

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086847.D
 Acq On : 10 May 2016 3:48
 Operator : UM/SJ
 Sample : H2895-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

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Quant Time: May 10 05:40:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161233	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	664254	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	313175	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	565427	20.00	ng	0.00
75) Chrysene-d12	13.83	240	347635	20.00	ng	-0.01
86) Perylene-d12	15.21	264	339562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1375314	144.46	ng	0.01
7) Phenol-d6	6.35	99	1688594	132.71	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1177592	89.02	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	433145	130.64	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1382573	74.20	ng	0.00
78) Terphenyl-d14	12.78	244	974525	59.48	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	154730	6.48	ng	98
74) Fluoranthene	12.41	202	71330	2.30	ng	94
77) Pyrene	12.64	202	60700	2.28	ng	99
87) Benzo(b)fluoranthene	14.82	252	46382m	2.10	ng	

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

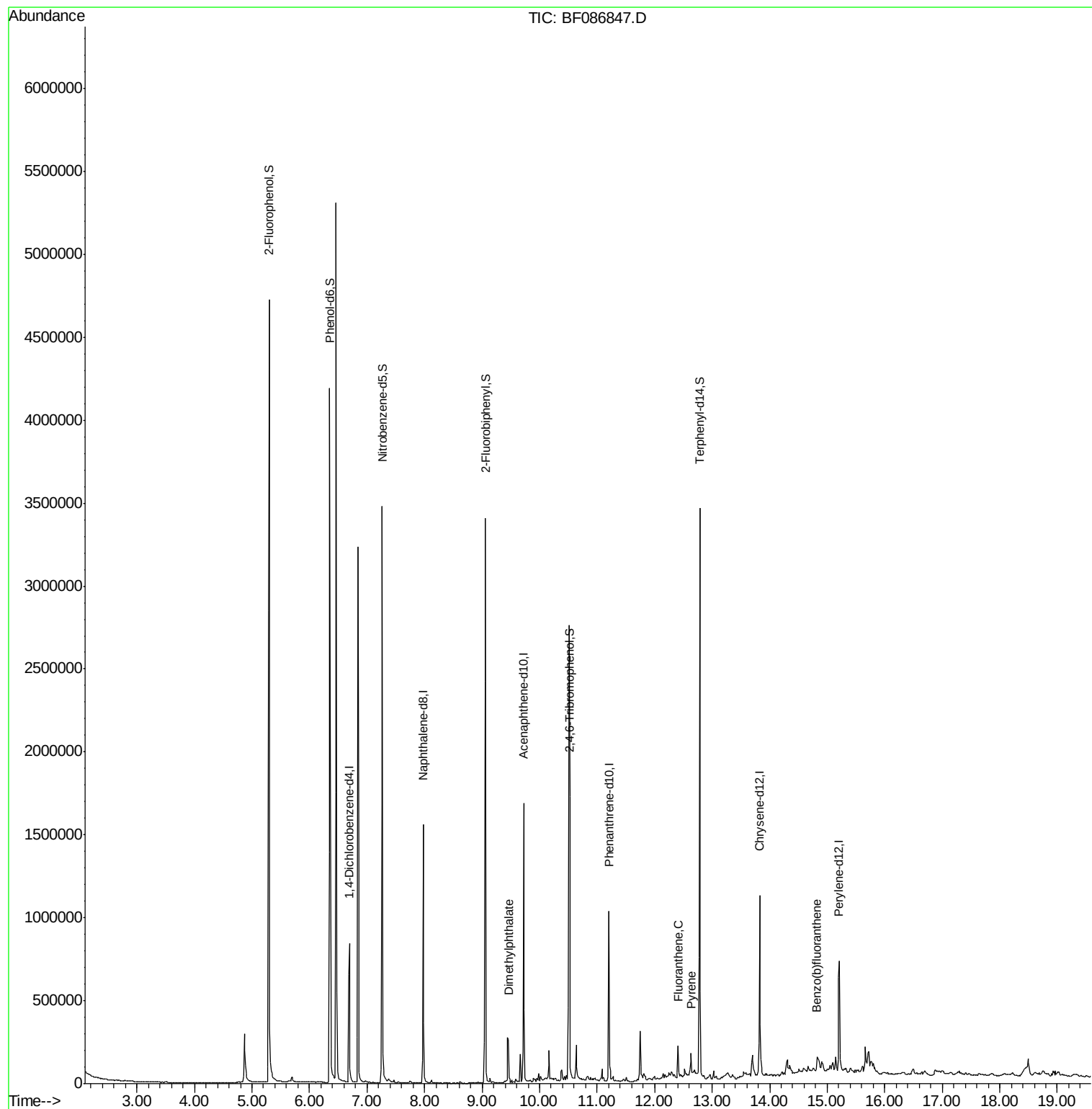
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086847.D
Acq On : 10 May 2016 3:48
Operator : UM/SJ
Sample : H2895-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

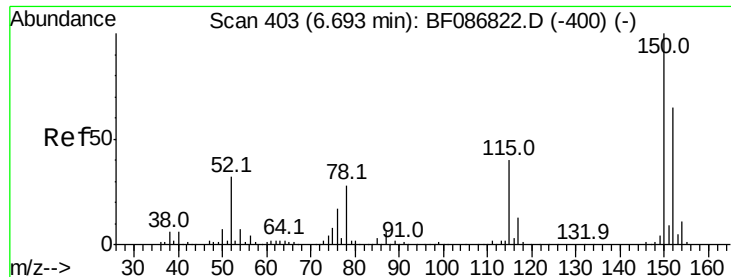
Instrument :
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#1

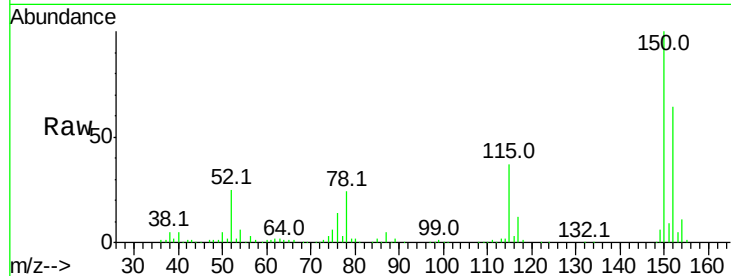
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

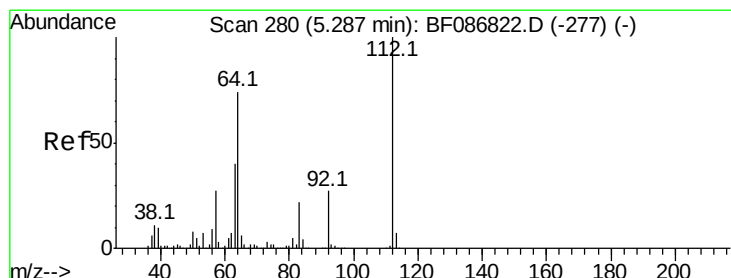
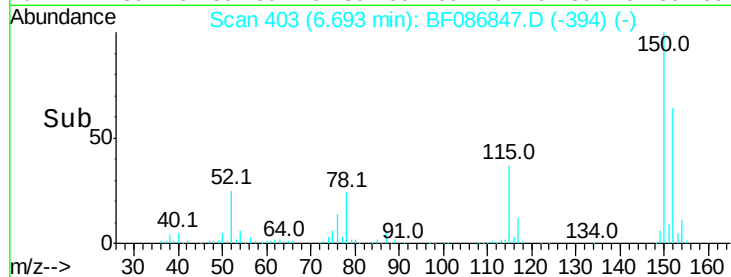
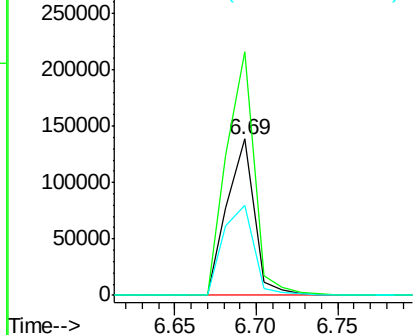
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	57.5	51.5	77.3

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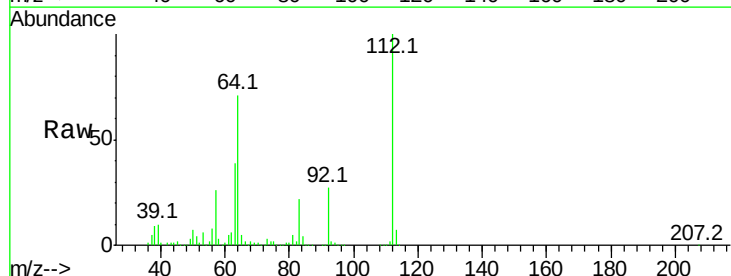
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



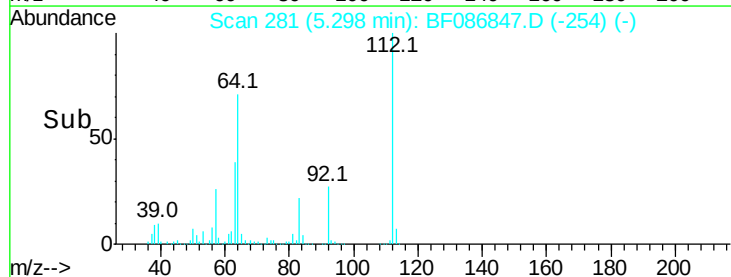
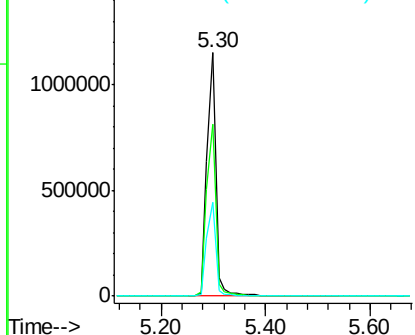
#5

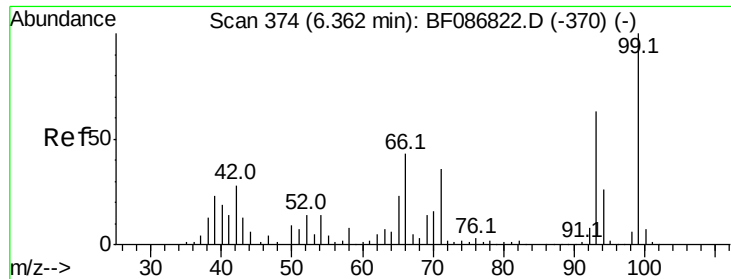
2-Fluorophenol
Concen: 144.46 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.1	78.1
63	38.6	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: 132.71 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

TP11-8-9FT

Tot Ion: 99 Resp: 1688594

Ion Ratio Lower Upper

99 100

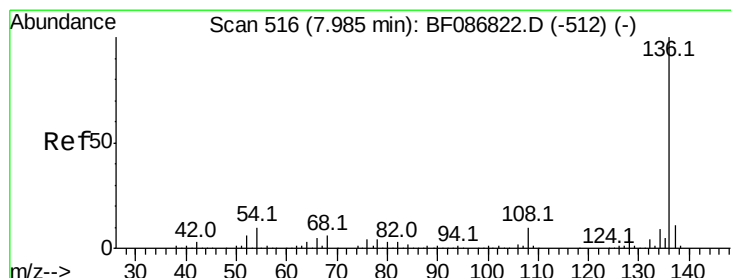
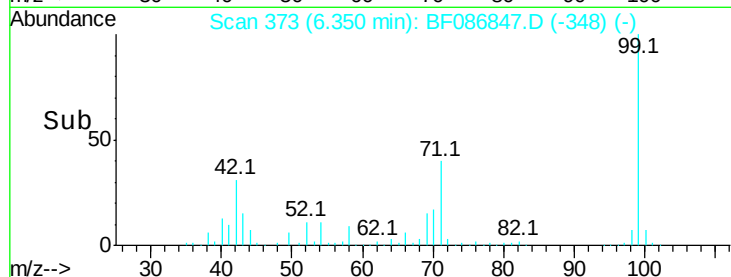
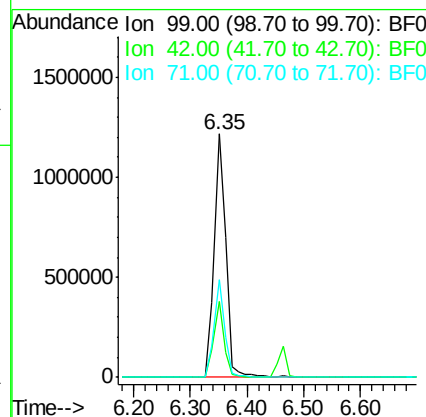
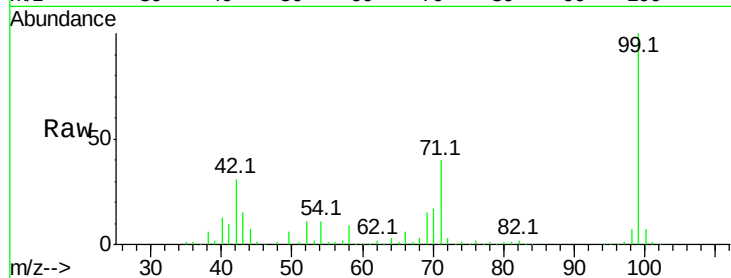
42 31.4 13.6 20.4#

71 40.1 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Tgt Ion: 136 Resp: 664254

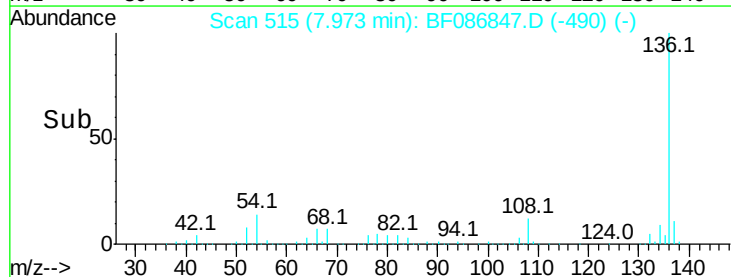
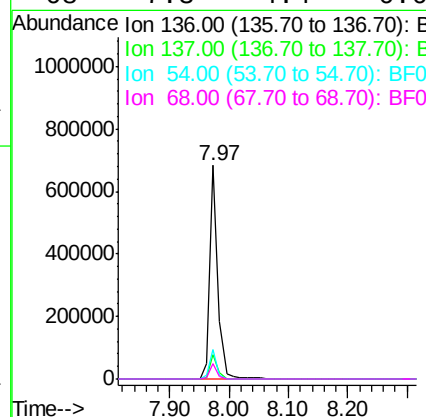
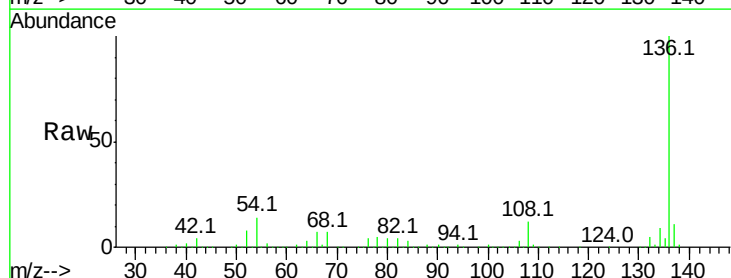
Ion Ratio Lower Upper

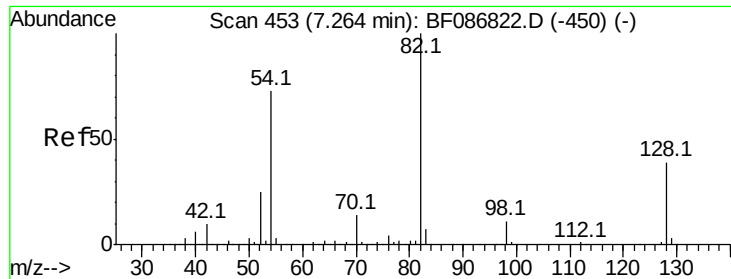
136 100

137 11.1 8.8 13.2

54 13.9 5.0 7.4#

68 7.3 4.4 6.6#





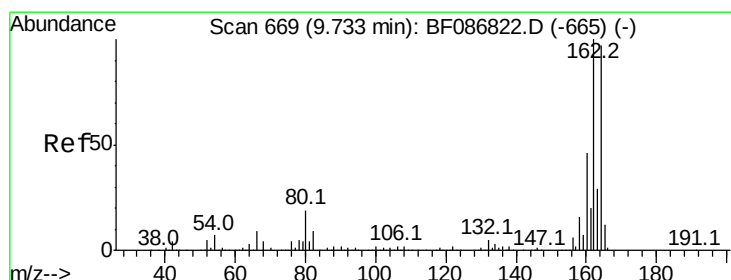
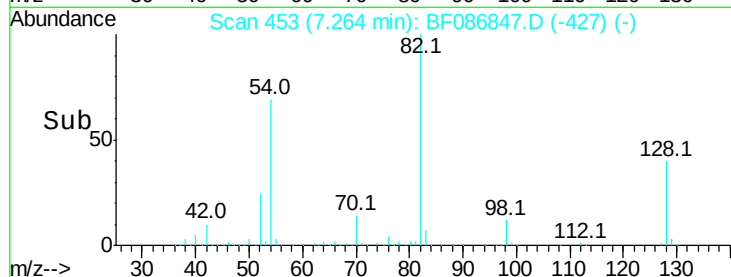
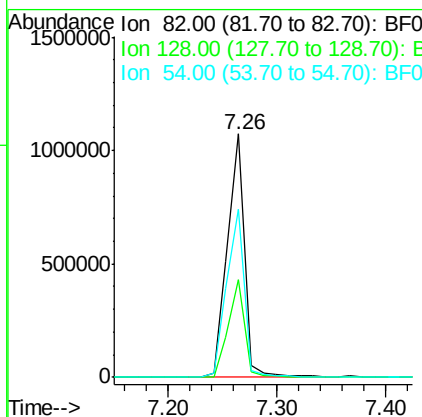
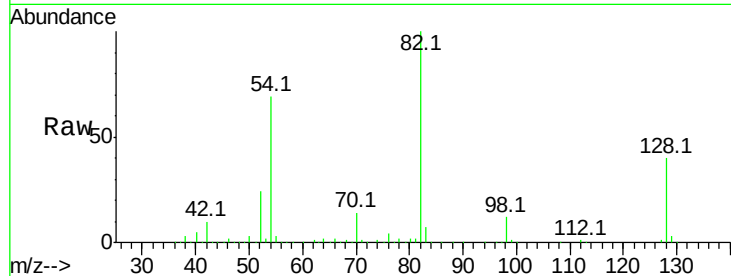
#23
 Nitrobenzene-d5
 Concen: 89.02 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	69.3	38.1	57.1#

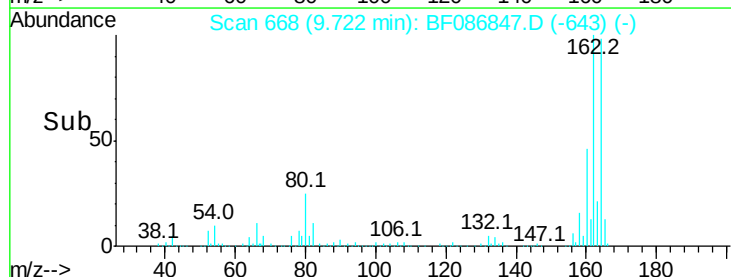
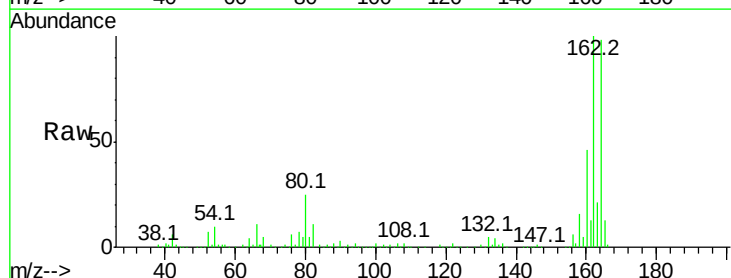
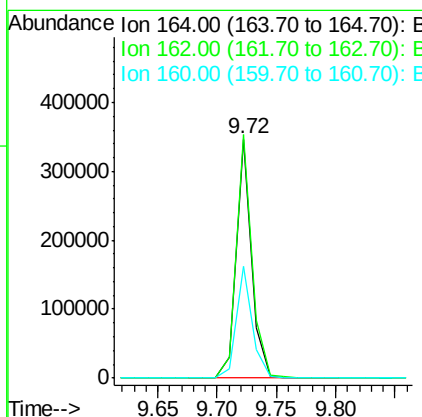
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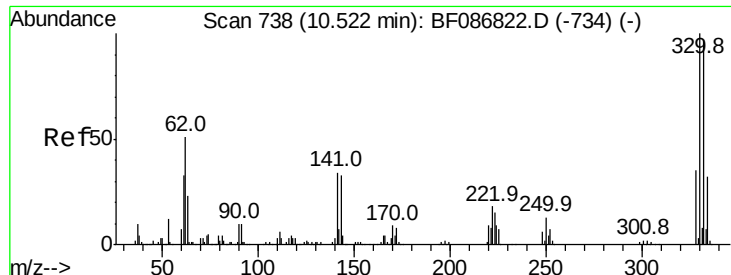
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	46.7	36.9	55.3





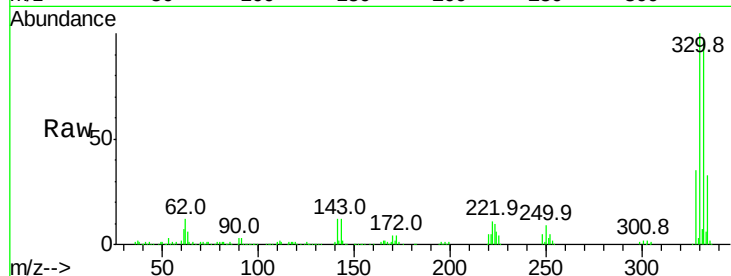
#41
 2,4,6-Tribromophenol
 Concen: 130.64 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

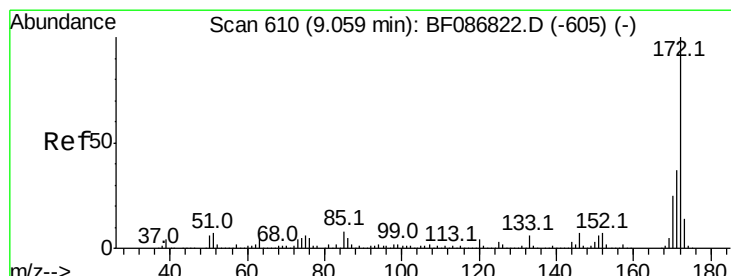
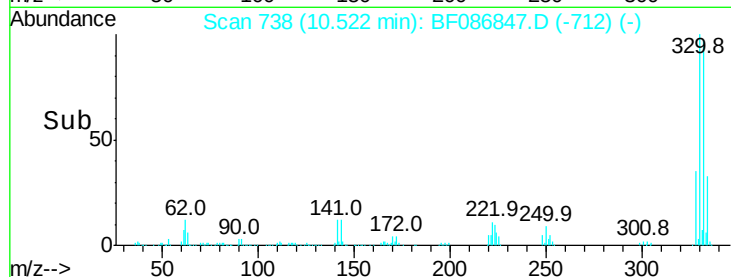
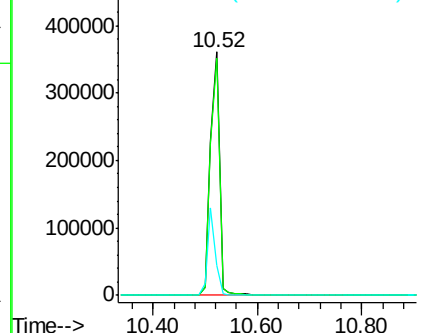
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	79.0	118.4	
141	31.9	31.2	46.8	

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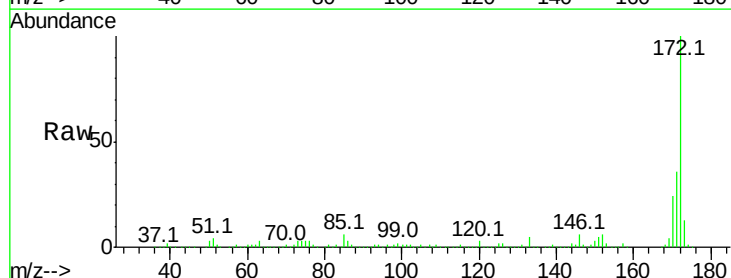


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

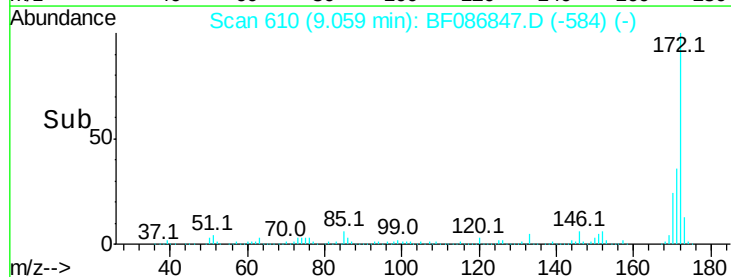
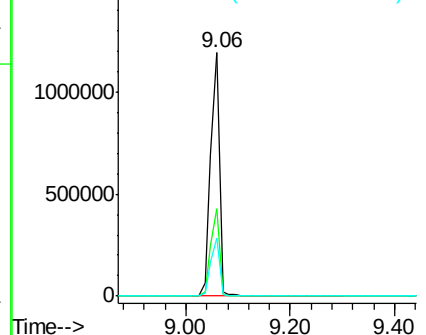


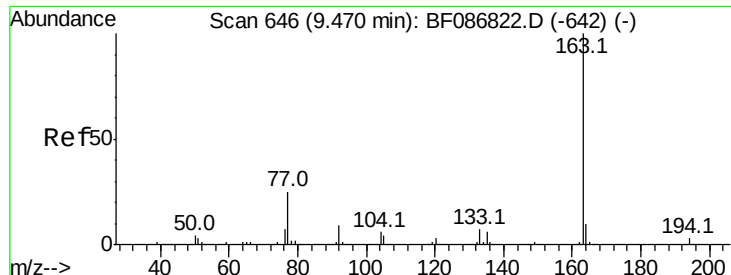
#44
 2-Fluorobiphenyl
 Concen: 74.20 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	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





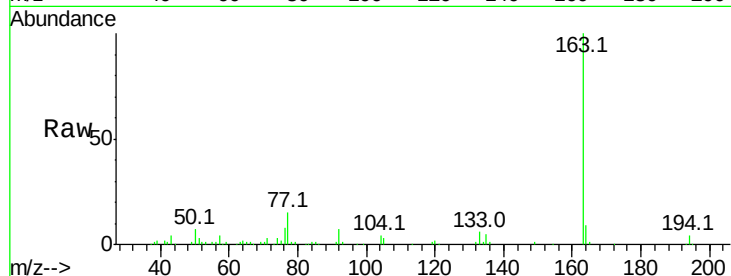
#49
Dimethylphthalate
Concen: 6.48 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

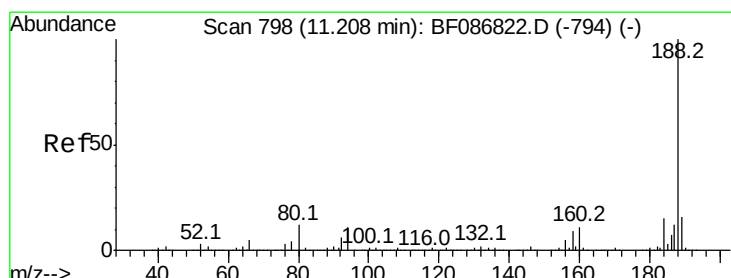
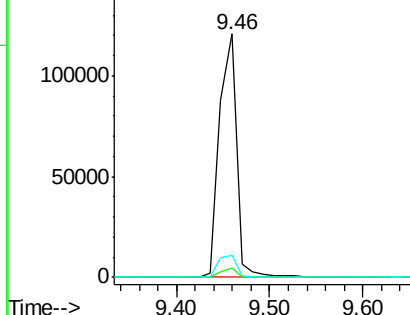
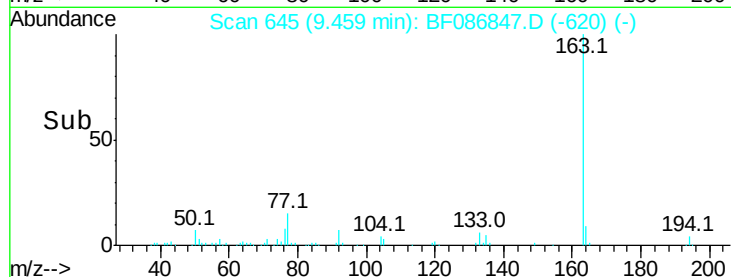
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	9.3	8.2	12.4	

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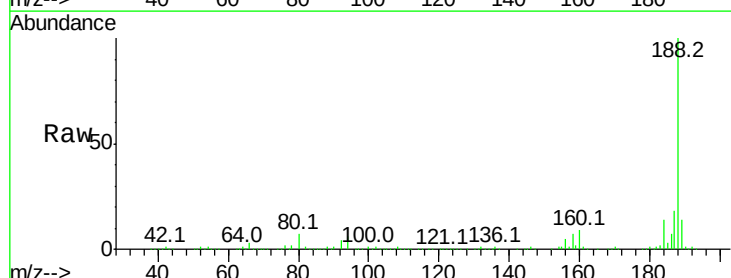


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

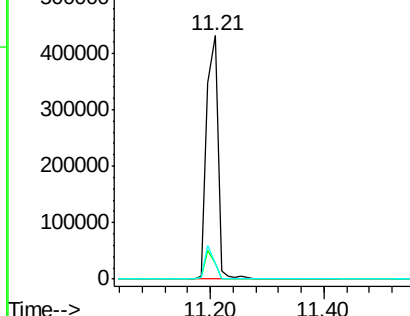
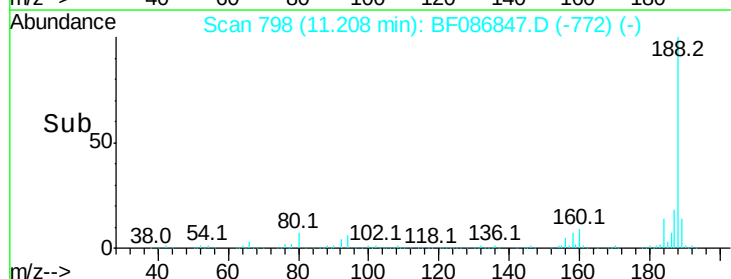


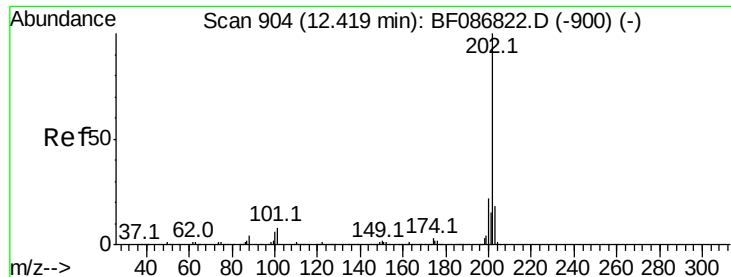
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.5	6.8	10.2#	
80	6.6	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: 2.30 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

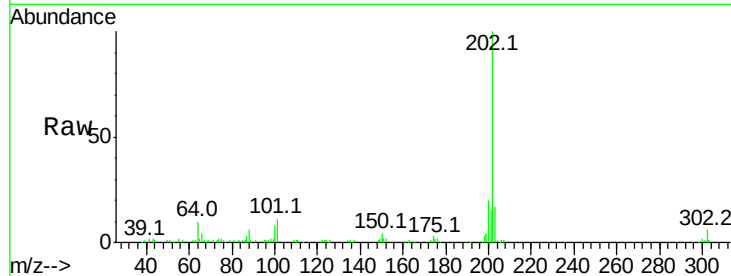
ClientSampled :

TP11-8-9FT

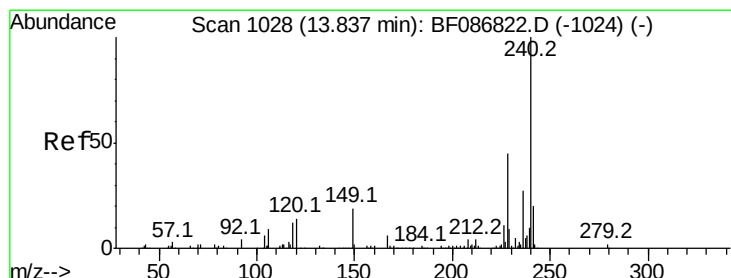
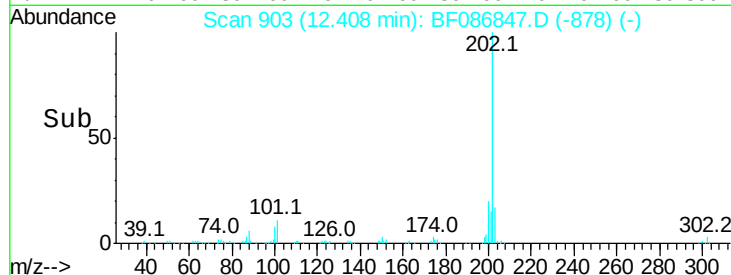
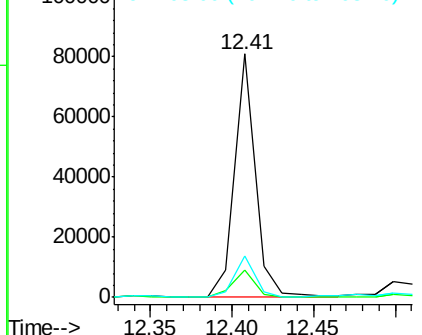
Tot Ion:	202	Resp:	71330
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	35.4
203	17.0	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

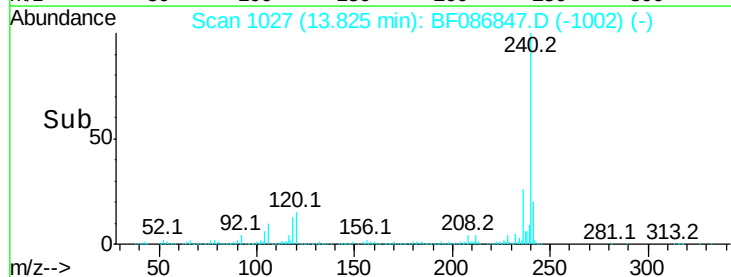
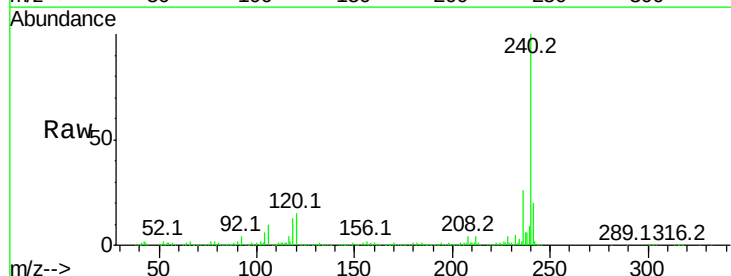
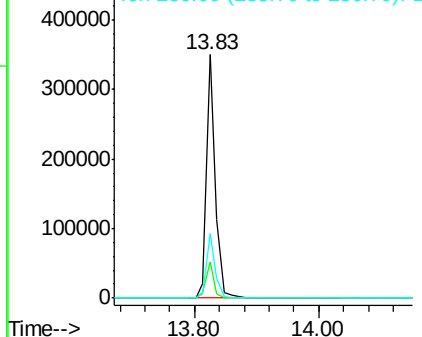
Delta R.T. -0.01 min

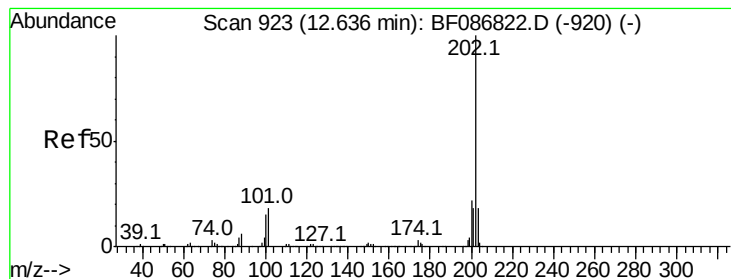
Lab File: BF086847.D

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Tgt Ion:	240	Resp:	347635
Ion Ratio	Lower	Upper	
240	100		
120	15.0	11.2	16.8
236	26.4	21.2	31.8

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





#77

Pvrene

Concen: 2.28 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

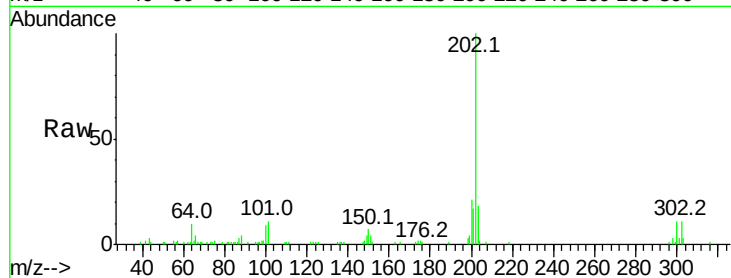
ClientSampleId :

TP11-8-9FT

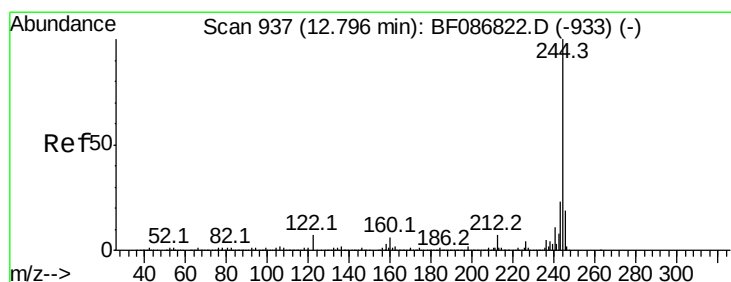
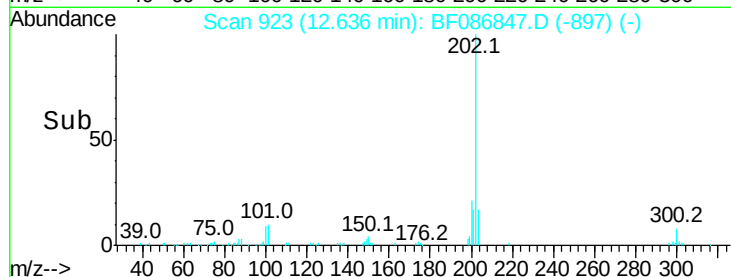
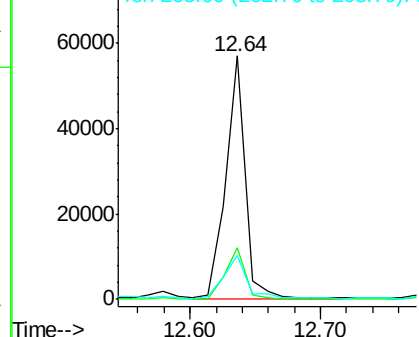
Tot Ion:	202	Resp:	60700
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	18.0	14.2	21.4

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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: 59.48 ng

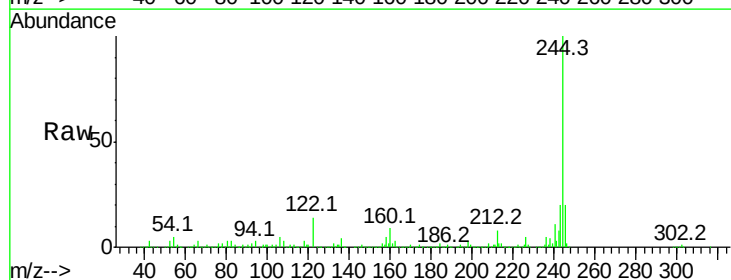
RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

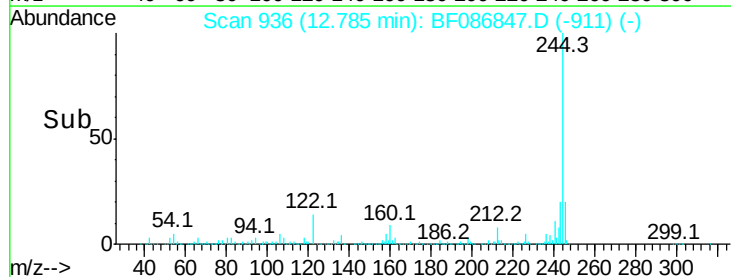
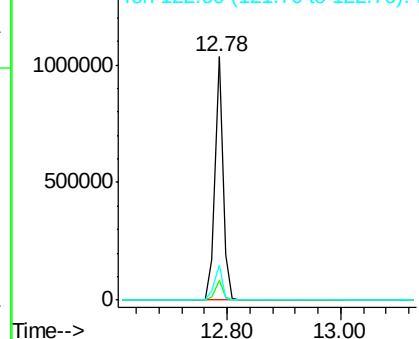
Lab File: BF086847.D

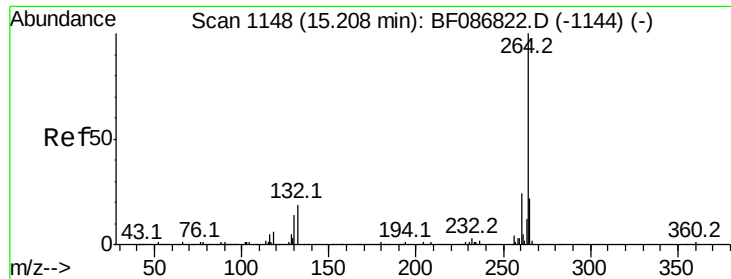
Acq: 10 May 2016 3:48

Tgt Ion:	244	Resp:	974525
Ion Ratio	Lower	Upper	
244	100		
212	8.1	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





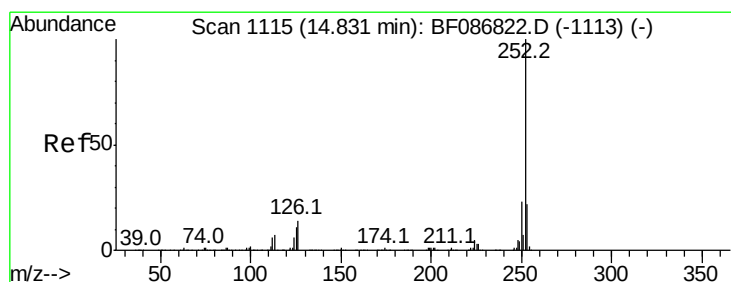
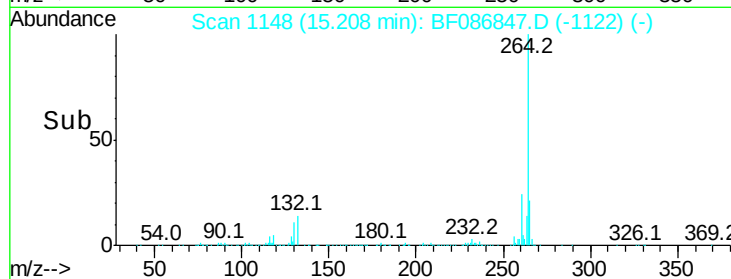
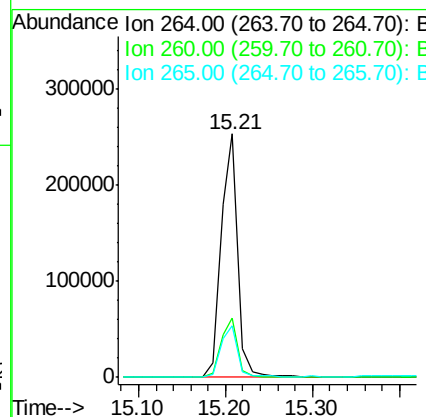
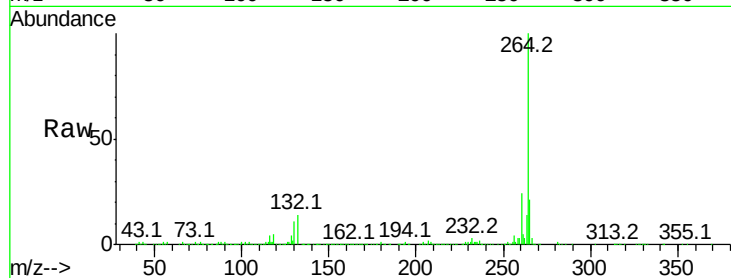
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.5	29.3	
265	21.4	17.3	25.9	

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:10 AM



#87
Benzo(b)fluoranthene
Concen: 2.10 ng m
RT: 14.82 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.8	17.8	26.6	
125	14.8	11.4	17.0	

