

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082466.D
 Acq On : 23 Oct 2015 1:20
 Operator : UM/IZ
 Sample : G4109-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Manual Integrations
 APPROVED

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 10/23/2015 4:45:34 PM

Quant Time: Oct 23 04:06:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78685m	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	292318	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	134633	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	213502	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	200598	20.00	ng	-0.06
86) Perylene-d12	15.44	264	143175	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	319454	81.94	ng	0.00
7) Phenol-d6	6.41	99	389662	76.80	ng	-0.01
23) Nitrobenzene-d5	7.34	82	230160	52.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	73495	58.21	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	497437	61.27	ng	-0.01
78) Terphenyl-d14	12.89	244	404587	53.45	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	36808	3.88	ng	Qvalue 98

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

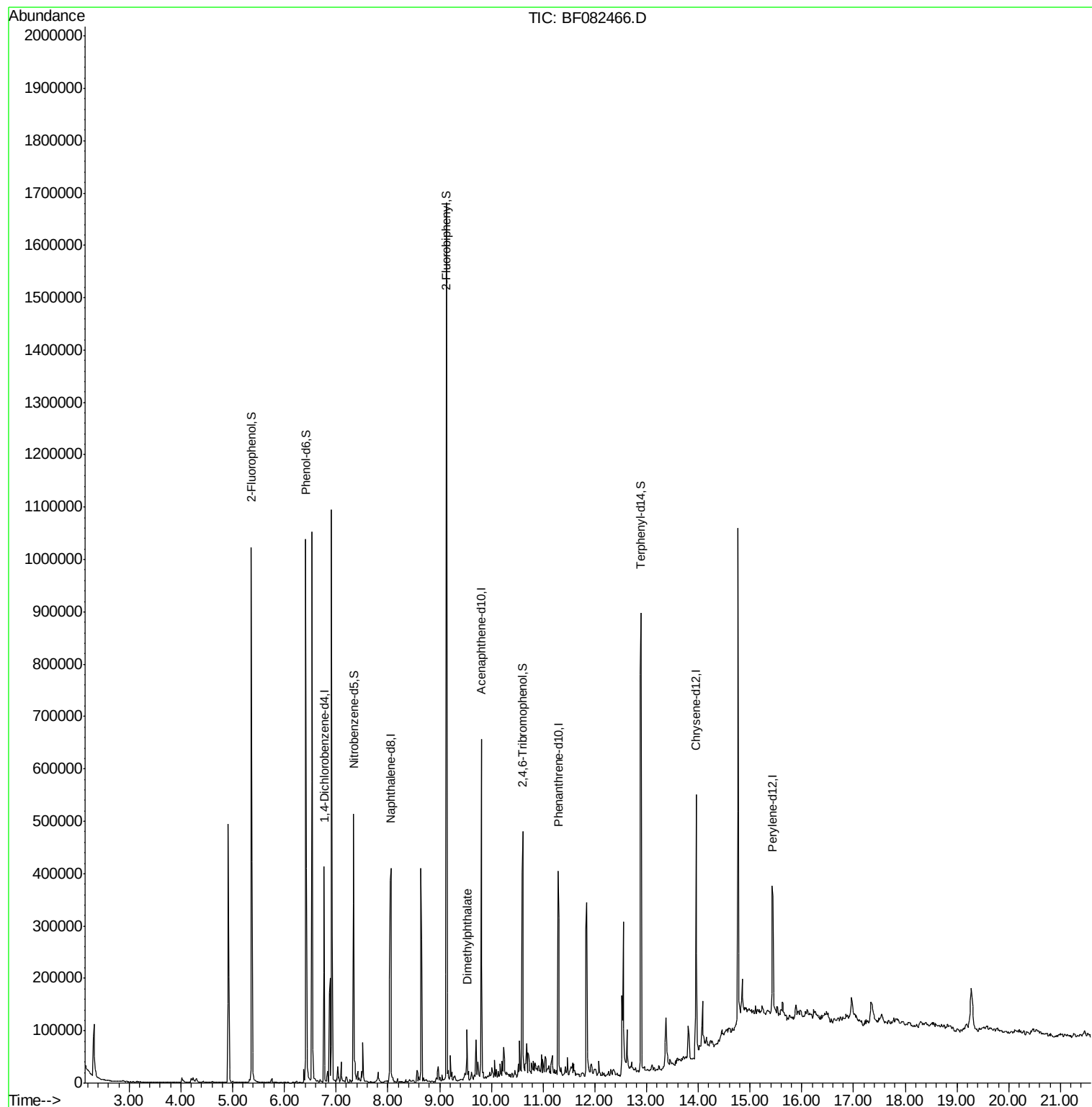
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082466.D
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ALS Vial : 21 Sample Multiplier: 1

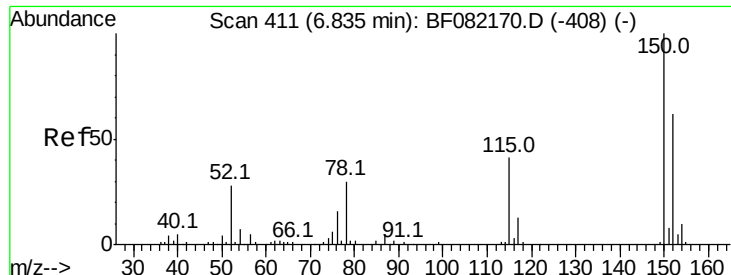
Instrument :
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ClientSampleId :
1510093753

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#1

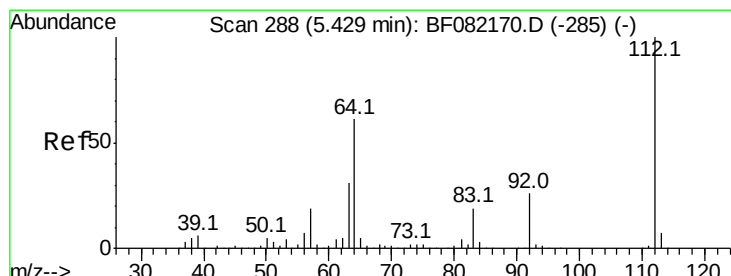
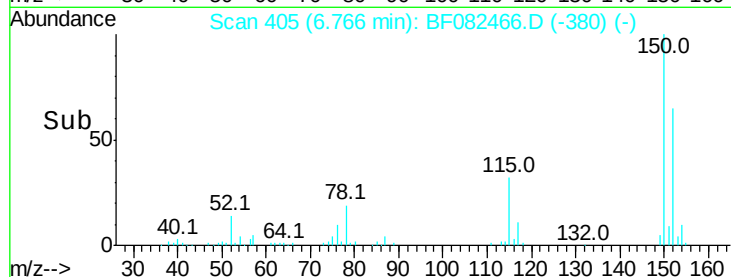
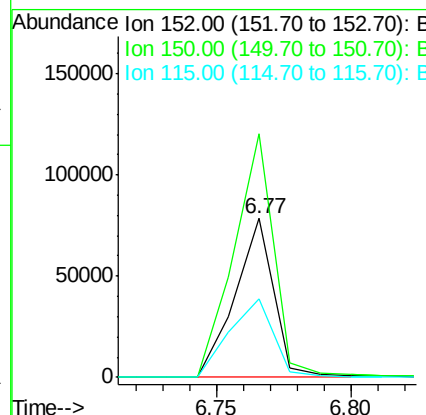
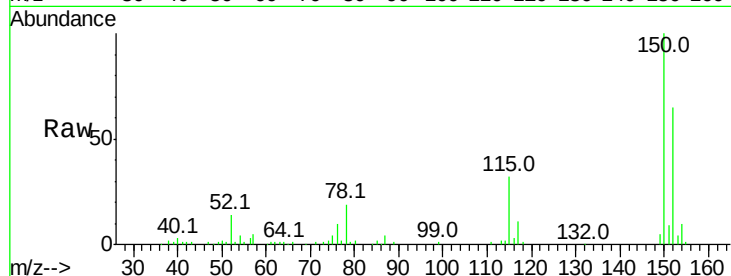
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Instrument :
BNA_F
ClientSampleId :
1510093753

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	129.0	193.4
115	49.5	52.1	78.1#

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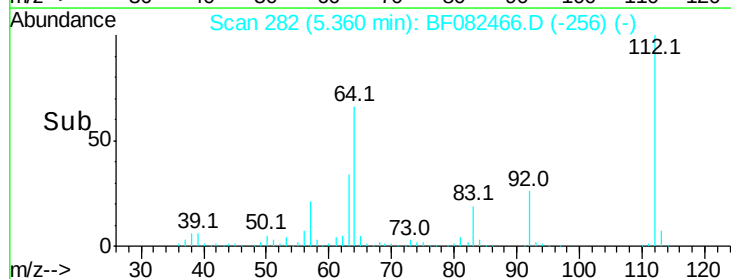
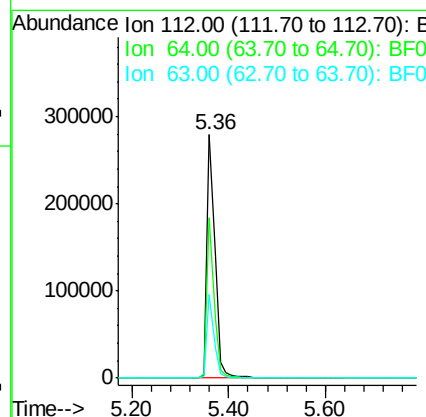
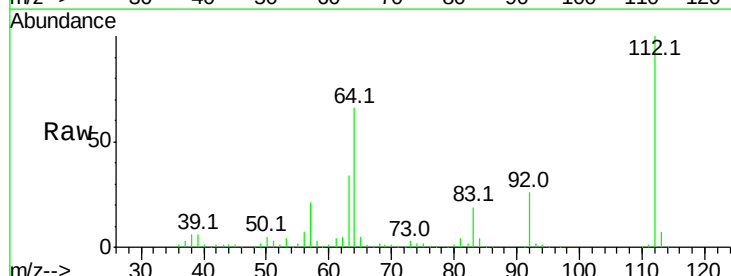
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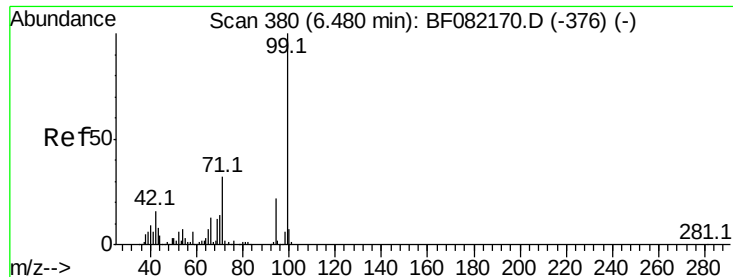


#5

2-Fluorophenol
Concen: 81.94 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	48.6	73.0
63	34.5	25.1	37.7





#7

Phenol-d6

Concen: 76.80 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

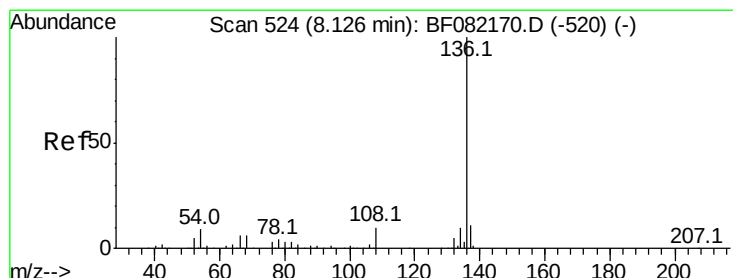
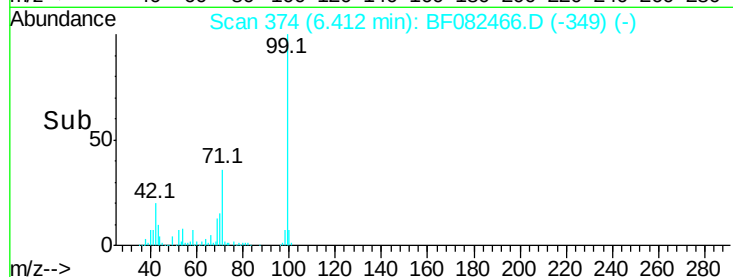
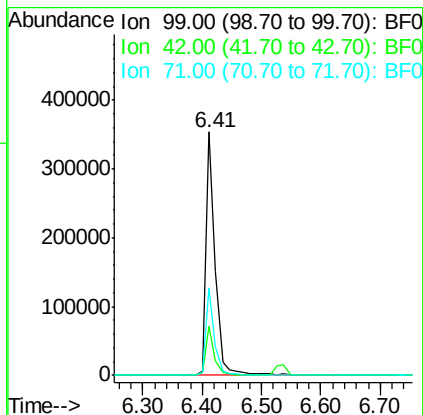
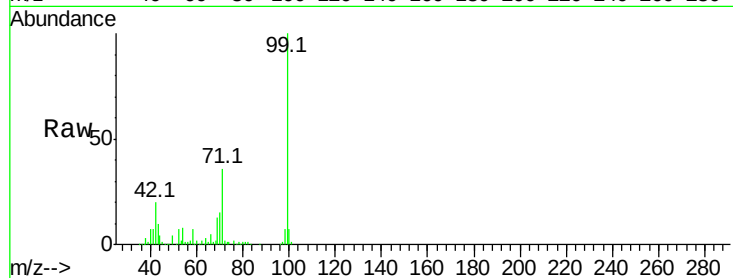
ClientSampleId :

1510093753

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		389662		
42	20.2	13.2	19.8#		
71	35.8	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

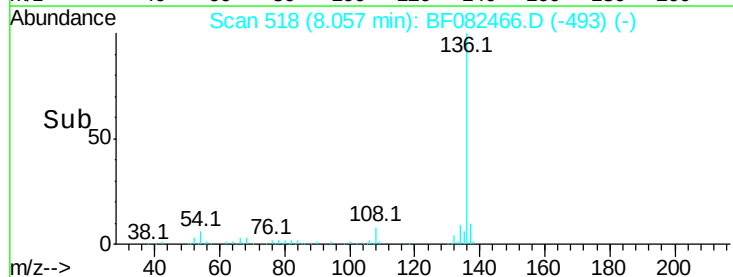
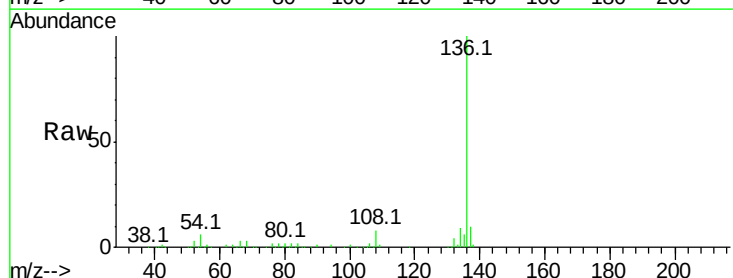
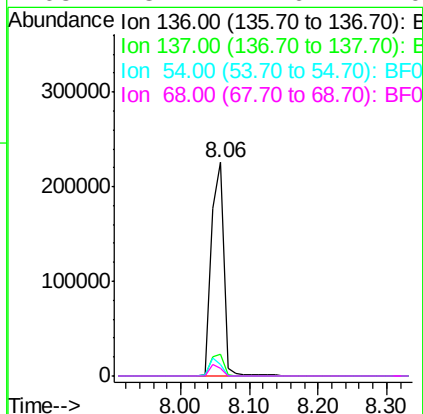
RT: 8.06 min Scan# 518

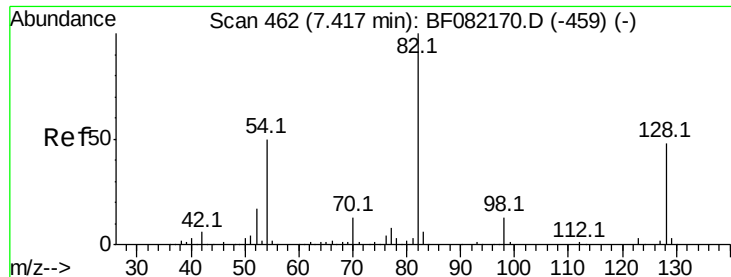
Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		292318		
137	10.3	9.0	13.6		
54	5.5	7.5	11.3#		
68	3.4	4.6	7.0#		





#23

Nitrobenzene-d5

Concen: 52.88 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

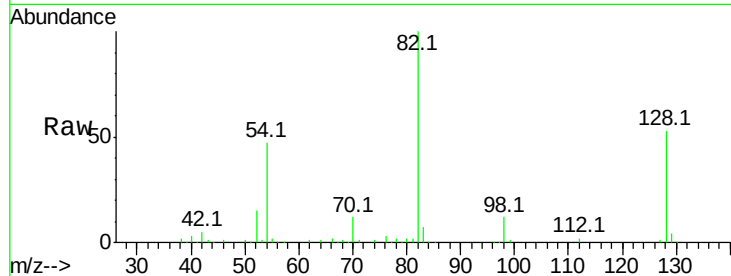
ClientSampleId :

1510093753

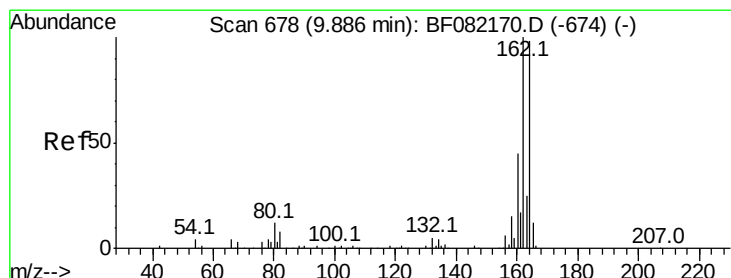
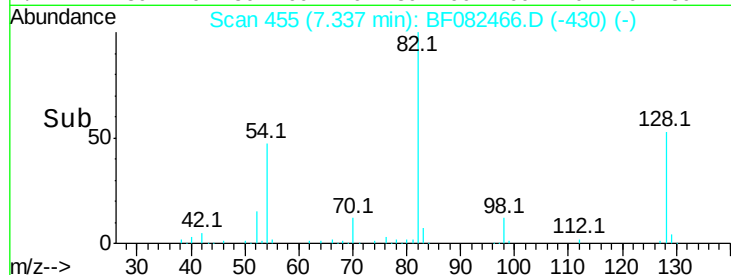
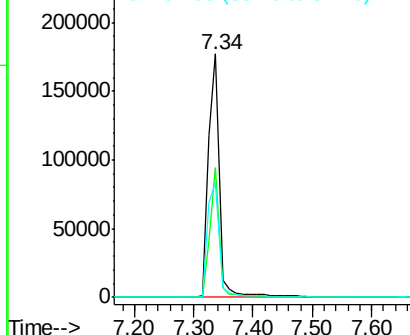
Tot Ion:	82	Resp:	230160
Ion Ratio	Lower	Upper	
82	100		
128	53.2	38.7	58.1
54	47.0	40.1	60.1

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

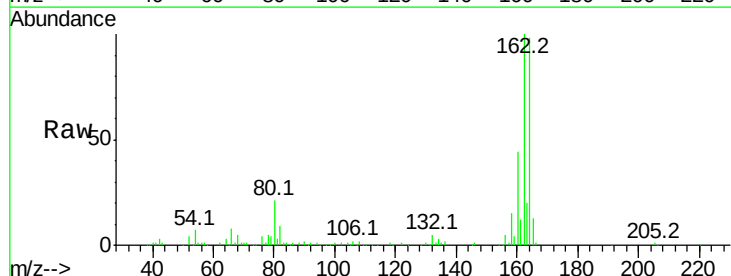
RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

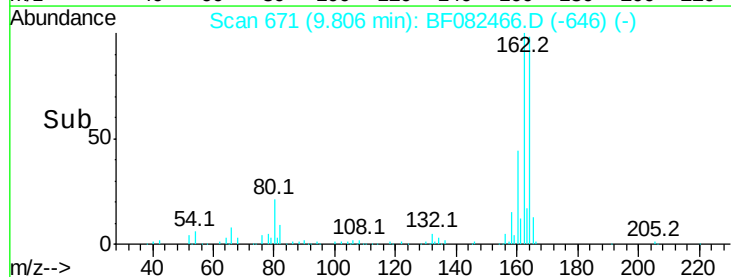
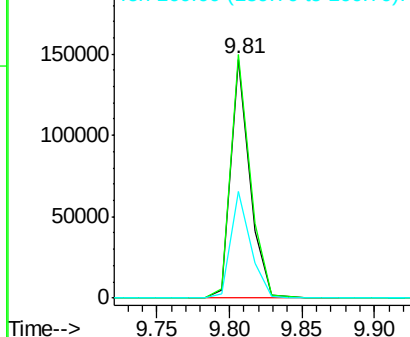
Lab File: BF082466.D

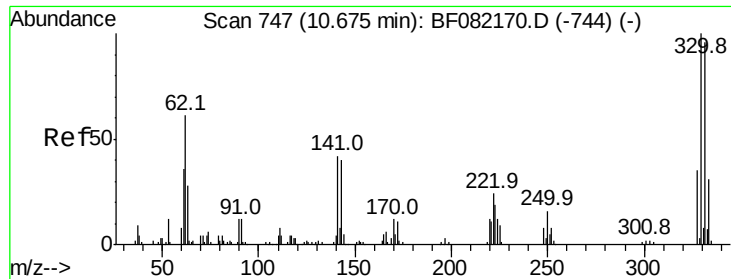
Acq: 23 Oct 2015 1:20

Tgt Ion:	164	Resp:	134633
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.6	122.4
160	44.4	36.4	54.6



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





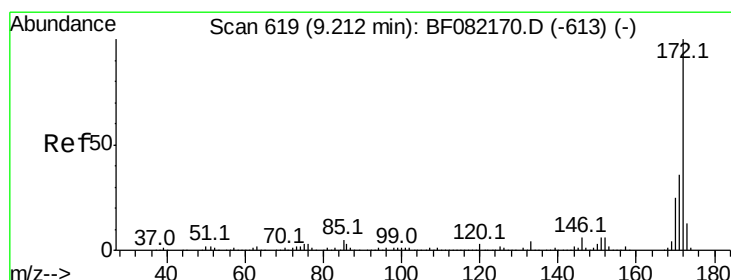
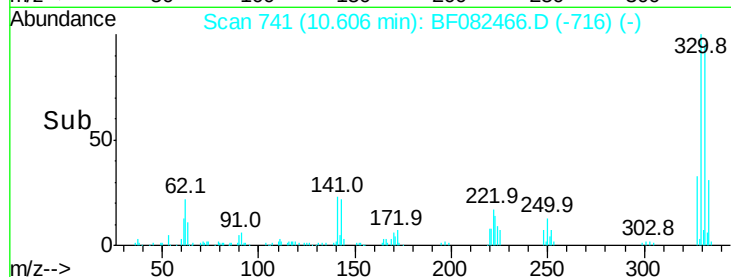
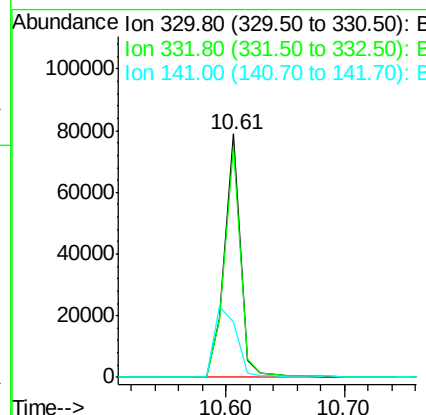
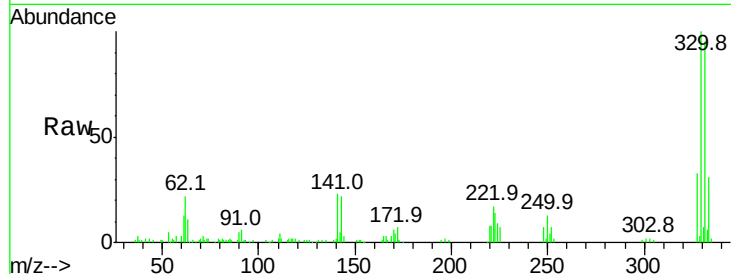
#41
 2,4,6-Tribromophenol
 Concen: 58.21 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.1	115.7	
141	40.6	29.8	44.8	

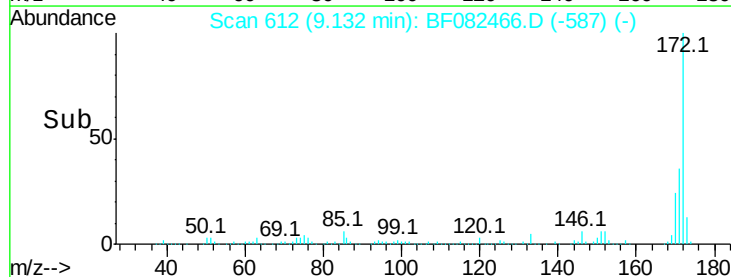
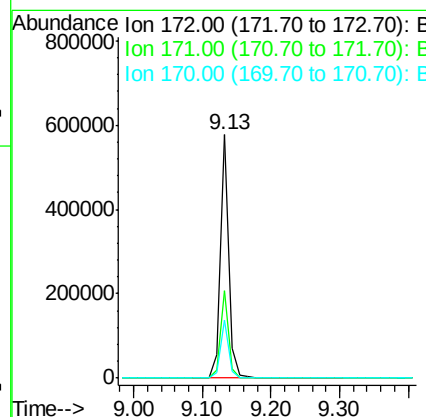
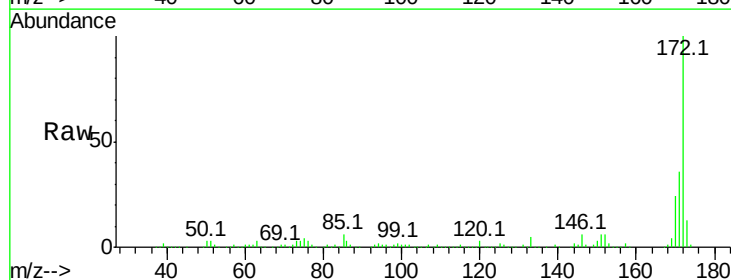
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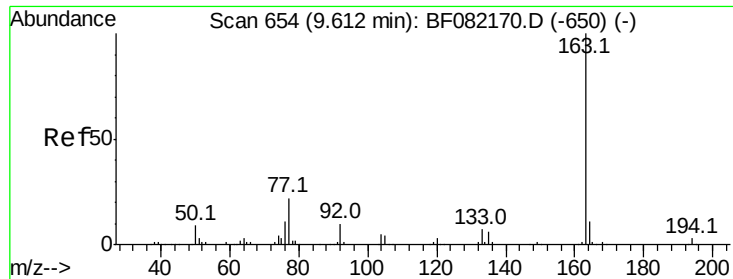
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#44
 2-Fluorobiphenyl
 Concen: 61.27 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	28.6	42.8	
170	23.8	19.7	29.5	





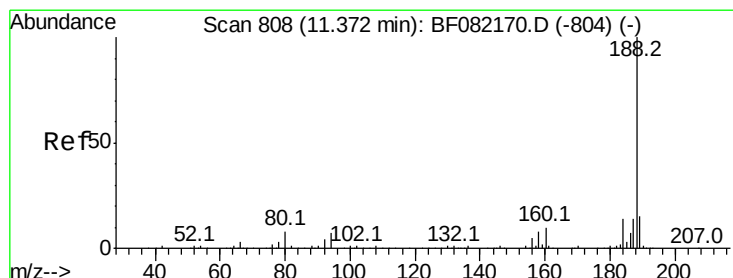
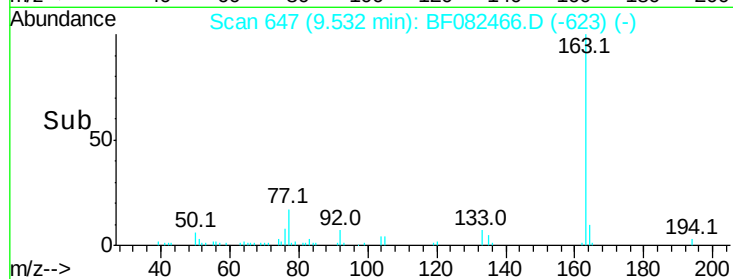
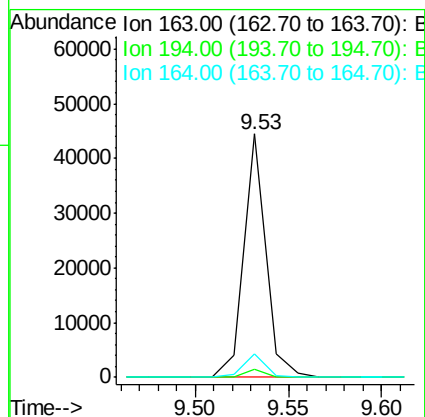
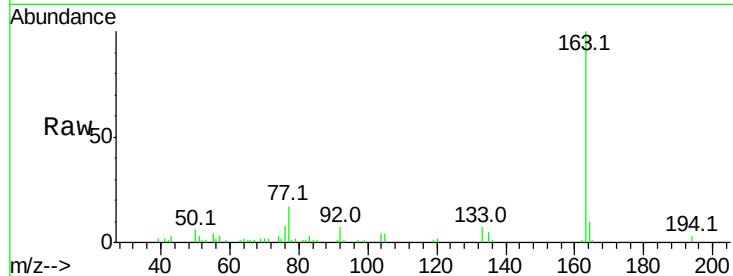
#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Instrument :
BNA_F
ClientSampleId :
1510093753

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.5	12.7

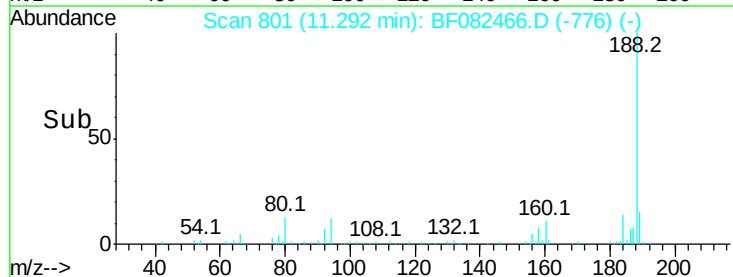
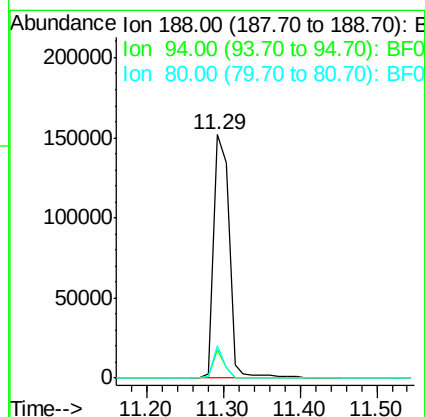
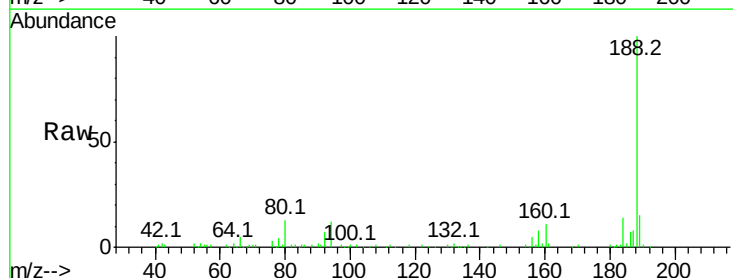
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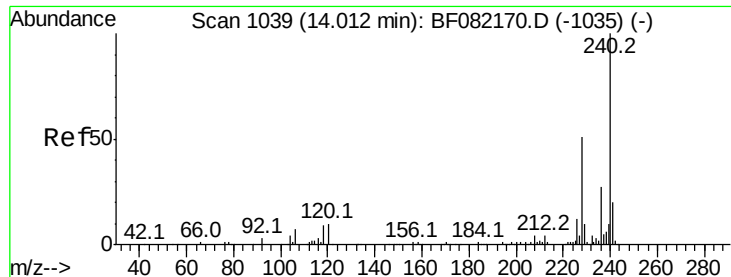
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	5.8	8.6#
80	13.5	6.4	9.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

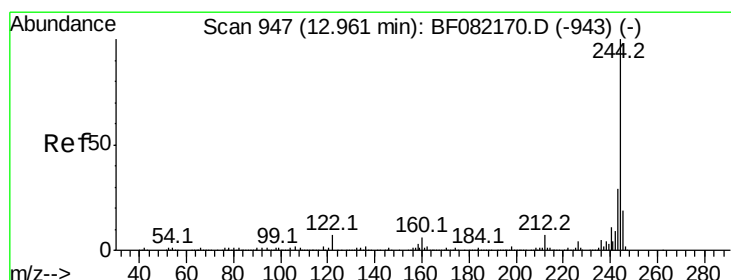
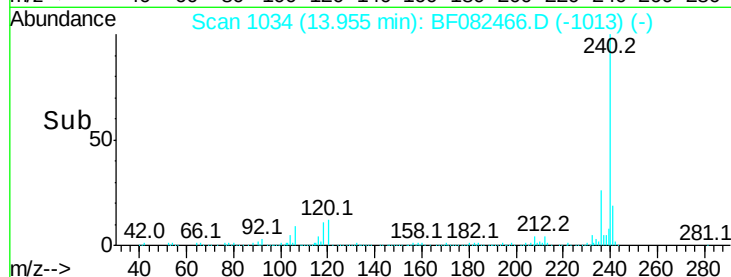
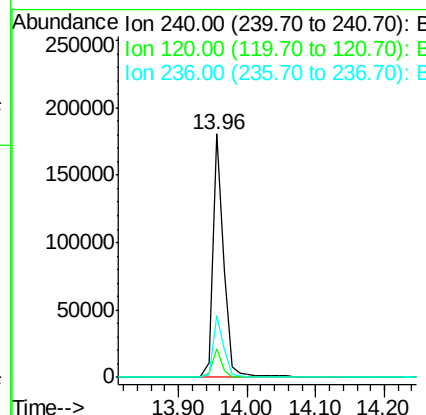
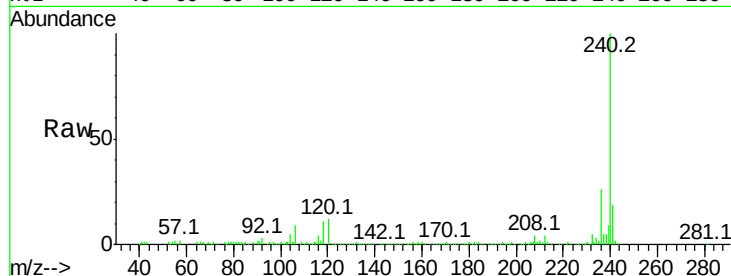
ClientSampleId :

1510093753

Tot Ion:	240	Resp:	200598
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.1	12.1
236	25.6	21.3	31.9

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#78

Terphenyl-d14

Concen: 53.45 ng

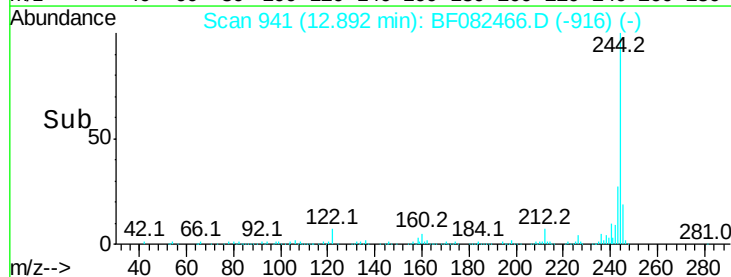
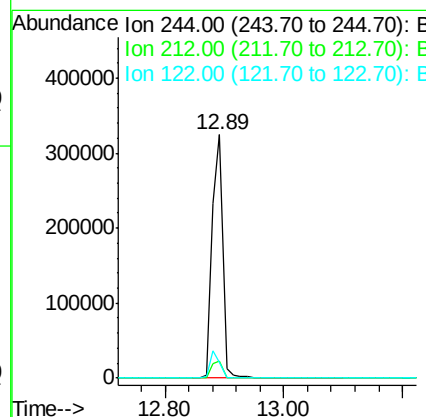
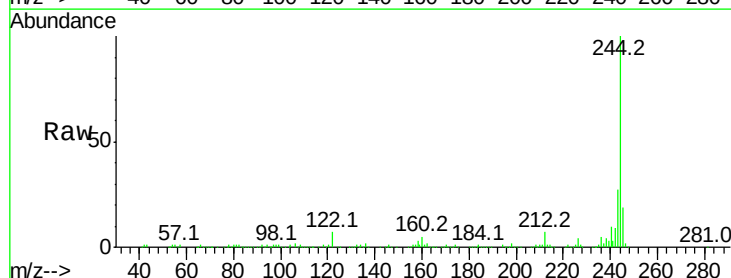
RT: 12.89 min Scan# 941

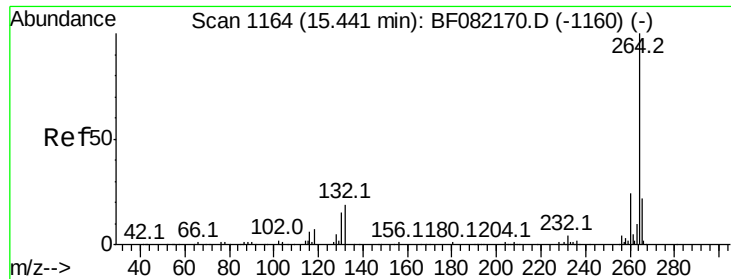
Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Tgt Ion:	244	Resp:	404587
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	6.6	5.9	8.9





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.09 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.0	19.0	28.6	
265	22.2	17.3	25.9	

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