

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090683.D
 Acq On : 20 Oct 2016 15:42
 Operator : UM/SJ
 Sample : H5315-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-EAST

Quant Time: Oct 20 18:53:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 2016
 Response via : Initial Calibration

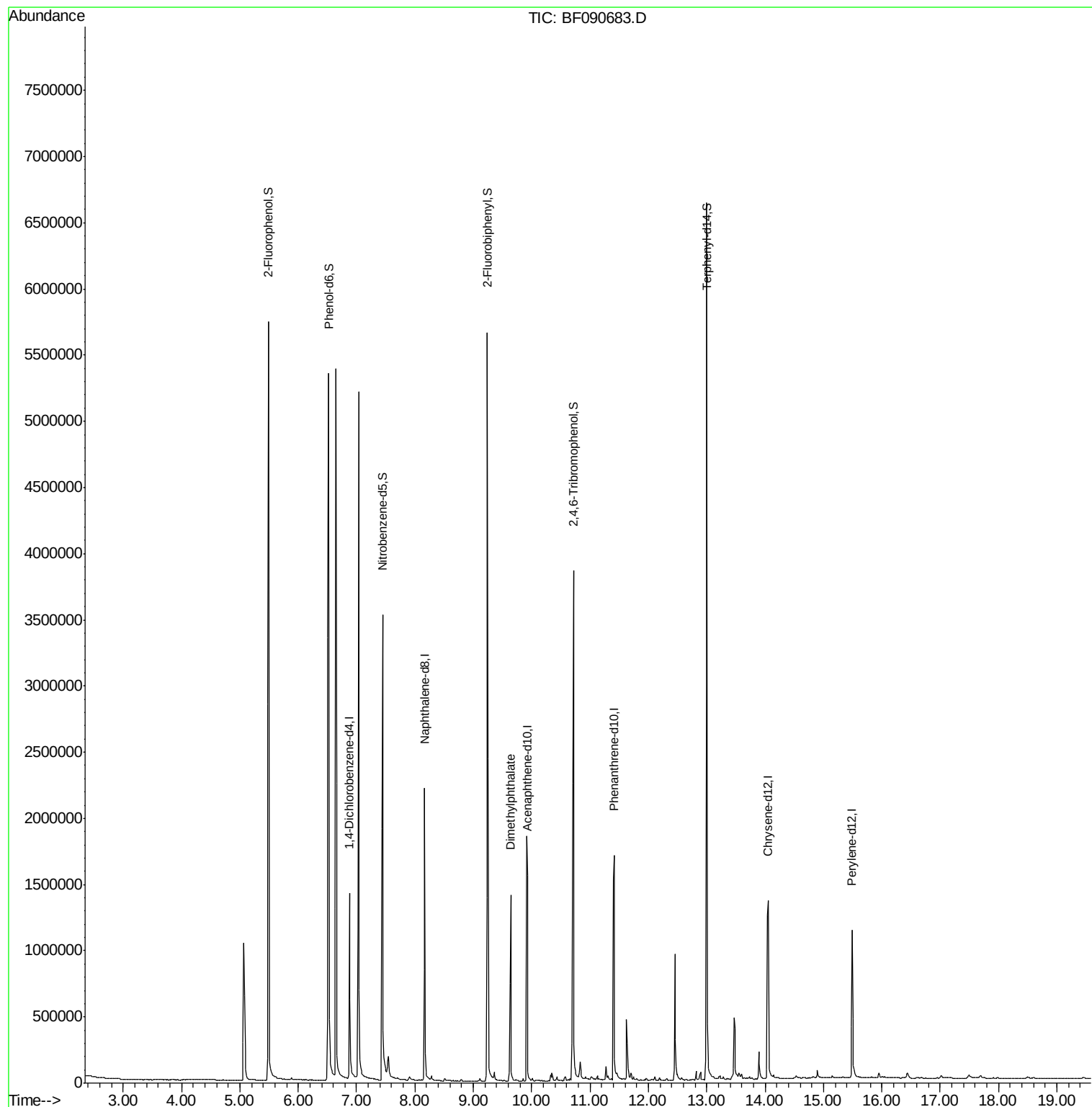
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	240613	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1133079	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	567898	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	934596	20.00	ng	0.00
75) Chrysene-d12	14.05	240	703003	20.00	ng	0.00
86) Perylene-d12	15.49	264	495393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1788426	136.26	ng	0.01
7) Phenol-d6	6.52	99	2463938	126.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	1630480	79.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	570332	112.65	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2237913	64.93	ng	-0.01
78) Terphenyl-d14	13.00	244	2311795	76.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.64	163	698899	18.97	ng	Qvalue 98

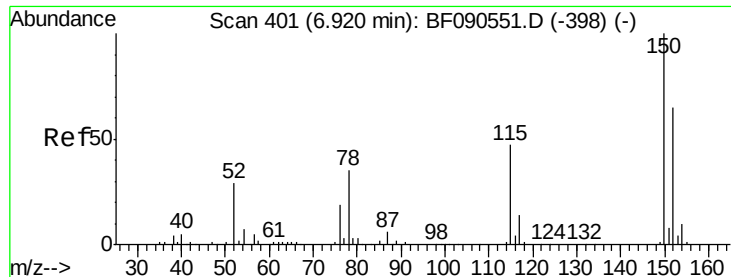
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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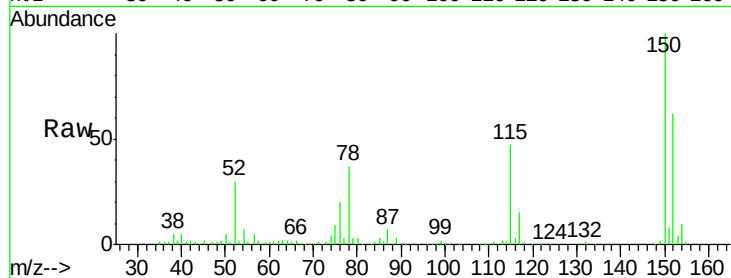


#1

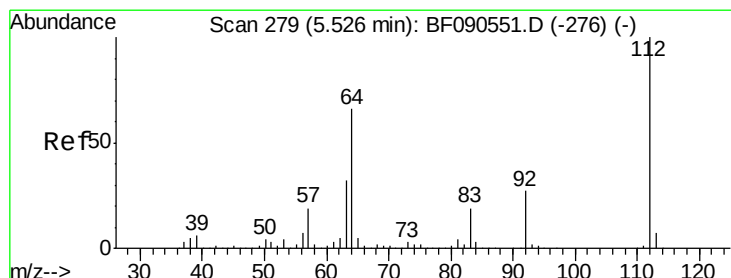
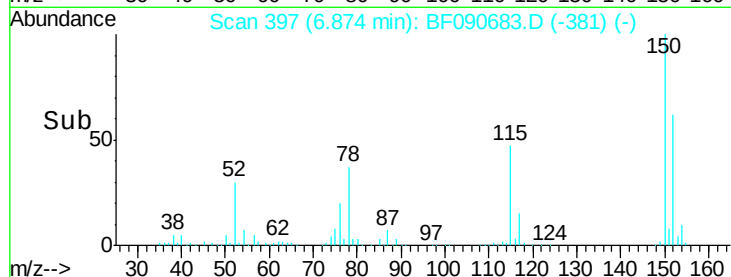
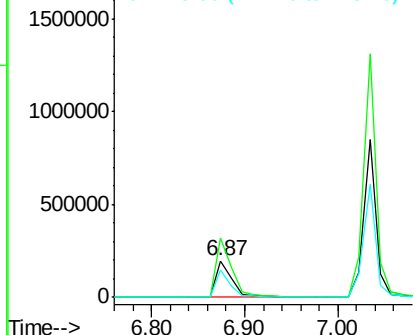
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-EAST

Tot Ion:152 Resp: 240613
Ion Ratio Lower Upper
152 100
150 161.2 127.2 190.8
115 75.5 58.6 88.0



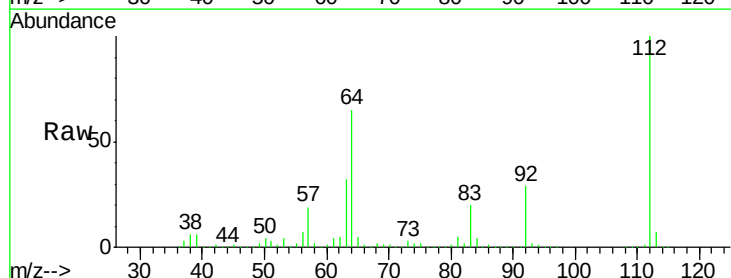
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



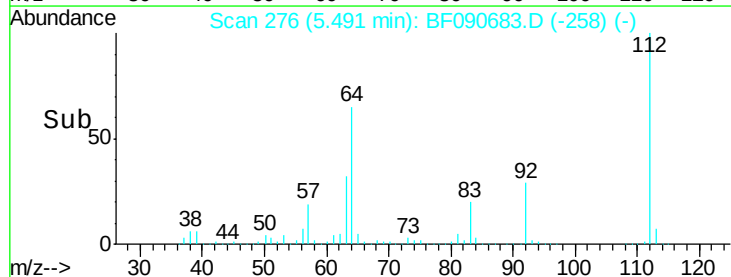
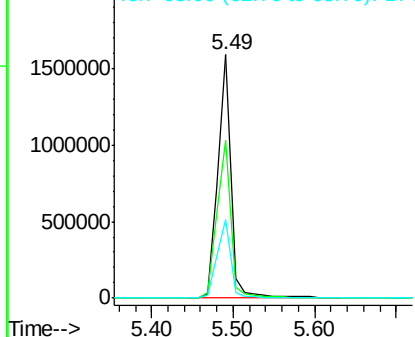
#5

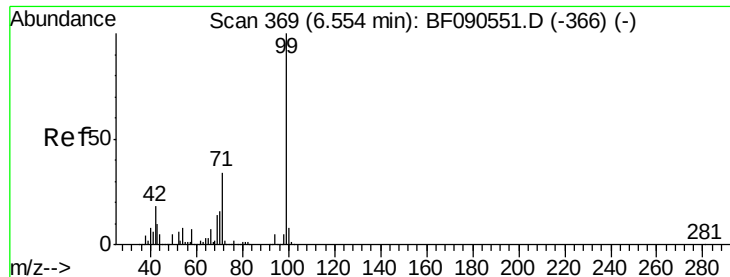
2-Fluorophenol
Concen: 136.26 ng
RT: 5.49 min Scan# 276
Delta R.T. 0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion:112 Resp: 1788426
Ion Ratio Lower Upper
112 100
64 64.6 52.6 78.8
63 32.5 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: 126.34 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

FO-TANK-END-EAST

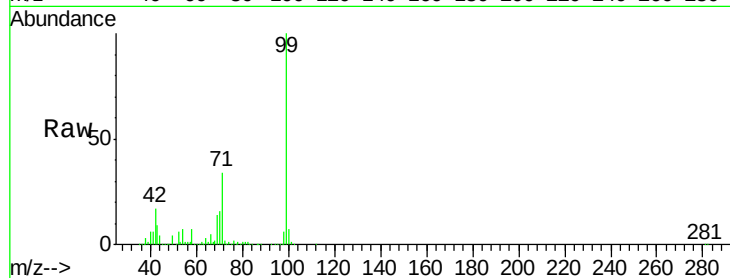
Tot Ion: 99 Resp: 2463938

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

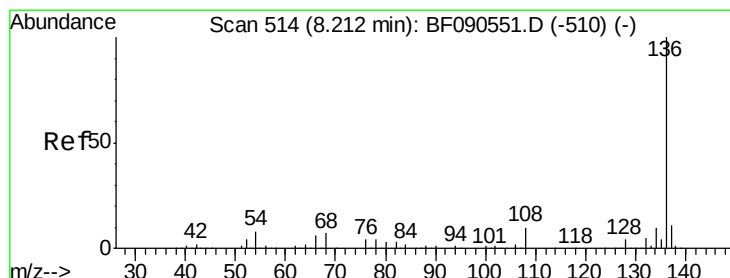
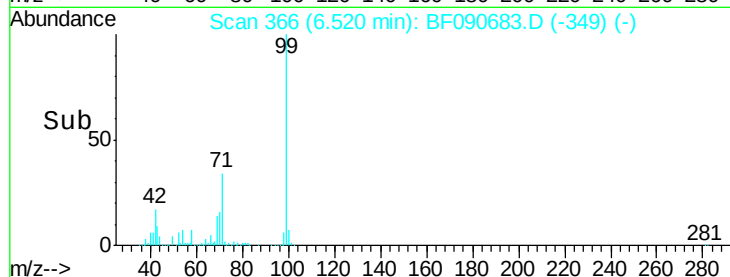
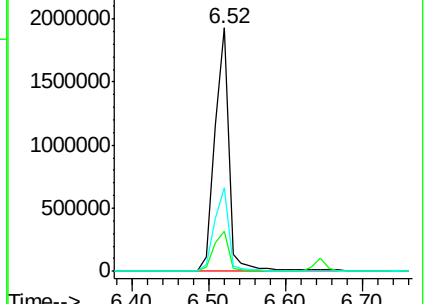
71 34.1 27.6 41.4



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: 8.17 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

Tgt Ion: 136 Resp: 1133079

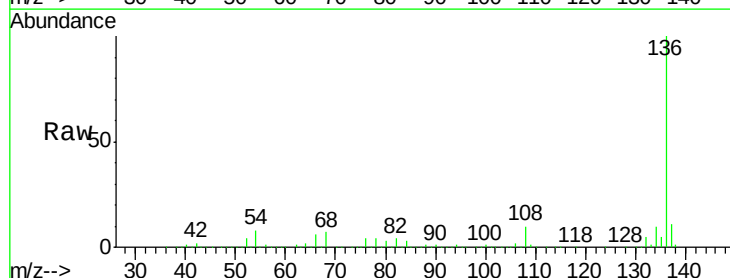
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.5 6.8 10.2

68 7.2 6.0 9.0

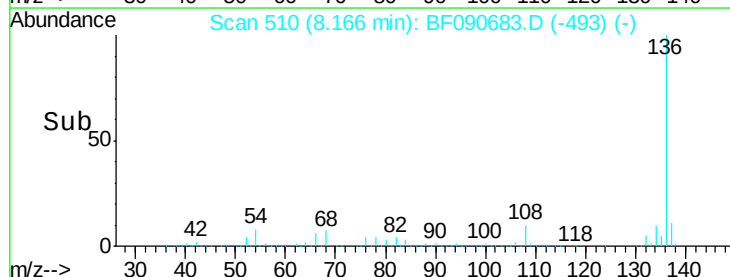
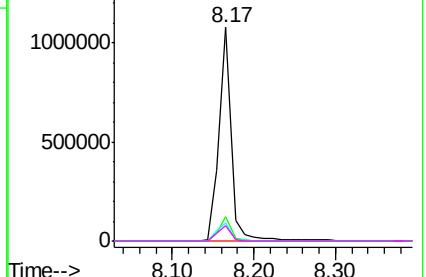


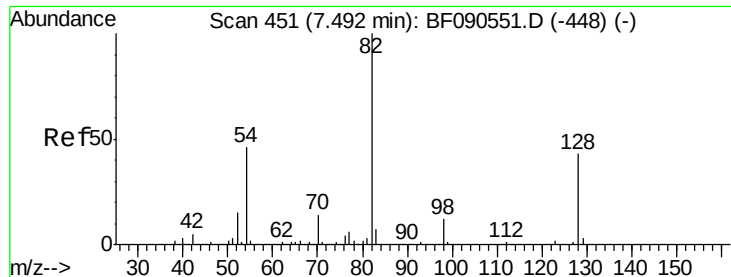
Abundance Ion 136.00 (135.70 to 136.70): E

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

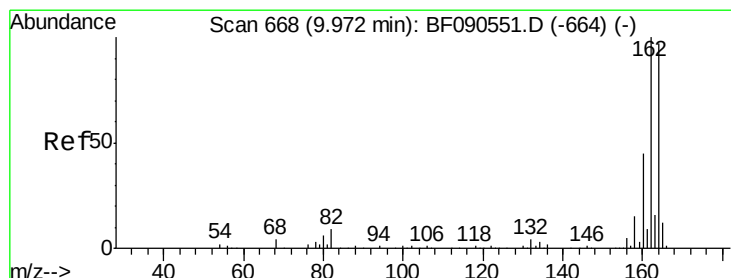
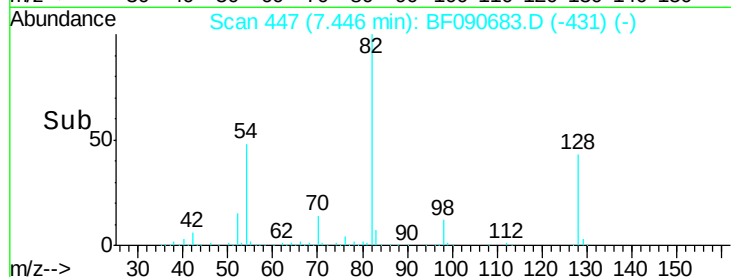
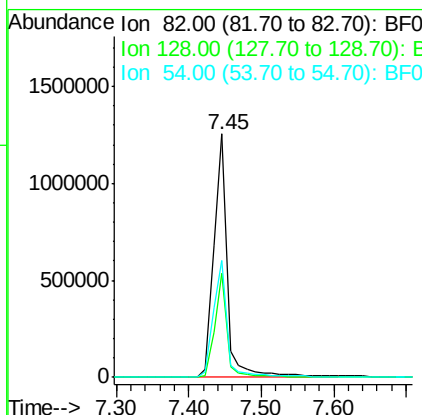
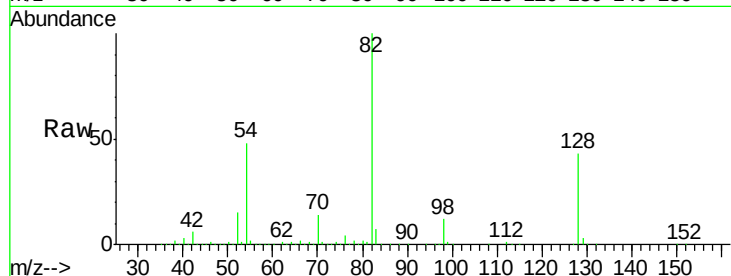




#23
 Nitrobenzene-d5
 Concen: 79.94 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090683.D
 Acq: 20 Oct 2016 15:42

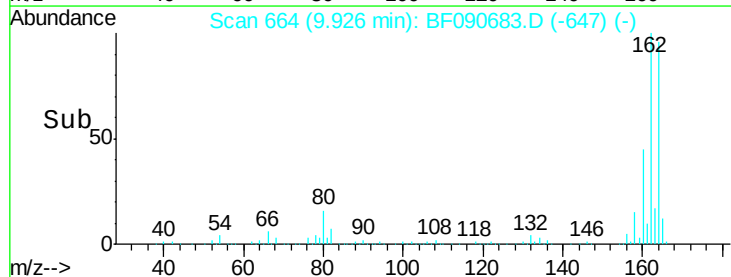
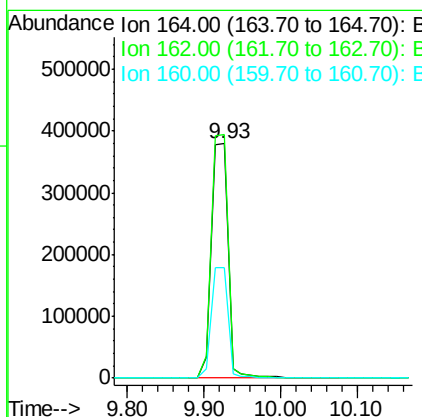
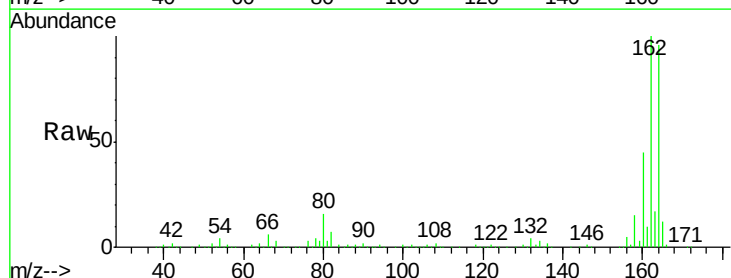
Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-EAST

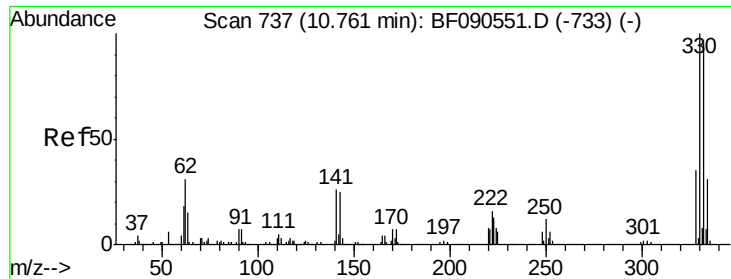
Tot Ion: 82 Resp: 1630480
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.3 51.5
 54 47.8 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF090683.D
 Acq: 20 Oct 2016 15:42

Tgt Ion:164 Resp: 567898
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.4
 160 47.2 36.6 55.0

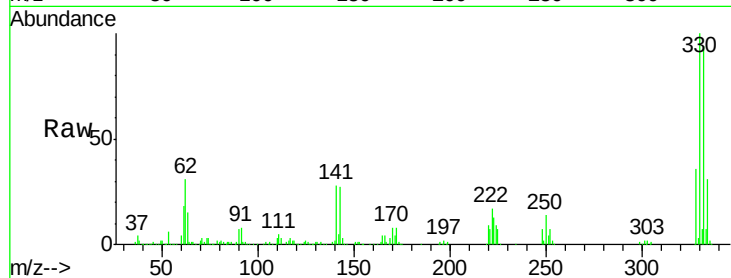




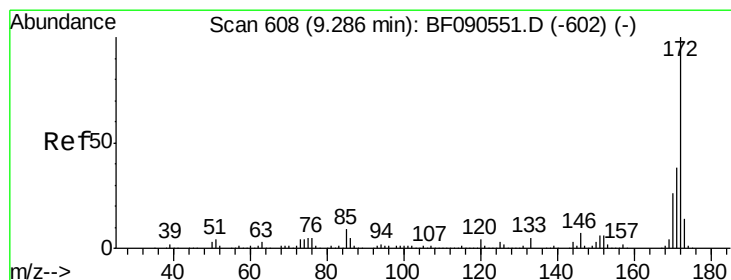
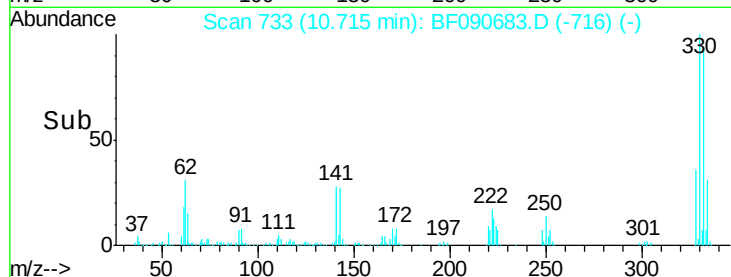
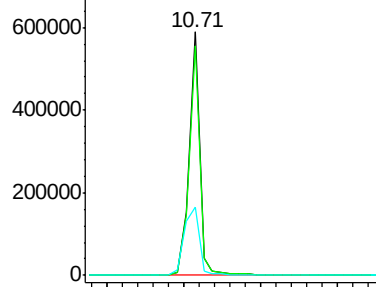
#41
 2,4,6-Tribromophenol
 Concen: 112.65 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090683.D
 Acq: 20 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-EAST

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.2
141	40.6	31.4	47.2

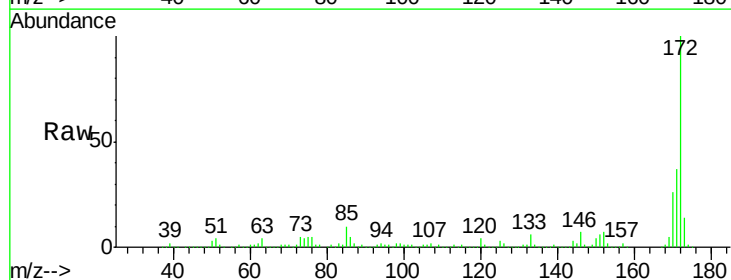


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

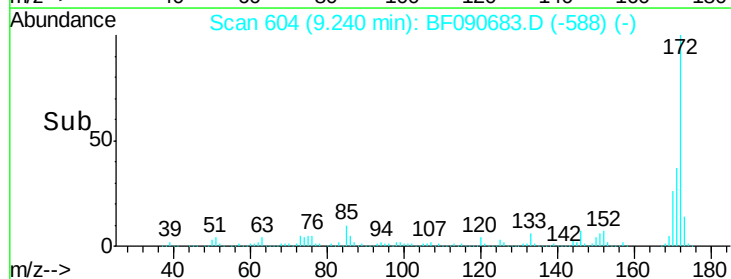
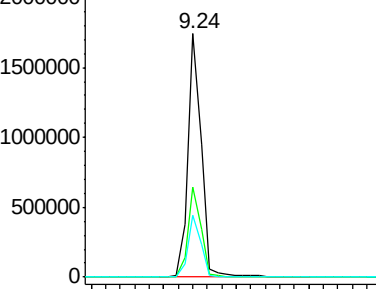


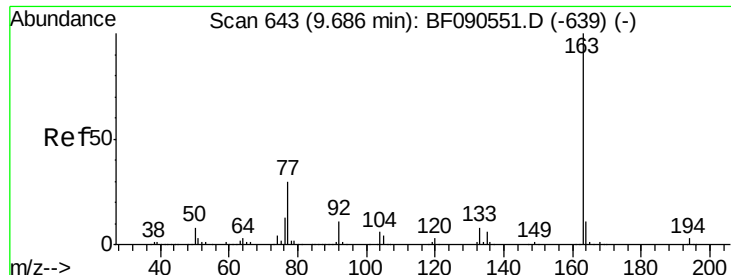
#44
 2-Fluorobiphenyl
 Concen: 64.93 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF090683.D
 Acq: 20 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	25.6	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: 18.97 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

FO-TANK-END-EAST

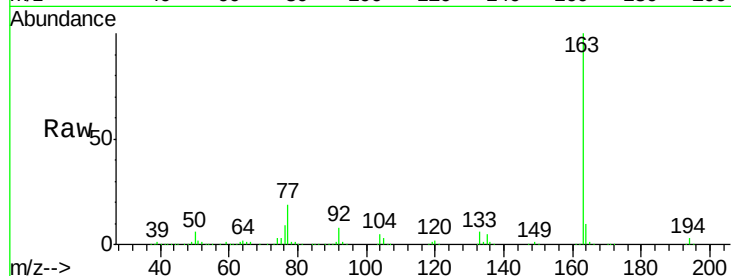
Tot Ion:163 Resp: 698899

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

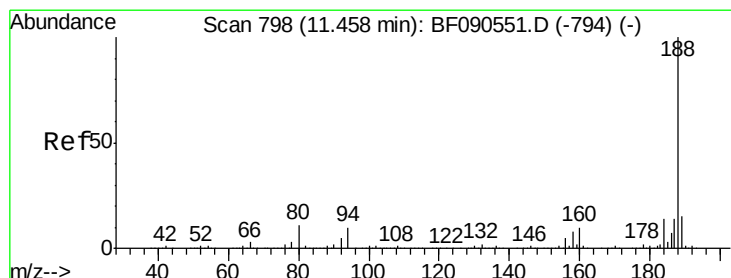
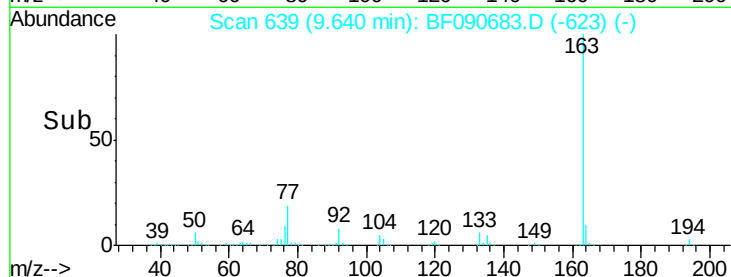
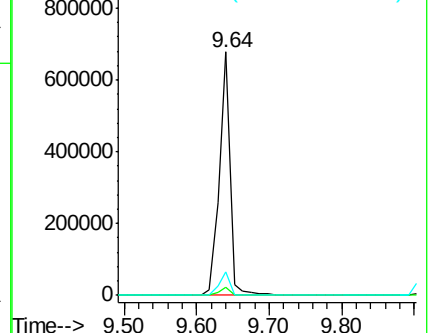
164 9.9 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

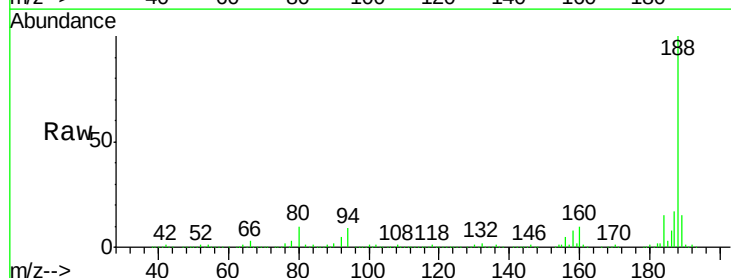
Tgt Ion:188 Resp: 934596

Ion Ratio Lower Upper

188 100

94 8.8 7.7 11.5

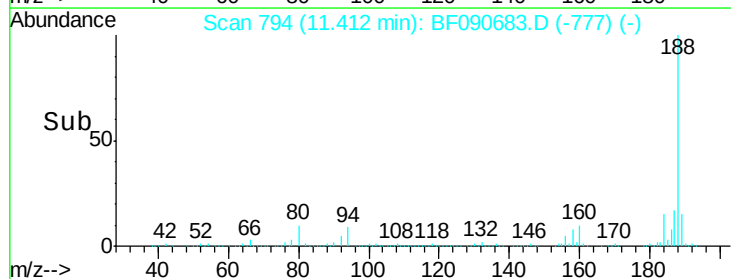
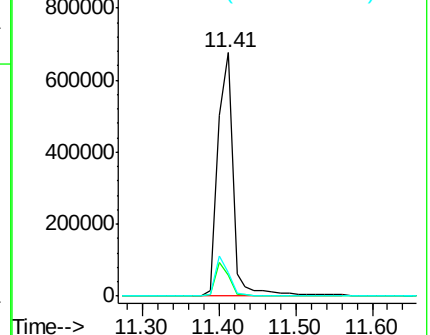
80 9.6 8.6 12.8

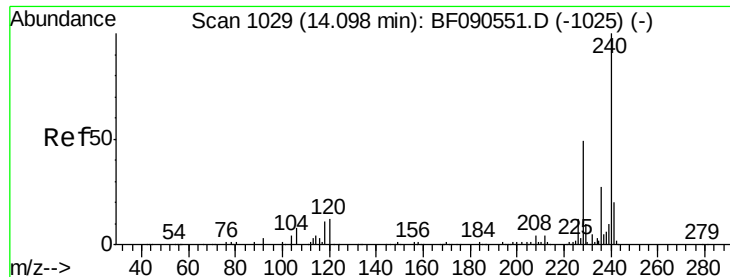


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

FO-TANK-END-EAST

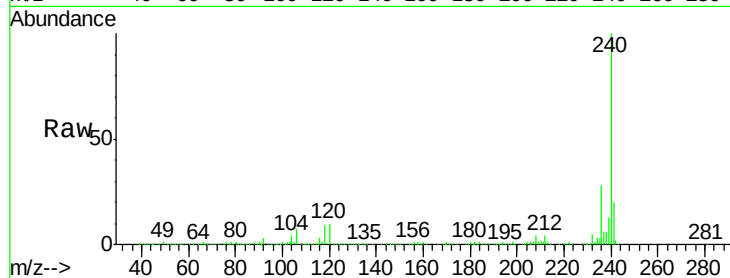
Tot Ion:240 Resp: 703003

Ion Ratio Lower Upper

240 100

120 9.6 9.8 14.8#

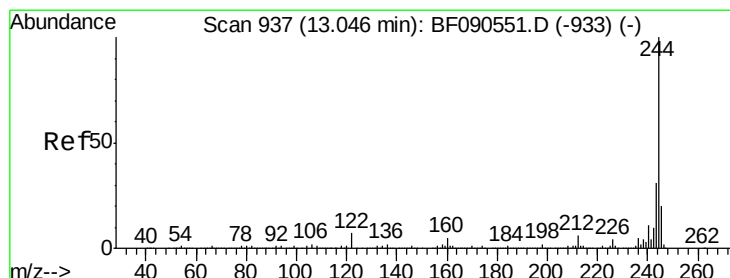
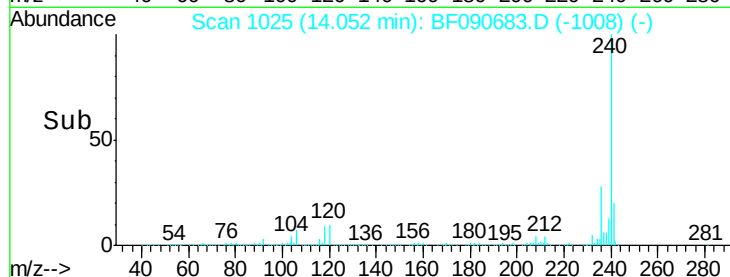
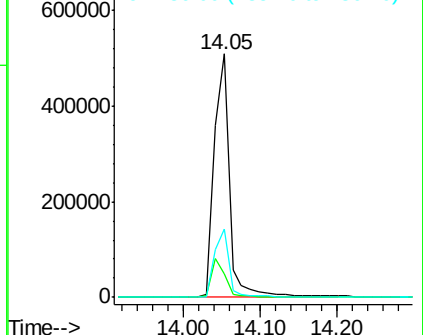
236 27.9 21.7 32.5



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: 76.57 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF090683.D

Acq: 20 Oct 2016 15:42

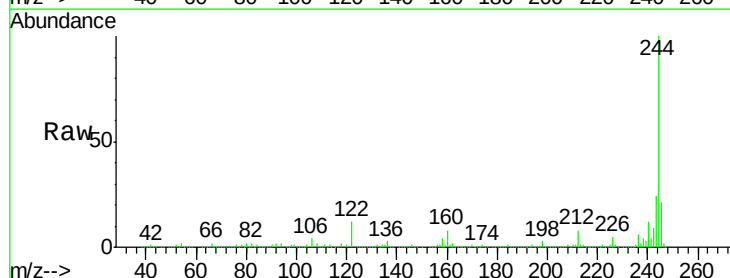
Tgt Ion:244 Resp: 2311795

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

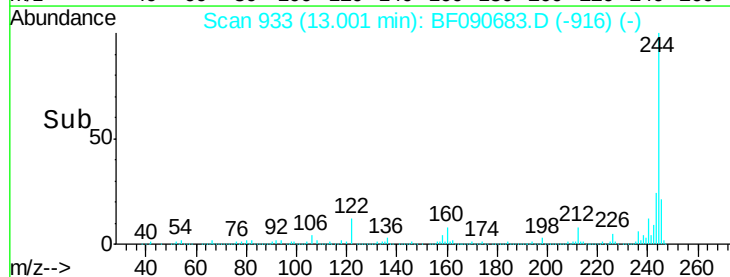
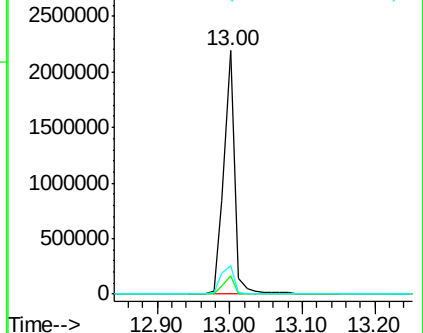
122 11.9 5.6 8.4#

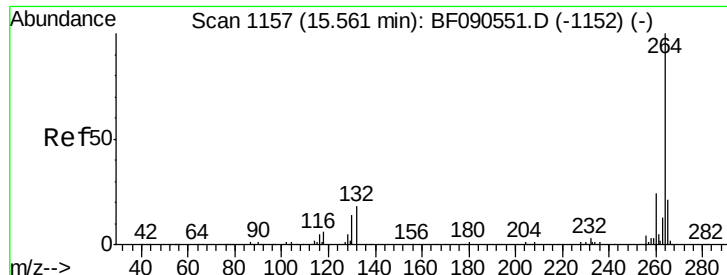


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

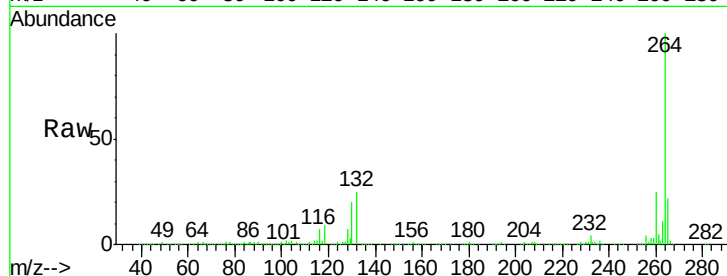




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF090683.D
 Acq: 20 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-EAST

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.1	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

