

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080541.D
 Acq On : 17 Jul 2015 18:58
 Operator : TP/UM
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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Quant Time: Jul 20 13:28:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42505	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	182160	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	77142	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	144341	20.00	ng	0.00
75) Chrysene-d12	14.37	240	108828	20.00	ng	0.02
86) Perylene-d12	16.05	264	95112	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	6.73	99	13223	3.96	ng	0.02
23) Nitrobenzene-d5	7.64	82	10895	3.56	ng	0.01
41) 2,4,6-Tribromophenol	10.90	330	2595	4.23	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	30687	5.45	ng	0.00
78) Terphenyl-d14	13.20	244	22189	4.28	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.86	128	6890	2.48	ng	94
9) Benzaldehyde	6.65	77	4642	2.12	ng	92
10) Phenol	6.74	94	8663	2.41	ng	92
11) bis(2-Chloroethyl)ether	6.80	93	7782	2.96	ng	89
12) 1,3-Dichlorobenzene	7.01	146	8143m	2.36	ng	
13) 1,4-Dichlorobenzene	7.08	146	8331	2.31	ng	92
14) 1,2-Dichlorobenzene	7.24	146	7937	2.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.34	45	11828	2.52	ng	96
17) 2-Methylphenol	7.34	107	5106	2.32	ng	# 89
18) Hexachloroethane	7.58	117	2801	2.60	ng	93
20) 3+4-Methylphenols	7.52	107	7173	2.38	ng	# 83
22) Acetophenone	7.49	105	9246	2.33	ng	# 89
27) 2,4-Dimethylphenol	8.02	122	5549	2.11	ng	93
28) bis(2-Chloroethoxy)methane	8.10	93	7397	2.36	ng	# 97
30) 1,2,4-Trichlorobenzene	8.29	180	7089	2.56	ng	94
31) Naphthalene	8.37	128	21838	2.43	ng	98
33) 4-Chloroaniline	8.44	127	7325	2.10	ng	# 83
34) Hexachlorobutadiene	8.49	225	3319	2.14	ng	92
37) 2-Methylnaphthalene	9.07	142	13740	2.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	6387	2.60	ng	97
42) 2,4,6-Trichlorophenol	9.36	196	2975	2.02	ng	98
43) 2,4,5-Trichlorophenol	9.40	196	3203	2.06	ng	# 95
45) 1,1'-Biphenyl	9.53	154	16302	2.58	ng	95
46) 2-Chloronaphthalene	9.55	162	11800	2.49	ng	# 89
48) Acenaphthylene	9.97	152	17288	2.21	ng	99
49) Dimethylphthalate	9.82	163	11397	2.18	ng	97
51) Acenaphthene	10.14	154	11386	2.44	ng	99
54) Dibenzofuran	10.32	168	17890	2.67	ng	94
57) Fluorene	10.66	166	13178	2.50	ng	99
60) 4-Chlorophenyl-phenylether	10.65	204	6076	2.58	ng	97
65) n-Nitrosodiphenylamine	10.76	169	10307	2.12	ng	98
66) 4-Bromophenyl-phenylether	11.14	248	2842	2.05	ng	# 81
67) Hexachlorobenzene	11.21	284	3672	2.37	ng	# 90
70) Phenanthrene	11.62	178	19565	2.43	ng	97

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

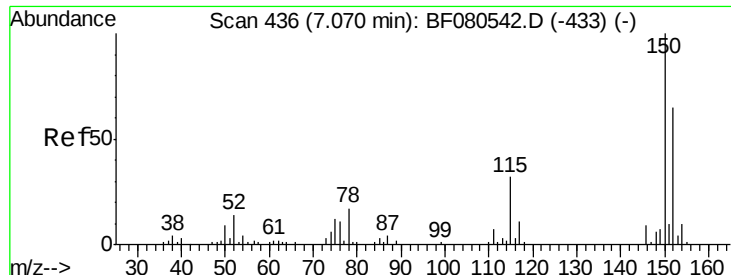
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Quant Time: Jul 20 13:28:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.68	178	16721	2.19	ng	99
72) Carbazole	11.84	167	14764	2.20	ng	98
74) Fluoranthene	12.83	202	15543	2.07	ng	96
77) Pyrene	13.07	202	16260	2.31	ng	99
80) Benzo(a)anthracene	14.36	228	13384	2.20	ng	98
82) Chrysene	14.41	228	15542	2.63	ng	99
87) Benzo(b)fluoranthene	15.60	252	12837	2.34	ng	98
89) Benzo(a)pyrene	15.99	252	10321	2.02	ng #	91

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



#1

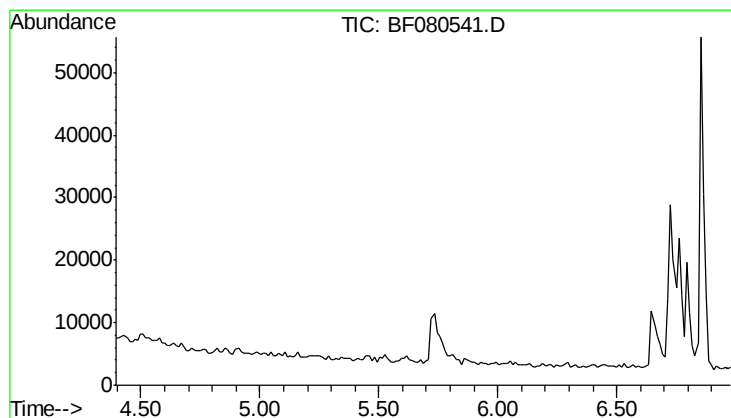
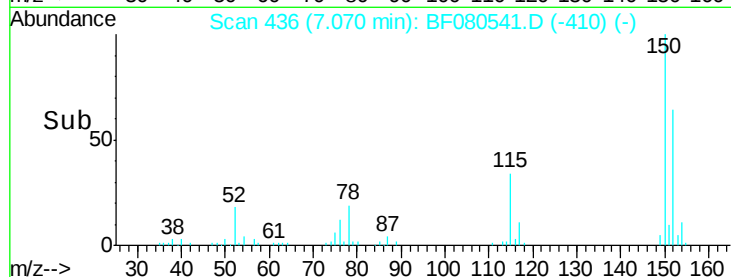
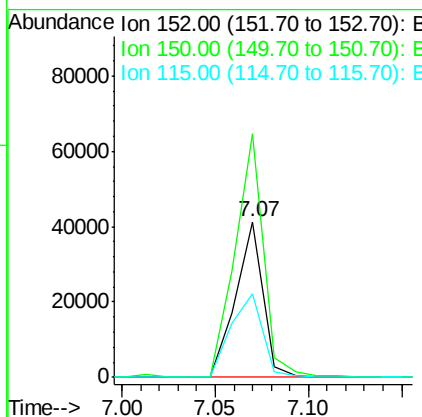
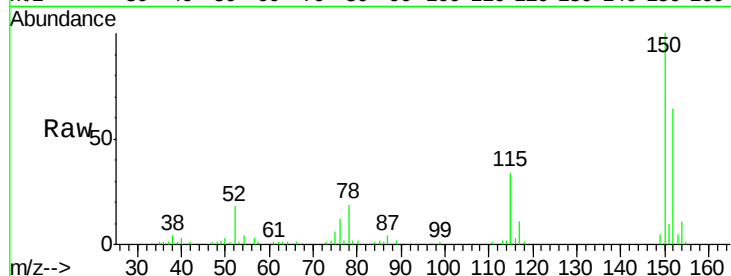
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.4
115	53.3	39.9	59.9

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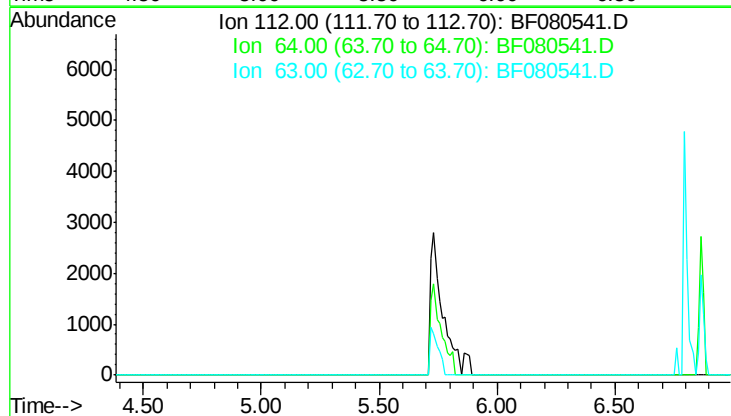


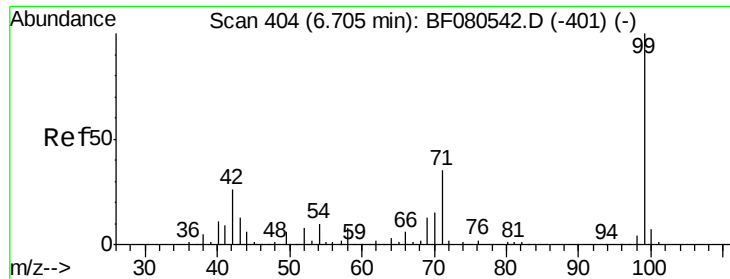
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.69 min

Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Sig	Exp Ratio
112	100	
64	67.6	
63	34.5	





#7

Phenol-d6

Concen: 3.96 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

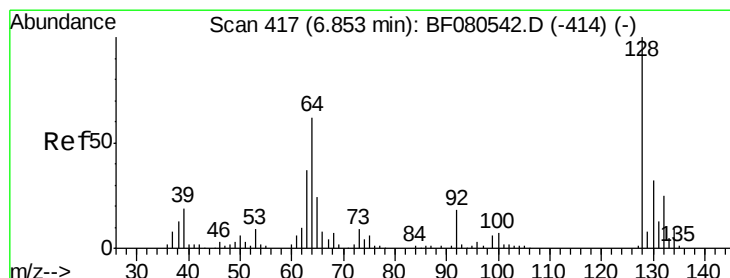
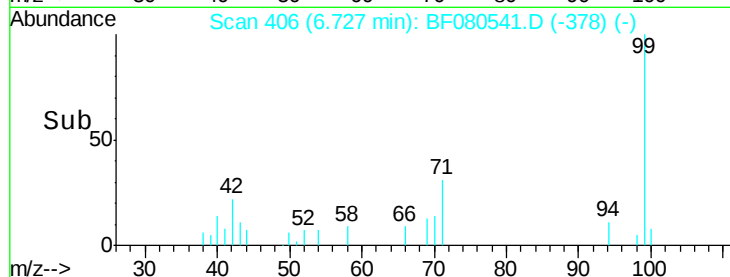
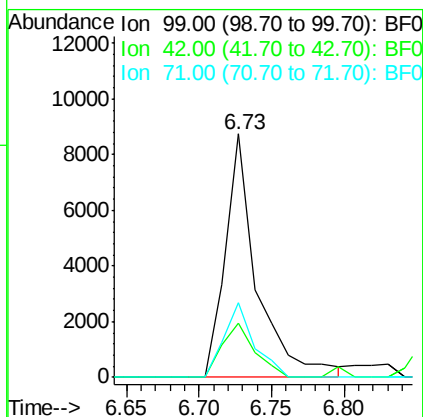
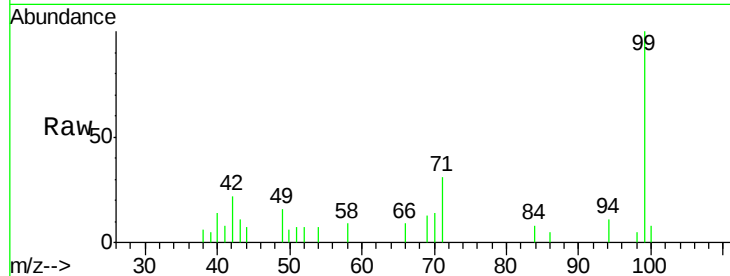
ClientSampleId :

SSTDICC2.5

Tgt Ion:	99	Resp:	13223
Ion Ratio	Lower	Upper	
99	100		
42	22.1	21.0	31.4
71	30.6	28.4	42.6

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#8

2-Chlorophenol

Concen: 2.48 ng

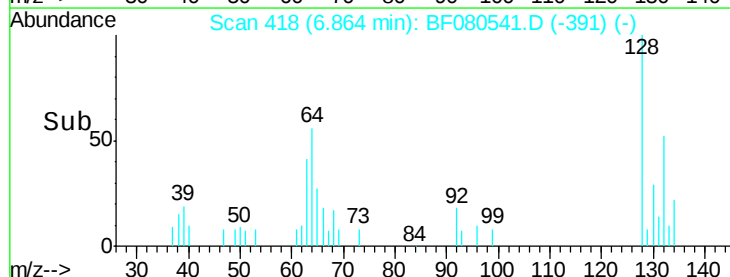
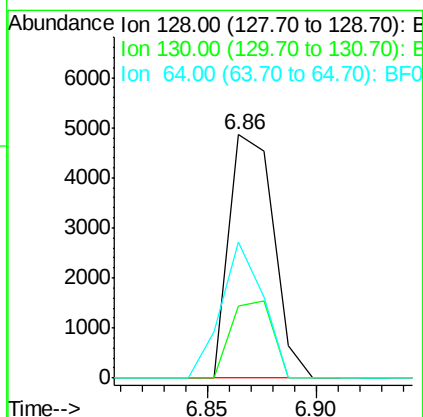
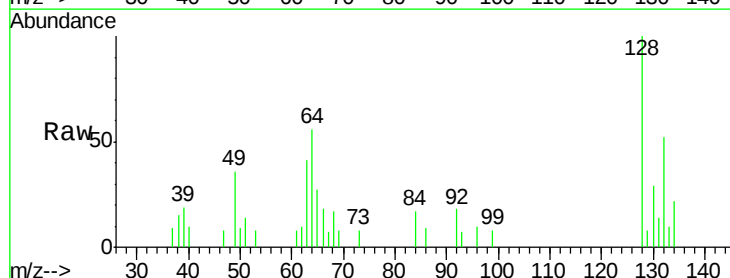
RT: 6.86 min Scan# 418

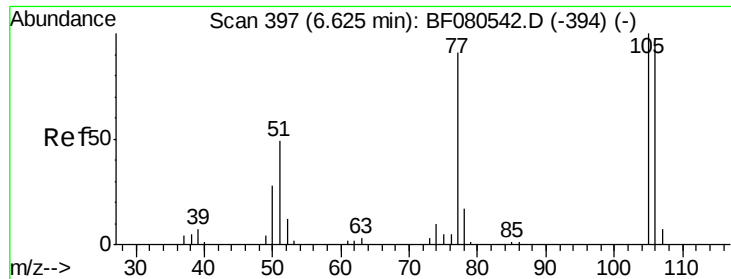
Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion:	128	Resp:	6890
Ion Ratio	Lower	Upper	
128	100		
130	29.4	11.7	51.7
64	55.7	41.6	81.6





#9

Benzaldehyde

Concen: 2.12 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

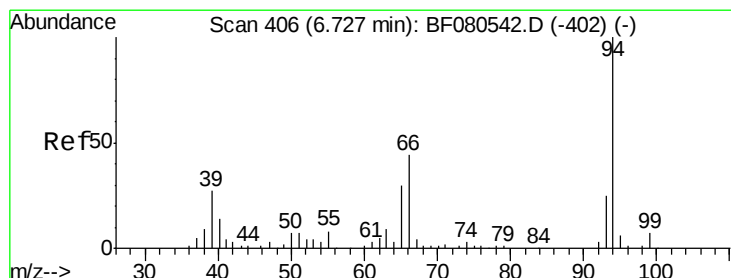
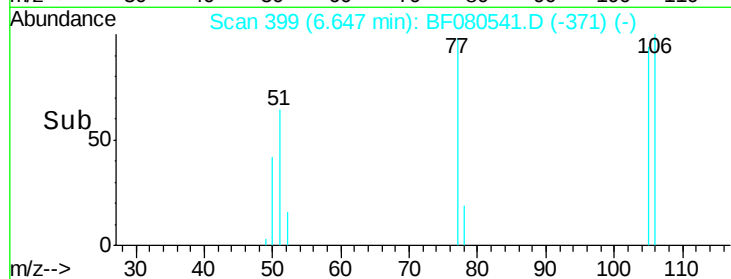
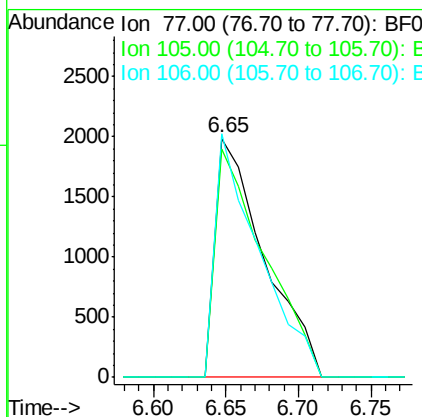
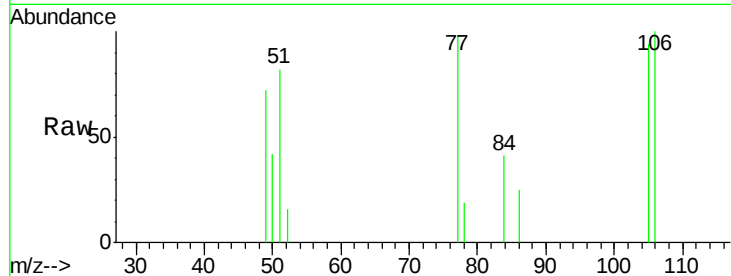
ClientSampleId :

SSTDICC2.5

Tgt Ion:	77	Resp:	4642
Ion	Ratio	Lower	Upper
77	100		
105	95.5	90.0	130.0
106	102.0	83.5	123.5

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#10

Phenol

Concen: 2.41 ng

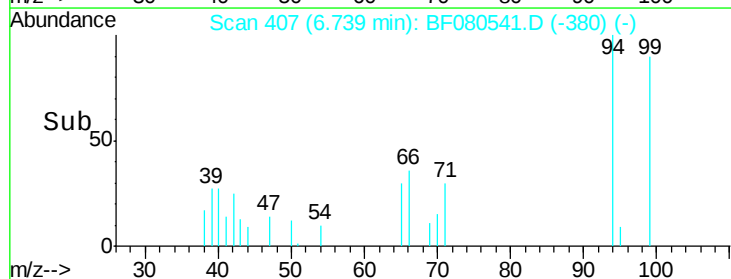
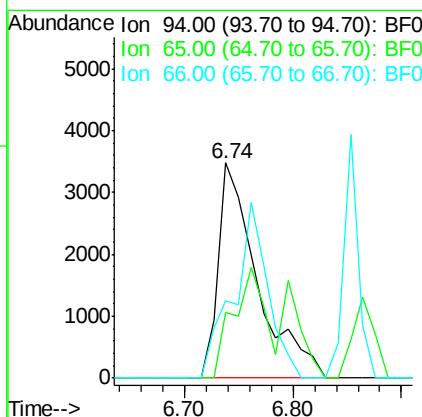
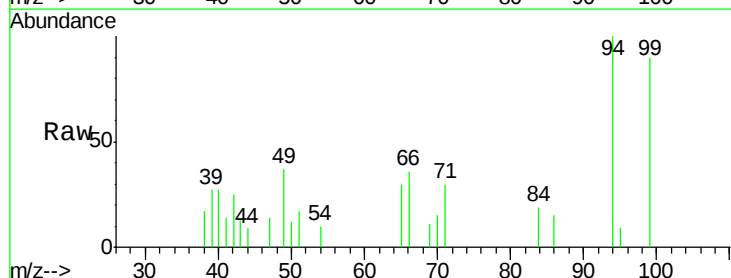
RT: 6.74 min Scan# 407

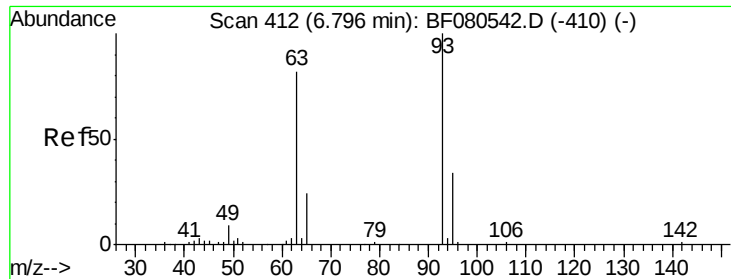
Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion:	94	Resp:	8663
Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.4	50.4
66	35.7	24.2	64.2





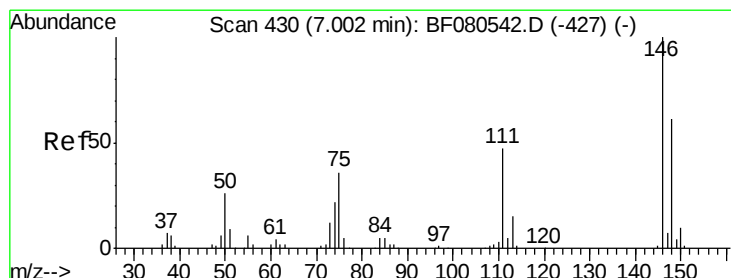
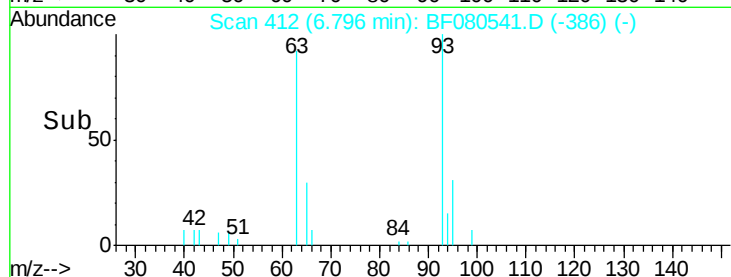
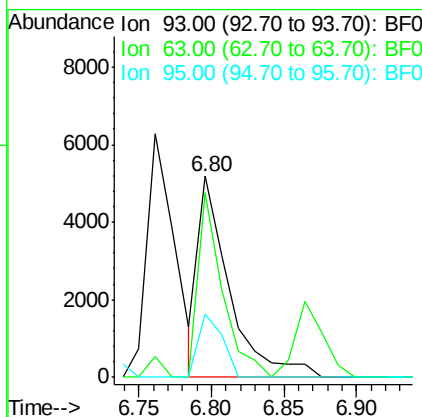
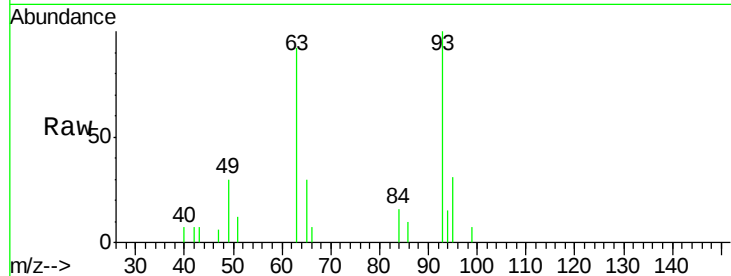
#11
bis(2-Chloroethyl)ether
Concen: 2.96 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:	93	Resp:	7782
Ion	Ratio	Lower	Upper
93	100		
63	92.1	60.3	100.3
95	31.2	13.7	53.7

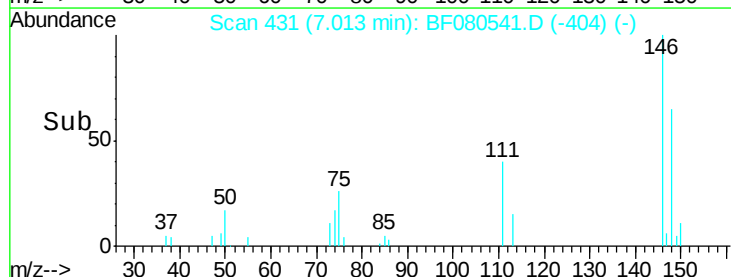
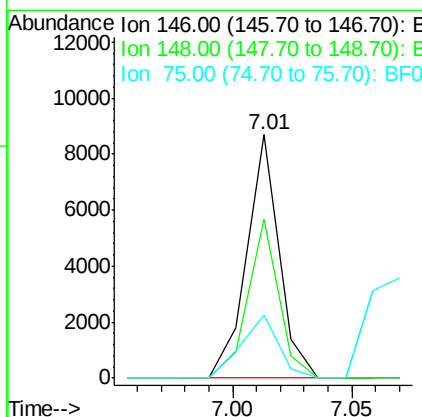
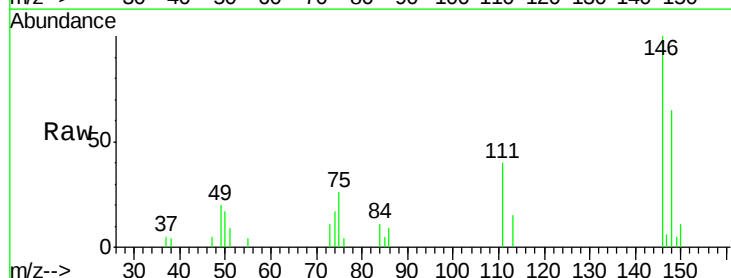
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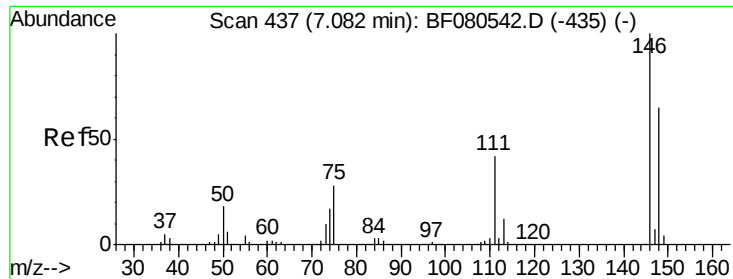
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#12
1,3-Dichlorobenzene
Concen: 2.36 ng m
RT: 7.01 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:	146	Resp:	8143
Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.2	73.8
75	25.9	29.1	43.7#





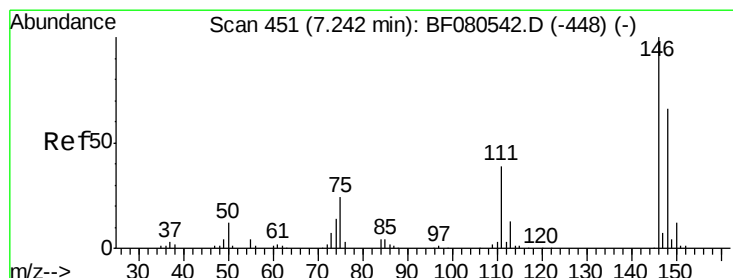
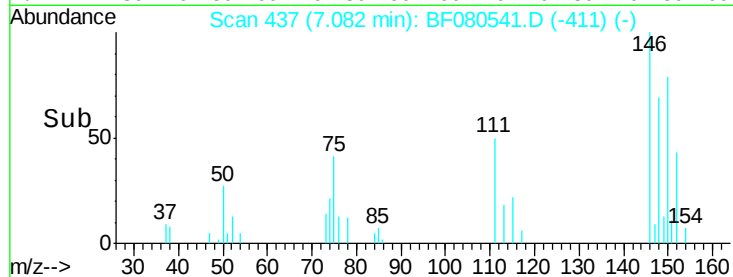
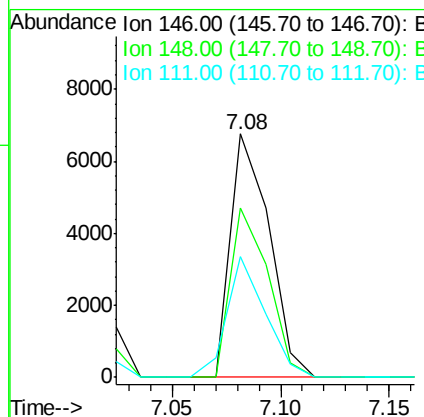
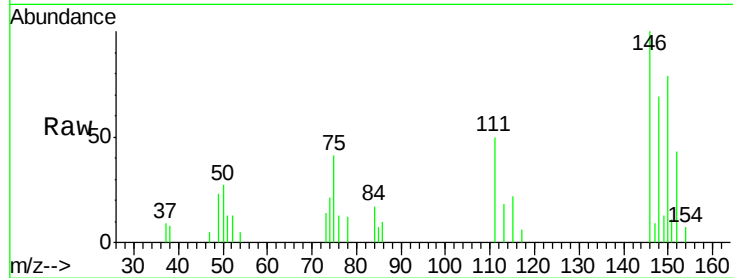
#13
 1,4-Dichlorobenzene
 Concen: 2.31 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.4	51.9	77.9
111	49.8	33.4	50.2

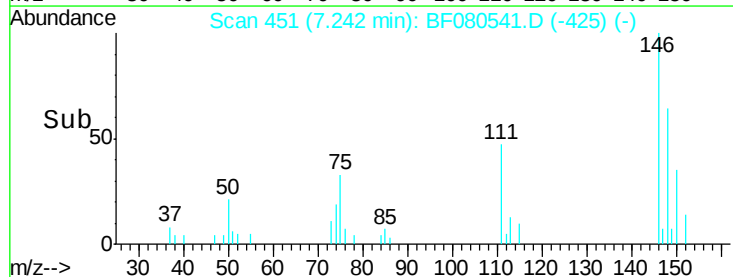
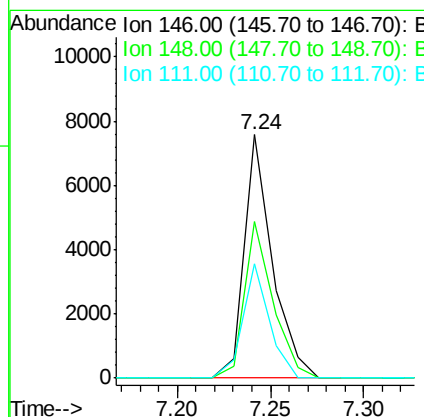
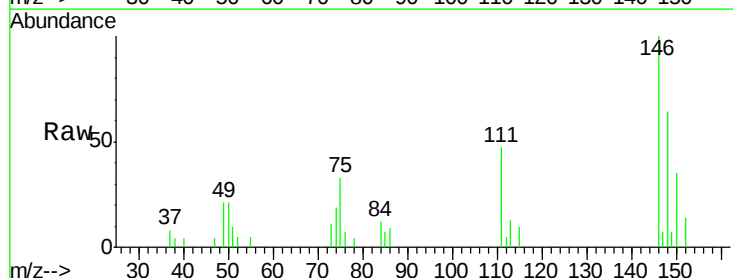
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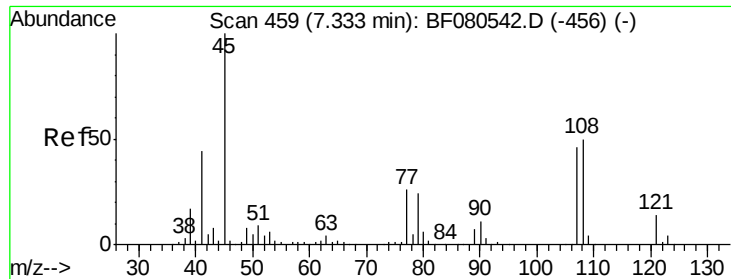
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#14
 1,2-Dichlorobenzene
 Concen: 2.49 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.5	78.7
111	47.2	31.5	47.3





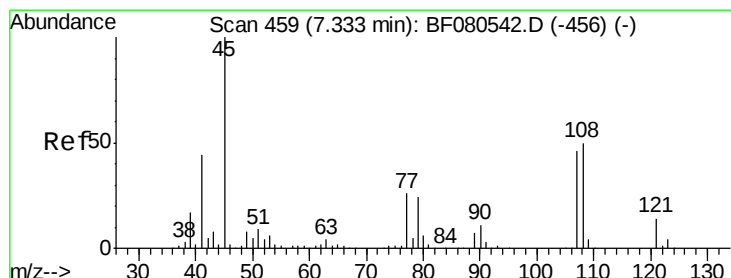
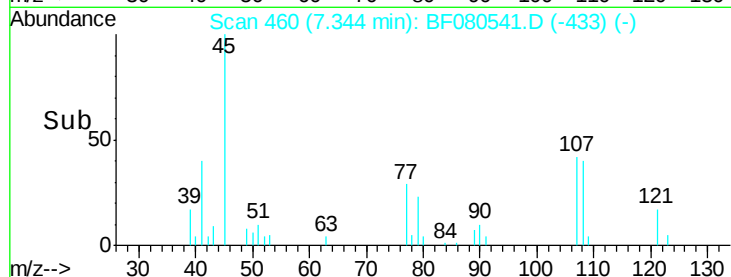
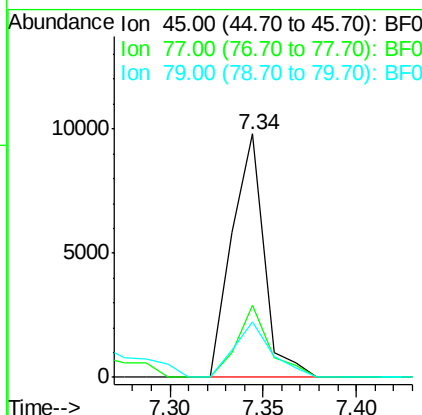
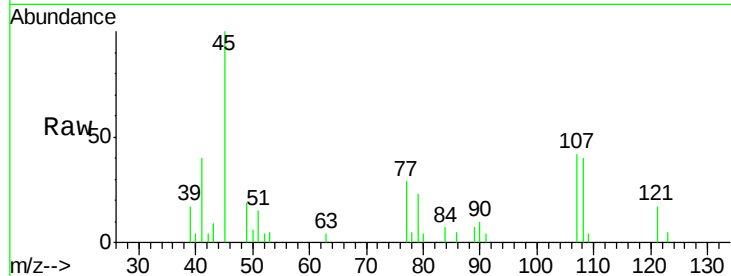
#16
2,2'-oxybis(1-chloropropane)
Concen: 2.52 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	29.4	6.6	46.6
79	22.6	4.0	44.0

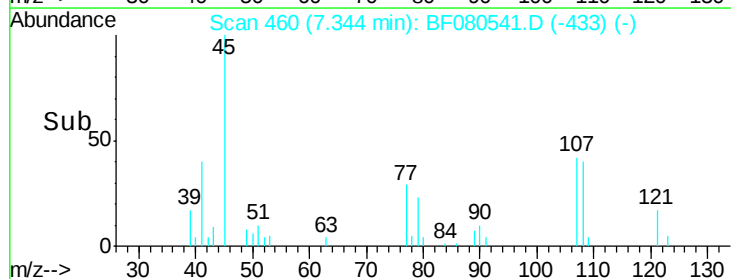
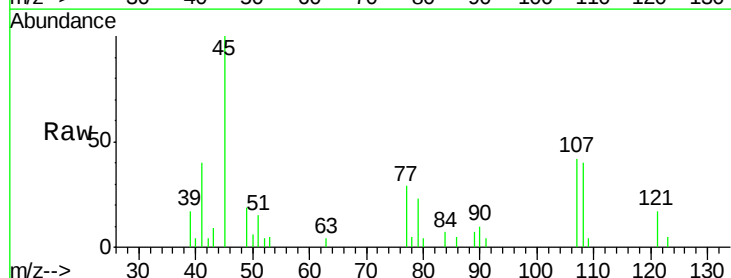
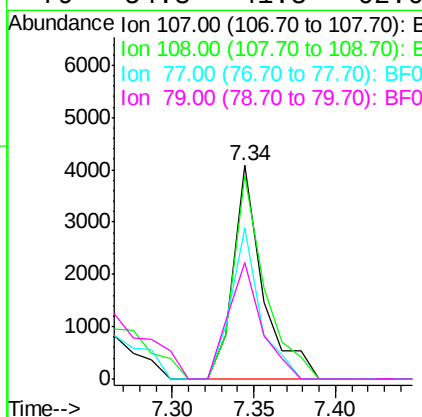
Manual Integrations
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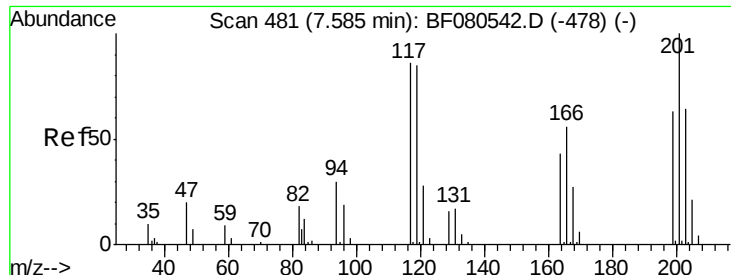
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#17
2-Methylphenol
Concen: 2.32 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	95.5	86.8	130.2
77	70.6	46.2	69.4
79	54.3	41.8	62.6





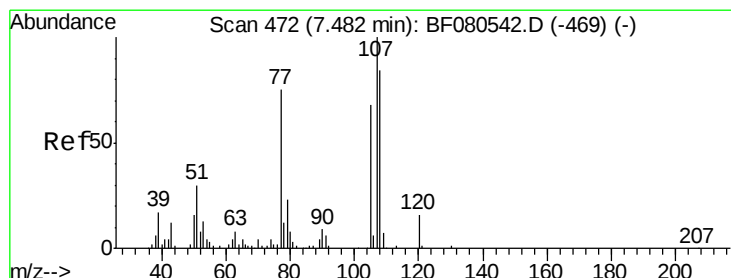
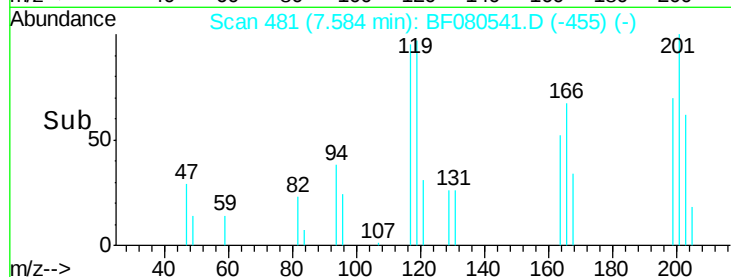
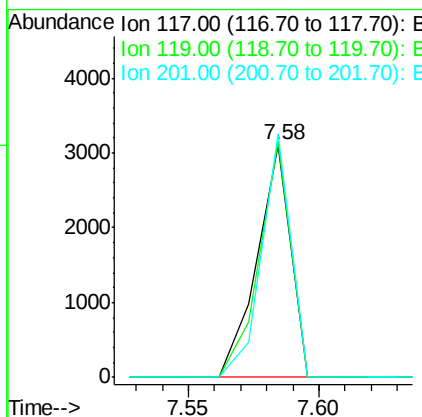
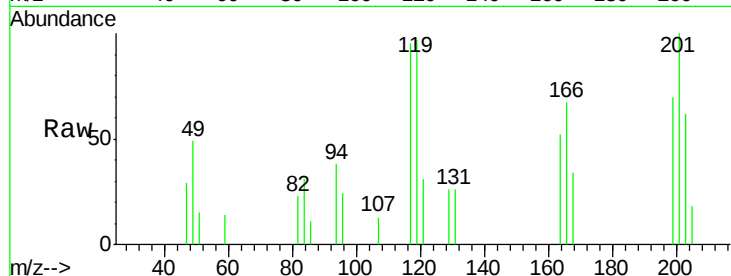
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Hexachloroethane
Concen: 2.60 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.4	79.1	118.7
201	104.8	92.7	139.1

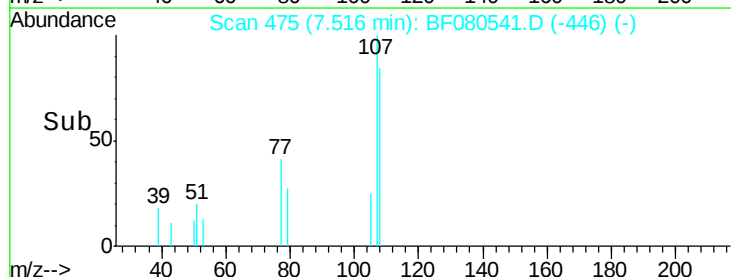
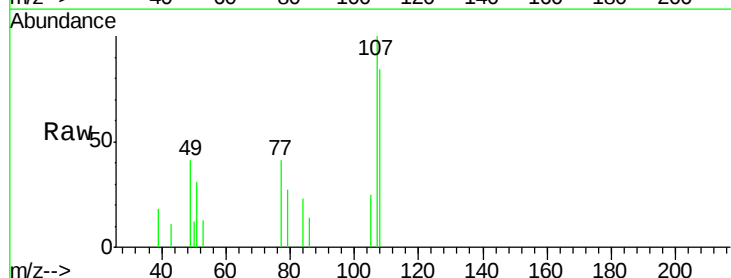
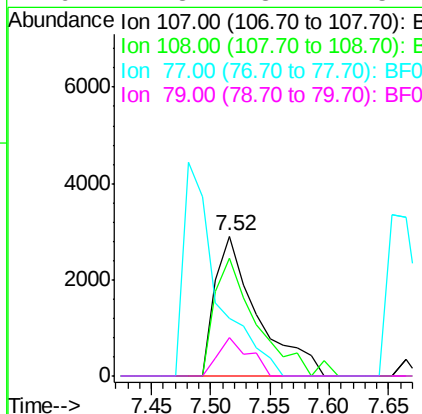
Manual Integrations
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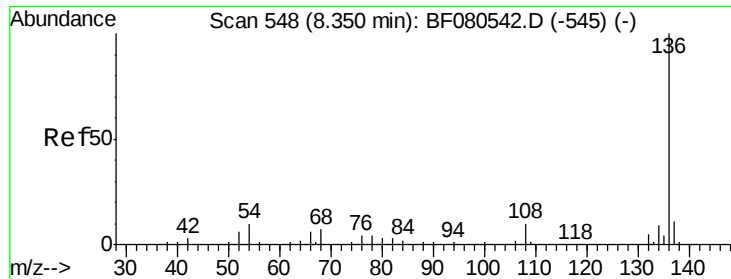
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#20
3+4-Methylphenols
Concen: 2.38 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.03 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	64.0	104.0
77	41.5	55.4	95.4
79	27.3	3.4	43.4





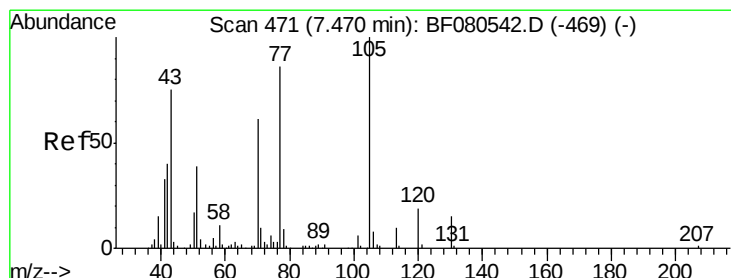
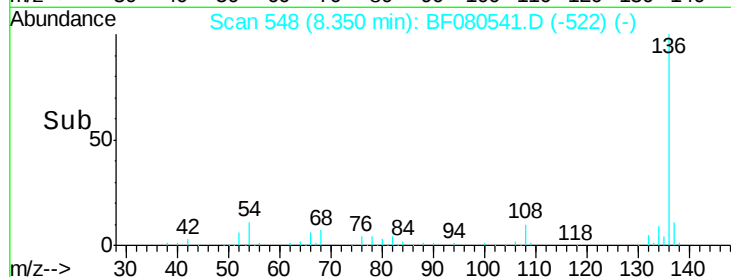
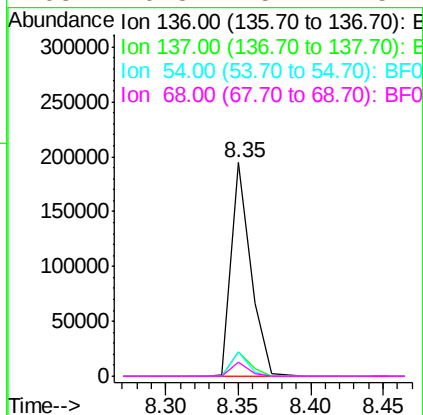
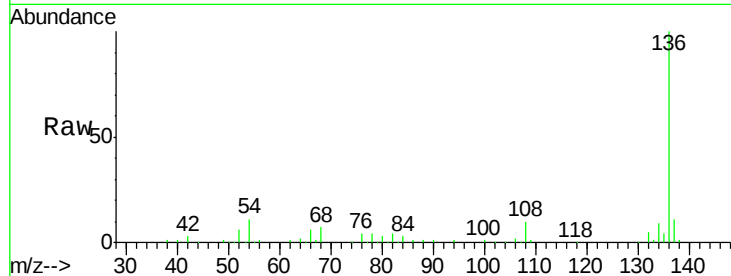
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	182160		
137	11.2	8.7	13.1	
54	11.2	8.3	12.5	
68	6.8	5.4	8.2	

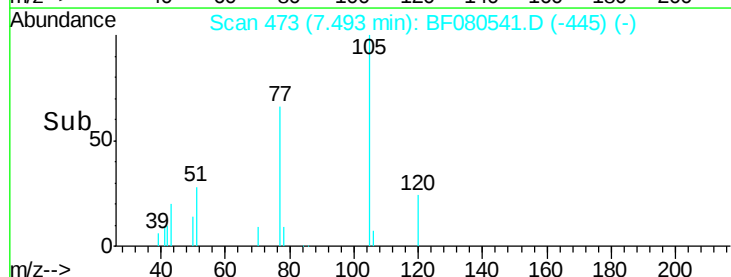
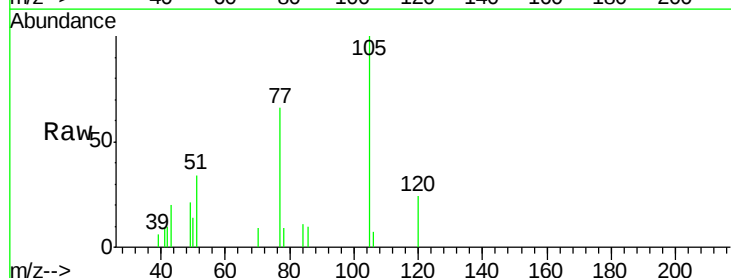
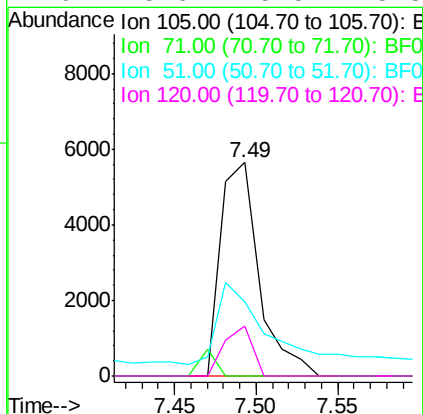
Manual Integrations
APPROVED

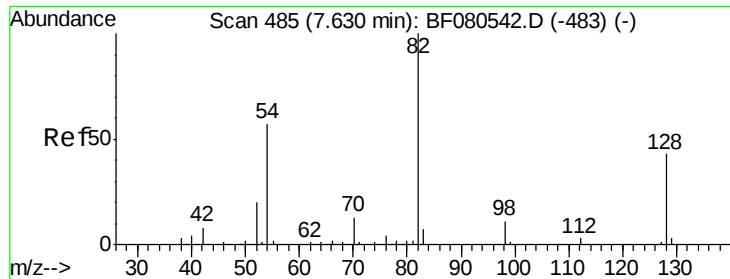
apatel
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#22
Acetophenone
Concen: 2.33 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.02 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9246		
71	0.0	8.3	12.5#	
51	34.5	31.6	47.4	
120	23.6	15.5	23.3#	





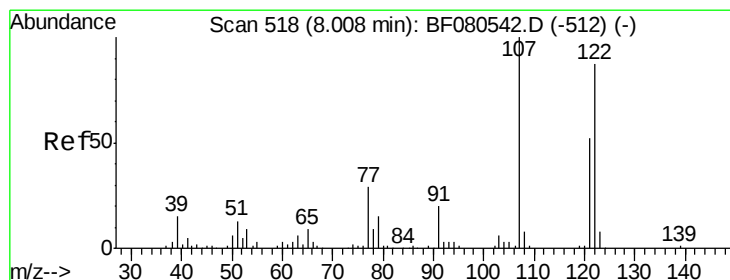
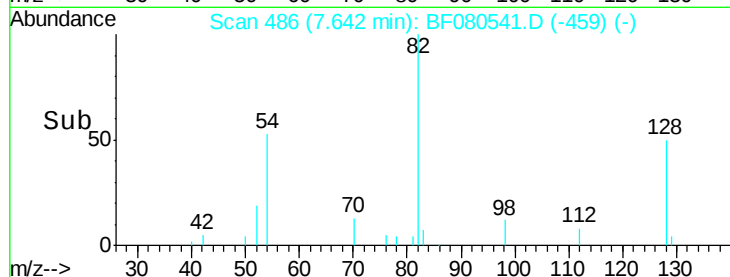
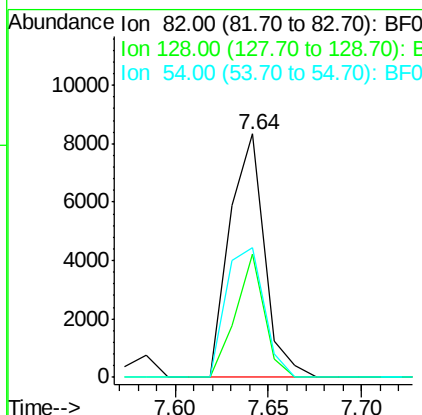
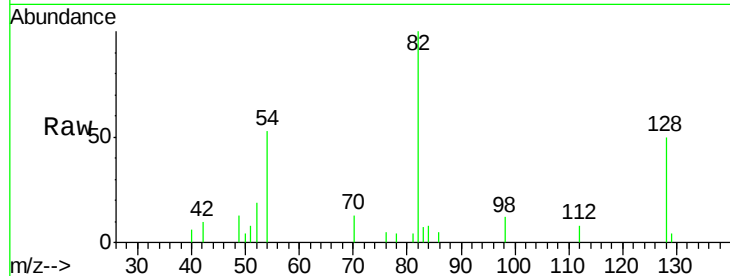
#23
 Nitrobenzene-d5
 Concen: 3.56 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	10895		
128	50.4	34.6	51.8	
54	53.2	45.8	68.6	

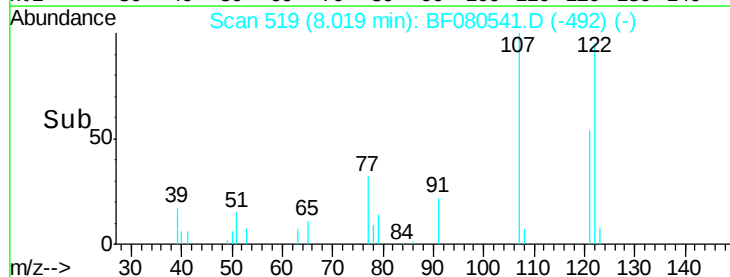
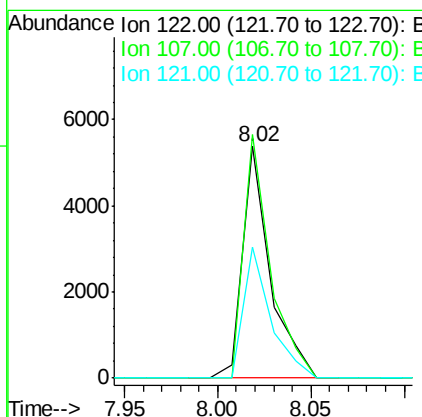
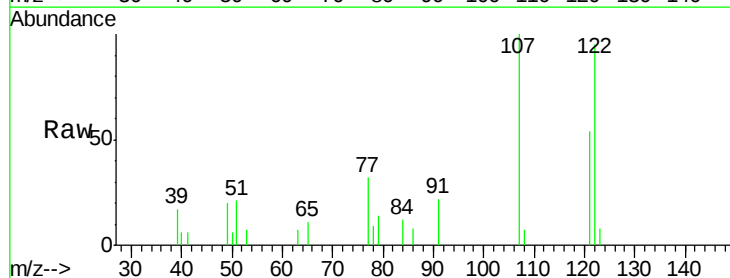
Manual Integrations
 APPROVED

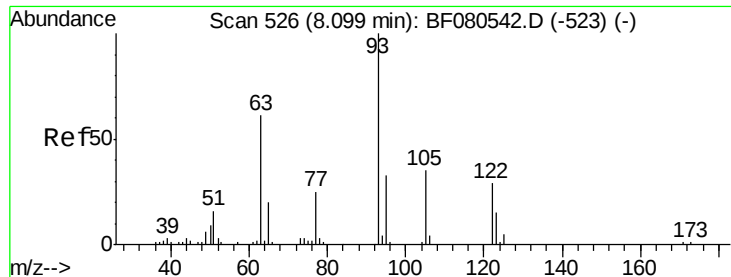
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#27
 2,4-Dimethylphenol
 Concen: 2.11 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5549		
107	105.1	91.6	137.4	
121	56.4	47.4	71.0	





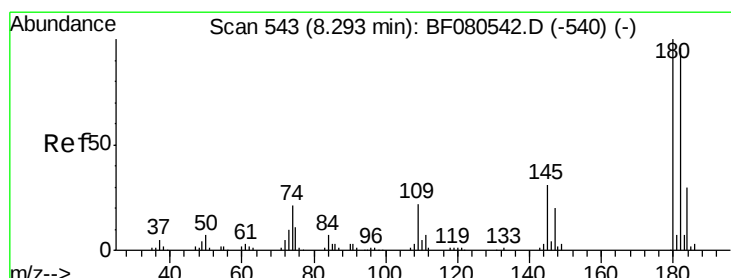
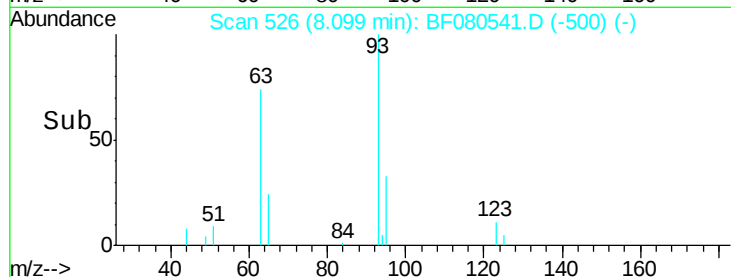
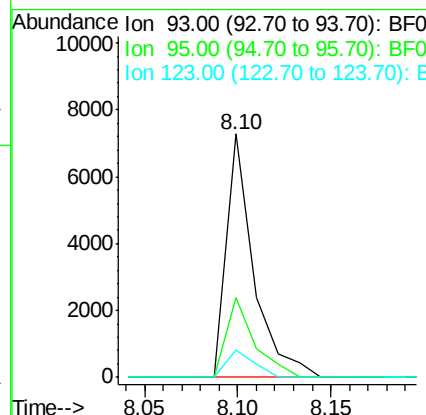
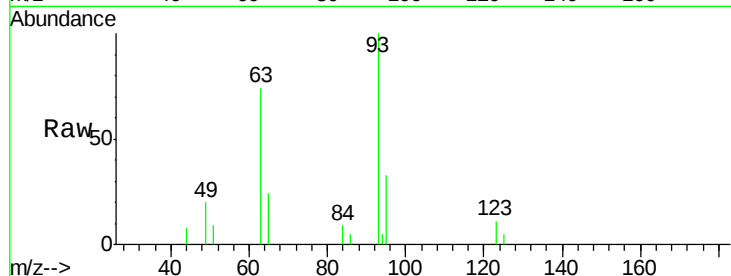
#28
bis(2-Chloroethoxy)methane
Concen: 2.36 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.2	12.2	18.4

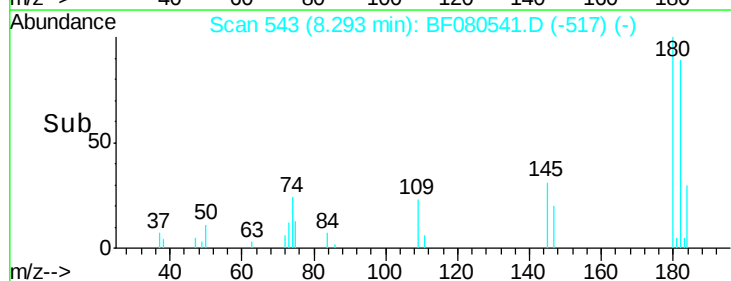
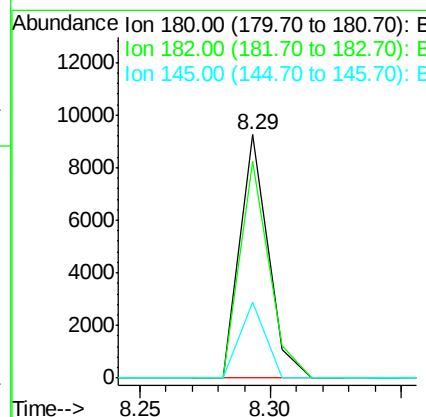
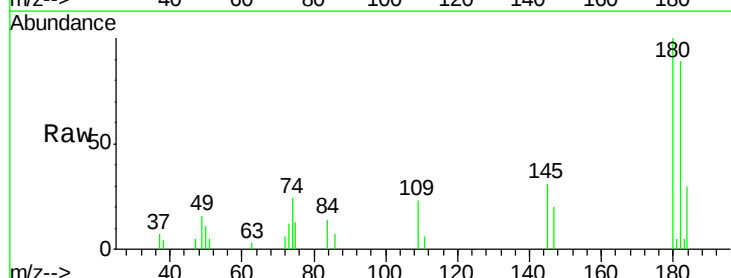
Manual Integrations
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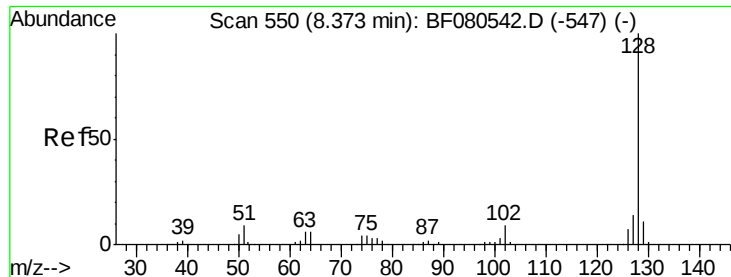
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#30
1,2,4-Trichlorobenzene
Concen: 2.56 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.2	77.0	115.4
145	31.2	24.5	36.7





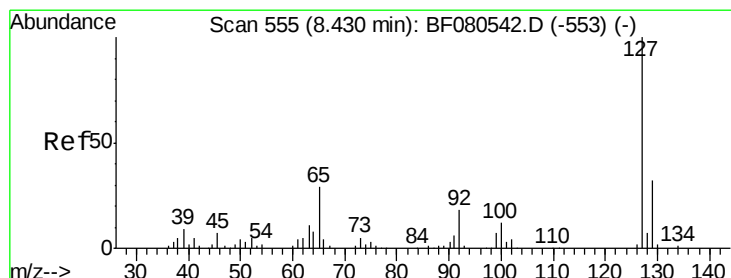
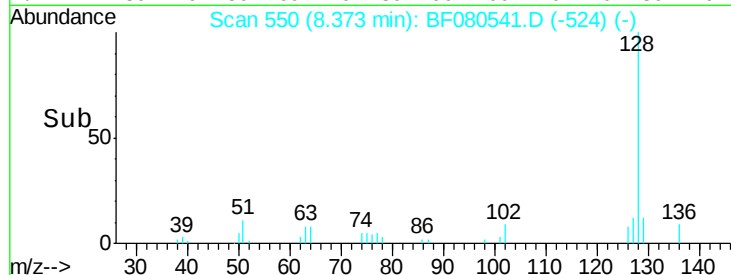
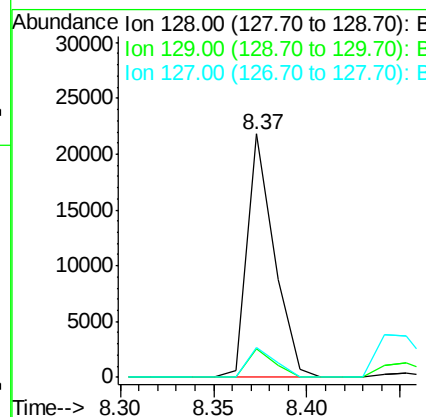
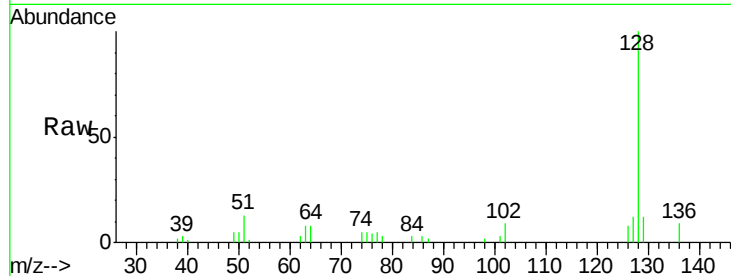
#31
Naphthalene
Concen: 2.43 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	21838		
129	11.8	9.0	13.4	
127	12.4	11.0	16.4	

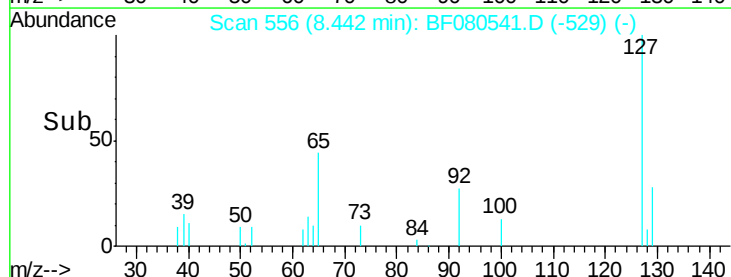
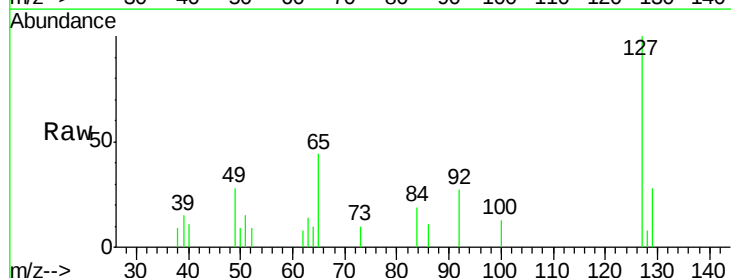
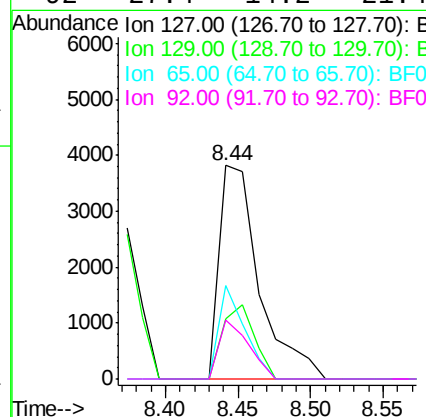
Manual Integrations
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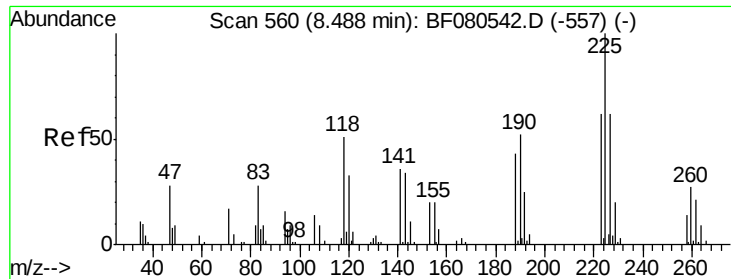
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#33
4-Chloroaniline
Concen: 2.10 ng
RT: 8.44 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	7325		
129	28.0	25.3	37.9	
65	43.5	23.5	35.3#	
92	27.4	14.2	21.4#	





#34

Hexachlorobutadiene

Concen: 2.14 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

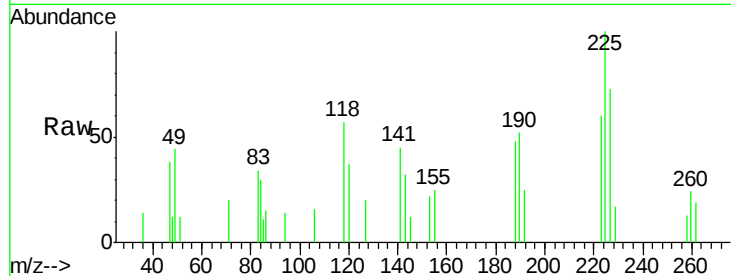
ClientSampleId :

SSTDICC2.5

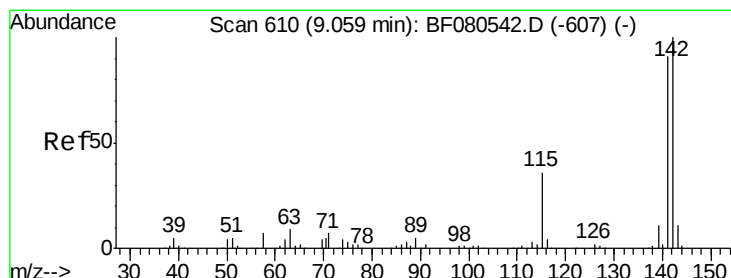
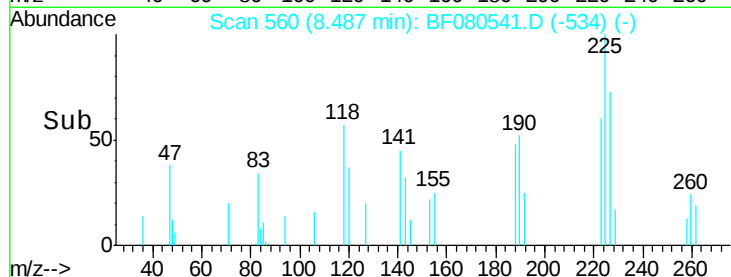
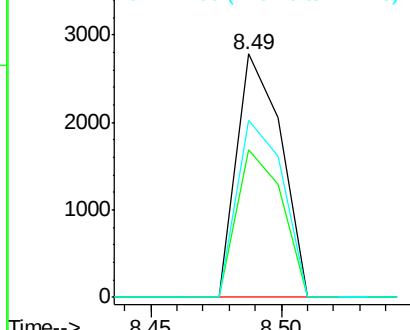
Tgt Ion:	225	Resp:	3319
Ion Ratio	Lower	Upper	
225	100		
223	60.4	49.4	74.2
227	72.9	49.3	73.9

Manual Integrations
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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 2.57 ng

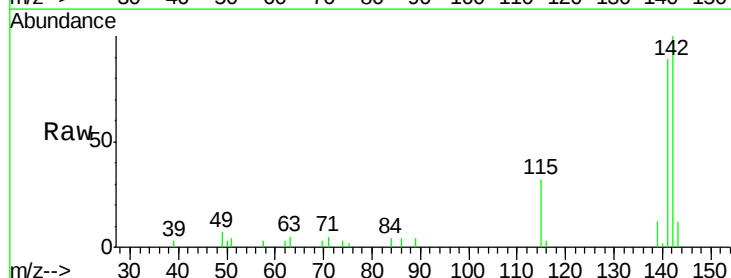
RT: 9.07 min Scan# 611

Delta R.T. 0.01 min

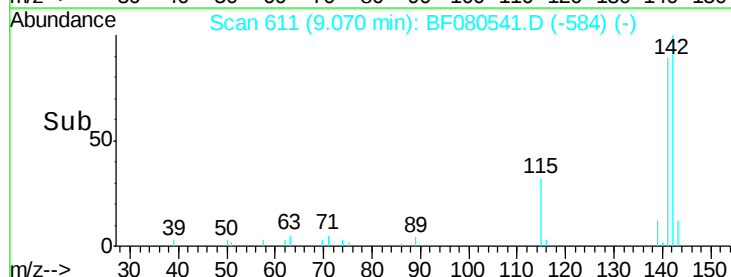
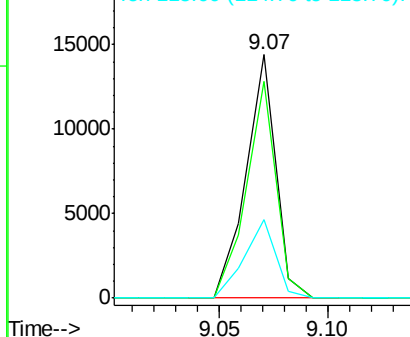
Lab File: BF080541.D

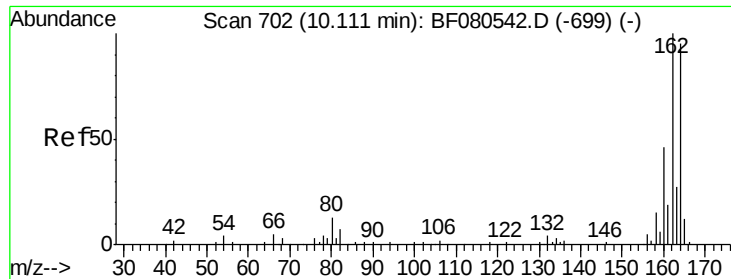
Acq: 17 Jul 2015 18:58

Tgt Ion:	142	Resp:	13740
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.5	108.7
115	32.1	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080541.D

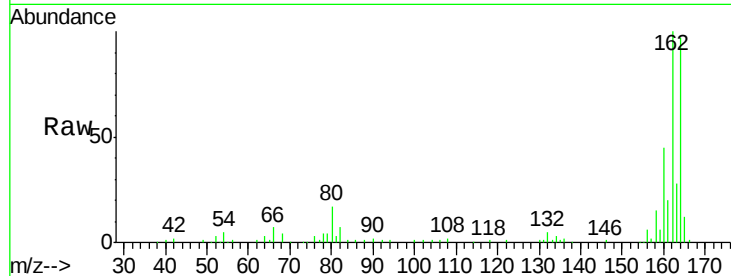
Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

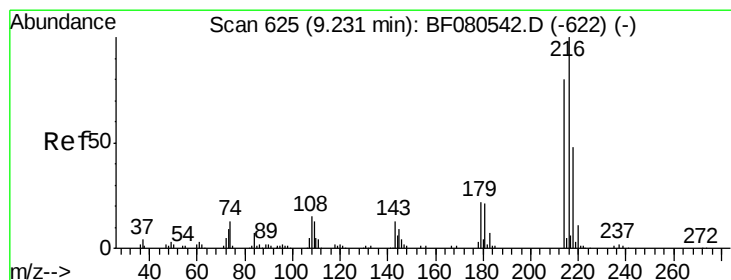
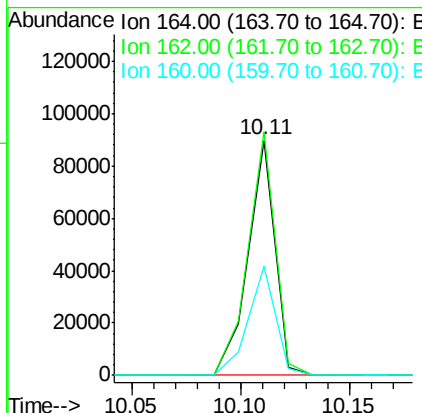
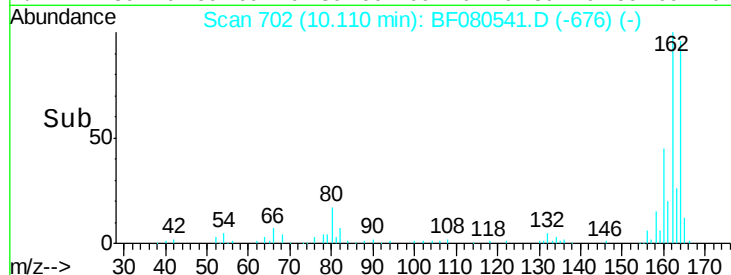
SSTDICC2.5



Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.1	126.1
160	46.4	38.8	58.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.60 ng

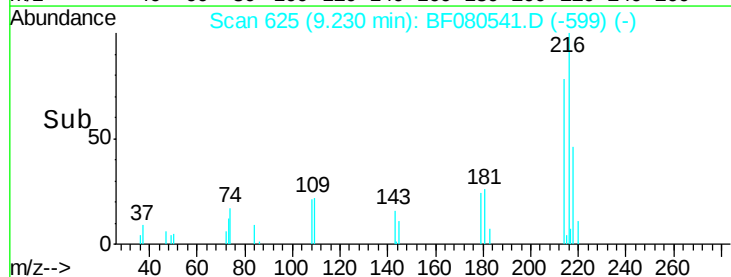
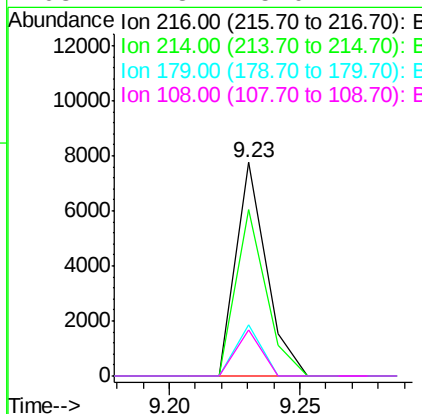
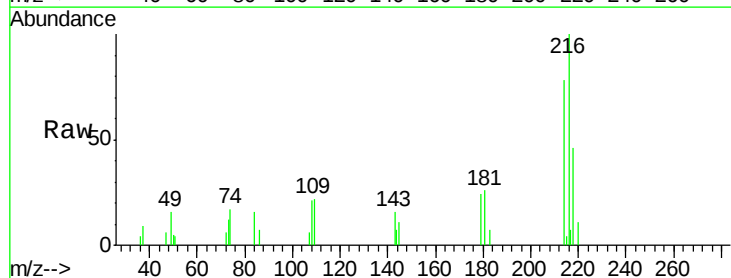
RT: 9.23 min Scan# 625

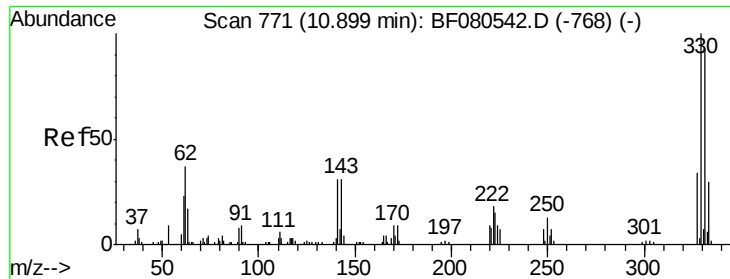
Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	63.6	95.4
179	19.8	18.3	27.5
108	17.8	15.0	22.4





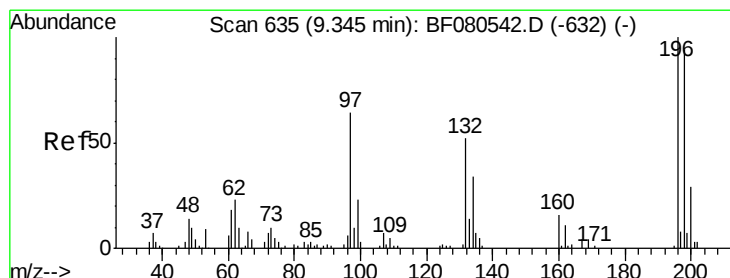
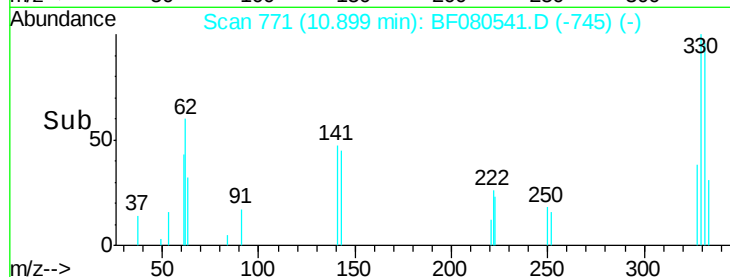
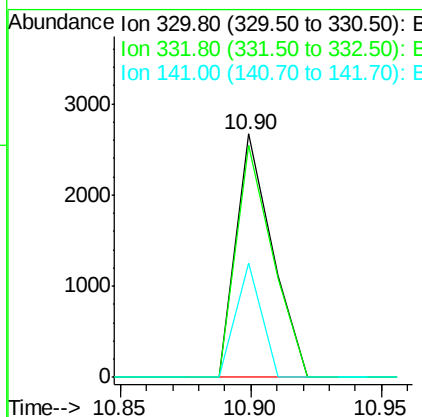
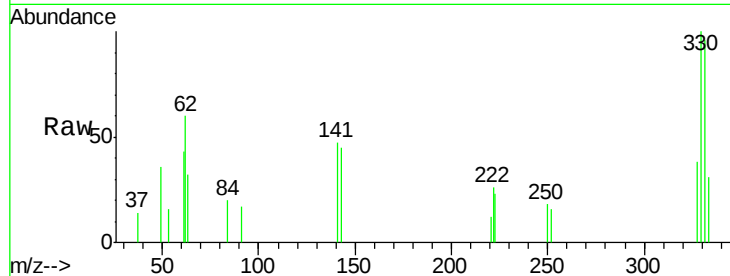
#41
 2,4,6-Tribromophenol
 Concen: 4.23 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	2595		
332	96.0		74.3	111.5
141	33.1		29.0	43.4

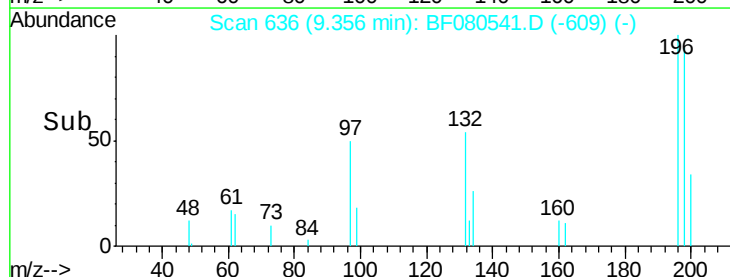
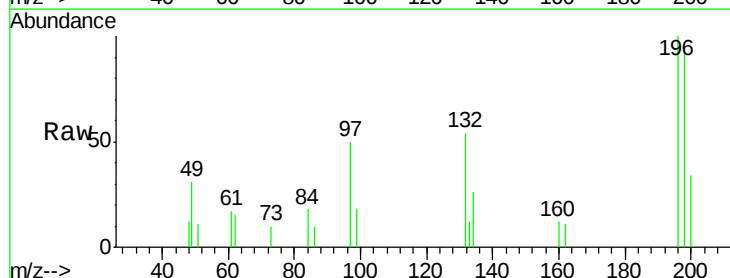
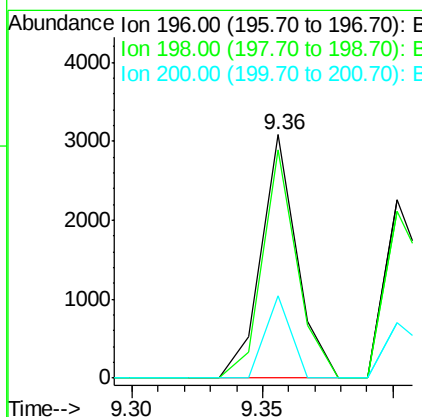
Manual Integrations
 APPROVED

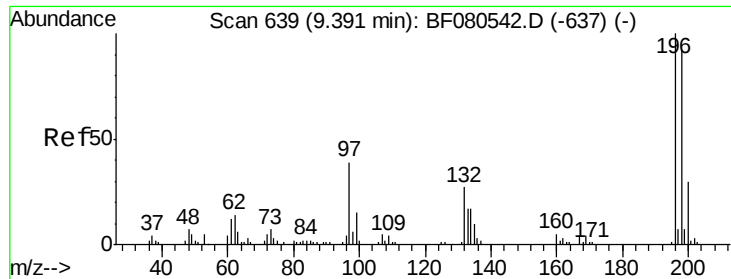
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#42
 2,4,6-Trichlorophenol
 Concen: 2.02 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2975		
198	94.0		75.4	113.2
200	33.9		23.3	34.9





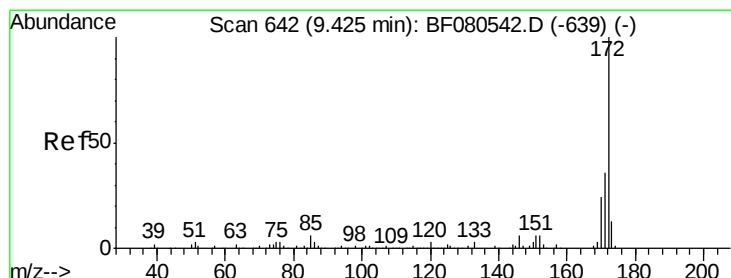
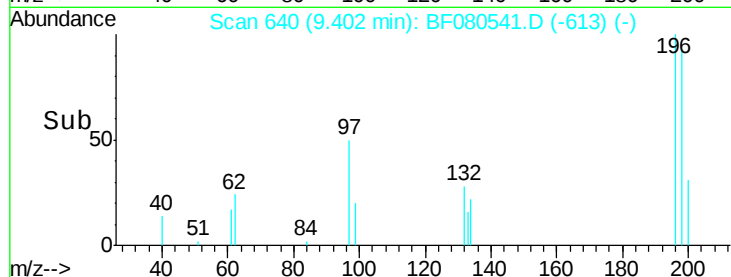
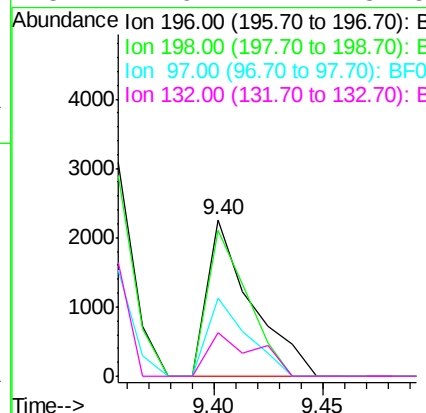
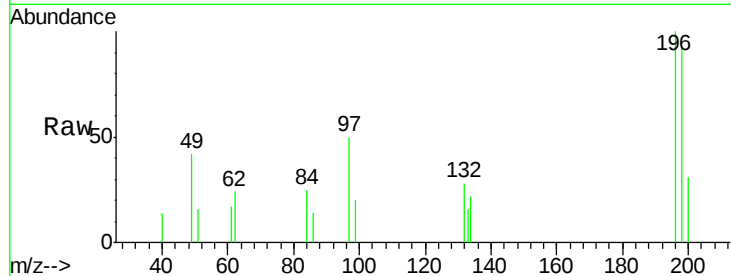
#43
 2,4,5-Trichlorophenol
 Concen: 2.06 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	3203		
198	93.4	73.8	110.8	
97	50.0	31.3	46.9	
132	27.6	21.7	32.5	

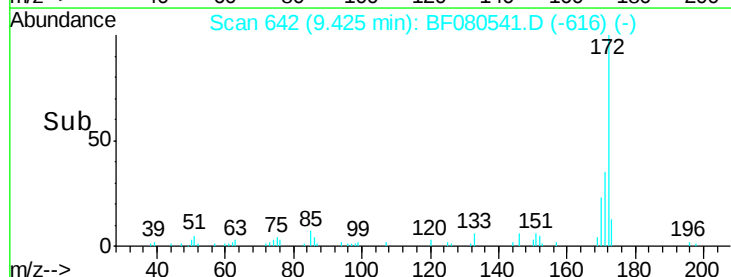
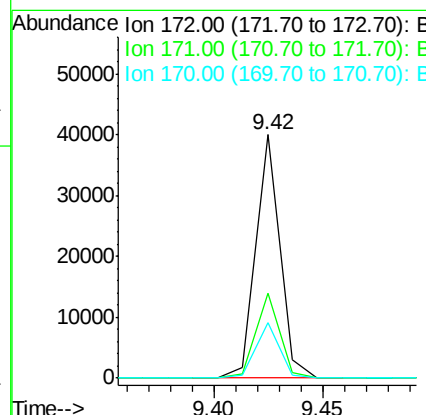
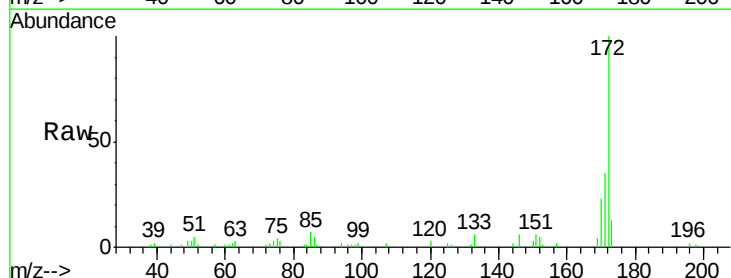
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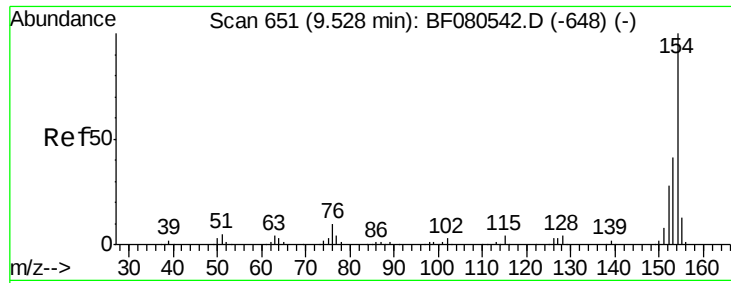
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#44
 2-Fluorobiphenyl
 Concen: 5.45 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	30687		
171	35.1	28.8	43.2	
170	22.9	19.0	28.4	





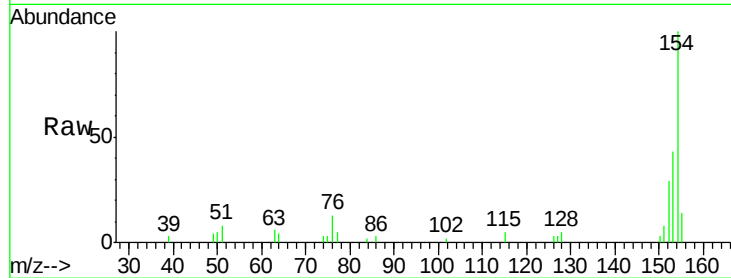
#45
 1,1'-Biphenyl
 Concen: 2.58 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

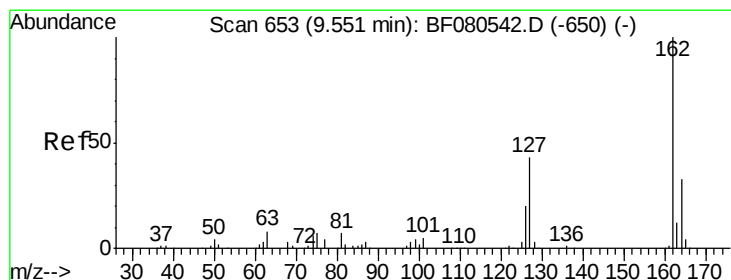
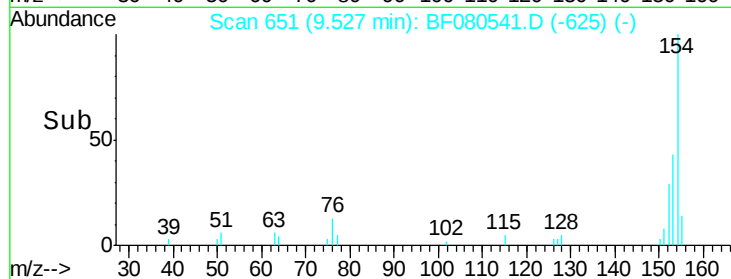
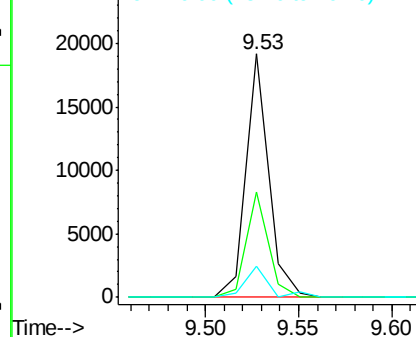
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	20.6	60.6
76	12.7	0.0	29.6

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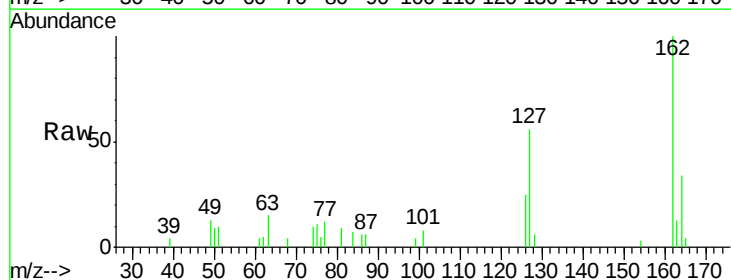


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

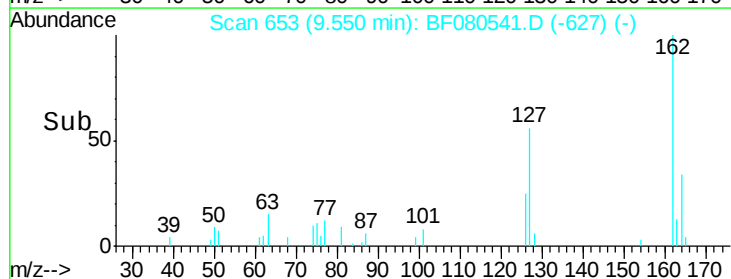
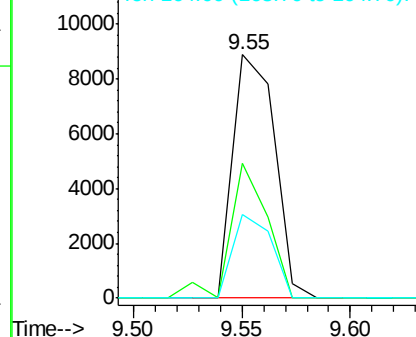


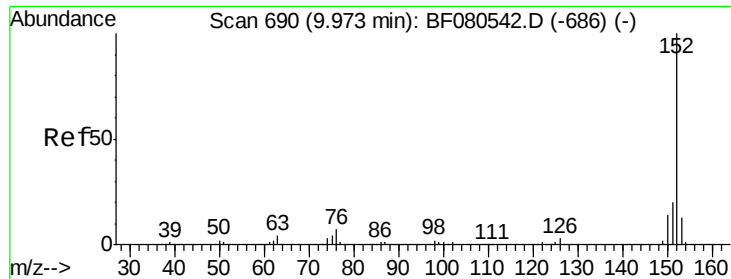
#46
 2-Chloronaphthalene
 Concen: 2.49 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	55.6	35.4	53.2#
164	34.1	26.2	39.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 2.21 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

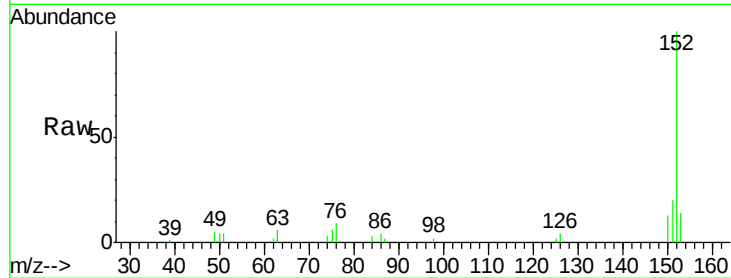
ClientSampleId :

SSTDICC2.5

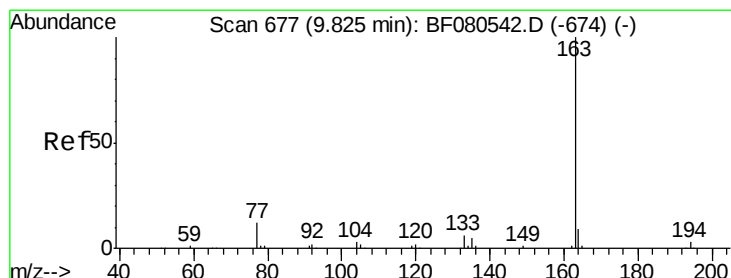
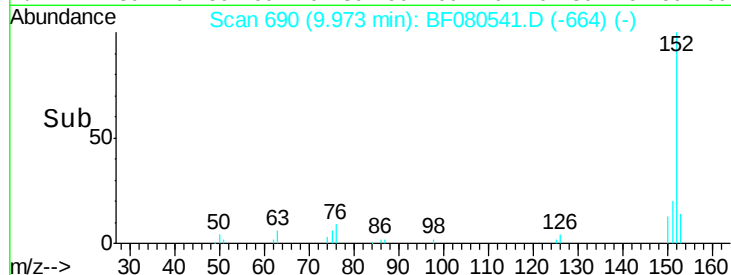
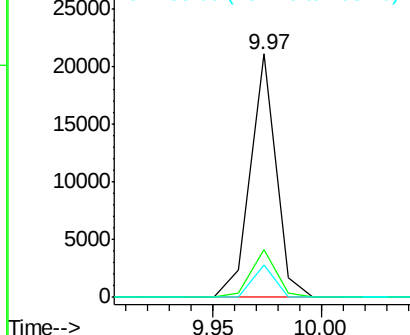
Tgt Ion:	152	Resp:	17288
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.5	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.18 ng

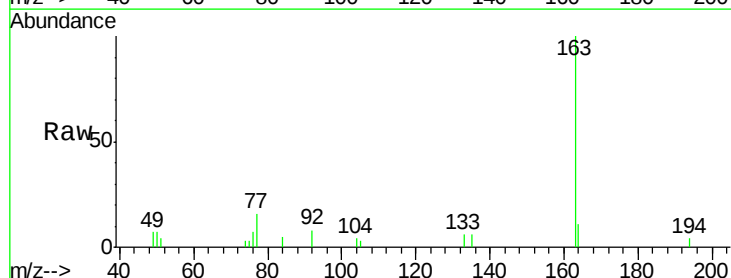
RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

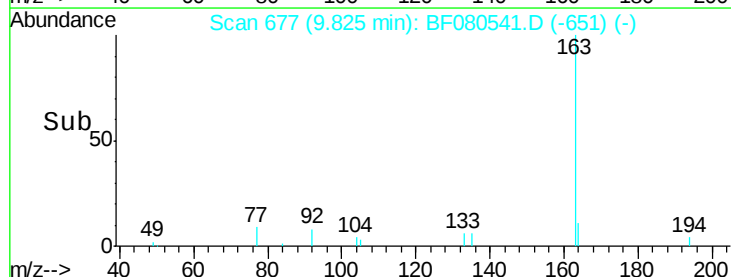
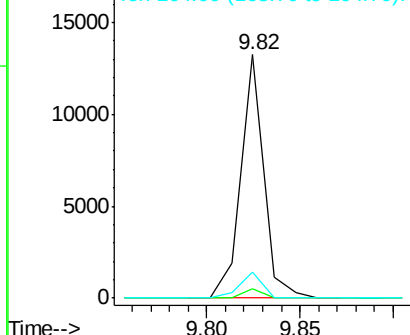
Lab File: BF080541.D

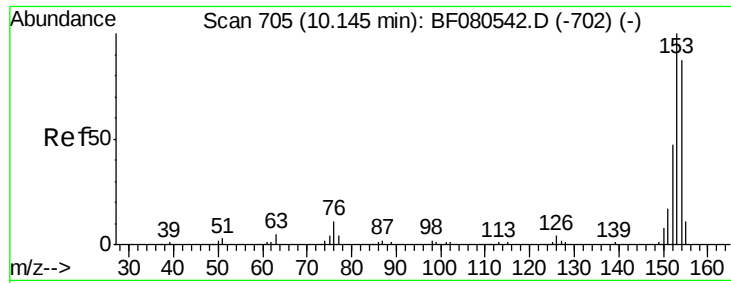
Acq: 17 Jul 2015 18:58

Tgt Ion:	163	Resp:	11397
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.5	7.4	11.2



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





#51

Acenaphthene

Concen: 2.44 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080541.D

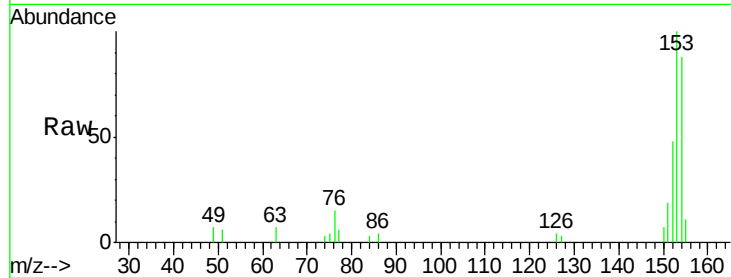
Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

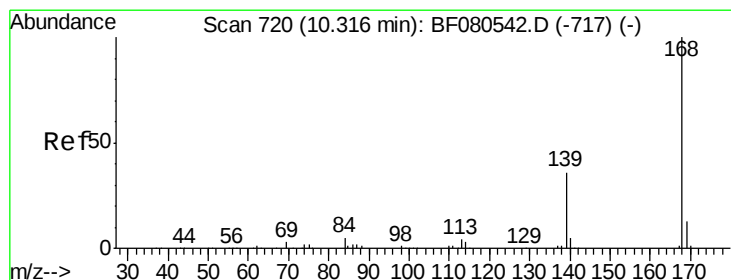
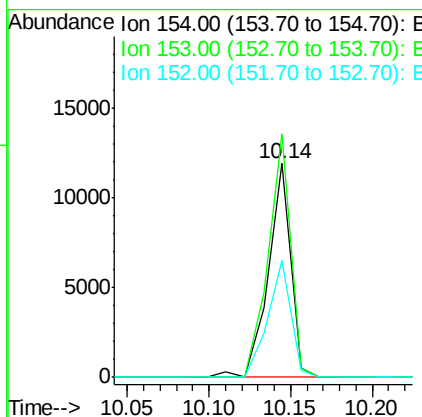
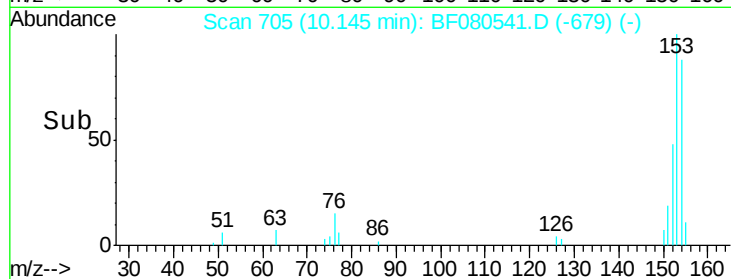
SSTDICC2.5



Tgt Ion:	154	Resp:	11386
Ion Ratio	Lower	Upper	
154	100		
153	113.9	92.3	138.5
152	54.6	43.4	65.2

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#54

Dibenzofuran

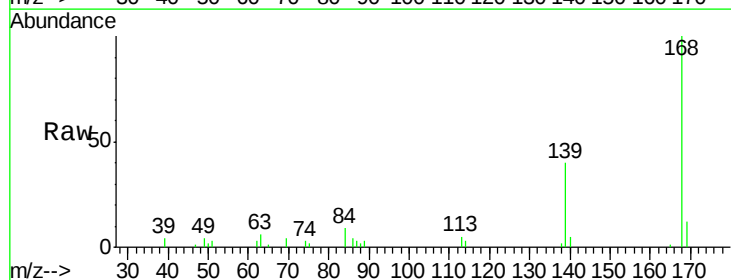
Concen: 2.67 ng

RT: 10.32 min Scan# 720

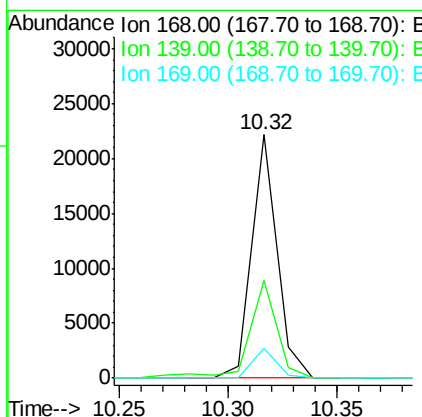
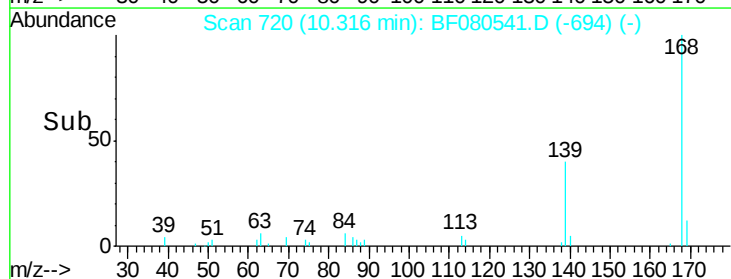
Delta R.T. -0.00 min

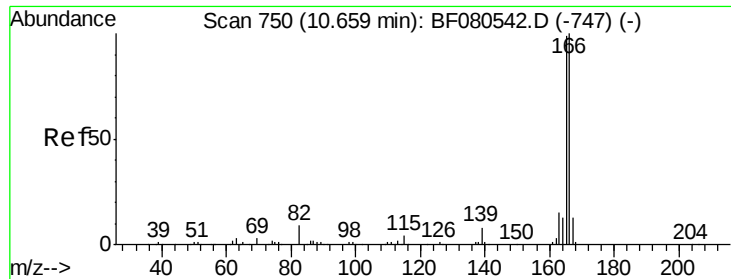
Lab File: BF080541.D

Acq: 17 Jul 2015 18:58



Tgt Ion:	168	Resp:	17890
Ion Ratio	Lower	Upper	
168	100		
139	40.3	29.0	43.4
169	12.4	10.6	15.8





#57

Fluorene

Concen: 2.50 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

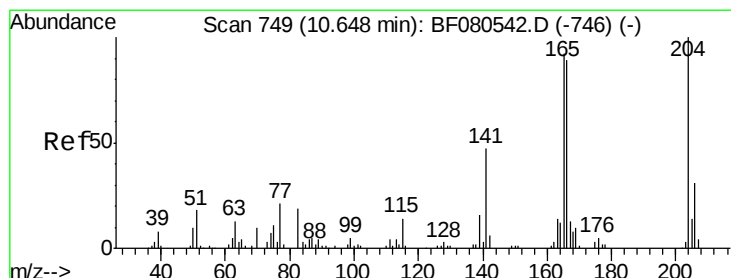
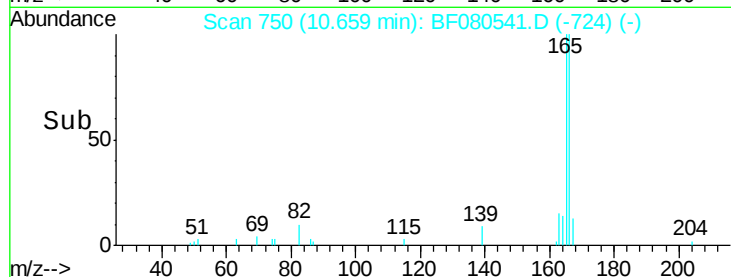
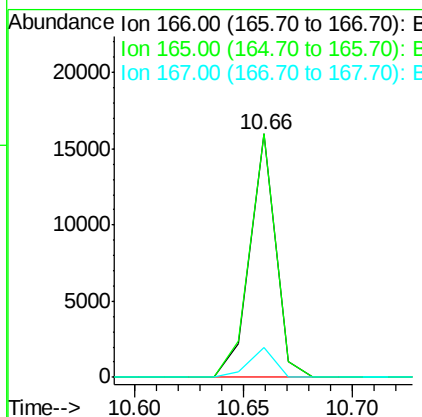
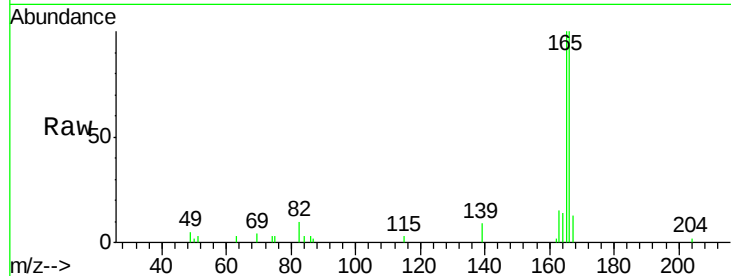
ClientSampleId :

SSTDICC2.5

Tgt Ion:	166	Resp:	13178
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.0	118.4
167	12.5	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 2.58 ng

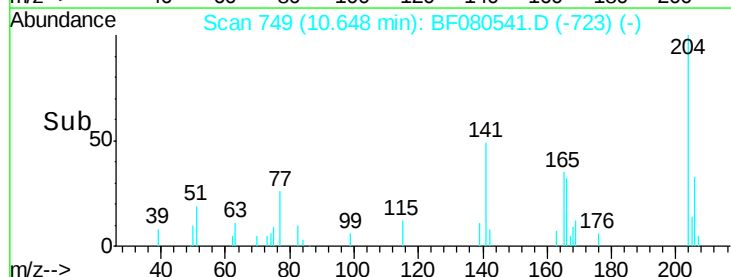
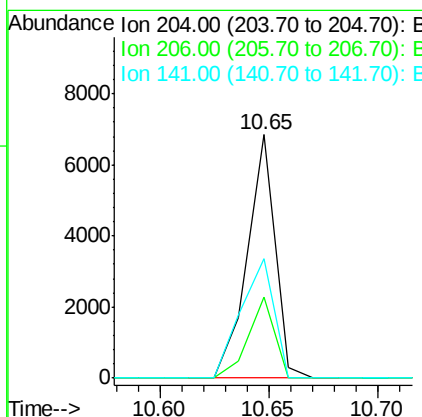
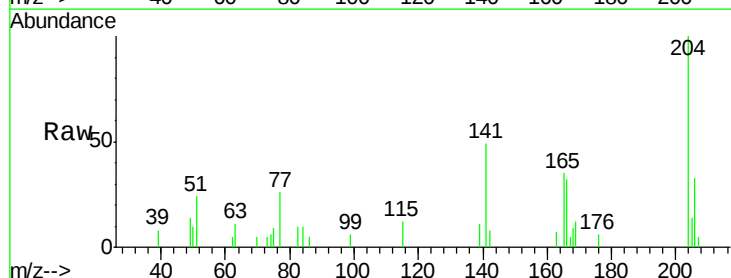
RT: 10.65 min Scan# 749

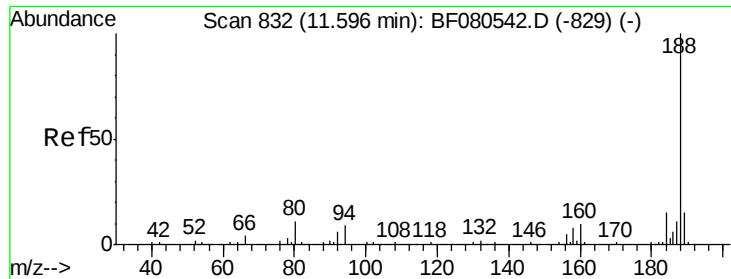
Delta R.T. -0.00 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion:	204	Resp:	6076
Ion Ratio	Lower	Upper	
204	100		
206	33.1	24.9	37.3
141	49.2	37.9	56.9





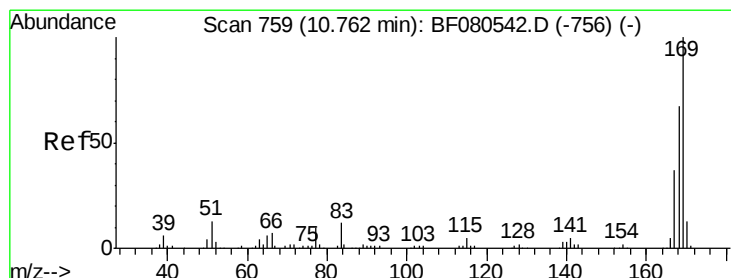
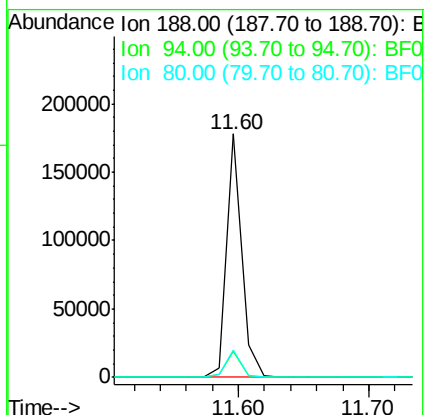
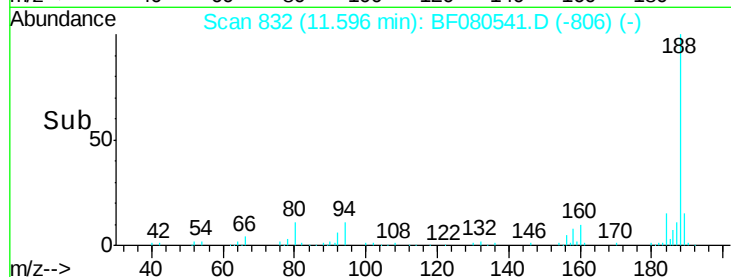
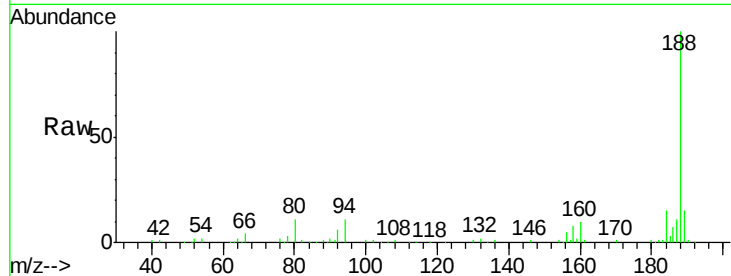
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:	188	Resp:	144341
Ion Ratio	Lower	Upper	
188	100		
94	10.6	7.6	11.4
80	11.4	8.6	12.8

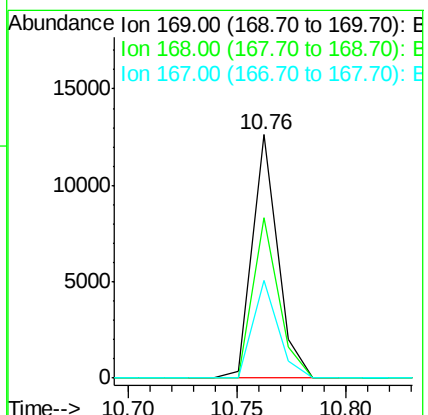
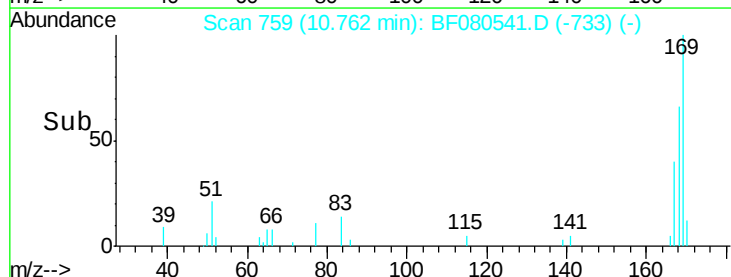
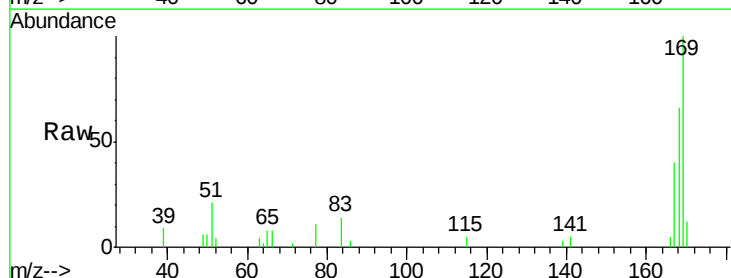
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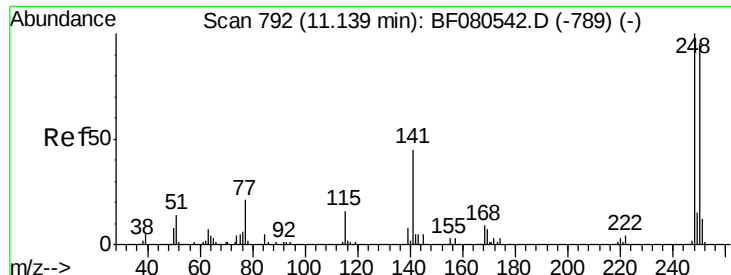
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#65
n-Nitrosodiphenylamine
Concen: 2.12 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion:	169	Resp:	10307
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.3	79.9
167	39.9	29.3	43.9





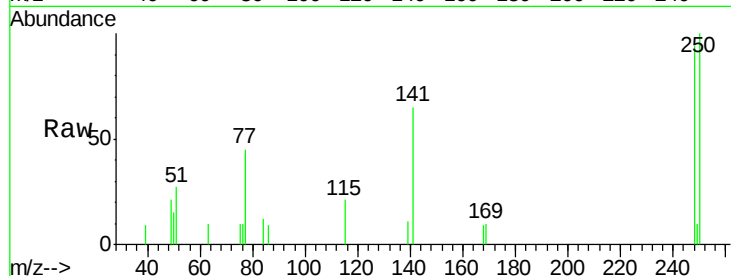
#66
4-Bromophenyl-phenylether
Concen: 2.05 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

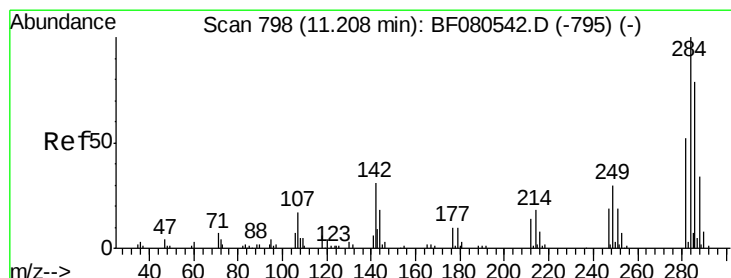
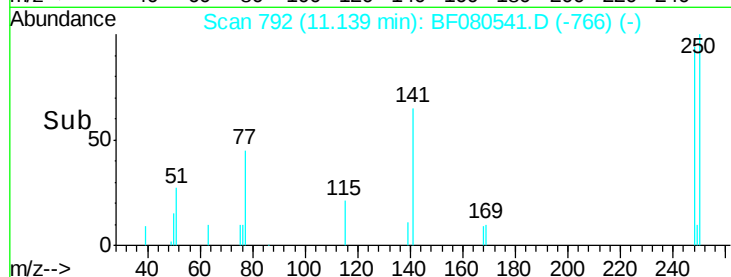
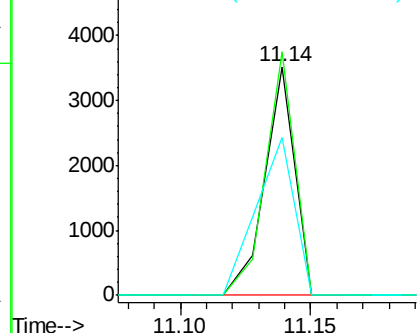
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	2842		
250	106.5	76.4	114.6	
141	69.1	36.0	54.0	

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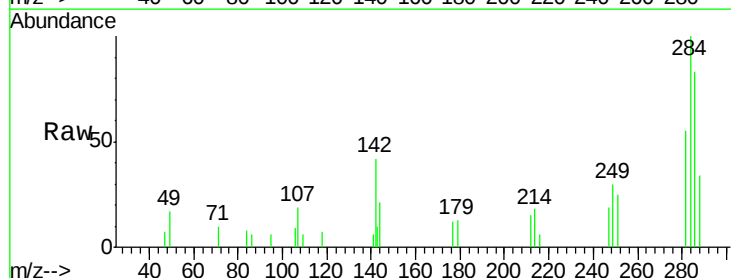


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

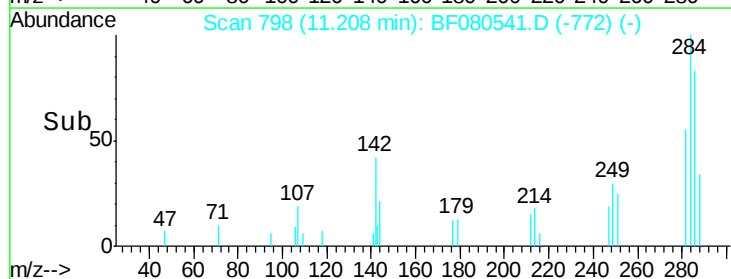
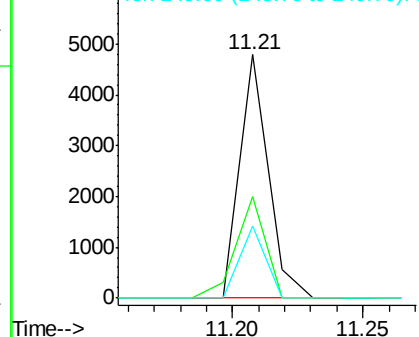


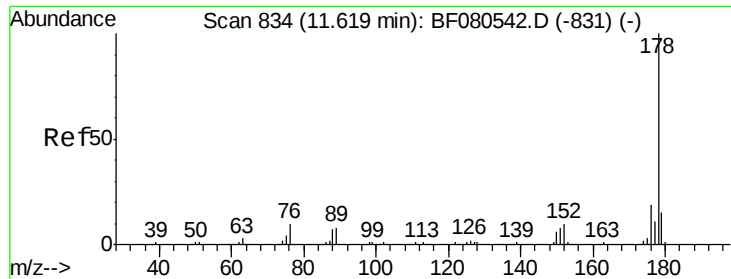
#67
Hexachlorobenzene
Concen: 2.37 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	3672		
142	41.6	24.8	37.2	
249	29.8	24.2	36.2	



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





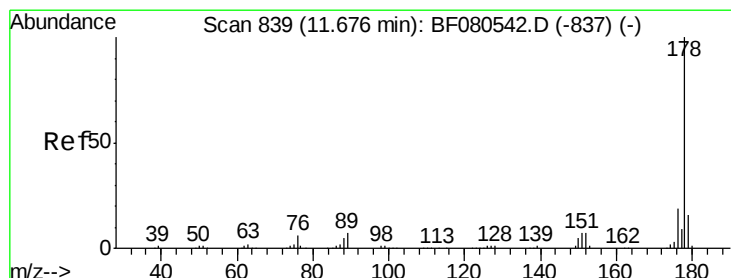
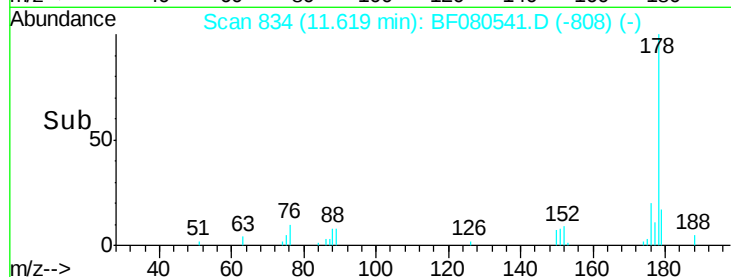
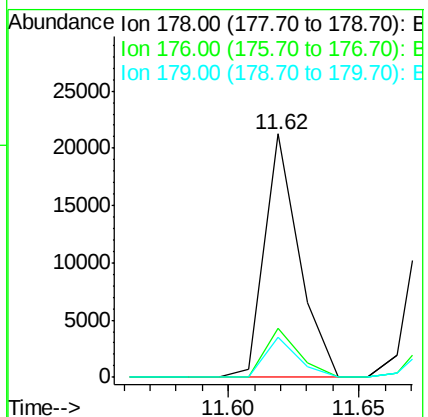
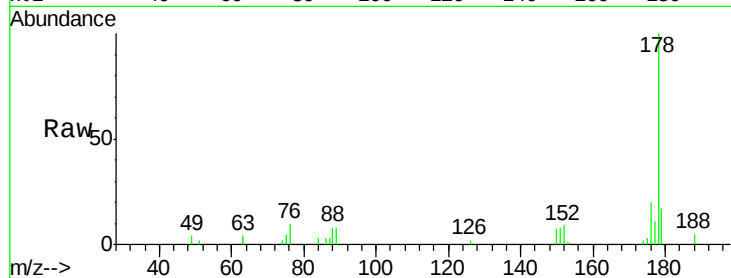
#70
Phenanthrene
Concen: 2.43 ng
RT: 11.62 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.7	12.0	18.0

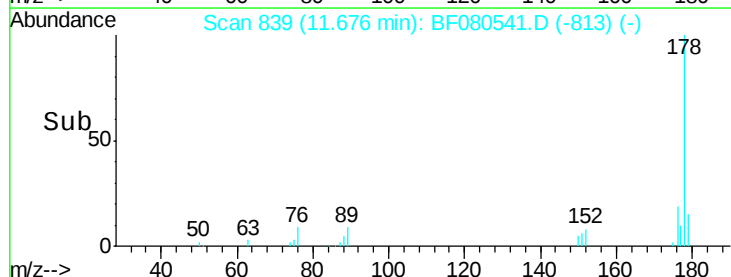
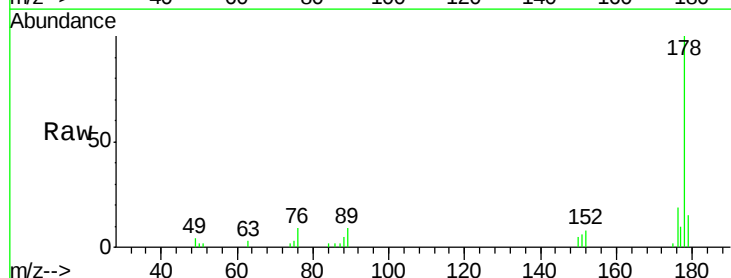
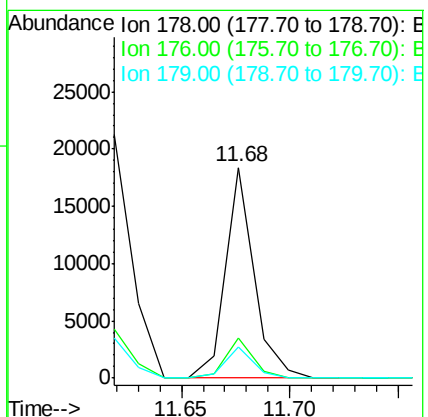
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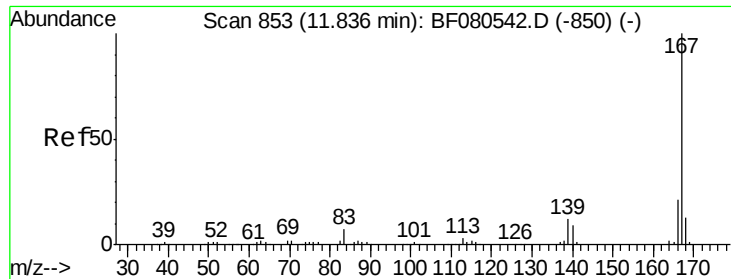
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#71
Anthracene
Concen: 2.19 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	14.9	12.4	18.6





#72

Carbazole

Concen: 2.20 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF080541.D

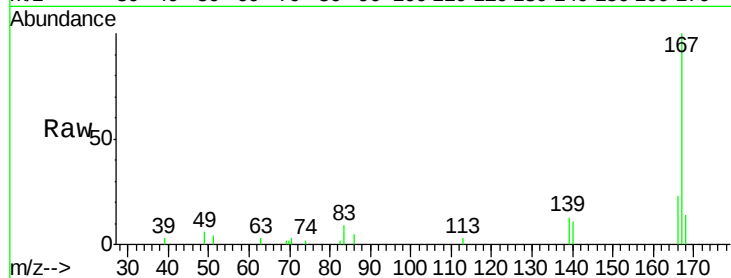
Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

ClientSampleId :

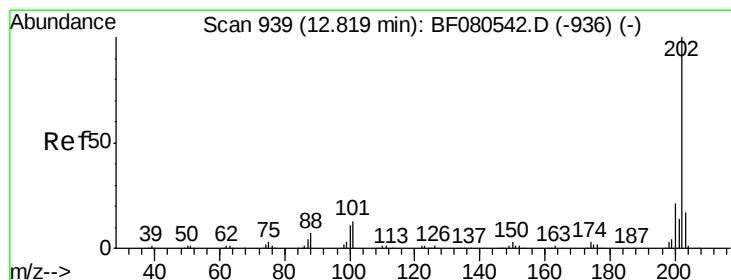
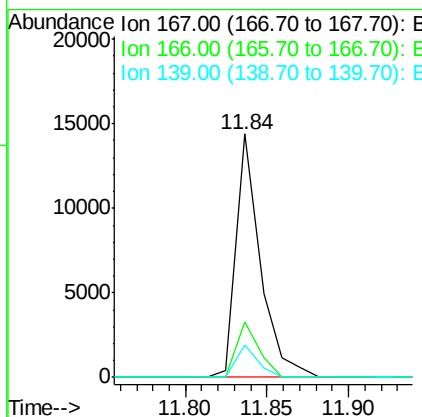
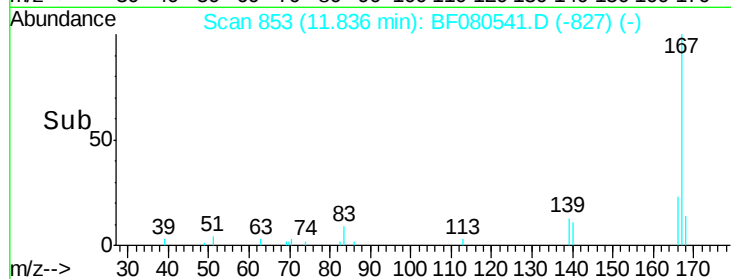
SSTDICC2.5



Tgt Ion:	167	Resp:	14764
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	13.1	9.8	14.8

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#74

Fluoranthene

Concen: 2.07 ng

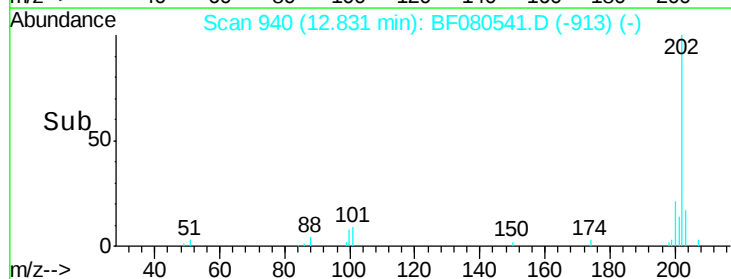
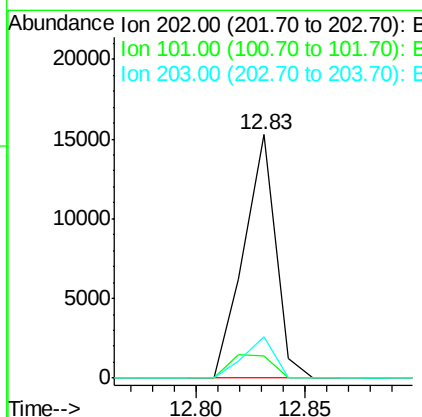
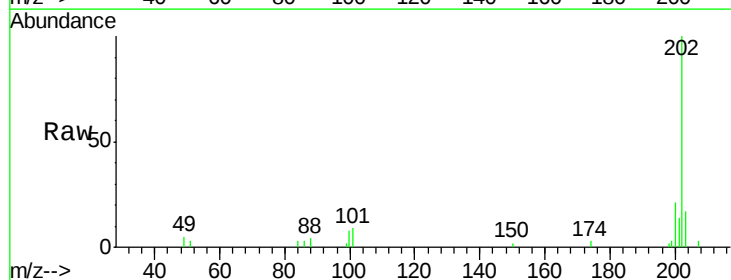
RT: 12.83 min Scan# 940

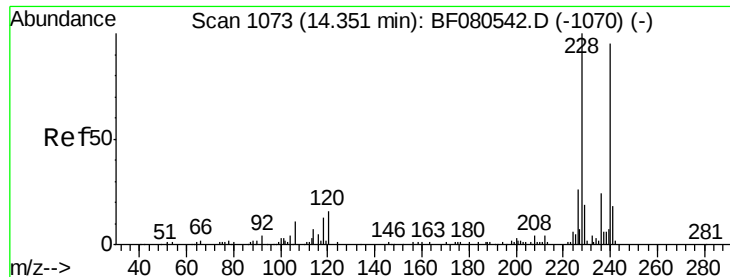
Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion:	202	Resp:	15543
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	32.9
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.37 min Scan# 1075

Delta R.T. 0.02 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

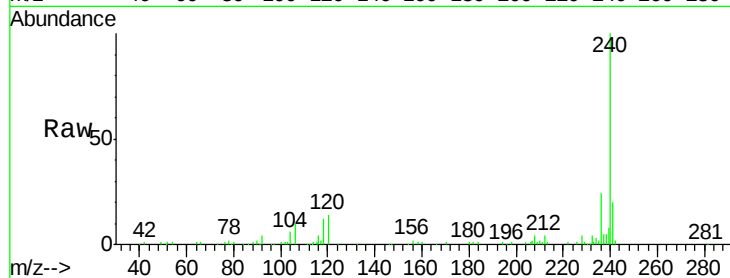
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	108828		
120	13.5	13.6	20.4#	
236	24.5	20.2	30.4	

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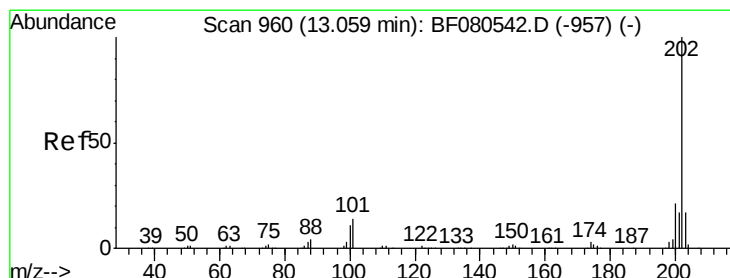
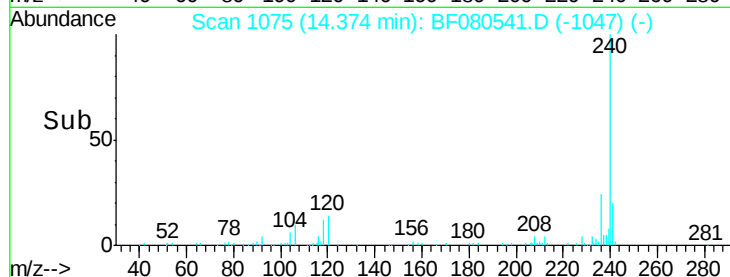
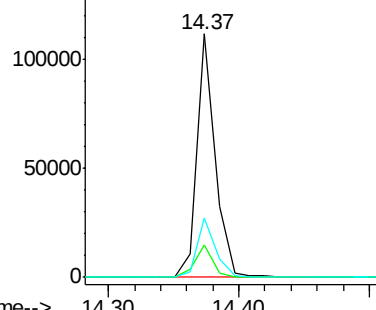
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.31 ng

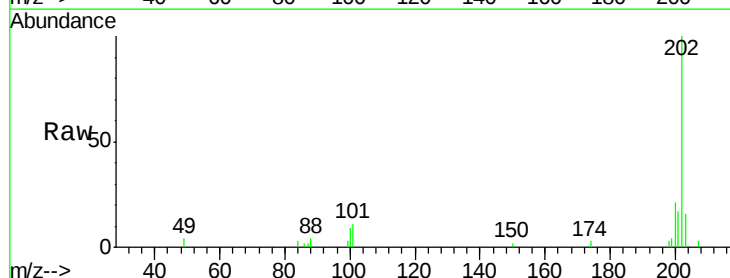
RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

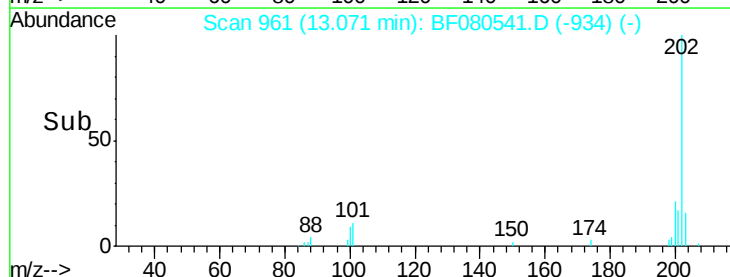
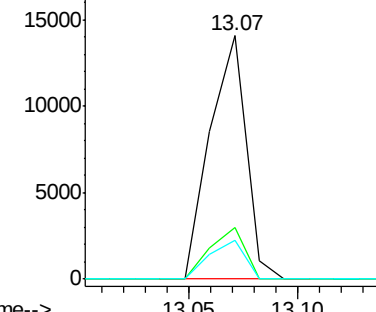
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16260		
200	20.9	16.7	25.1	
203	16.2	14.0	21.0	

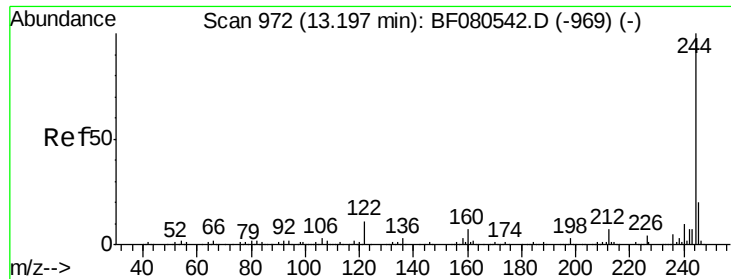


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





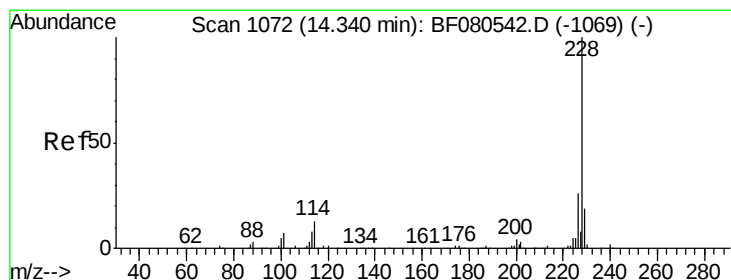
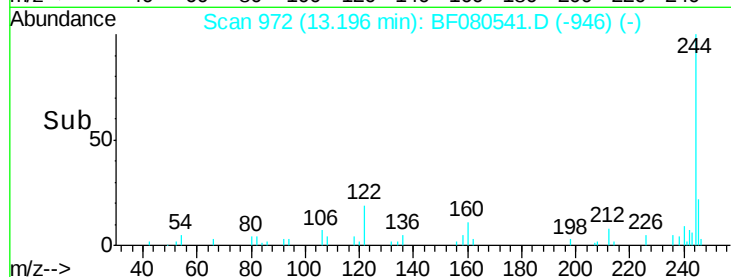
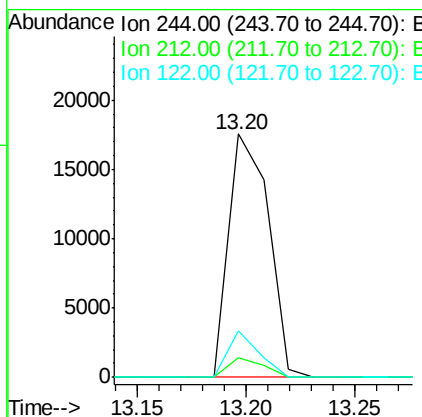
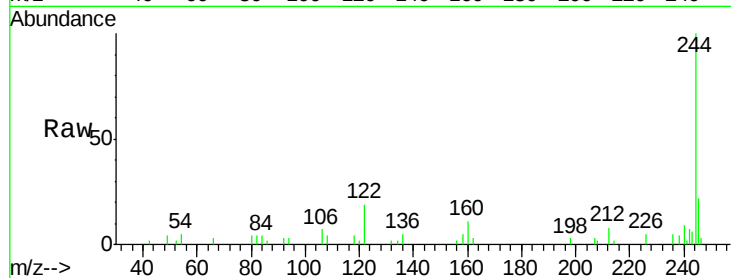
#78
 Terphenyl-d14
 Concen: 4.28 ng
 RT: 13.20 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	5.5	8.3
122	18.9	9.0	13.4

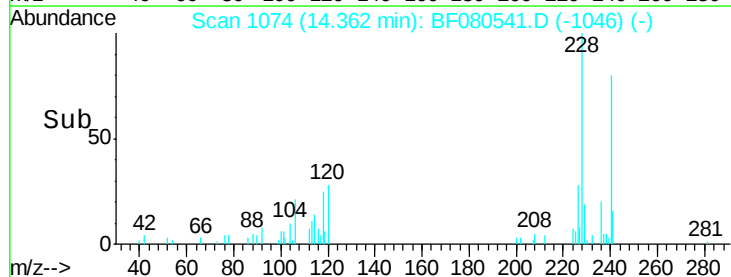
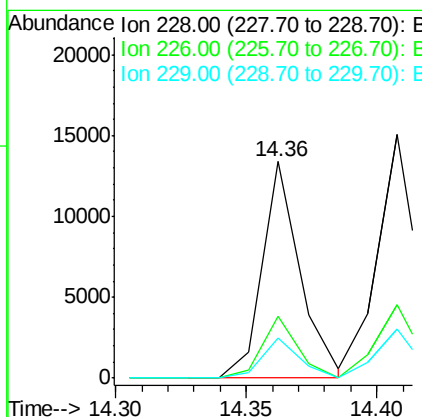
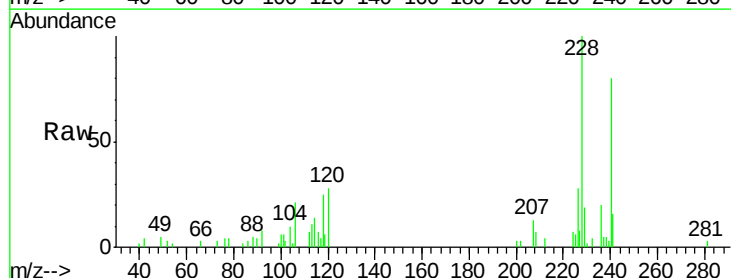
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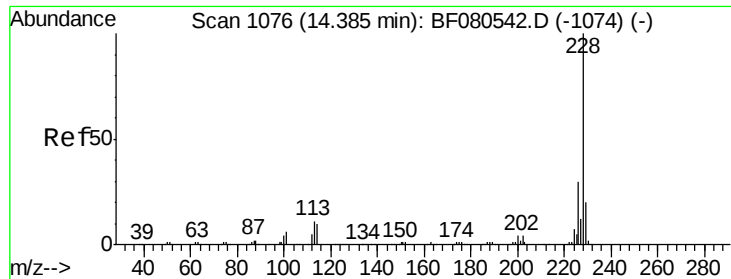
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#80
 Benzo(a)anthracene
 Concen: 2.20 ng
 RT: 14.36 min Scan# 1074
 Delta R.T. 0.02 min
 Lab File: BF080541.D
 Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	21.4	32.2
229	18.6	15.5	23.3





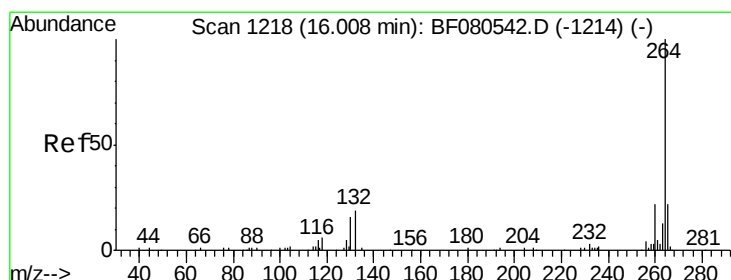
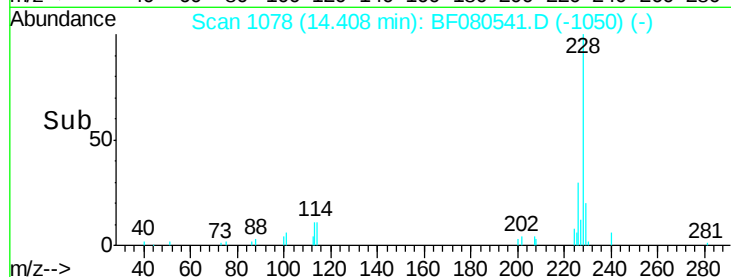
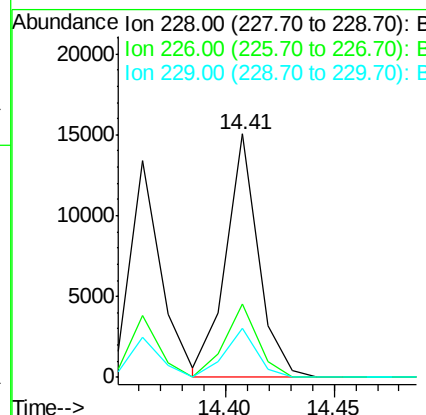
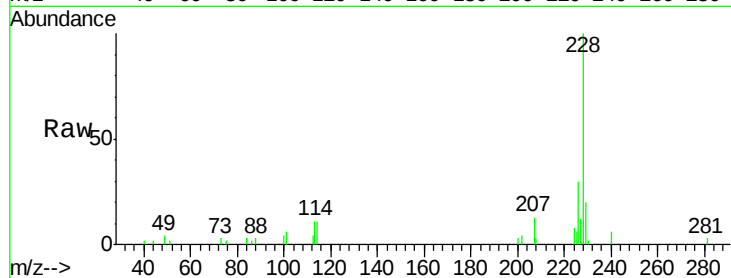
#82
Chrysene
Concen: 2.63 ng
RT: 14.41 min Scan# 1078
Delta R.T. 0.02 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.2	15.8	23.6

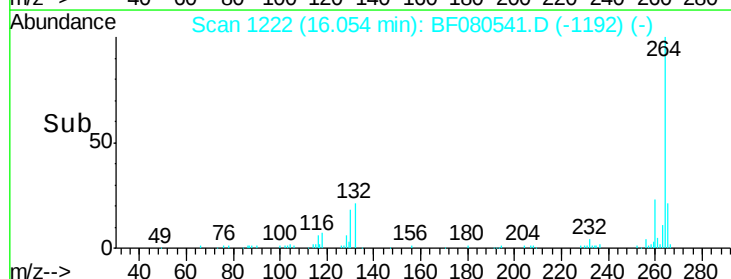
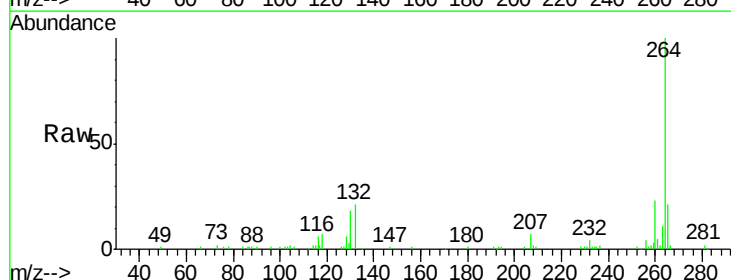
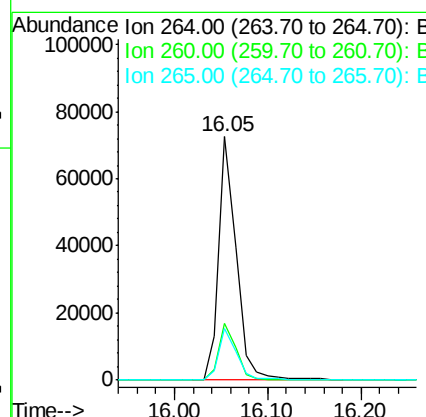
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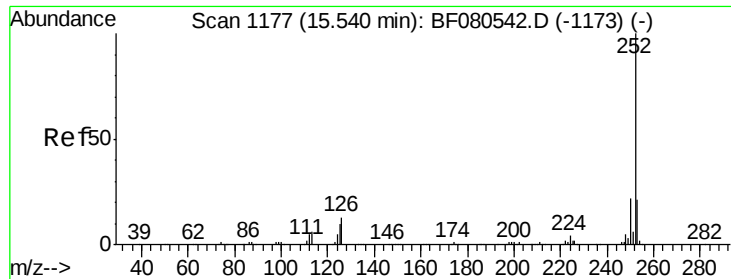
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.05 min
Lab File: BF080541.D
Acq: 17 Jul 2015 18:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.8
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.34 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.06 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Instrument :

BNA_F

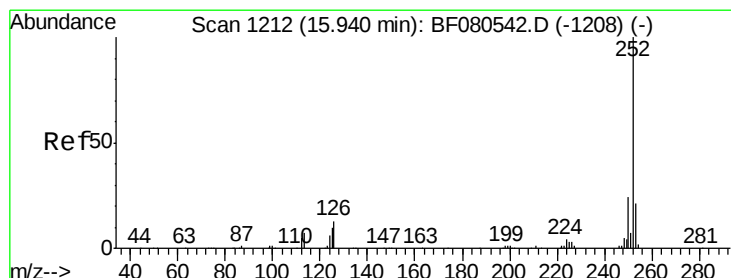
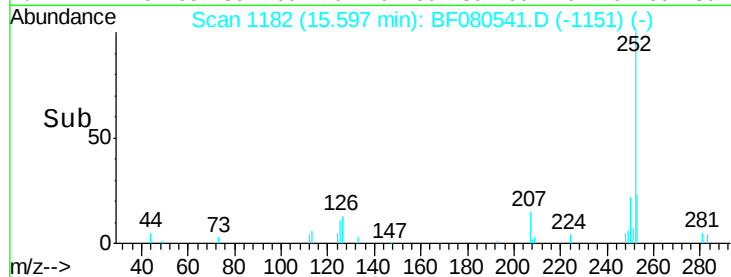
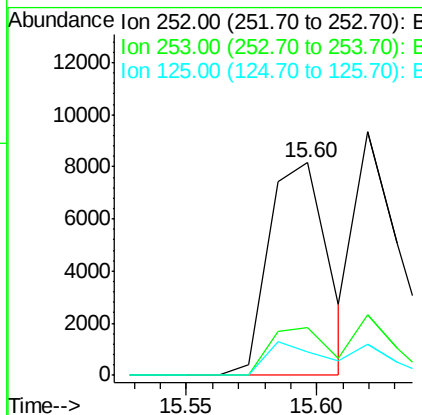
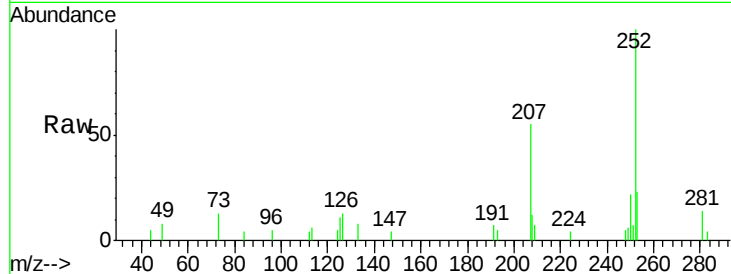
ClientSampleId :

SSTDICC2.5

Tgt Ion:	252	Resp:	12837
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	10.8	8.1	12.1

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#89

Benzo(a)pyrene

Concen: 2.02 ng

RT: 15.99 min Scan# 1216

Delta R.T. 0.05 min

Lab File: BF080541.D

Acq: 17 Jul 2015 18:58

Tgt Ion:	252	Resp:	10321
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	17.7	8.1	12.1#

