

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080547.D
 Acq On : 17 Jul 2015 21:53
 Operator : TP/UM
 Sample : G2992-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Manual Integrations
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 7/20/2015 3:44:14 PM

Quant Time: Jul 20 14:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 20 13:29:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42558	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	192112	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	90747	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	179572	20.00	ng	0.00
75) Chrysene-d12	14.39	240	162576	20.00	ng	0.03
86) Perylene-d12	16.08	264	158420	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	427186	156.50	ng	0.00
7) Phenol-d6	6.70	99	518511	166.92	ng	0.00
23) Nitrobenzene-d5	7.63	82	306982	101.88	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	138659	170.75	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	621686	96.22	ng	0.00
78) Terphenyl-d14	13.21	244	620282	85.20	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	48263	42.27	ng	95
3) Pyridine	3.70	79	96340	44.35	ng	96
4) n-Nitrosodimethylamine	3.54	42	81638	54.24	ng	96
6) Aniline	6.74	93	130886	31.97	ng	95
8) 2-Chlorophenol	6.85	128	148534	52.15	ng	100
9) Benzaldehyde	6.62	77	49996	28.50	ng	99
10) Phenol	6.73	94	178866	49.79	ng	88
11) bis(2-Chloroethyl)ether	6.80	93	142110	52.34	ng	99
12) 1,3-Dichlorobenzene	7.00	146	155600	48.54	ng	99
13) 1,4-Dichlorobenzene	7.08	146	170611	48.33	ng	100
14) 1,2-Dichlorobenzene	7.24	146	149935	46.18	ng	99
15) Benzyl Alcohol	7.22	79	103358	52.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	221952	48.04	ng	97
17) 2-Methylphenol	7.33	107	109140	50.24	ng	98
18) Hexachloroethane	7.58	117	51047	45.11	ng	99
19) n-Nitroso-di-n-propylamine	7.47	70	97310	50.73	ng	99
20) 3+4-Methylphenols	7.48	107	161285	51.43	ng	98
22) Acetophenone	7.47	105	192671	46.73	ng	99
24) Nitrobenzene	7.65	77	144294	42.38	ng	98
25) Isophorone	7.88	82	286165	49.75	ng	99
26) 2-Nitrophenol	7.97	139	76968	46.07	ng	98
27) 2,4-Dimethylphenol	8.01	122	144432	50.47	ng	100
28) bis(2-Chloroethoxy)methane	8.10	93	150614	47.29	ng	99
29) 2,4-Dichlorophenol	8.21	162	128406	53.00	ng	99
30) 1,2,4-Trichlorobenzene	8.29	180	140698	45.43	ng	98
31) Naphthalene	8.37	128	452814	47.62	ng	99
32) Benzoic acid	8.10	122	34186	30.58	ng	93
33) 4-Chloroaniline	8.43	127	89866	23.72	ng	96
34) Hexachlorobutadiene	8.49	225	65619	45.43	ng	99
35) Caprolactam	8.77	113	31136	50.86	ng	# 71
36) 4-Chloro-3-methylphenol	8.91	107	136320	54.61	ng	97
37) 2-Methylnaphthalene	9.06	142	288463	49.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	130409	45.44	ng	98
40) Hexachlorocyclopentadiene	9.22	237	146224	108.25	ng	99

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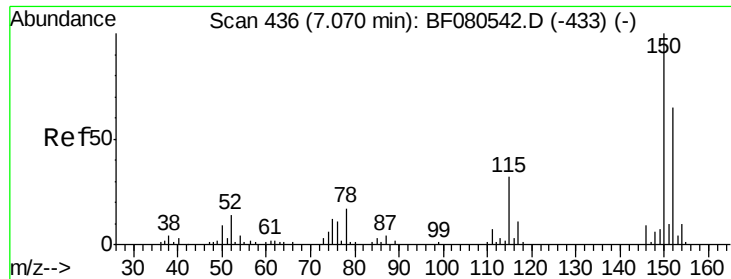
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	84573	51.17	ng	97
43) 2,4,5-Trichlorophenol	9.39	196	94647	52.41	ng	94
45) 1,1'-Biphenyl	9.53	154	361409	48.04	ng	99
46) 2-Chloronaphthalene	9.55	162	274717	49.56	ng	99
47) 2-Nitroaniline	9.65	65	73634	50.77	ng	97
48) Acenaphthylene	9.97	152	469381	51.13	ng	100
49) Dimethylphthalate	9.82	163	467814	77.47	ng	98
50) 2,6-Dinitrotoluene	9.89	165	64645	50.92	ng	# 45
51) Acenaphthene	10.14	154	294504	52.49	ng	99
52) 3-Nitroaniline	10.08	138	42675	33.02	ng	# 66
53) 2,4-Dinitrophenol	10.17	184	62643	87.71	ng	# 85
54) Dibenzofuran	10.32	168	397288	50.87	ng	97
55) 4-Nitrophenol	10.24	139	112808	96.91	ng	93
56) 2,4-Dinitrotoluene	10.29	165	100395	54.77	ng	98
57) Fluorene	10.66	166	308739	49.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.44	232	68642	53.44	ng	95
59) Diethylphthalate	10.52	149	320784	56.27	ng	99
60) 4-Chlorophenyl-phenylether	10.65	204	134495	48.52	ng	94
61) 4-Nitroaniline	10.68	138	72525	48.66	ng	93
62) Azobenzene	10.81	77	303589	52.92	ng	# 77
64) 4,6-Dinitro-2-methylphenol	10.70	198	41506	47.58	ng	99
65) n-Nitrosodiphenylamine	10.76	169	269558	45.57	ng	99
66) 4-Bromophenyl-phenylether	11.14	248	77303	46.96	ng	95
67) Hexachlorobenzene	11.21	284	94513	47.34	ng	94
68) Atrazine	11.29	200	77867	55.62	ng	84
69) Pentachlorophenol	11.41	266	86388	78.87	ng	94
70) Phenanthrene	11.62	178	446464	45.64	ng	98
71) Anthracene	11.68	178	461818	48.59	ng	99
72) Carbazole	11.84	167	421328	49.49	ng	98
73) Di-n-butylphthalate	12.15	149	470200	50.00	ng	99
74) Fluoranthene	12.83	202	447329	48.91	ng	95
76) Benzidine	12.96	184	142399	32.73	ng	98
77) Pyrene	13.07	202	470194	44.81	ng	100
79) Butylbenzylphthalate	13.71	149	182522	50.18	ng	# 80
80) Benzo(a)anthracene	14.37	228	445661	49.25	ng	99
81) 3,3'-Dichlorobenzidine	14.33	252	82492	28.86	ng	# 94
82) Chrysene	14.42	228	412348	45.48	ng	99
83) Bis(2-ethylhexyl)phthalate	14.34	149	275655	49.82	ng	# 96
84) Di-n-octyl phthalate	15.08	149	432135	52.17	ng	100
85) Indeno(1,2,3-cd)pyrene	17.67	276	472934	50.63	ng	98
87) Benzo(b)fluoranthene	15.61	252	420232	42.80	ng	99
88) Benzo(k)fluoranthene	15.64	252	422764m	49.72	ng	
89) Benzo(a)pyrene	16.01	252	416301	49.75	ng	99
90) Dibenzo(a,h)anthracene	17.67	278	395825	48.04	ng	98
91) Benzo(g,h,i)perylene	18.13	276	414945	49.89	ng	# 94

(#) = 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

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BNA_F

ClientSampleId :

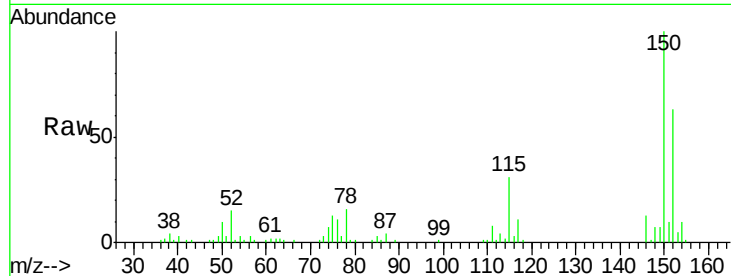
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	152	Resp:	42558
Ion Ratio	Lower	Upper	
152	100		
150	158.9	123.0	184.4
115	49.4	39.9	59.9

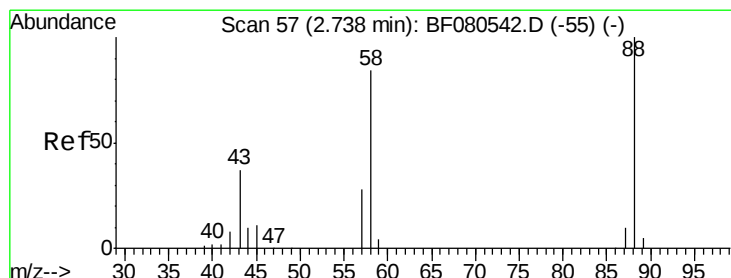
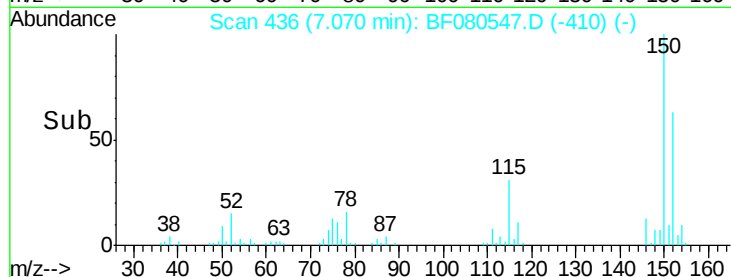
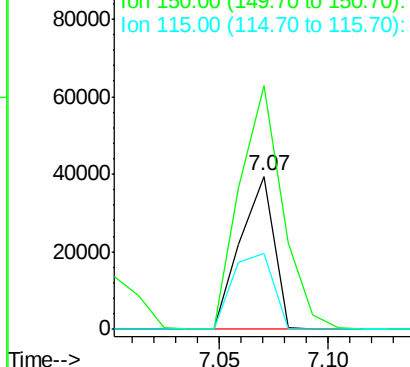
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.27 ng

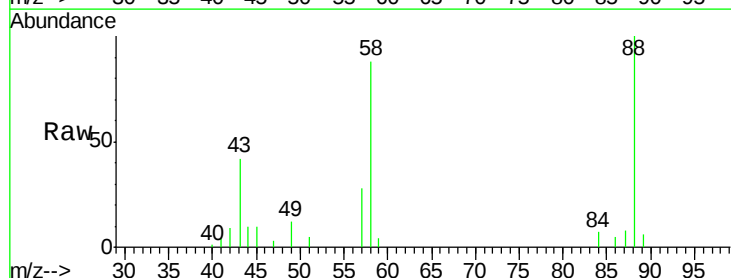
RT: 2.75 min Scan# 58

Delta R.T. 0.01 min

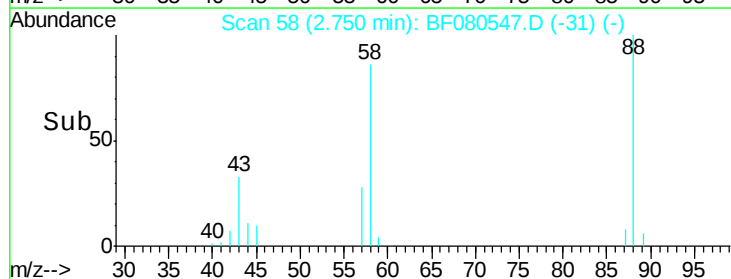
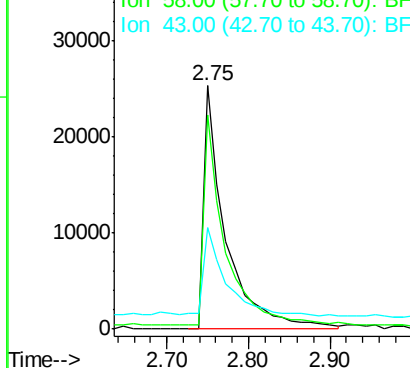
Lab File: BF080547.D

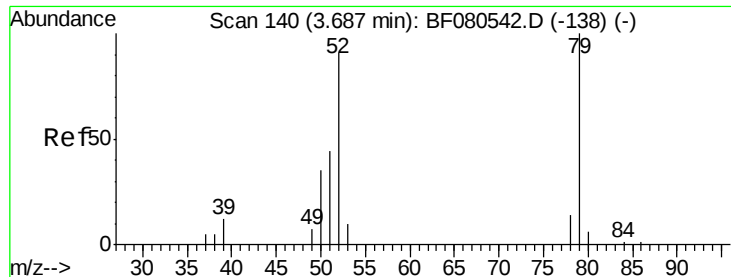
Acq: 17 Jul 2015 21:53

Tgt Ion:	88	Resp:	48263
Ion Ratio	Lower	Upper	
88	100		
58	83.9	63.4	95.0
43	36.2	27.1	40.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.35 ng

RT: 3.70 min Scan# 141

Delta R.T. 0.01 min

Lab File: BF080547.D

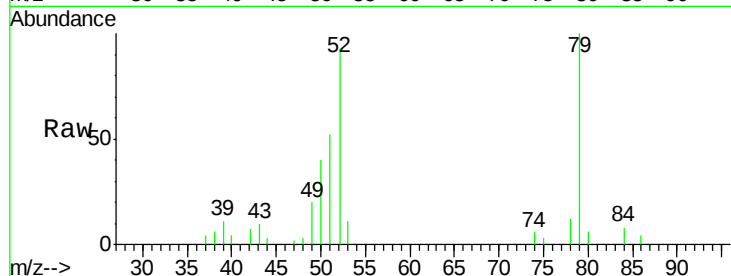
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

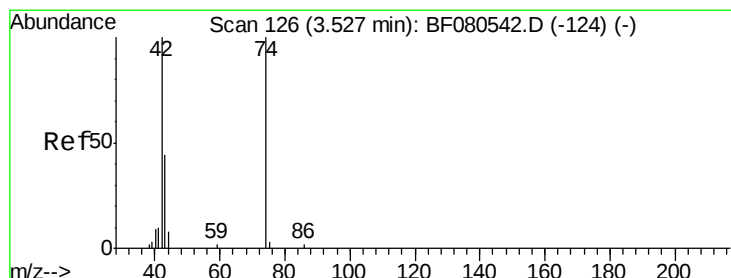
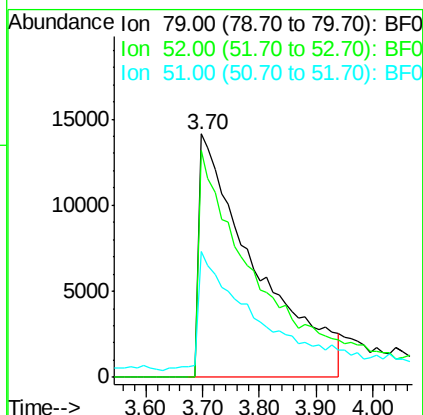
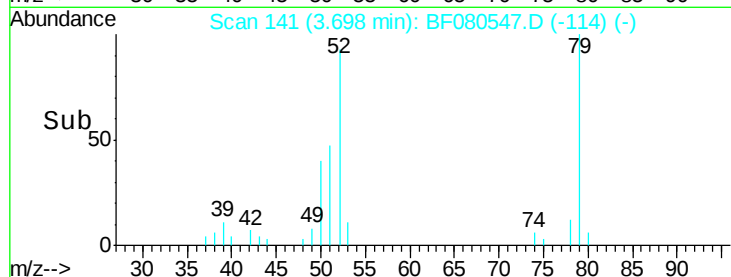
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Tgt Ion:	79	Resp:	96340
Ion	Ratio	Lower	Upper
79	100		
52	93.3	72.5	108.7
51	51.5	37.1	55.7

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#4

n-Nitrosodimethylamine

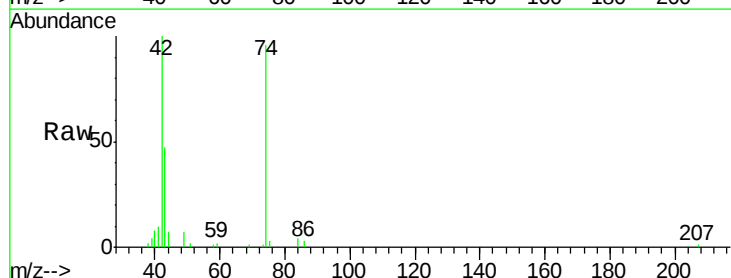
Concen: 54.24 ng

RT: 3.54 min Scan# 127

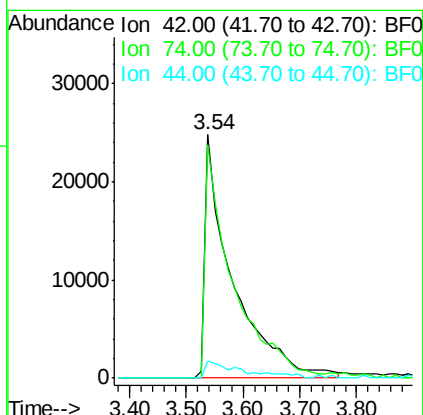
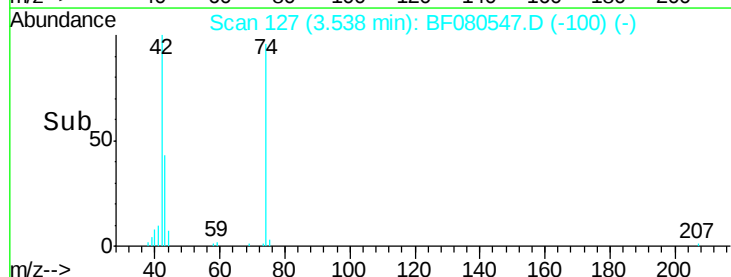
Delta R.T. 0.01 min

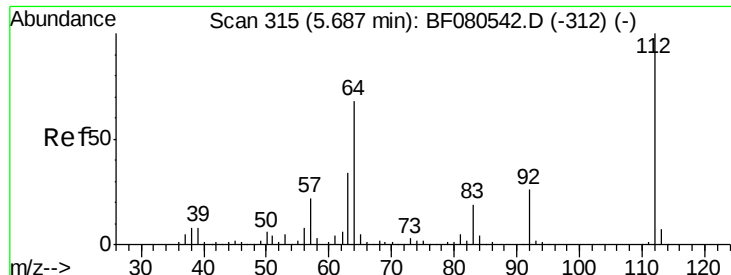
Lab File: BF080547.D

Acq: 17 Jul 2015 21:53



Tgt Ion:	42	Resp:	81638
Ion	Ratio	Lower	Upper
42	100		
74	95.9	79.9	119.9
44	7.1	6.6	9.8





#5

2-Fluorophenol

Concen: 156.50 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

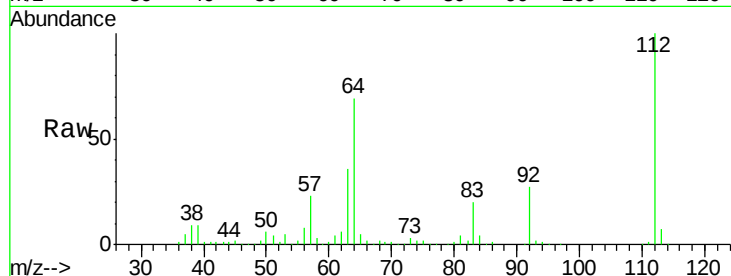
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

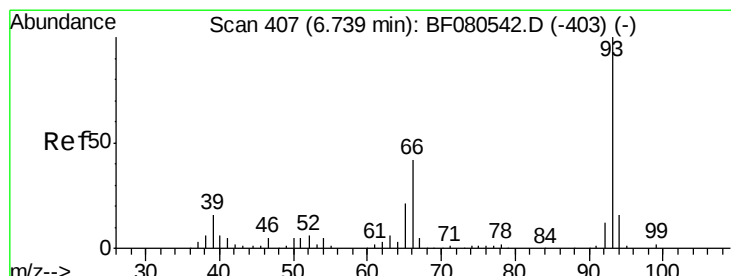
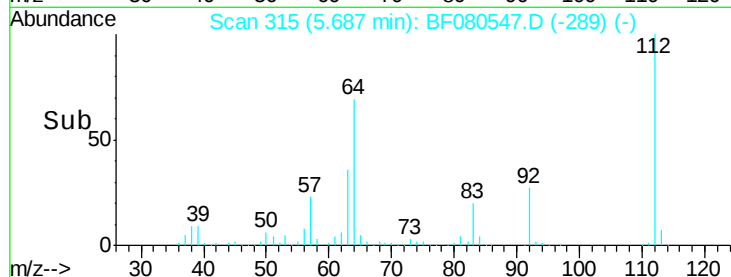
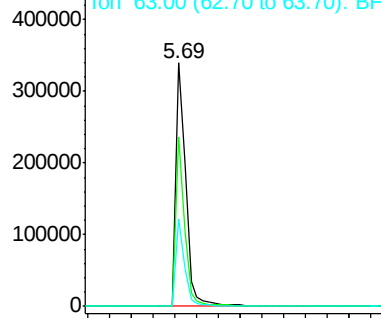
Tgt Ion:	112	Resp:	427186
Ion Ratio	Lower	Upper	
112	100		
64	69.5	54.1	81.1
63	36.1	27.6	41.4

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 31.97 ng

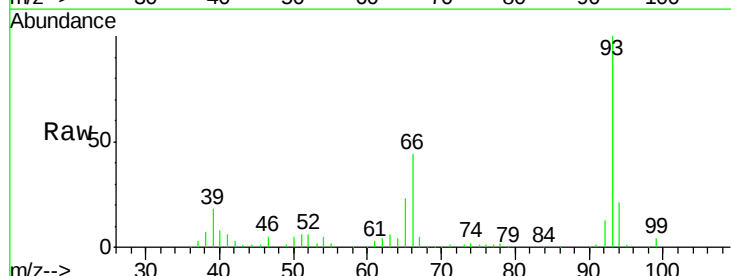
RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

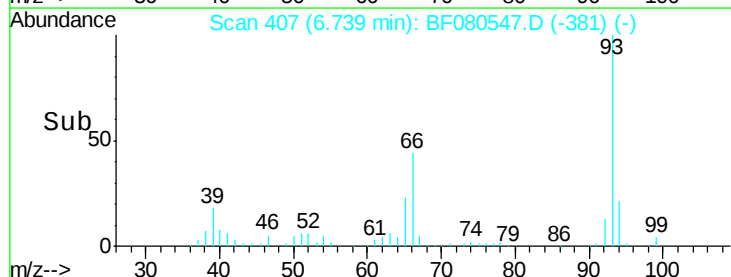
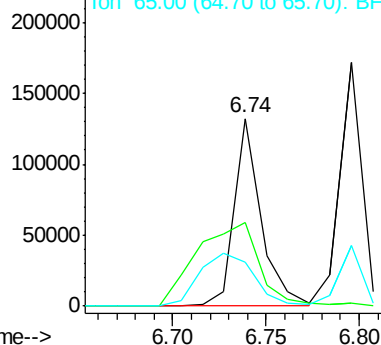
Lab File: BF080547.D

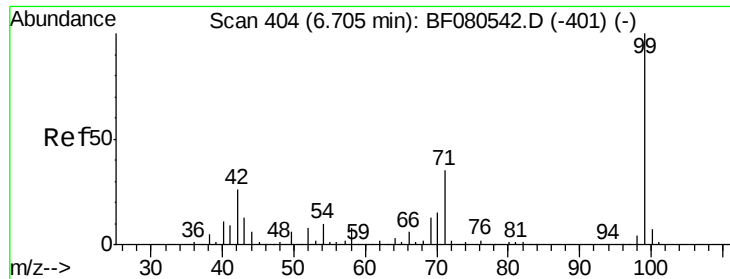
Acq: 17 Jul 2015 21:53

Tgt Ion:	93	Resp:	130886
Ion Ratio	Lower	Upper	
93	100		
66	44.5	33.3	49.9
65	23.4	16.9	25.3



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 166.92 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

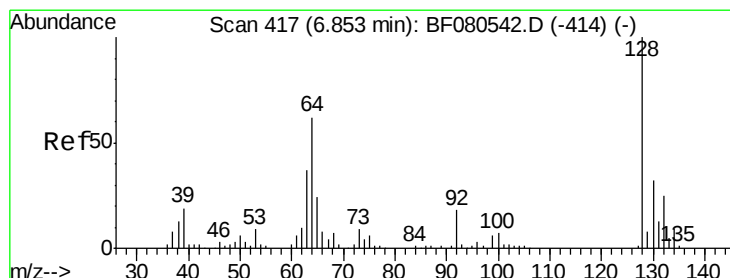
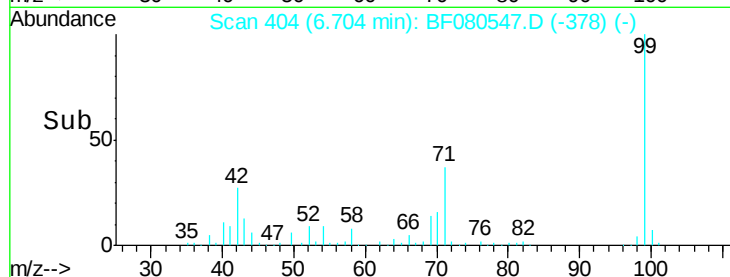
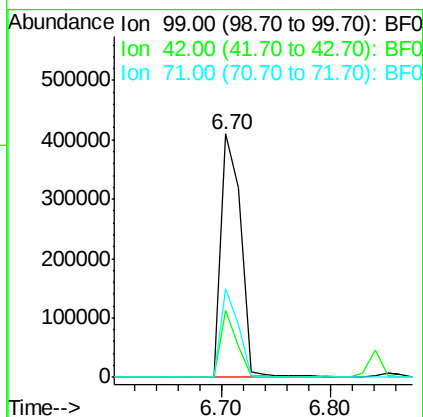
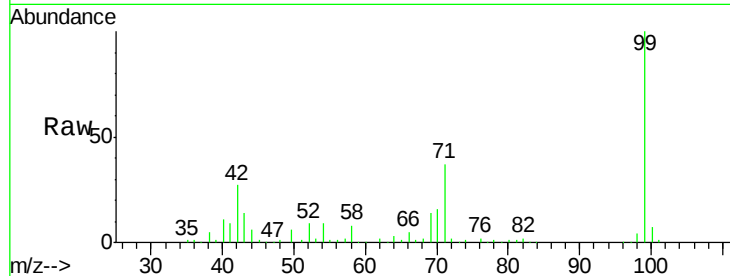
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Tgt Ion:	99	Resp:	518511
Ion Ratio	Lower	Upper	
99	100		
42	27.5	21.0	31.4
71	36.5	28.4	42.6

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#8

2-Chlorophenol

Concen: 52.15 ng

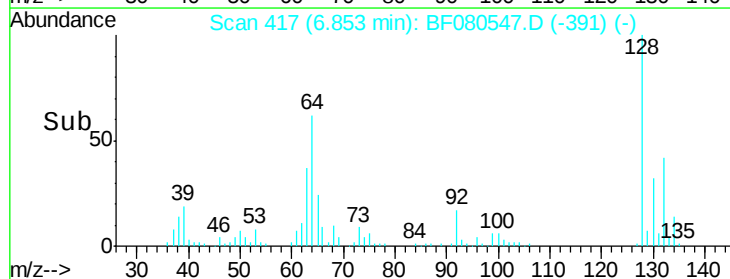
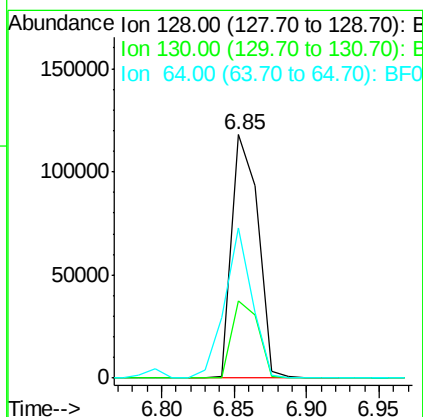
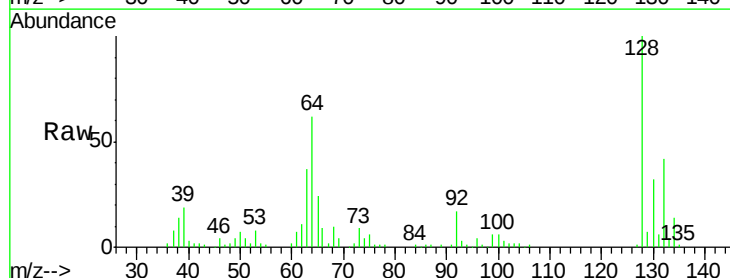
RT: 6.85 min Scan# 417

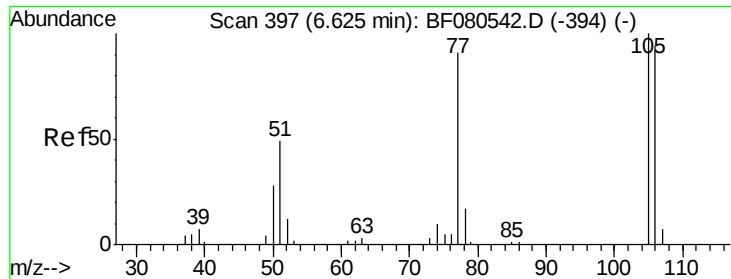
Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion:	128	Resp:	148534
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.7	51.7
64	61.7	41.6	81.6





#9

Benzaldehyde

Concen: 28.50 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

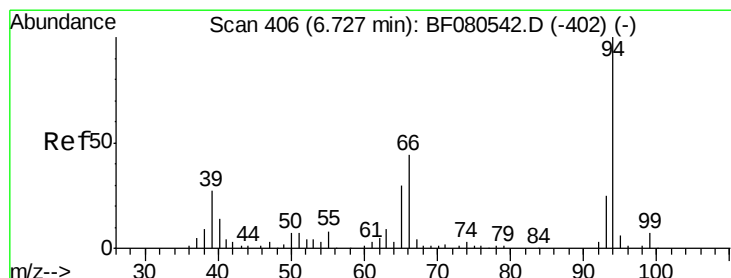
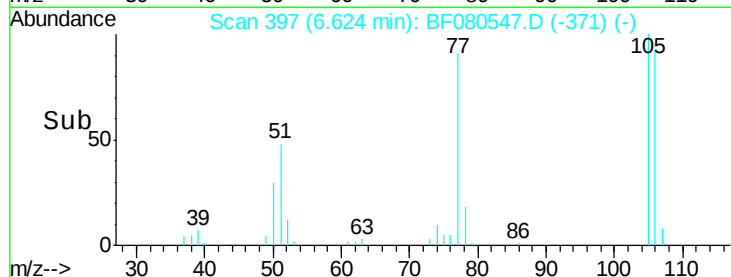
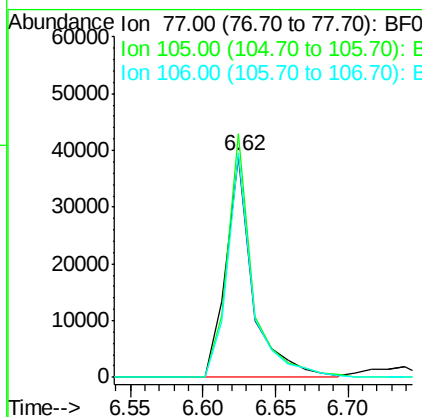
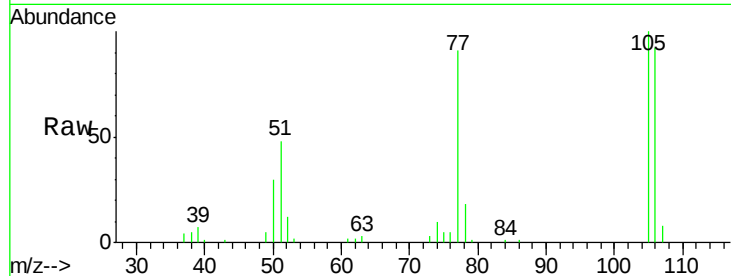
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	77	Resp:	49996
Ion	Ratio	Lower	Upper
77	100		
105	110.3	90.0	130.0
106	101.4	83.5	123.5

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#10

Phenol

Concen: 49.79 ng

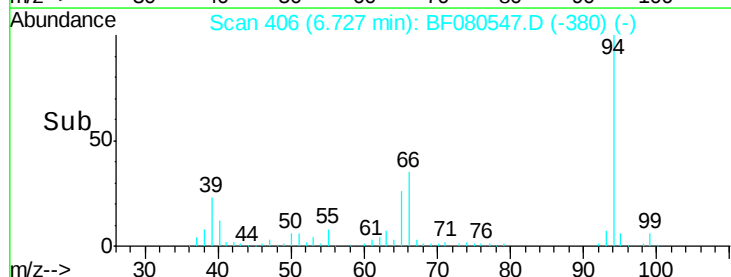
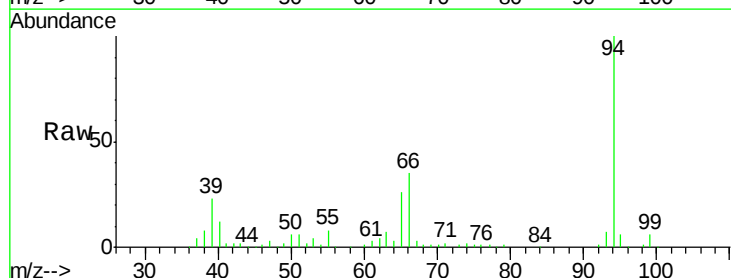
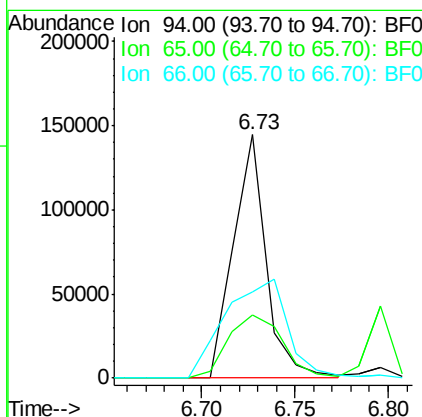
RT: 6.73 min Scan# 406

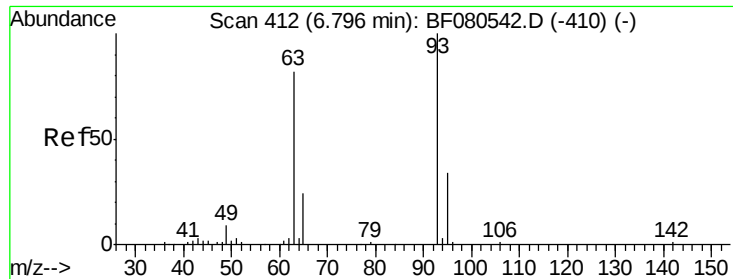
Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion:	94	Resp:	178866
Ion	Ratio	Lower	Upper
94	100		
65	25.9	10.4	50.4
66	35.1	24.2	64.2





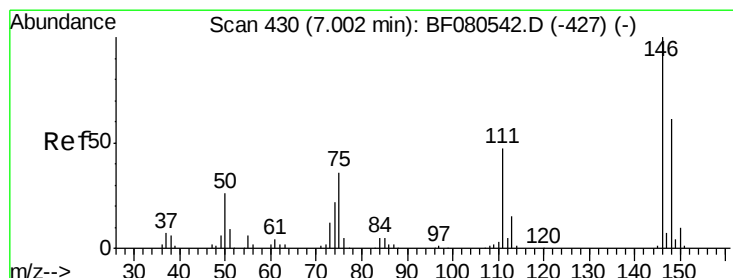
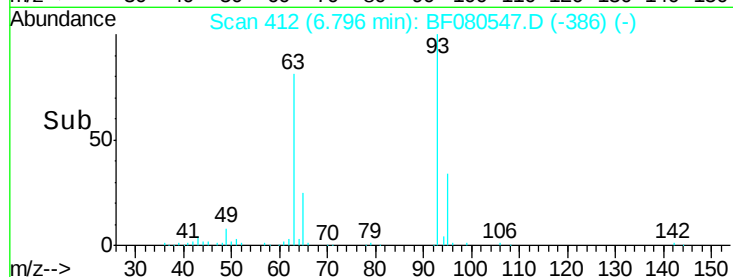
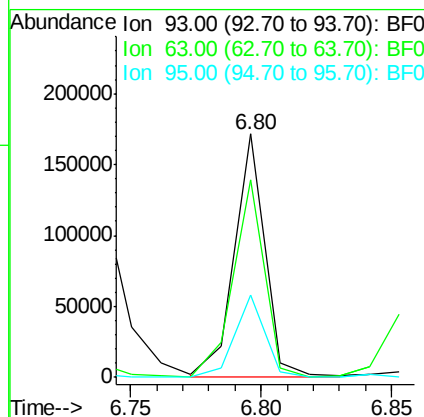
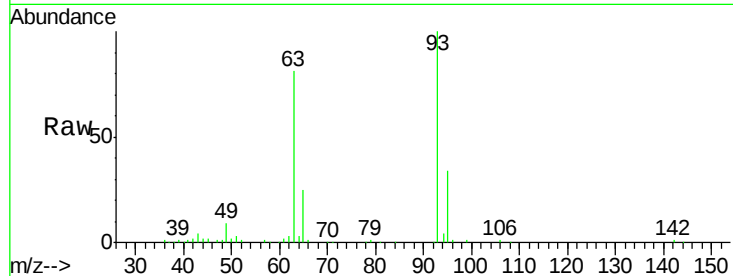
#11
bis(2-Chloroethyl)ether
Concen: 52.34 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142110		
63	81.1	60.3	100.3	
95	34.0	13.7	53.7	

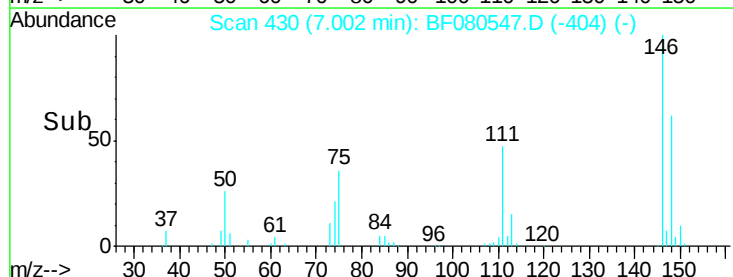
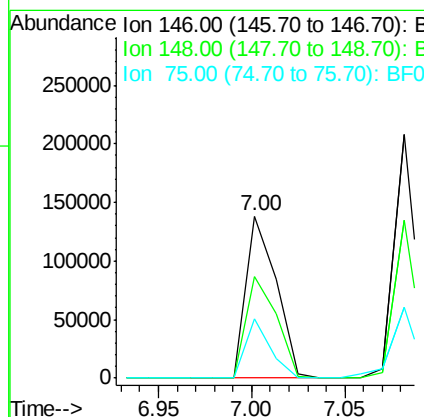
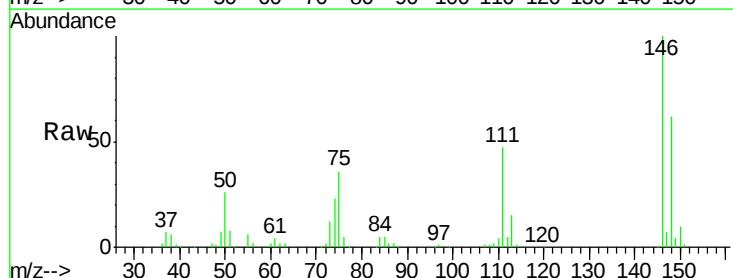
Manual Integrations
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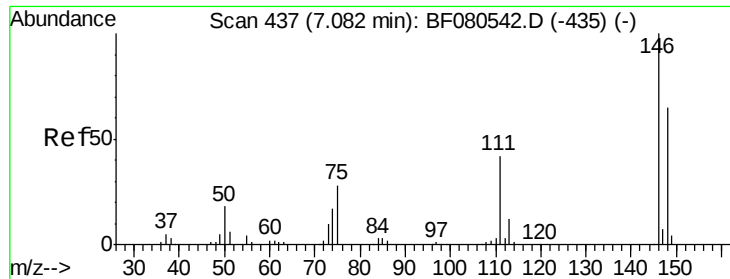
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#12
1,3-Dichlorobenzene
Concen: 48.54 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155600		
148	62.5	49.2	73.8	
75	36.4	29.1	43.7	





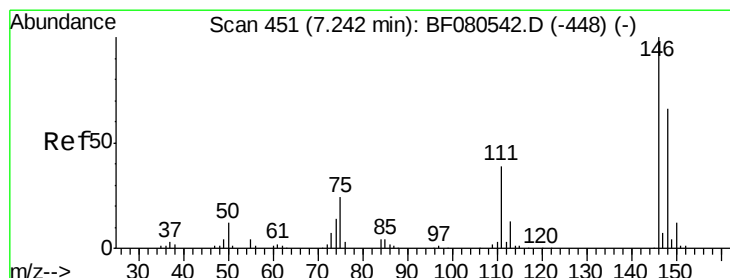
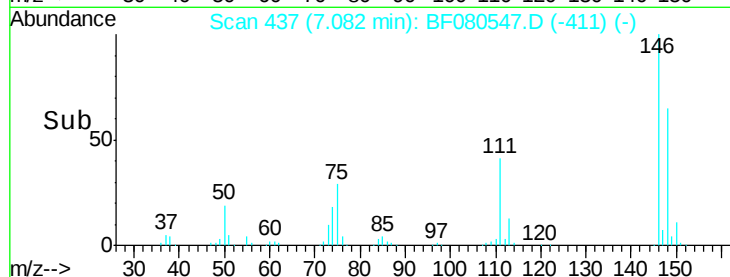
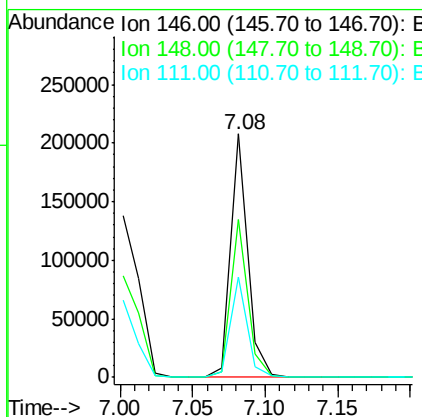
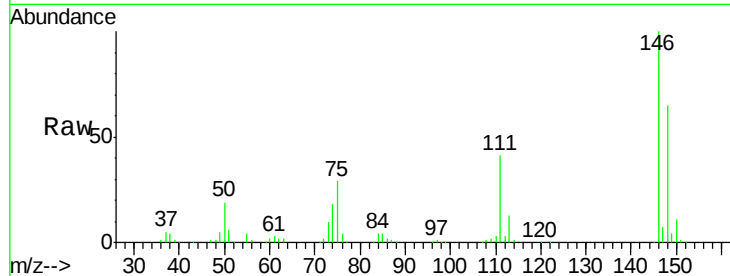
#13
1,4-Dichlorobenzene
Concen: 48.33 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	41.4	33.4	50.2

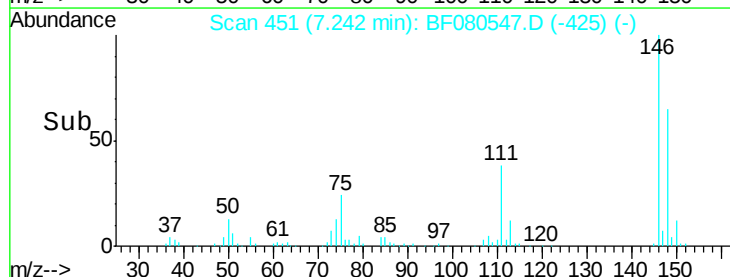
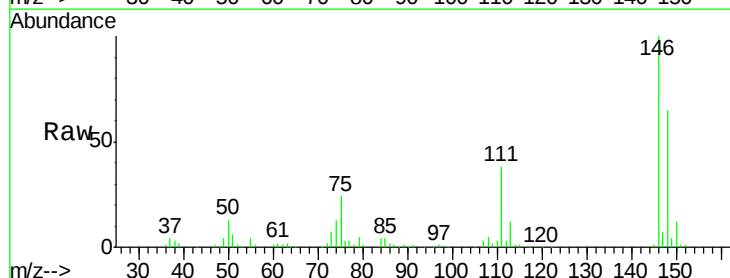
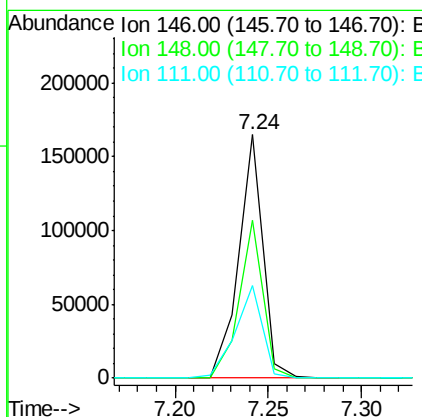
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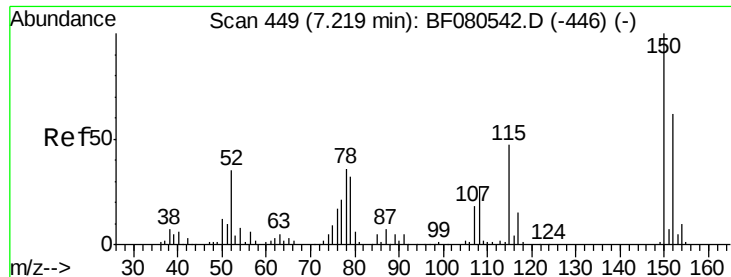
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#14
1,2-Dichlorobenzene
Concen: 46.18 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.5	78.7
111	38.2	31.5	47.3





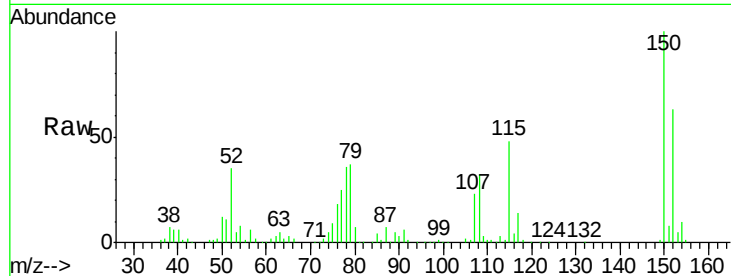
#15
Benzyl Alcohol
Concen: 52.12 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

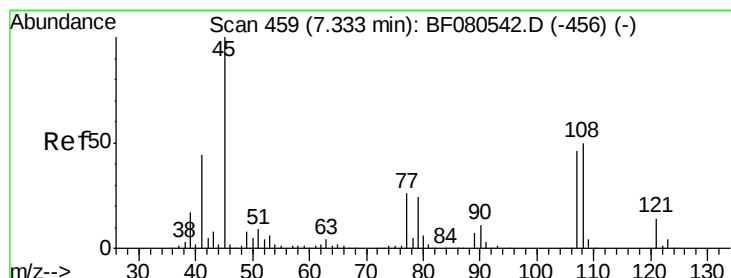
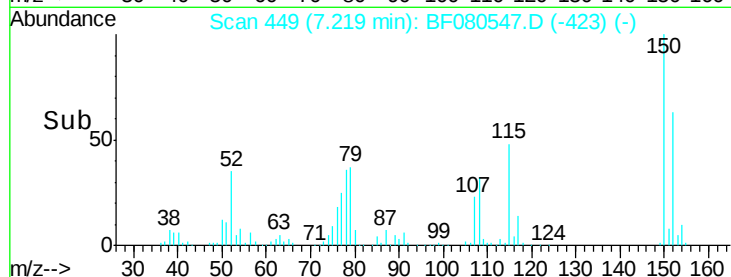
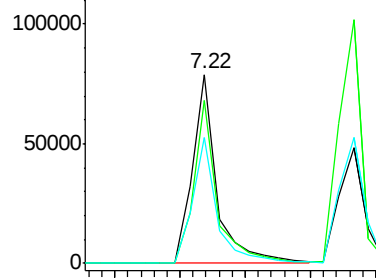
Tgt Ion	Ratio	Lower	Upper
79	100		
108	86.4	67.8	101.6
77	66.4	52.9	79.3

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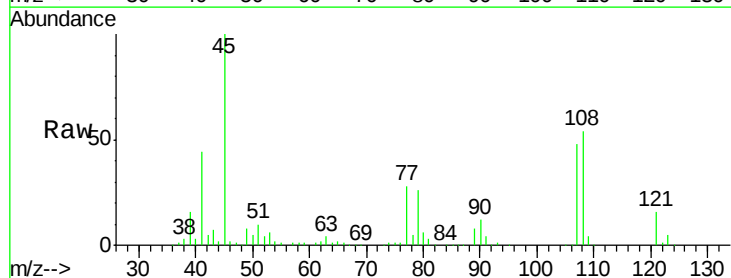


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

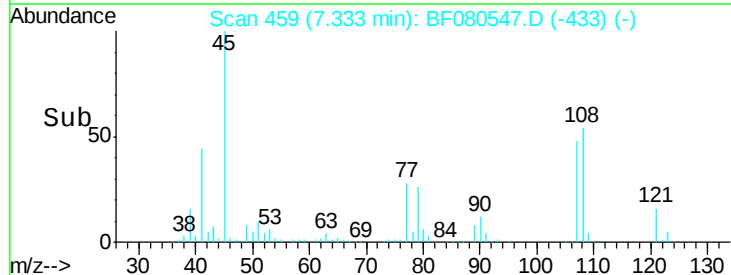
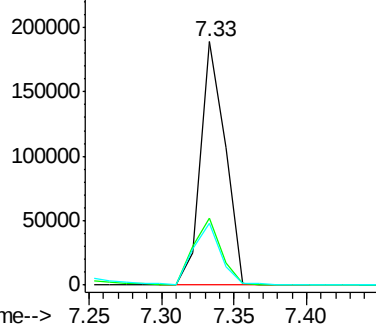


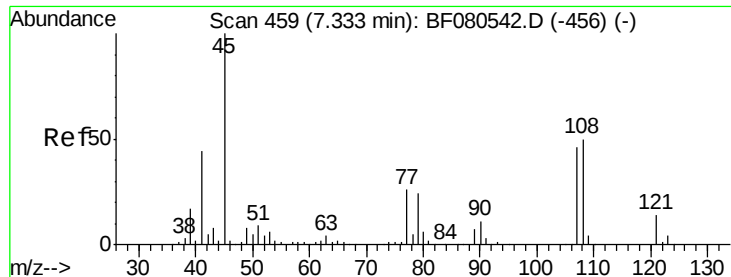
#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.04 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.7	6.6	46.6
79	25.6	4.0	44.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





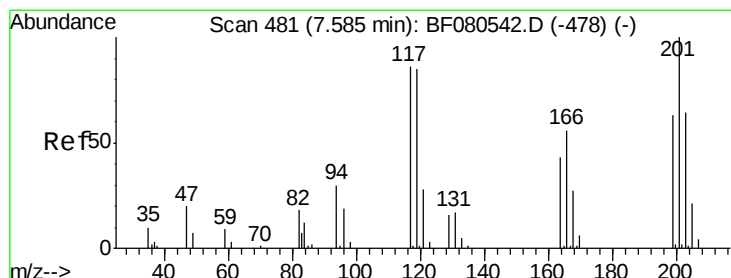
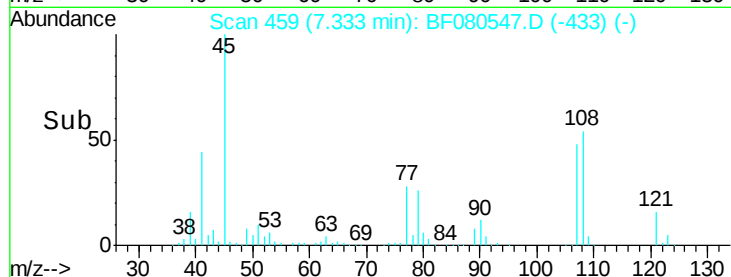
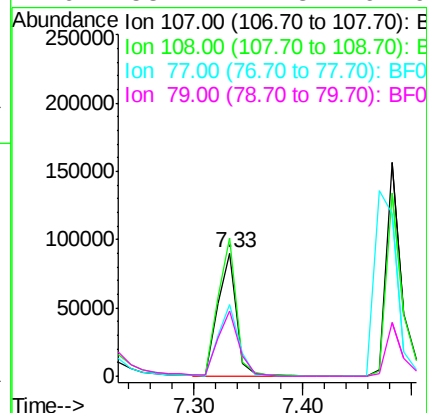
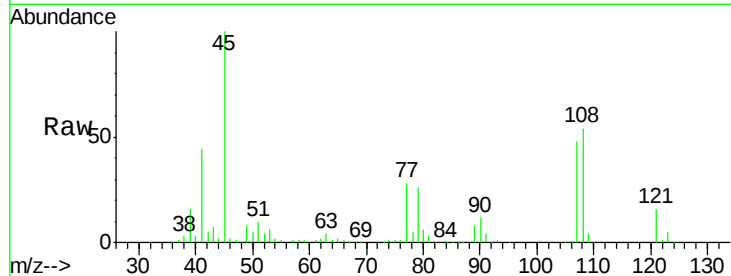
#17
2-Methylphenol
Concen: 50.24 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	109140		
108	112.5	86.8	130.2	
77	57.9	46.2	69.4	
79	53.4	41.8	62.6	

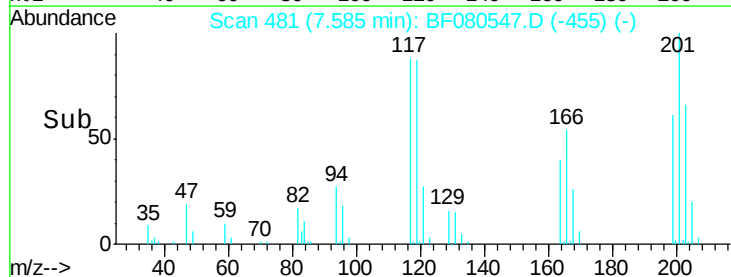
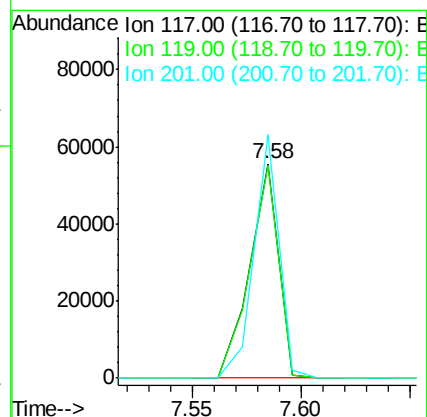
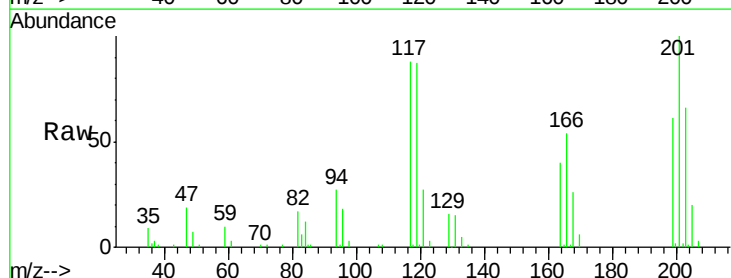
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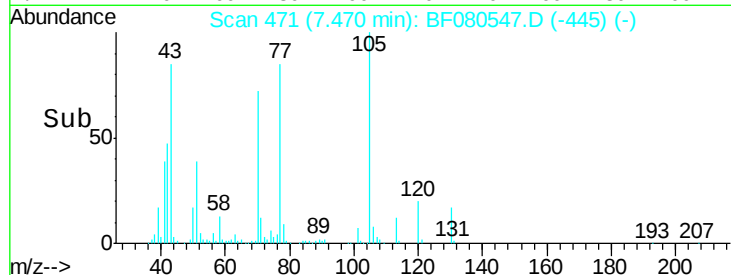
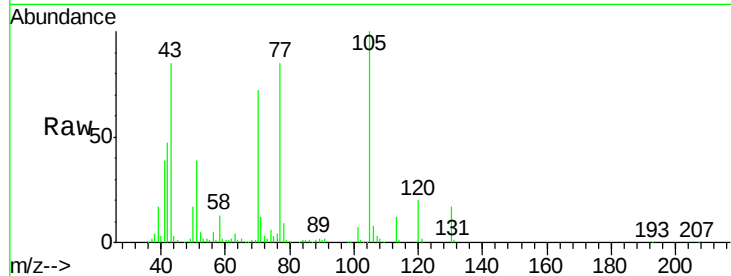
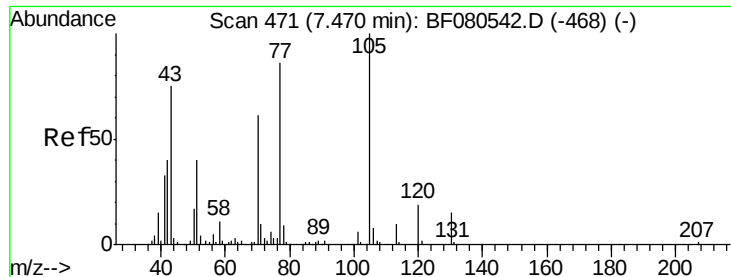
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#18
Hexachloroethane
Concen: 45.11 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51047		
119	99.2	79.1	118.7	
201	113.5	92.7	139.1	





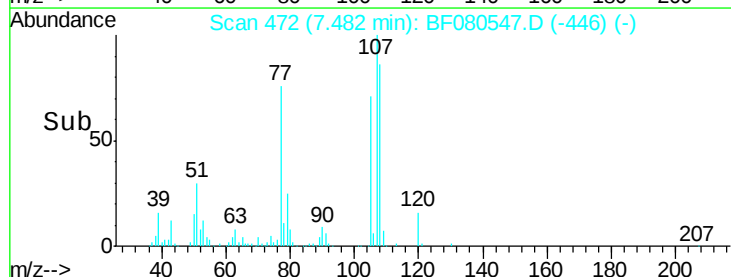
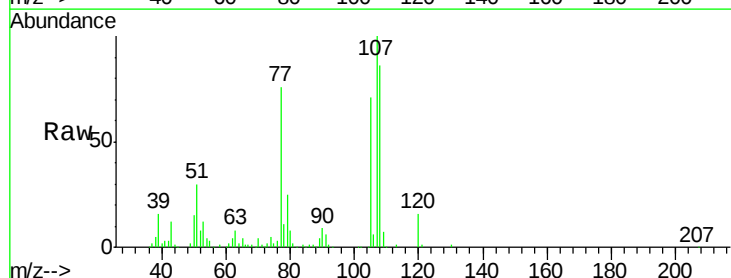
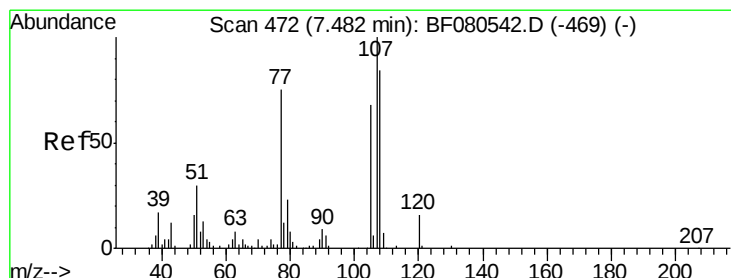
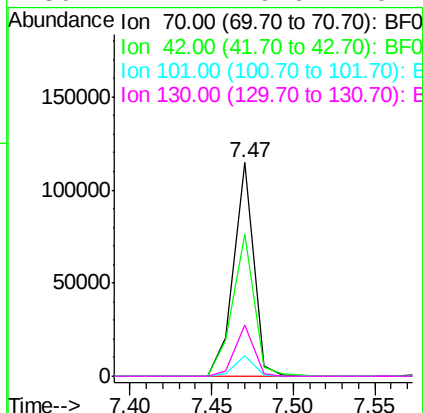
#19
n-Nitroso-di-n-propylamine
Concen: 50.73 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Manual Integrations
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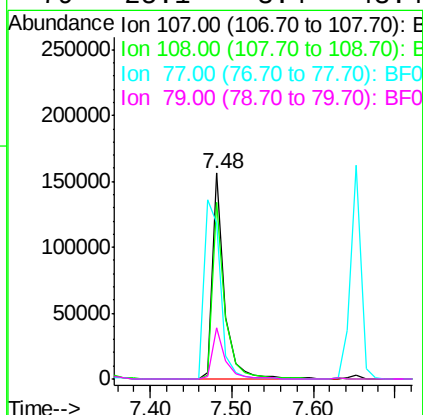
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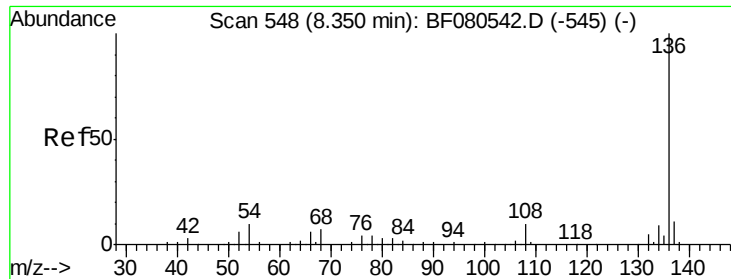
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.6	78.8
101	9.7	8.3	12.5
130	24.1	19.6	29.4



#20
3+4-Methylphenols
Concen: 51.43 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

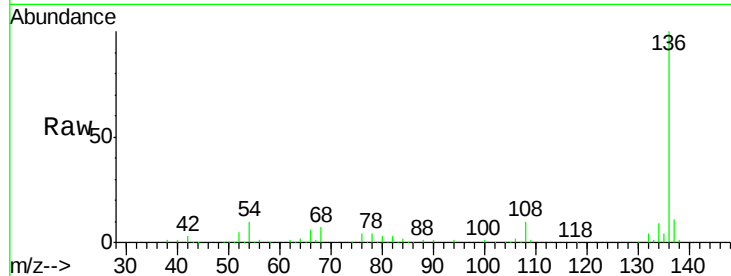
Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	64.0	104.0
77	75.8	55.4	95.4
79	25.1	3.4	43.4





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

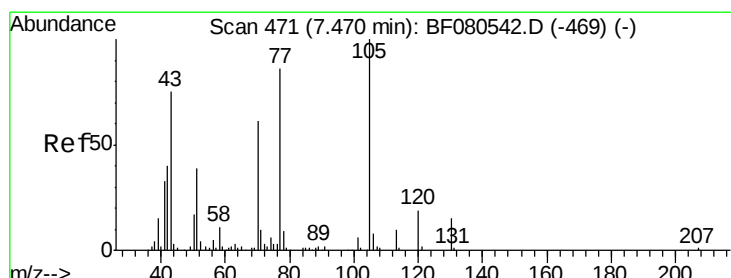
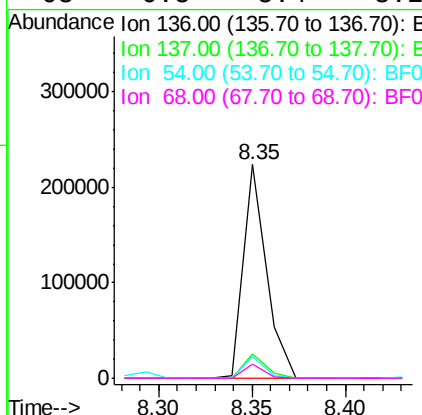
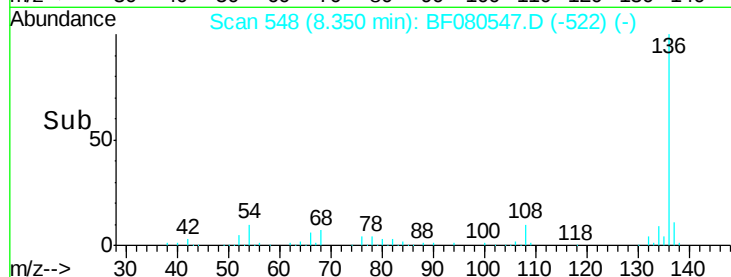
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	192112		
137	11.2	8.7	13.1	
54	10.1	8.3	12.5	
68	6.5	5.4	8.2	

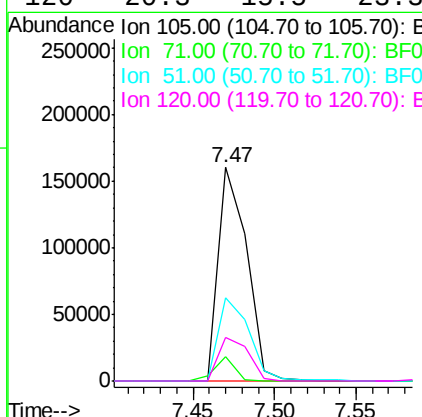
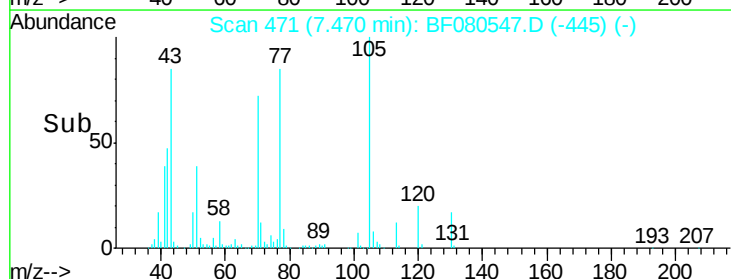
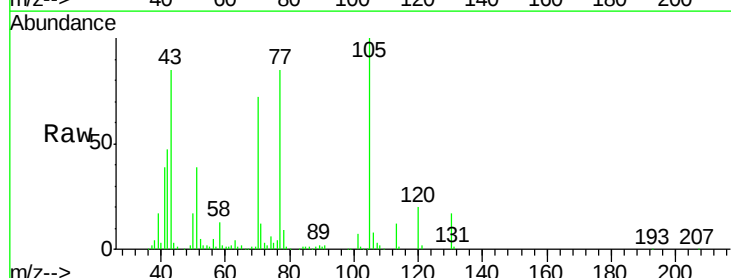
Manual Integrations
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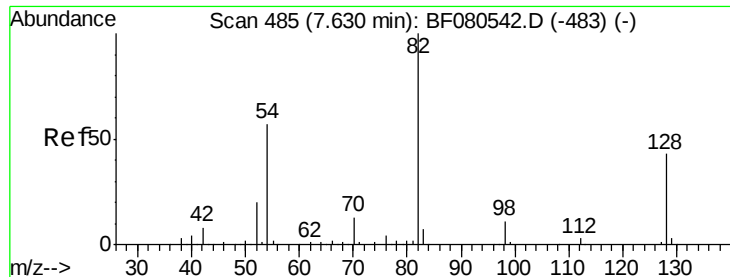
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#22
Acetophenone
Concen: 46.73 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192671		
71	11.6	8.3	12.5	
51	39.1	31.6	47.4	
120	20.3	15.5	23.3	





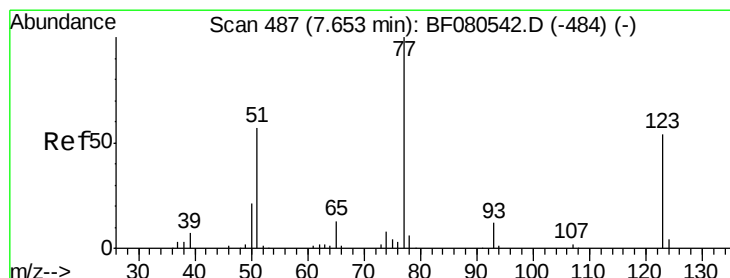
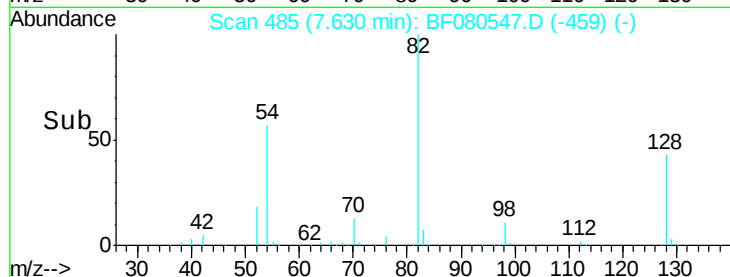
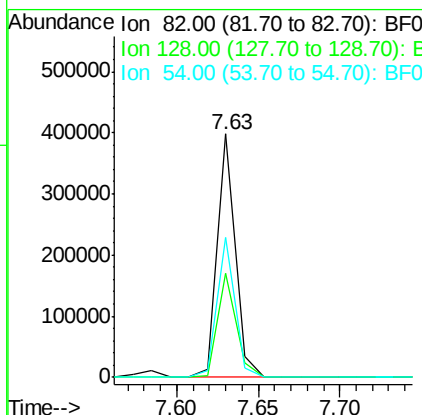
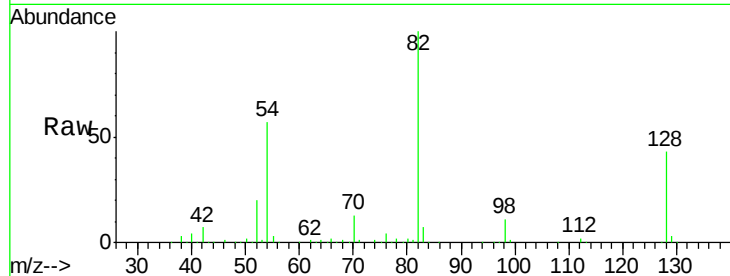
#23
 Nitrobenzene-d5
 Concen: 101.88 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	306982		
128	42.7	34.6	51.8	
54	57.4	45.8	68.6	

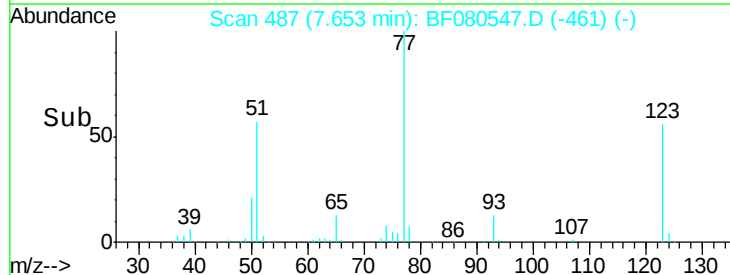
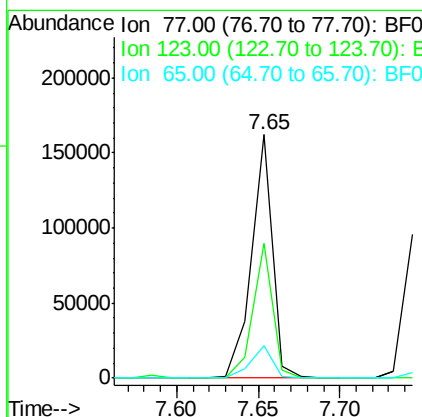
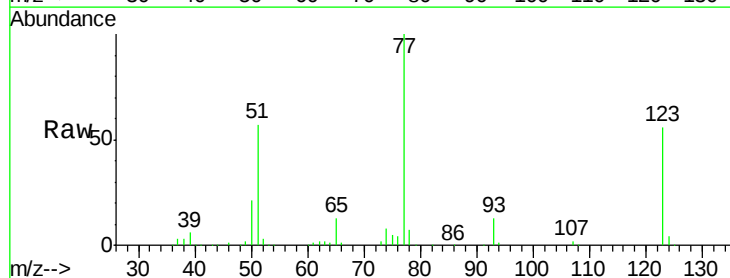
Manual Integrations
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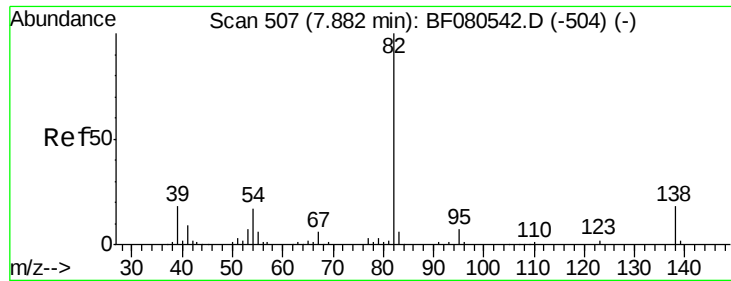
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#24
 Nitrobenzene
 Concen: 42.38 ng
 RT: 7.65 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	144294		
123	55.5	42.9	64.3	
65	13.1	10.7	16.1	





#25

Isophorone

Concen: 49.75 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

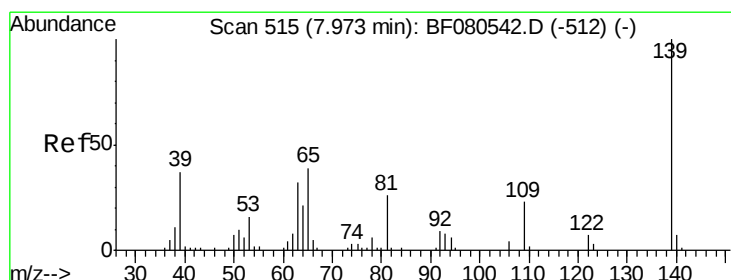
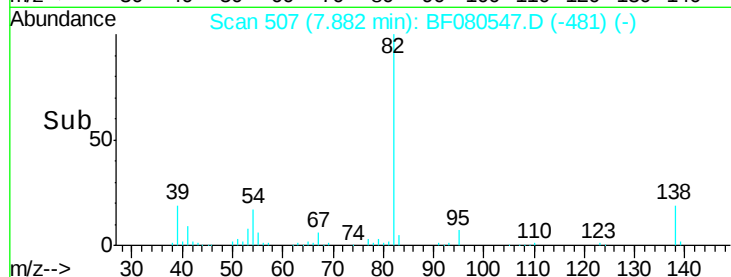
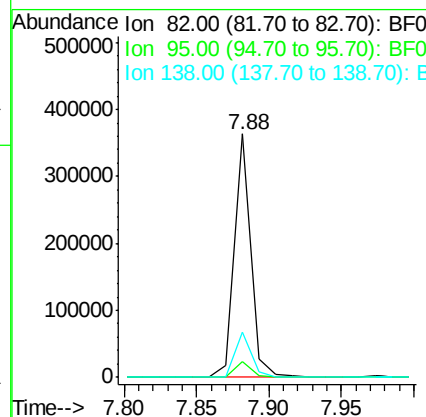
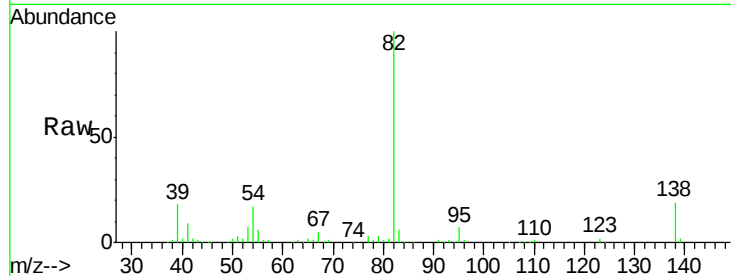
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	82	Resp:	286165
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.7	14.7	22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.07 ng

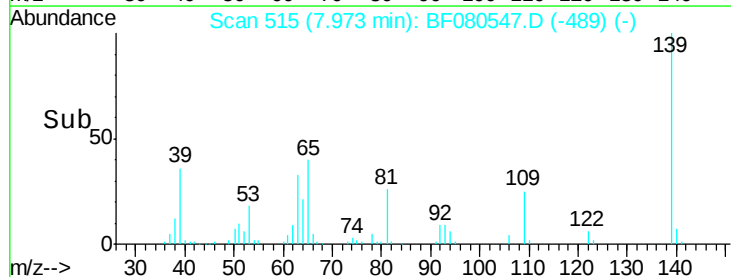
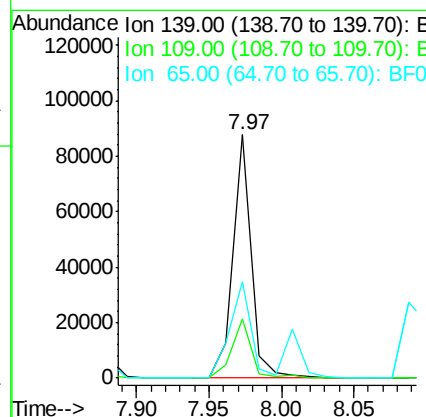
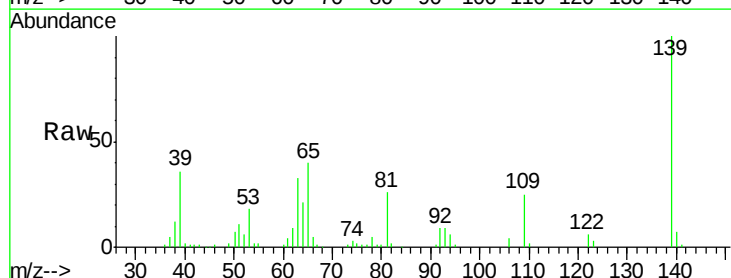
RT: 7.97 min Scan# 515

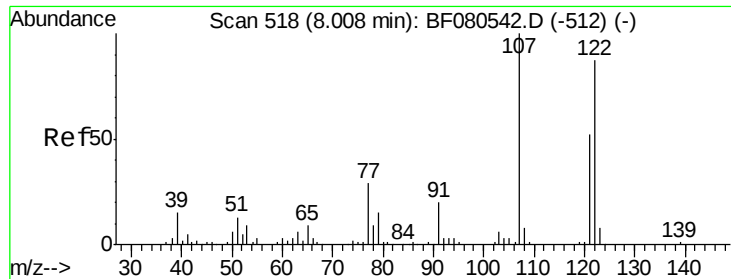
Delta R.T. 0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion:	139	Resp:	76968
Ion Ratio		Lower	Upper
139	100		
109	24.6	18.3	27.5
65	39.8	31.0	46.6





#27

2,4-Dimethylphenol

Concen: 50.47 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

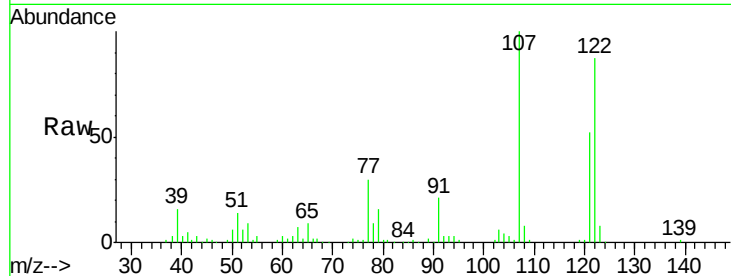
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	122	Resp:	144432
Ion Ratio	Lower	Upper	
122	100		
107	114.3	91.6	137.4
121	59.7	47.4	71.0

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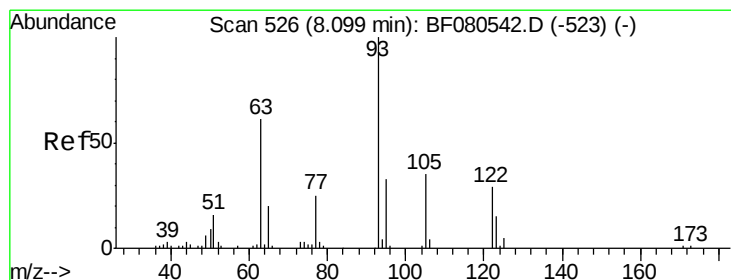
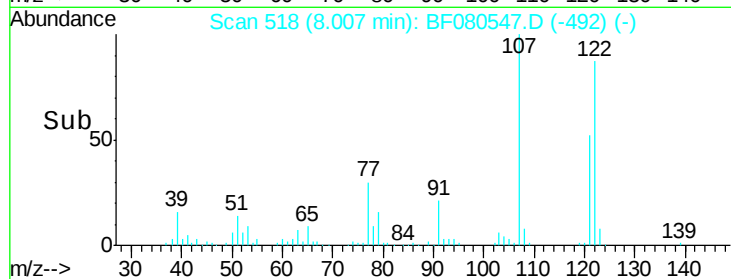
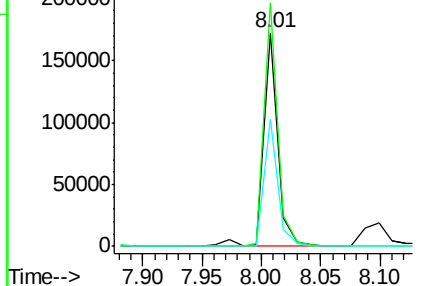
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.29 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080547.D

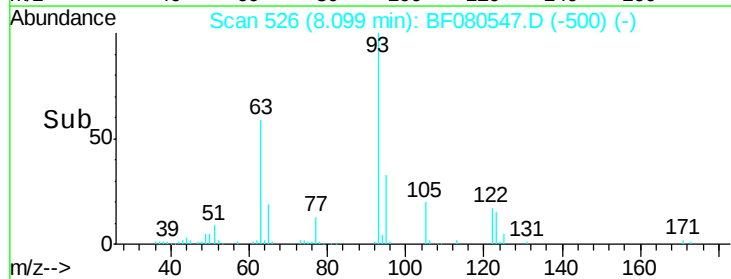
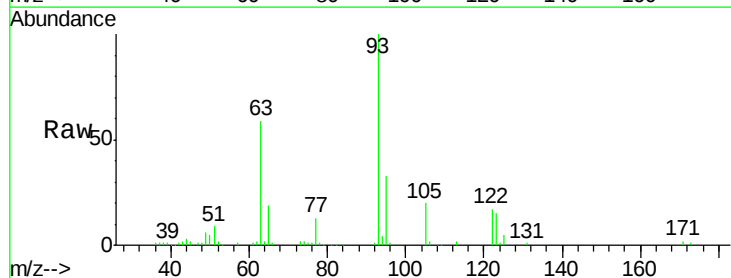
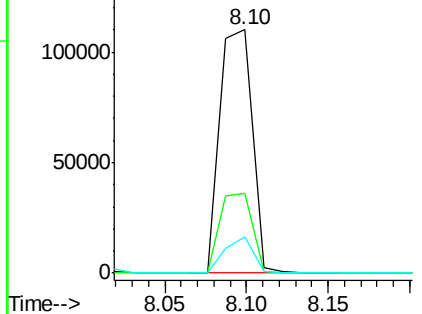
Acq: 17 Jul 2015 21:53

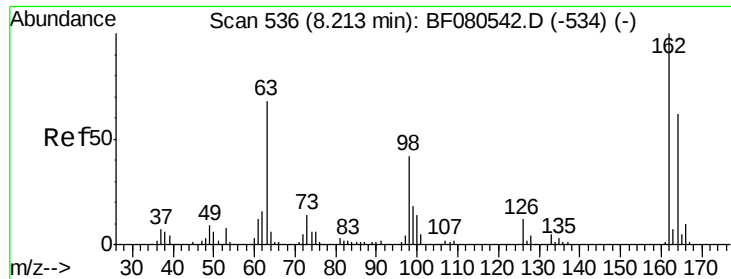
Tgt Ion:	93	Resp:	150614
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	14.7	12.2	18.4

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





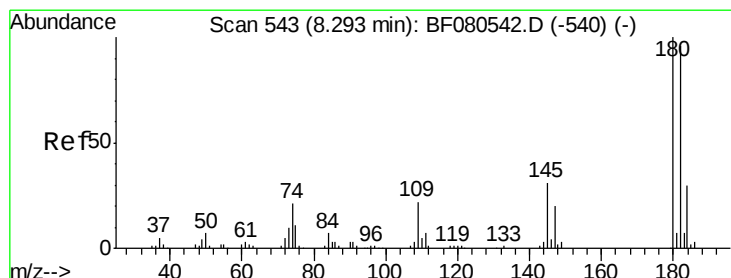
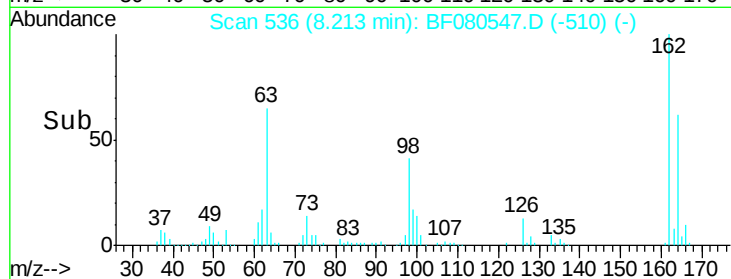
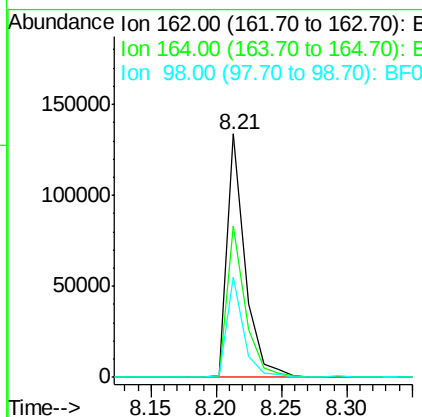
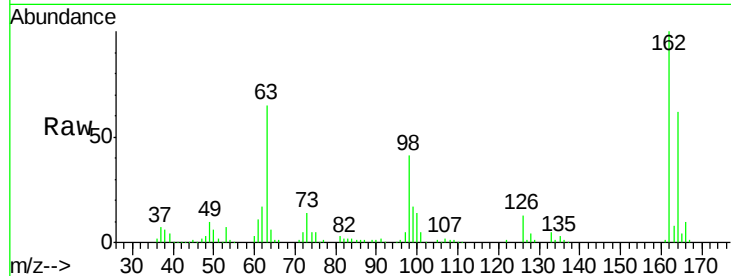
#29
 2,4-Dichlorophenol
 Concen: 53.00 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	128406		
164	62.3	41.6	81.6	
98	41.4	21.9	61.9	

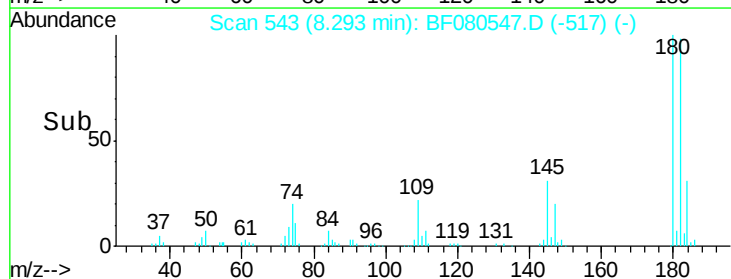
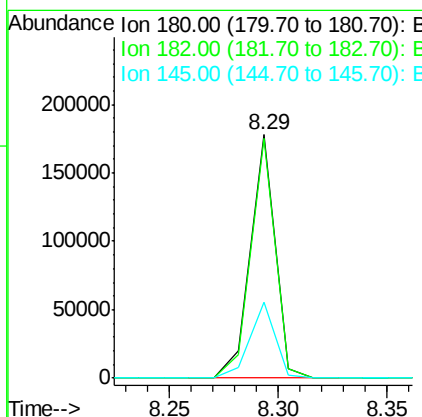
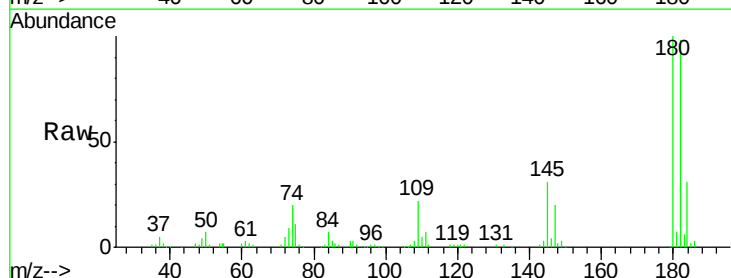
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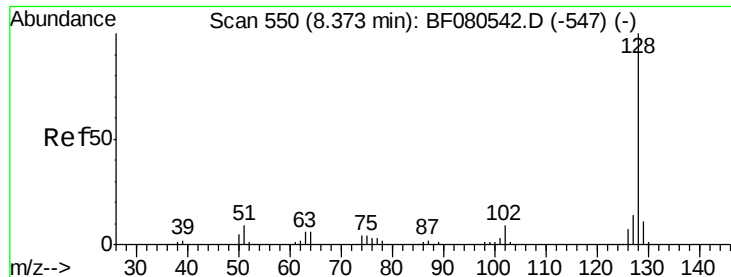
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.43 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140698		
182	98.4	77.0	115.4	
145	31.1	24.5	36.7	





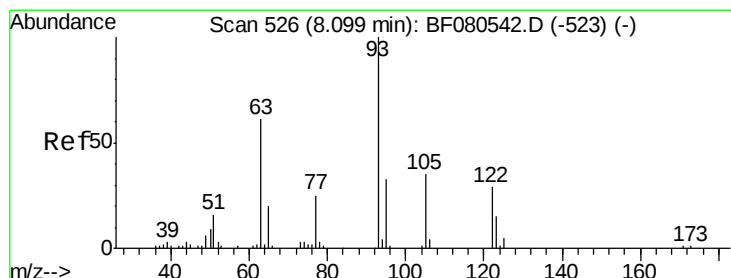
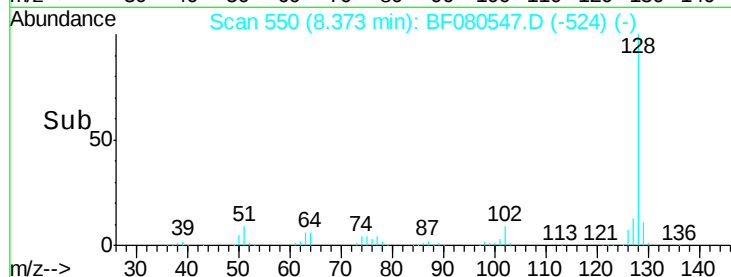
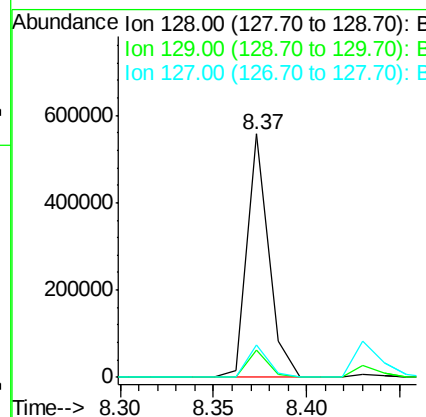
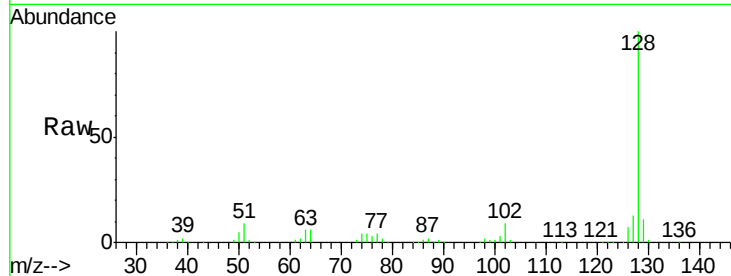
#31
Naphthalene
Concen: 47.62 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	452814		
129	11.4	9.0	13.4	
127	13.1	11.0	16.4	

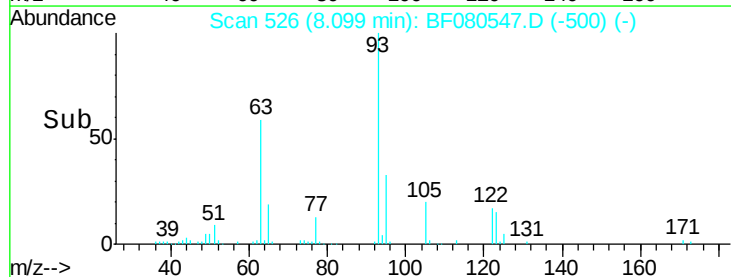
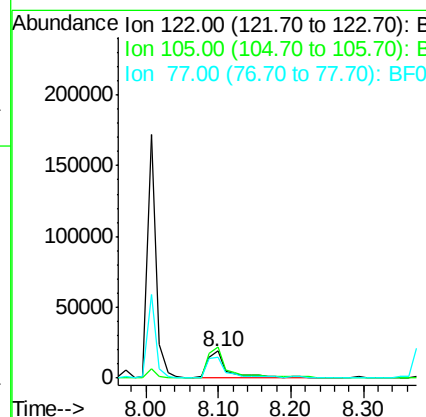
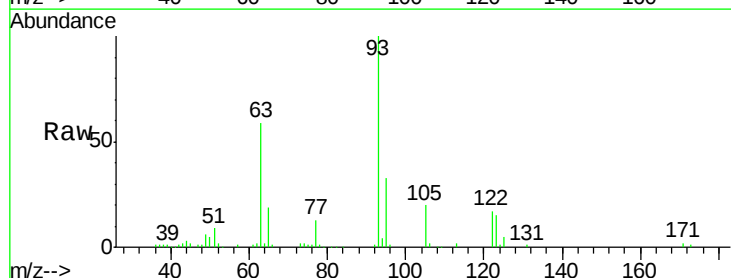
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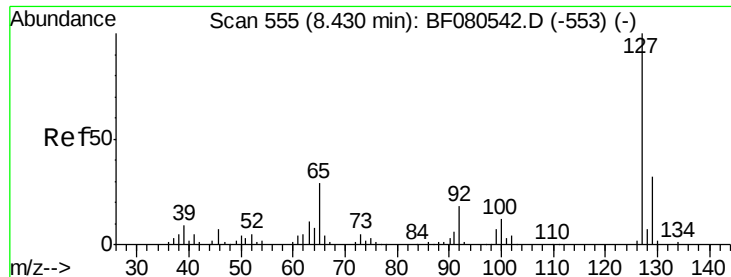
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#32
Benzoic acid
Concen: 30.58 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34186		
105	114.6	101.3	141.3	
77	76.6	64.1	104.1	





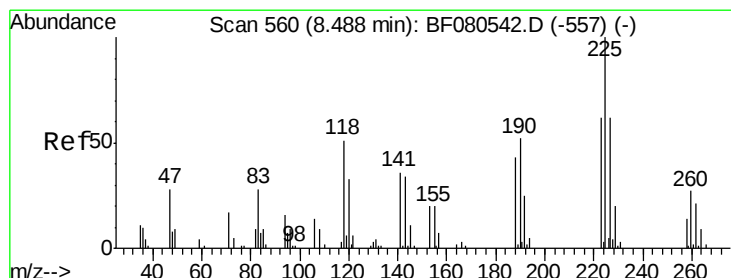
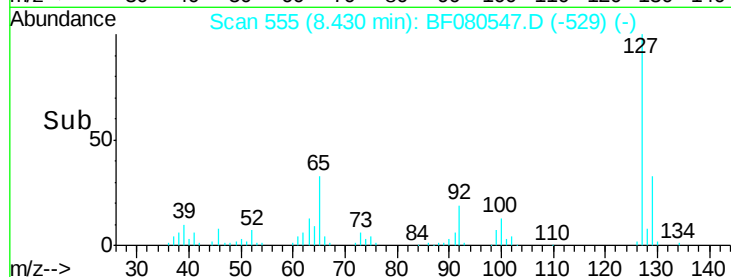
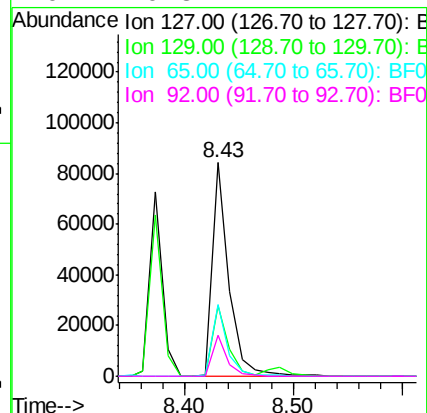
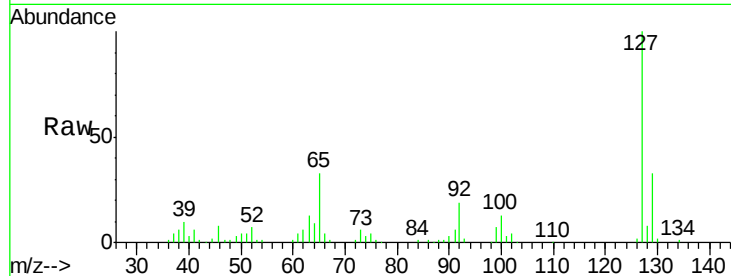
#33
 4-Chloroaniline
 Concen: 23.72 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89866		
129	32.7	25.3	37.9	
65	33.3	23.5	35.3	
92	19.3	14.2	21.4	

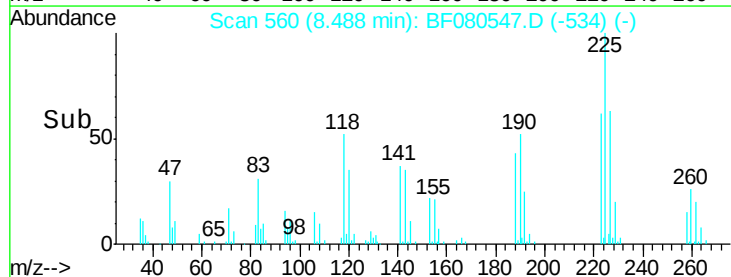
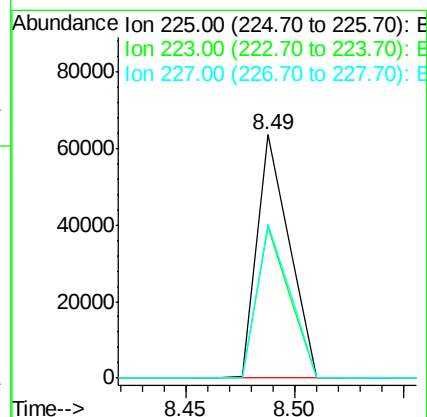
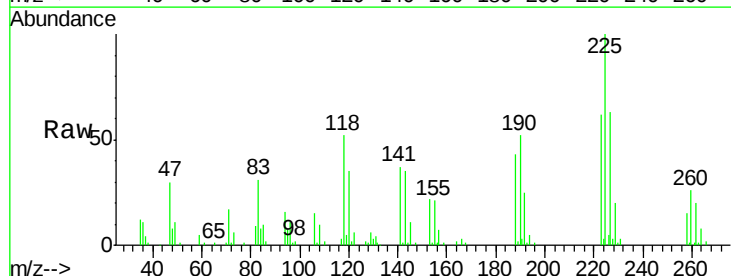
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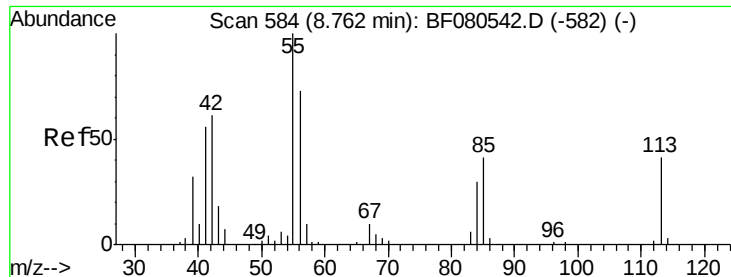
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#34
 Hexachlorobutadiene
 Concen: 45.43 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65619		
223	62.1	49.4	74.2	
227	63.0	49.3	73.9	





#35

Caprolactam

Concen: 50.86 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF080547.D

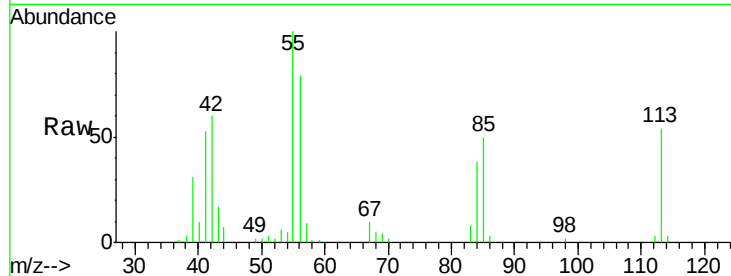
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

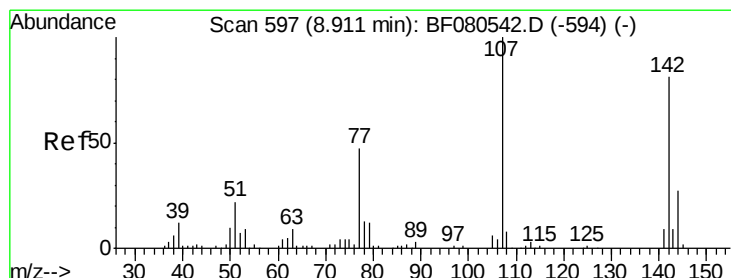
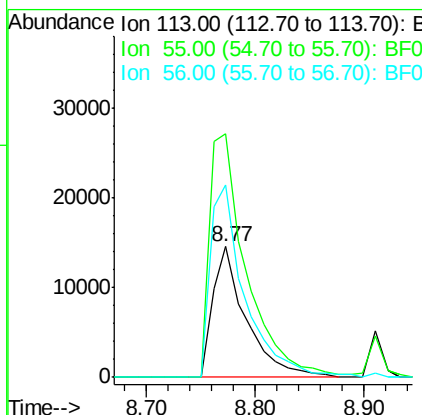
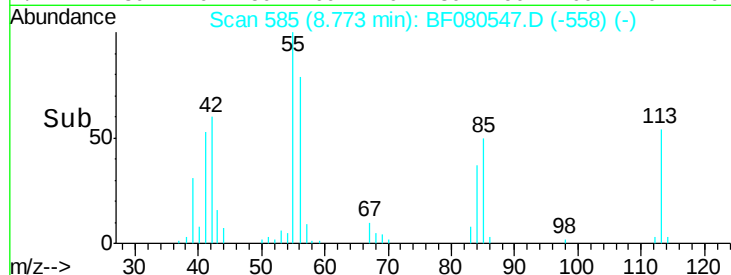
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion:	113	Resp:	31136
Ion Ratio	Lower	Upper	
113	100		
55	186.4	225.3	265.3#
56	147.3	159.9	199.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

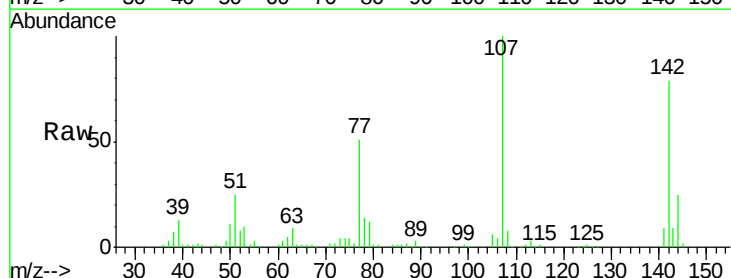
Concen: 54.61 ng

RT: 8.91 min Scan# 597

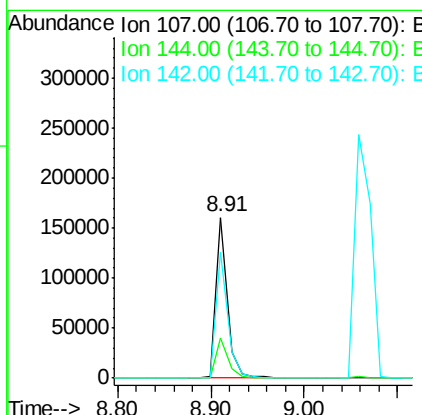
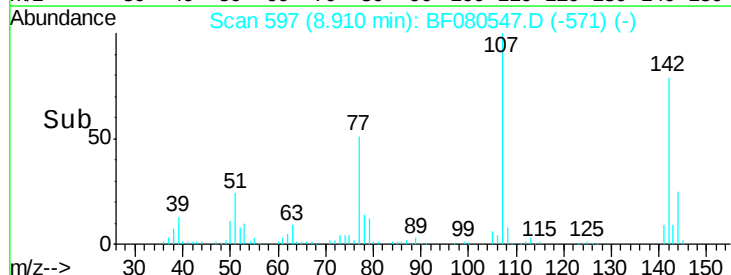
Delta R.T. -0.00 min

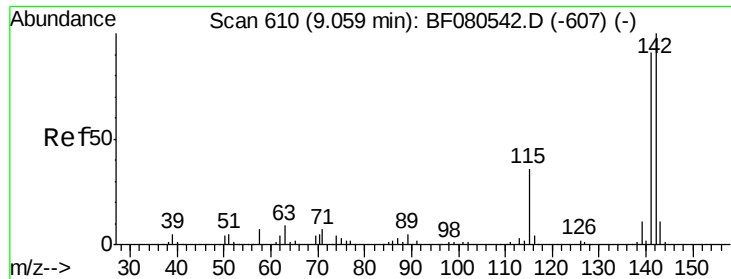
Lab File: BF080547.D

Acq: 17 Jul 2015 21:53



Tgt Ion:	107	Resp:	136320
Ion Ratio	Lower	Upper	
107	100		
144	24.8	21.4	32.0
142	78.5	64.4	96.6





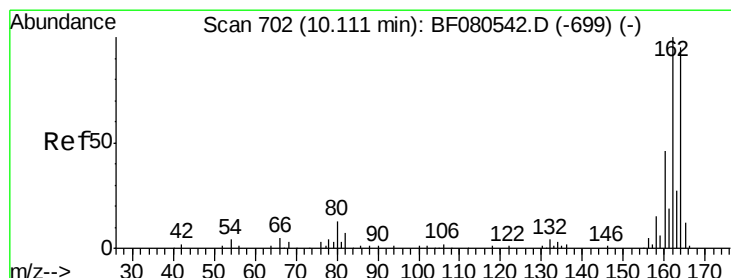
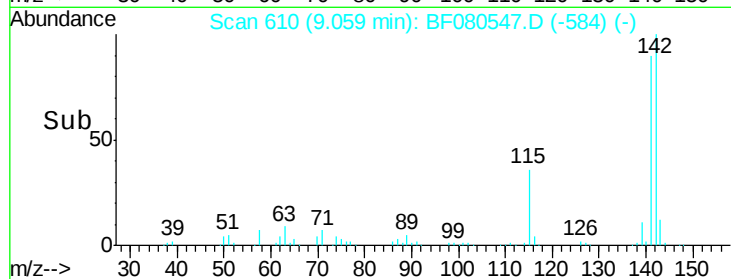
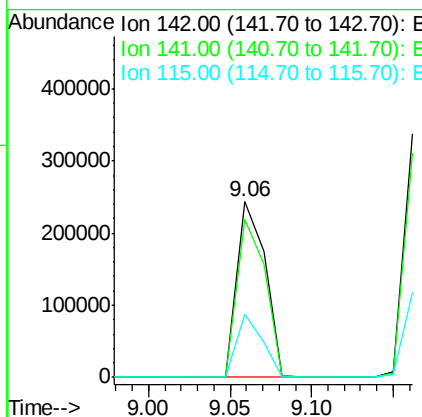
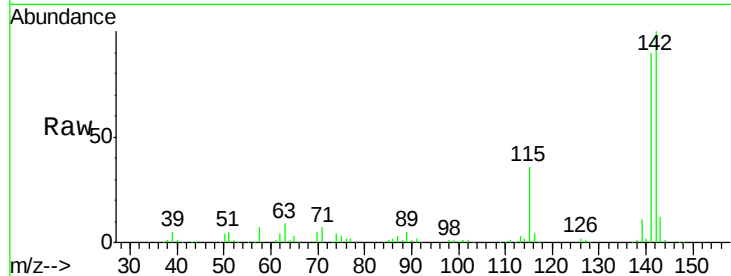
#37
 2-Methylnaphthalene
 Concen: 49.43 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	288463		
141	90.0	72.5	108.7	
115	35.7	28.7	43.1	

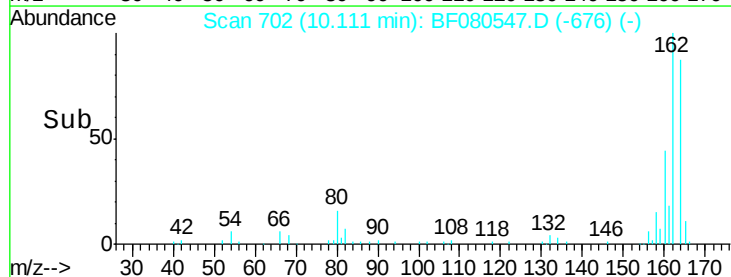
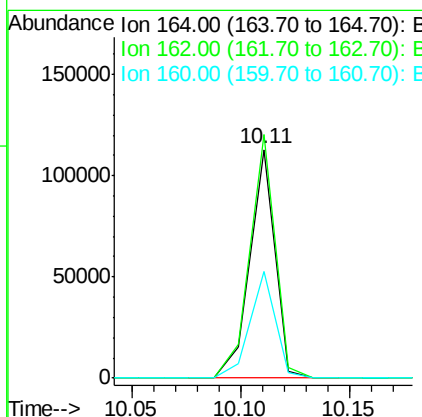
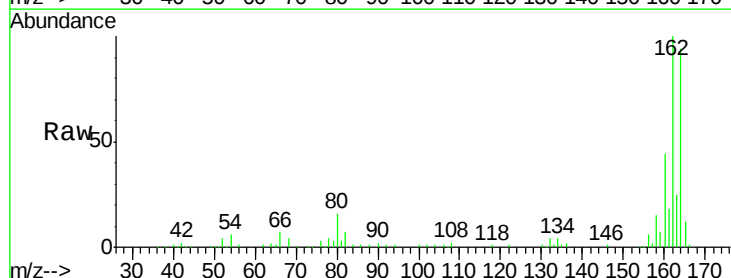
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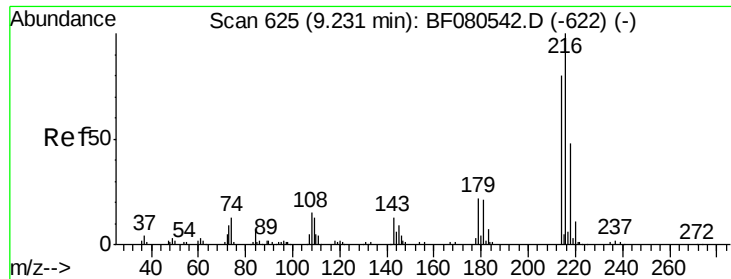
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90747		
162	106.5	84.1	126.1	
160	46.9	38.8	58.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.44 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080547.D

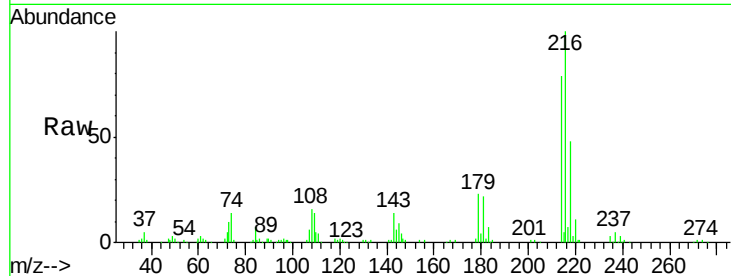
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

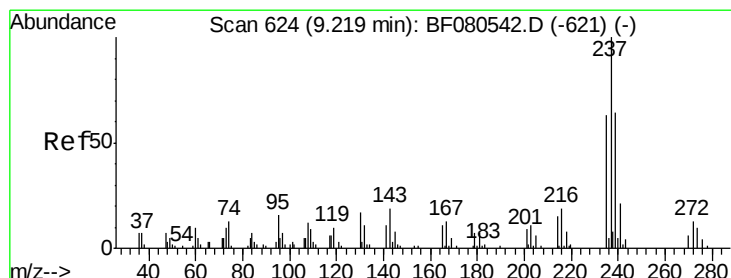
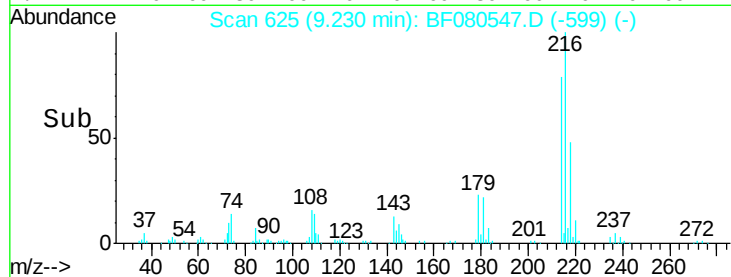
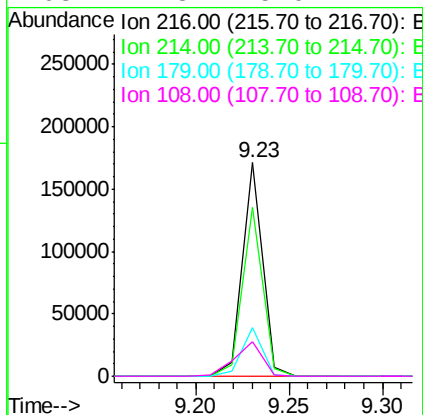
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	23.6	18.3	27.5
108	22.3	15.0	22.4

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#40

Hexachlorocyclopentadiene

Concen: 108.25 ng

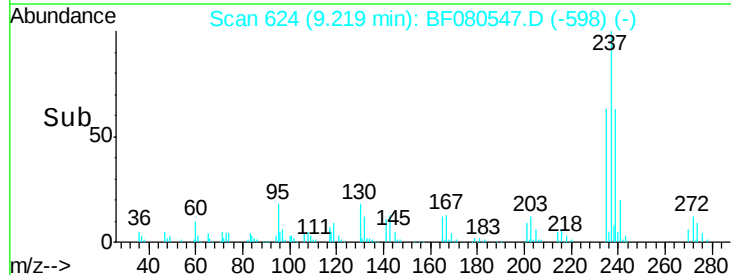
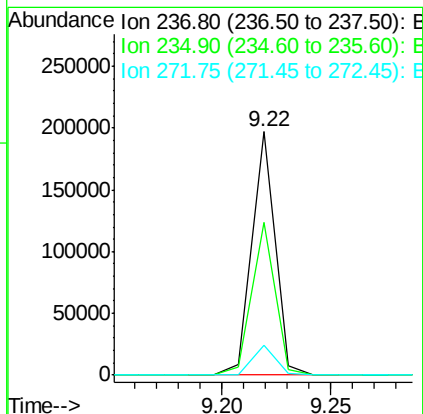
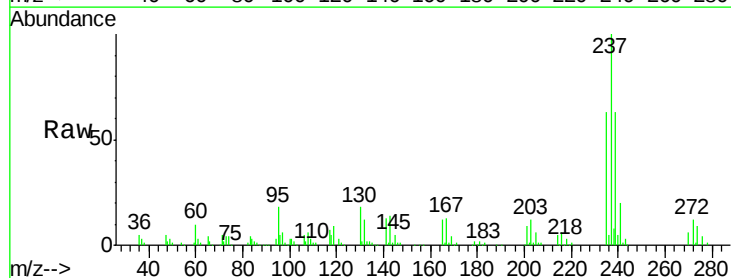
RT: 9.22 min Scan# 624

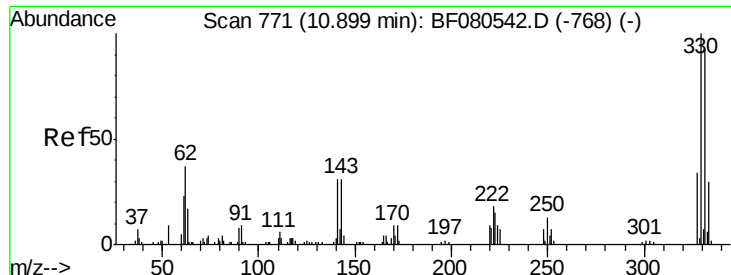
Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

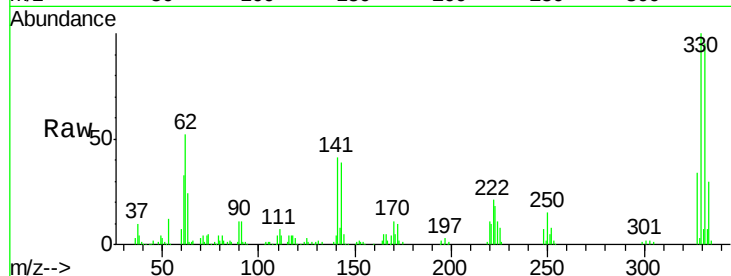
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.1	83.1
272	12.2	0.0	33.3





#41
 2,4,6-Tribromophenol
 Concen: 170.75 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

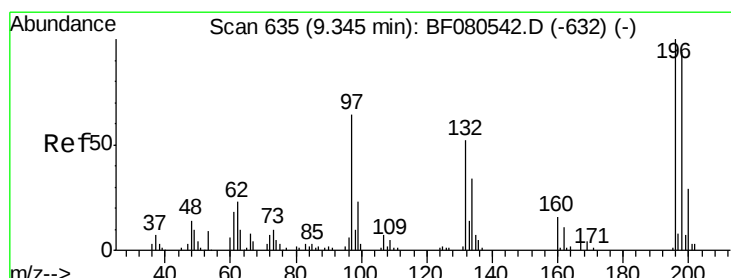
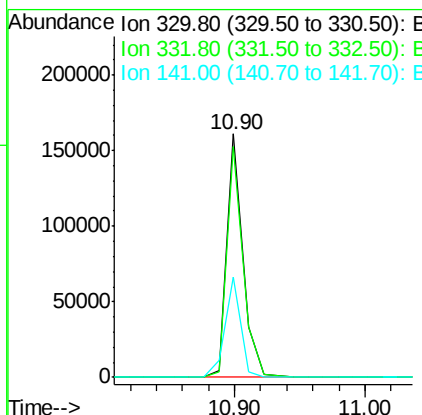
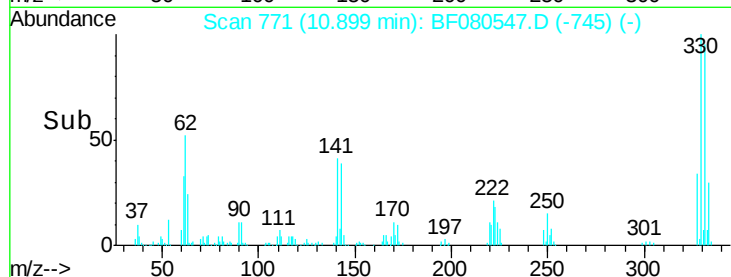
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138659		
332	95.5	74.3	111.5	
141	40.7	29.0	43.4	

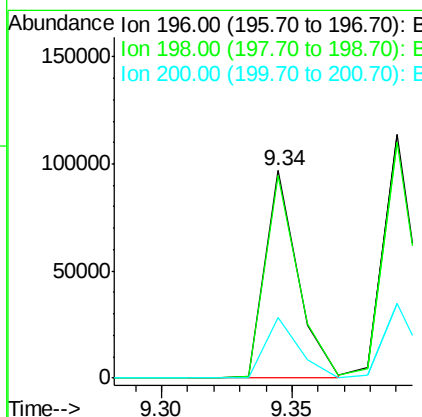
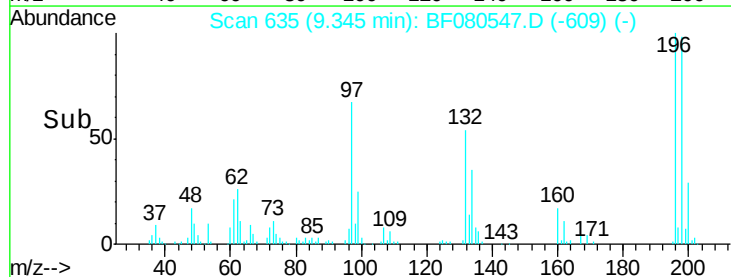
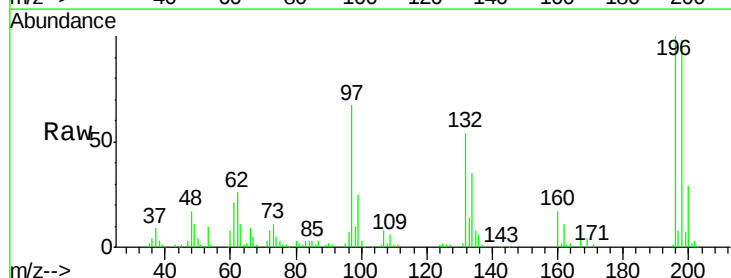
Manual Integrations
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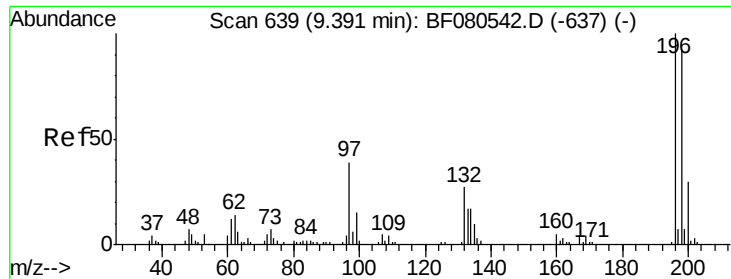
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#42
 2,4,6-Trichlorophenol
 Concen: 51.17 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84573		
198	97.6	75.4	113.2	
200	29.4	23.3	34.9	





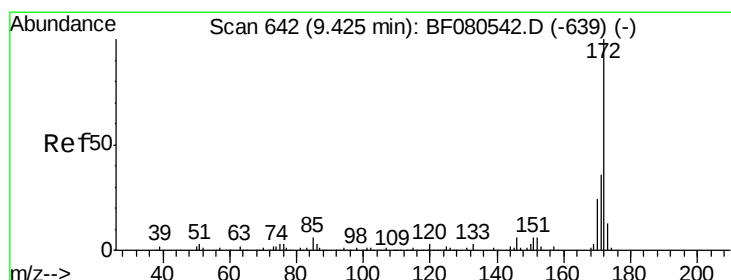
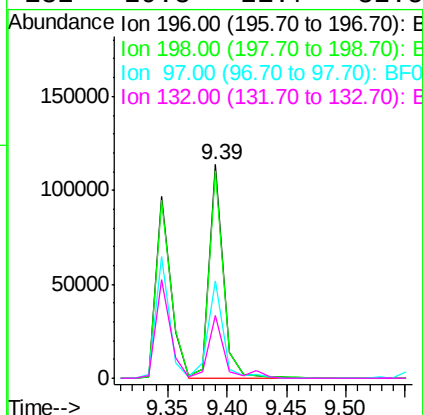
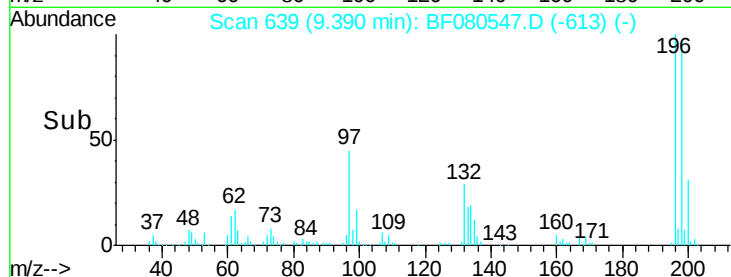
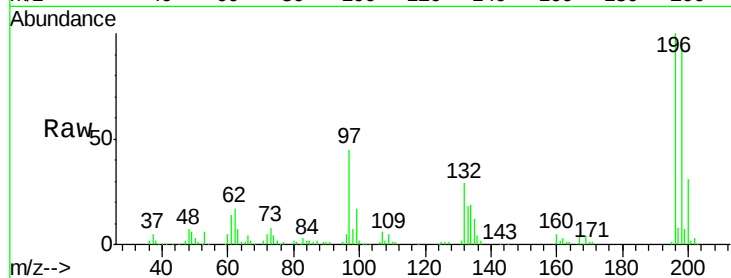
#43
 2,4,5-Trichlorophenol
 Concen: 52.41 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94647		
198	97.1	73.8	110.8	
97	45.3	31.3	46.9	
132	29.3	21.7	32.5	

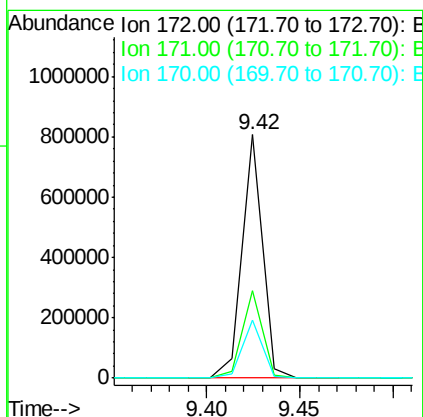
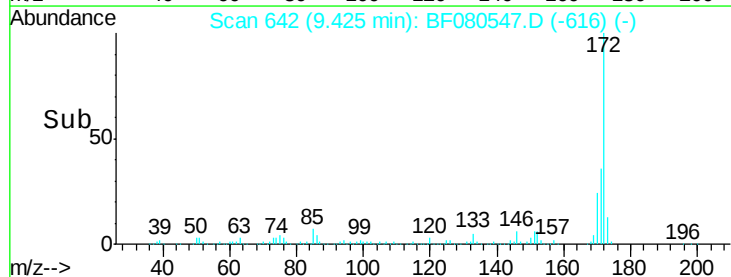
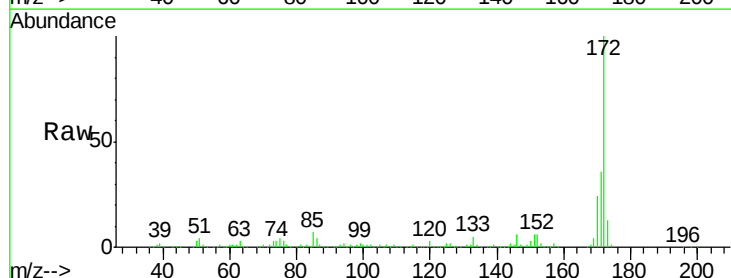
Manual Integrations
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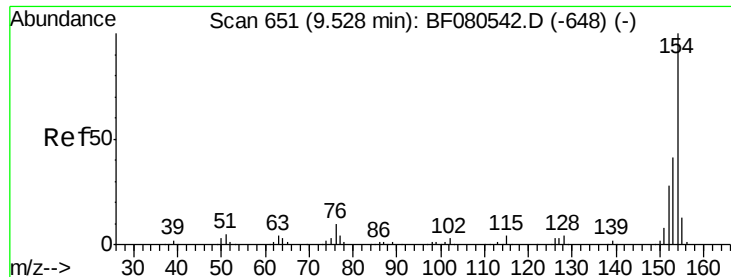
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#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

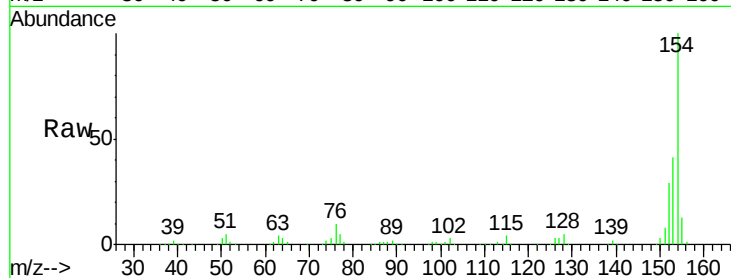
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	621686		
171	36.1	28.8	43.2	
170	24.0	19.0	28.4	





#45
 1,1'-Biphenyl
 Concen: 48.04 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

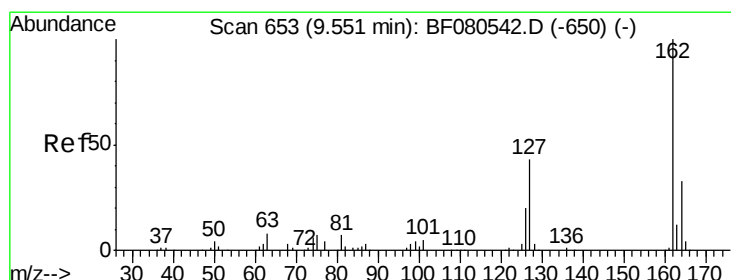
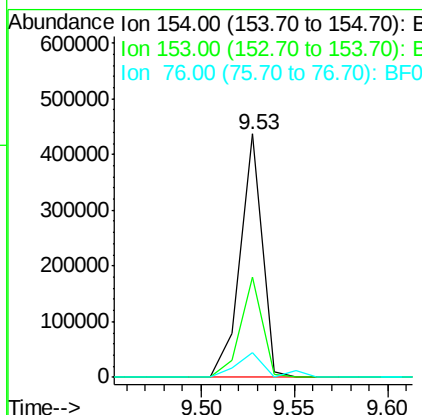
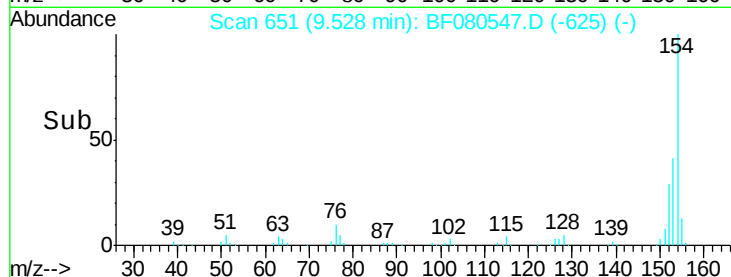
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion:	154	Resp:	361409
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	10.1	0.0	29.6

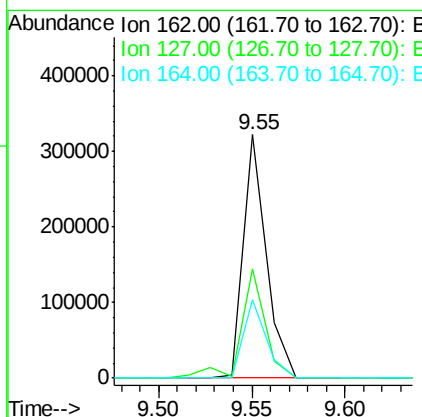
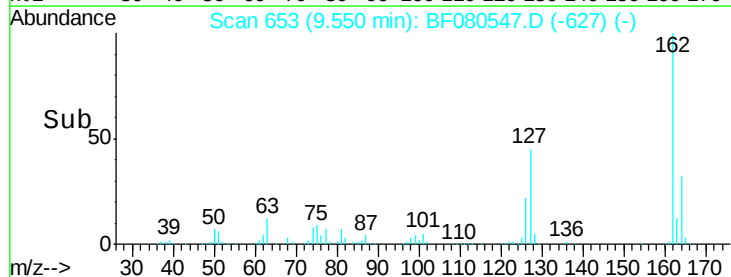
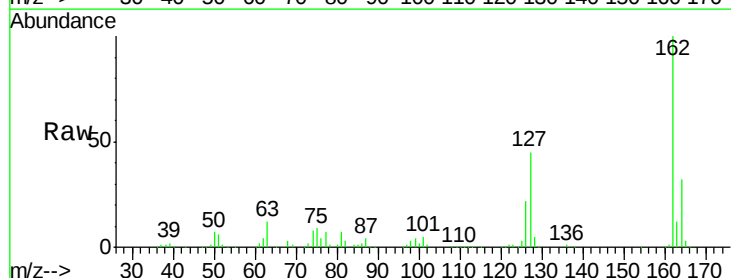
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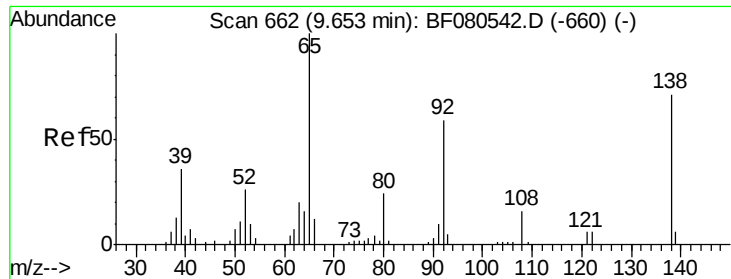
apatel
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#46
 2-Chloronaphthalene
 Concen: 49.56 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion:	162	Resp:	274717
Ion Ratio	Lower	Upper	
162	100		
127	44.7	35.4	53.2
164	32.0	26.2	39.2





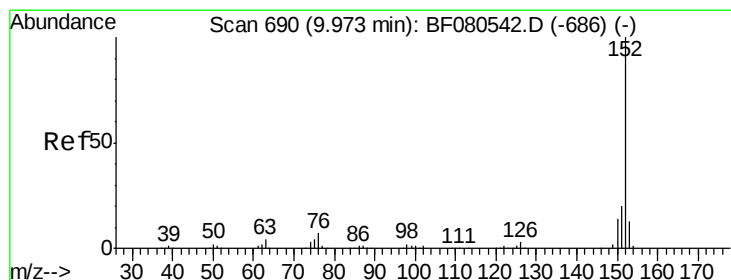
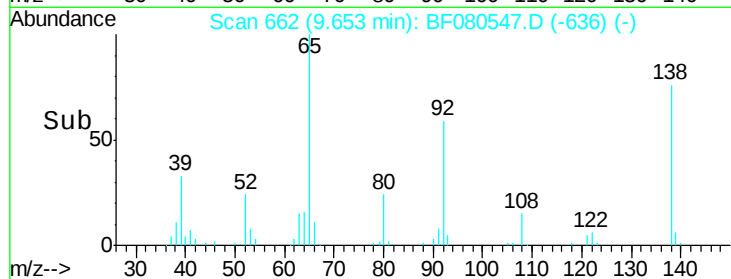
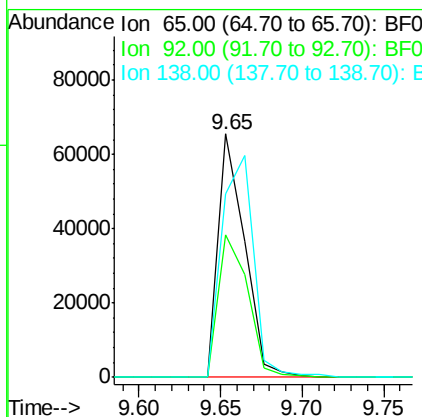
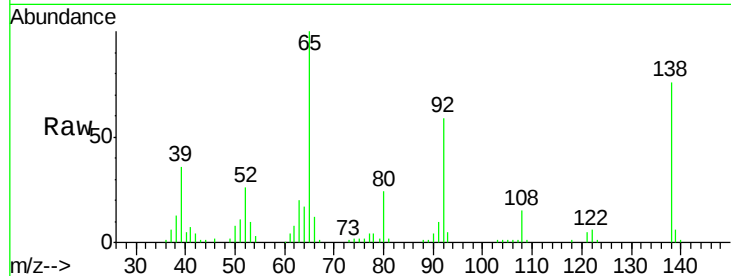
#47
2-Nitroaniline
Concen: 50.77 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	47.4	71.0
138	75.6	57.1	85.7

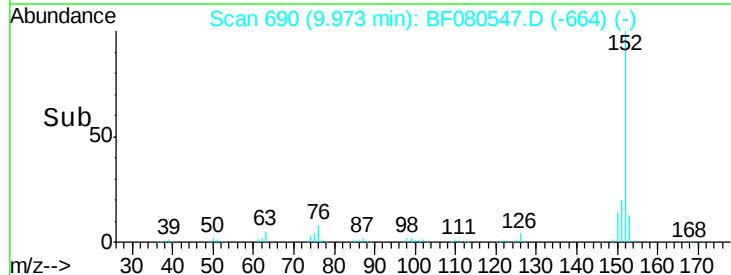
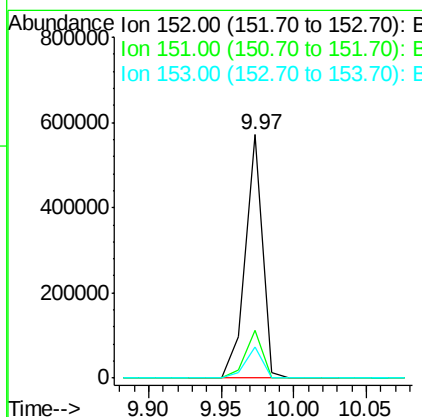
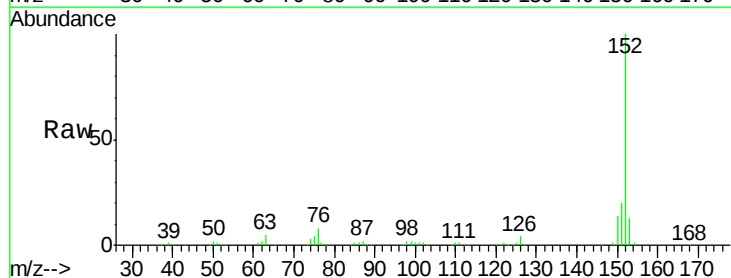
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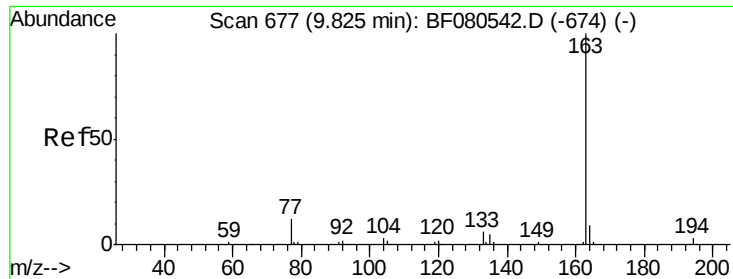
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#48
Acenaphthylene
Concen: 51.13 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.8	10.4	15.6





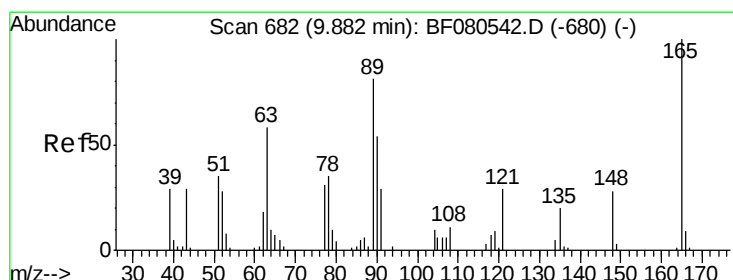
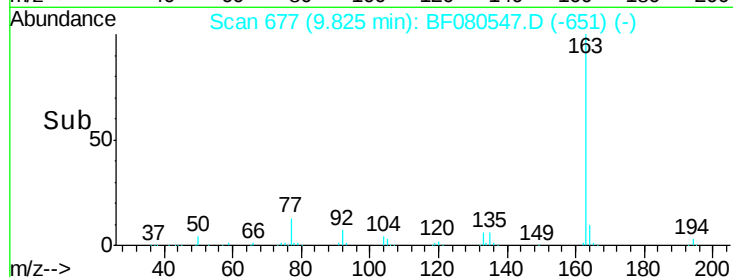
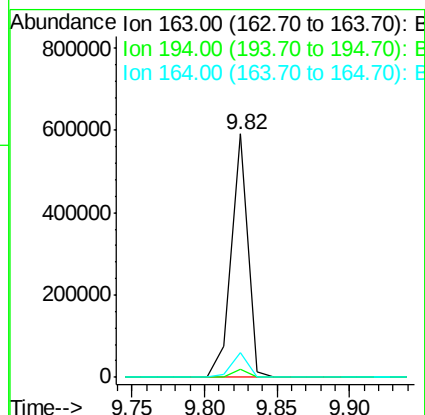
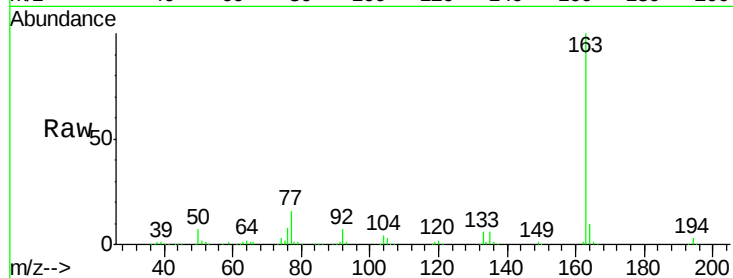
#49
Dimethylphthalate
Concen: 77.47 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	467814		
194	3.5	2.7	4.1	
164	10.1	7.4	11.2	

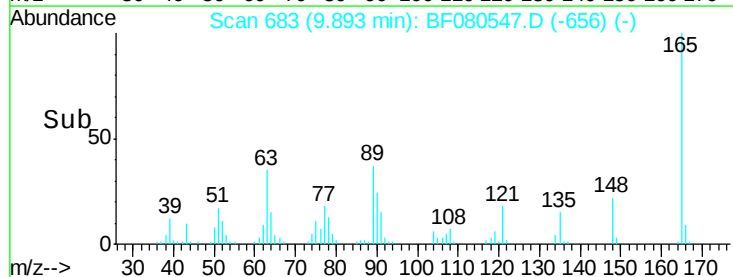
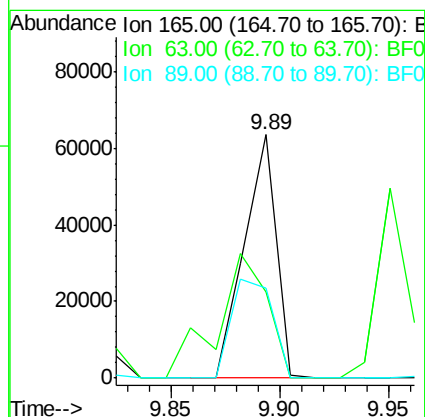
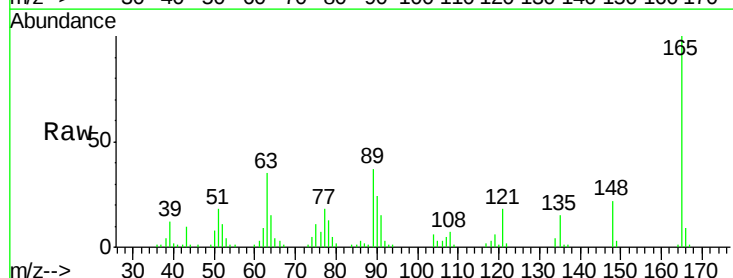
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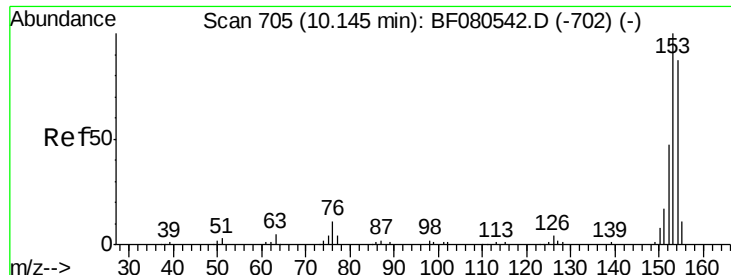
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#50
2,6-Dinitrotoluene
Concen: 50.92 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64645		
63	35.3	74.5	111.7#	
89	37.0	64.6	97.0#	





#51

Acenaphthene

Concen: 52.49 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080547.D

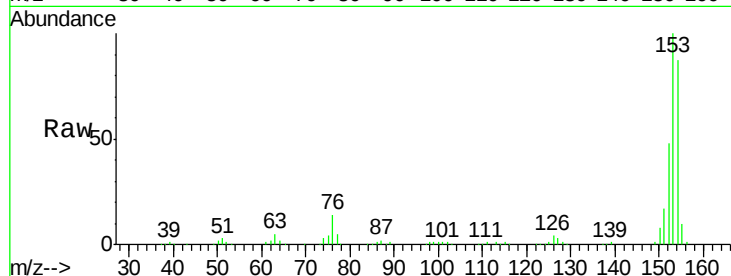
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

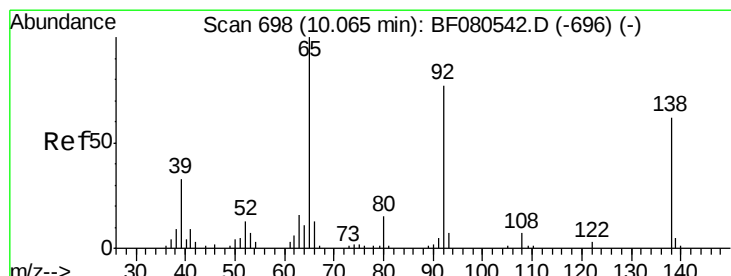
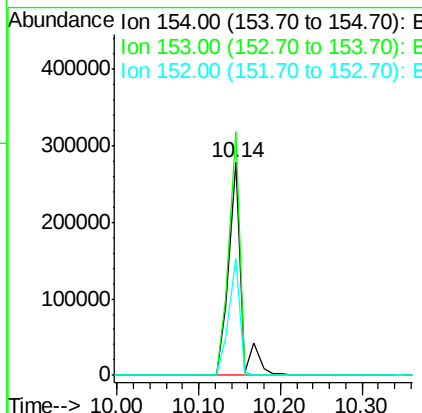
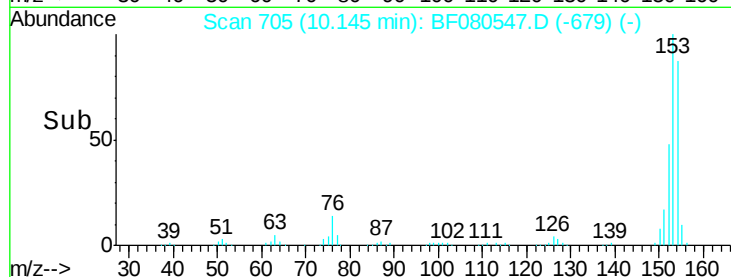
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	294504		
153	114.4	92.3	138.5	
152	54.9	43.4	65.2	

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#52

3-Nitroaniline

Concen: 33.02 ng

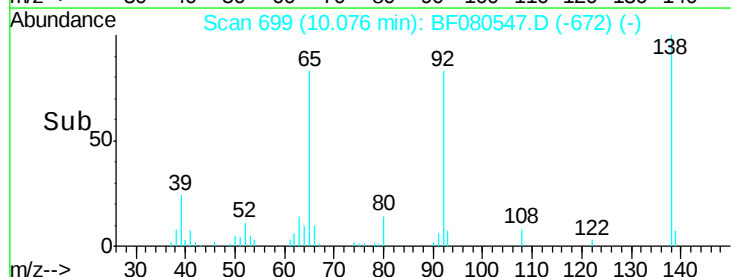
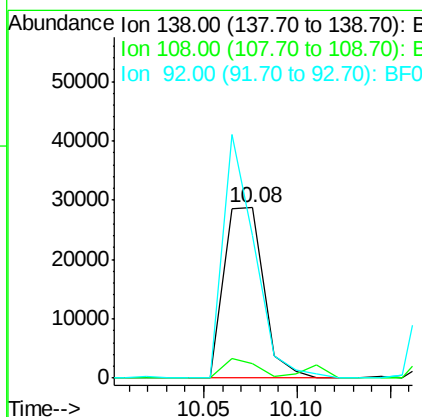
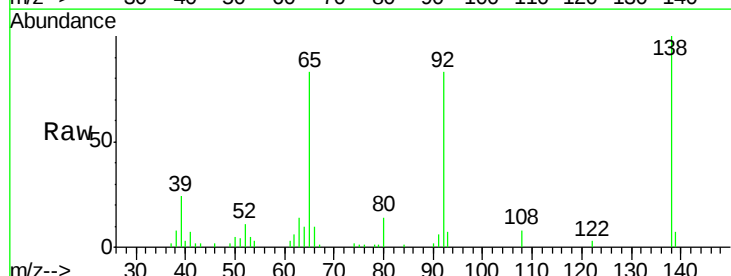
RT: 10.08 min Scan# 699

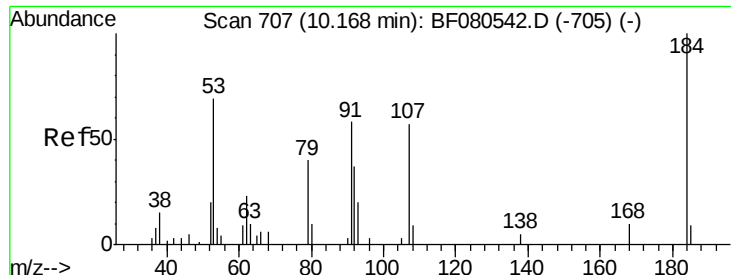
Delta R.T. 0.01 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

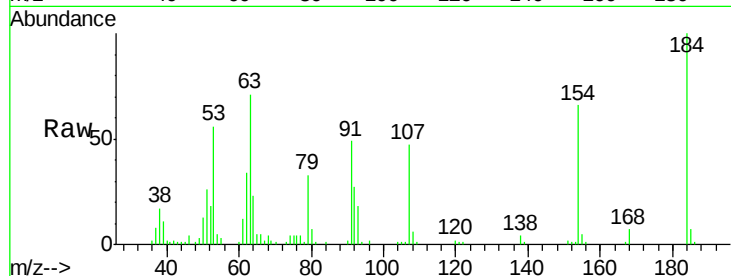
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	42675		
108	8.4	8.6	12.8#	
92	83.4	99.7	149.5#	





#53
2,4-Dinitrophenol
Concen: 87.71 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

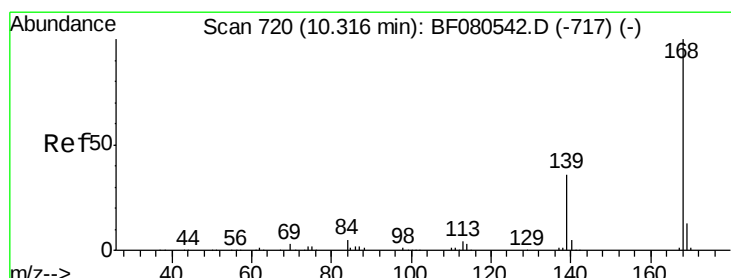
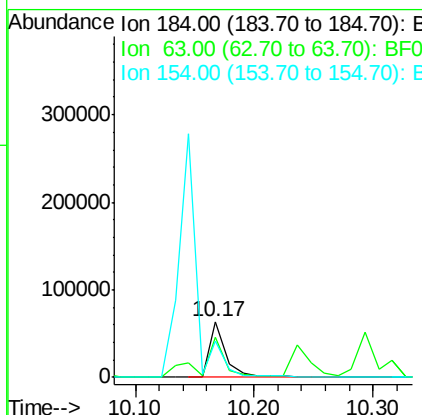
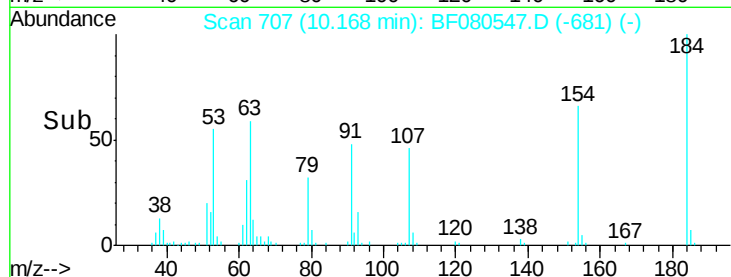
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion:184 Resp: 62643
Ion Ratio Lower Upper
184 100
63 70.8 74.8 112.2#
154 65.9 55.6 83.4

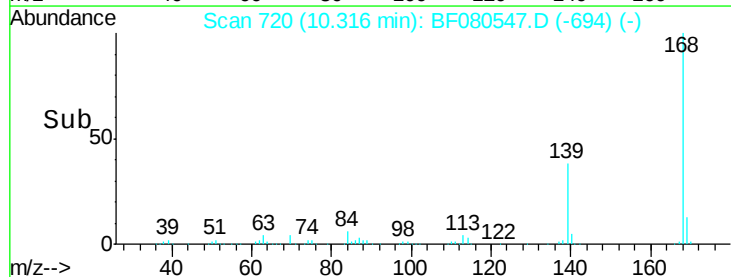
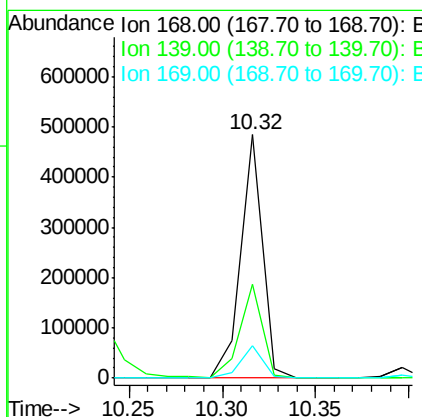
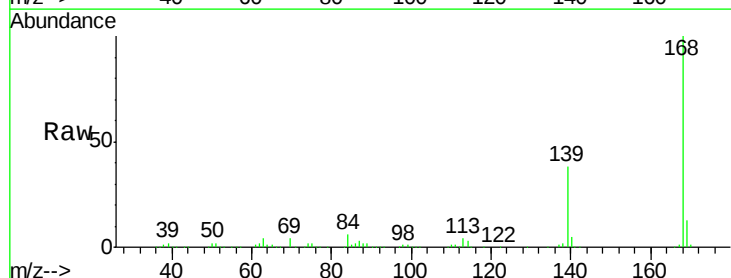
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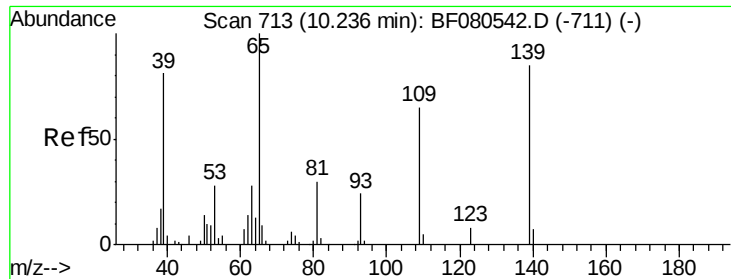
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#54
Dibenzofuran
Concen: 50.87 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion:168 Resp: 397288
Ion Ratio Lower Upper
168 100
139 38.4 29.0 43.4
169 13.1 10.6 15.8





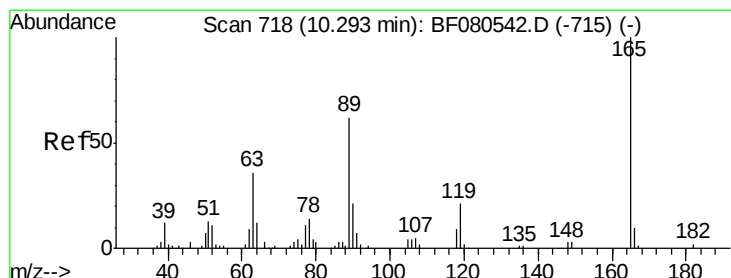
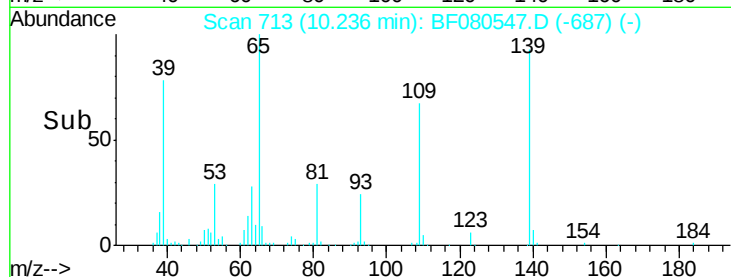
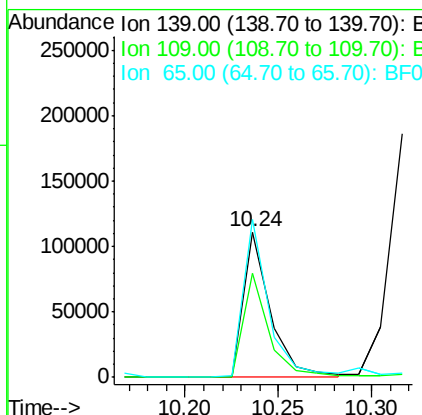
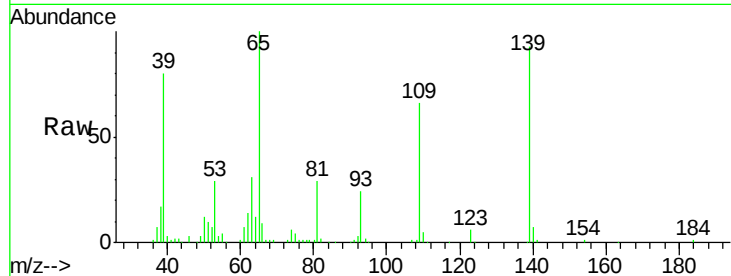
#55
4-Nitrophenol
Concen: 96.91 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.7	56.0	96.0	
65	108.1	97.3	137.3	

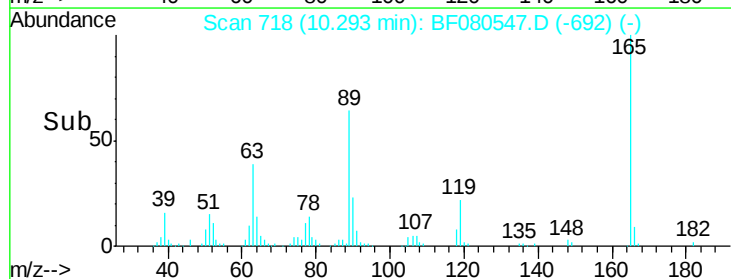
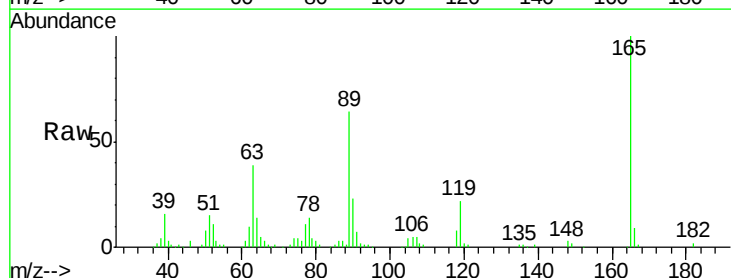
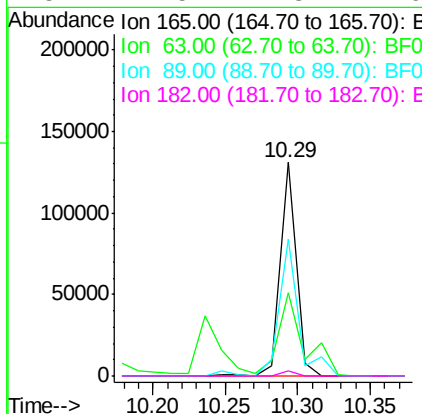
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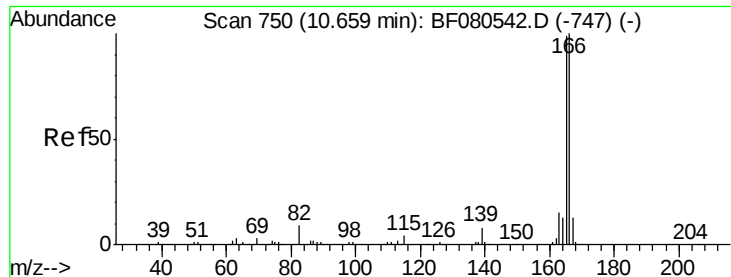
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#56
2,4-Dinitrotoluene
Concen: 54.77 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.2	30.2	45.4	
89	64.2	49.9	74.9	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 49.88 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

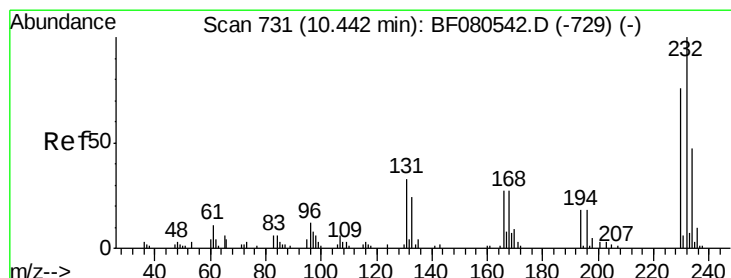
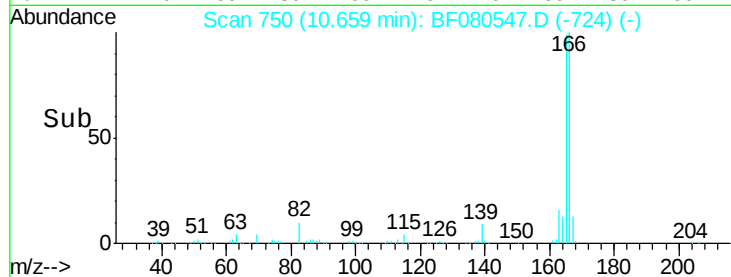
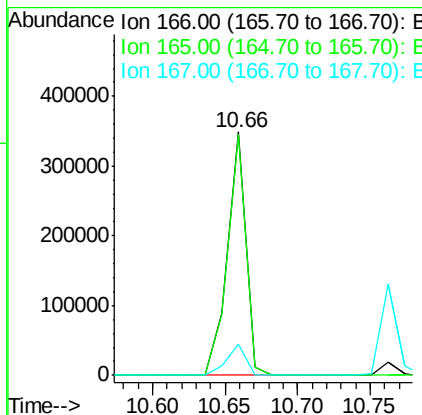
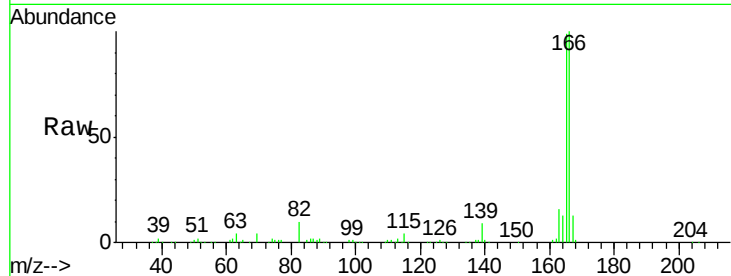
FK-BPM-02-I5-I6-I7-I8MS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	308739		
165	98.9	79.0	118.4	
167	12.8	10.1	15.1	



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.44 ng

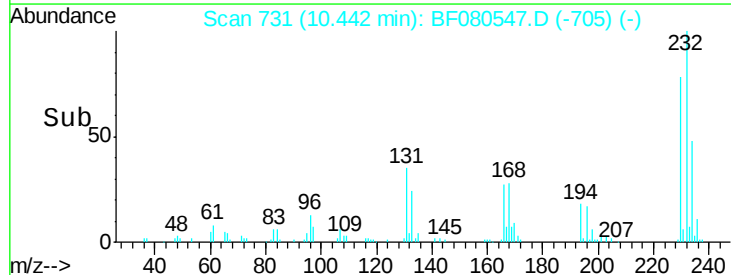
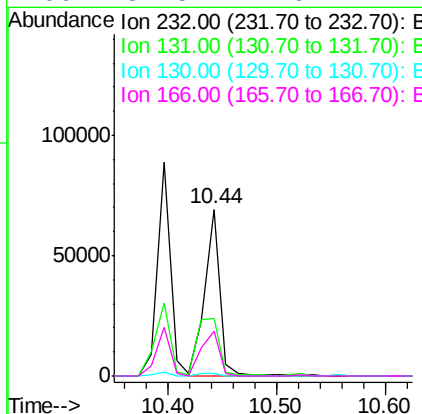
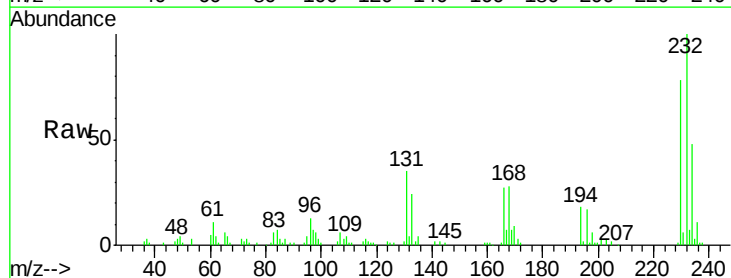
RT: 10.44 min Scan# 731

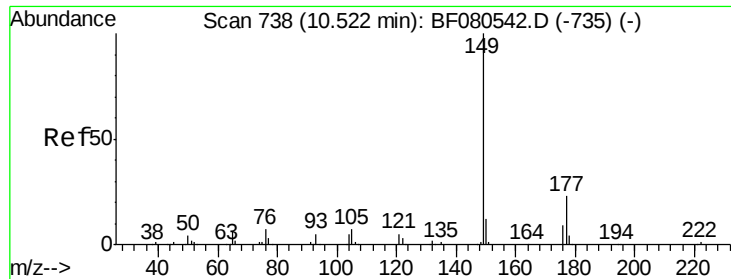
Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	68642		
131	49.9	42.7	64.1	
130	2.3	1.8	2.6	
166	31.5	27.6	41.4	





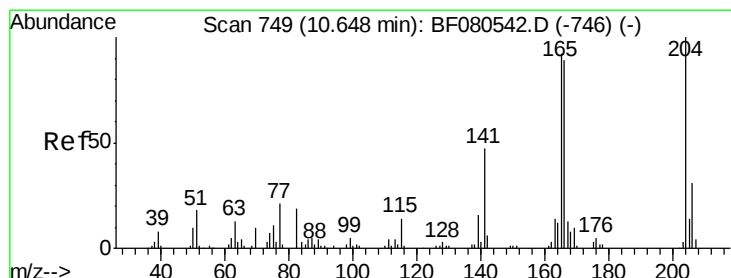
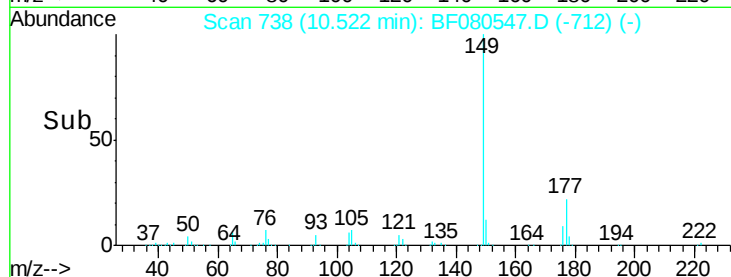
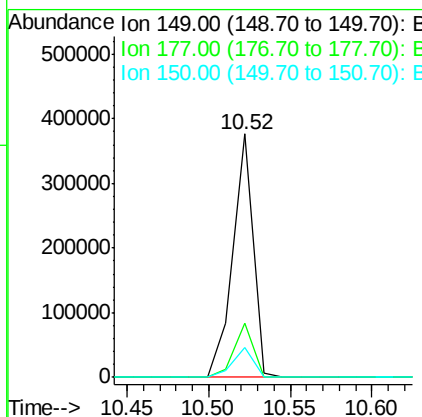
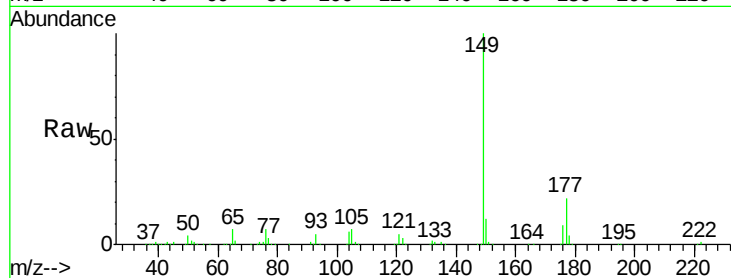
#59
Diethylphthalate
Concen: 56.27 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	320784		
177	22.4	18.4	27.6	
150	12.3	9.6	14.4	

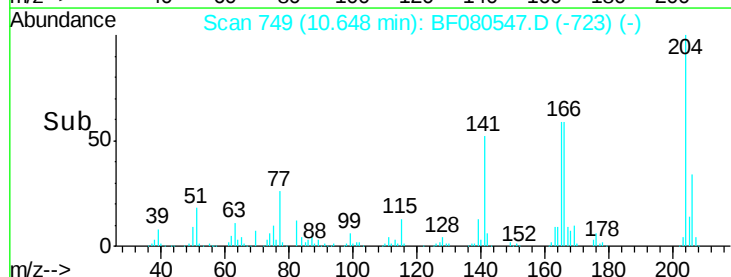
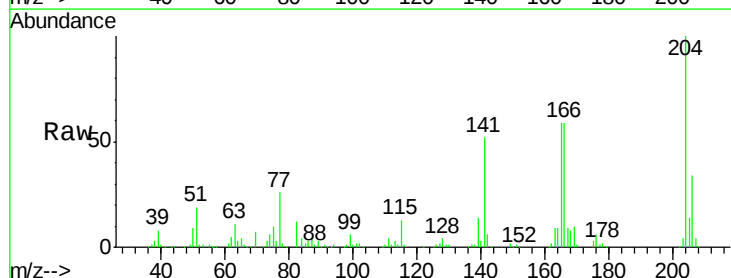
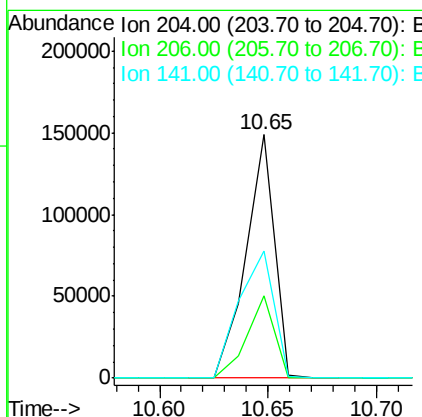
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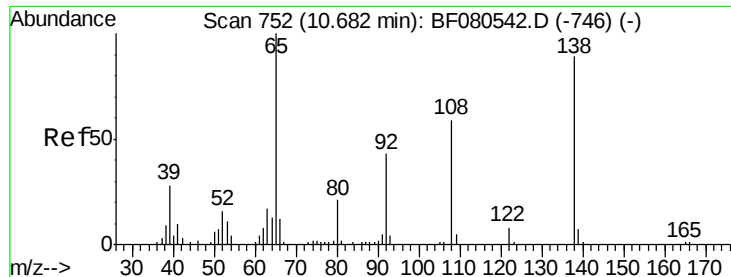
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#60
4-Chlorophenyl-phenylether
Concen: 48.52 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

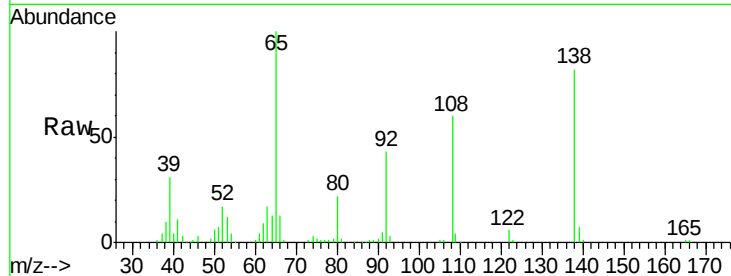
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	134495		
206	33.7	24.9	37.3	
141	52.2	37.9	56.9	





#61
4-Nitroaniline
Concen: 48.66 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

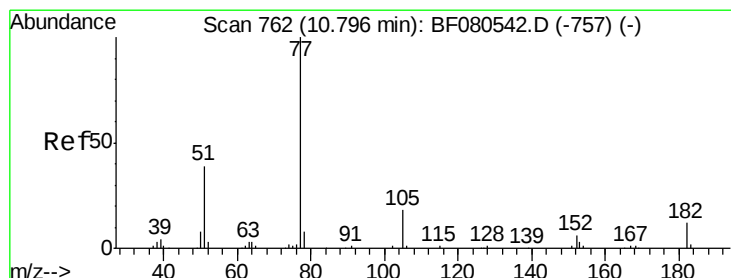
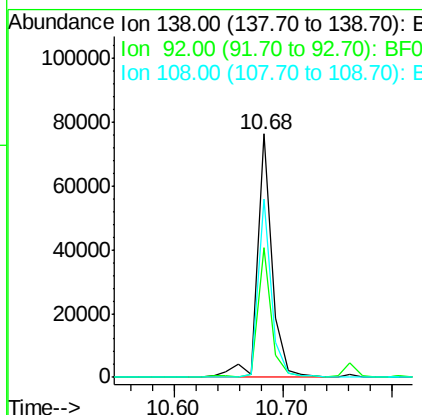
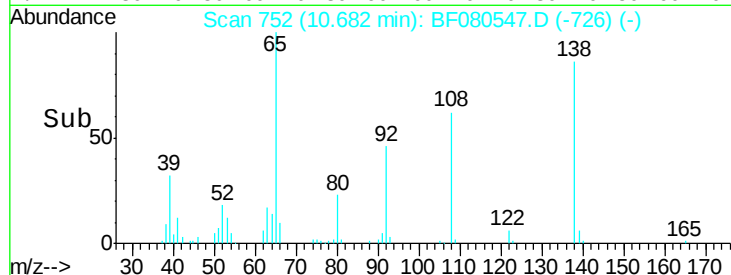
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	28.9	68.9
108	73.3	46.9	86.9

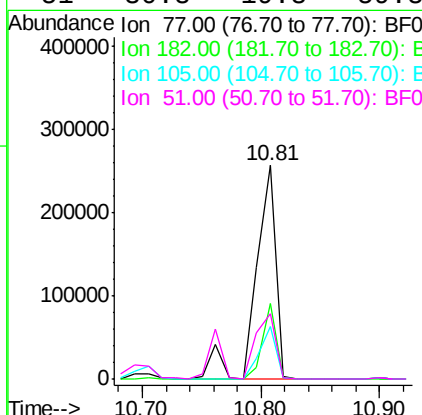
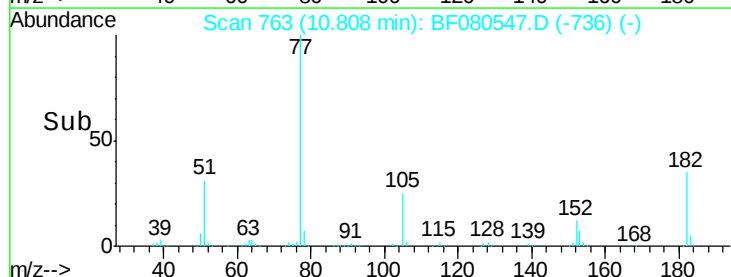
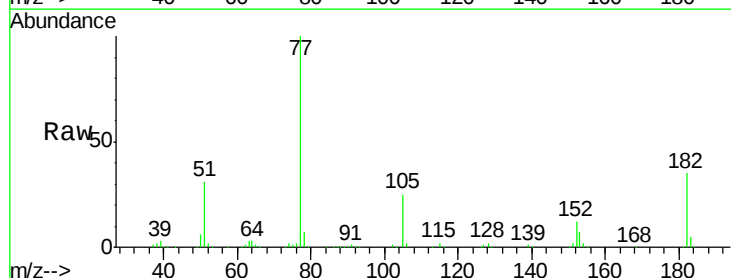
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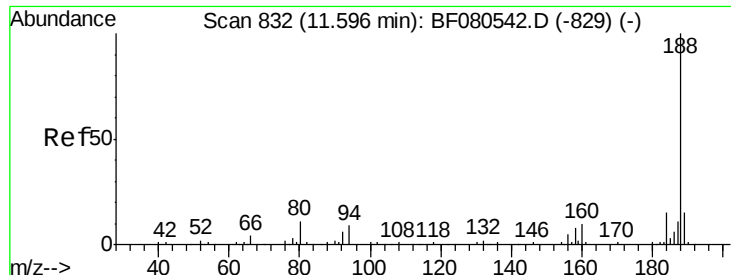
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#62
Azobenzene
Concen: 52.92 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.4	0.0	31.9#
105	24.6	0.0	38.0
51	30.8	19.8	59.8





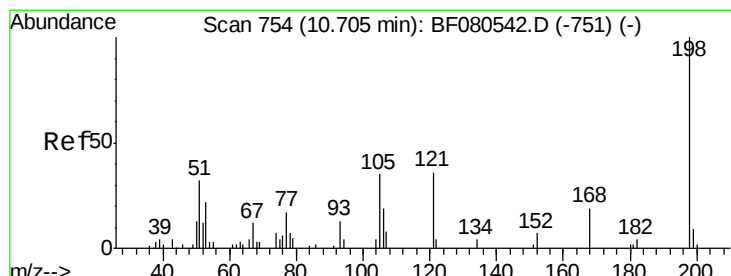
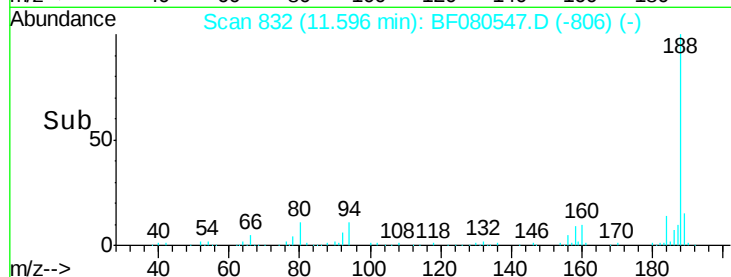
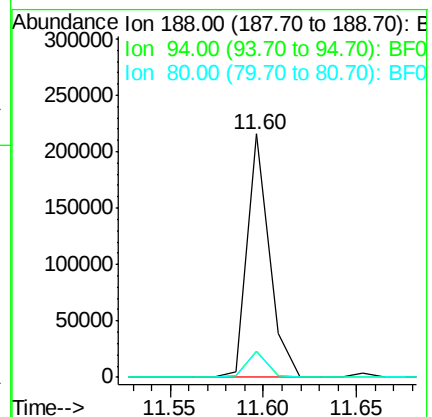
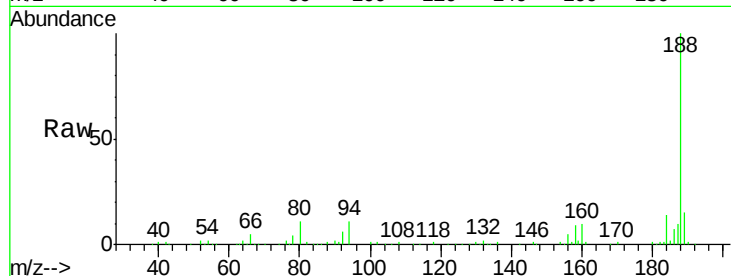
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	7.6	11.4
80	10.9	8.6	12.8

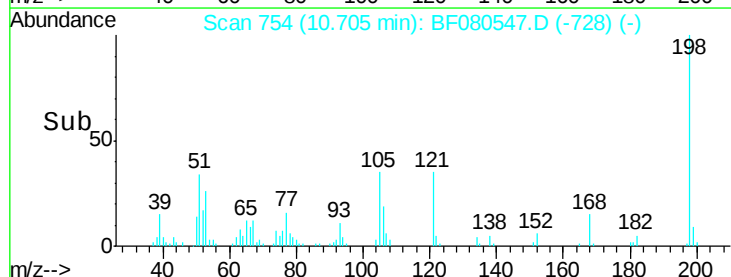
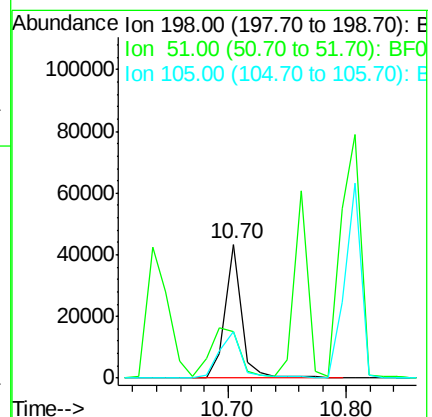
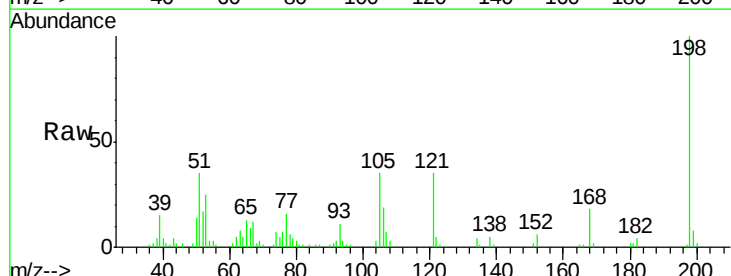
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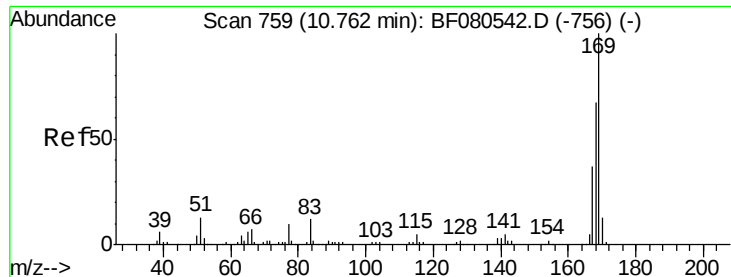
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.58 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	34.9	16.0	56.0
105	34.6	15.1	55.1





#65

n-Nitrosodiphenylamine

Concen: 45.57 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

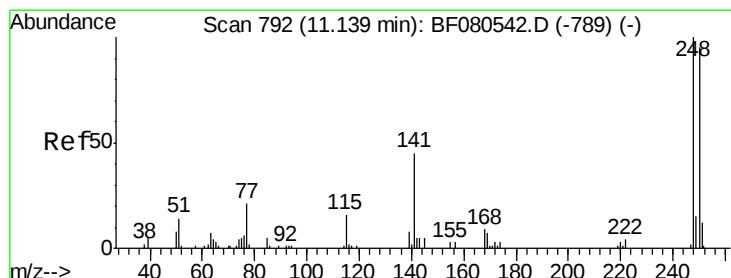
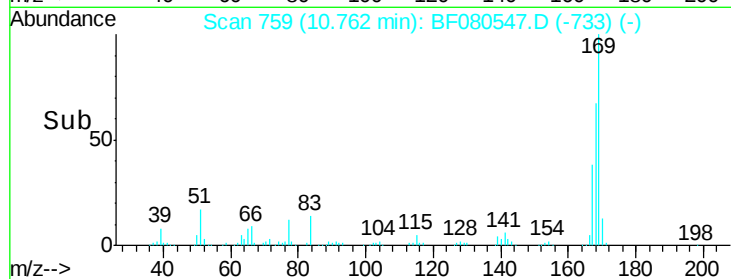
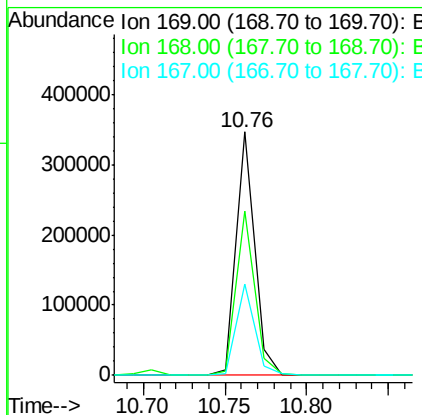
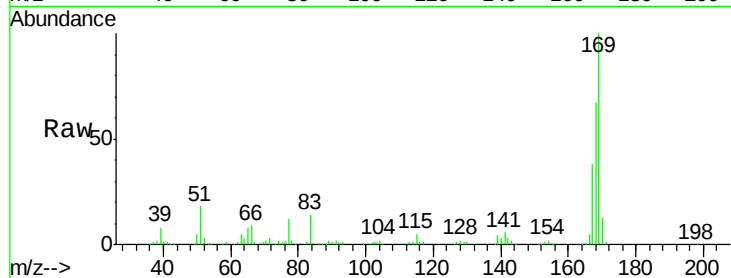
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	169	Resp:	269558
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.3	79.9
167	37.5	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 46.96 ng

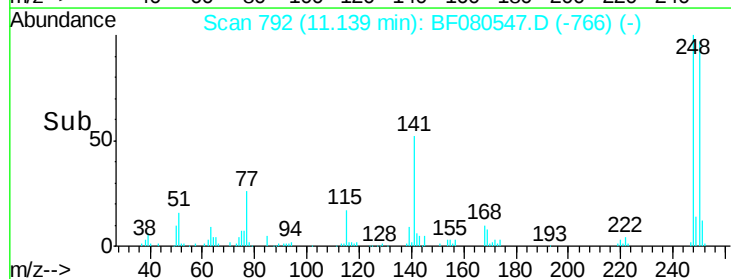
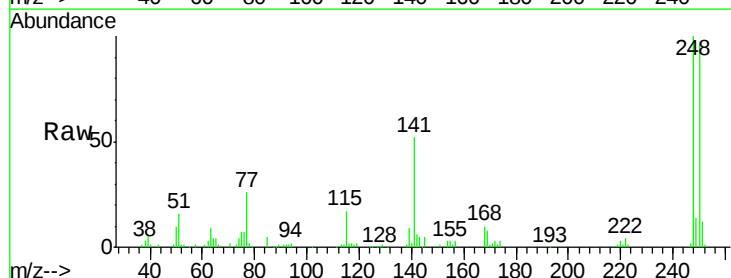
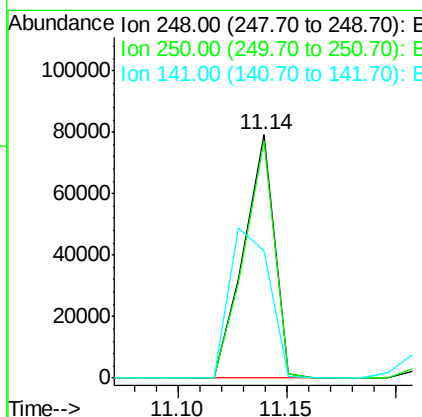
RT: 11.14 min Scan# 792

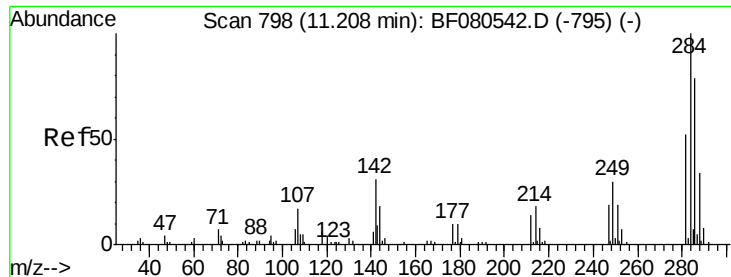
Delta R.T. -0.00 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion:	248	Resp:	77303
Ion Ratio	Lower	Upper	
248	100		
250	97.4	76.4	114.6
141	52.5	36.0	54.0





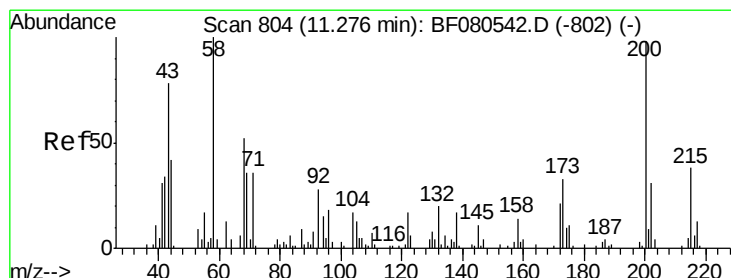
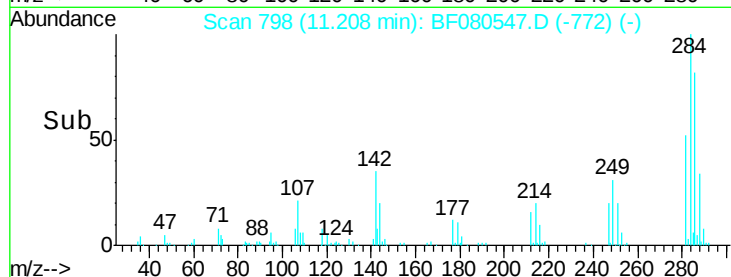
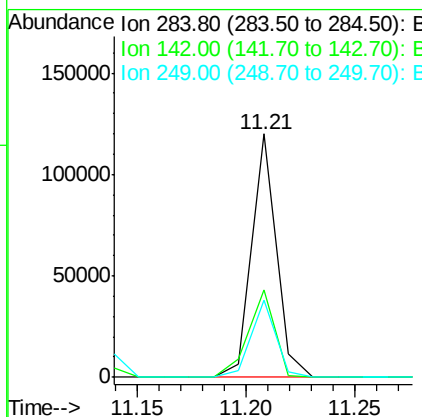
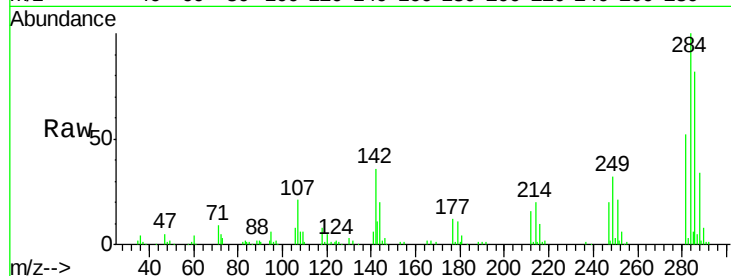
#67
Hexachlorobenzene
Concen: 47.34 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.9	24.8	37.2
249	31.7	24.2	36.2

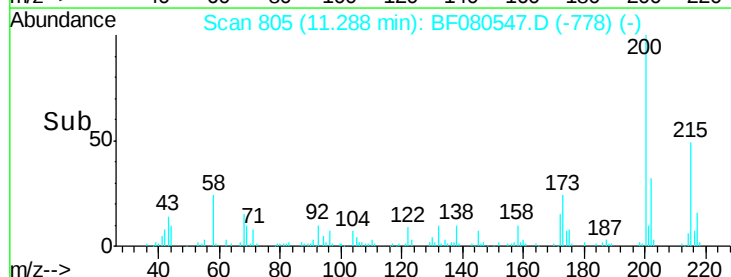
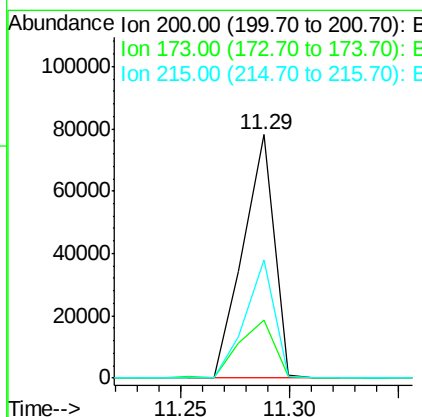
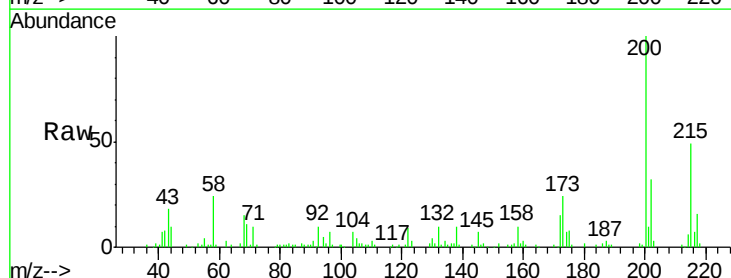
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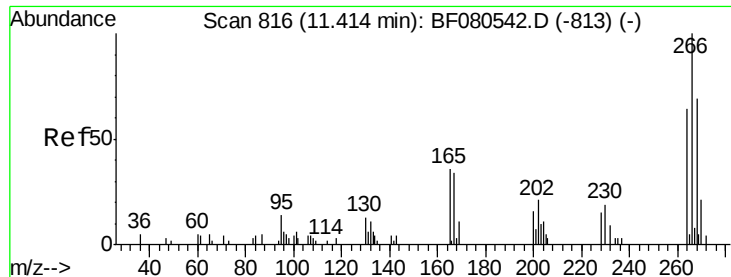
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#68
Atrazine
Concen: 55.62 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.7	13.2	53.2
215	48.5	18.7	58.7





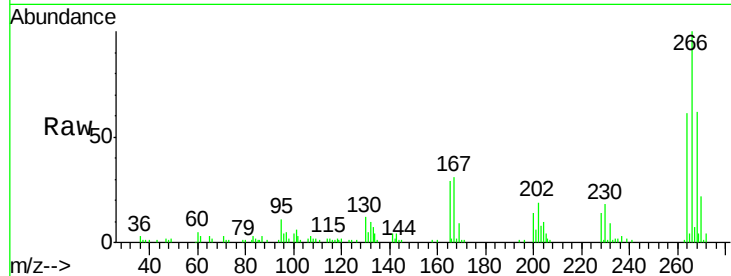
#69
 Pentachlorophenol
 Concen: 78.87 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

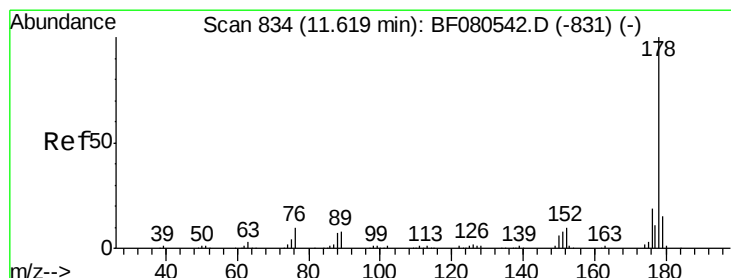
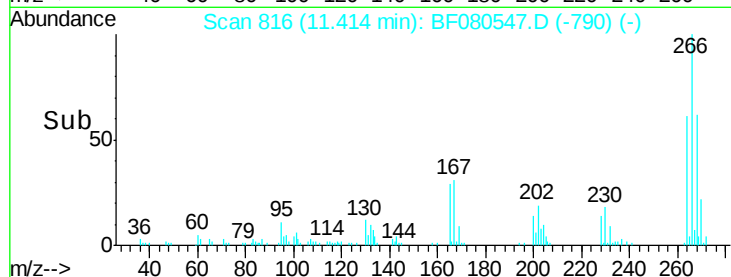
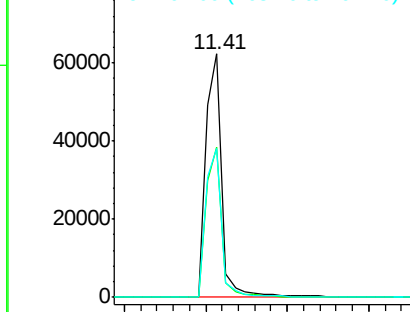
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86388		
268	61.7	55.0	82.6	
264	61.4	51.4	77.0	

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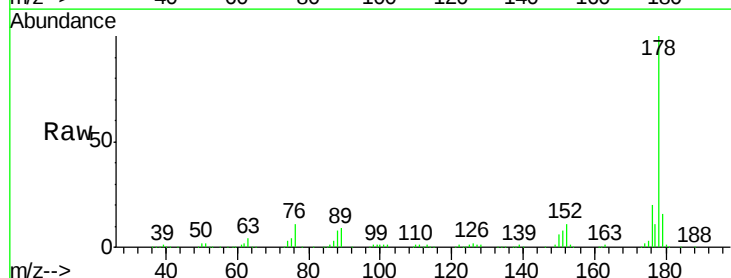


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

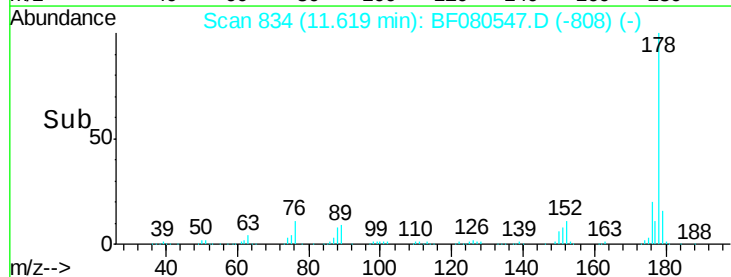
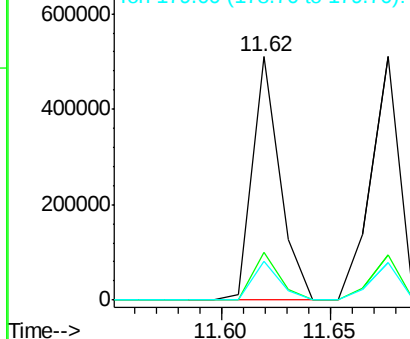


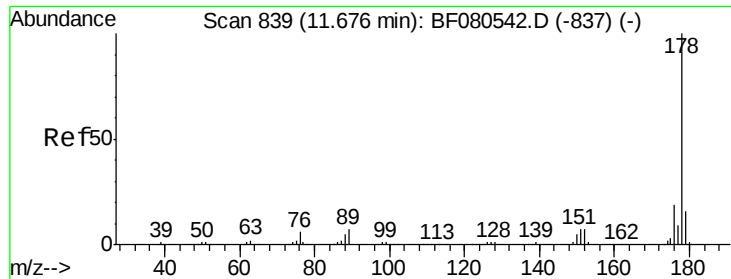
#70
 Phenanthrene
 Concen: 45.64 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	446464		
176	19.5	15.1	22.7	
179	15.8	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





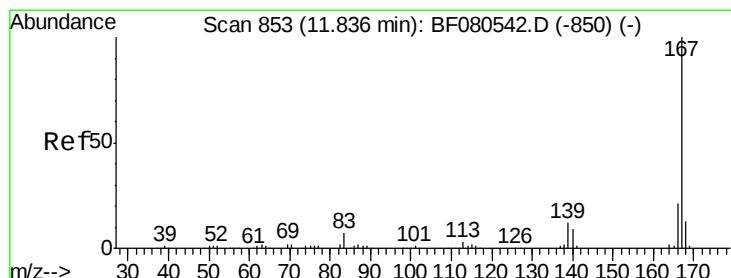
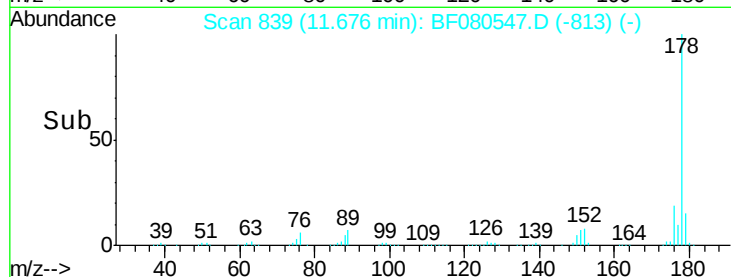
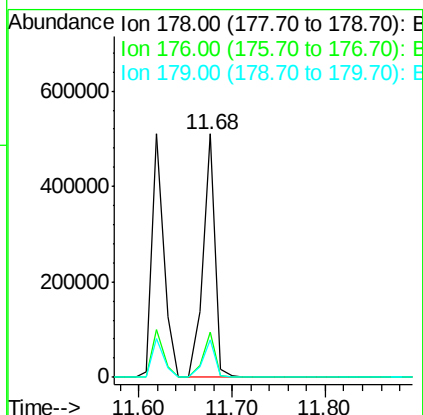
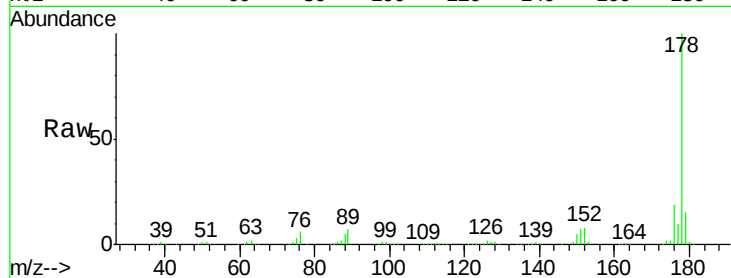
#71
 Anthracene
 Concen: 48.59 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.4	18.6

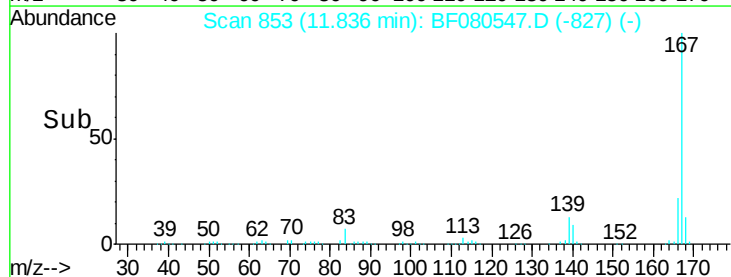
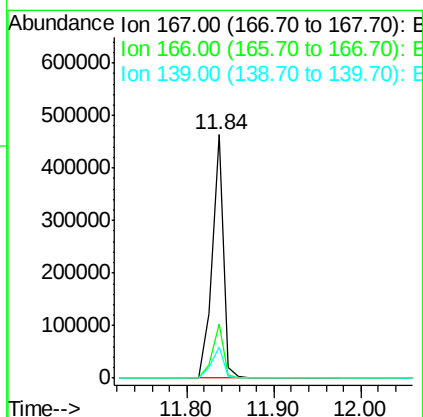
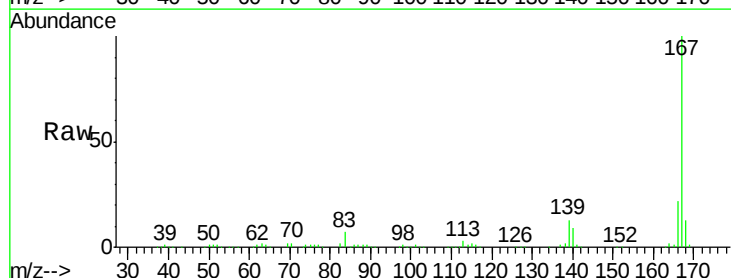
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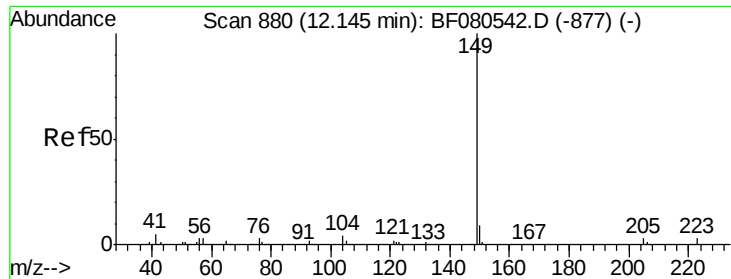
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#72
 Carbazole
 Concen: 49.49 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.7	9.8	14.8





#73

Di-n-butylphthalate

Concen: 50.00 ng

RT: 12.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF080547.D

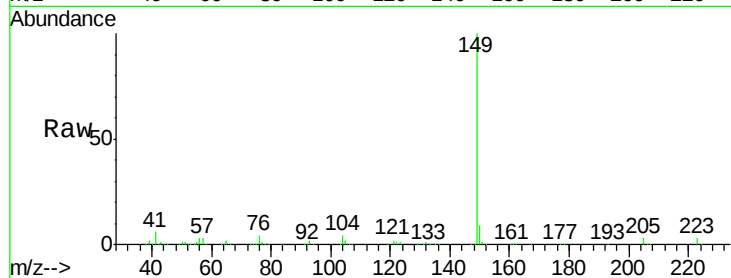
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

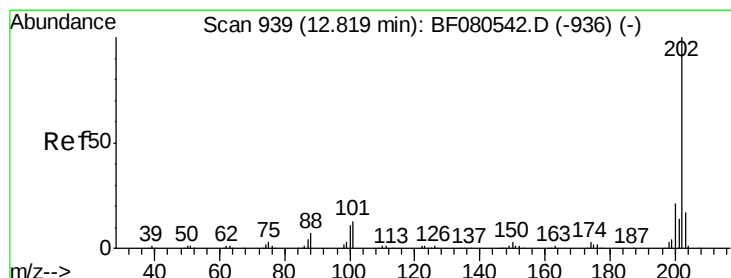
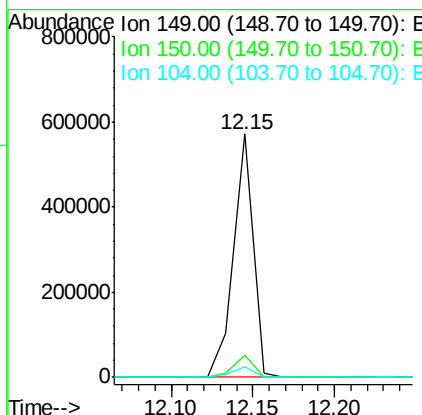
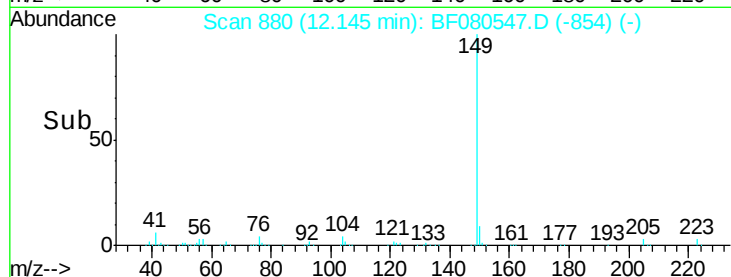
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.1	10.7	
104	4.1	3.1	4.7	

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#74

Fluoranthene

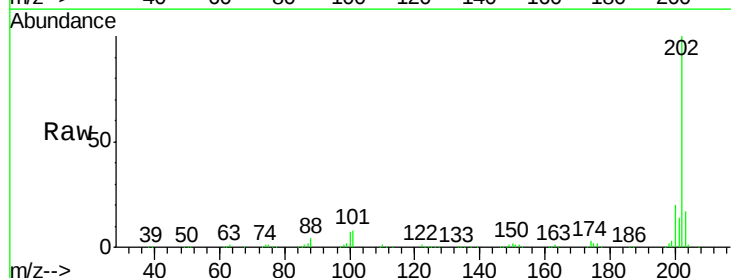
Concen: 48.91 ng

RT: 12.83 min Scan# 940

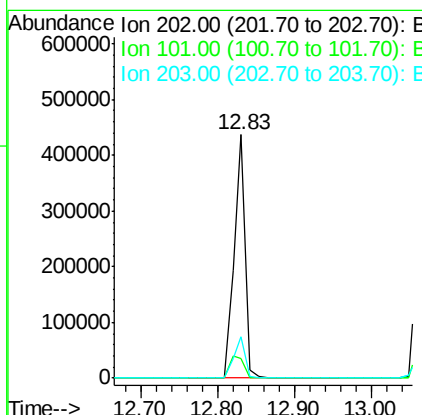
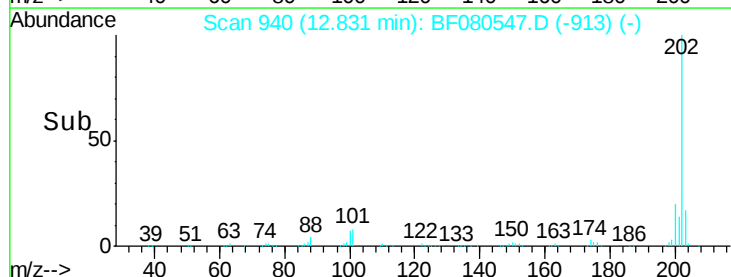
Delta R.T. 0.01 min

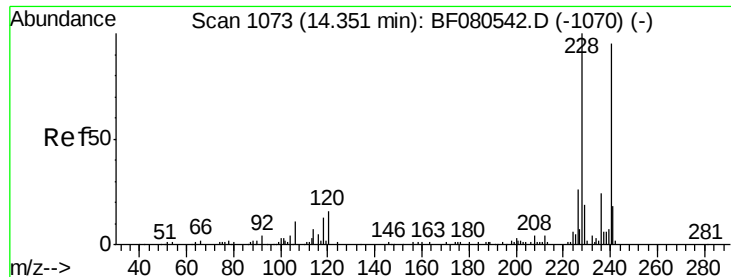
Lab File: BF080547.D

Acq: 17 Jul 2015 21:53



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.1	0.0	32.9	
203	17.1	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.39 min Scan# 1076

Delta R.T. 0.03 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

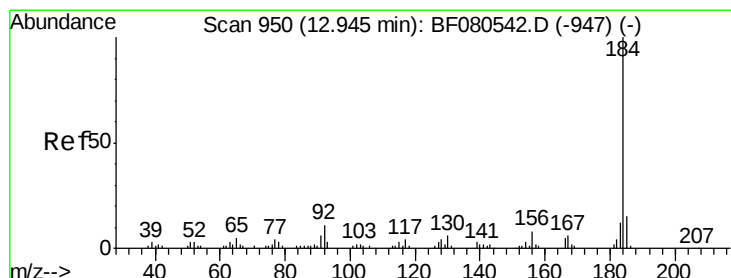
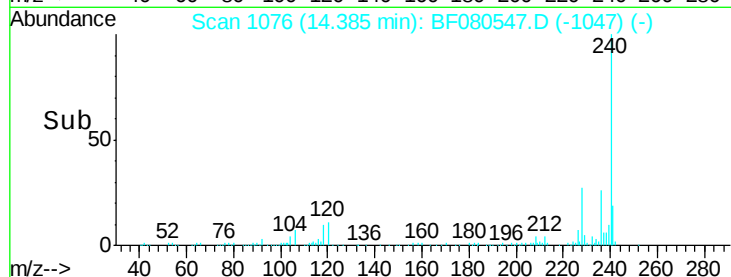
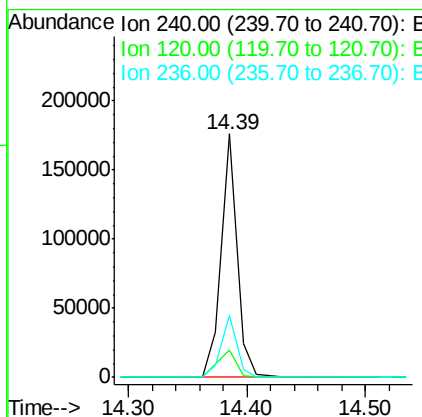
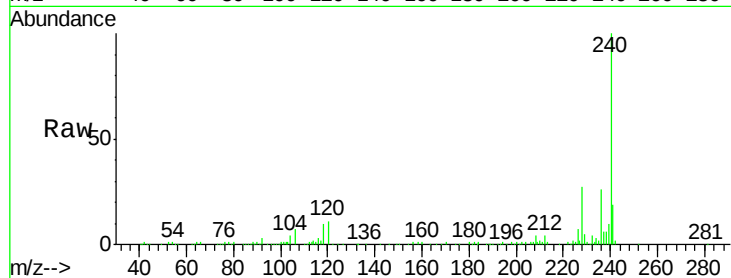
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion:	240	Resp:	162576
Ion Ratio	Lower	Upper	
240	100		
120	11.0	13.6	20.4#
236	25.7	20.2	30.4

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#76

Benzidine

Concen: 32.73 ng

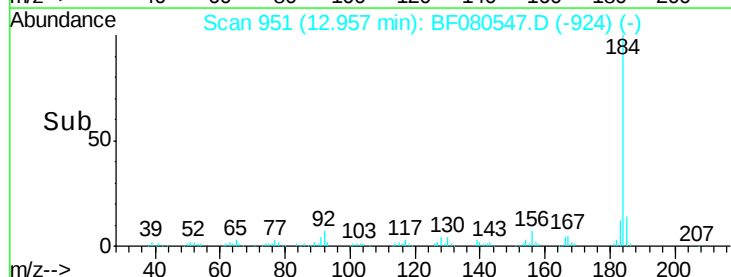
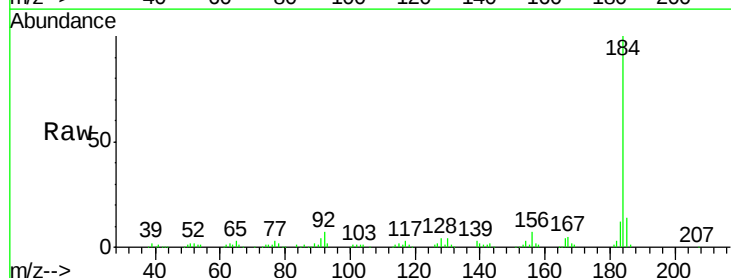
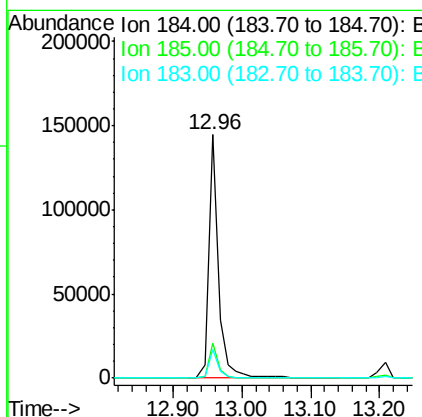
RT: 12.96 min Scan# 951

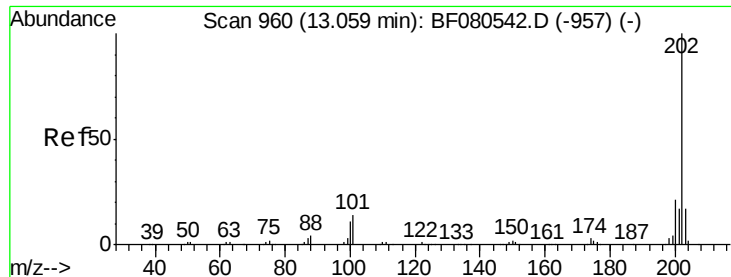
Delta R.T. 0.01 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion:	184	Resp:	142399
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.9	17.9
183	12.0	9.3	13.9





#77

Pyrene

Concen: 44.81 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080547.D

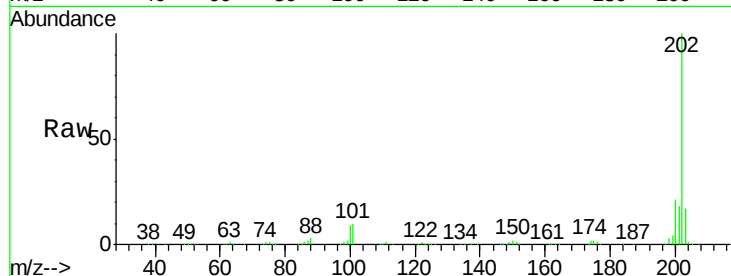
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

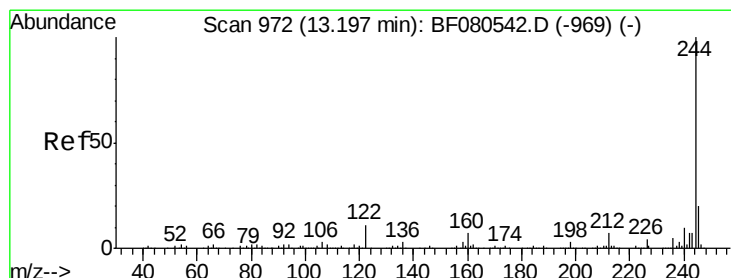
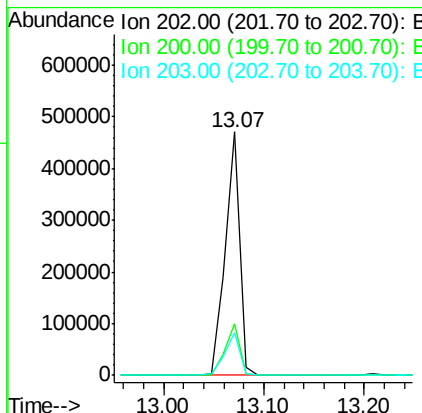
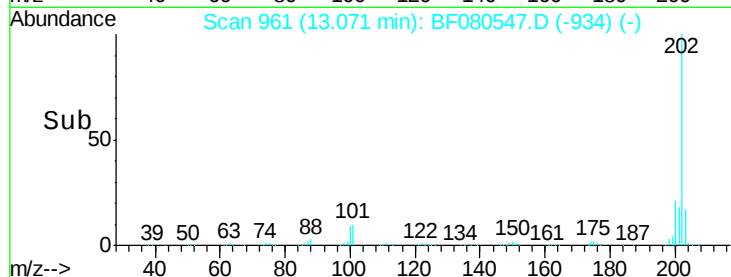
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	14.0	21.0

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#78

Terphenyl-d14

Concen: 85.20 ng

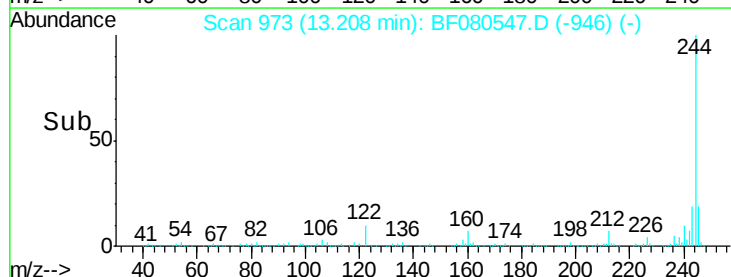
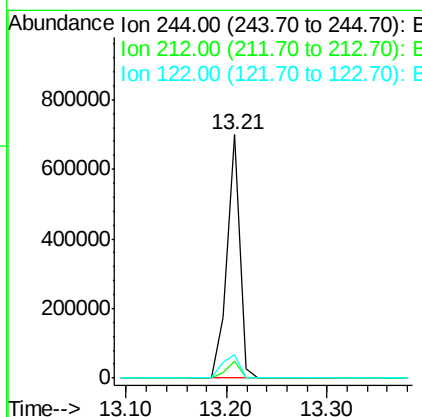
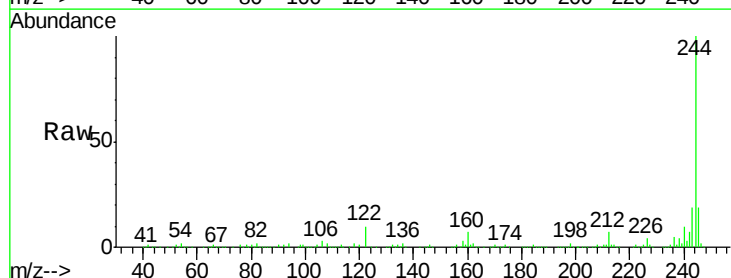
RT: 13.21 min Scan# 973

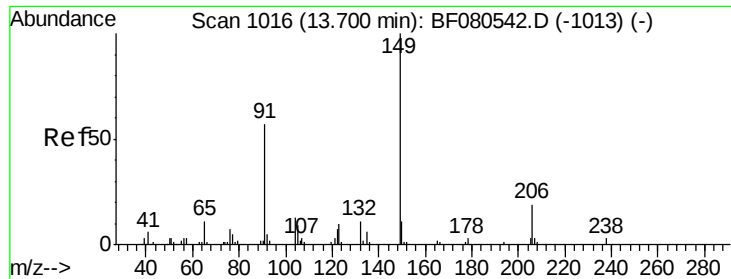
Delta R.T. 0.01 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.6	9.0	13.4





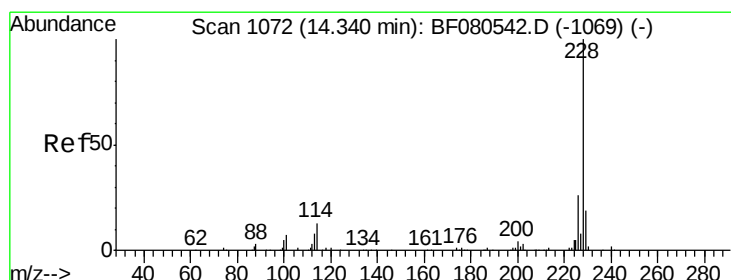
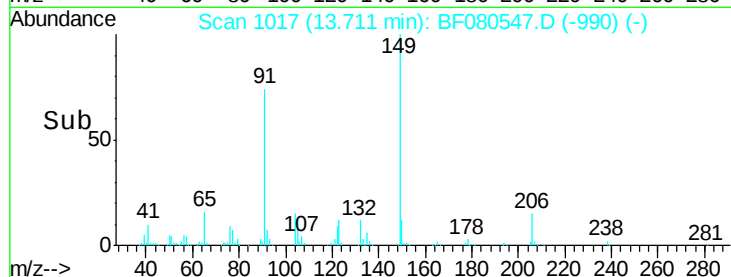
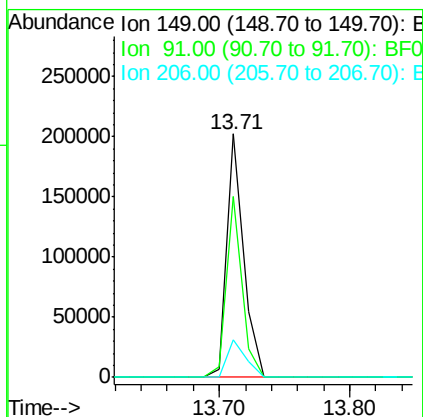
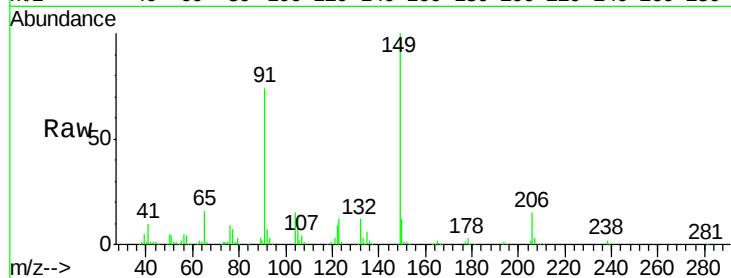
#79
Butylbenzylphthalate
Concen: 50.18 ng
RT: 13.71 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.3	45.6	68.4#
206	15.4	15.1	22.7

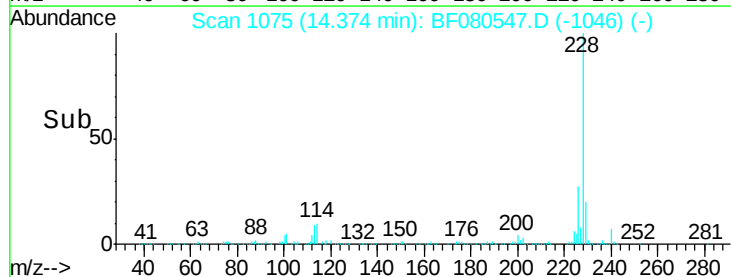
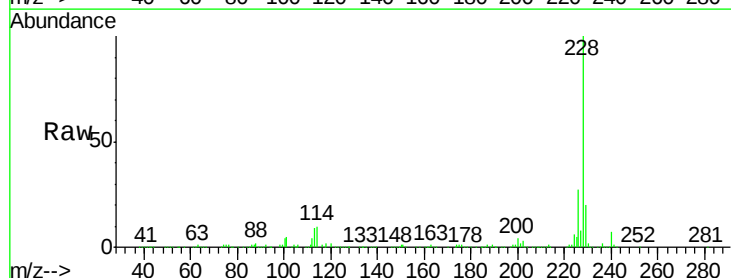
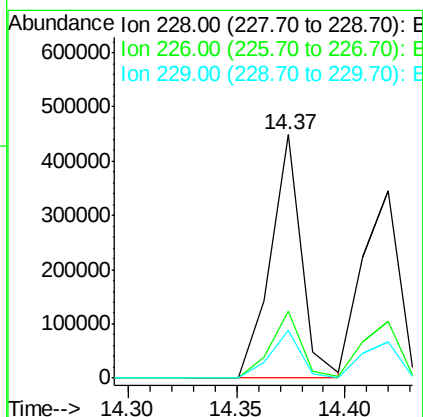
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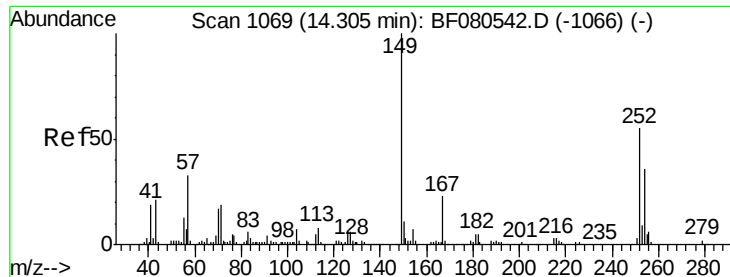
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#80
Benzo(a)anthracene
Concen: 49.25 ng
RT: 14.37 min Scan# 1075
Delta R.T. 0.03 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	21.4	32.2
229	19.6	15.5	23.3





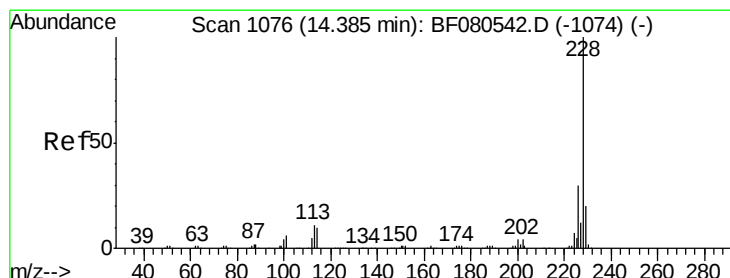
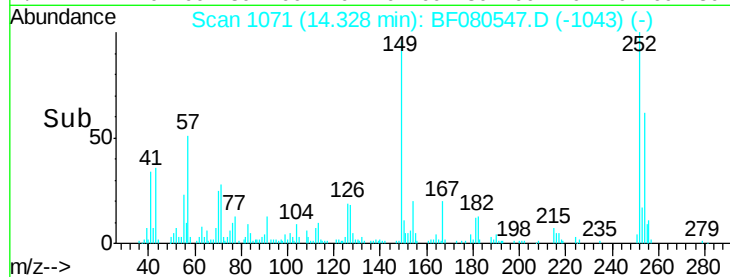
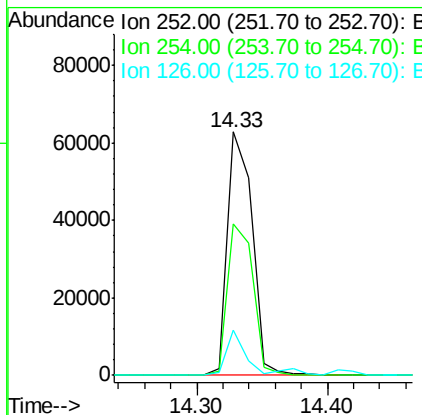
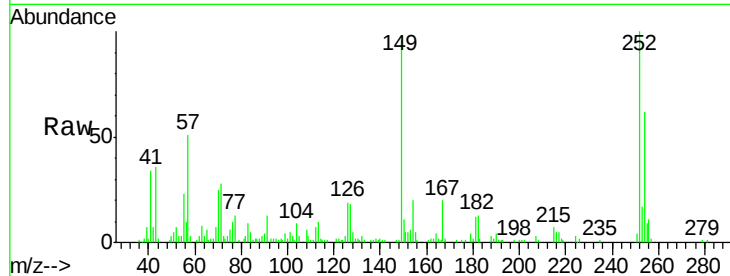
#81
 3,3'-Dichlorobenzidine
 Concen: 28.86 ng
 RT: 14.33 min Scan# 1071
 Delta R.T. 0.02 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.1	51.6	77.4
126	18.8	8.9	13.3

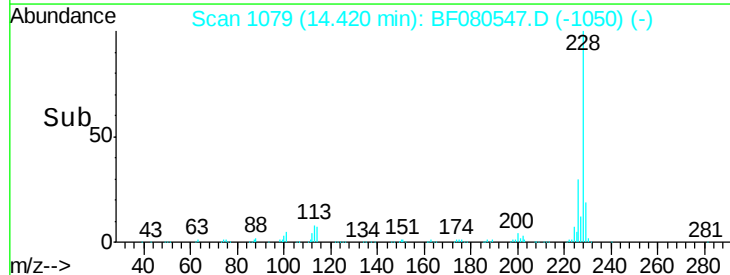
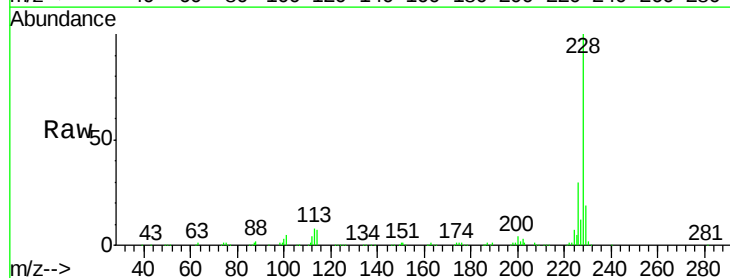
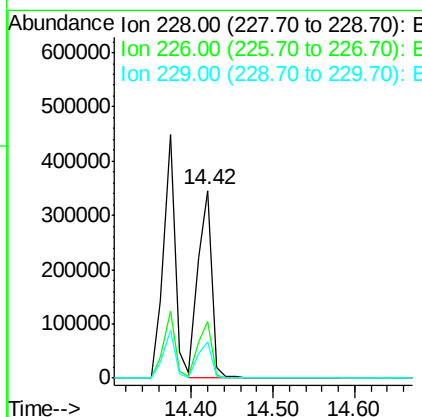
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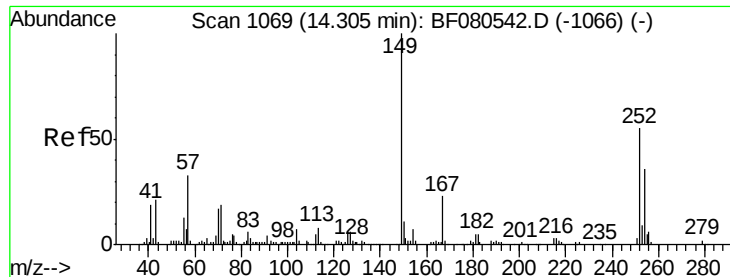
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#82
 Chrysene
 Concen: 45.48 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. 0.03 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	24.1	36.1
229	19.1	15.8	23.6





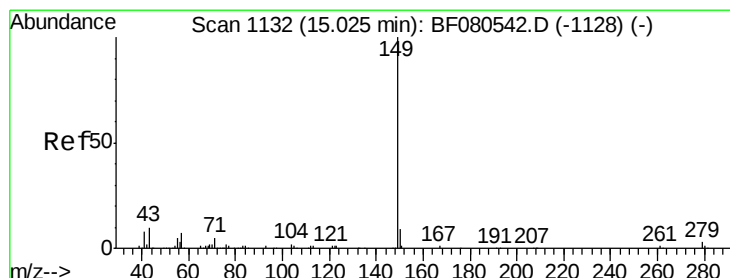
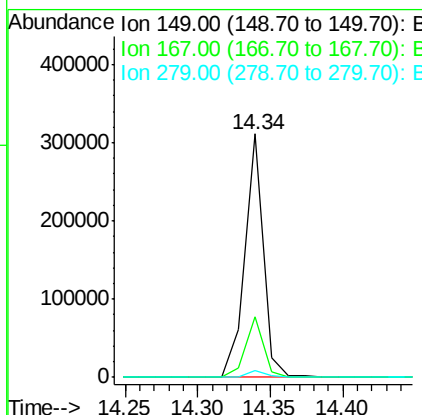
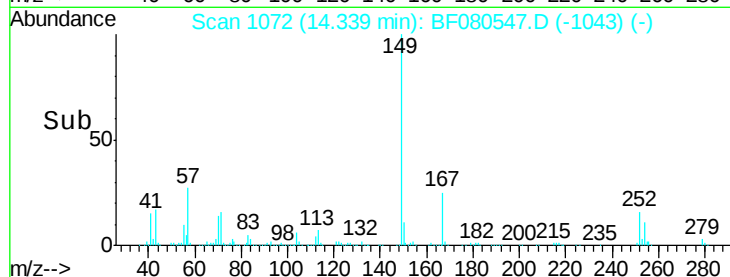
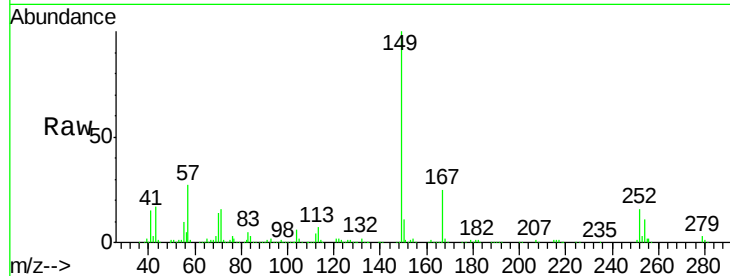
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.82 ng
 RT: 14.34 min Scan# 1072
 Delta R.T. 0.03 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.1	18.6	27.8
279	3.0	1.6	2.4

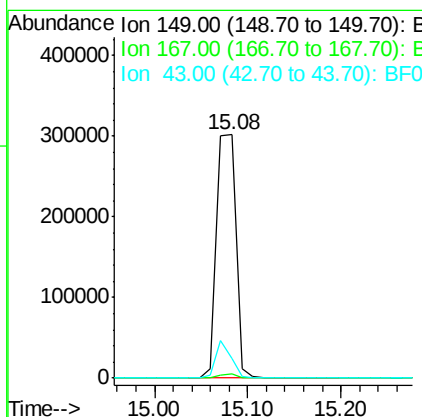
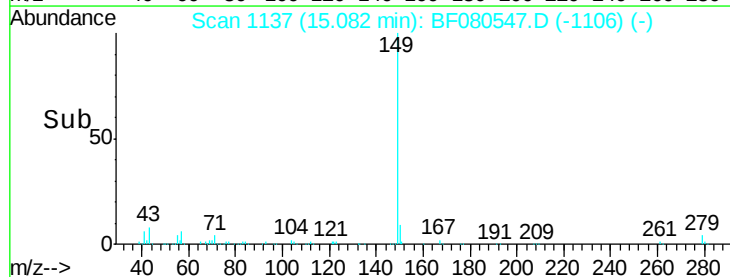
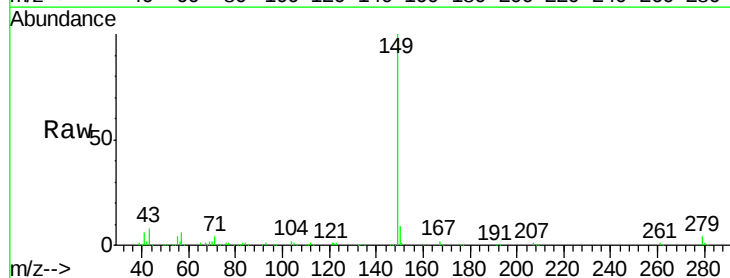
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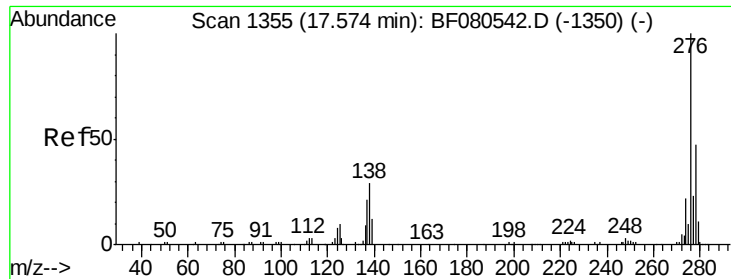
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#84
 Di-n-octyl phthalate
 Concen: 52.17 ng
 RT: 15.08 min Scan# 1137
 Delta R.T. 0.06 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.0	1.6
43	12.6	10.0	15.0





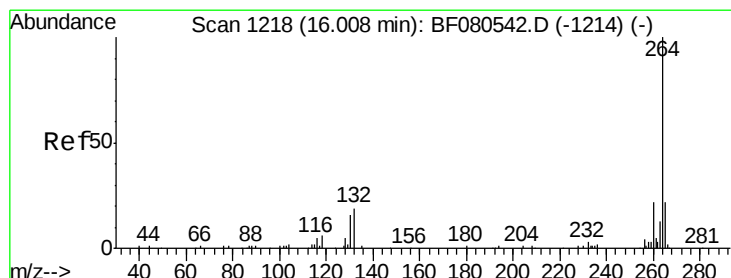
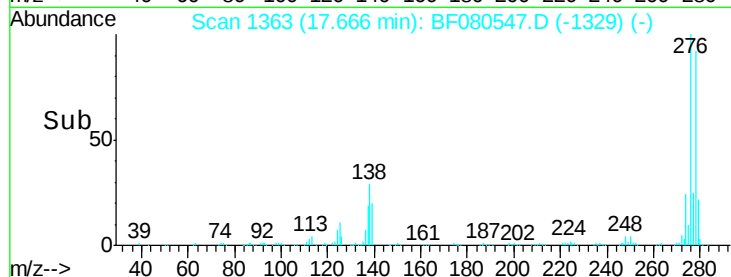
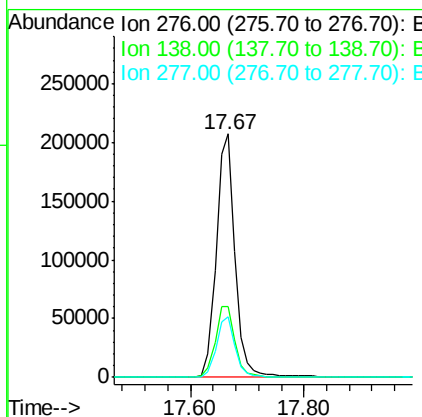
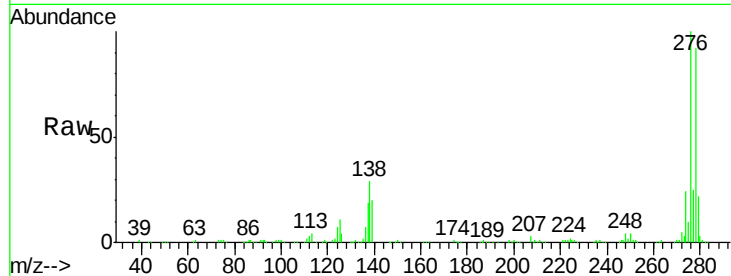
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.63 ng
 RT: 17.67 min Scan# 1363
 Delta R.T. 0.09 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	23.9	35.9
277	25.1	19.4	29.0

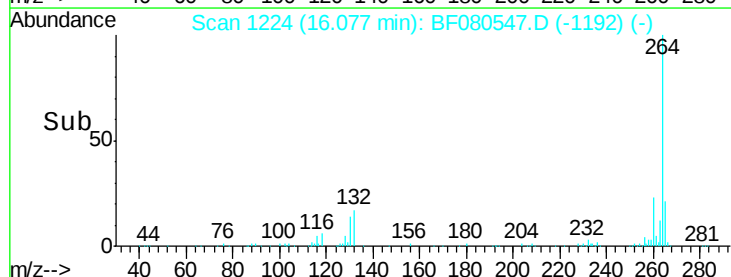
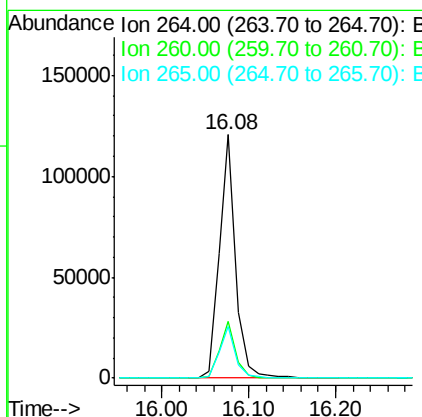
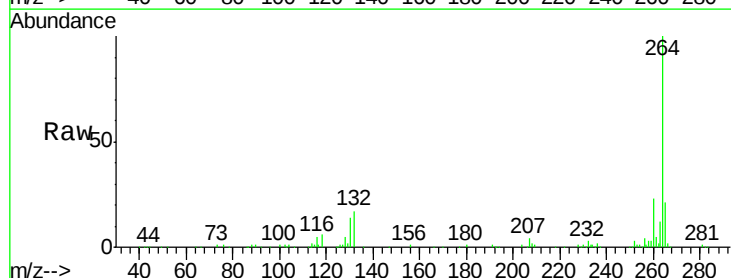
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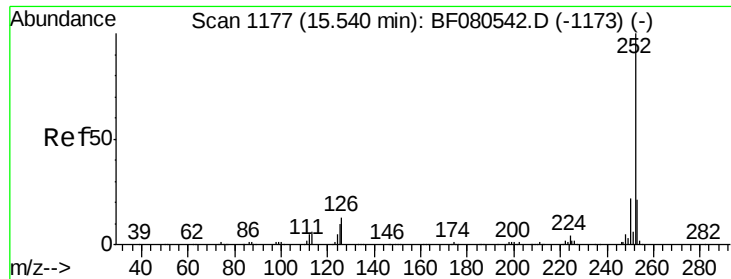
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 1224
 Delta R.T. 0.07 min
 Lab File: BF080547.D
 Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.8
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.80 ng

RT: 15.61 min Scan# 1183

Delta R.T. 0.07 min

Lab File: BF080547.D

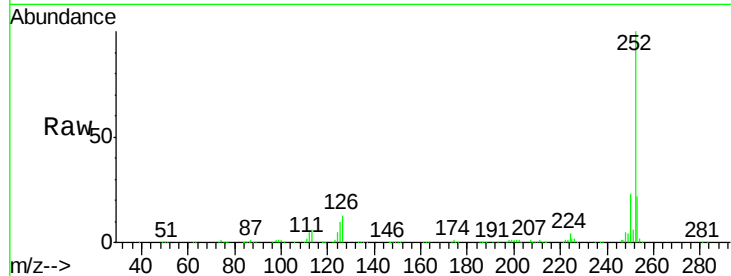
Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

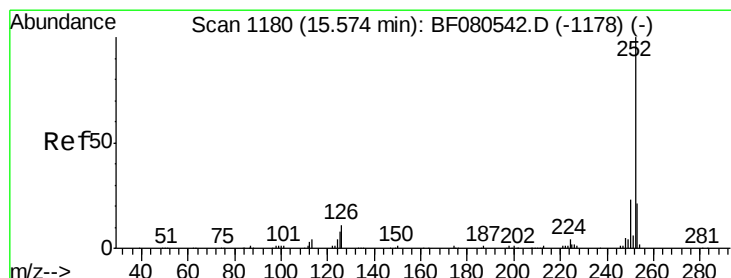
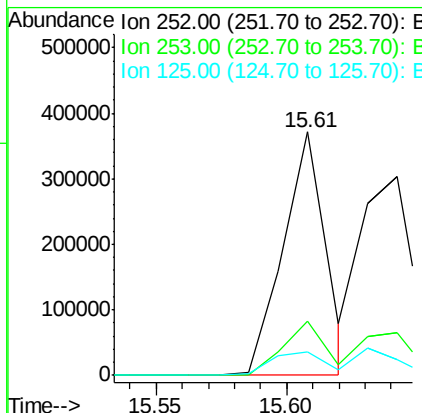
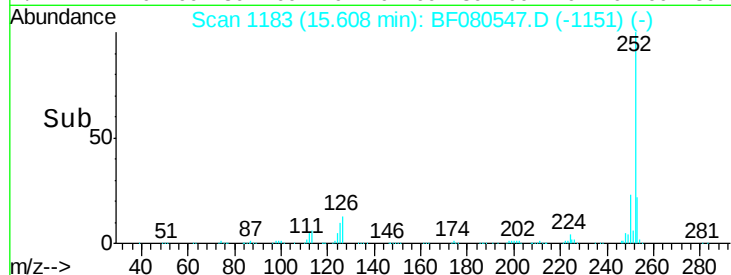
FK-BPM-02-I5-I6-I7-I8MS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	420232		
253	22.1	17.1	25.7	
125	9.6	8.1	12.1	

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#88

Benzo(k)fluoranthene

Concen: 49.72 ng m

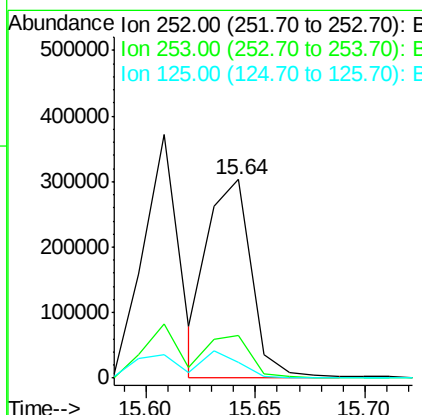
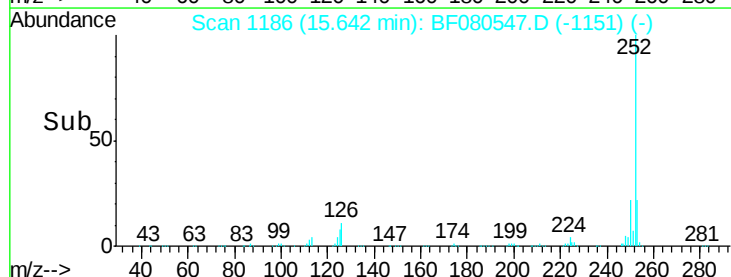
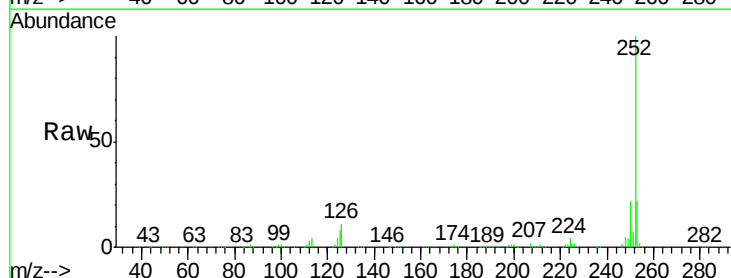
RT: 15.64 min Scan# 1186

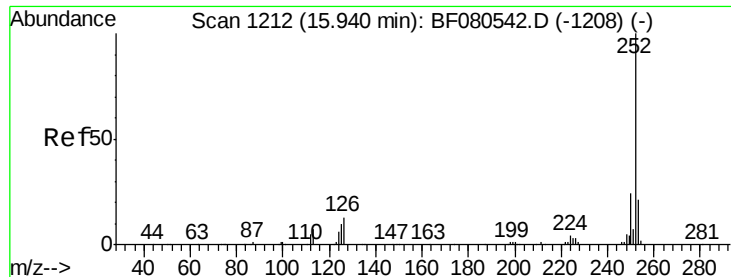
Delta R.T. 0.10 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	422764		
253	21.7	17.1	25.7	
125	8.1	8.1	12.1#	





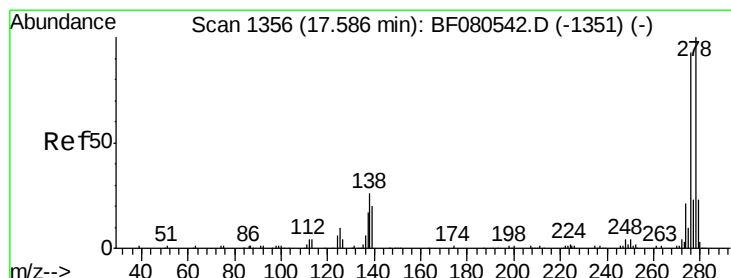
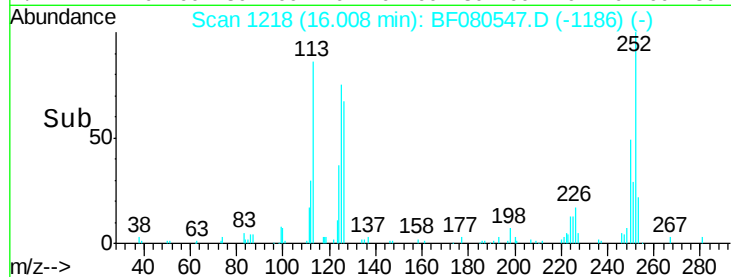
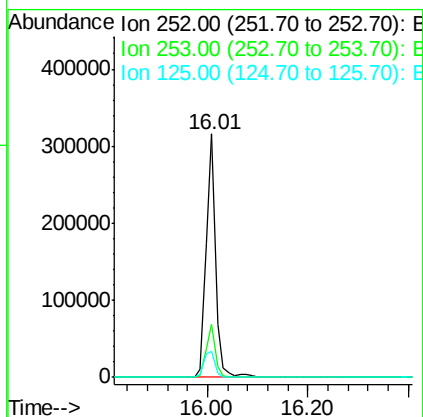
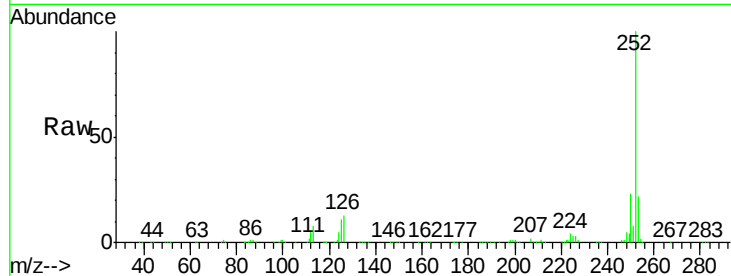
#89
Benzo(a)pyrene
Concen: 49.75 ng
RT: 16.01 min Scan# 1218
Delta R.T. 0.07 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.9	8.1	12.1

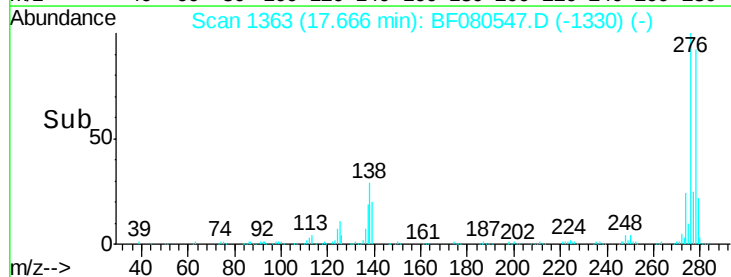
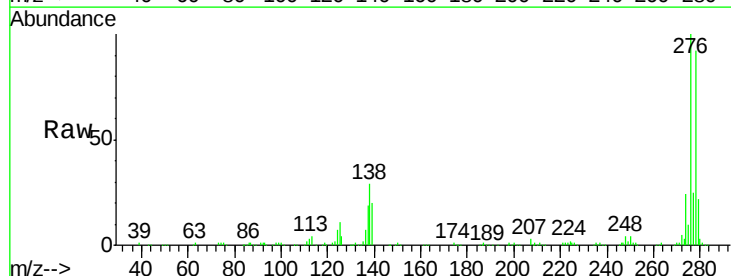
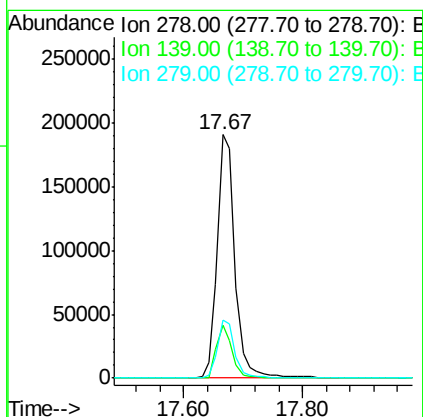
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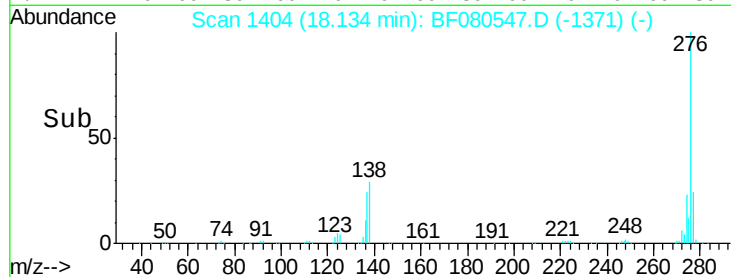
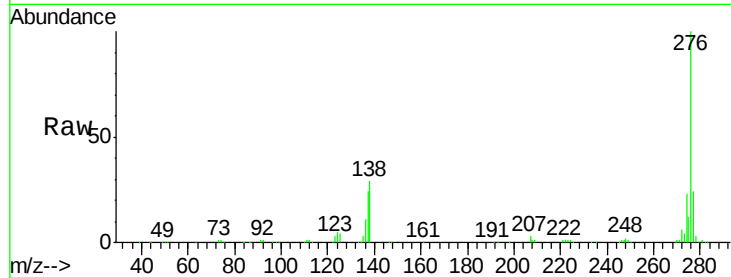
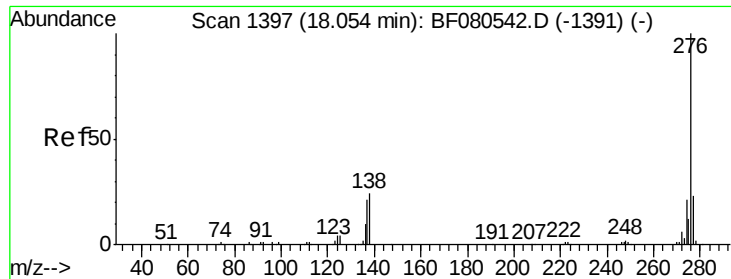
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 48.04 ng
RT: 17.67 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF080547.D
Acq: 17 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.2	24.2
279	23.7	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 49.89 ng

RT: 18.13 min Scan# 1404

Delta R.T. 0.08 min

Lab File: BF080547.D

Acq: 17 Jul 2015 21:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MS

Tgt Ion: 276 Resp: 414945

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 28.9 19.1 28.7#

Manual Integrations
APPROVED

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