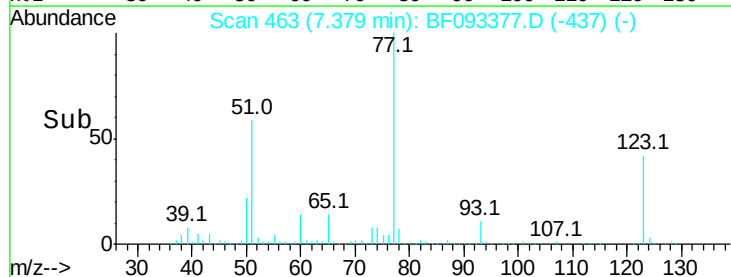
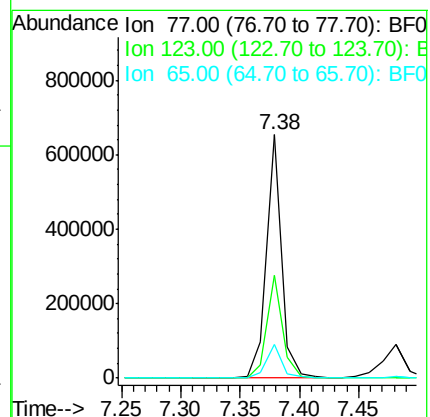
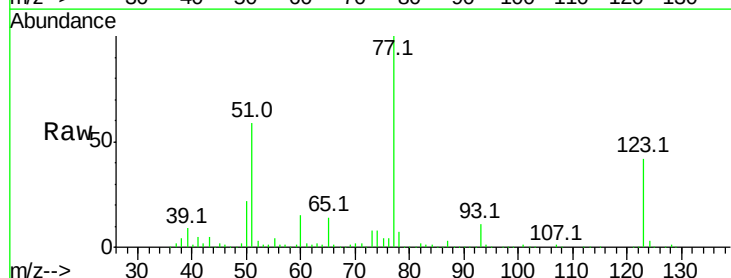
Tgt Ion: 77 Resp: 590623

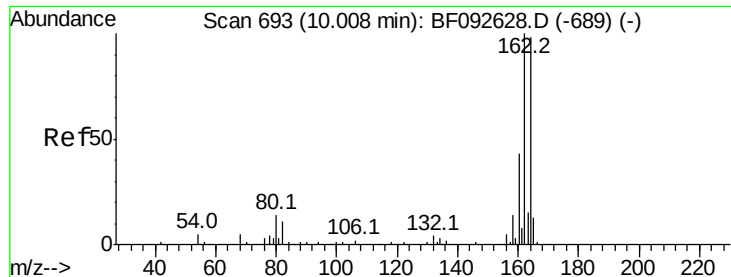
Ion Ratio Lower Upper

77 100

123 42.3 33.0 49.4

65 14.1 11.2 16.8

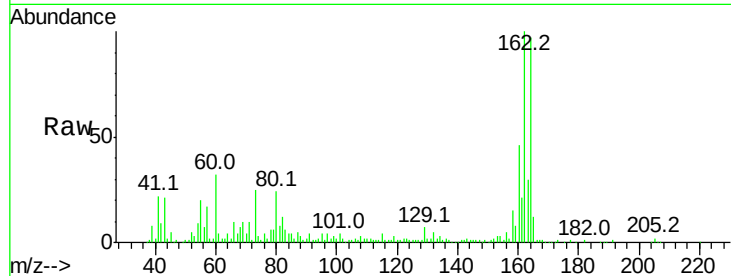




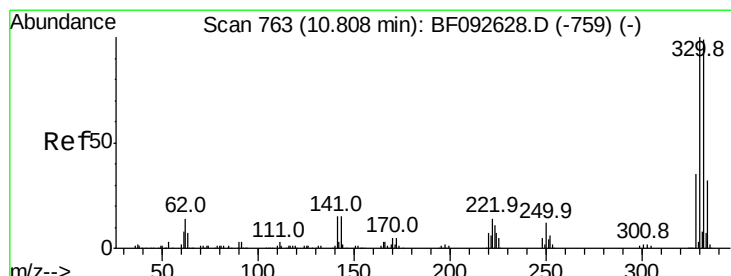
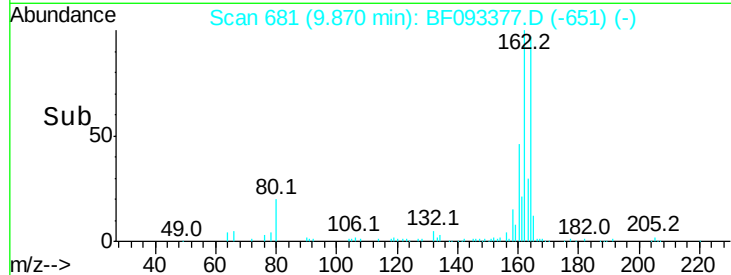
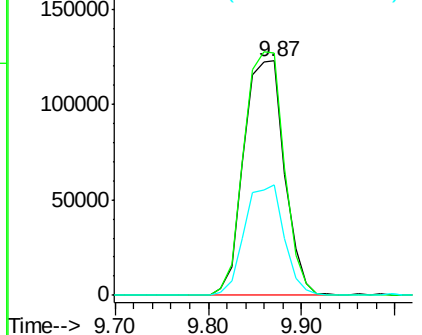
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.05 min
Lab File: BF093377.D
Acq: 3 Mar 2017 23:46

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-252657

Tot Ion:164 Resp: 373320
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 47.3 36.9 55.3

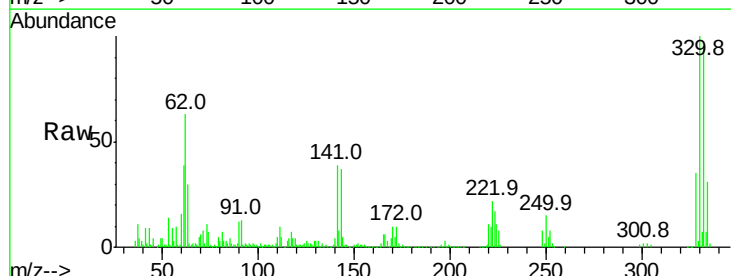


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

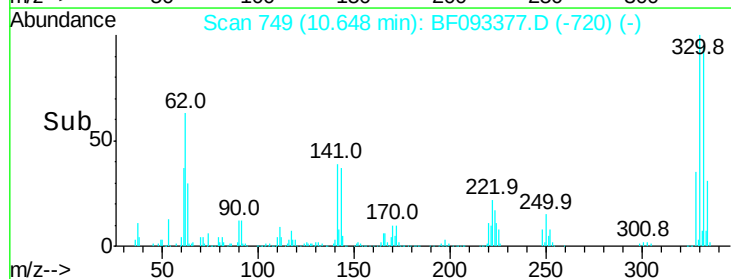
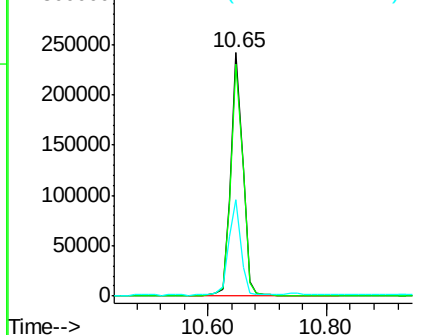


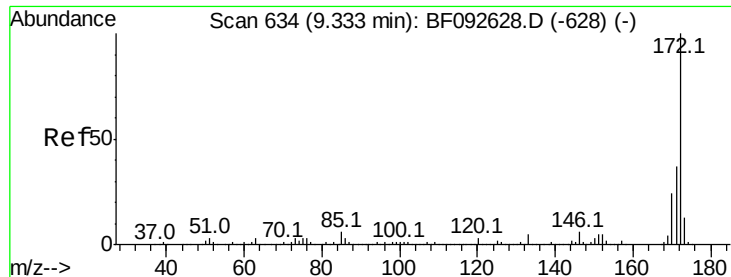
#41
2,4,6-Tribromophenol
Concen: 126.59 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.03 min
Lab File: BF093377.D
Acq: 3 Mar 2017 23:46

Tgt Ion:330 Resp: 341790
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 39.4 34.1 51.1



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

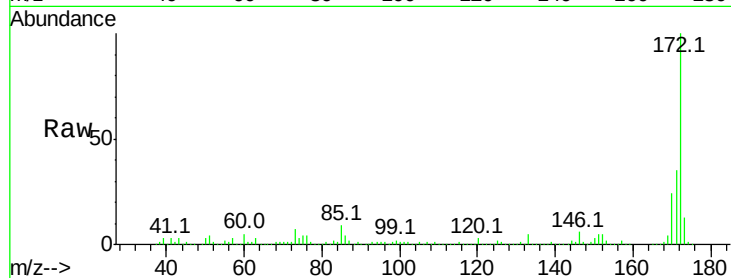




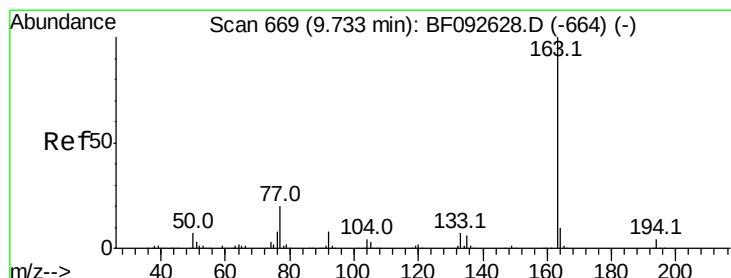
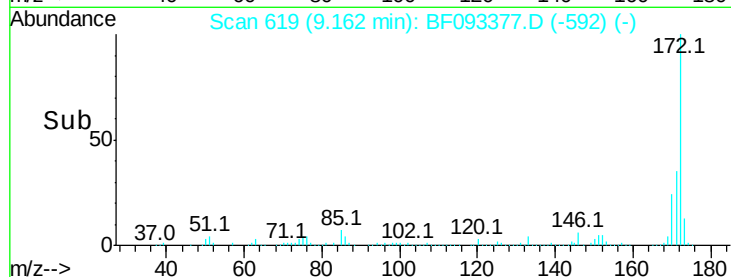
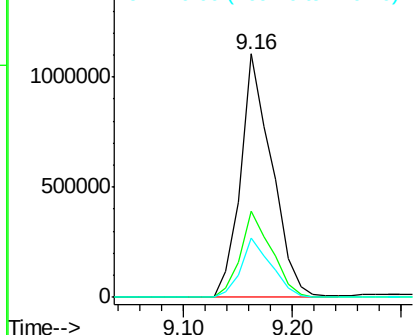
#44
 2-Fluorobiphenyl
 Concen: 107.34 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF093377.D
 Acq: 3 Mar 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-252657

Tot Ion:172 Resp: 2211829
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.3 20.2 30.4

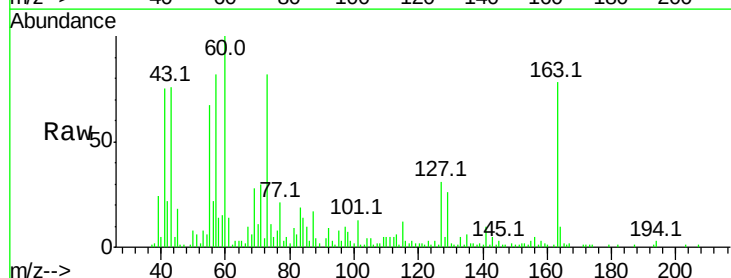


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

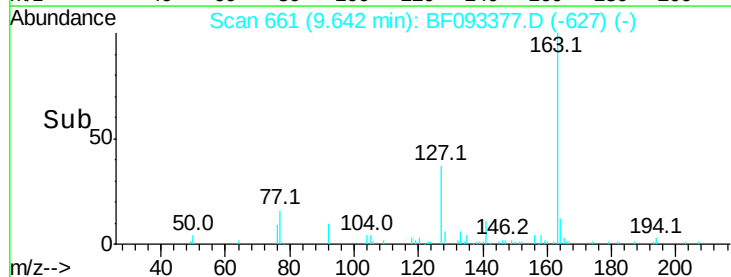
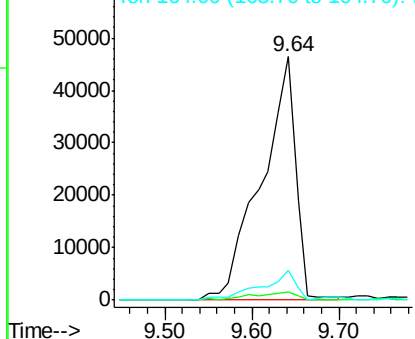


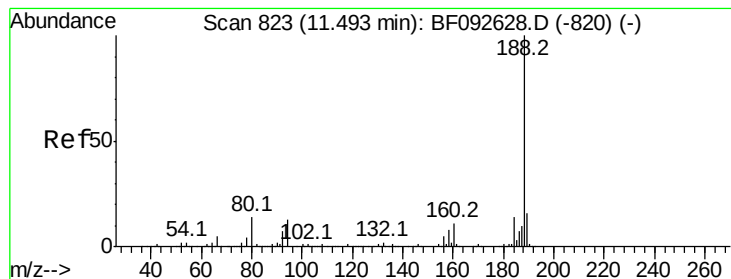
#49
 Dimethylphthalate
 Concen: 5.07 ng
 RT: 9.64 min Scan# 661
 Delta R.T. 0.09 min
 Lab File: BF093377.D
 Acq: 3 Mar 2017 23:46

Tgt Ion:163 Resp: 127503
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 12.4 8.0 12.0#



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: 11.32 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-252657

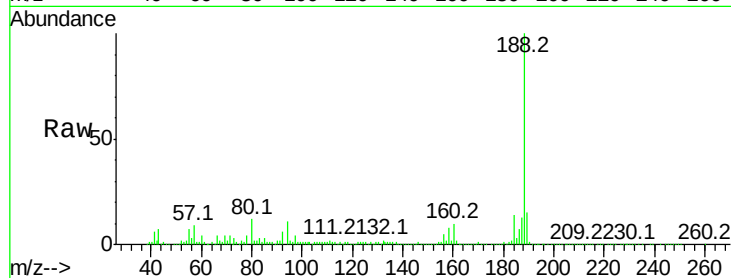
Tot Ion:188 Resp: 573792

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

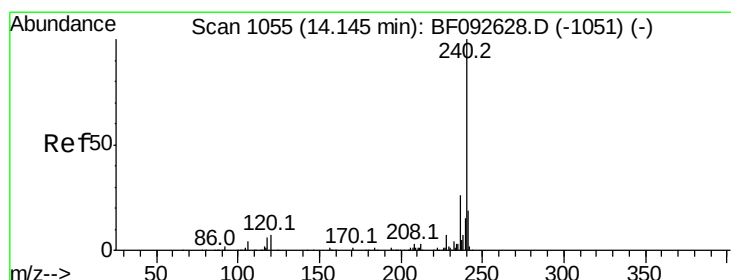
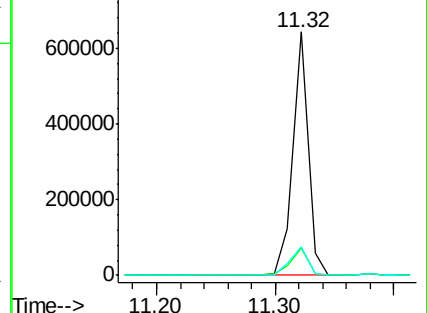
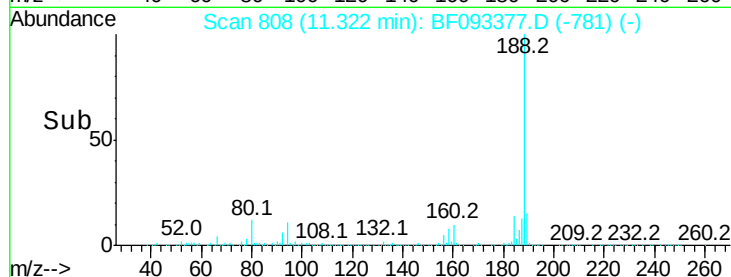
80 11.8 11.2 16.8



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: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

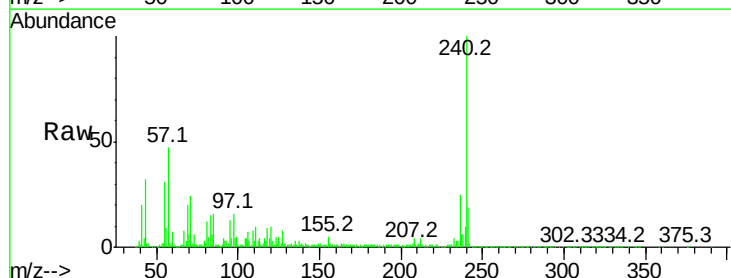
Tgt Ion:240 Resp: 383069

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

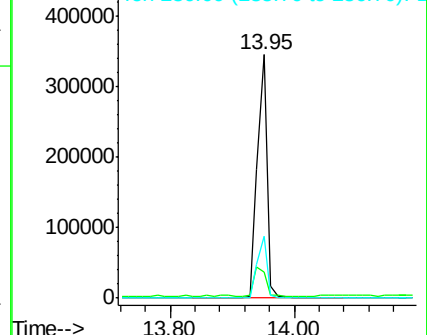
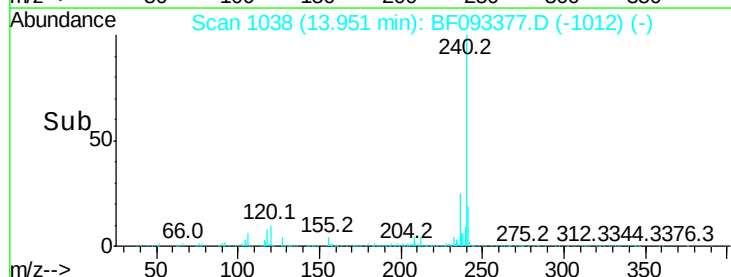
236 25.2 20.9 31.3

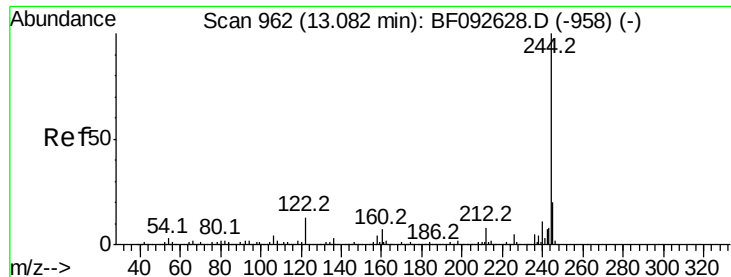


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.80 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-252657

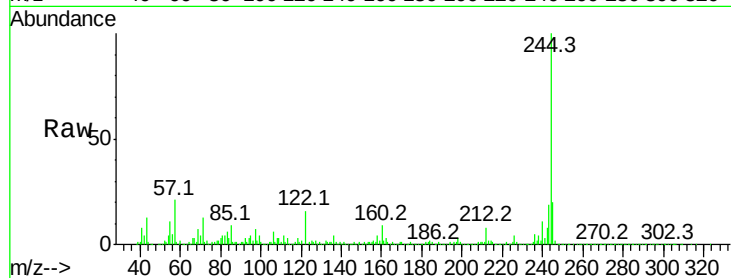
Tot Ion:244 Resp: 909690

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

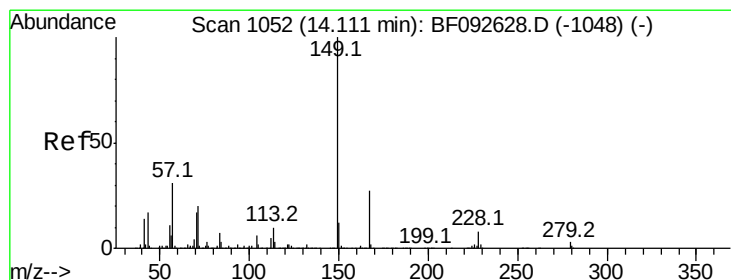
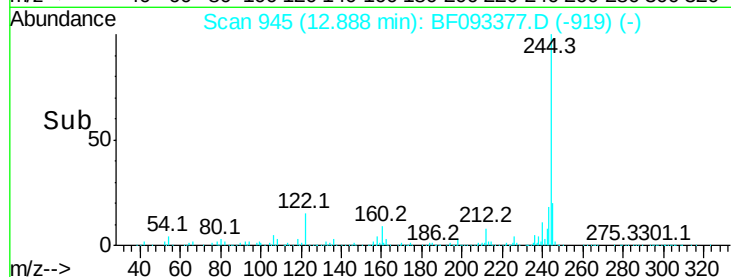
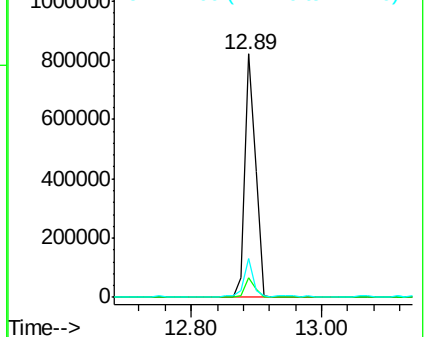
122 15.8 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.76 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF093377.D

Acq: 3 Mar 2017 23:46

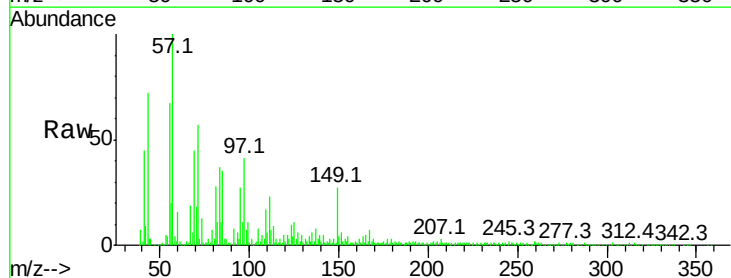
Tgt Ion:149 Resp: 43862

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

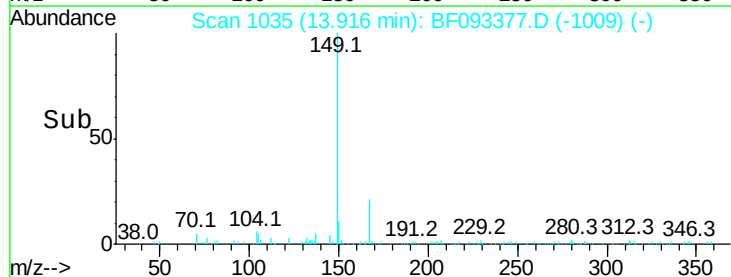
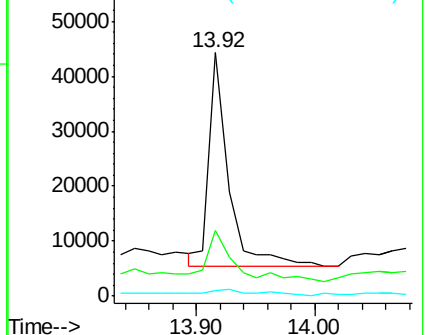
279 2.5 1.8 2.8

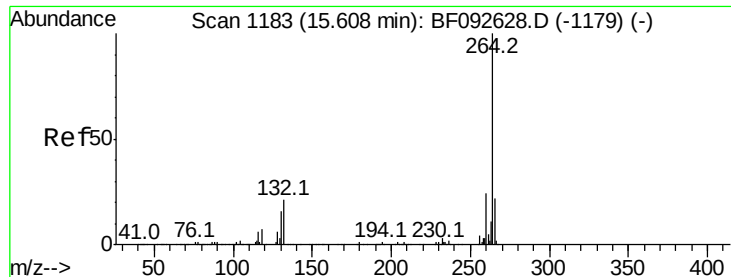


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

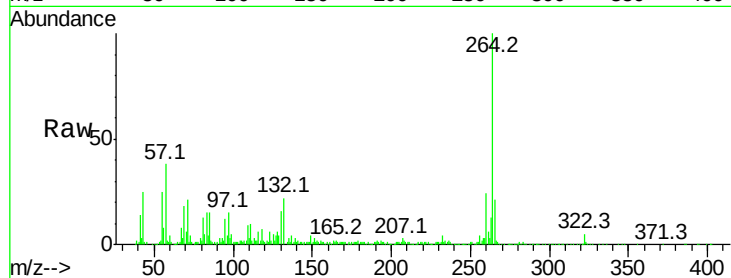




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF093377.D
Acq: 3 Mar 2017 23:46

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-252657

Tot Ion:	264	Resp:	332017
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.4	26.0



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

