

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082220.D
 Acq On : 12 Oct 2015 15:01
 Operator : UM/IZ
 Sample : PB86065BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BL

Manual Integrations
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 10/13/2015 1:27:34 PM

Quant Time: Oct 13 02:22:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82060m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	327235	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	176601	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	357854	20.00	ng	0.00
75) Chrysene-d12	14.00	240	350863	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	374559	92.12	ng	0.01
7) Phenol-d6	6.47	99	489565	92.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	413554	84.87	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	126303	76.26	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	877013	82.36	ng	0.00
78) Terphenyl-d14	12.95	244	1016521	76.77	ng	0.00

Target Compounds Qvalue

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

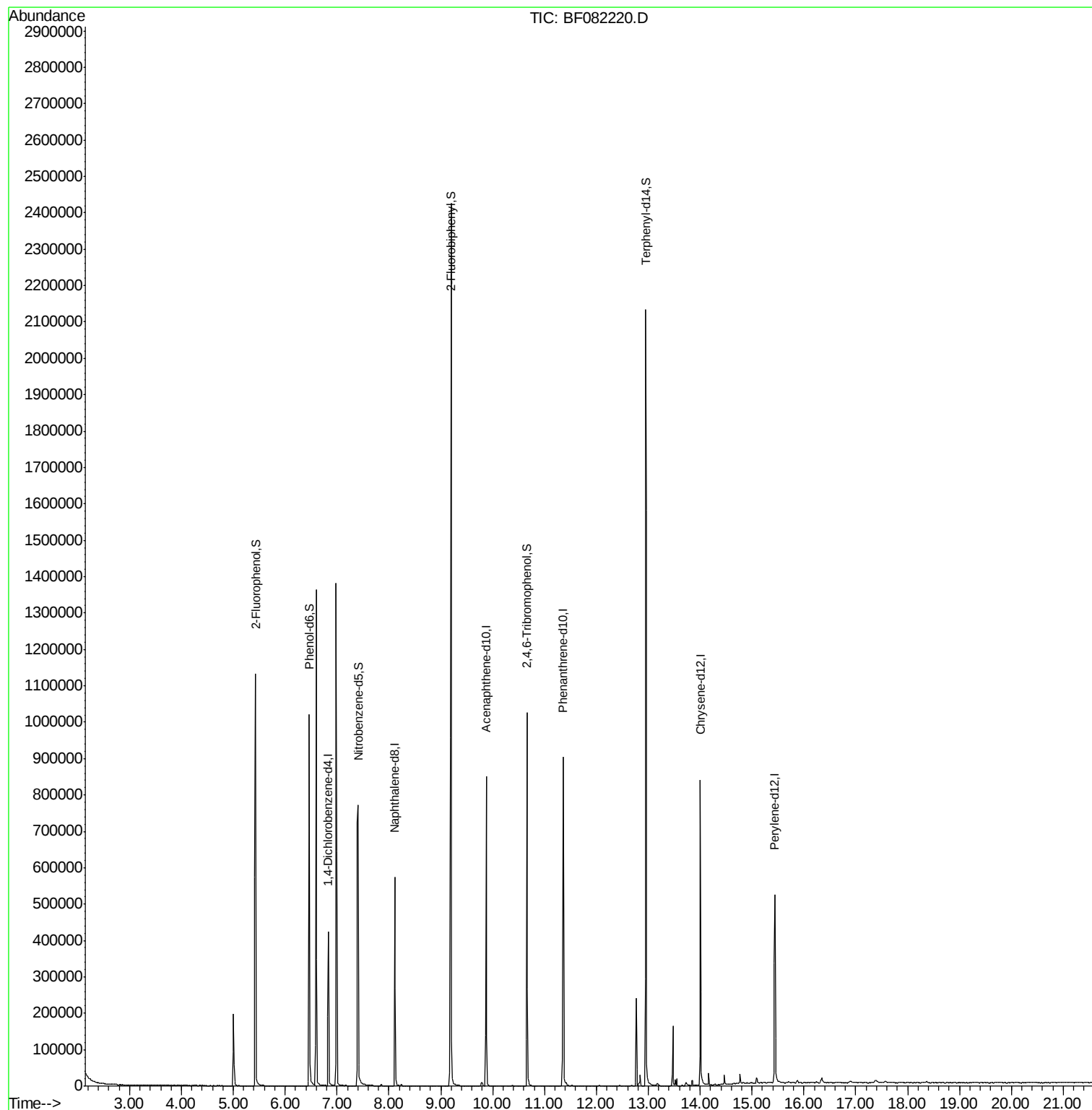
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
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ALS Vial : 5 Sample Multiplier: 1

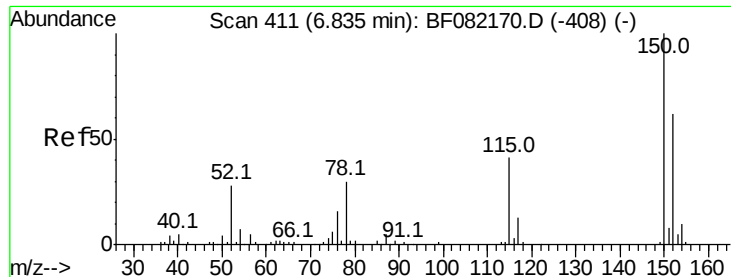
Instrument :
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#1

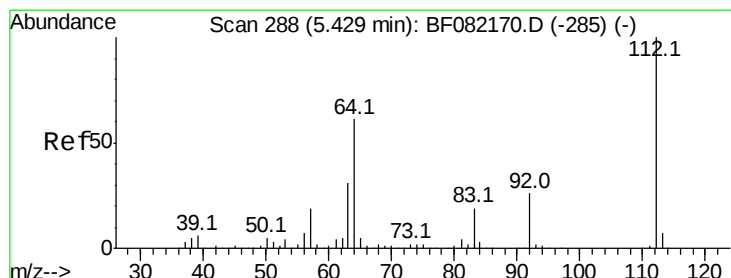
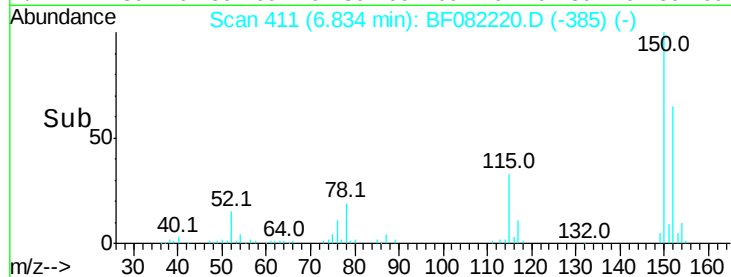
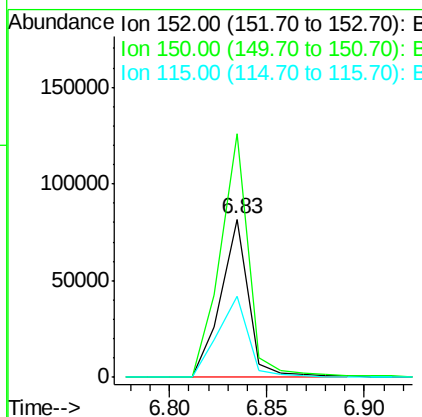
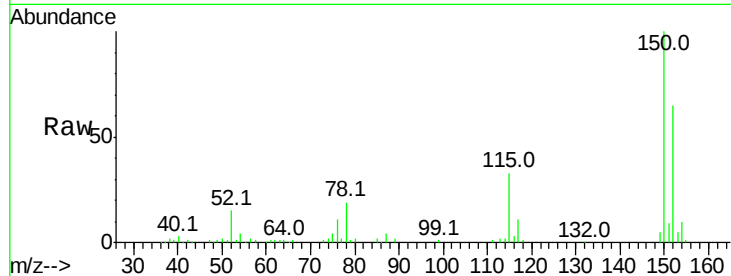
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082220.D
Acq: 12 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleId :
PB86065BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	129.0	193.4
115	51.3	52.1	78.1#

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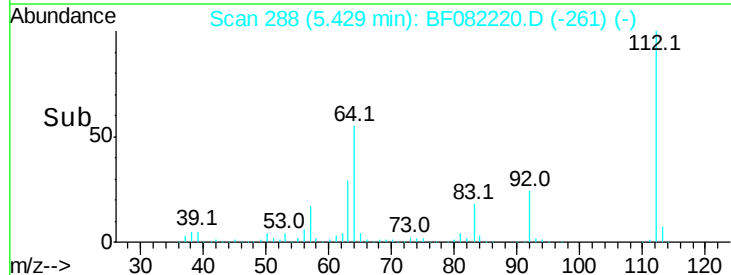
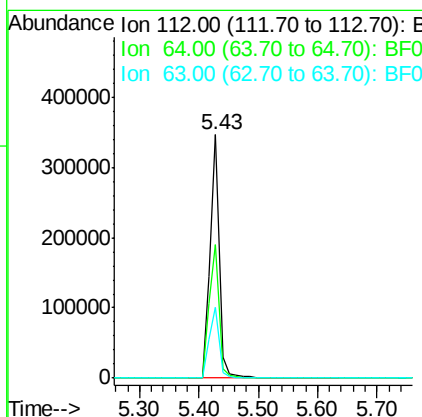
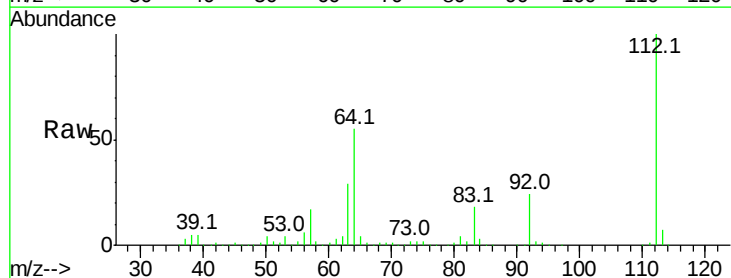
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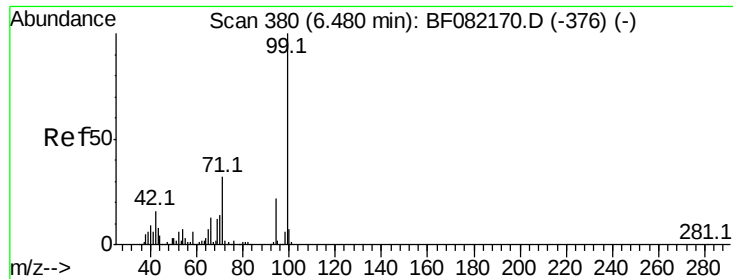


#5

2-Fluorophenol
Concen: 92.12 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082220.D
Acq: 12 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	48.6	73.0
63	29.0	25.1	37.7





#7

Phenol-d6

Concen: 92.52 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082220.D

Acq: 12 Oct 2015 15:01

Instrument :

BNA_F

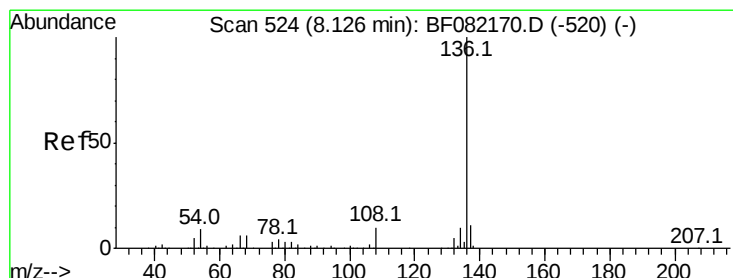
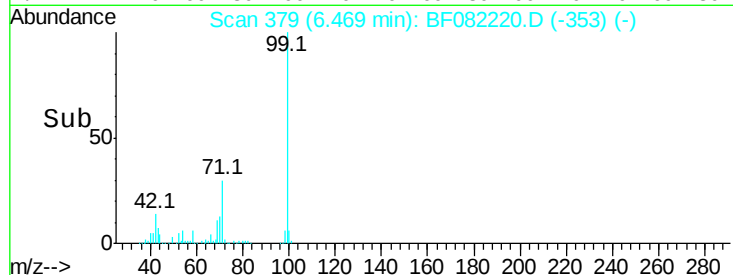
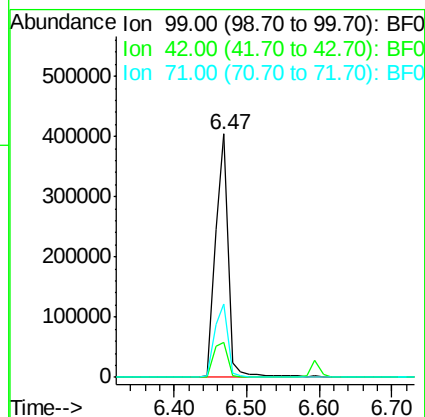
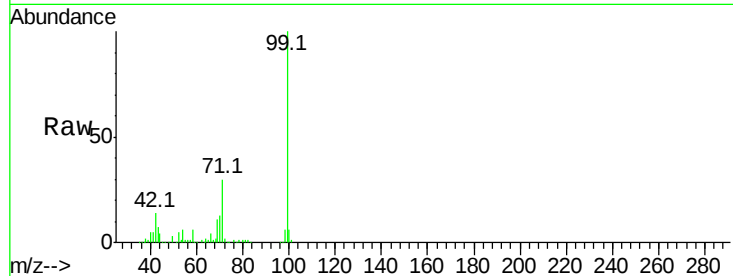
ClientSampleId :

PB86065BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		489565		
42	14.4	13.2	19.8		
71	30.3	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

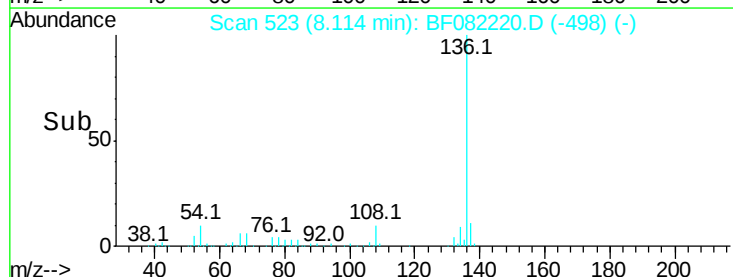
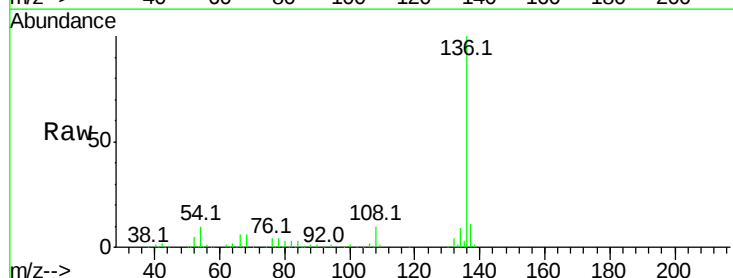
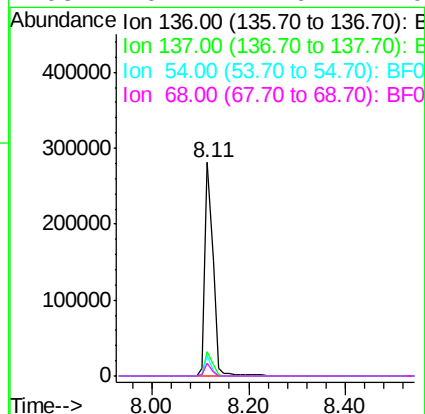
RT: 8.11 min Scan# 523

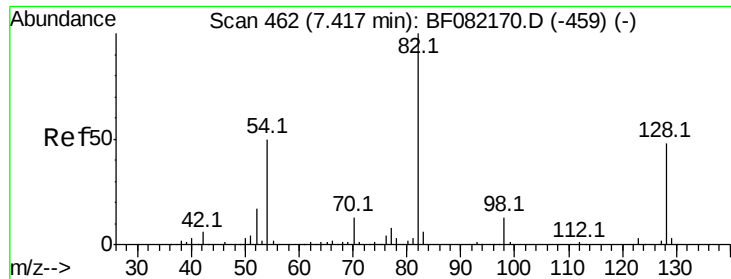
Delta R.T. -0.01 min

Lab File: BF082220.D

Acq: 12 Oct 2015 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		327235		
137	11.2	9.0	13.6		
54	9.6	7.5	11.3		
68	6.1	4.6	7.0		





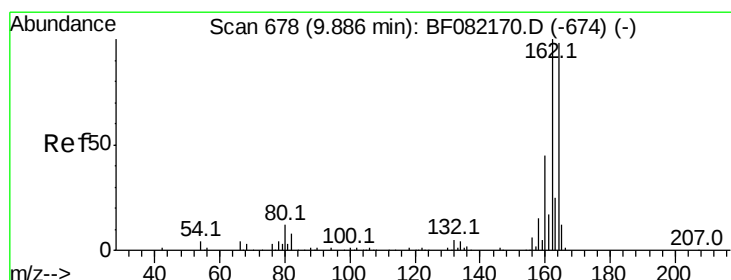
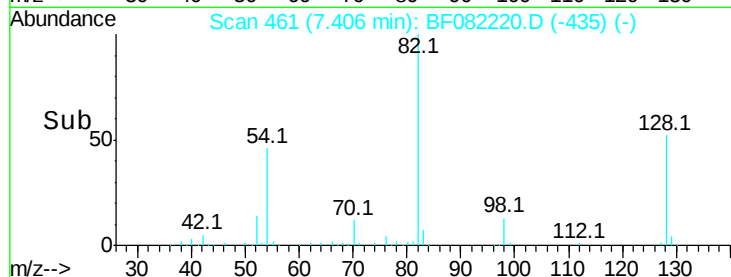
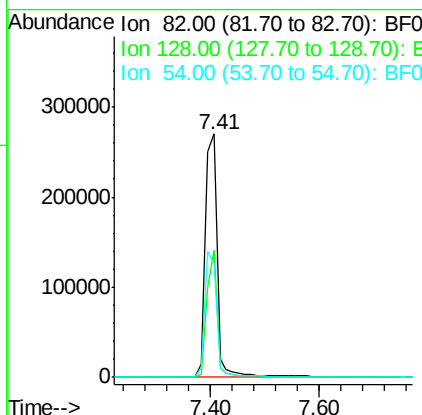
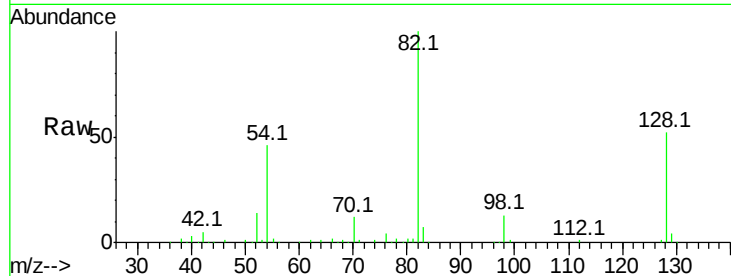
#23
Nitrobenzene-d5
Concen: 84.87 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082220.D
Acq: 12 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleId :
PB86065BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	38.7	58.1
54	46.4	40.1	60.1

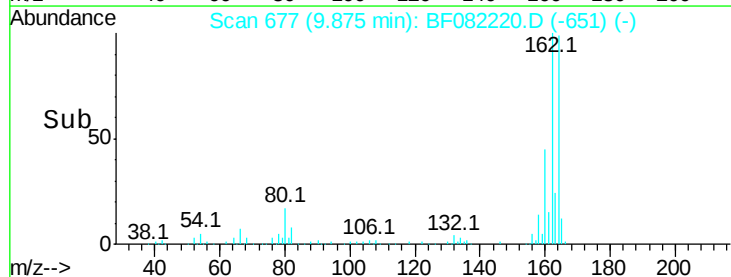
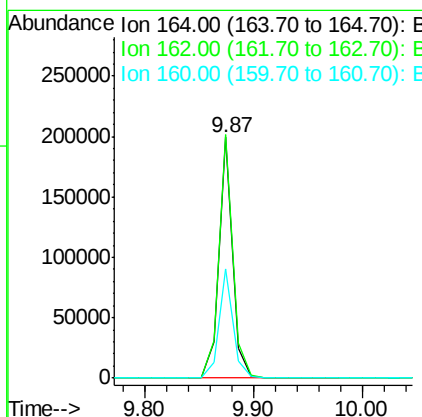
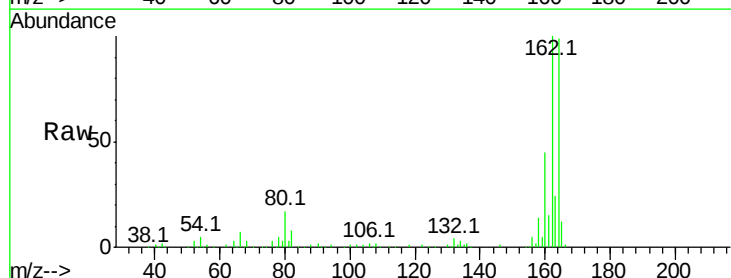
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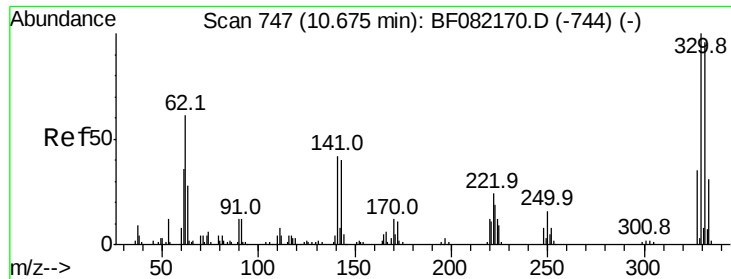
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082220.D
Acq: 12 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	45.2	36.4	54.6





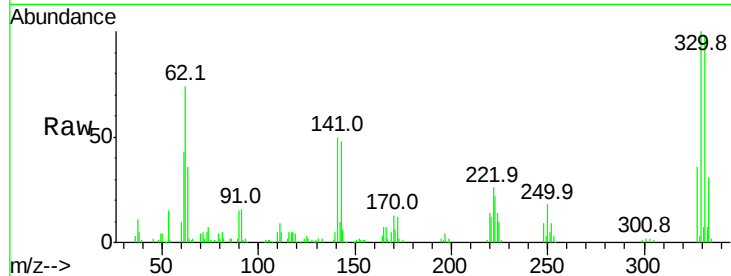
#41
 2,4,6-Tribromophenol
 Concen: 76.26 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082220.D
 Acq: 12 Oct 2015 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BL

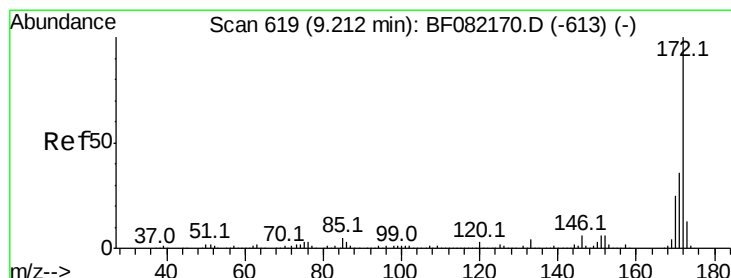
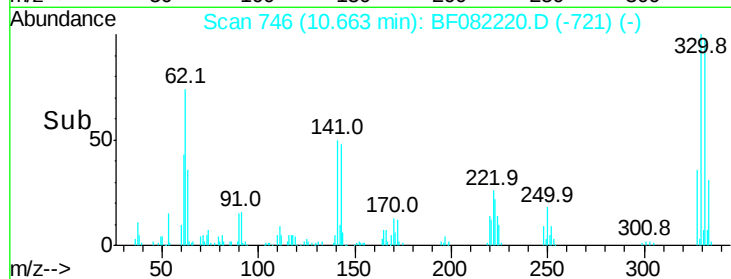
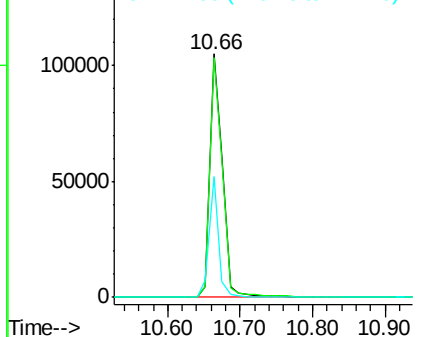
Tot Ion	Ratio	Resp	Lower	Upper
330	100	126303		
332	97.4		77.1	115.7
141	37.0		29.8	44.8

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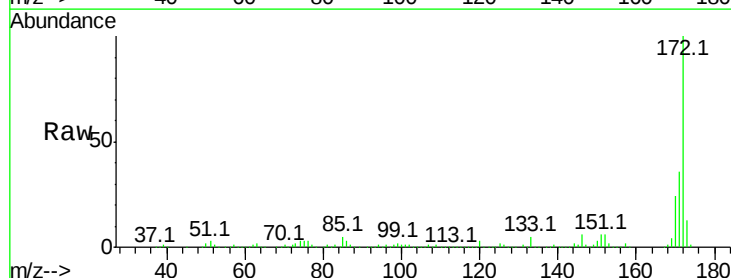


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

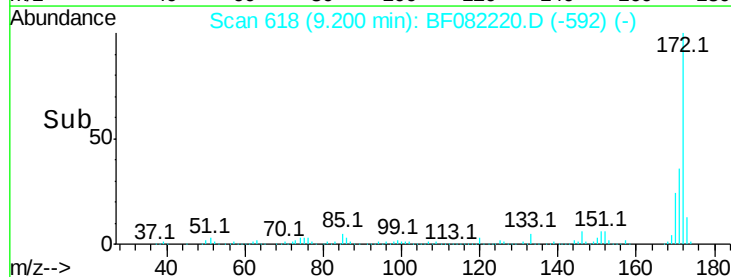
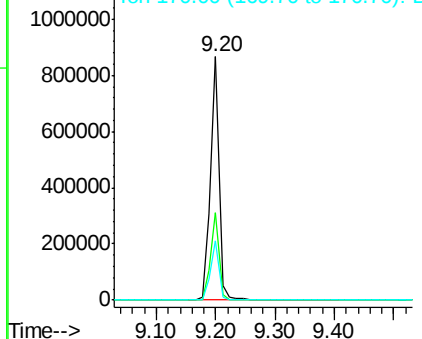


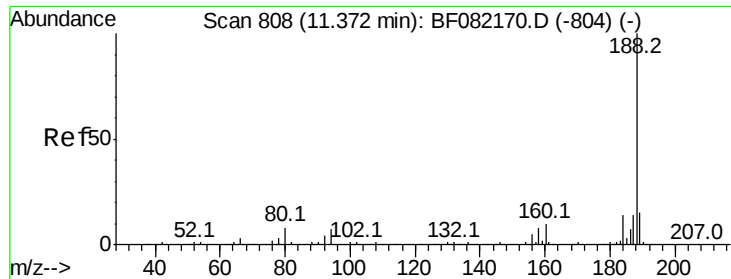
#44
 2-Fluorobiphenyl
 Concen: 82.36 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082220.D
 Acq: 12 Oct 2015 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	877013		
171	35.7		28.6	42.8
170	24.4		19.7	29.5



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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082220.D

Acq: 12 Oct 2015 15:01

Instrument :

BNA_F

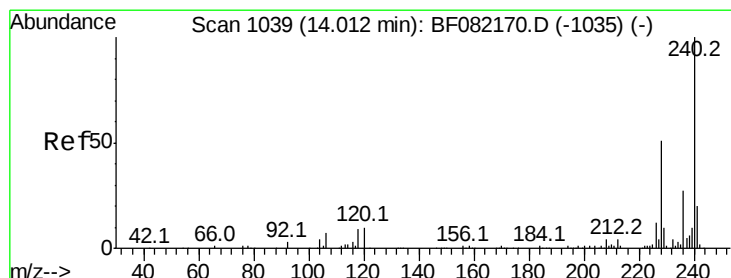
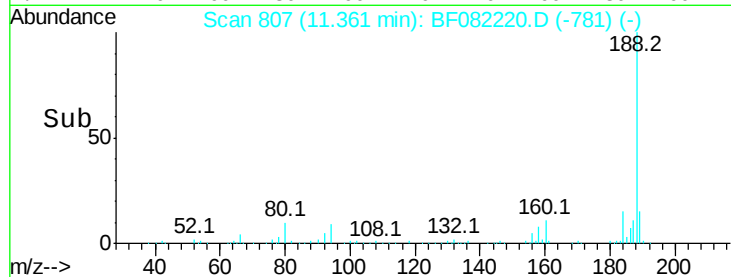
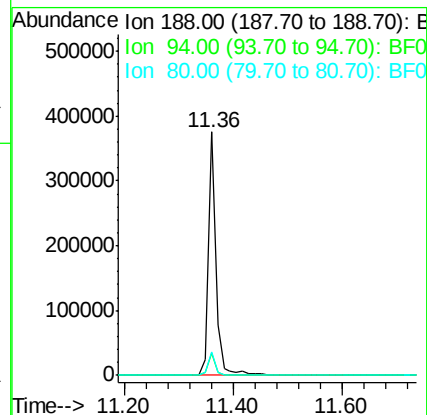
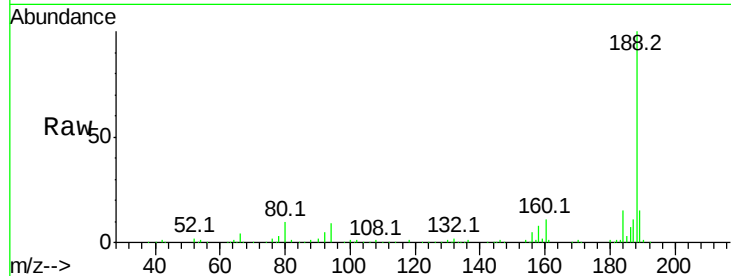
ClientSampleId :

PB86065BL

Tot Ion:188	Resp:	357854
Ion Ratio	Lower	Upper
188 100		
94 9.0	5.8	8.6#
80 9.8	6.4	9.6#

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#75

Chrysene-d12

Concen: 20.00 ng

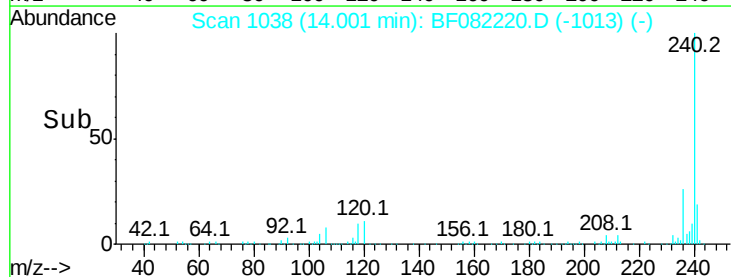
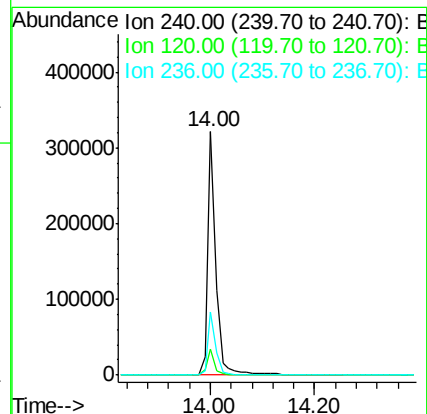
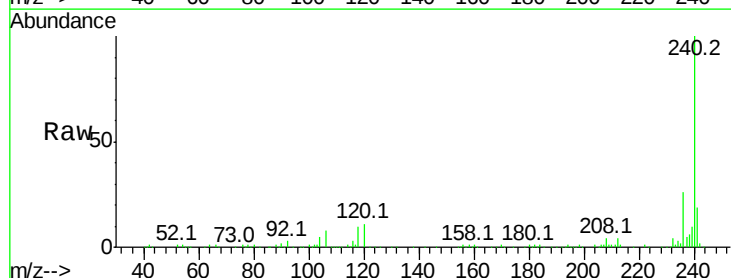
RT: 14.00 min Scan# 1038

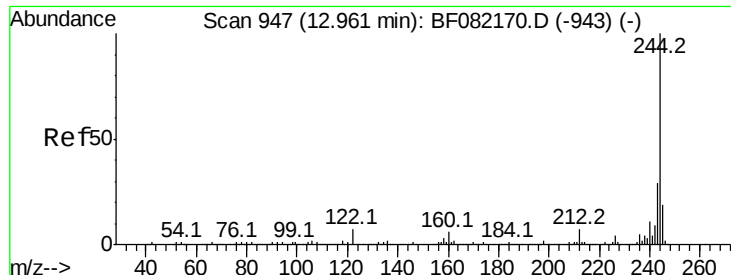
Delta R.T. -0.01 min

Lab File: BF082220.D

Acq: 12 Oct 2015 15:01

Tgt Ion:240	Resp:	350863
Ion Ratio	Lower	Upper
240 100		
120 10.7	8.1	12.1
236 25.9	21.3	31.9





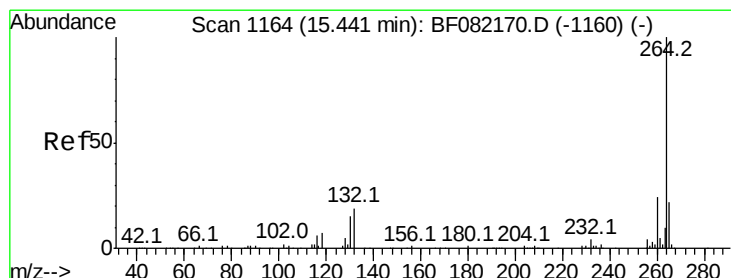
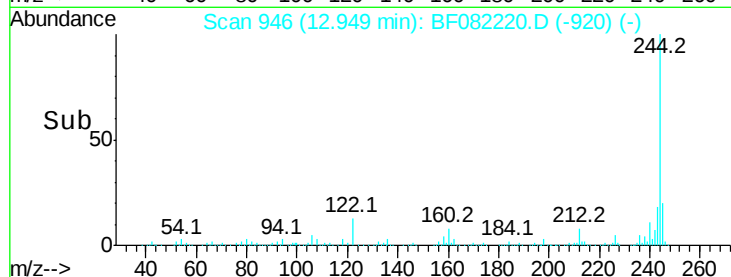
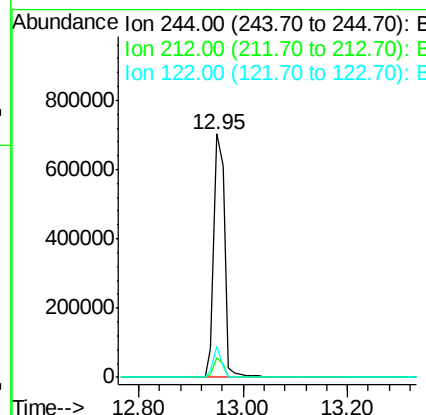
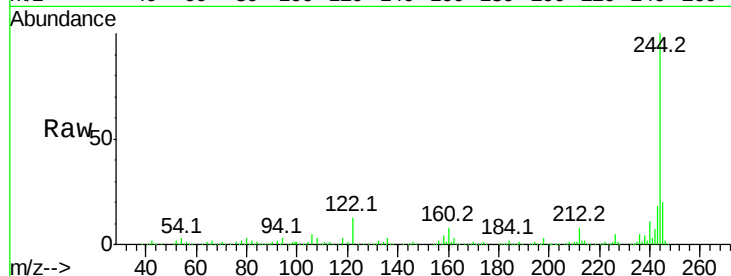
#78
 Terphenyl-d14
 Concen: 76.77 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082220.D
 Acq: 12 Oct 2015 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	13.0	5.9	8.9

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082220.D
 Acq: 12 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.2	17.3	25.9

