

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082484.D
 Acq On : 24 Oct 2015 00:14
 Operator : UM/IZ
 Sample : G4140-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-GW

Manual Integrations
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 10/26/2015 7:22:23 PM

Quant Time: Oct 26 14:20:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100583m	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	405891	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	191950	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	373296	20.00	ng	0.00
75) Chrysene-d12	13.96	240	296514	20.00	ng	0.00
86) Perylene-d12	15.44	264	222010	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	68117	13.67	ng	0.00
7) Phenol-d6	6.40	99	67588	10.42	ng	-0.01
23) Nitrobenzene-d5	7.33	82	325132	53.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	42943	23.86	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	594457	51.36	ng	-0.01
78) Terphenyl-d14	12.88	244	584000	52.19	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.42	94	16617	2.22	ng	96
31) Naphthalene	8.07	128	142752	8.11	ng	99
37) 2-Methylnaphthalene	8.75	142	29408	2.41	ng	# 91
49) Dimethylphthalate	9.52	163	170003	12.58	ng	100
59) Diethylphthalate	10.22	149	30865	2.45	ng	# 92
70) Phenanthrene	11.31	178	47522	2.60	ng	# 95
74) Fluoranthene	12.50	202	39757	2.02	ng	95
77) Pyrene	12.73	202	44732	2.54	ng	97

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

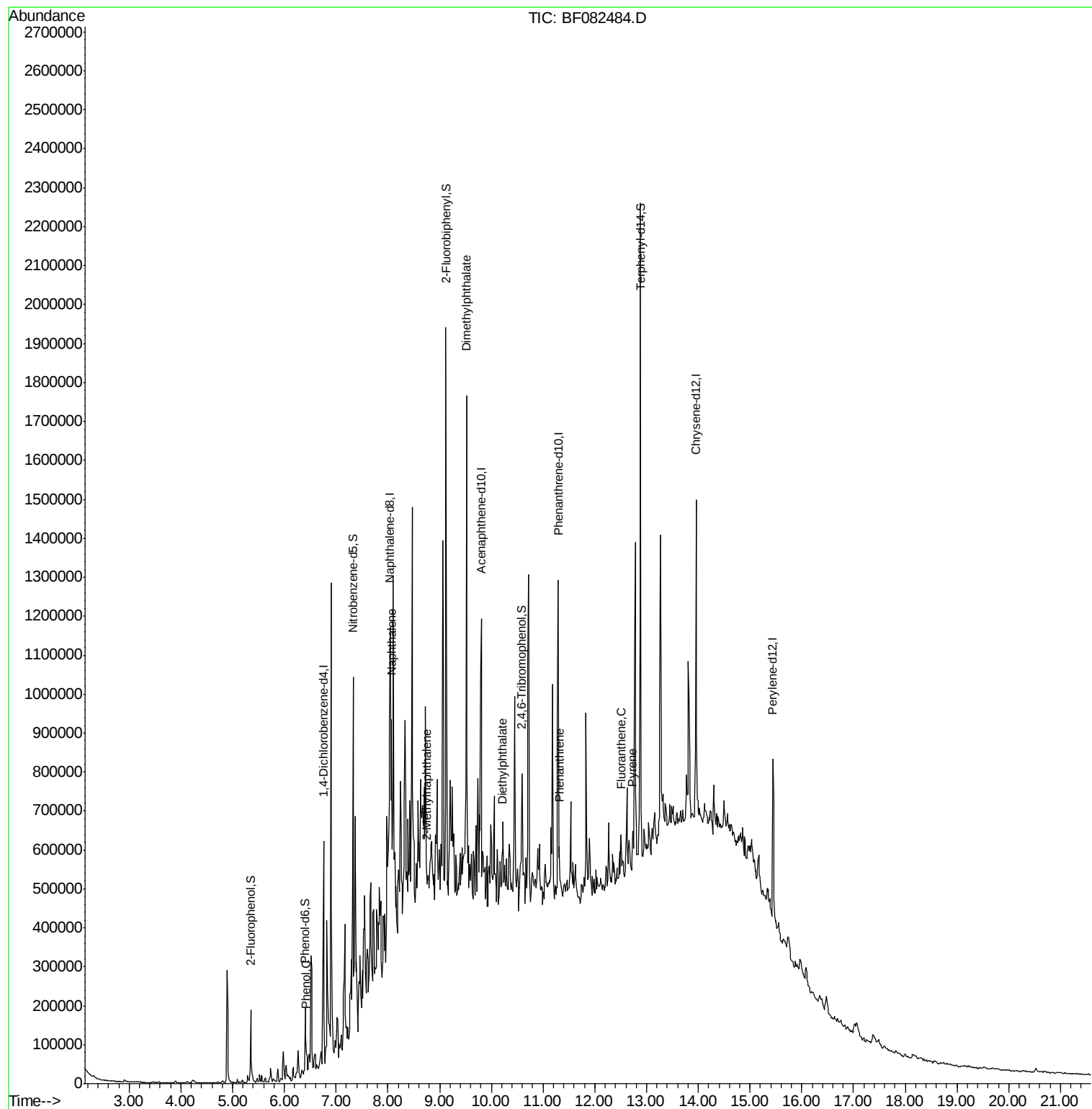
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
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Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

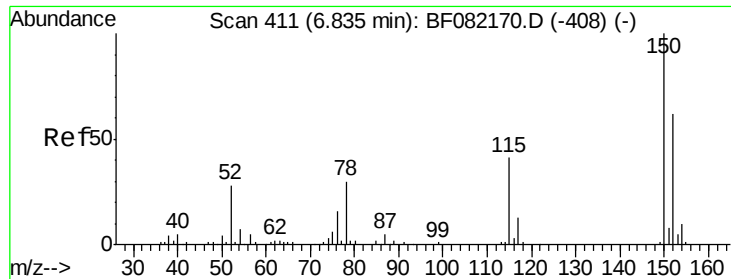
Instrument :
BNA_F
ClientSampleId :
SB15-45-GW

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Quant Time: Oct 26 14:20:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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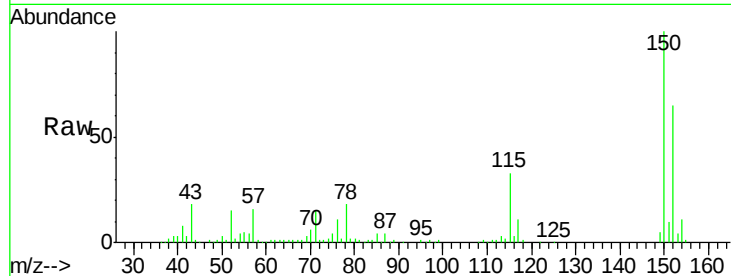




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082484.D
 Acq: 24 Oct 2015 00:14

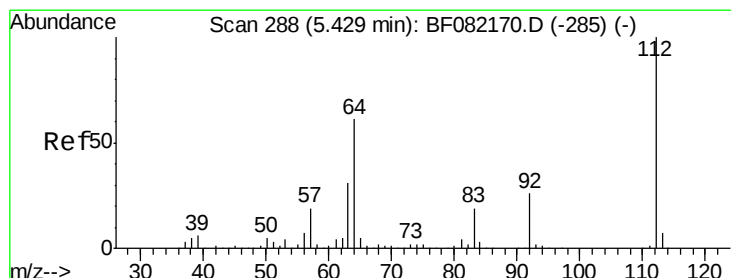
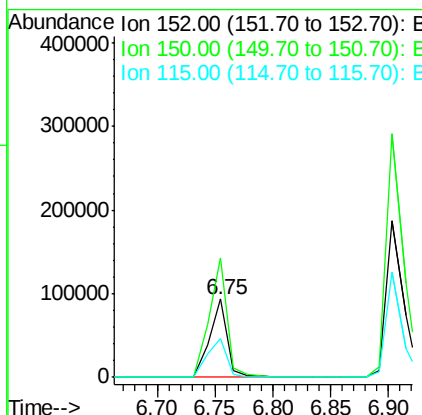
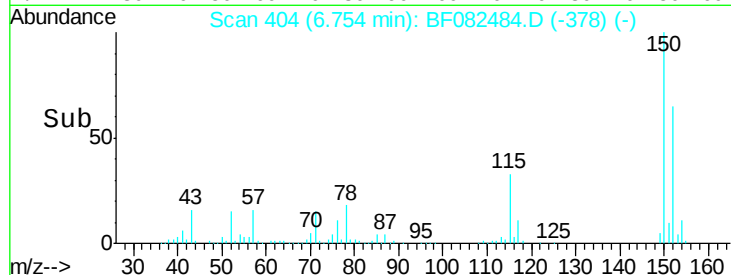
Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-GW



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	129.0	193.4
115	50.0	52.1	78.1#

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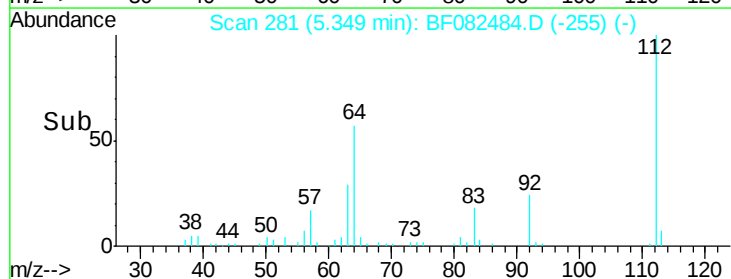
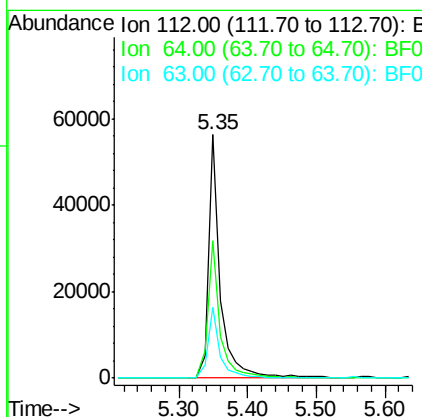
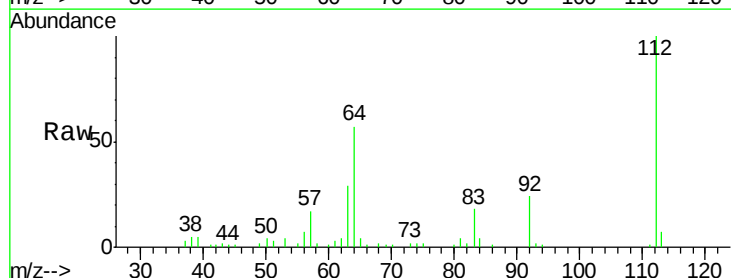
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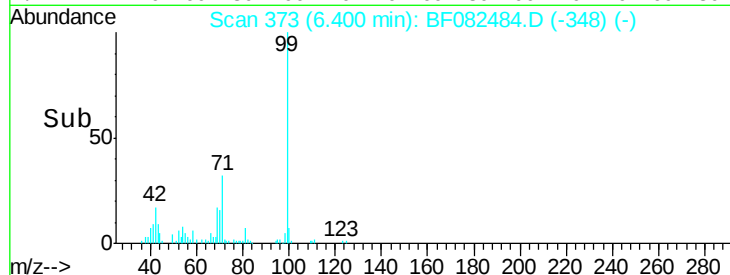
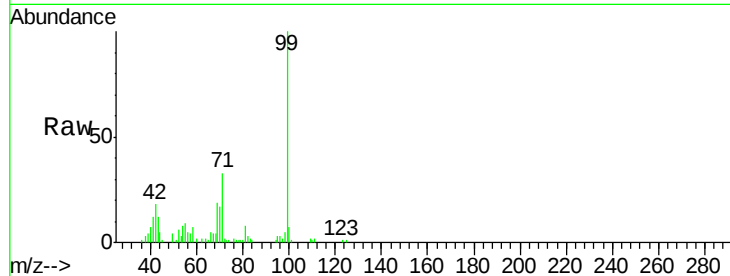
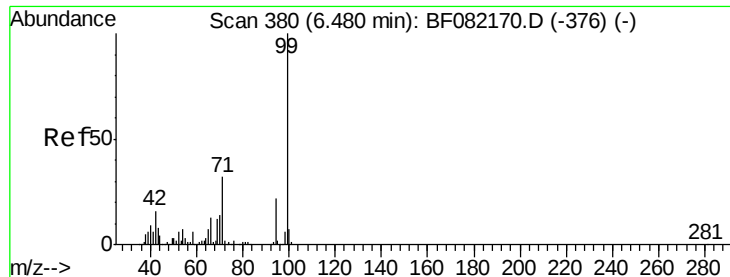


#5

2-Fluorophenol
 Concen: 13.67 ng
 RT: 5.35 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: BF082484.D
 Acq: 24 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	48.6	73.0
63	29.0	25.1	37.7





#7

Phenol-d6

Concen: 10.42 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Tgt Ion:	99	Resp:	67588
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.2	19.8
71	32.8	25.6	38.4

Instrument :

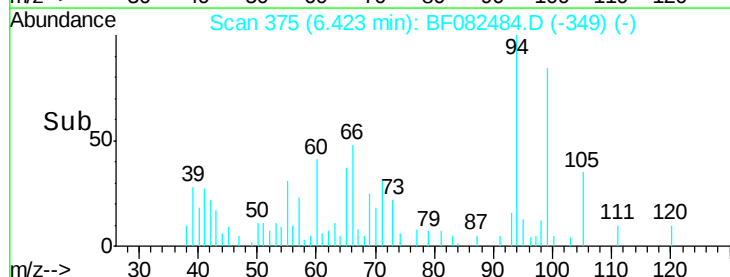
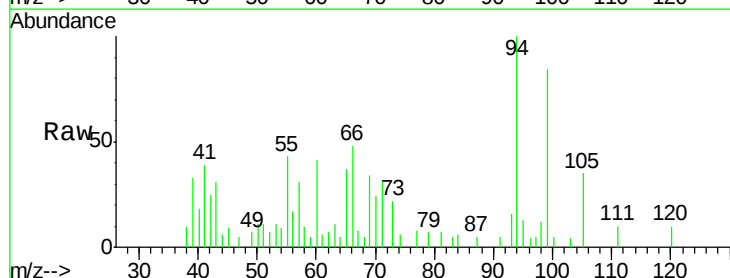
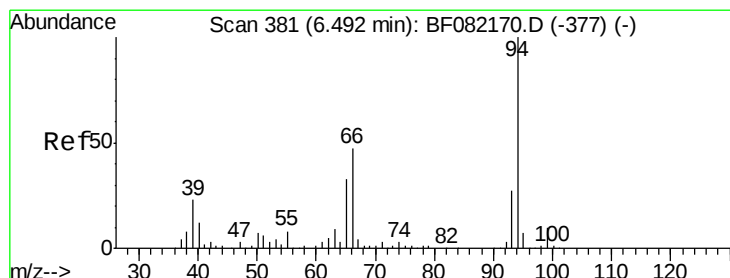
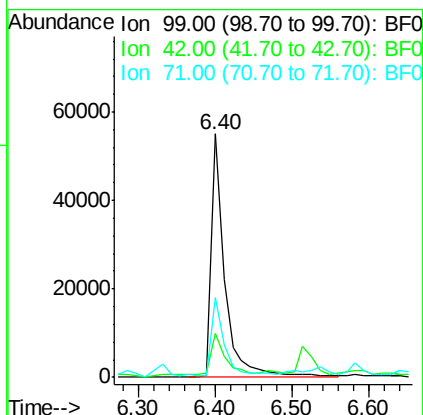
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.22 ng

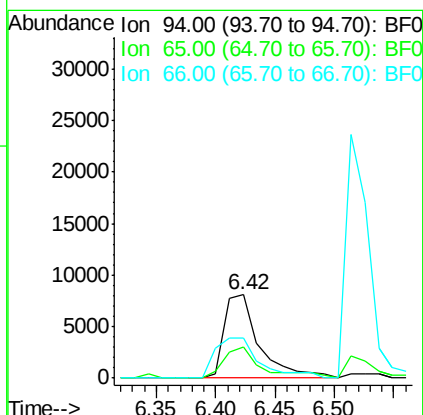
RT: 6.42 min Scan# 375

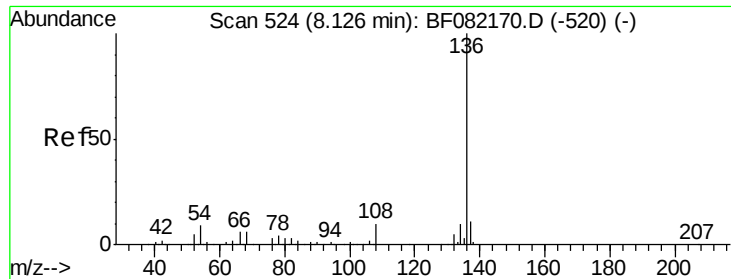
Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

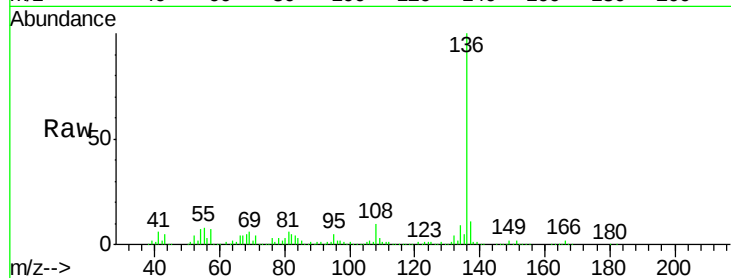
Tgt Ion:	94	Resp:	16617
Ion	Ratio	Lower	Upper
94	100		
65	36.8	12.6	52.6
66	47.8	27.3	67.3





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

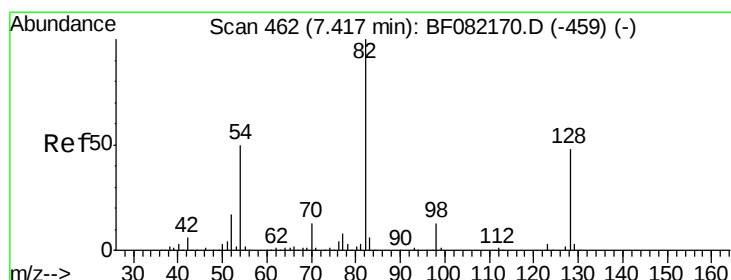
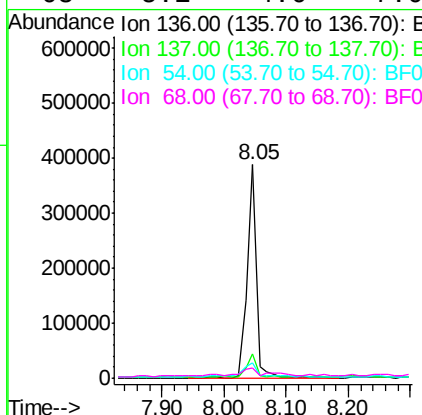
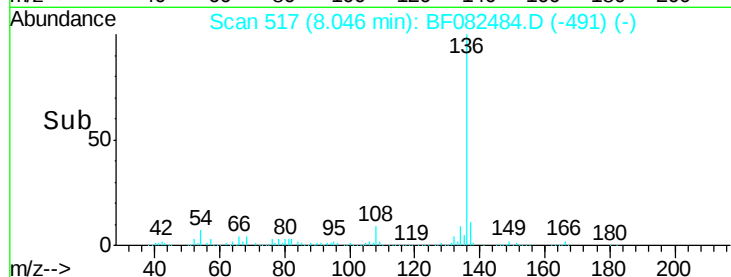
Instrument :
BNA_F
ClientSampleId :
SB15-45-GW



Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	7.2	7.5	11.3	
68	5.1	4.6	7.0	

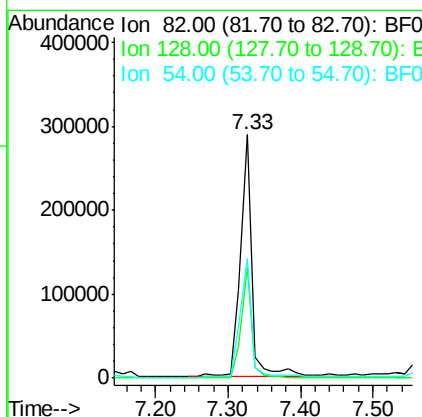
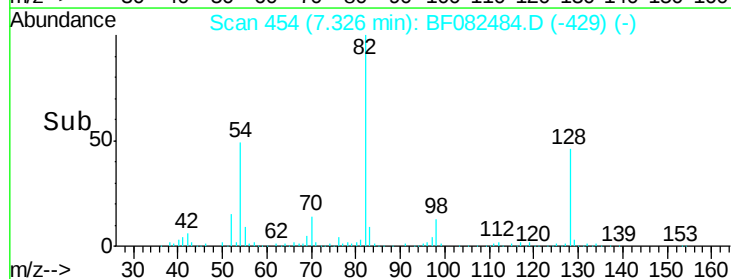
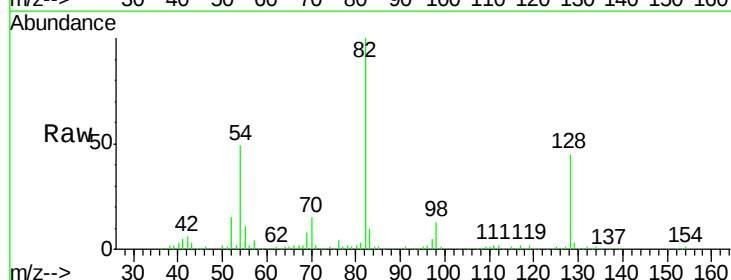
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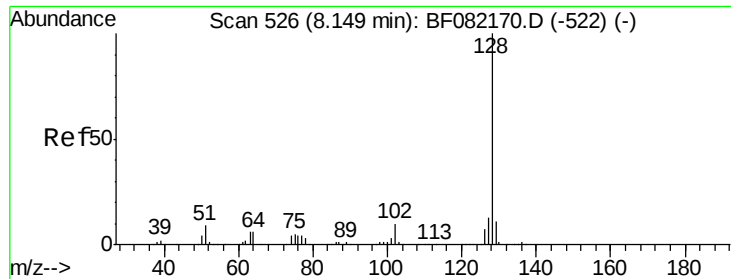
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#23
Nitrobenzene-d5
Concen: 53.79 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	38.7	58.1	
54	49.0	40.1	60.1	





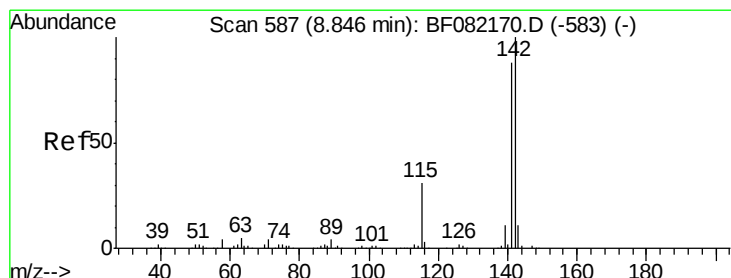
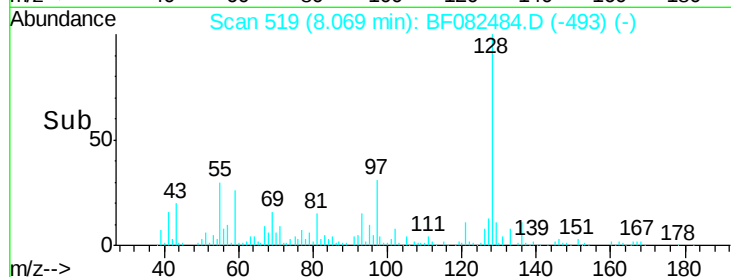
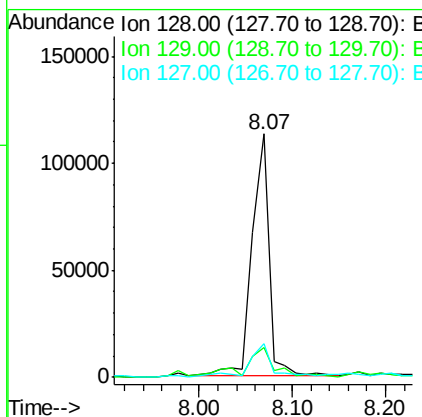
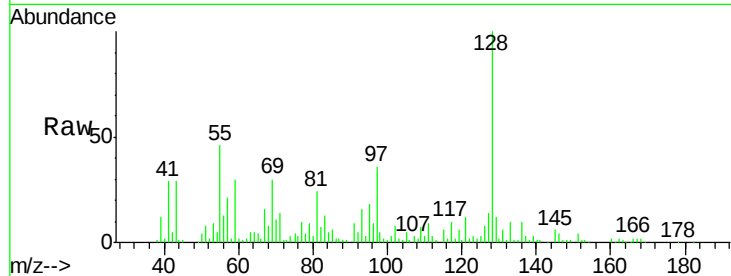
#31
Naphthalene
Concen: 8.11 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB15-45-GW

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	142752		
129	12.2	9.1	13.7	
127	13.7	10.7	16.1	

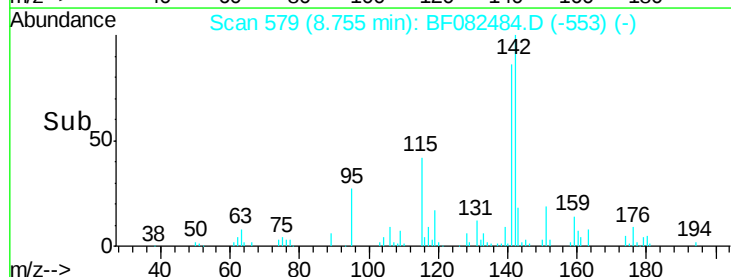
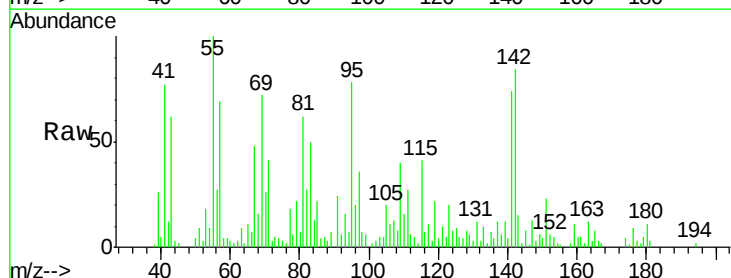
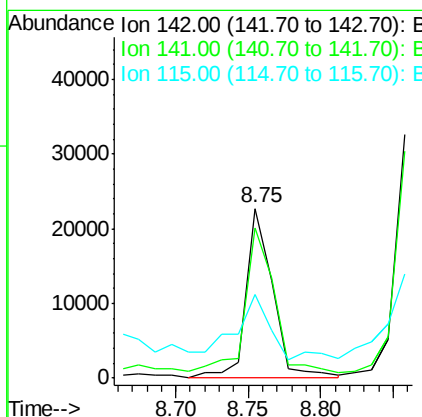
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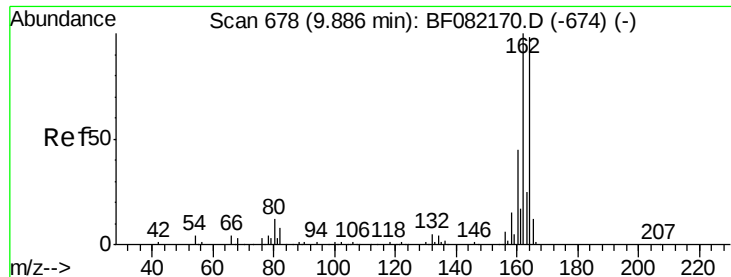
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#37
2-Methylnaphthalene
Concen: 2.41 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	29408		
141	88.7	70.4	105.6	
115	49.0	24.6	37.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Instrument :

BNA_F

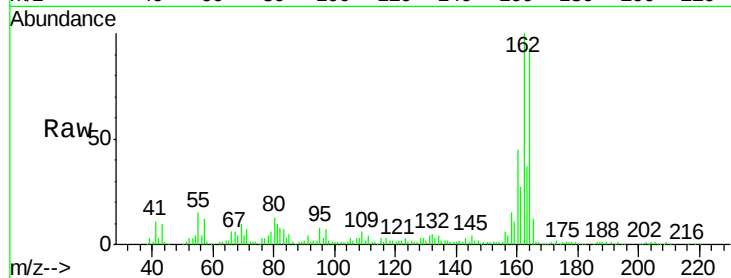
ClientSampleId :

SB15-45-GW

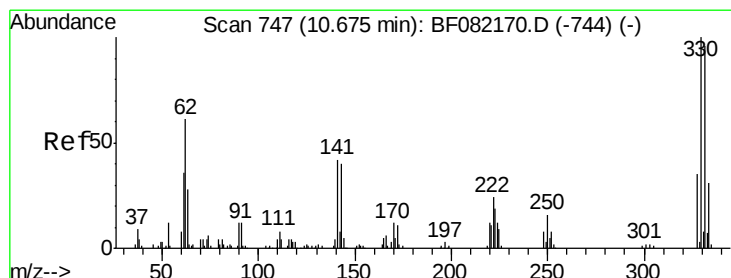
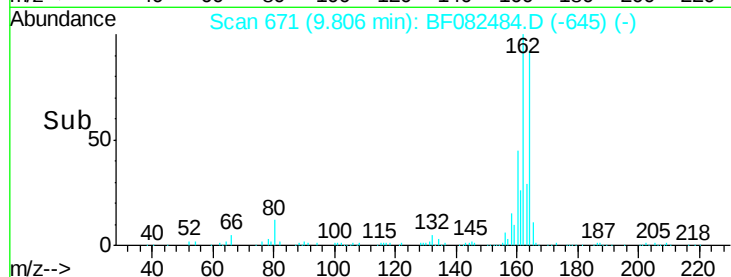
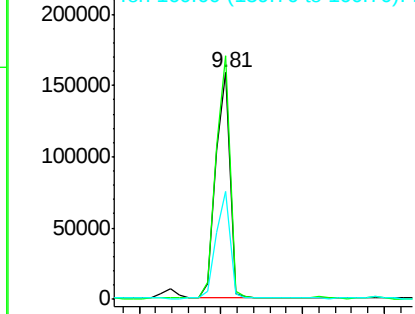
Tgt Ion:	164	Resp:	191950
Ion Ratio	Lower	Upper	
164	100		
162	107.5	81.6	122.4
160	47.8	36.4	54.6

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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: 23.86 ng

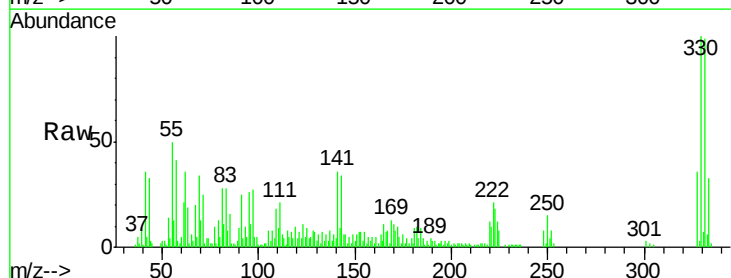
RT: 10.59 min Scan# 740

Delta R.T. 0.00 min

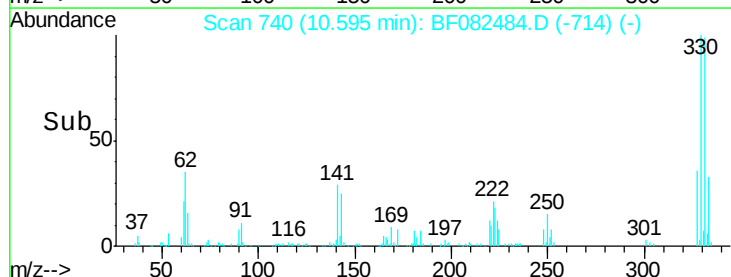
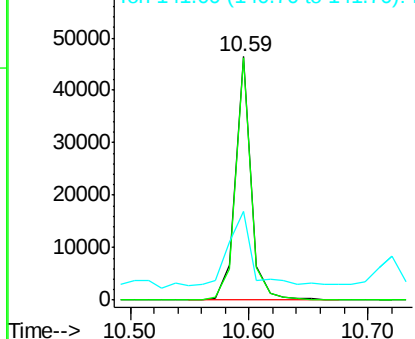
Lab File: BF082484.D

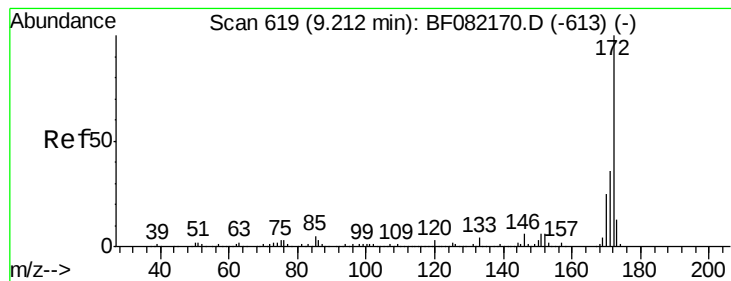
Acq: 24 Oct 2015 00:14

Tgt Ion:	330	Resp:	42943
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.1	115.7
141	43.2	29.8	44.8



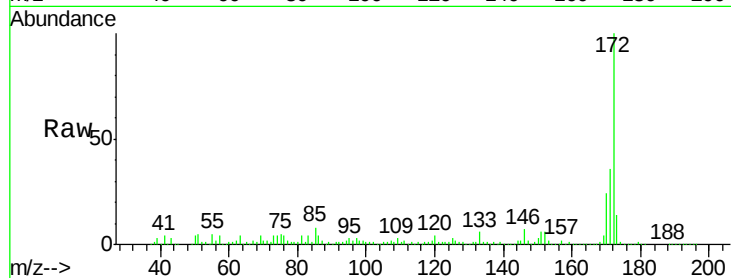
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
 2-Fluorobiphenyl
 Concen: 51.36 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082484.D
 Acq: 24 Oct 2015 00:14

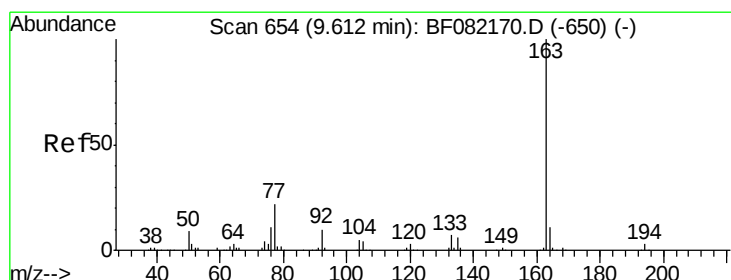
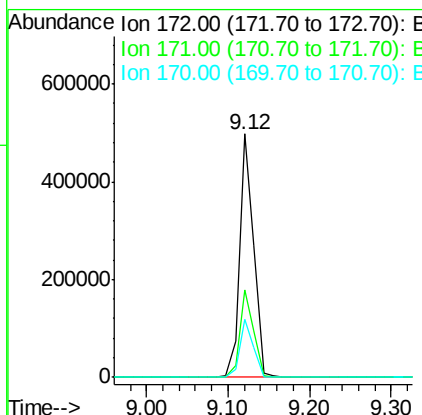
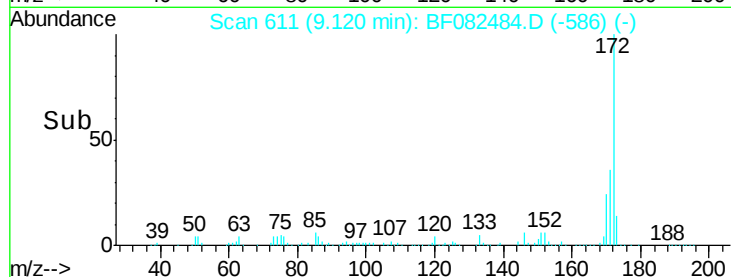
Instrument :
 BNA_F
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 SB15-45-GW



Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.8	19.7	29.5

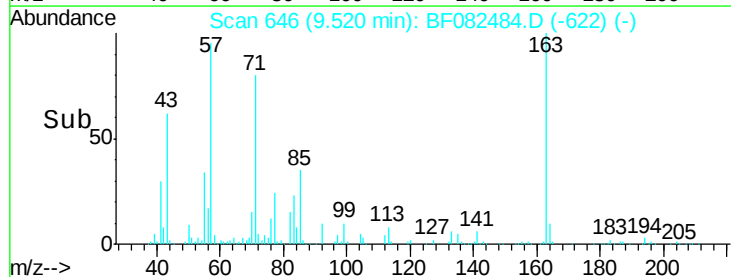
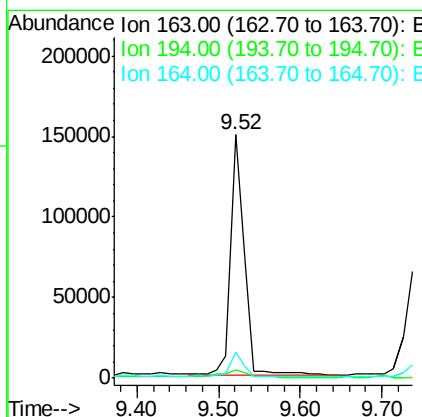
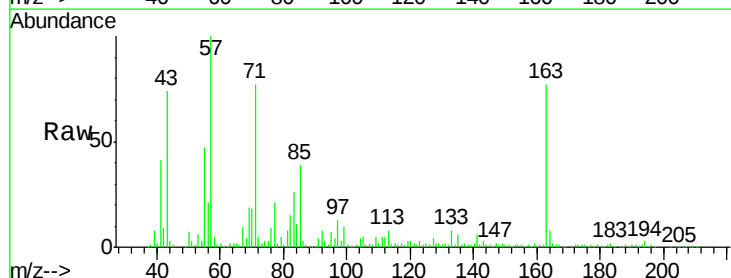
Manual Integrations
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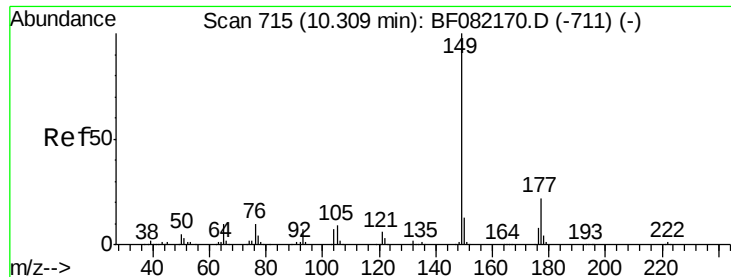
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#49
 Dimethylphthalate
 Concen: 12.58 ng
 RT: 9.52 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF082484.D
 Acq: 24 Oct 2015 00:14

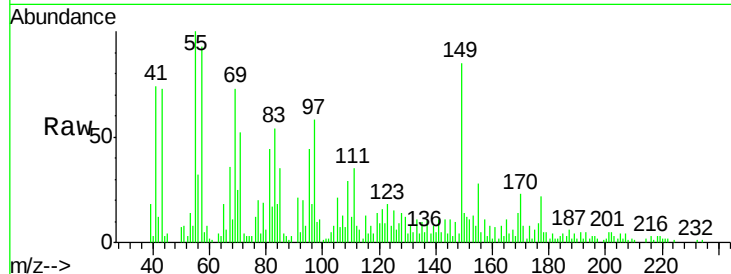
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.5	12.7





#59
Diethylphthalate
Concen: 2.45 ng
RT: 10.22 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

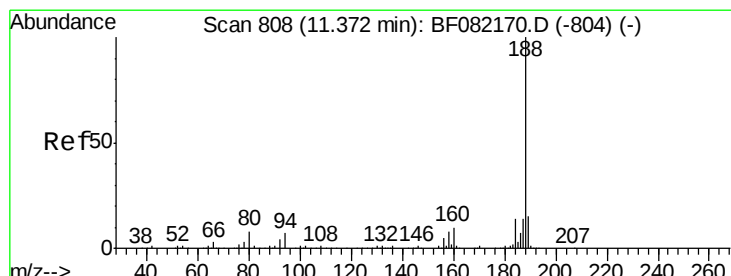
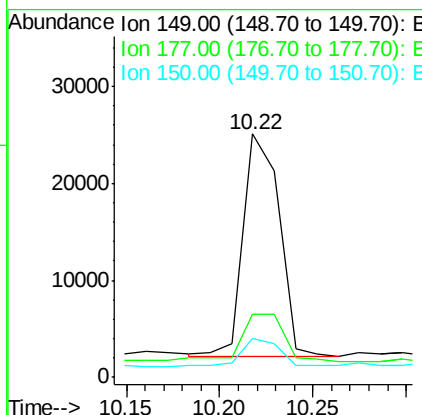
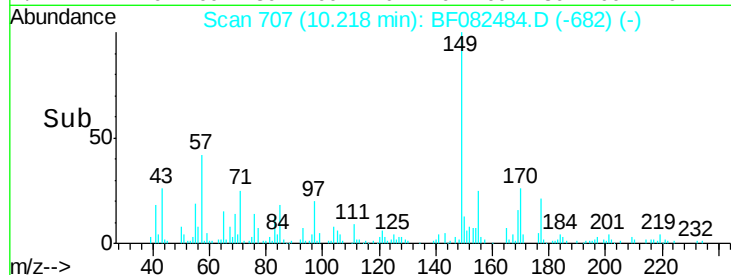
Instrument :
BNA_F
ClientSampleId :
SB15-45-GW



Tgt Ion:149 Resp: 30865
Ion Ratio Lower Upper
149 100
177 26.0 17.6 26.4
150 16.2 10.3 15.5#

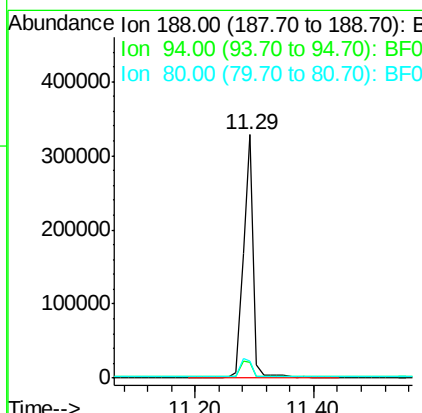
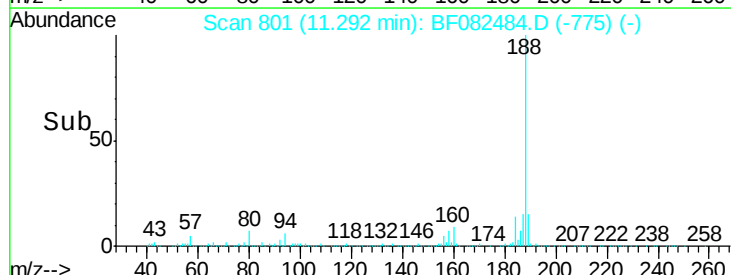
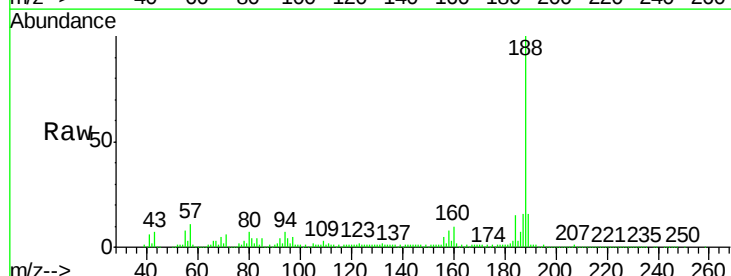
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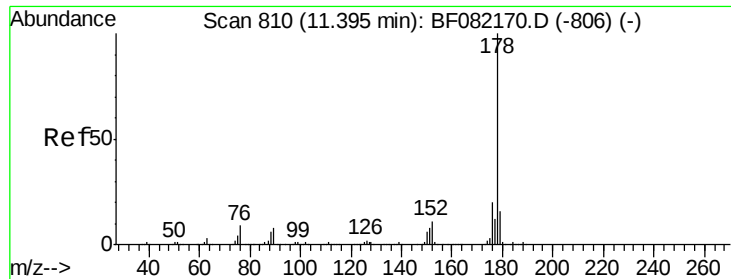
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082484.D
Acq: 24 Oct 2015 00:14

Tgt Ion:188 Resp: 373296
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.6
80 7.1 6.4 9.6





#70

Phenanthrene

Concen: 2.60 ng

RT: 11.31 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Instrument :

BNA_F

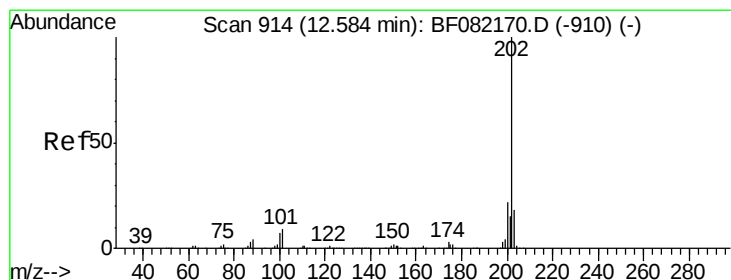
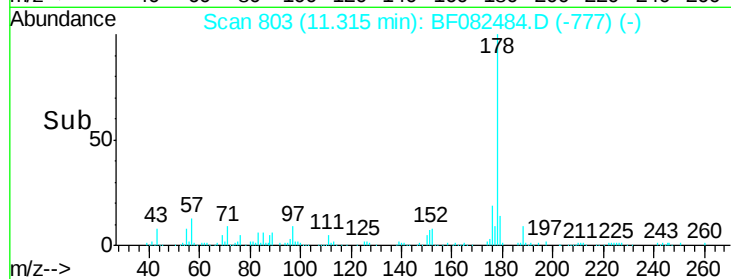
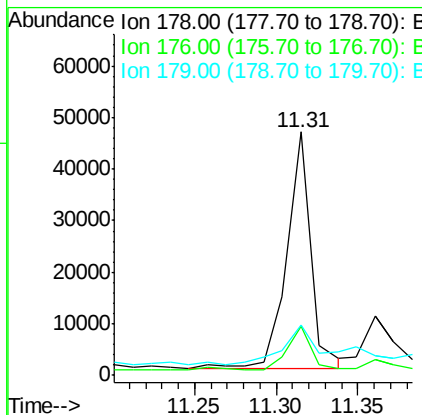
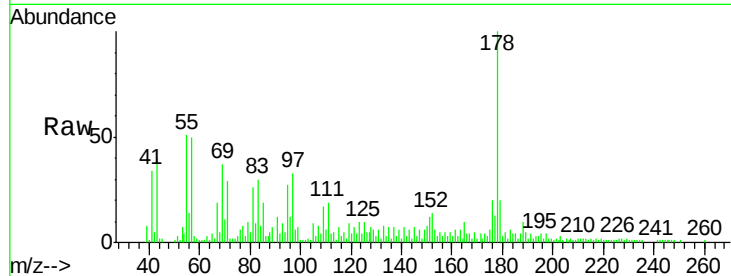
ClientSampleId :

SB15-45-GW

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	20.4	12.6	19.0



#74

Fluoranthene

Concen: 2.02 ng

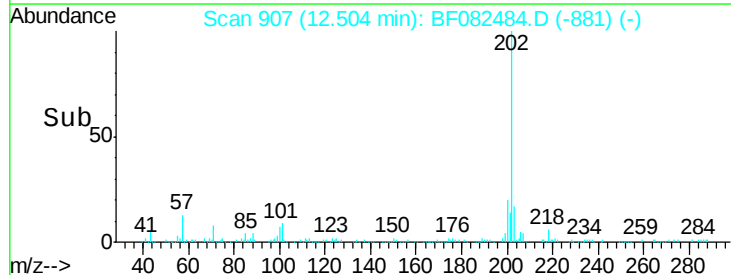
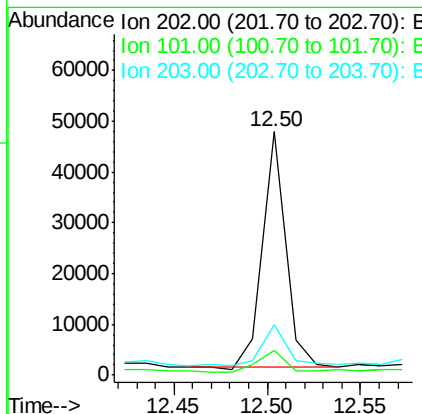
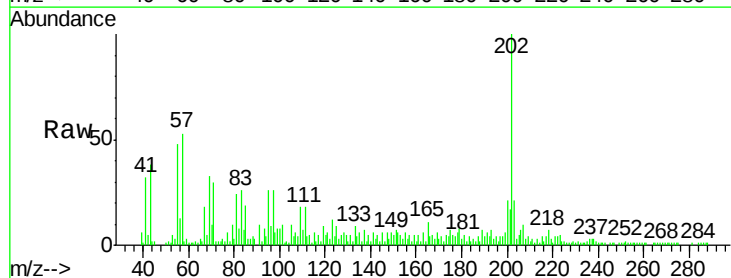
RT: 12.50 min Scan# 907

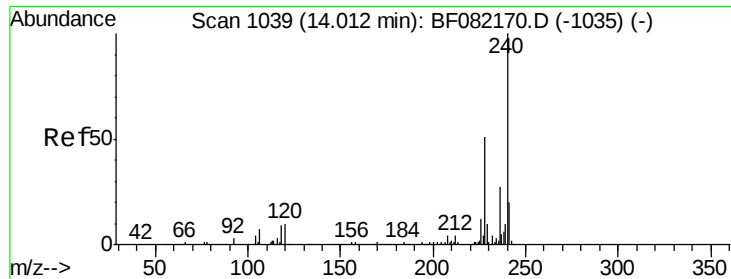
Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
203	20.8	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Instrument :

BNA_F

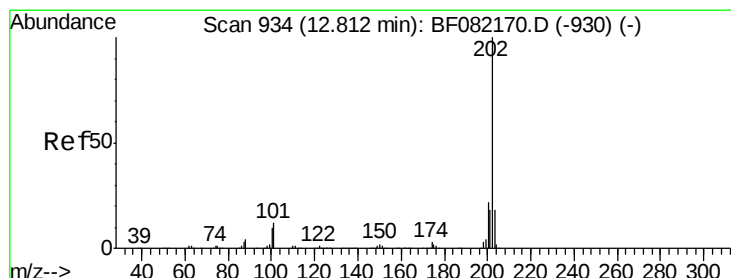
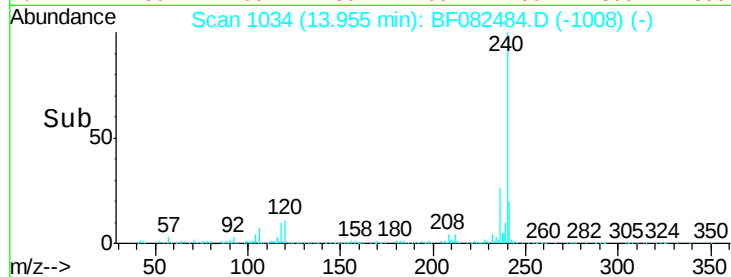
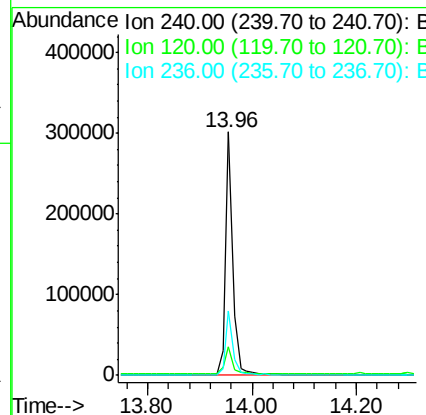
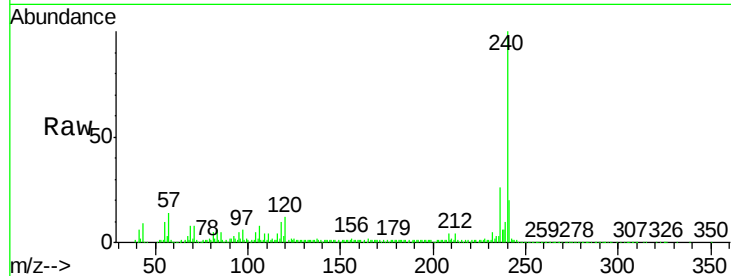
ClientSampleId :

SB15-45-GW

Tgt Ion:	240	Resp:	296514
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.1	12.1
236	26.3	21.3	31.9

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#77

Pyrene

Concen: 2.54 ng

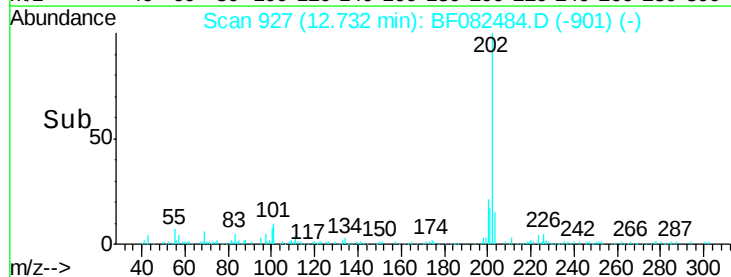
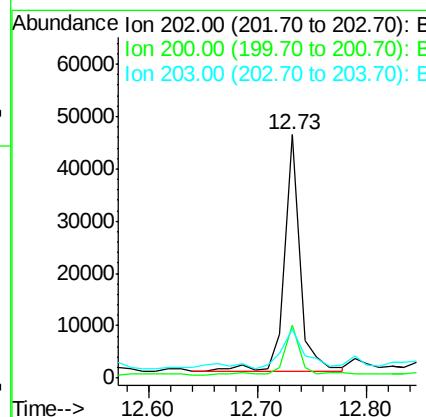
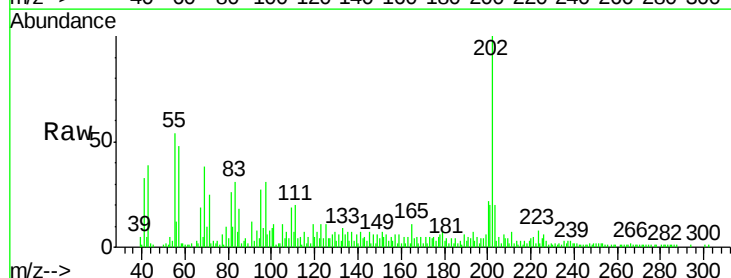
RT: 12.73 min Scan# 927

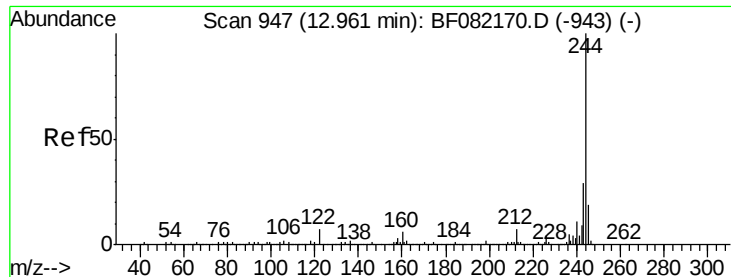
Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Tgt Ion:	202	Resp:	44732
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.9	26.9
203	20.2	14.5	21.7





#78

Terphenyl-d14

Concen: 52.19 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Instrument :

BNA_F

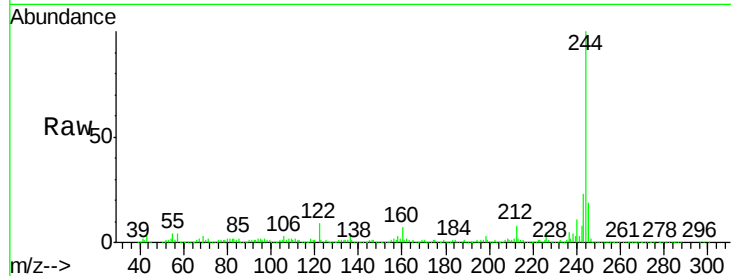
ClientSampleId :

SB15-45-GW

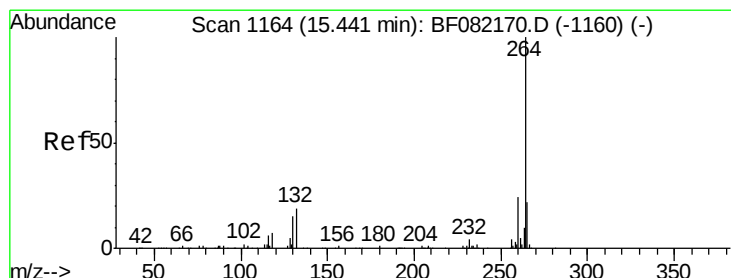
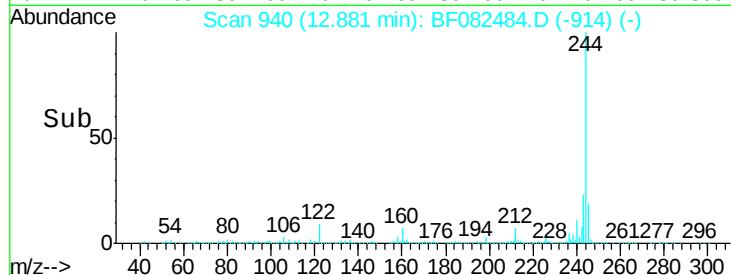
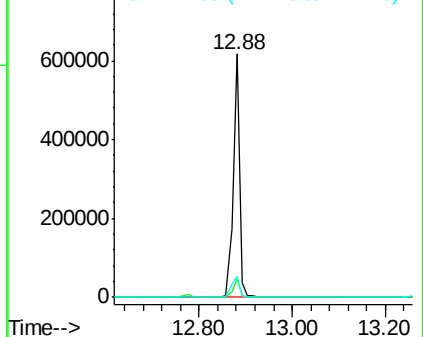
Tgt Ion:	244	Resp:	584000
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	8.8	5.9	8.9

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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

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. 0.02 min

Lab File: BF082484.D

Acq: 24 Oct 2015 00:14

Tgt Ion:	264	Resp:	222010
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.6
265	22.0	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

