

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080926.D
 Acq On : 7 Aug 2015 14:49
 Operator : TP/UM
 Sample : G3083-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8535

Manual Integrations
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 8/10/2015 7:18:44 PM

Quant Time: Aug 08 05:02:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50659	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	177483	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	94975	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204103	20.00	ng	0.00
75) Chrysene-d12	13.95	240	189384	20.00	ng	-0.01
86) Perylene-d12	15.36	264	156288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	291918	94.15	ng	0.01
7) Phenol-d6	6.43	99	259111	60.99	ng	-0.01
23) Nitrobenzene-d5	7.37	82	360484	96.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	168441	161.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	624667	92.59	ng	0.00
78) Terphenyl-d14	12.91	244	712566	77.72	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.59	128	177978	49.61	ng	99
10) Phenol	6.45	94	327489	64.97	ng	96
17) 2-Methylphenol	7.06	107	102571	33.49	ng	95
20) 3+4-Methylphenols	7.22	107	201811	52.46	ng	# 49
26) 2-Nitrophenol	7.72	139	283436	174.36	ng	# 75
27) 2,4-Dimethylphenol	7.74	122	144345	47.43	ng	93
29) 2,4-Dichlorophenol	7.95	162	80577	32.22	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	544205	178.33	ng	96
42) 2,4,6-Trichlorophenol	9.08	196	225373	105.03	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	157329m	72.76	ng	
53) 2,4-Dinitrophenol	9.90	184	108020	106.86	ng	93
55) 4-Nitrophenol	9.95	139	84935	56.47	ng	# 52
69) Pentachlorophenol	11.13	266	106383	76.12	ng	96
76) Benzidine	12.65	184	9405	3.01	ng	98

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

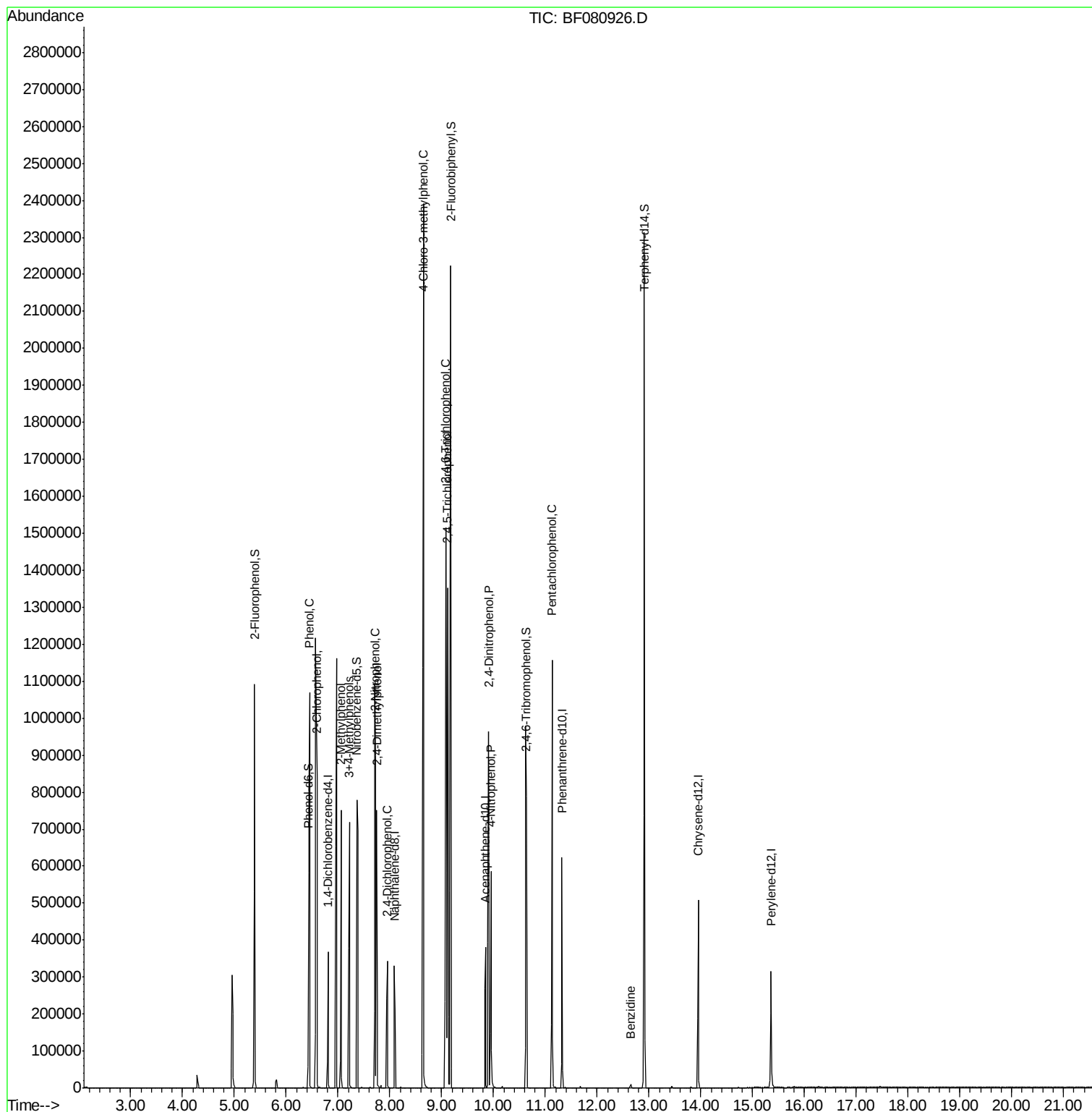
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080926.D
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ALS Vial : 11 Sample Multiplier: 1

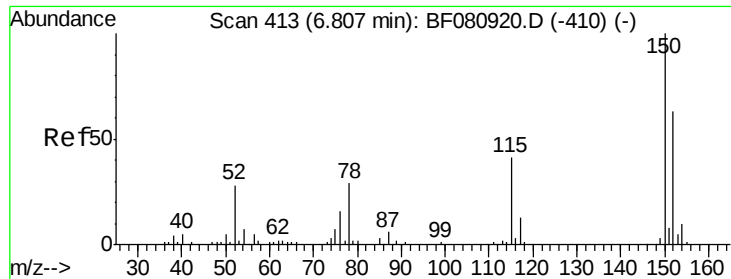
Instrument :
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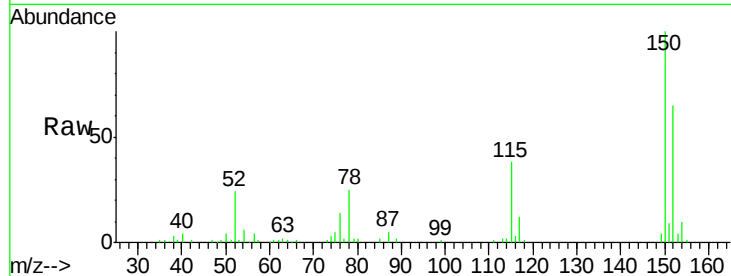




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080926.D
Acq: 7 Aug 2015 14:49

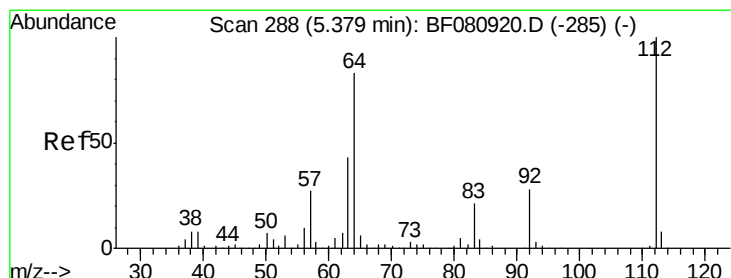
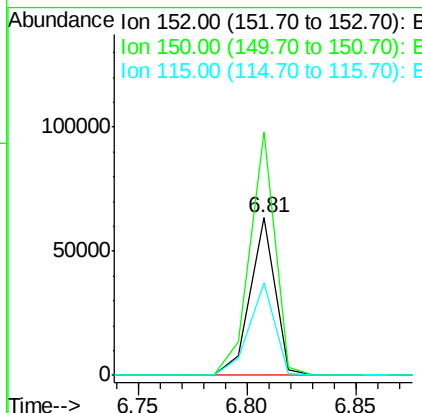
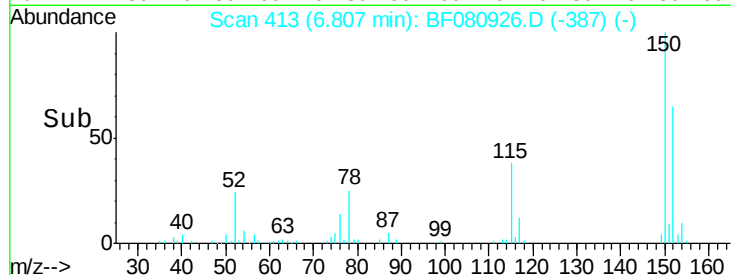
Instrument :
BNA_F
ClientSampled :
8535



Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.2
115	58.7	52.6	78.8

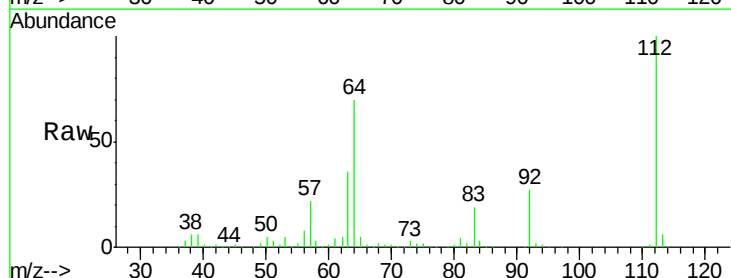
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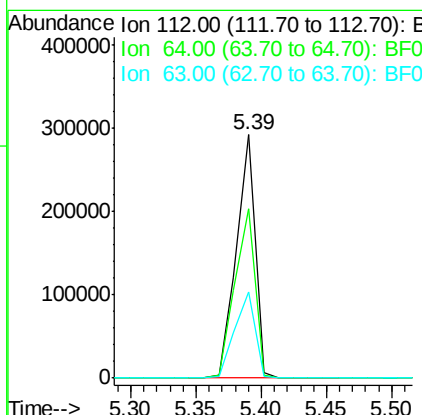
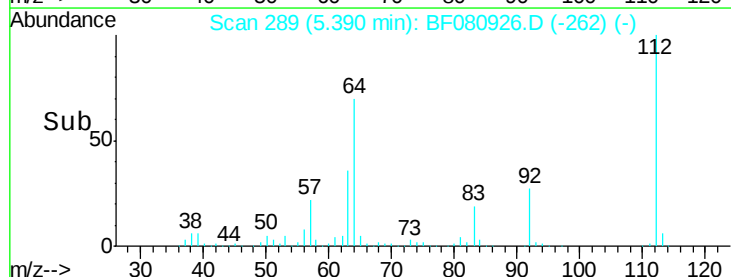


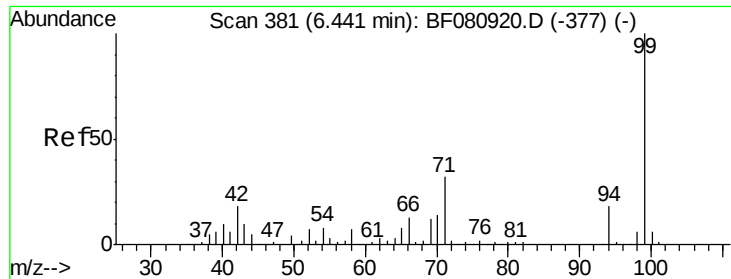
#5

2-Fluorophenol
Concen: 94.15 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080926.D
Acq: 7 Aug 2015 14:49



Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	66.1	99.1
63	35.6	34.6	52.0





#7

Phenol-d6

Concen: 60.99 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

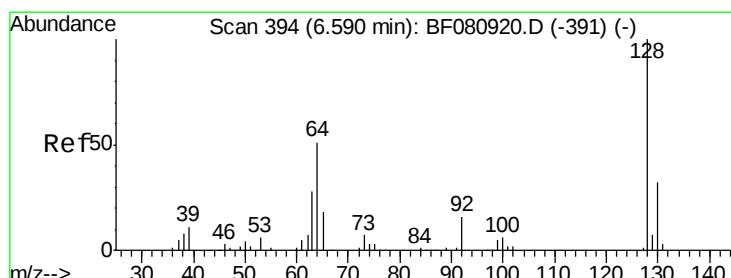
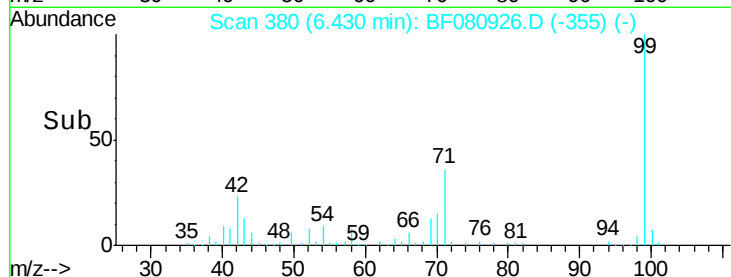
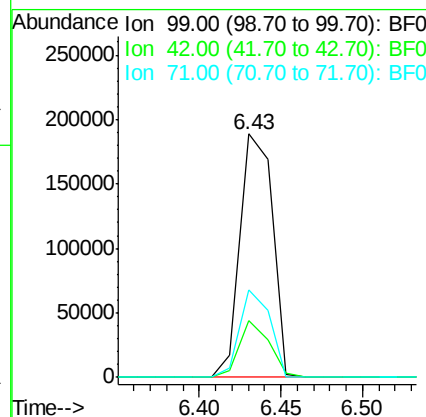
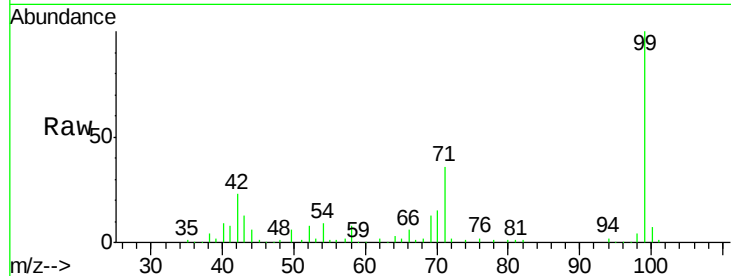
ClientSampled :

8535

Tot Ion:	99	Resp:	259111
Ion Ratio	Lower	Upper	
99	100		
42	23.3	14.4	21.6#
71	36.1	25.8	38.8

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#8

2-Chlorophenol

Concen: 49.61 ng

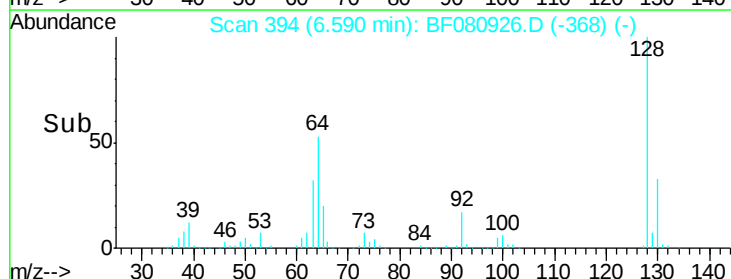
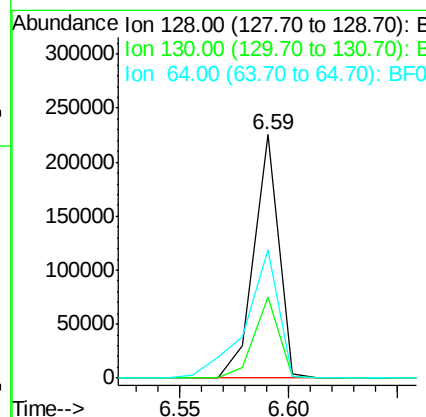
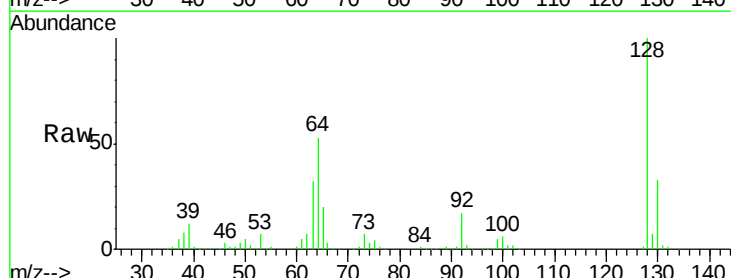
RT: 6.59 min Scan# 394

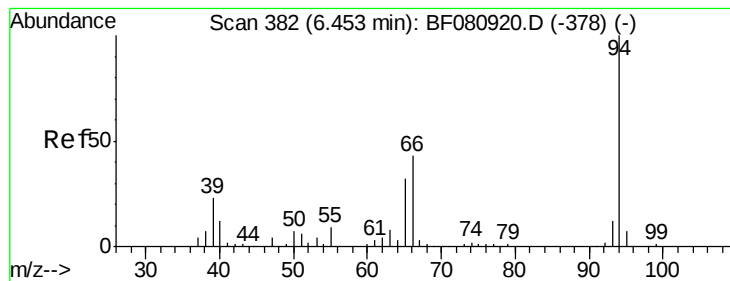
Delta R.T. 0.00 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Tgt Ion:	128	Resp:	177978
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.4	52.4
64	52.9	32.1	72.1





#10

Phenol

Concen: 64.97 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

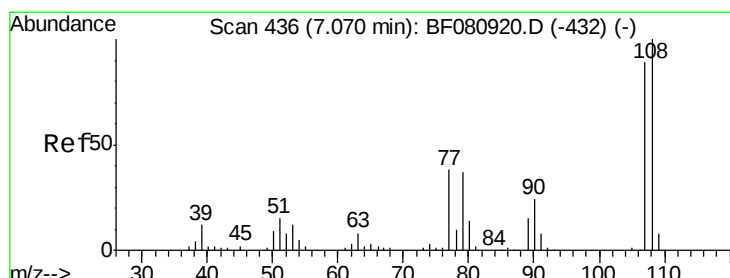
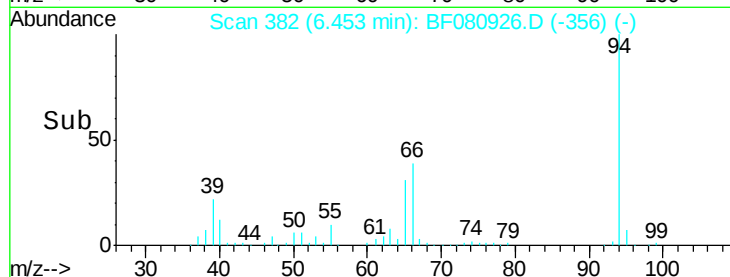
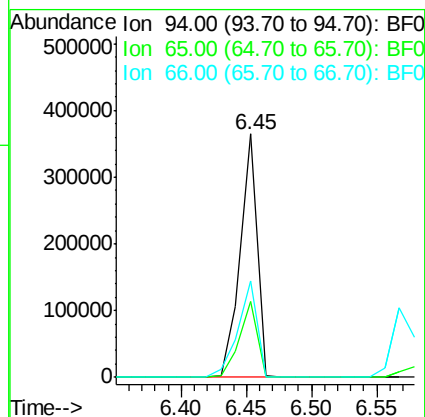
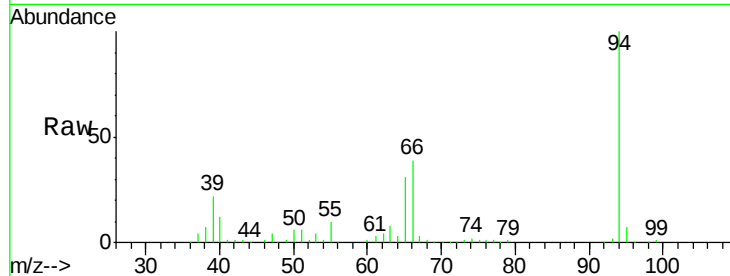
ClientSampleId :

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Tot Ion:	94	Resp:	327489
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.8	51.8
66	39.4	22.9	62.9



#17

2-Methylphenol

Concen: 33.49 ng

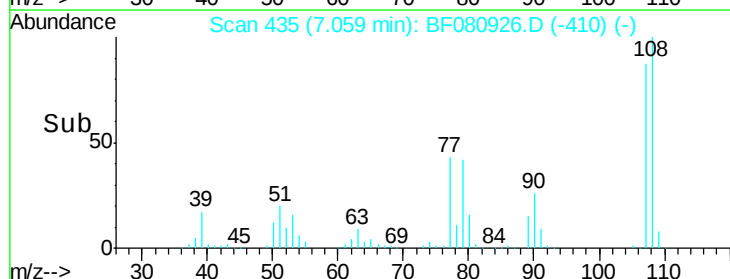
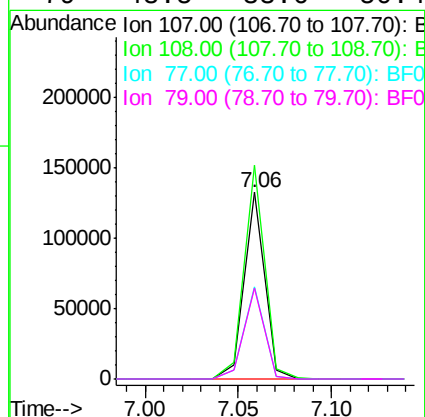
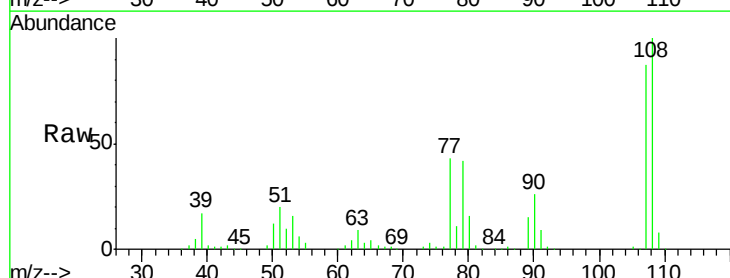
RT: 7.06 min Scan# 435

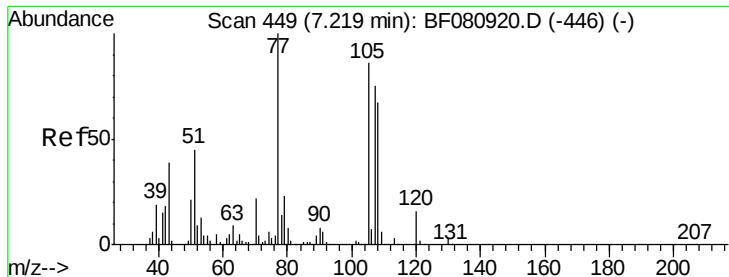
Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Tgt Ion:	107	Resp:	102571
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	49.7	34.6	51.8
79	48.5	33.6	50.4





#20

3+4-Methylphenols

Concen: 52.46 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

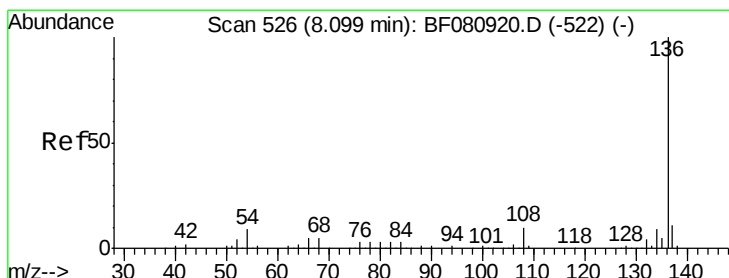
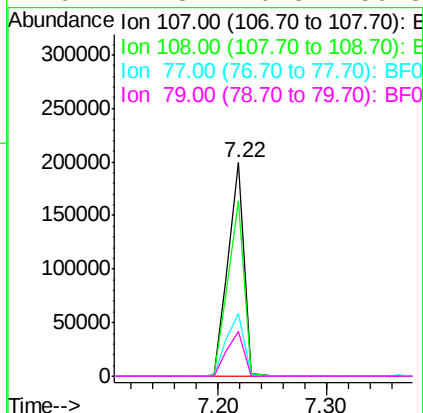
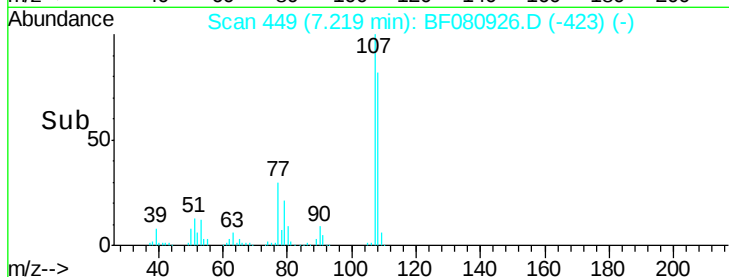
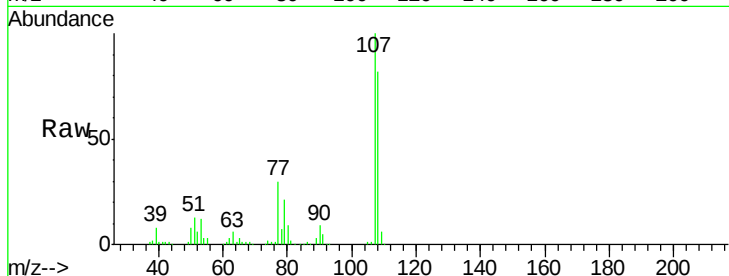
ClientSampleId :

8535

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	201811		
108	108	82.4	69.2	109.2	
77	77	29.6	113.0	153.0	#
79	79	21.3	10.3	50.3	



#21

Naphthalene-d8

Concen: 20.00 ng

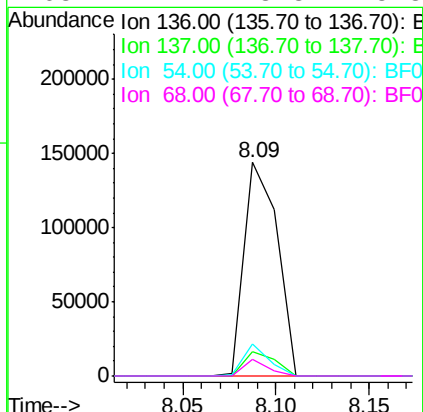
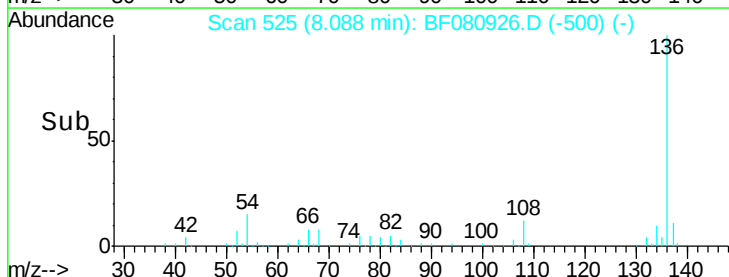
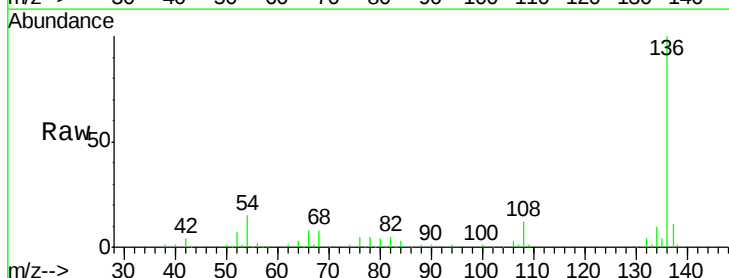
RT: 8.09 min Scan# 525

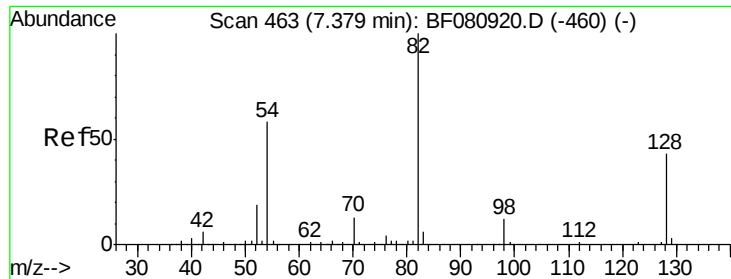
Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	177483		
137	137	11.1	8.5	12.7	
54	54	15.1	7.1	10.7	#
68	68	7.7	3.8	5.8	#





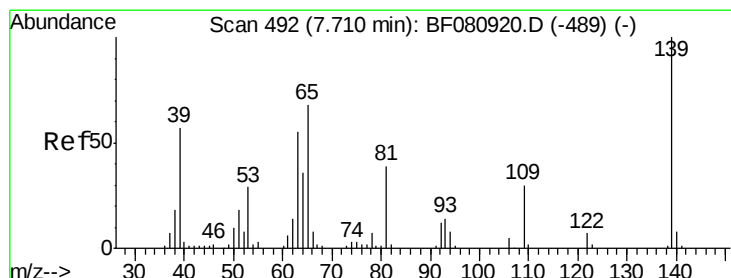
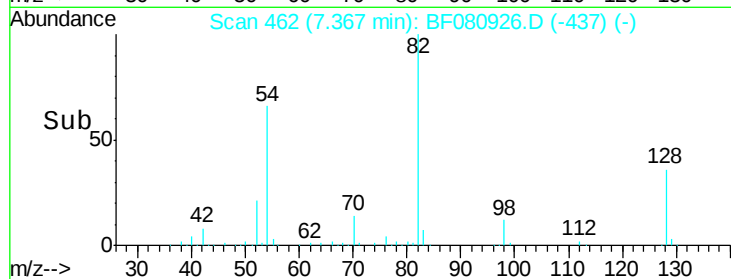
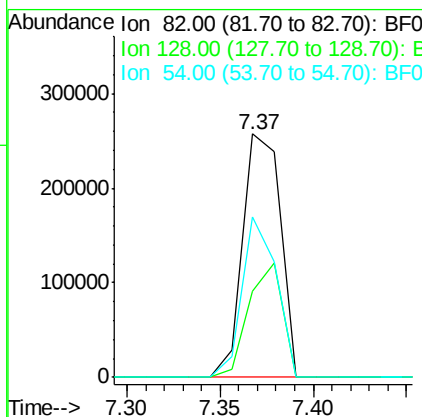
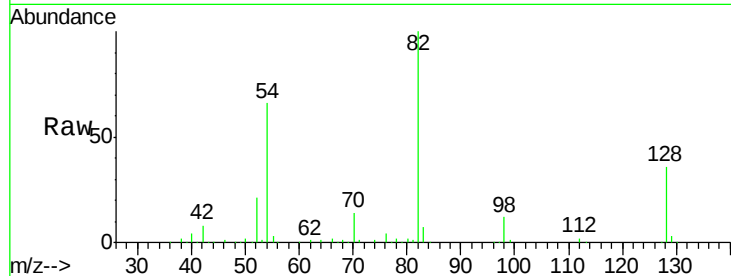
#23
 Nitrobenzene-d5
 Concen: 96.07 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.6	34.1	51.1	
54	66.1	46.5	69.7	

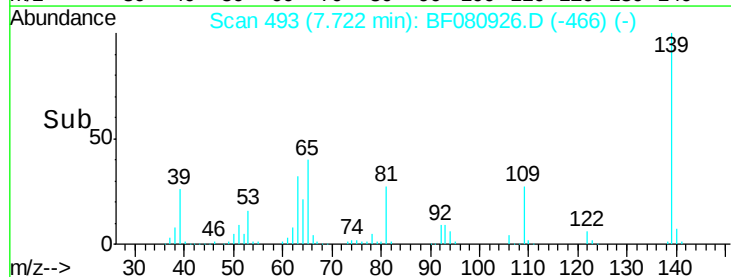
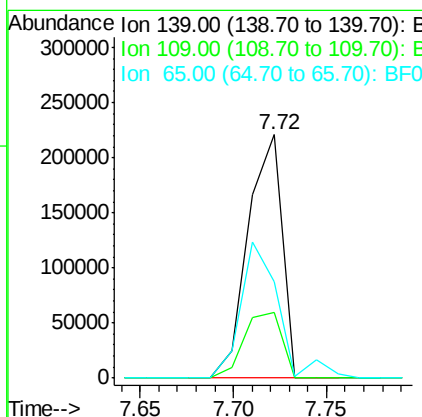
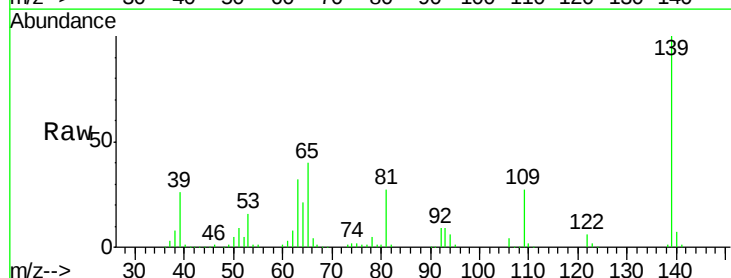
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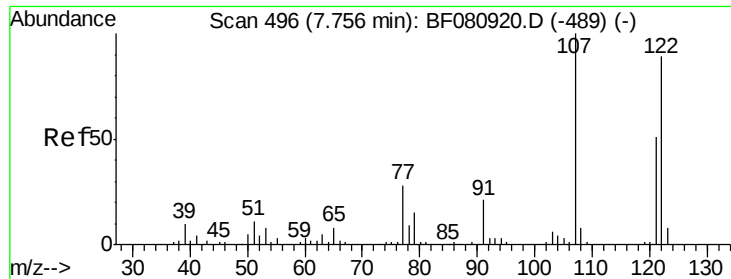
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#26
 2-Nitrophenol
 Concen: 174.36 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.2	24.1	36.1	
65	39.8	54.0	81.0	





#27

2,4-Dimethylphenol

Concen: 47.43 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

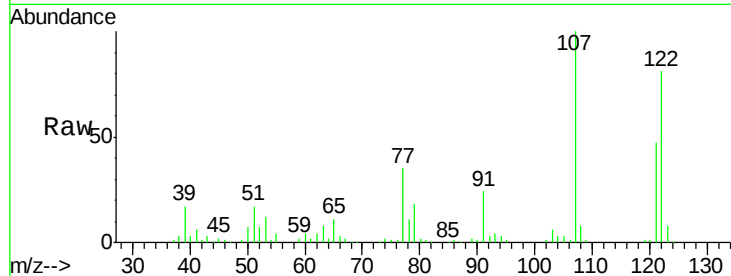
ClientSampleId :

8535

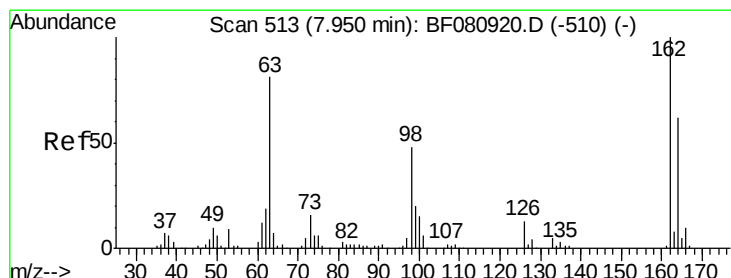
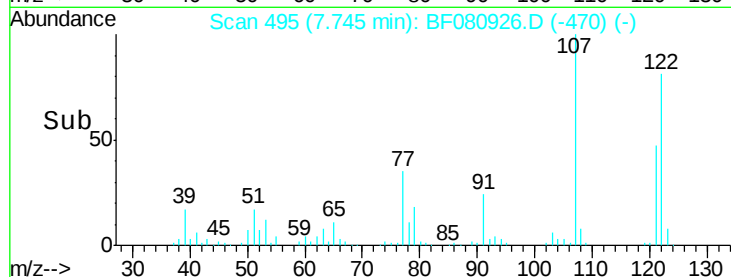
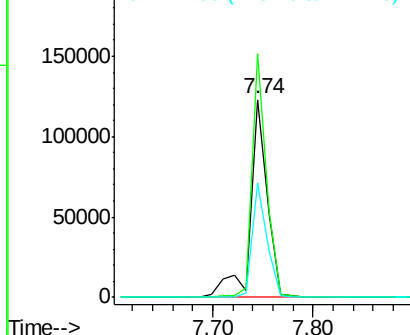
Manual Integrations
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Tot Ion:	122	Resp:	144345
Ion Ratio	Lower	Upper	
122	100		
107	123.1	90.2	135.4
121	57.9	46.0	69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#29

2,4-Dichlorophenol

Concen: 32.22 ng

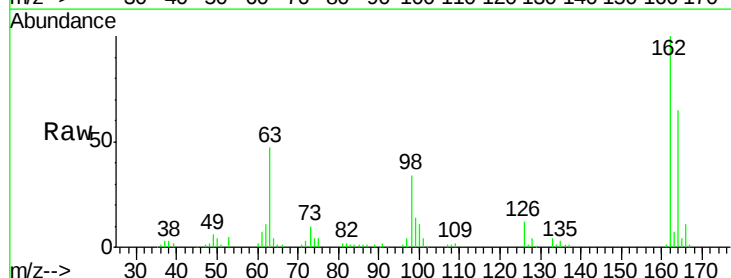
RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

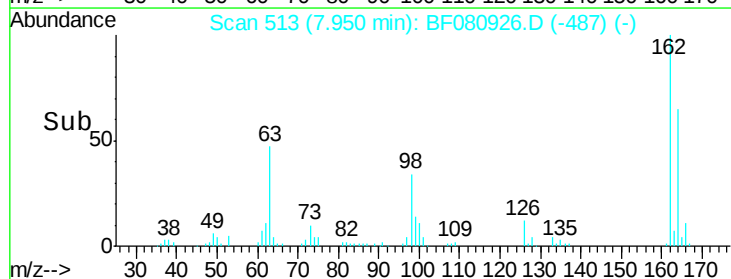
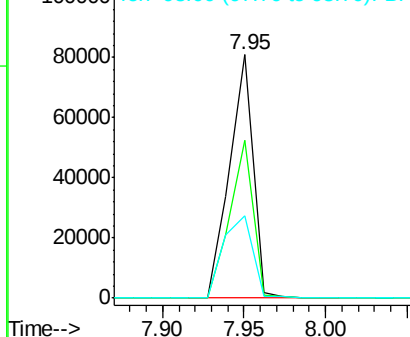
Lab File: BF080926.D

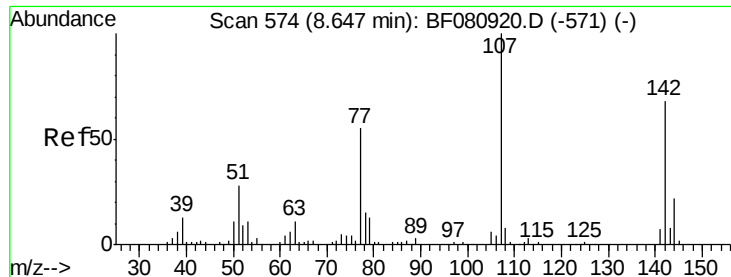
Acq: 7 Aug 2015 14:49

Tgt Ion:	162	Resp:	80577
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.3	82.3
98	33.7	27.7	67.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0





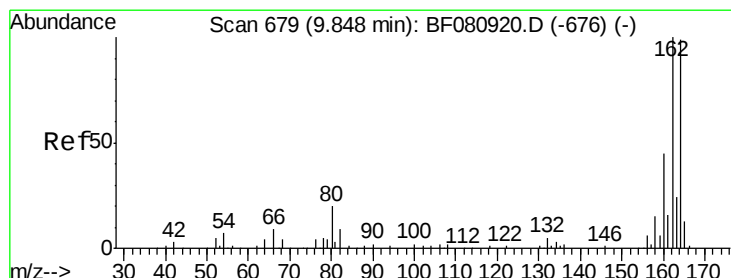
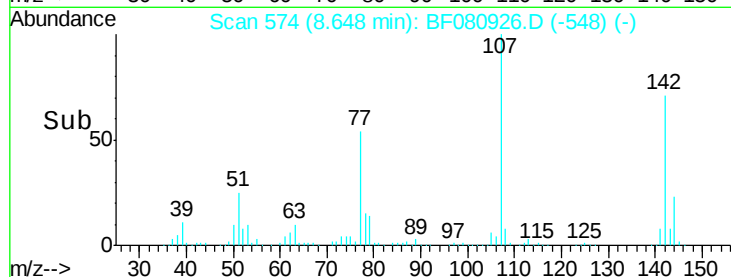
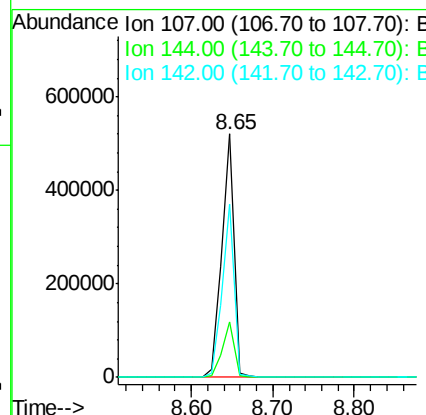
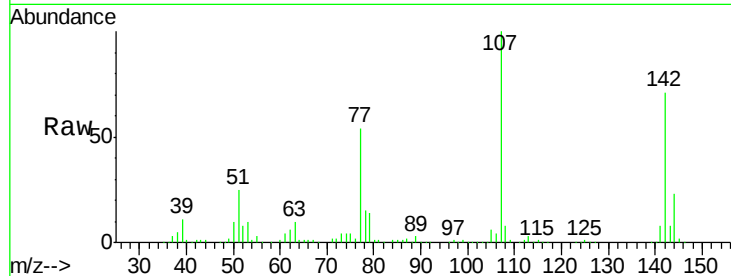
#36
 4-Chloro-3-methylphenol
 Concen: 178.33 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Instrument :
 BNA_F
 ClientSampled :
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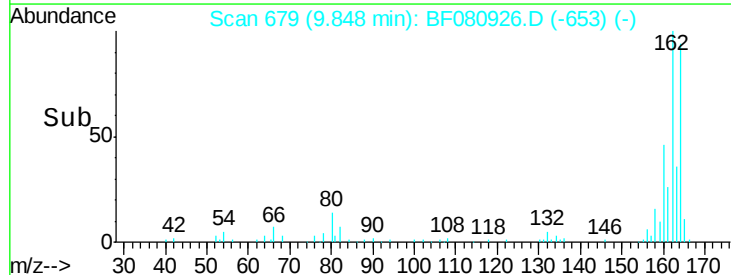
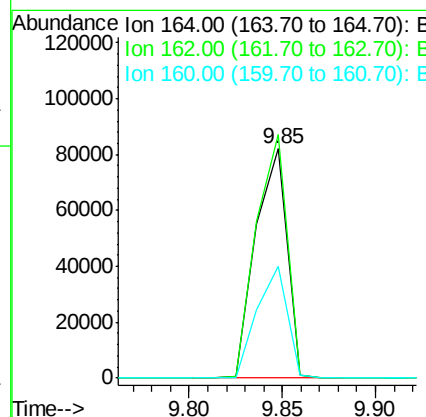
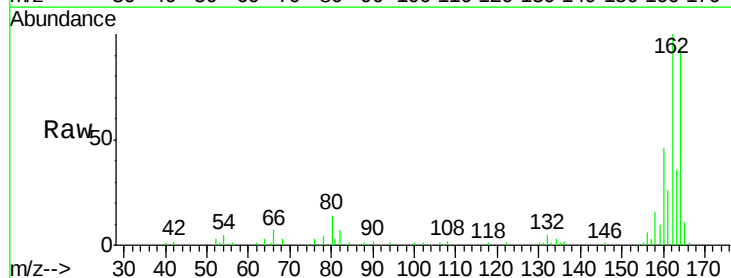
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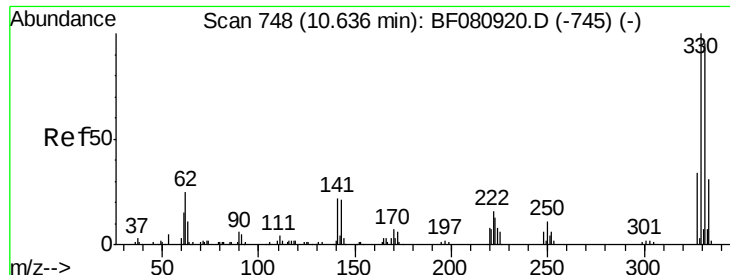
Tot Ion	Ratio	Resp	Lower	Upper
107	100	544205		
144	23.0	17.3	25.9	
142	71.2	54.4	81.6	



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94975		
162	106.3	80.5	120.7	
160	48.9	36.6	54.8	





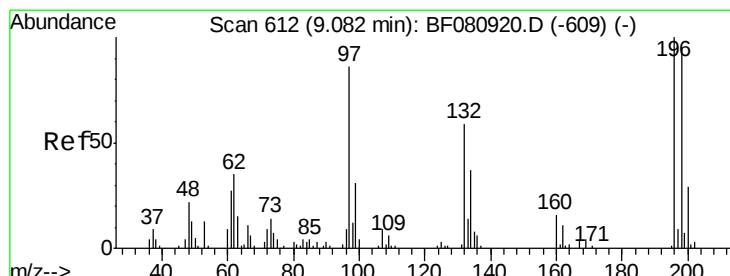
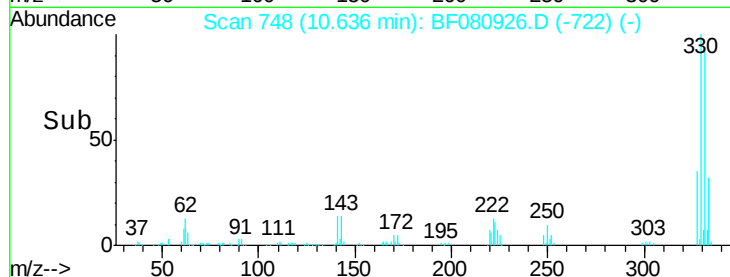
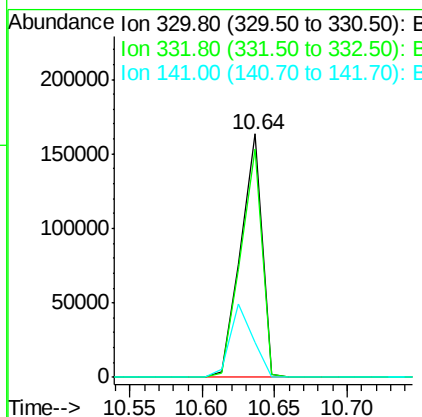
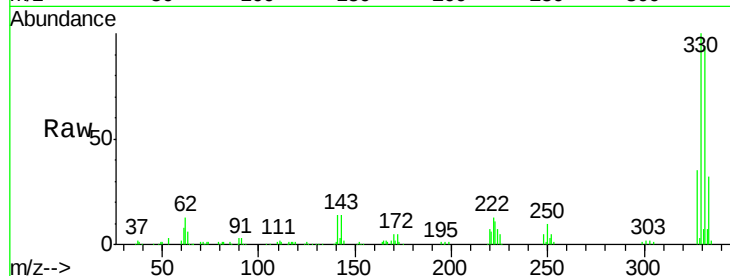
#41
 2,4,6-Tribromophenol
 Concen: 161.43 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 8535

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168441		
332	94.6	76.2	114.4	
141	32.0	27.8	41.8	

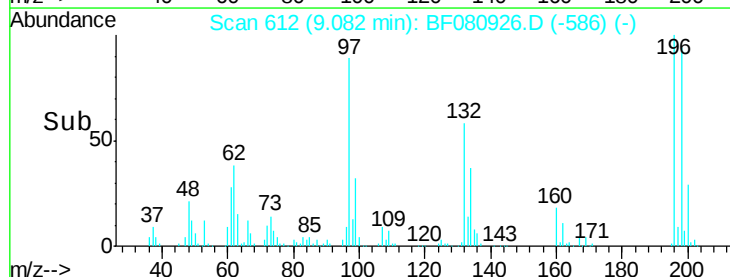
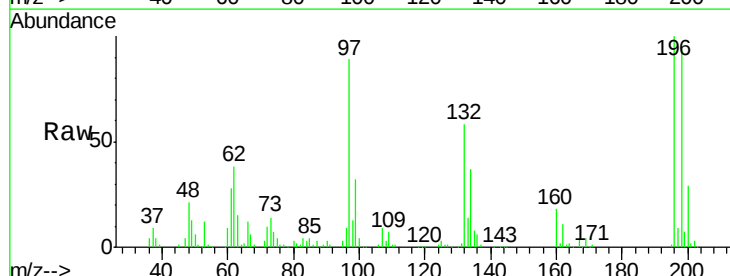
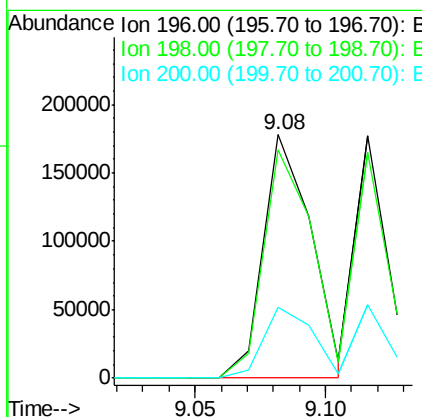
Manual Integrations
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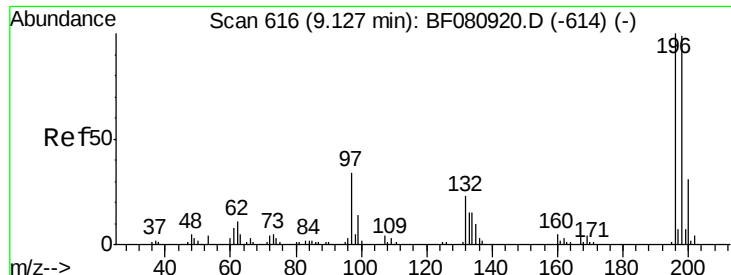
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#42
 2,4,6-Trichlorophenol
 Concen: 105.03 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

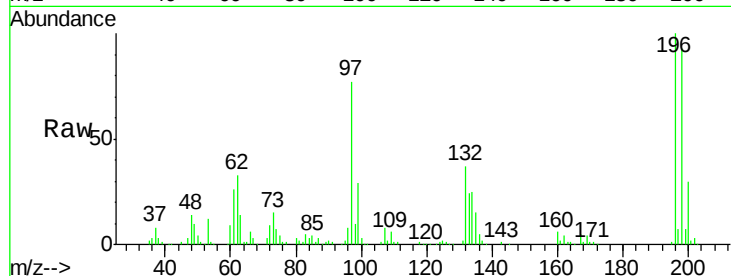
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225373		
198	93.6	75.9	113.9	
200	28.9	23.1	34.7	





#43
 2,4,5-Trichlorophenol
 Concen: 72.76 ng/ml
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

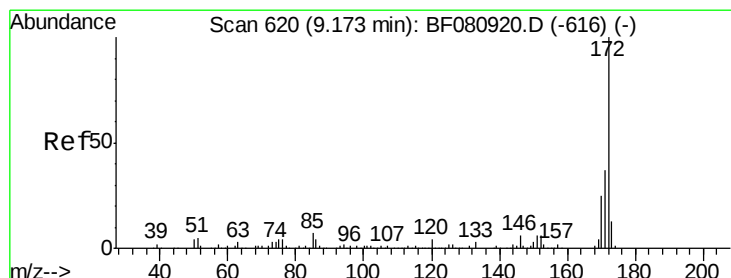
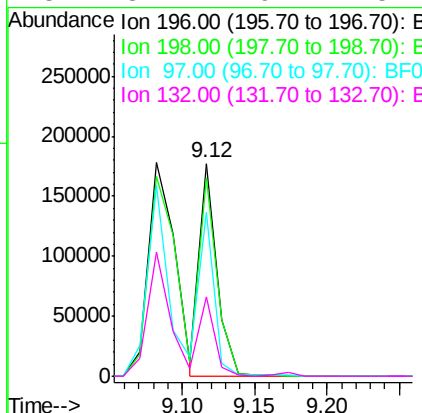
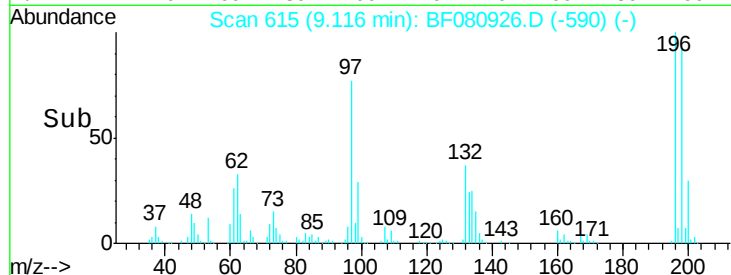
Instrument :
 BNA_F
 ClientSampled :
 8535



Tot Ion	196	Resp	157329
Ion Ratio	Lower	Upper	
196	100		
198	93.1	78.9	118.3
97	77.2	29.1	43.7#
132	37.2	19.1	28.7#

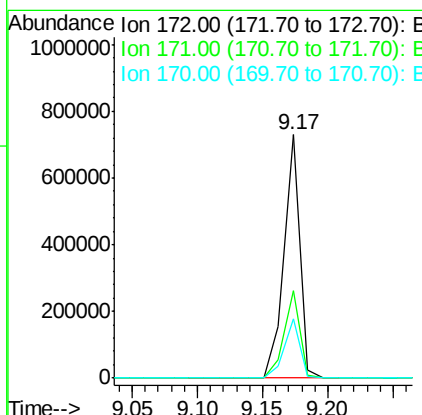
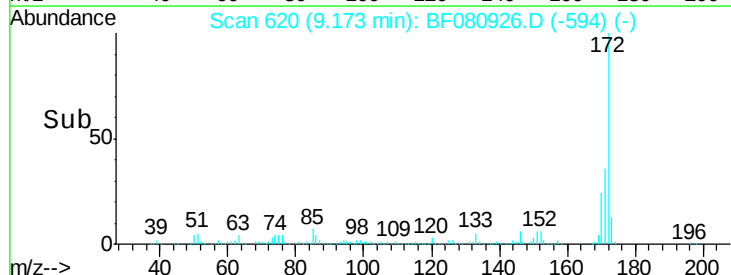
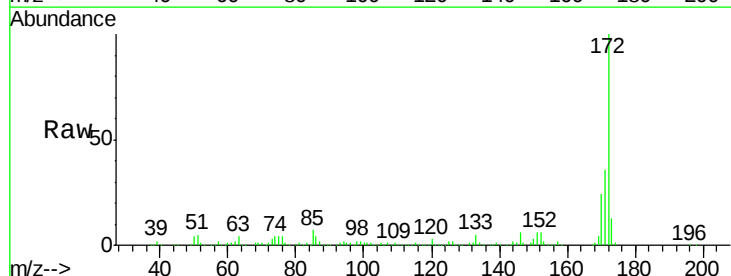
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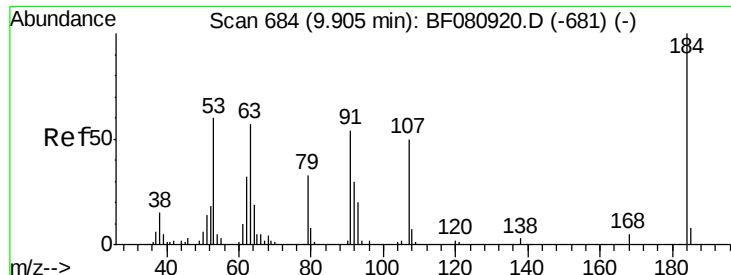
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#44
 2-Fluorobiphenyl
 Concen: 92.59 ng/ml
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Tgt Ion	172	Resp	624667
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.1	19.7	29.5





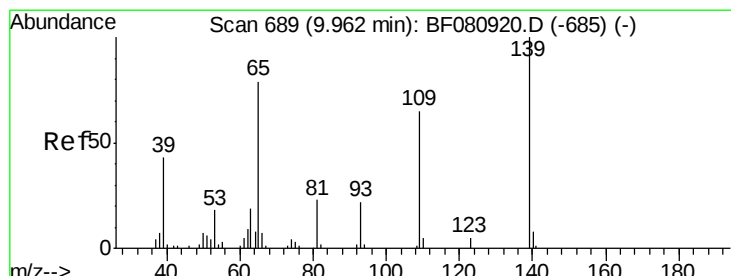
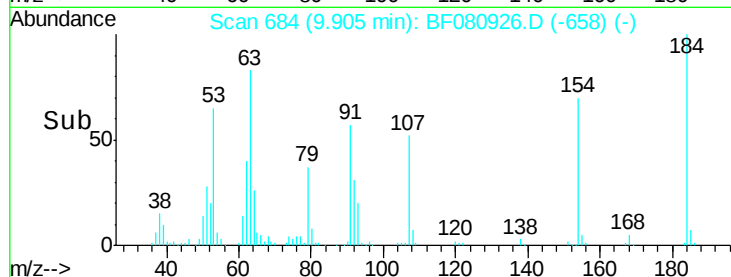
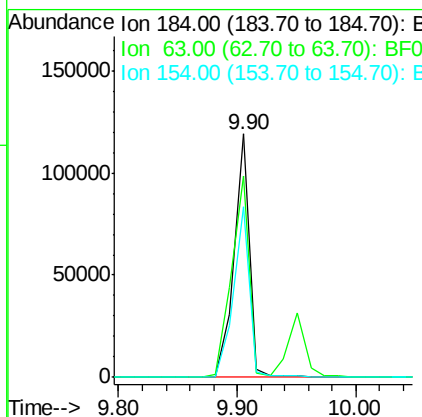
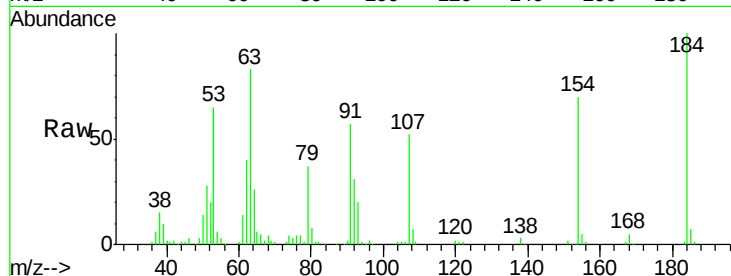
#53
2,4-Dinitrophenol
Concen: 106.86 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080926.D
Acq: 7 Aug 2015 14:49

Instrument :
BNA_F
ClientSampleId :
8535

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	82.9	59.7	89.5	
154	69.9	53.8	80.8	

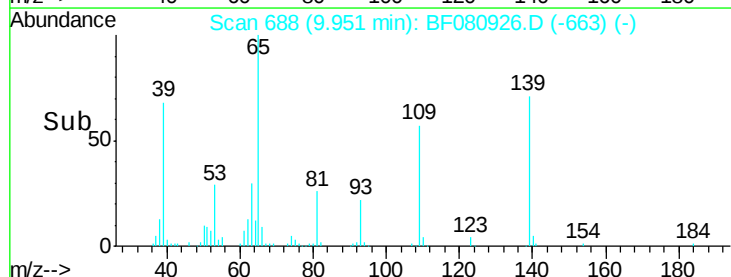
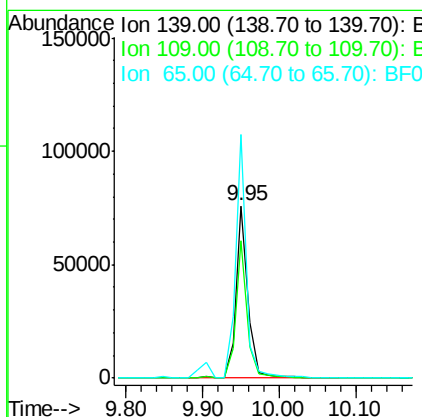
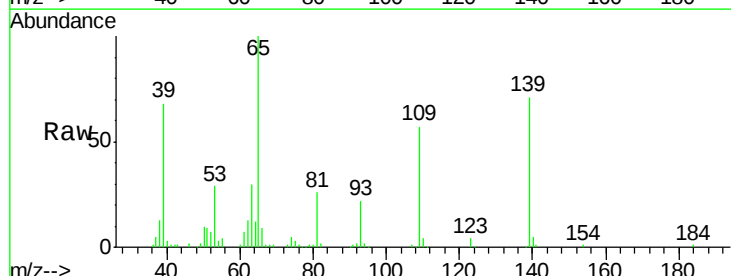
Manual Integrations
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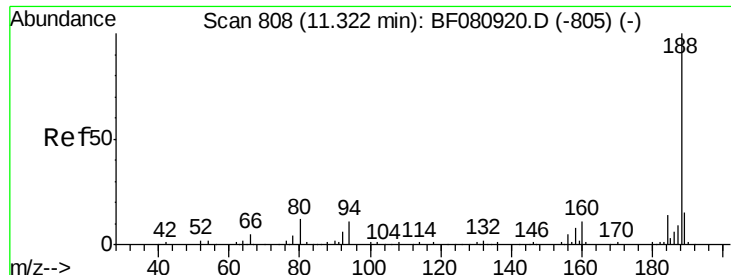
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#55
4-Nitrophenol
Concen: 56.47 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080926.D
Acq: 7 Aug 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.1	44.7	84.7	
65	141.5	59.5	99.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

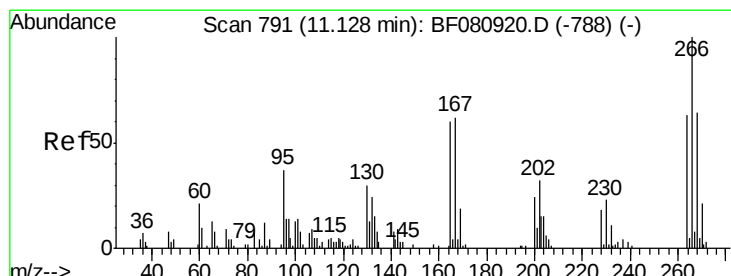
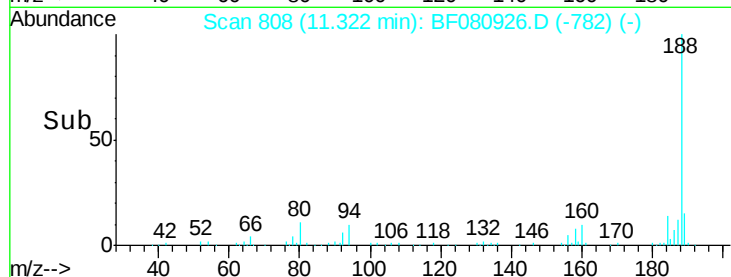
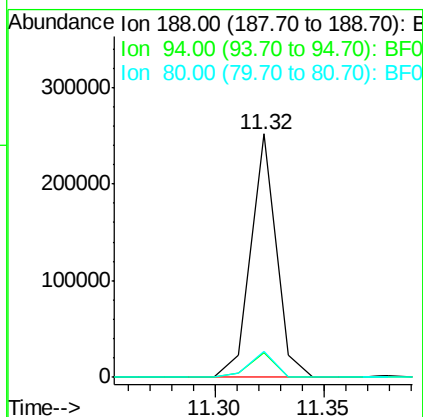
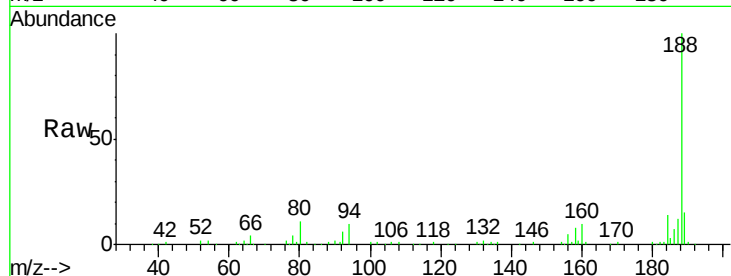
ClientSampleId :

8535

Tot Ion:	188	Resp:	204103
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.8	13.2
80	10.5	9.5	14.3

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#69

Pentachlorophenol

Concen: 76.12 ng

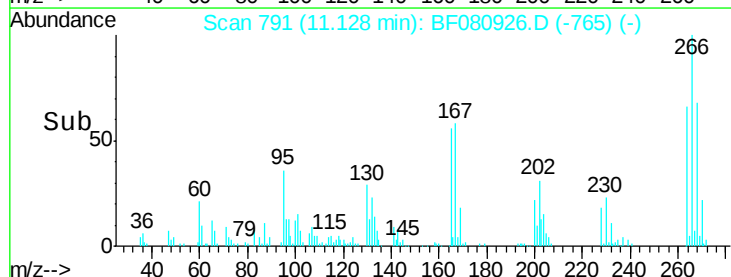
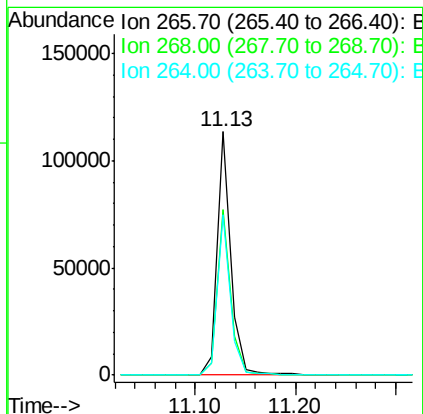
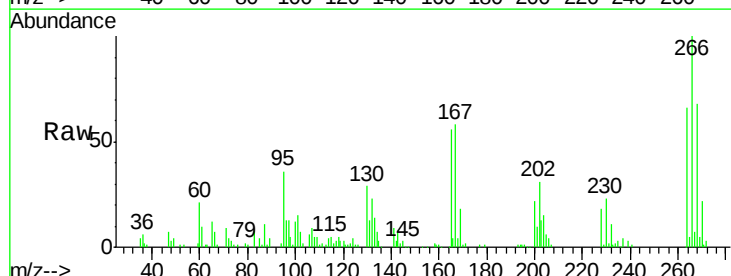
RT: 11.13 min Scan# 791

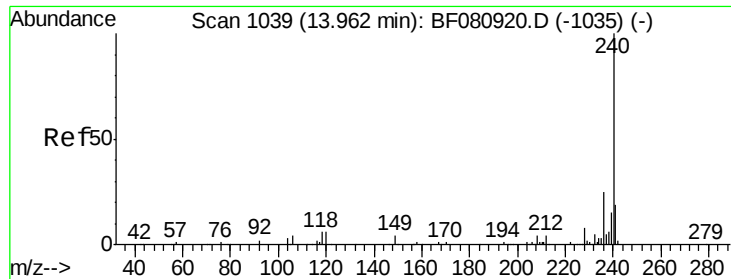
Delta R.T. 0.00 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Tgt Ion:	266	Resp:	106383
Ion Ratio	Lower	Upper	
266	100		
268	67.8	51.6	77.4
264	65.7	50.1	75.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Instrument :

BNA_F

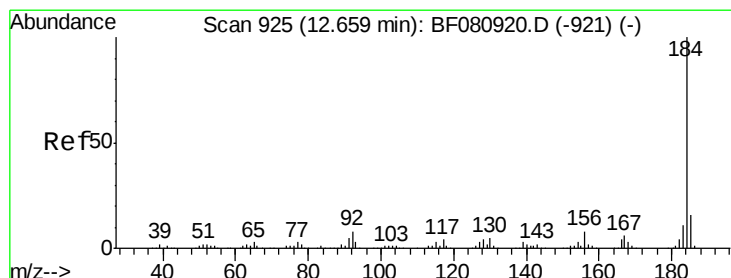
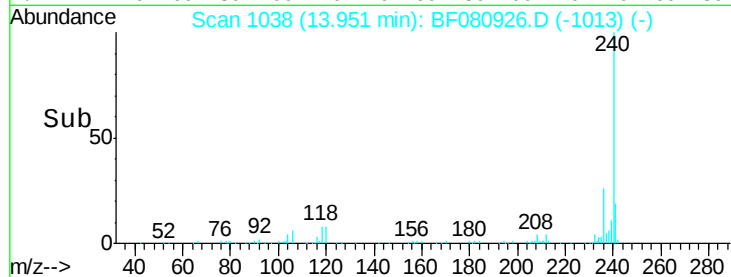
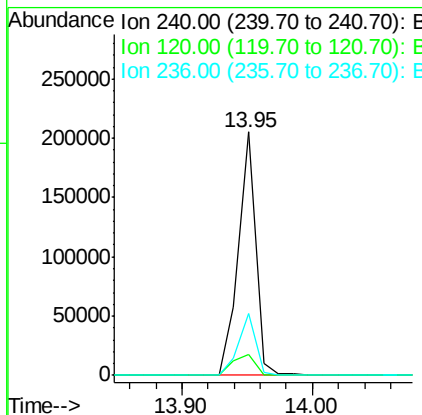
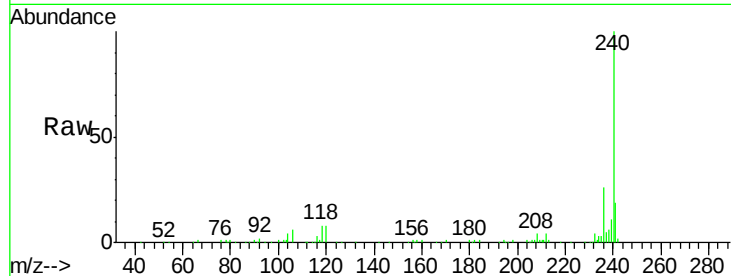
ClientSampled :

8535

Tot Ion:	240	Resp:	189384
Ion Ratio	Lower	Upper	
240	100		
120	8.4	5.2	7.8#
236	25.5	20.2	30.4

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#76

Benzidine

Concen: 3.01 ng

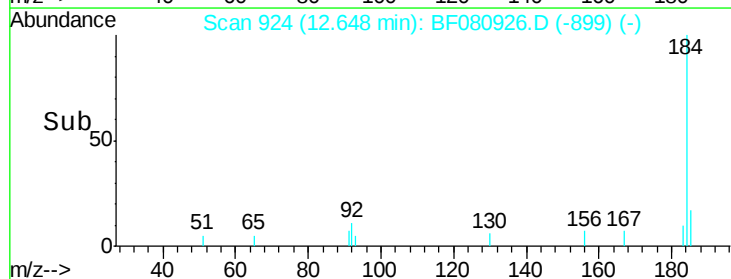
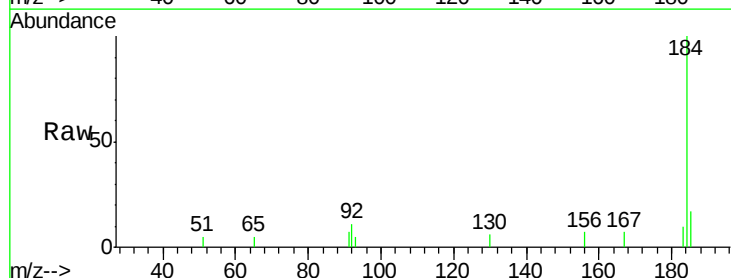
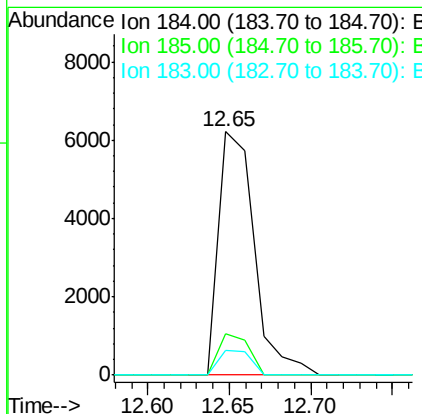
RT: 12.65 min Scan# 924

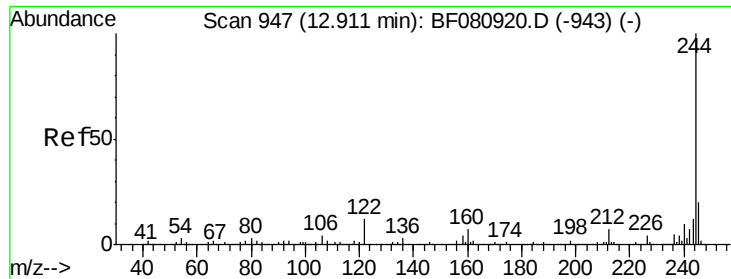
Delta R.T. -0.01 min

Lab File: BF080926.D

Acq: 7 Aug 2015 14:49

Tgt Ion:	184	Resp:	9405
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.0	19.4
183	10.4	8.7	13.1





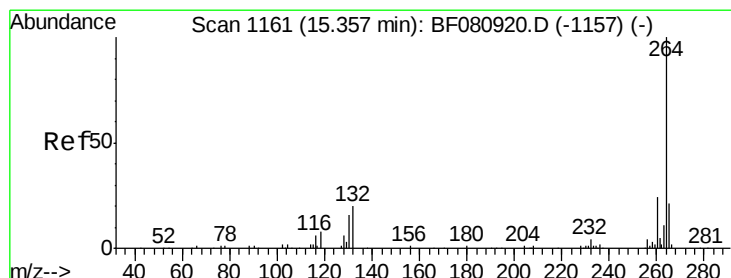
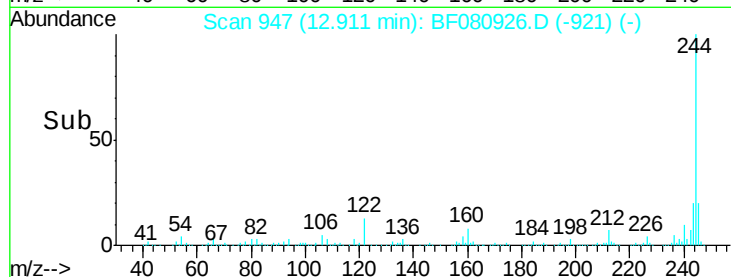
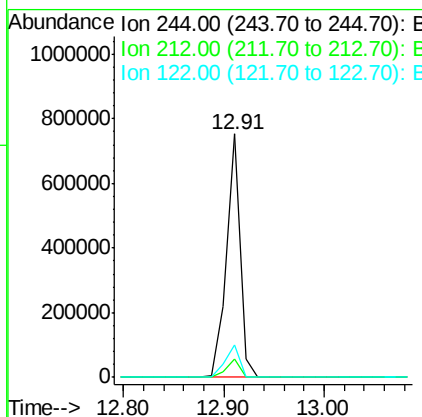
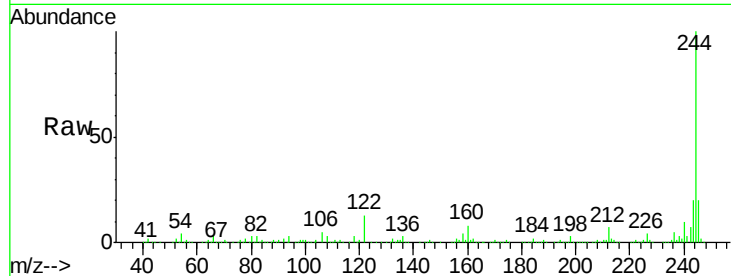
#78
 Terphenyl-d14
 Concen: 77.72 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Instrument :
 BNA_F
 ClientSampled :
 8535

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.2	9.4	14.2

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080926.D
 Acq: 7 Aug 2015 14:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.5	17.0	25.4

