

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082604.D
 Acq On : 31 Oct 2015 6:52
 Operator : UM/IZ
 Sample : G4163-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030-IDW2(WATER)

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:32:19 PM

Quant Time: Nov 02 05:05:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181220	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	741912	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	382541	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	679951	20.00	ng	0.00
75) Chrysene-d12	14.07	240	508231	20.00	ng	-0.01
86) Perylene-d12	15.53	264	390153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	496478	41.26	ng	0.00
7) Phenol-d6	6.52	99	430773	26.95	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1642621	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	397375	94.92	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2469873	91.67	ng	0.00
78) Terphenyl-d14	13.03	244	2005230	86.35	ng	0.00
Target Compounds						
31) Naphthalene	8.21	128	188130	4.69	ng	Qvalue # 95

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

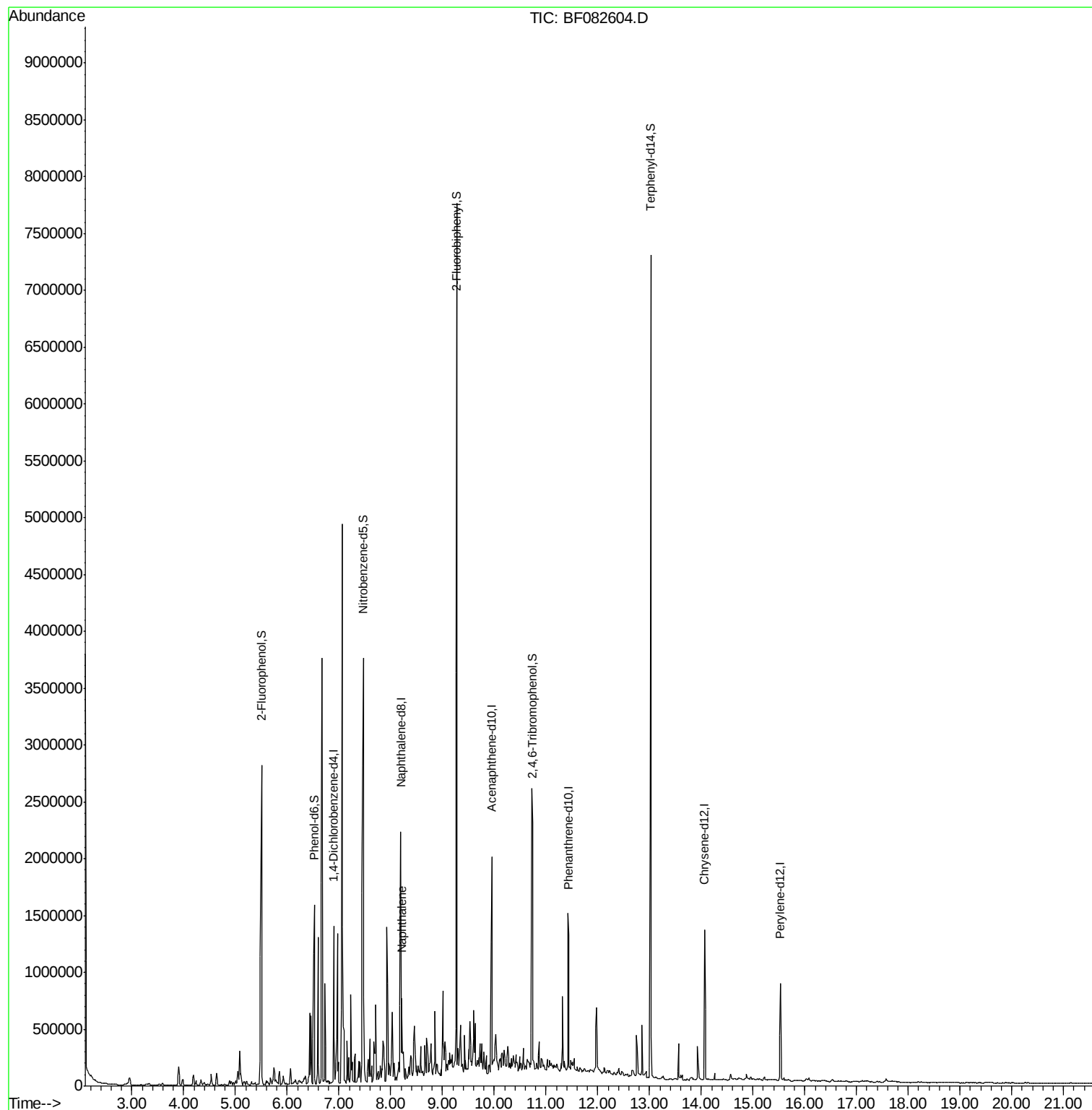
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082604.D
Acq On : 31 Oct 2015 6:52
Operator : UM/IZ
Sample : G4163-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

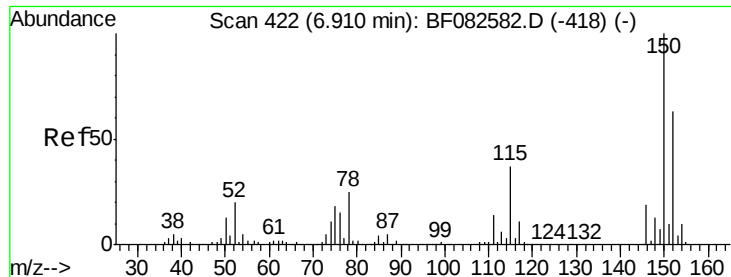
Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:19 PM

Quant Time: Nov 02 05:05:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

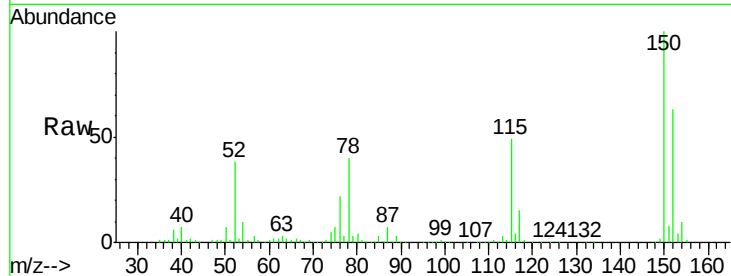




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

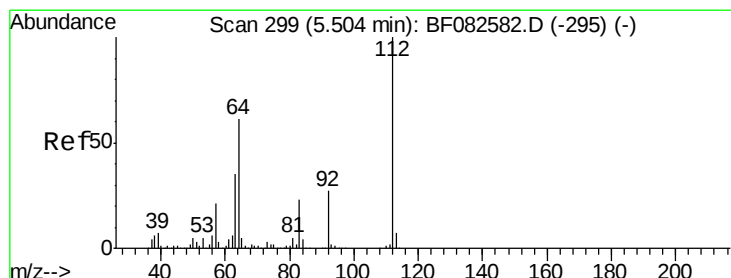
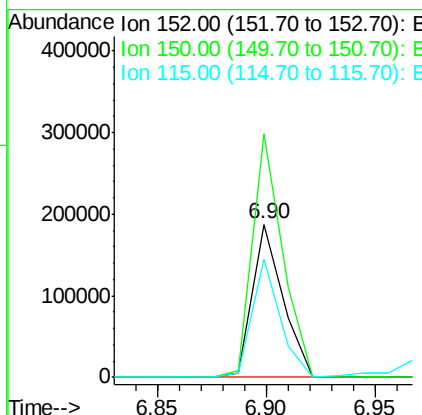
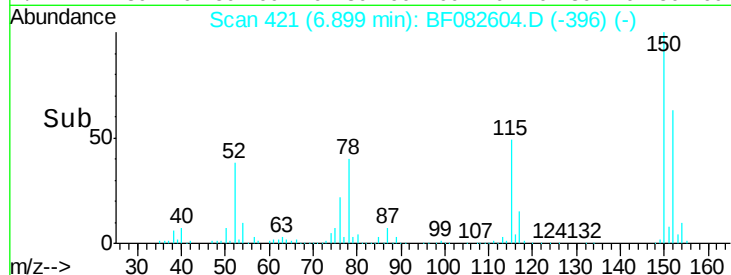
Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	181220		
150	158.9	127.0	190.4	
115	77.4	47.0	70.6	

Manual Integrations
APPROVED

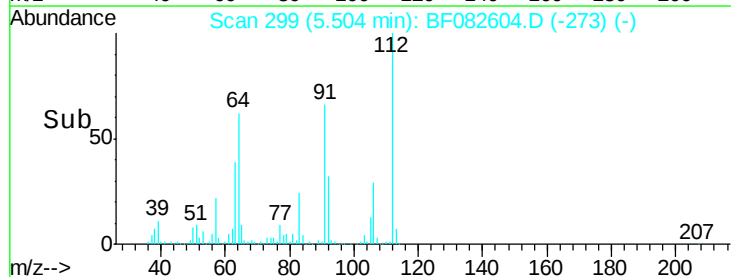
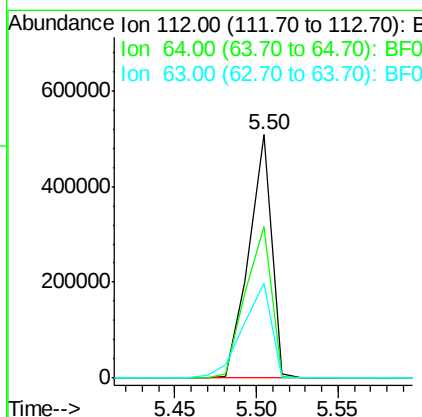
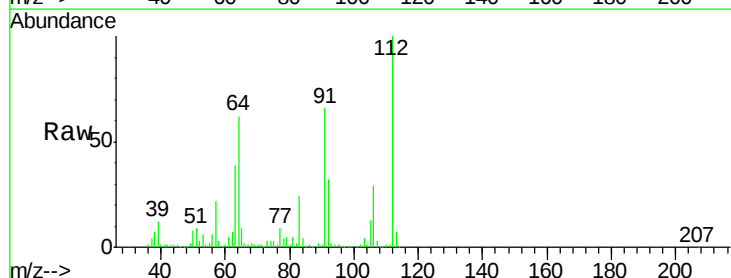
Mmdadoda
11/2/2015 4:32:19 PM



#5

2-Fluorophenol
Concen: 41.26 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	496478		
64	62.0	48.9	73.3	
63	39.0	28.1	42.1	





#7

Phenol-d6

Concen: 26.95 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082604.D

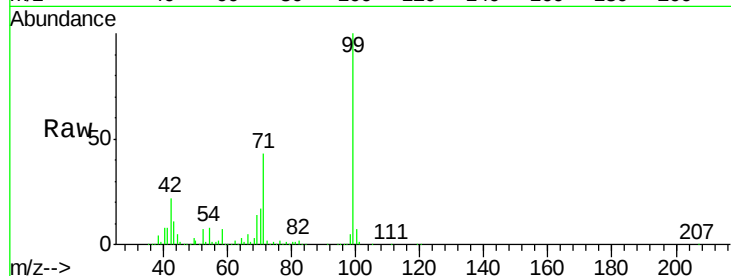
Acq: 31 Oct 2015 6:52

Instrument :

BNA_F

ClientSampleId :

030-IDW2(WATER)



Tgt Ion: 99 Resp: 430773

Ion Ratio Lower Upper

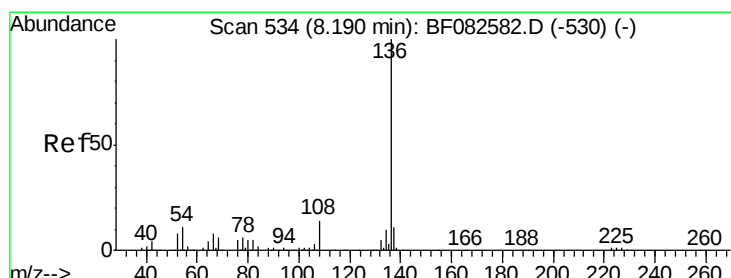
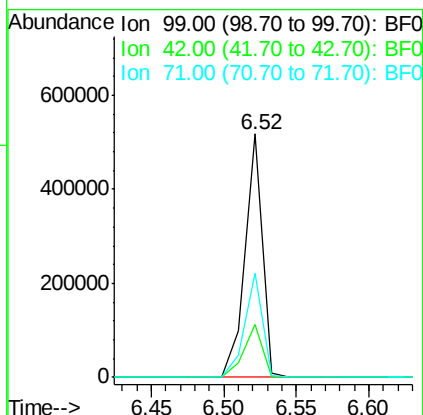
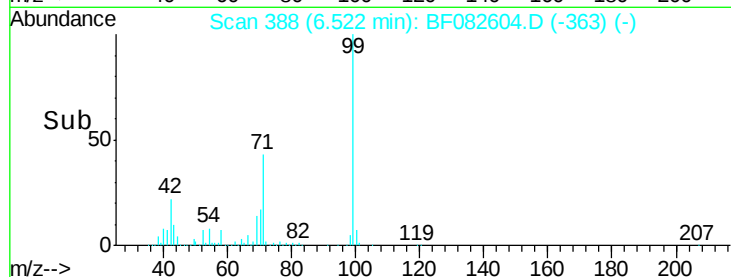
99 100

42 21.7 19.2 28.8

71 42.8 35.0 52.4

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:19 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082604.D

Acq: 31 Oct 2015 6:52

Tgt Ion: 136 Resp: 741912

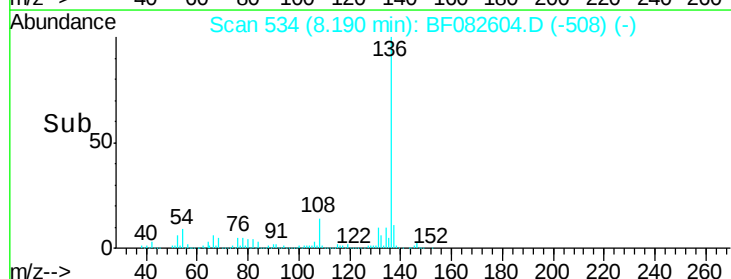
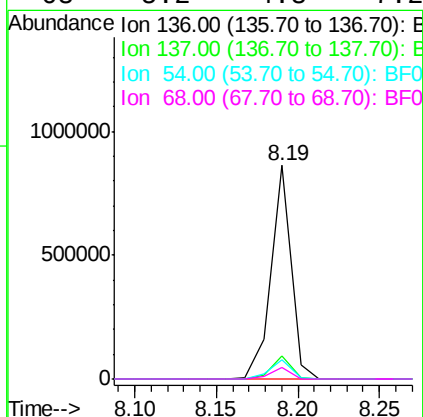
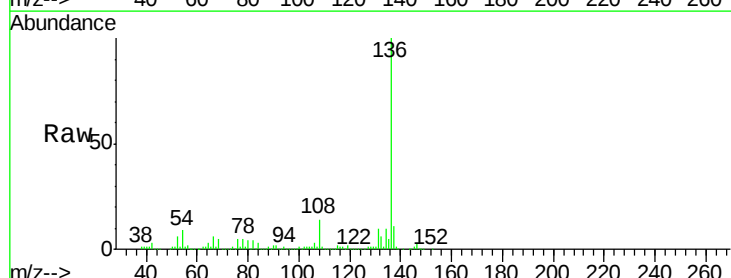
Ion Ratio Lower Upper

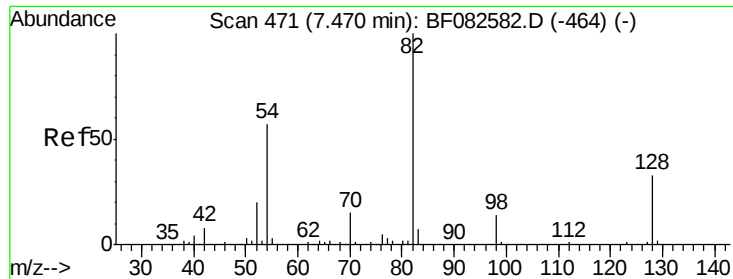
136 100

137 10.7 9.1 13.7

54 8.9 9.1 13.7#

68 5.2 4.8 7.2





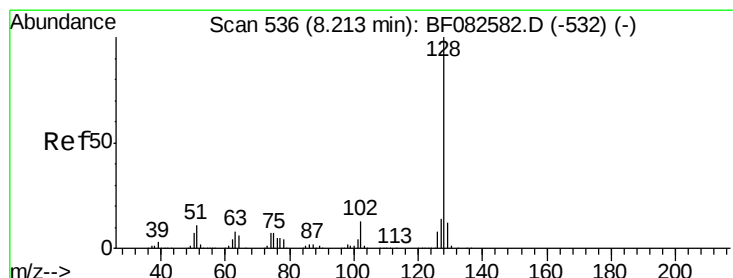
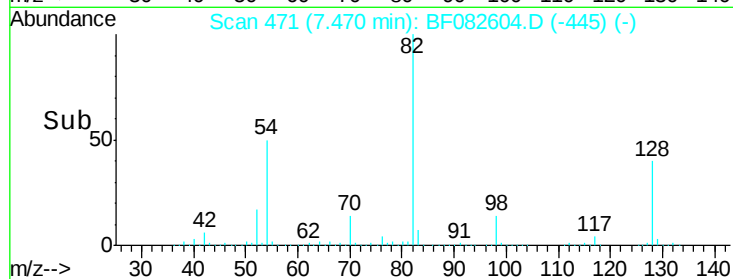
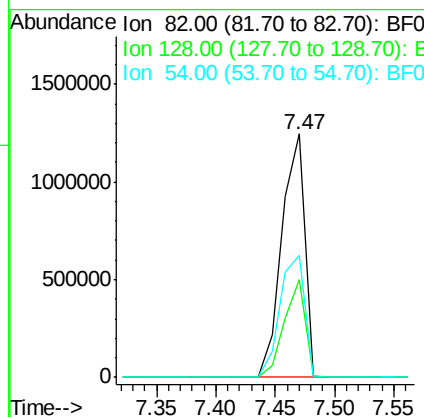
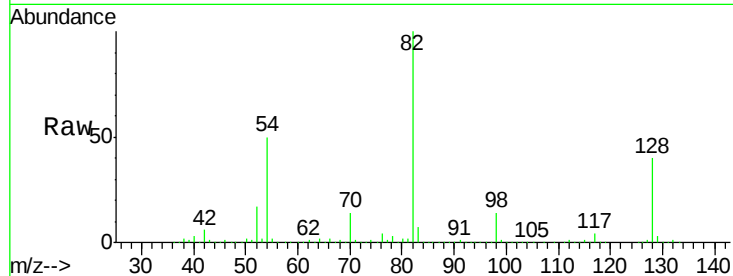
#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082604.D
 Acq: 31 Oct 2015 6:52

Instrument :
 BNA_F
 ClientSampleId :
 030-IDW2(WATER)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.8	40.2
54	50.2	45.7	68.5

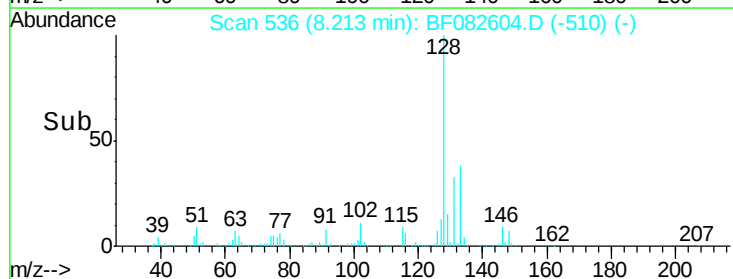
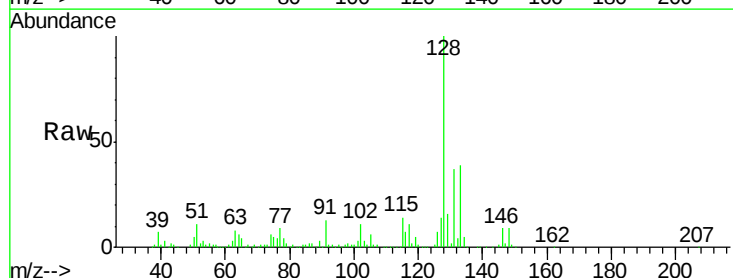
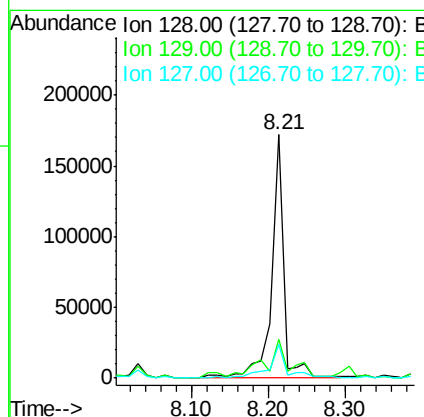
Manual Integrations
 APPROVED

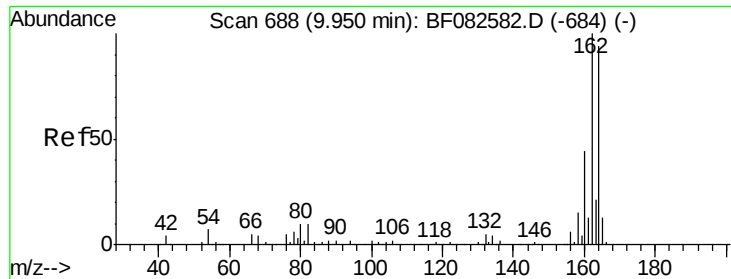
Mmdadoda
 11/2/2015 4:32:19 PM



#31
 Naphthalene
 Concen: 4.69 ng
 RT: 8.21 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF082604.D
 Acq: 31 Oct 2015 6:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.5	14.3#
127	14.1	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082604.D

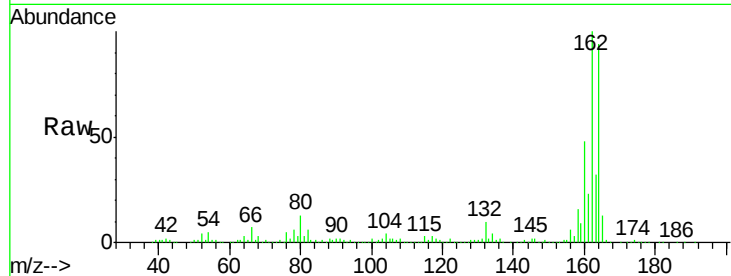
Acq: 31 Oct 2015 6:52

Instrument :

BNA_F

ClientSampleId :

030-IDW2(WATER)



Tgt Ion:164 Resp: 382541

Ion Ratio Lower Upper

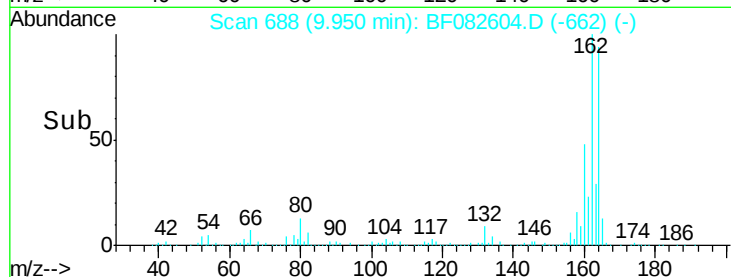
164 100

162 106.0 84.9 127.3

160 50.7 37.5 56.3

Manual Integrations
APPROVED

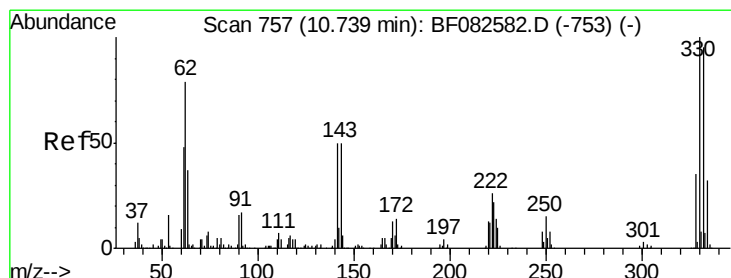
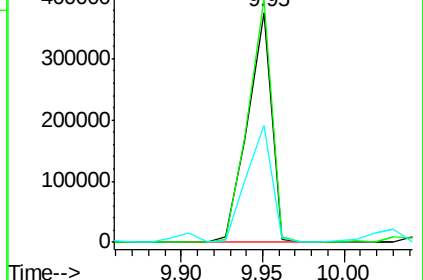
Mmdadoda
11/2/2015 4:32:19 PM



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: 94.92 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082604.D

Acq: 31 Oct 2015 6:52

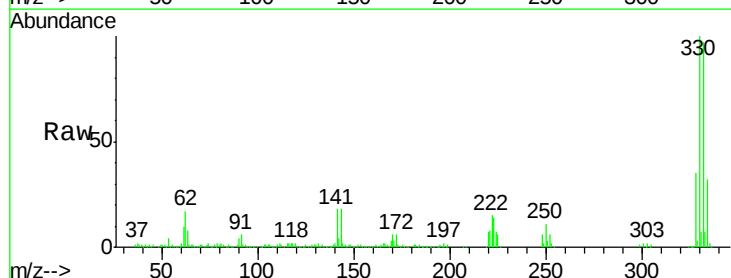
Tgt Ion:330 Resp: 397375

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

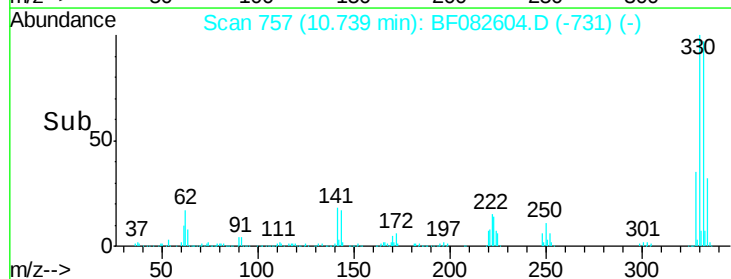
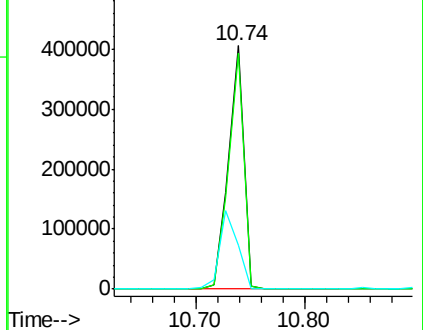
141 38.5 41.2 61.8#

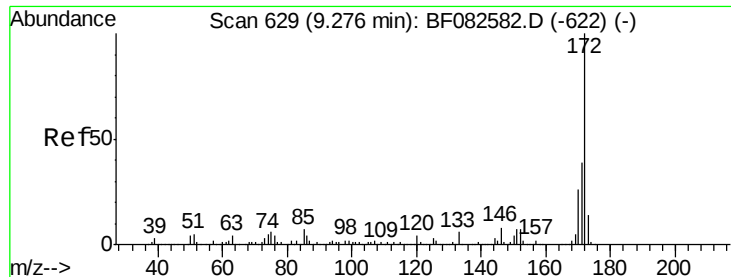


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.67 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF082604.D

Acq: 31 Oct 2015 6:52

Instrument :

BNA_F

ClientSampleId :

030-IDW2(WATER)

Tgt Ion:172 Resp: 2469873

Ion Ratio Lower Upper

172 100

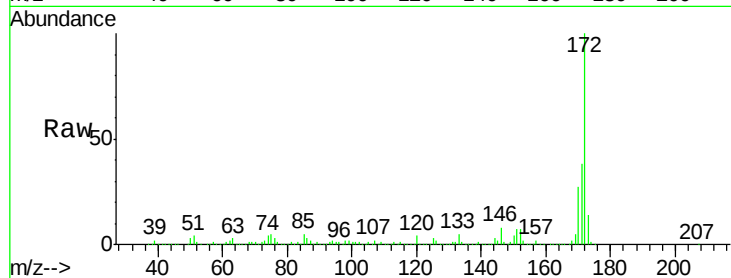
171 38.5 30.8 46.2

170 26.8 21.2 31.8

Manual Integrations
APPROVED

Mmdadoda

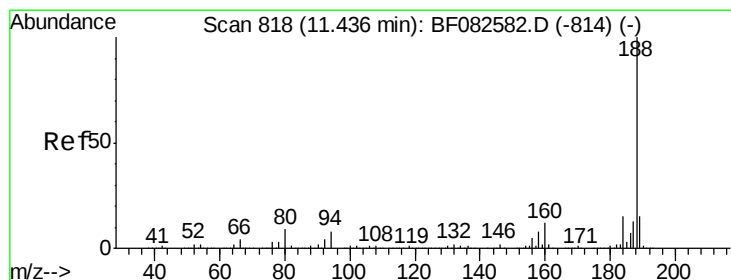
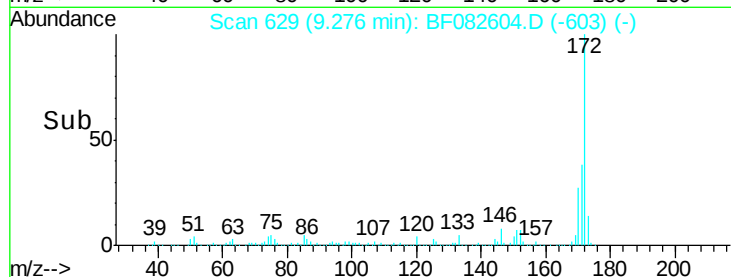
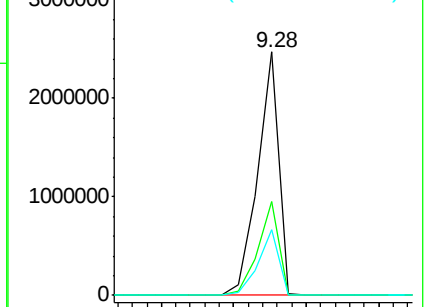
11/2/2015 4:32:19 PM



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082604.D

Acq: 31 Oct 2015 6:52

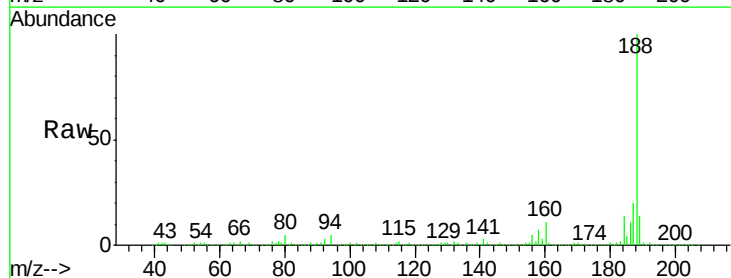
Tgt Ion:188 Resp: 679951

Ion Ratio Lower Upper

188 100

94 4.5 6.1 9.1#

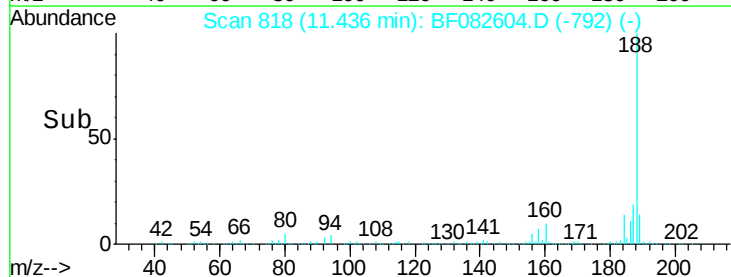
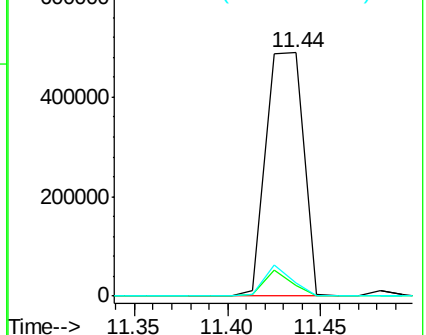
80 5.3 7.0 10.6#

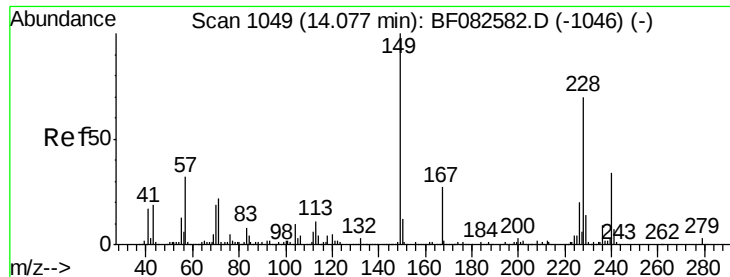


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082604.D

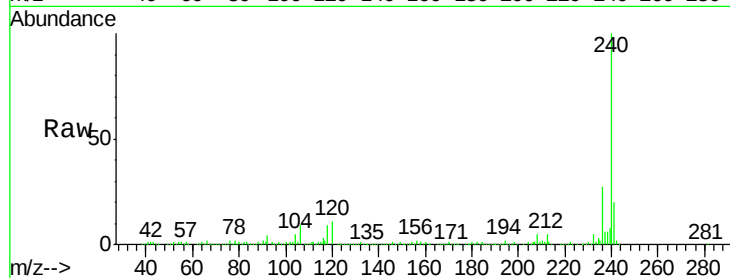
Acq: 31 Oct 2015 6:52

Instrument :

BNA_F

ClientSampleId :

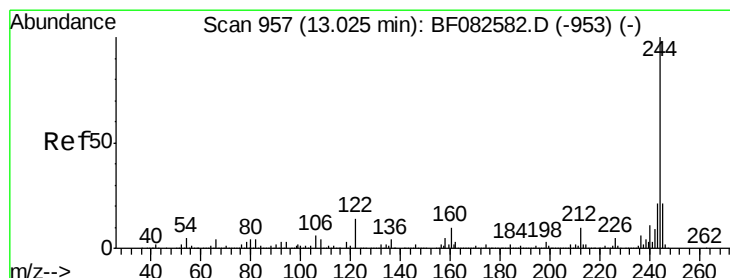
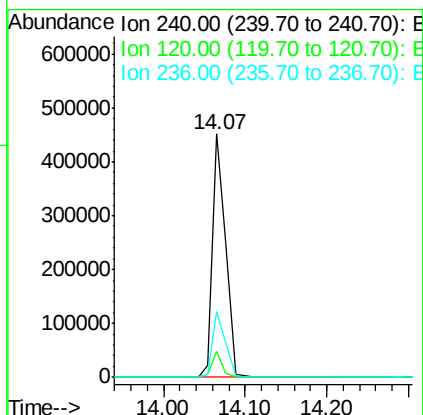
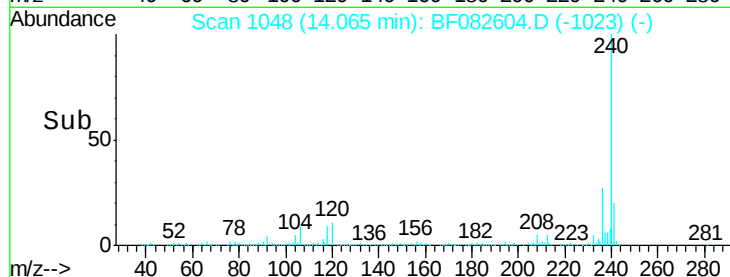
030-IDW2(WATER)



Tgt Ion:	240	Resp:	508231
Ion Ratio	Lower	Upper	
240	100		
120	10.6	10.9	16.3#
236	26.8	21.6	32.4

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:19 PM



#78

Terphenyl-d14

Concen: 86.35 ng

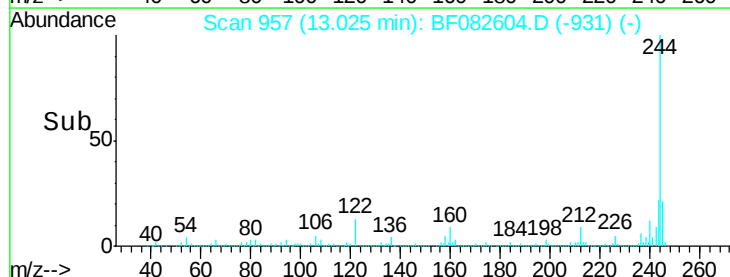
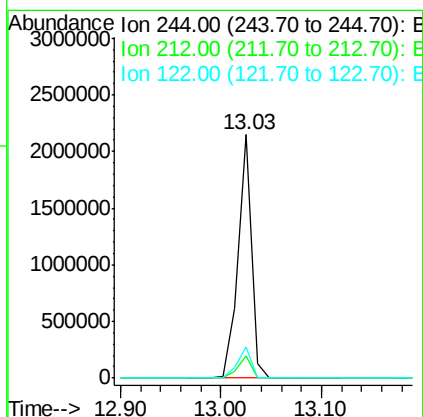
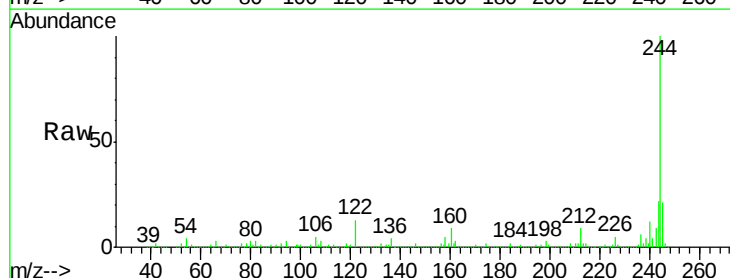
RT: 13.03 min Scan# 957

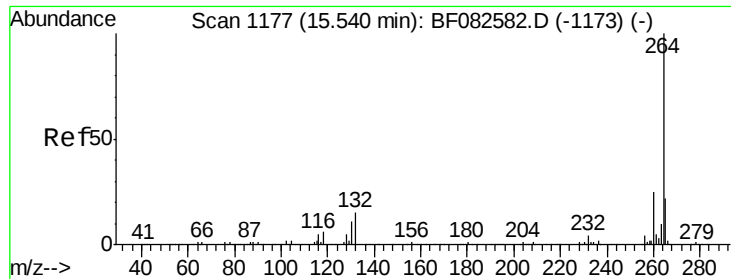
Delta R.T. -0.00 min

Lab File: BF082604.D

Acq: 31 Oct 2015 6:52

Tgt Ion:	244	Resp:	2005230
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.6	11.4
122	12.7	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.8	29.6
265	21.6	17.4	26.0

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:19 PM

