

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086411.D
 Acq On : 24 Apr 2016 1:11
 Operator : UM/SJ
 Sample : H2652-15 4X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

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Quant Time: Apr 25 07:23:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	171305	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	680858	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	293456	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	498022	20.00	ng	0.00
75) Chrysene-d12	14.00	240	358197	20.00	ng	0.00
86) Perylene-d12	15.43	264	252786	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	402993	40.63	ng	0.01
7) Phenol-d6	6.48	99	538909	39.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	282141	24.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	89603	33.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	547654	31.85	ng	0.00
78) Terphenyl-d14	12.94	244	417301	28.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	53495	2.52	ng	99
74) Fluoranthene	12.57	202	86802	3.22	ng	97
77) Pyrene	12.80	202	88178	3.53	ng	99
80) Benzo(a)anthracene	13.99	228	46769	2.52	ng	# 87
87) Benzo(b)fluoranthene	15.01	252	37744m	2.72	ng	
89) Benzo(a)pyrene	15.36	252	30945	2.26	ng	# 50

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

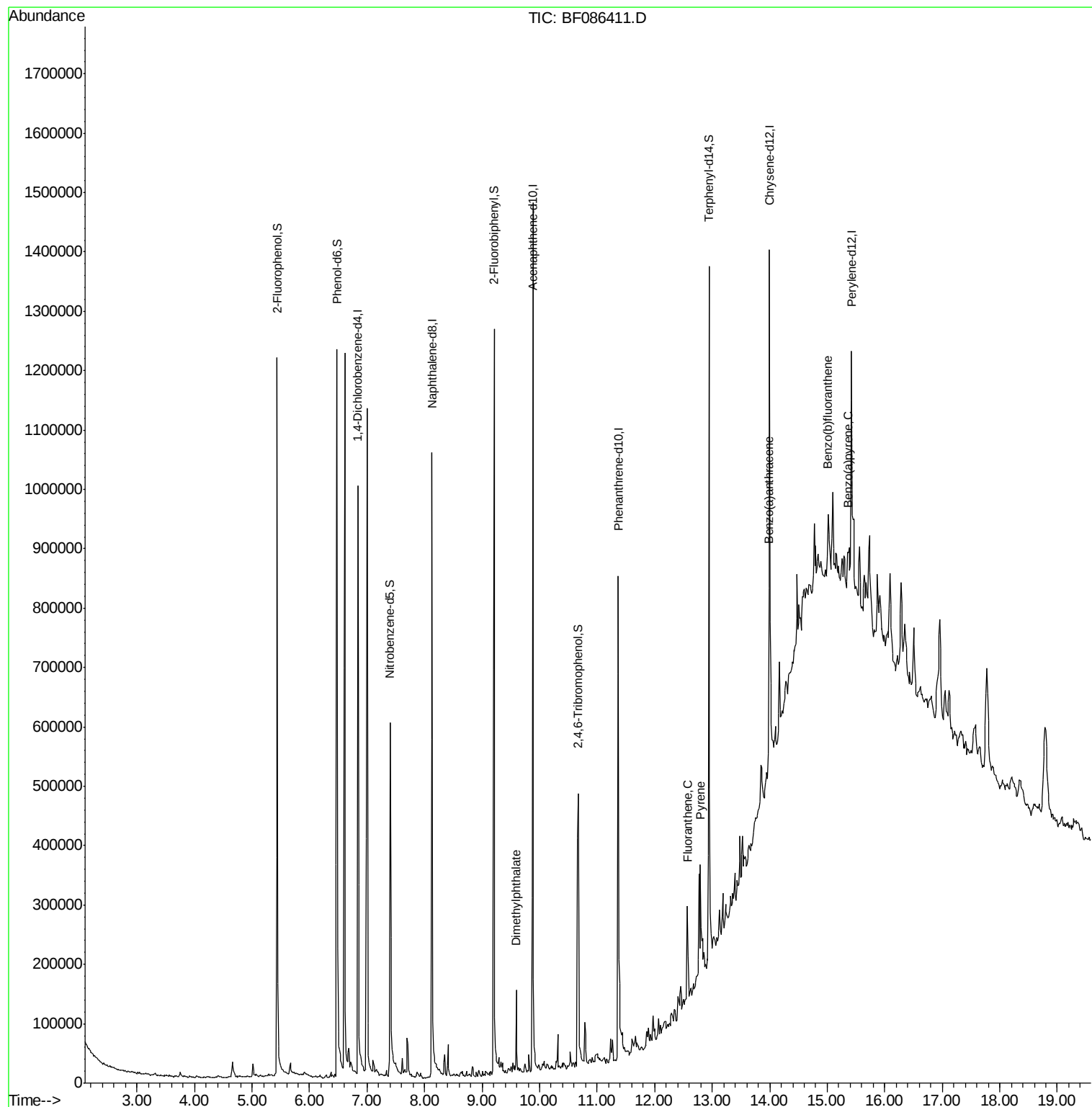
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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ALS Vial : 55 Sample Multiplier: 1

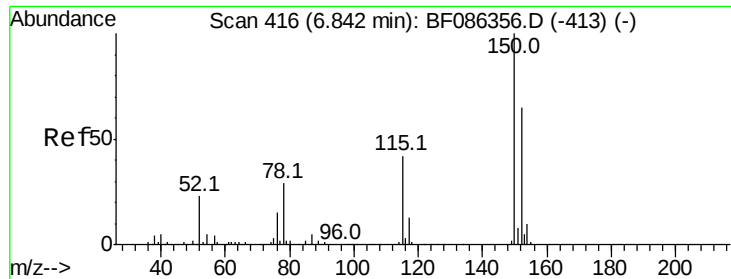
Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

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#1

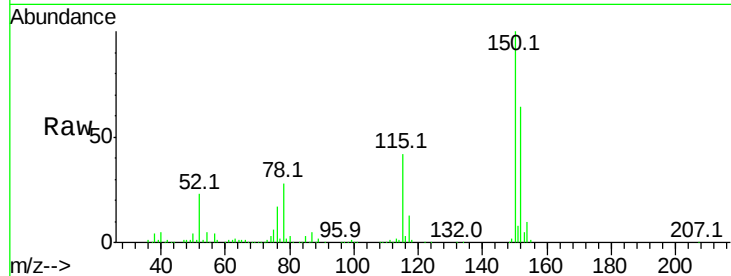
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086411.D
Acq: 24 Apr 2016 1:11

Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

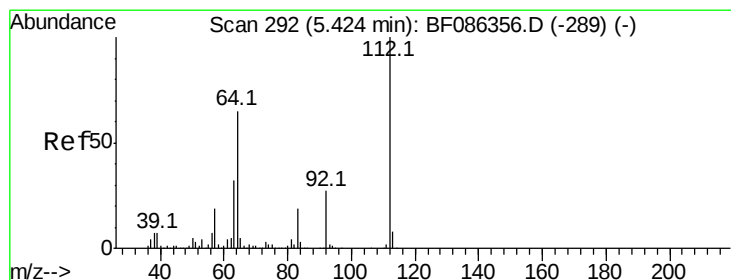
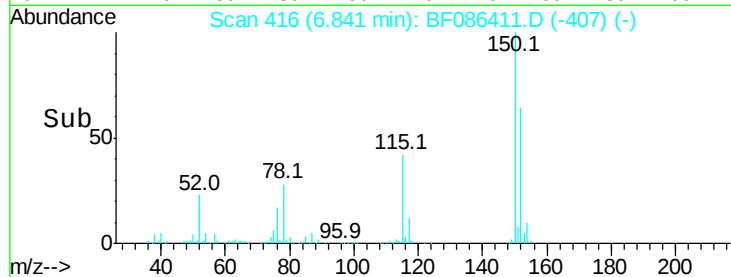
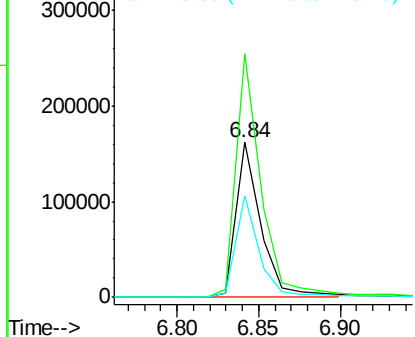
Tot Ion	Ratio	Resp	Lower	Upper
152	100	171305		
150	157.1	125.8	188.6	
115	65.6	51.5	77.3	

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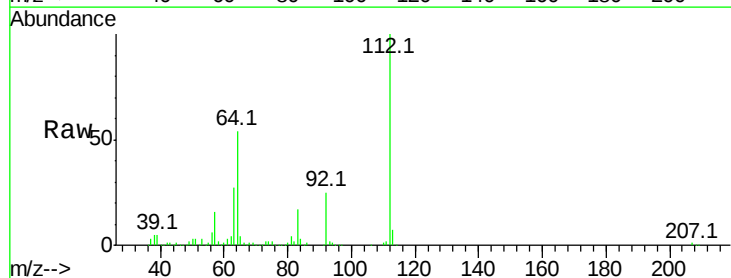
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



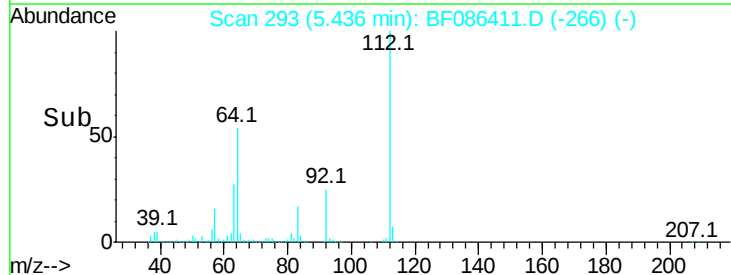
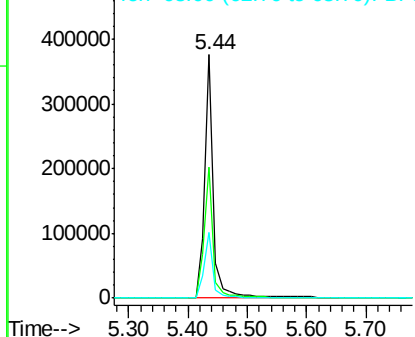
#5

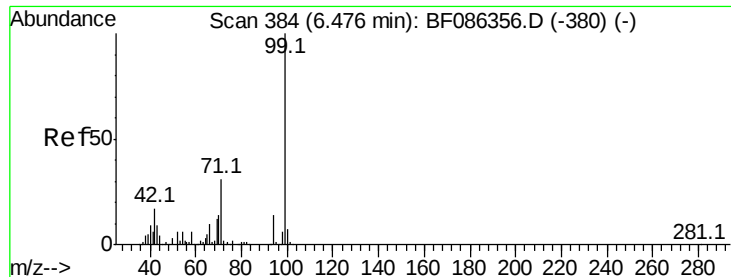
2-Fluorophenol
Concen: 40.63 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086411.D
Acq: 24 Apr 2016 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	402993		
64	53.8	52.1	78.1	
63	26.9	25.7	38.5	



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: 39.96 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

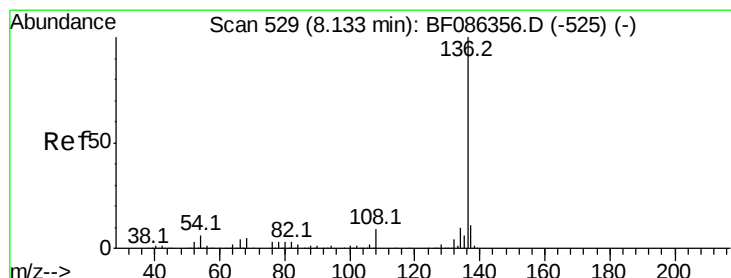
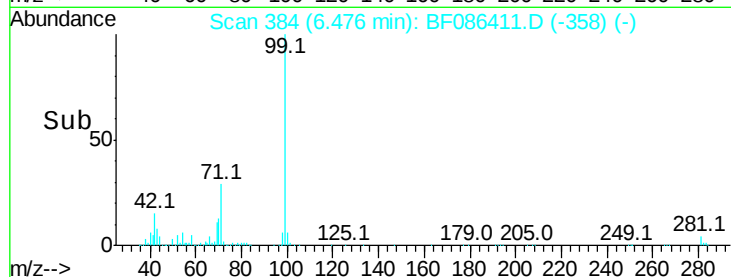
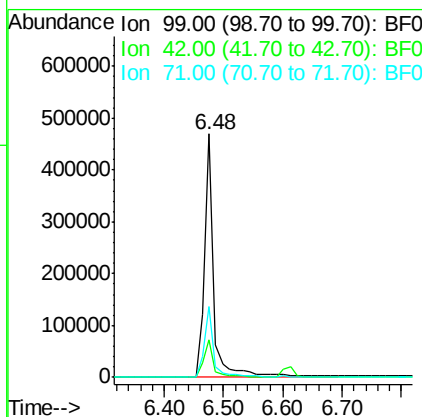
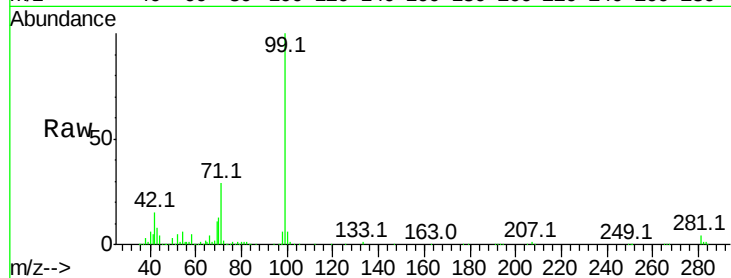
ClientSampleId :

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Tot Ion	99	Resp	538909
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.6	20.4
71	29.3	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

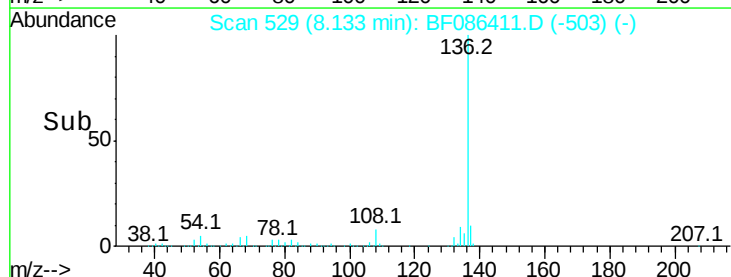
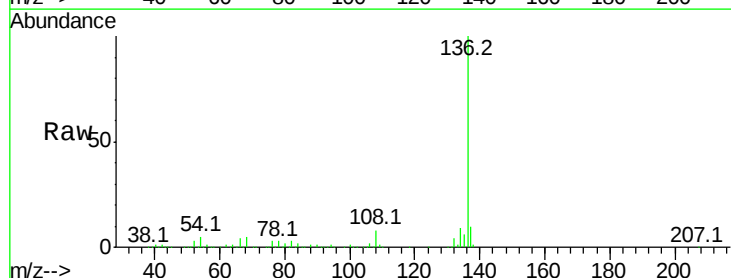
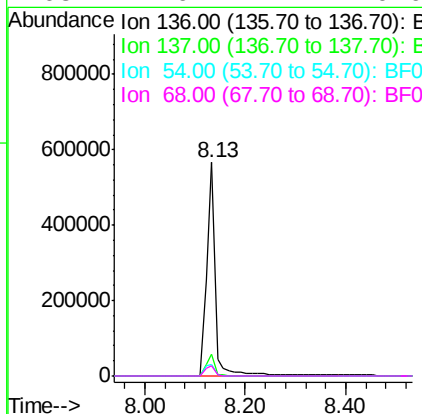
RT: 8.13 min Scan# 529

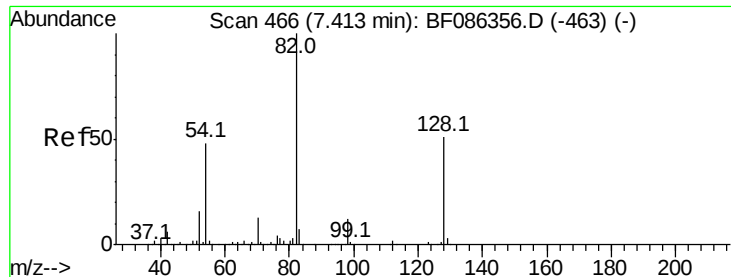
Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Tgt Ion	136	Resp	680858
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	5.3	5.0	7.4
68	4.6	4.4	6.6





#23

Nitrobenzene-d5

Concen: 24.55 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

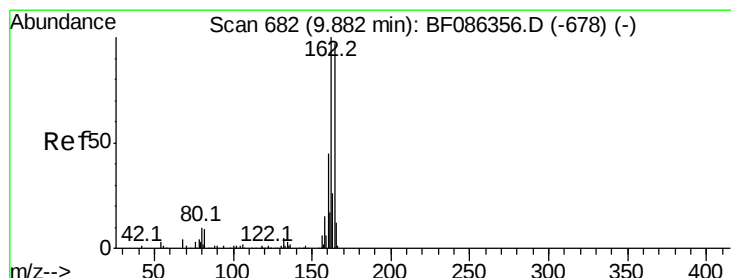
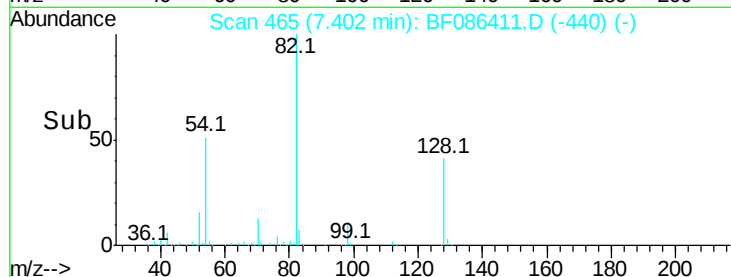
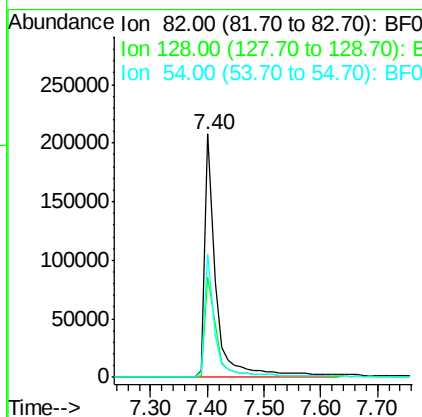
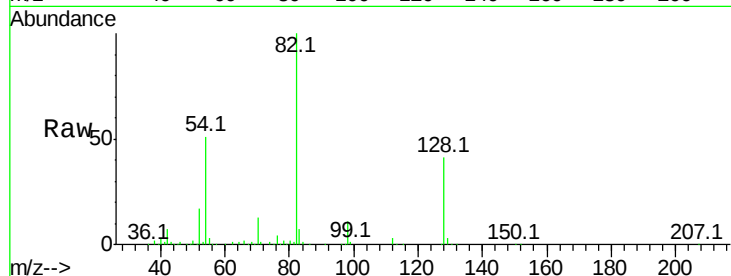
ClientSampleId :

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Tot Ion:	82	Resp:	282141
Ion Ratio	Lower	Upper	
82	100		
128	41.2	40.6	61.0
54	50.7	38.1	57.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

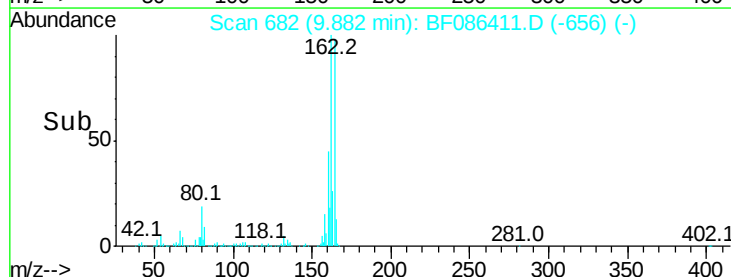
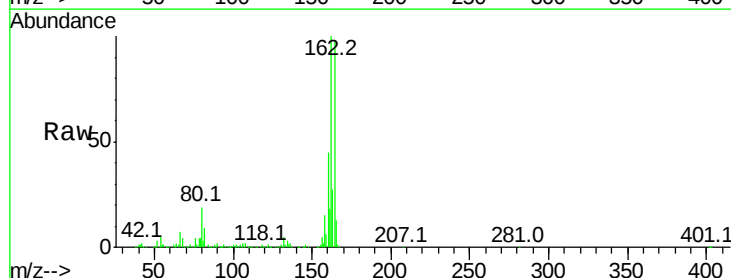
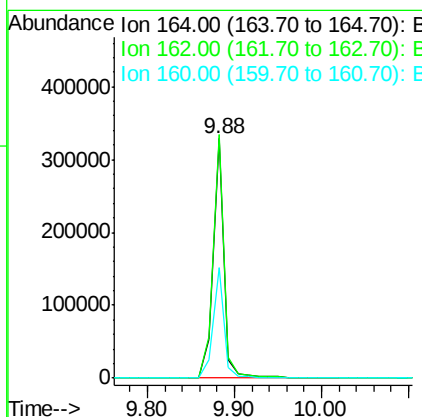
RT: 9.88 min Scan# 682

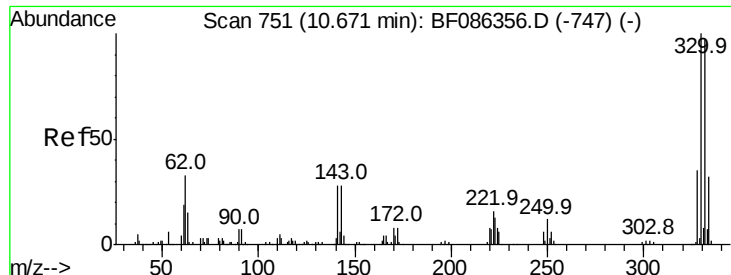
Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Tgt Ion:	164	Resp:	293456
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.8	124.2
160	46.1	36.9	55.3





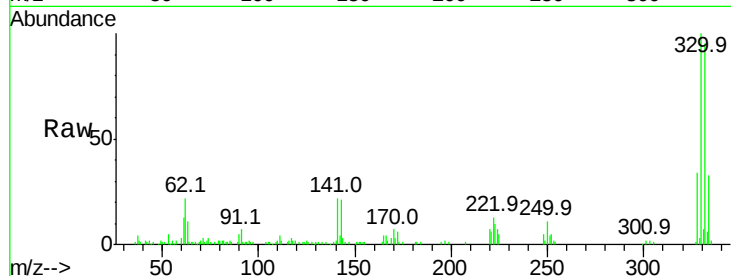
#41
 2,4,6-Tribromophenol
 Concen: 33.73 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086411.D
 Acq: 24 Apr 2016 1:11

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

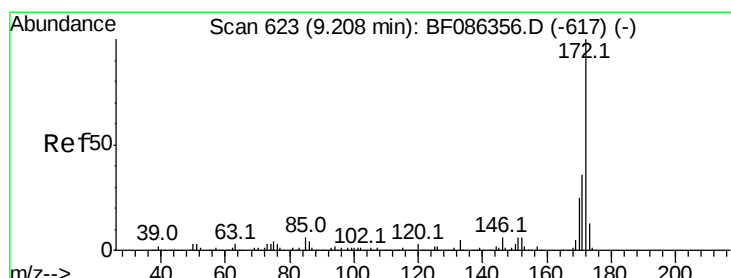
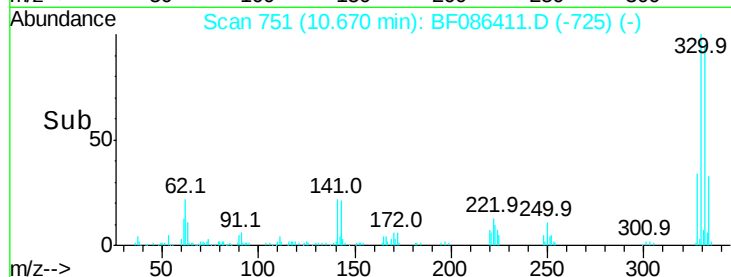
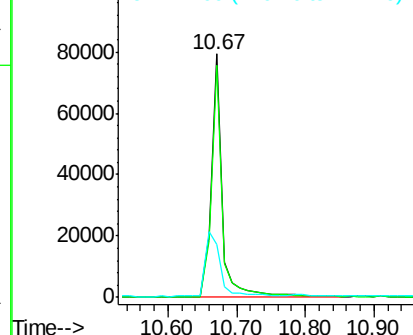
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	79.0	118.4	
141	38.8	31.2	46.8	

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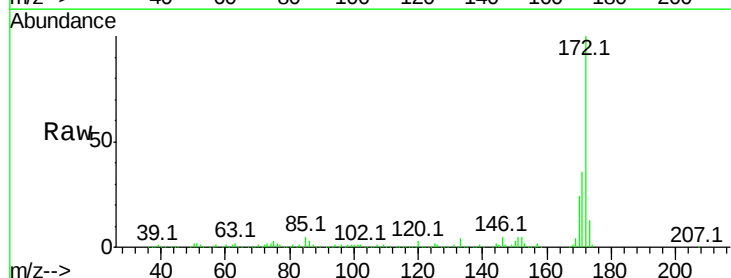


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

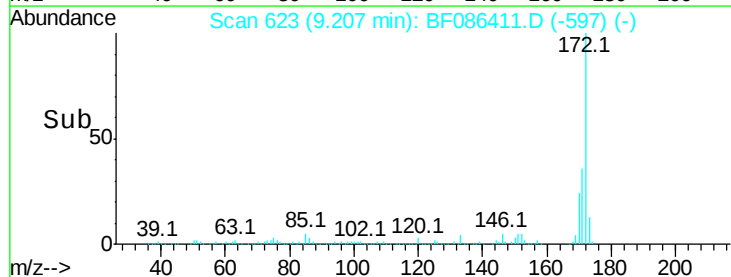
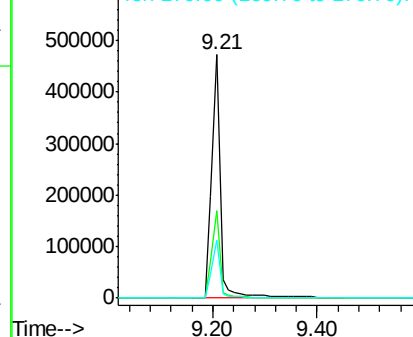


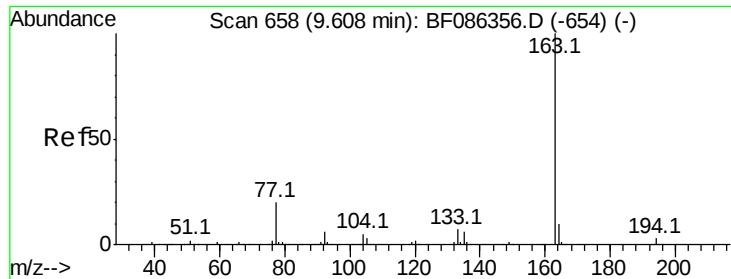
#44
 2-Fluorobiphenyl
 Concen: 31.85 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086411.D
 Acq: 24 Apr 2016 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.0	43.6	
170	23.9	19.8	29.8	



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





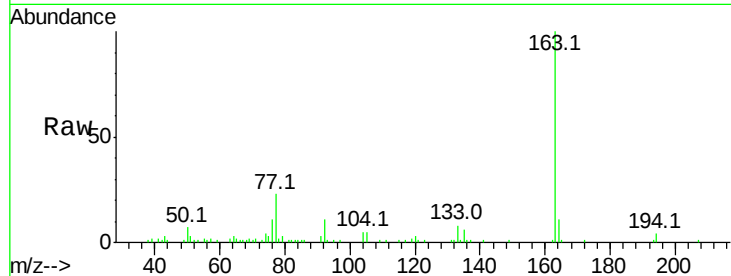
#49
Dimethylphthalate
Concen: 2.52 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086411.D
Acq: 24 Apr 2016 1:11

Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

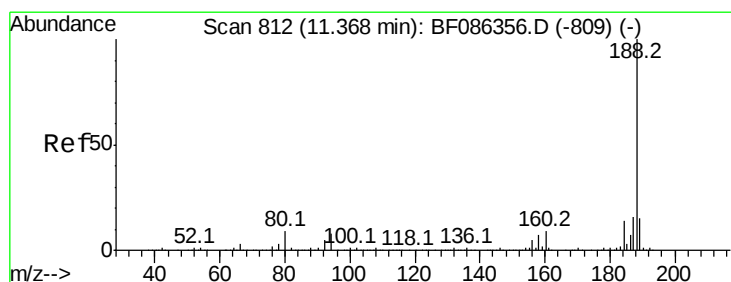
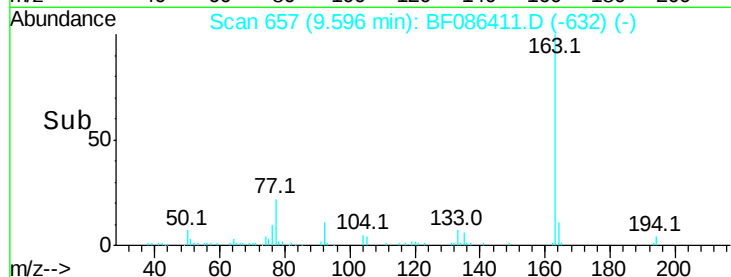
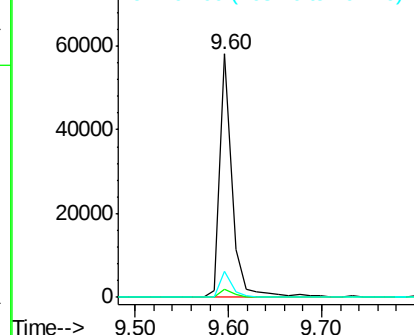
Tot Ion:163	Resp:	53495
Ion Ratio	Lower	Upper
163 100		
194 3.6	2.6	4.0
164 10.7	8.2	12.4

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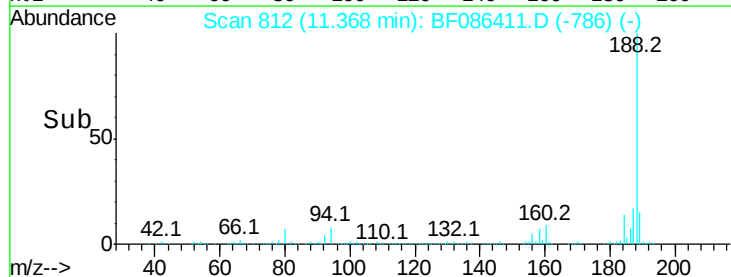
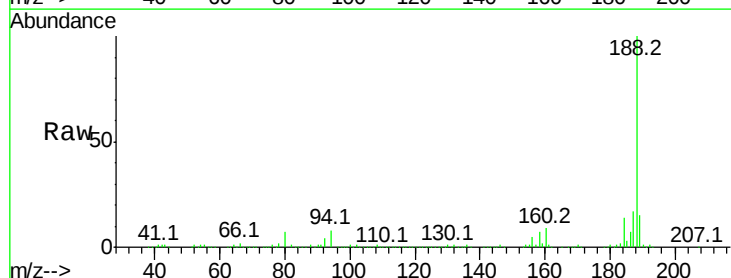
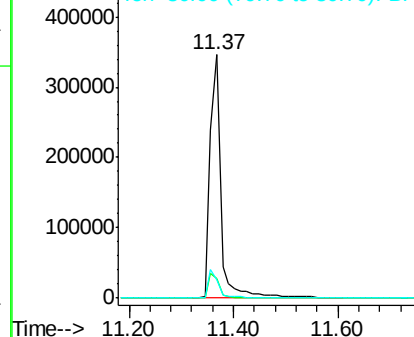
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

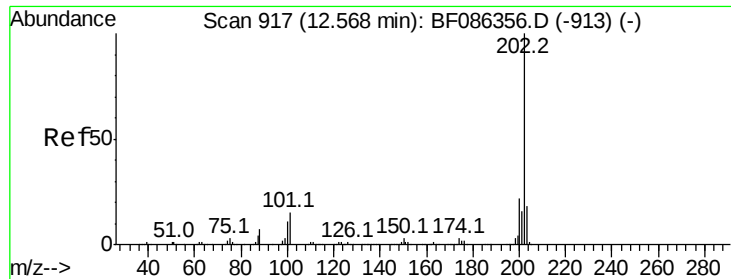


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF086411.D
Acq: 24 Apr 2016 1:11

Tgt Ion:188	Resp:	498022
Ion Ratio	Lower	Upper
188 100		
94 7.8	6.8	10.2
80 7.3	7.1	10.7

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





#74

Fluoranthene

Concen: 3.22 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

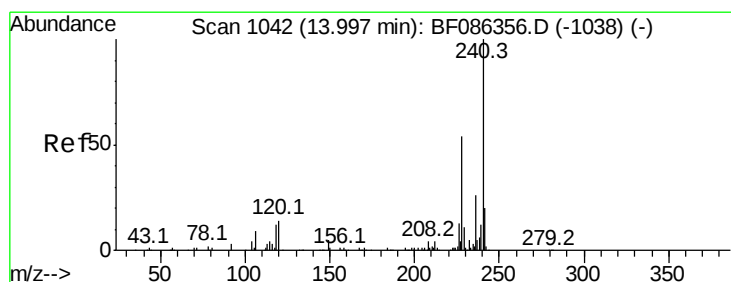
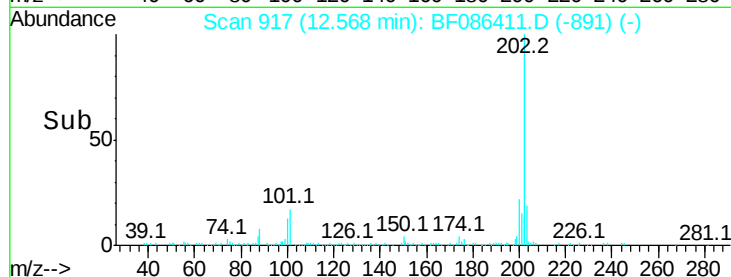
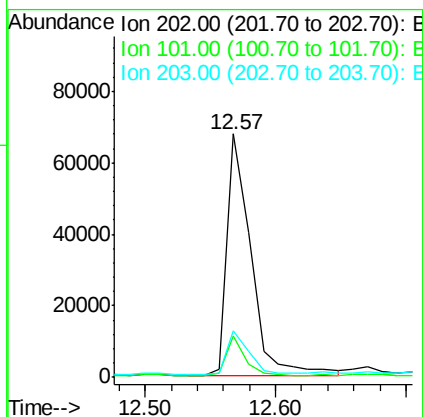
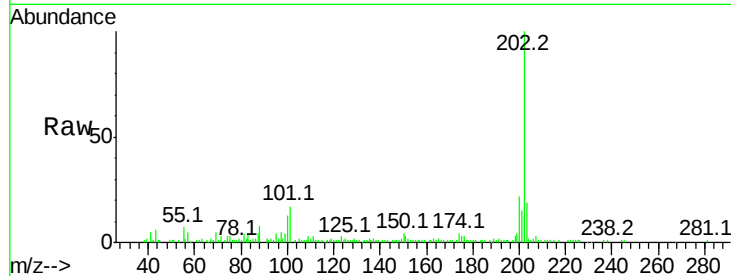
ClientSampleId :

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Tot Ion:	202	Resp:	86802
Ion Ratio	Lower	Upper	
202	100		
101	16.9	0.0	35.4
203	19.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

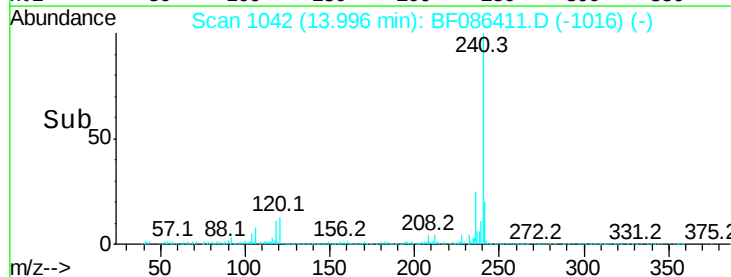
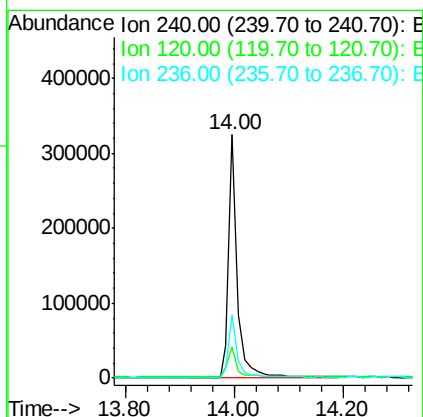
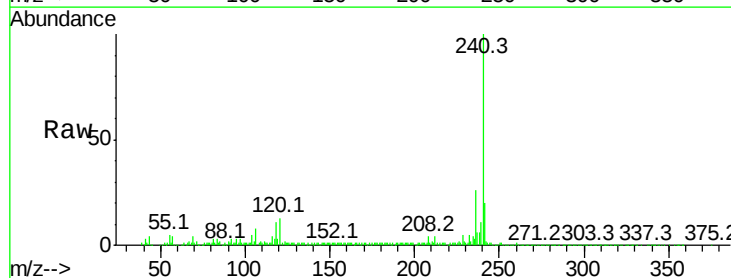
RT: 14.00 min Scan# 1042

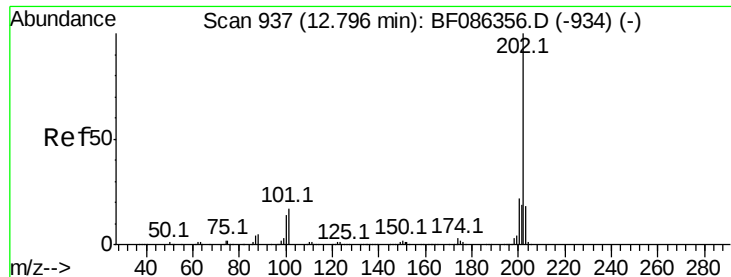
Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Tgt Ion:	240	Resp:	358197
Ion Ratio	Lower	Upper	
240	100		
120	12.9	11.2	16.8
236	25.7	21.2	31.8





#77

Pvrene

Concen: 3.53 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

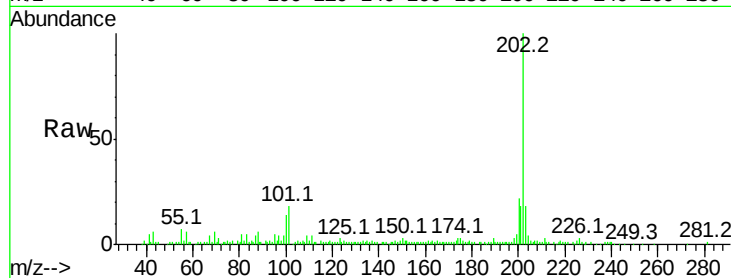
ClientSampleId :

WPG-B5(0-5)-C

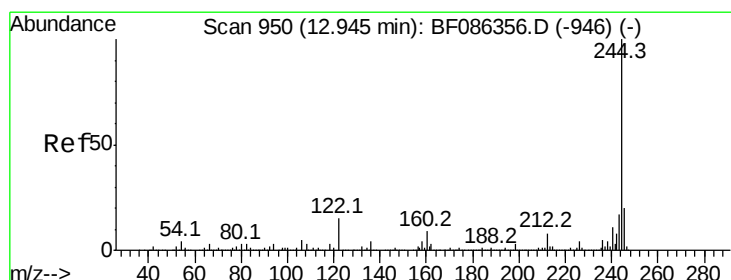
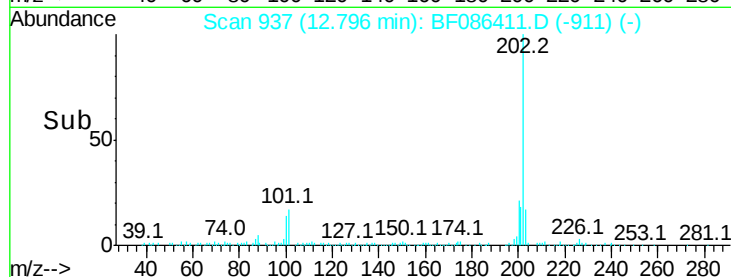
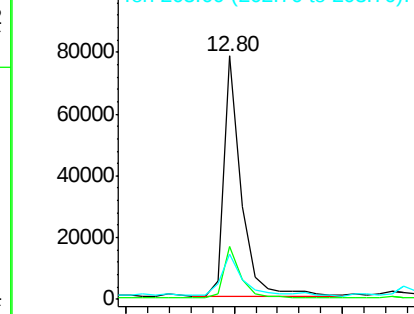
Tot Ion:	202	Resp:	88178
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	18.3	14.2	21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 28.95 ng

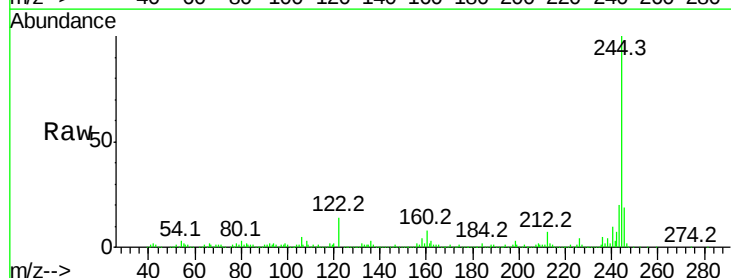
RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

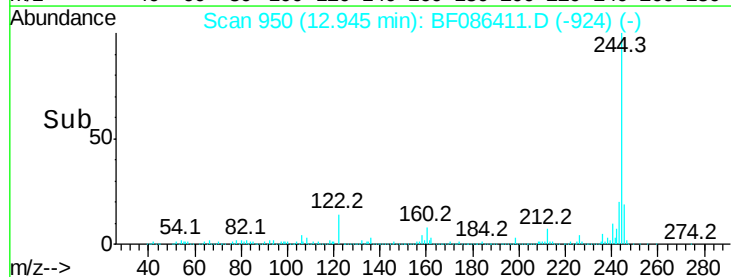
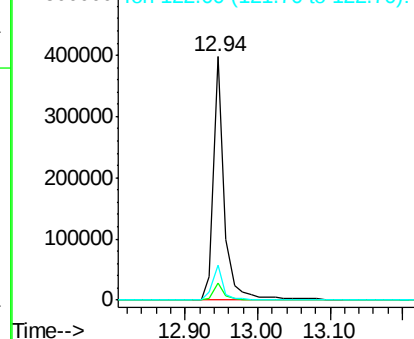
Lab File: BF086411.D

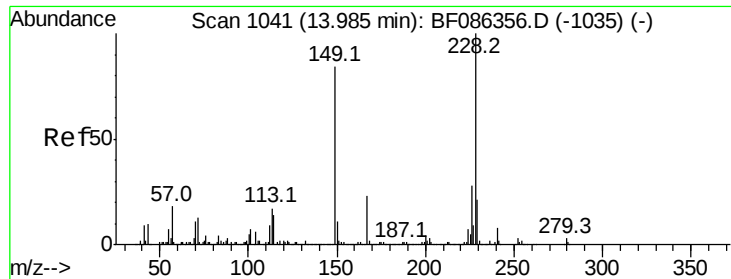
Acq: 24 Apr 2016 1:11

Tgt Ion:	244	Resp:	417301
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.2	9.2
122	14.2	12.0	18.0



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





#80

Benzo(a)anthracene

Concen: 2.52 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

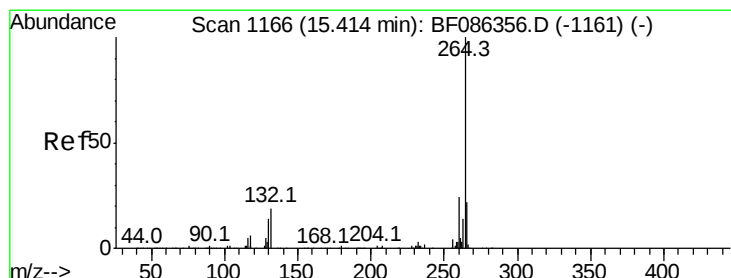
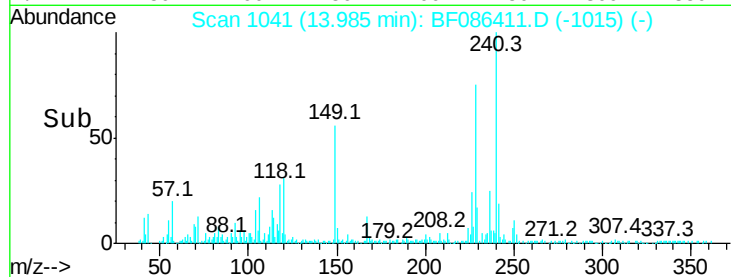
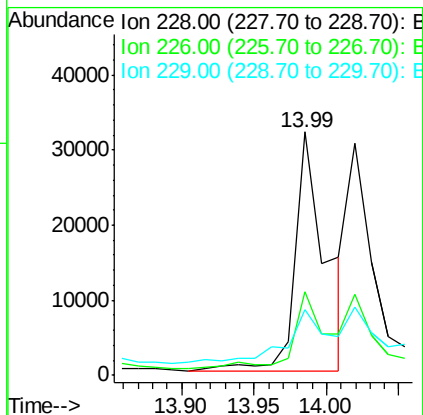
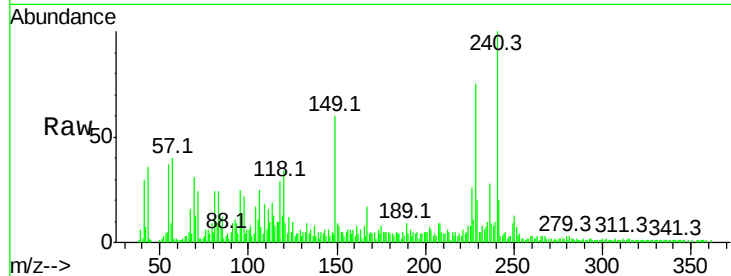
ClientSampleId :

WPG-B5(0-5)-C

Tot Ion:	228	Resp:	46769
Ion Ratio	Lower	Upper	
228	100		
226	34.5	22.5	33.7#
229	27.1	16.6	25.0#

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:56 PM



#86

Perylene-d12

Concen: 20.00 ng

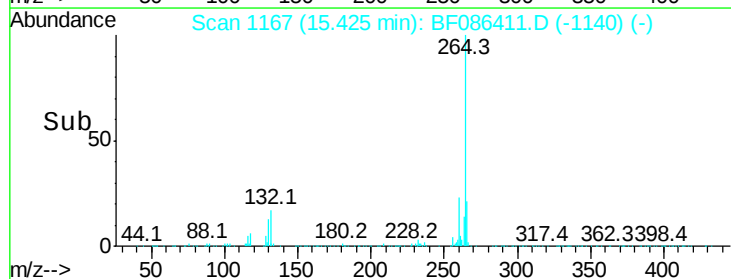
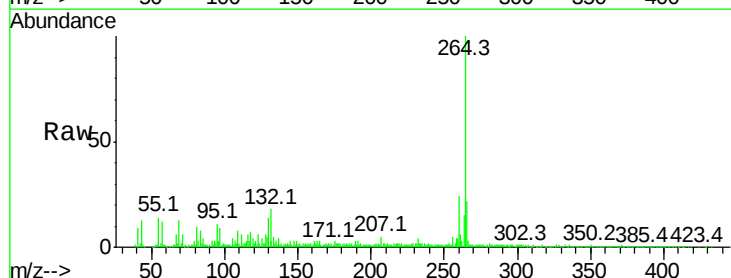
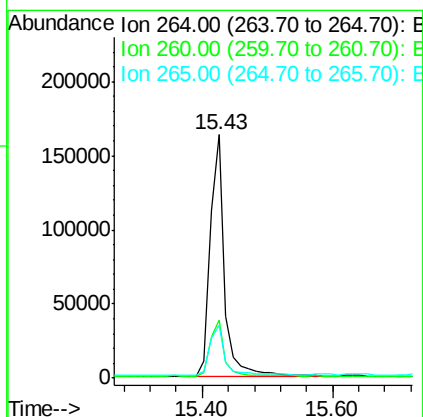
RT: 15.43 min Scan# 1167

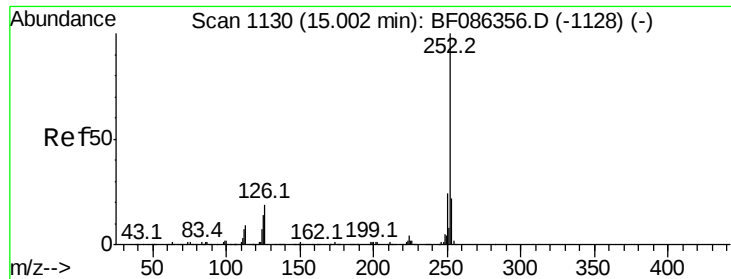
Delta R.T. 0.01 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Tgt Ion:	264	Resp:	252786
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.72 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Instrument :

BNA_F

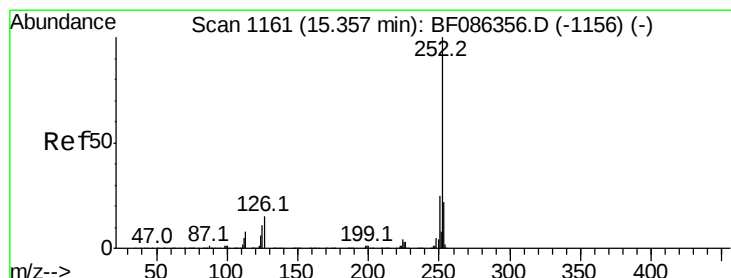
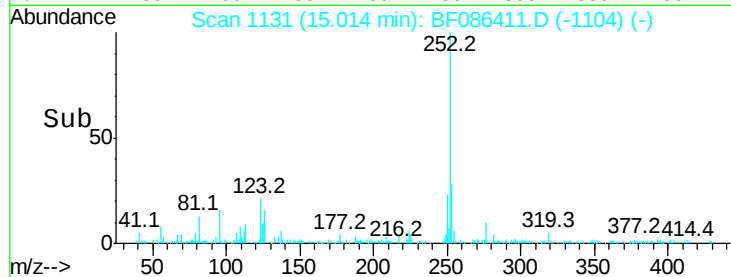
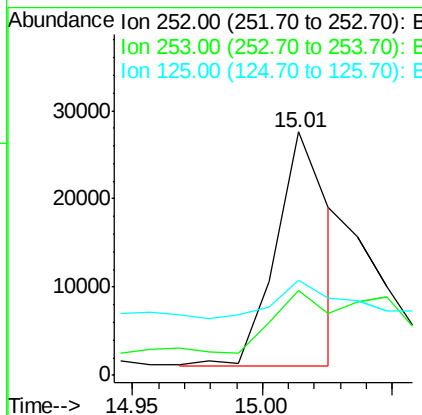
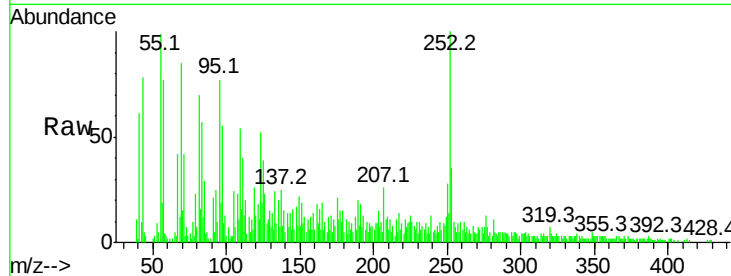
ClientSampleId :

WPG-B5(0-5)-C

Tot Ion:	252	Resp:	37744
Ion Ratio	Lower	Upper	
252	100		
253	35.1	17.8	26.6#
125	39.1	11.4	17.0#

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:56 PM



#89

Benzo(a)pyrene

Concen: 2.26 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF086411.D

Acq: 24 Apr 2016 1:11

Tgt Ion:	252	Resp:	30945
Ion Ratio	Lower	Upper	
252	100		
253	33.2	17.2	25.8#
125	48.3	9.0	13.6#

