

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077544.D
 Acq On : 3 Mar 2015 14:31
 Operator : TP/IZ
 Sample : PB81931BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Manual Integrations
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mohammad
 3/4/2015 4:41:41 PM

Quant Time: Mar 04 01:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	69877	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	283891	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	145444	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	294885	20.00	ng	0.00
75) Chrysene-d12	16.12	240	309150	20.00	ng	-0.03
86) Perylene-d12	17.86	264	346293	20.00	ng	-0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	435638	104.08	ng	0.00
7) Phenol-d6	6.80	99	556645	103.43	ng	0.00
23) Nitrobenzene-d5	7.93	82	279343	61.19	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	138100	98.61	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	634679	68.04	ng	0.00
78) Terphenyl-d14	14.83	244	759012	57.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	47177	26.56	ng	# 95
3) Pyridine	2.93	79	150956	29.71	ng	95
4) n-Nitrosodimethylamine	2.83	42	67250	30.44	ng	96
6) Aniline	6.82	93	148812	20.01	ng	# 20
8) 2-Chlorophenol	6.97	128	158081	32.01	ng	95
9) Benzaldehyde	6.68	77	31561	9.66	ng	93
10) Phenol	6.82	94	199917	31.31	ng	# 72
11) bis(2-Chloroethyl)ether	6.93	93	133167	29.02	ng	84
12) 1,3-Dichlorobenzene	7.16	146	146425	27.23	ng	# 94
13) 1,4-Dichlorobenzene	7.26	146	146451	26.77	ng	97
14) 1,2-Dichlorobenzene	7.44	146	137617	26.45	ng	96
15) Benzyl Alcohol	7.42	79	112448	27.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.60	45	165642	25.25	ng	97
17) 2-Methylphenol	7.56	107	109487	28.37	ng	95
18) Hexachloroethane	7.86	117	49882	27.30	ng	# 88
19) n-Nitroso-di-n-propylamine	7.75	70	96396	28.21	ng	93
20) 3+4-Methylphenols	7.76	107	146921	28.90	ng	# 77
22) Acetophenone	7.75	105	188812	28.27	ng	# 89
24) Nitrobenzene	7.95	77	137552	28.64	ng	# 85
25) Isophorone	8.25	82	247731	27.35	ng	# 91
26) 2-Nitrophenol	8.35	139	66075	33.56	ng	# 84
27) 2,4-Dimethylphenol	8.41	122	128480	29.17	ng	97
28) bis(2-Chloroethoxy)methane	8.53	93	160769	28.10	ng	98
29) 2,4-Dichlorophenol	8.64	162	119323	28.86	ng	98
30) 1,2,4-Trichlorobenzene	8.75	180	123367	27.14	ng	96
31) Naphthalene	8.84	128	404124	28.47	ng	99
32) Benzoic acid	8.51	122	69507	32.48	ng	98
33) 4-Chloroaniline	8.91	127	105271	16.68	ng	# 91
34) Hexachlorobutadiene	9.00	225	66743	25.72	ng	98
35) Caprolactam	9.34	113	37732	29.90	ng	# 76
36) 4-Chloro-3-methylphenol	9.52	107	121166	29.15	ng	87
37) 2-Methylnaphthalene	9.70	142	279462	27.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	126306	30.27	ng	98
40) Hexachlorocyclopentadiene	9.89	237	136344	60.93	ng	98

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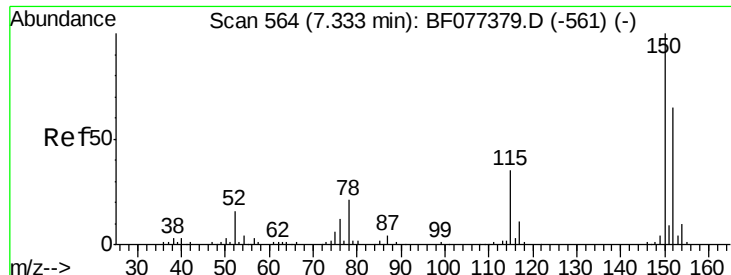
Manual Integrations
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Quant Time: Mar 04 01:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	91546	33.12	ng	99
43) 2,4,5-Trichlorophenol	10.10	196	95165	32.20	ng	# 94
45) 1,1'-Biphenyl	10.28	154	329949	29.94	ng	98
46) 2-Chloronaphthalene	10.30	162	278565	32.23	ng	96
47) 2-Nitroaniline	10.43	65	75347	35.42	ng	91
48) Acenaphthylene	10.82	152	434224	31.74	ng	99
49) Dimethylphthalate	10.67	163	312051	30.52	ng	99
50) 2,6-Dinitrotoluene	10.74	165	66222	32.30	ng	# 48
51) Acenaphthene	11.03	154	240834	29.50	ng	99
52) 3-Nitroaniline	10.94	138	55100	23.31	ng	84
53) 2,4-Dinitrophenol	11.08	184	52361	83.93	ng	92
54) Dibenzofuran	11.25	168	375283	29.77	ng	96
55) 4-Nitrophenol	11.16	139	131293	69.05	ng	90
56) 2,4-Dinitrotoluene	11.24	165	95868	34.60	ng	# 91
57) Fluorene	11.67	166	303387	30.11	ng	96
58) 2,3,4,6-Tetrachlorophenol	11.40	232	76361	32.14	ng	96
59) Diethylphthalate	11.55	149	310342	30.79	ng	99
60) 4-Chlorophenyl-phenylether	11.68	204	141994	29.24	ng	# 87
61) 4-Nitroaniline	11.70	138	77399	34.16	ng	90
62) Azobenzene	11.87	77	275097	28.77	ng	94
64) 4,6-Dinitro-2-methylphenol	11.74	198	36574	32.39	ng	97
65) n-Nitrosodiphenylamine	11.83	169	274115	28.02	ng	99
66) 4-Bromophenyl-phenylether	12.29	248	89828	26.01	ng	# 91
67) Hexachlorobenzene	12.35	284	102754	27.72	ng	# 77
68) Atrazine	12.50	200	93679	29.45	ng	98
69) Pentachlorophenol	12.60	266	116007	59.55	ng	99
70) Phenanthrene	12.86	178	493449	28.87	ng	100
71) Anthracene	12.93	178	499976	29.48	ng	99
72) Carbazole	13.13	167	465012	28.83	ng	99
73) Di-n-butylphthalate	13.58	149	500082	26.41	ng	98
74) Fluoranthene	14.34	202	526342	28.19	ng	99
76) Benzidine	14.52	184	202194	19.36	ng	97
77) Pyrene	14.62	202	535728	28.33	ng	99
79) Butylbenzylphthalate	15.45	149	219302	28.19	ng	96
80) Benzo(a)anthracene	16.11	228	515548	28.45	ng	100
81) 3,3'-Dichlorobenzidine	16.09	252	126139	19.00	ng	98
82) Chrysene	16.15	228	491312	28.88	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	302410	24.24	ng	# 96
84) Di-n-octyl phthalate	16.97	149	600074	28.81	ng	98
85) Indeno(1,2,3-cd)pyrene	19.30	276	646642m	33.33	ng	
87) Benzo(b)fluoranthene	17.41	252	587559	29.18	ng	# 98
88) Benzo(k)fluoranthene	17.45	252	573553m	29.06	ng	
89) Benzo(a)pyrene	17.79	252	557749	29.08	ng	# 97
90) Dibenzo(a,h)anthracene	19.33	278	534599	29.23	ng	99
91) Benzo(g,h,i)perylene	19.72	276	549383	29.76	ng	98

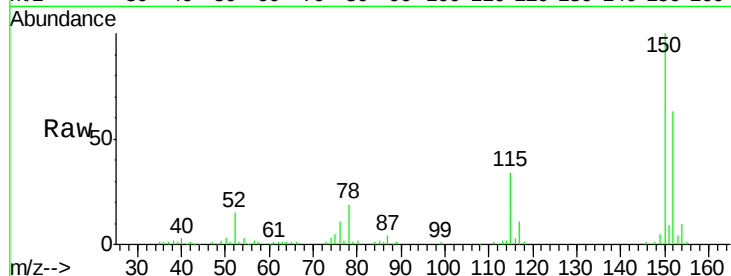
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

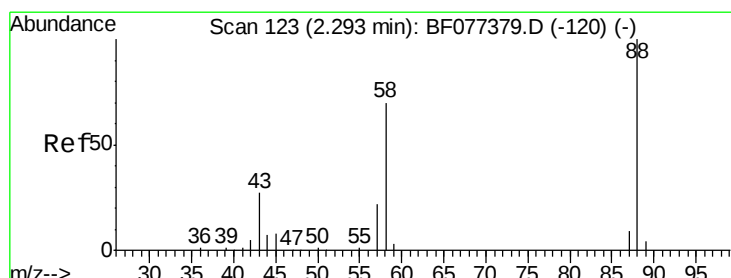
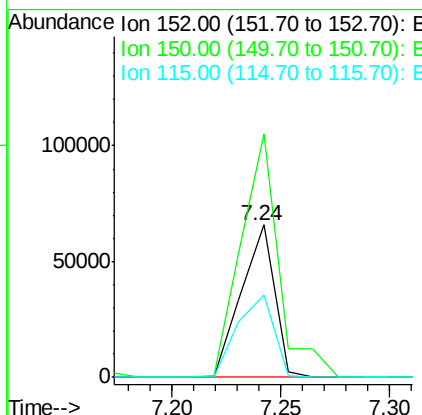
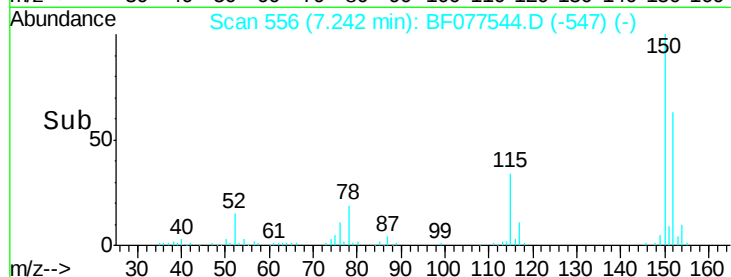
Instrument :
BNA_F
ClientSampleId :
PB81931BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.0	186.0
115	54.0	49.4	74.2

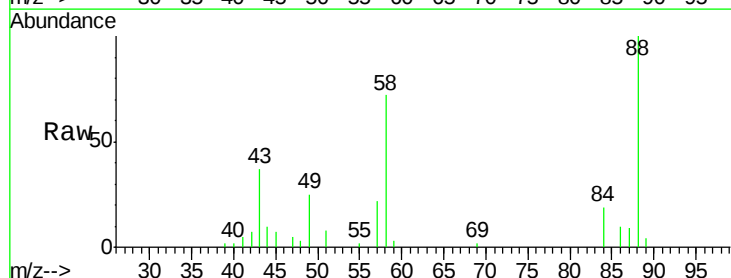
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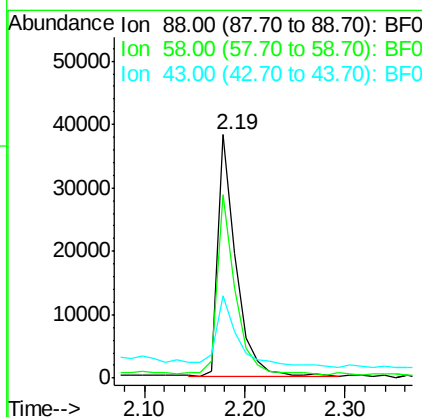
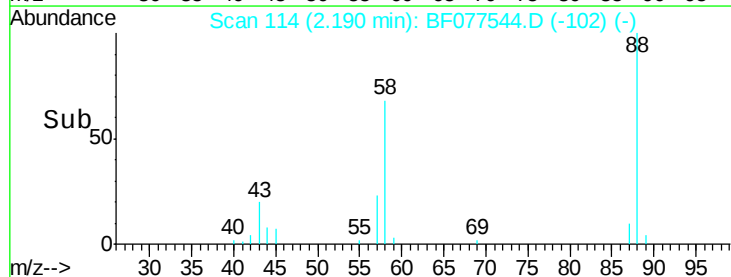


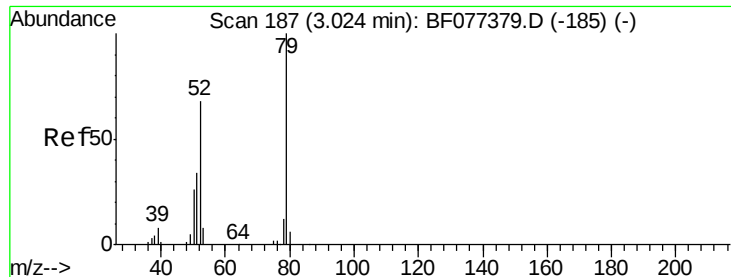
#2

1,4-Dioxane
Concen: 26.56 ng
RT: 2.19 min Scan# 114
Delta R.T. 0.03 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31



Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	62.1	93.1
43	36.7	24.0	36.0





#3

Pyridine

Concen: 29.71 ng

RT: 2.93 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

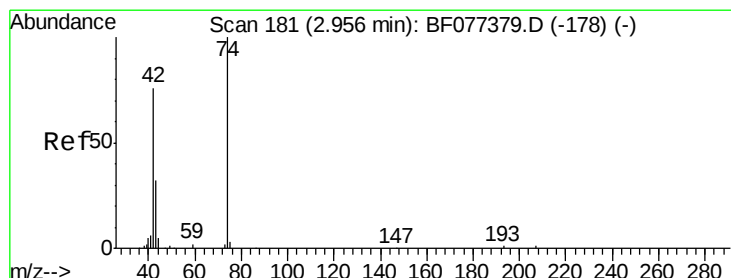
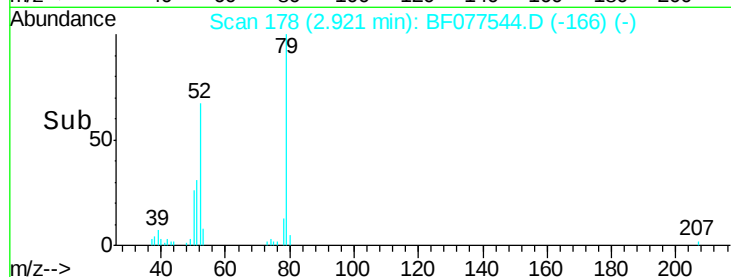
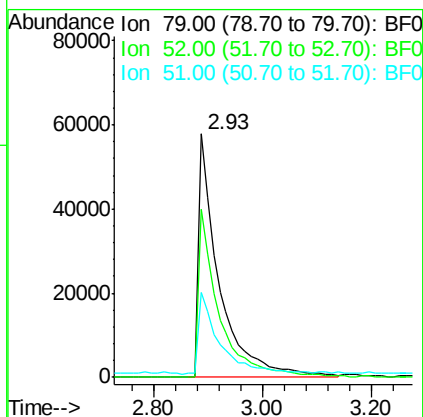
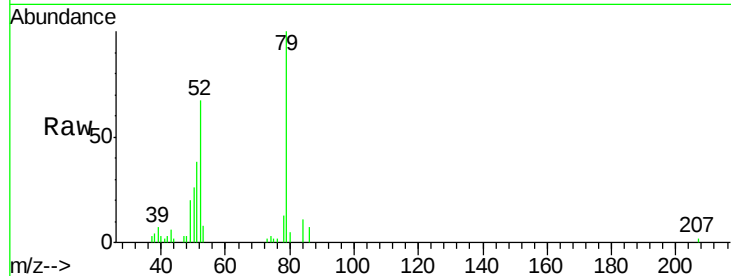
ClientSampleId :

PB81931BS

Tgt Ion:	79	Resp:	150956
Ion Ratio	Lower	Upper	
79	100		
52	67.4	57.7	86.5
51	38.0	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 30.44 ng

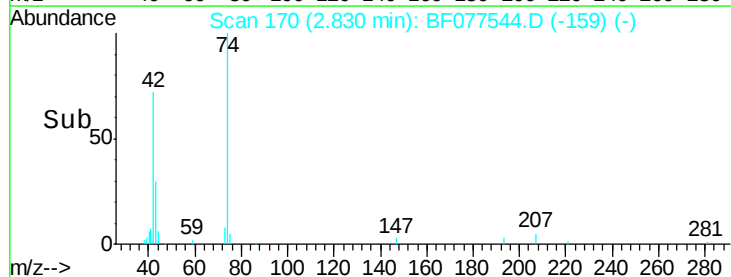
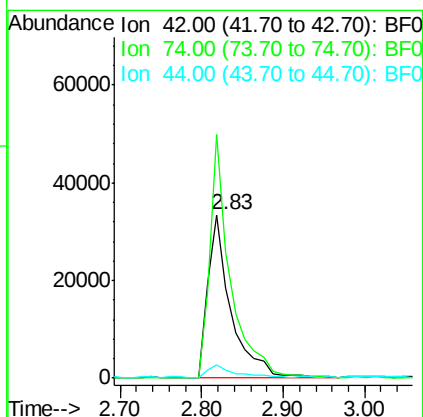
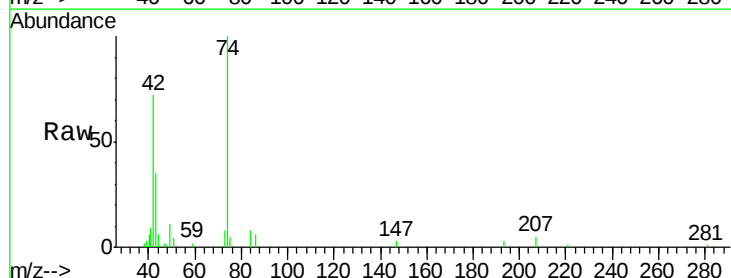
RT: 2.83 min Scan# 170

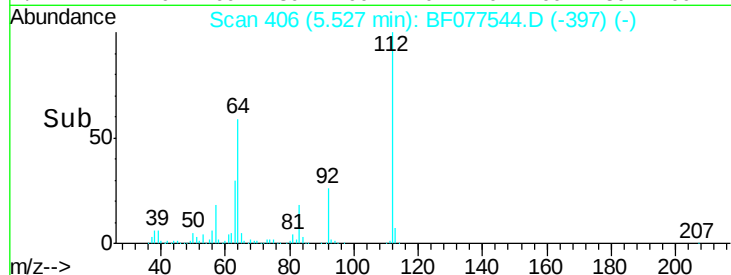
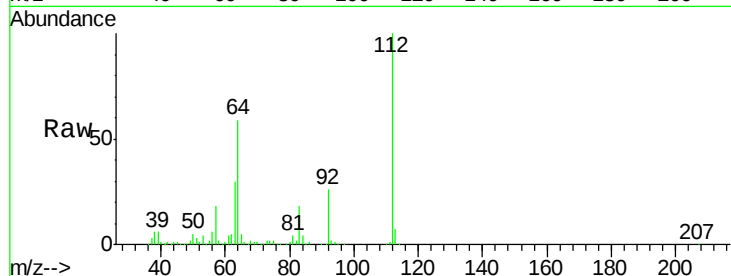
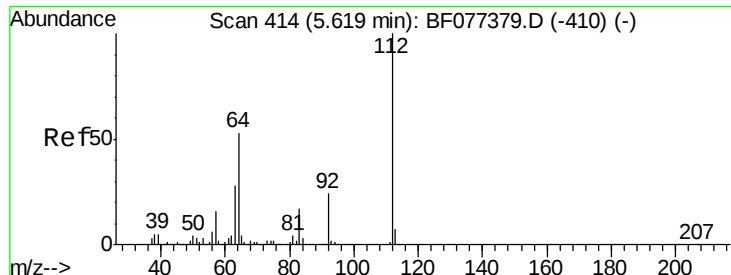
Delta R.T. 0.02 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	42	Resp:	67250
Ion Ratio	Lower	Upper	
42	100		
74	139.2	107.1	160.7
44	8.7	6.7	10.1





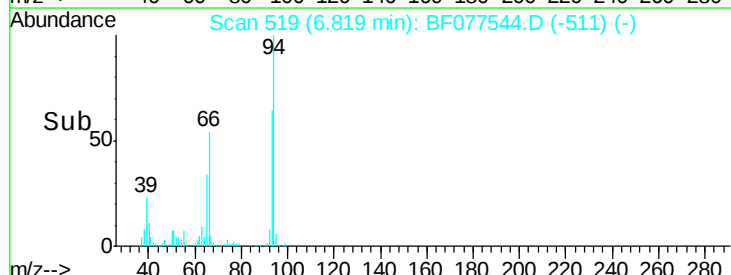
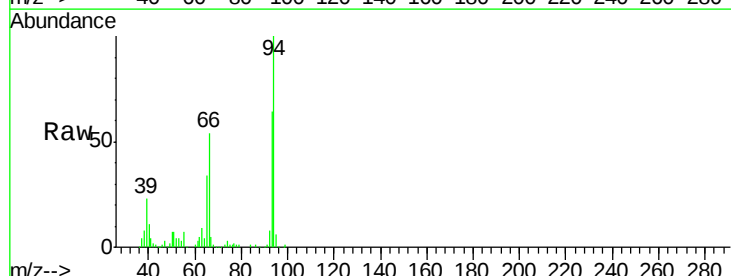
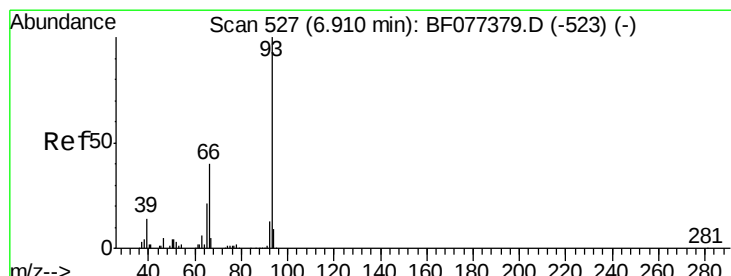
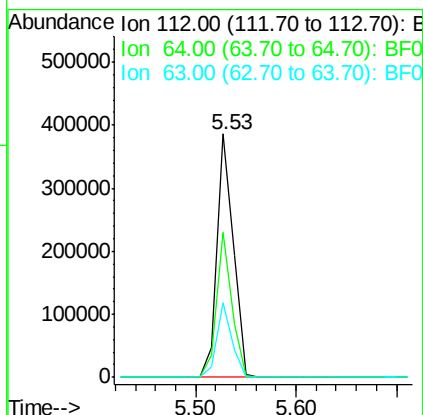
#5
2-Fluorophenol
Concen: 104.08 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	435638		
64	59.5	48.5	72.7	
63	30.5	25.0	37.4	

Instrument :
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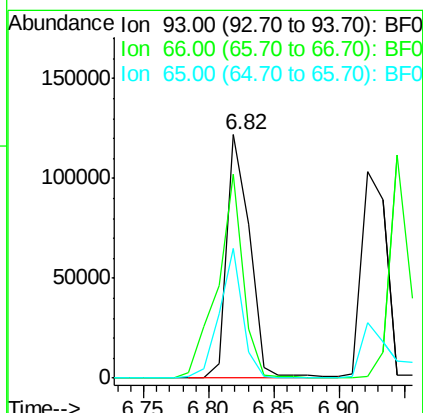
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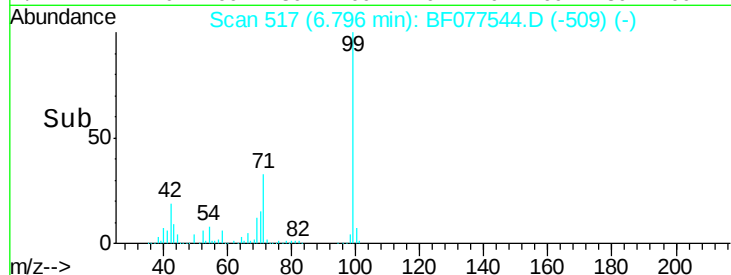
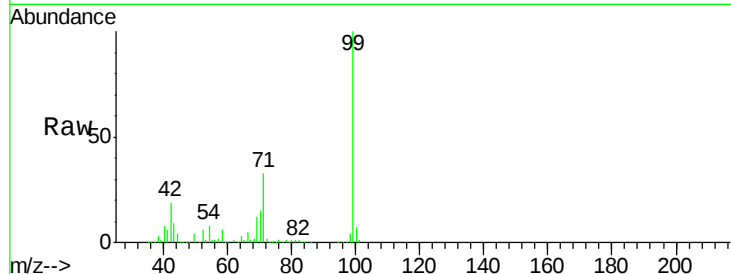
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#6
Aniline
Concen: 20.01 ng
RT: 6.82 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	148812		
66	83.8	29.1	43.7#	
65	53.5	14.6	22.0#	





#7

Phenol-d6

Concen: 103.43 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	99	Resp:	55645
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.2	24.4
71	33.3	26.7	40.1

Instrument :

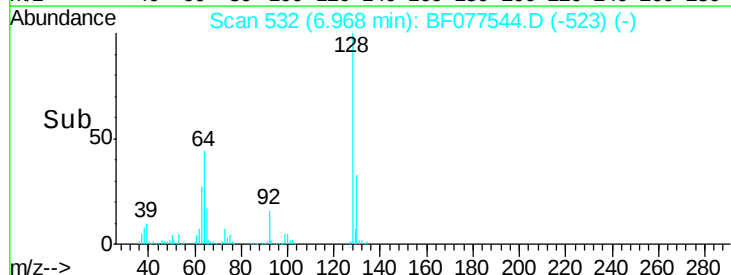
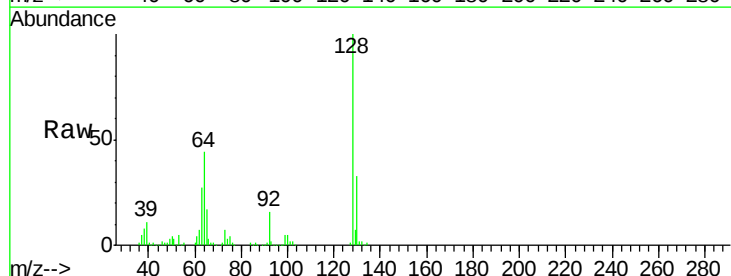
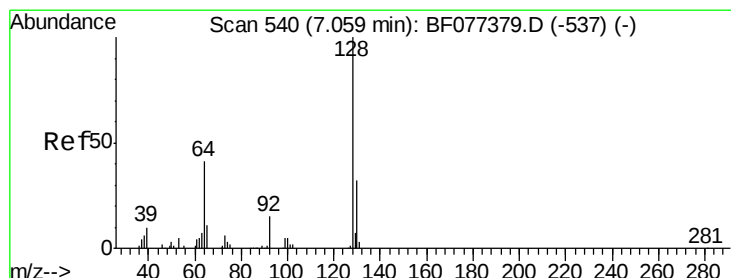
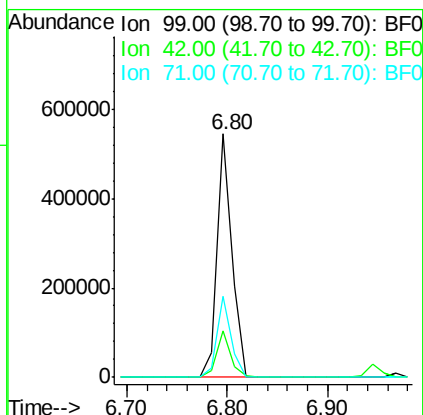
BNA_F

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#8

2-Chlorophenol

Concen: 32.01 ng

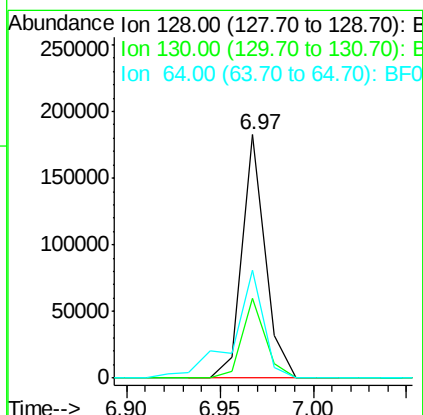
RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	128	Resp:	158081
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	44.1	29.2	69.2





#9

Benzaldehyde

Concen: 9.66 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077544.D

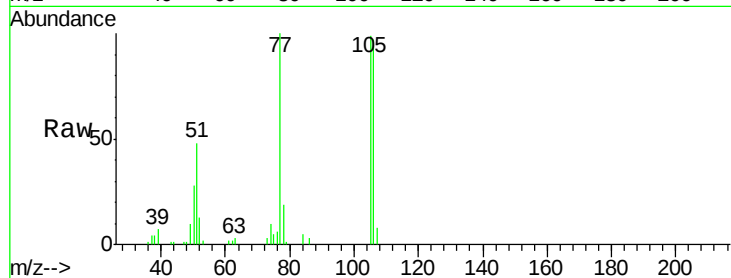
Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

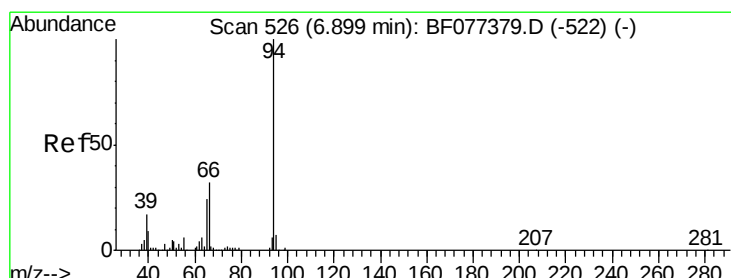
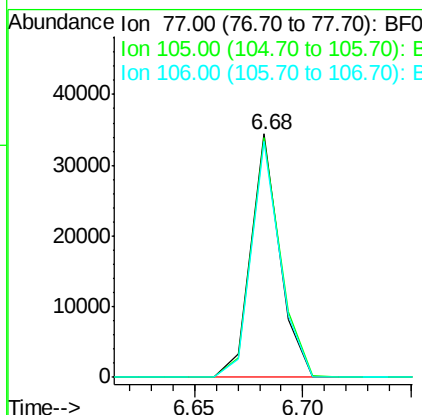
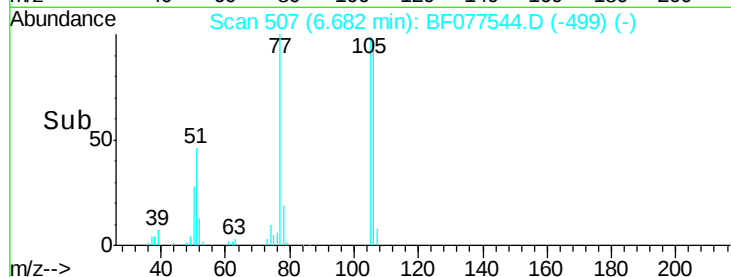
PB81931BS



Tgt Ion:	77	Resp:	31561
Ion	Ratio	Lower	Upper
77	100		
105	98.6	85.9	125.9
106	96.7	82.9	122.9

Manual Integrations
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#10

Phenol

Concen: 31.31 ng

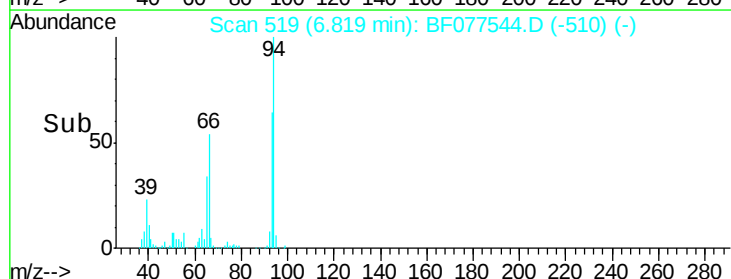
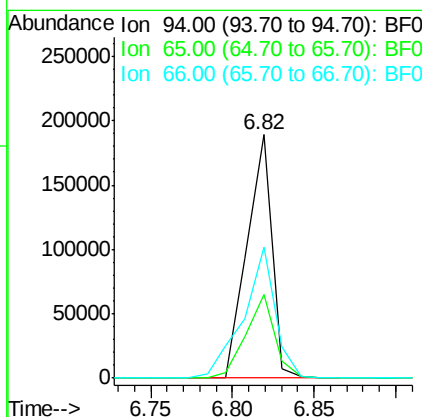
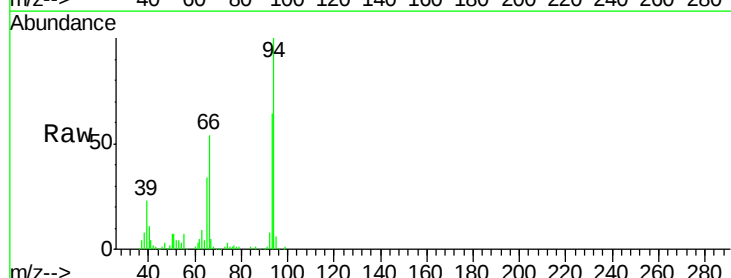
RT: 6.82 min Scan# 519

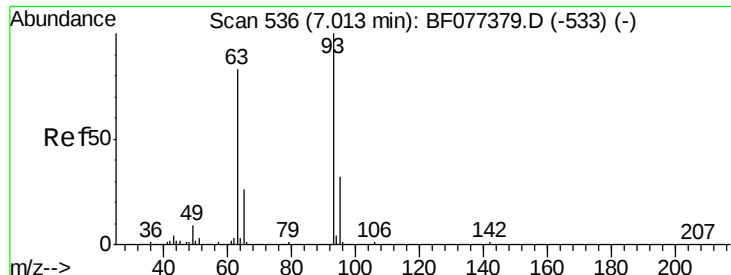
Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	94	Resp:	199917
Ion	Ratio	Lower	Upper
94	100		
65	34.5	5.7	45.7
66	54.0	13.6	53.6#





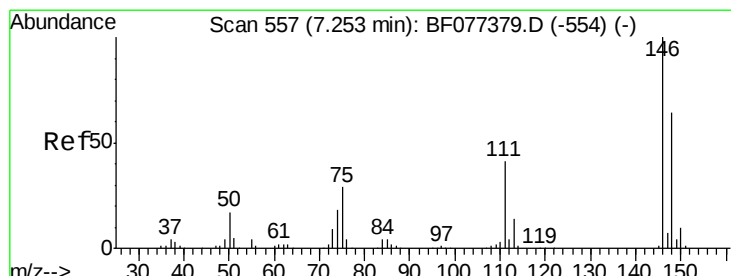
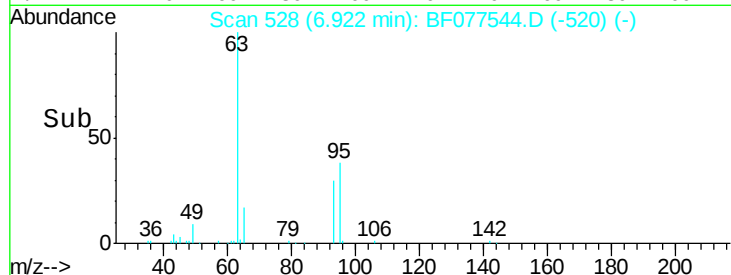
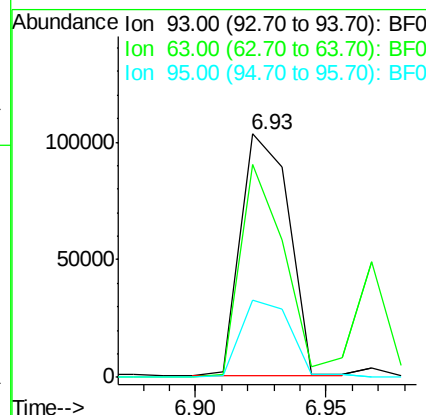
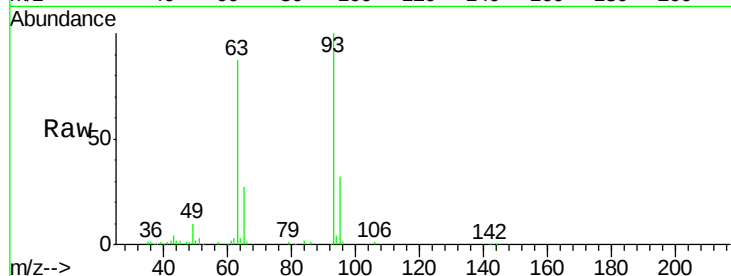
#11
bis(2-Chloroethyl)ether
Concen: 29.02 ng
RT: 6.93 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	133167		
63	87.2	48.7	88.7	
95	31.9	13.6	53.6	

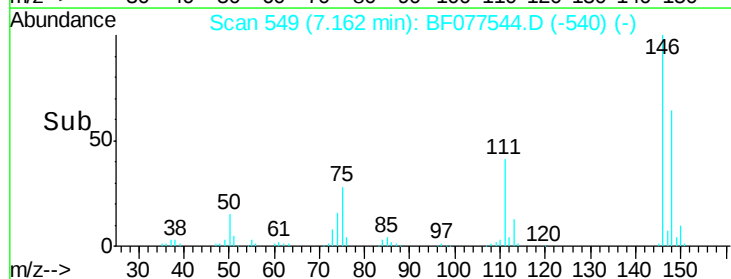
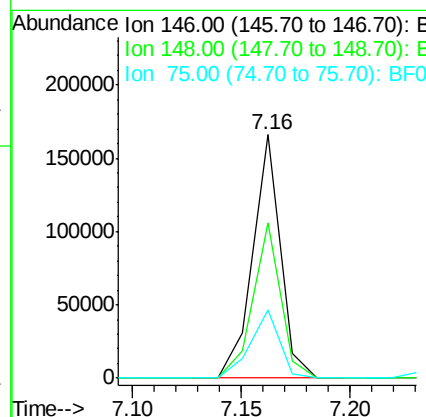
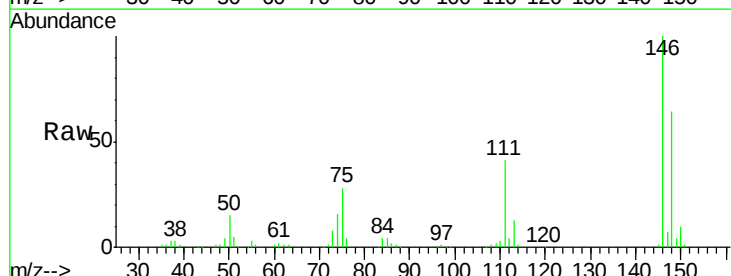
Manual Integrations
APPROVED

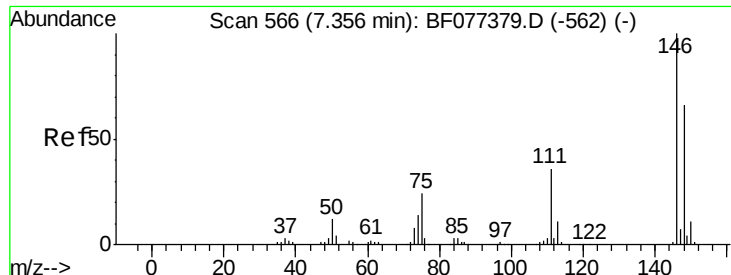
mohammad
3/4/2015 4:41:41 PM



#12
1,3-Dichlorobenzene
Concen: 27.23 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

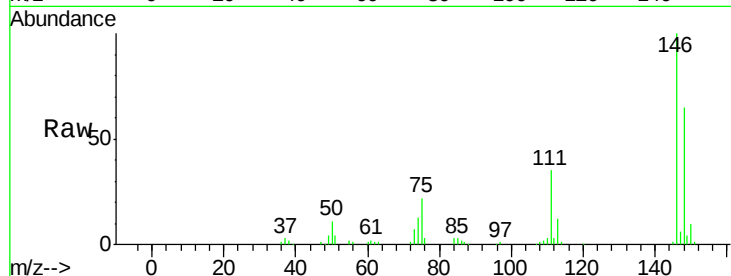
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146425		
148	63.6	49.8	74.8	
75	27.9	28.2	42.4	





#13
 1,4-Dichlorobenzene
 Concen: 26.77 ng
 RT: 7.26 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

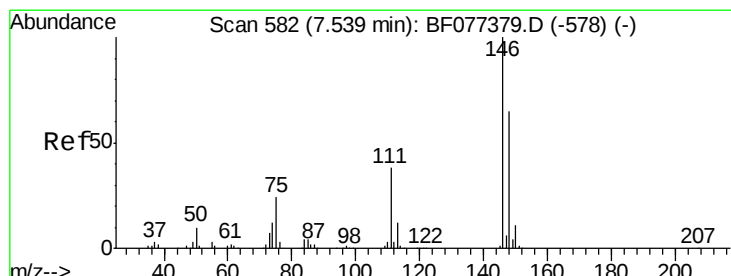
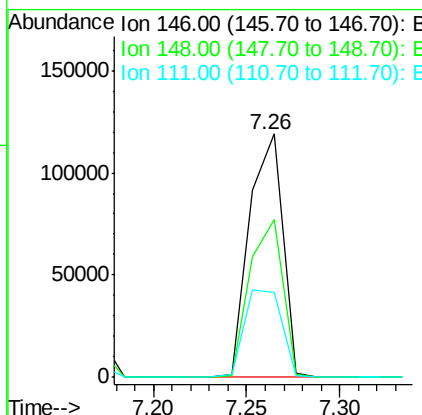
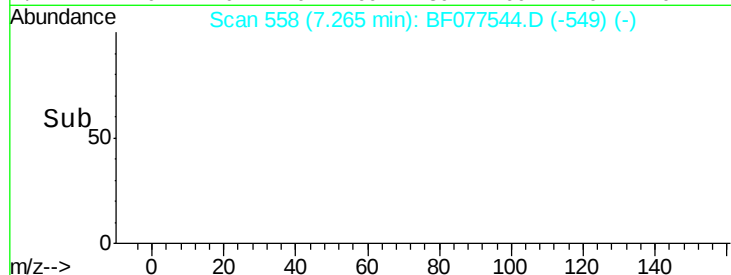
Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS



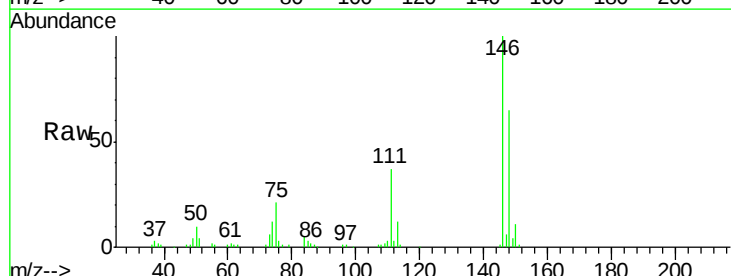
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146451		
148	64.8	52.0	78.0	
111	35.0	31.9	47.9	

Manual Integrations
 APPROVED

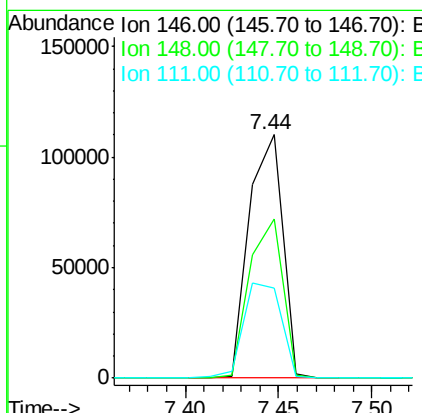
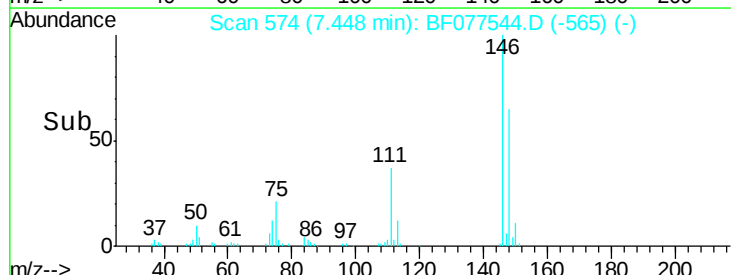
mohammad
 3/4/2015 4:41:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.45 ng
 RT: 7.44 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	137617		
148	65.3	51.6	77.4	
111	37.0	34.2	51.2	





#15

Benzyl Alcohol

Concen: 27.49 ng

RT: 7.42 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

PB81931BS

Tgt Ion: 79 Resp: 112448

Ion Ratio Lower Upper

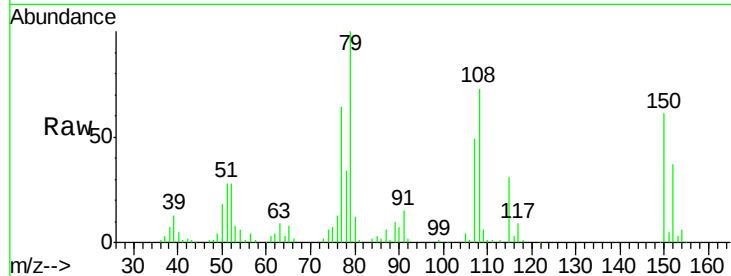
79 100

108 72.9 58.3 87.5

77 63.7 51.3 76.9

Manual Integrations
APPROVED

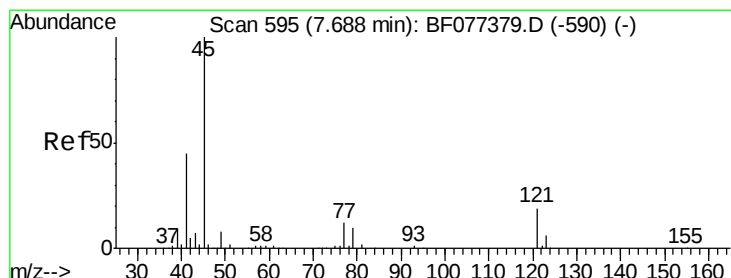
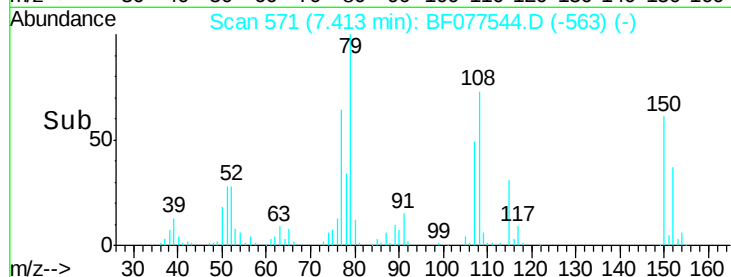
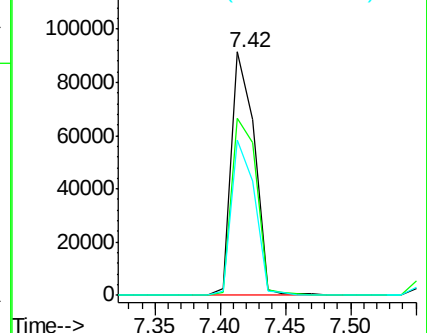
mohammad
3/4/2015 4:41:41 PM



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: 25.25 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

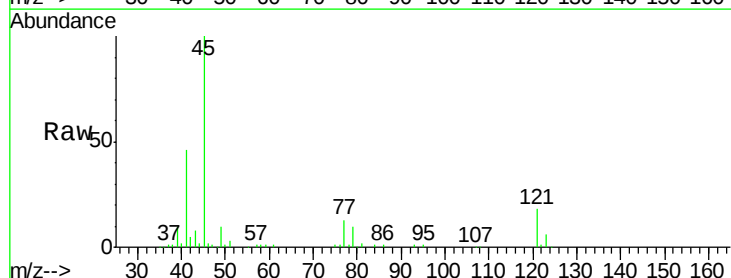
Tgt Ion: 45 Resp: 165642

Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.6

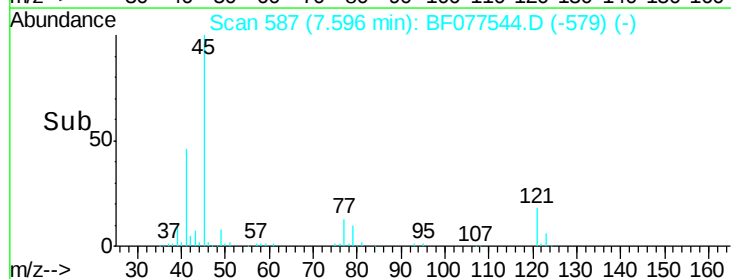
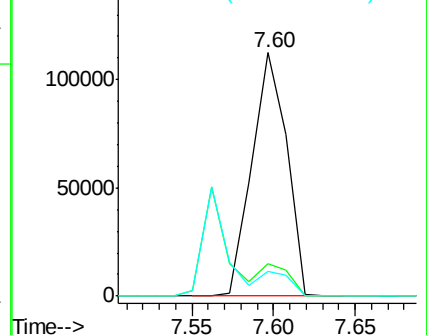
79 10.3 0.0 31.5

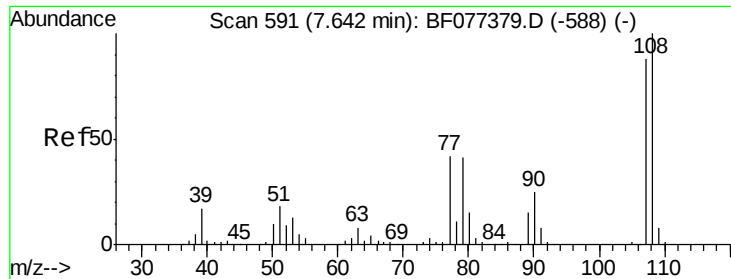


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





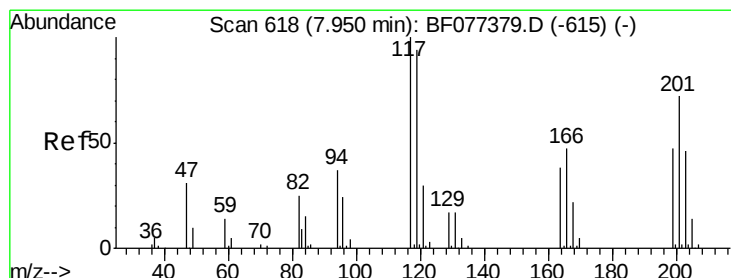
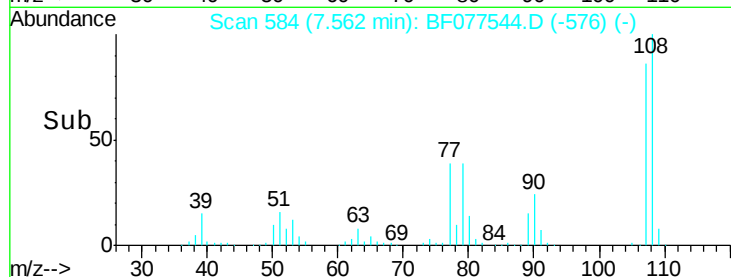
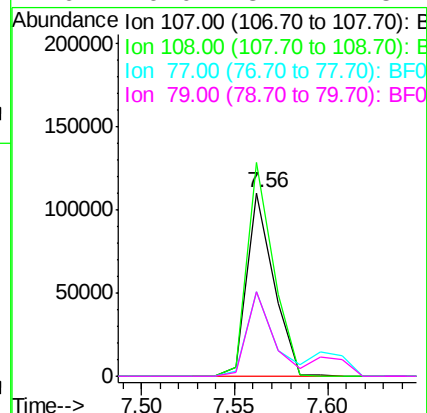
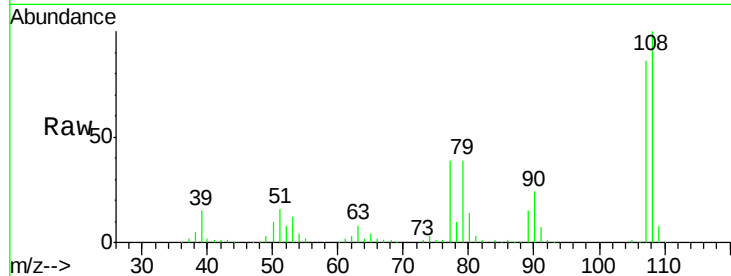
#17
2-Methylphenol
Concen: 28.37 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	109487		
108	116.7	91.2	136.8	
77	46.1	33.6	50.4	
79	46.0	32.1	48.1	

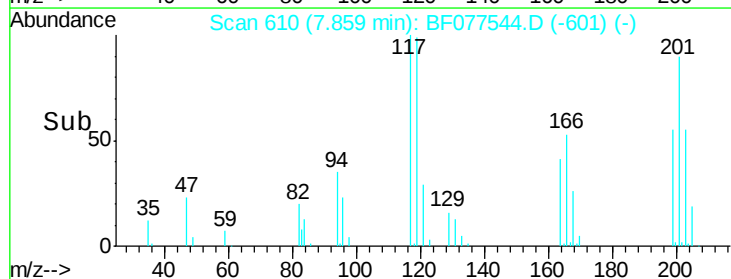
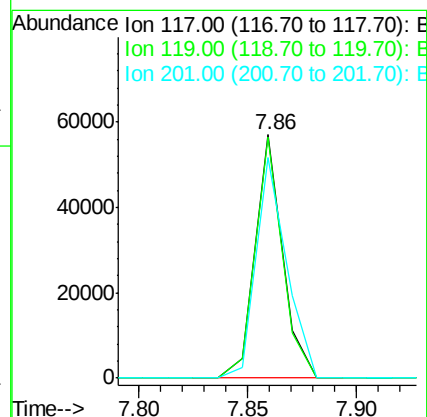
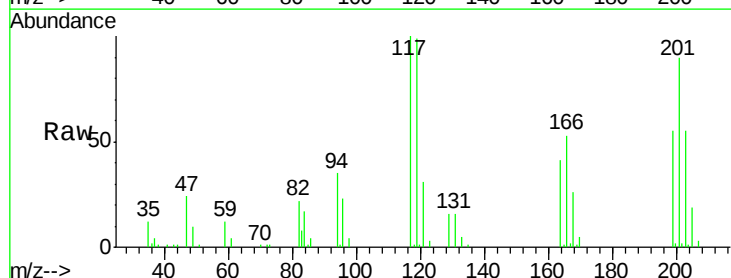
Manual Integrations
APPROVED

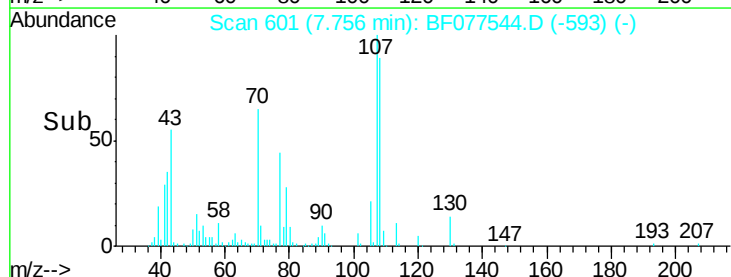
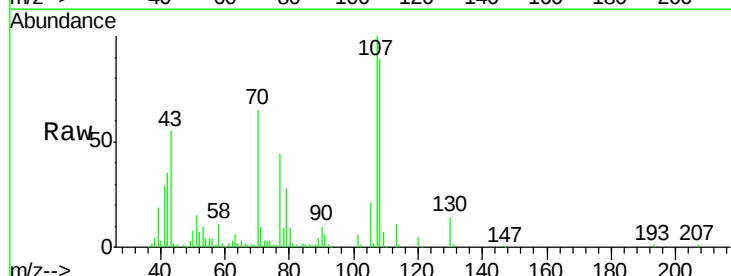
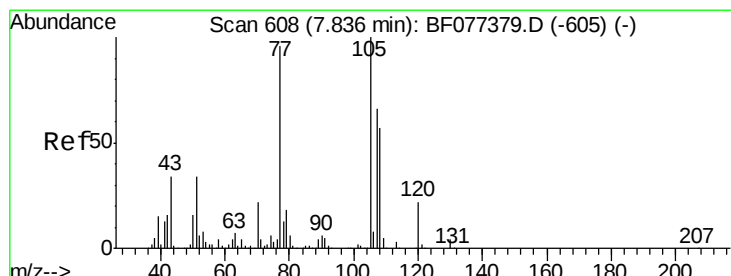
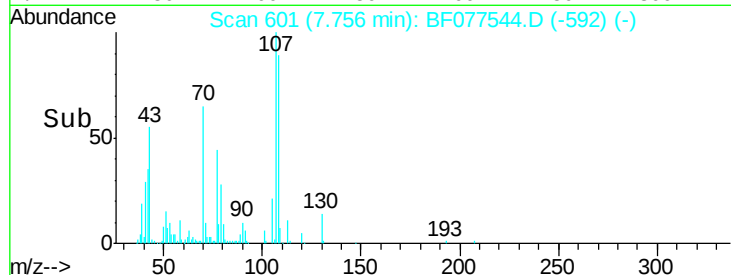
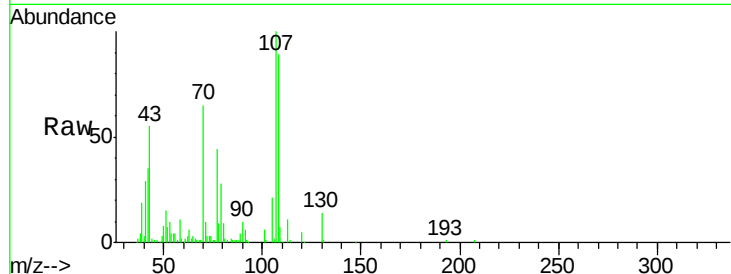
mohammad
3/4/2015 4:41:41 PM



#18
Hexachloroethane
Concen: 27.30 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49882		
119	99.0	77.8	116.8	
201	90.5	90.6	136.0#	

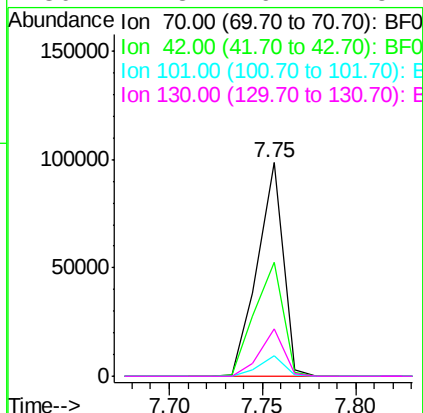




#19
n-Nitroso-di-n-propylamine
Concen: 28.21 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	48.3	72.5
101	9.6	7.5	11.3
130	22.3	16.7	25.1

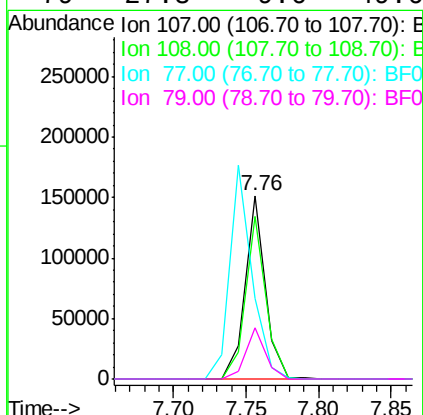


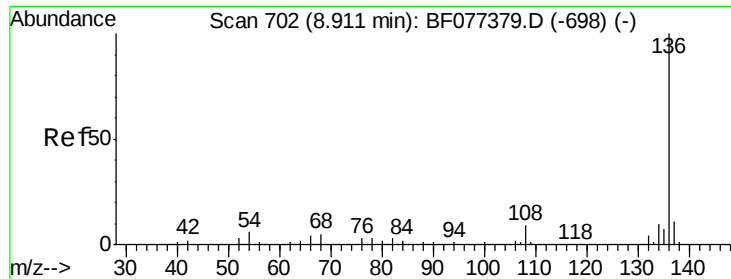
Manual Integrations
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#20
3+4-Methylphenols
Concen: 28.90 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	76.8	116.8
77	43.6	65.8	105.8#
79	27.8	9.6	49.6





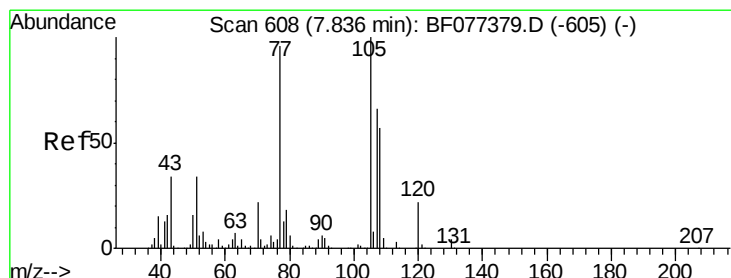
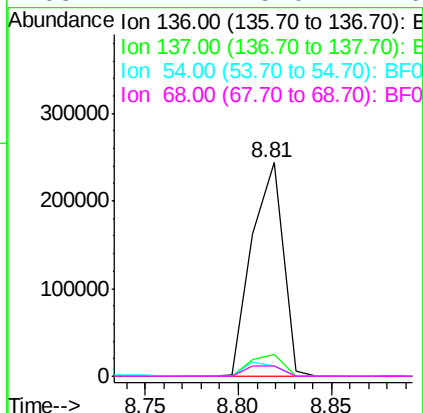
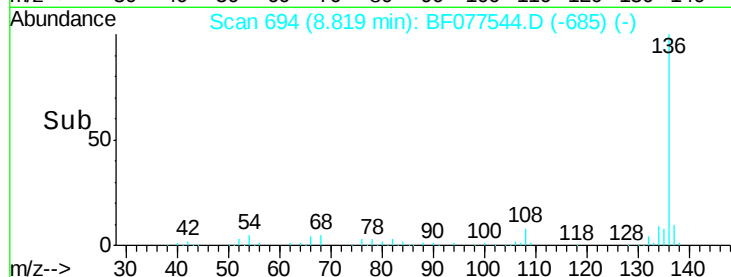
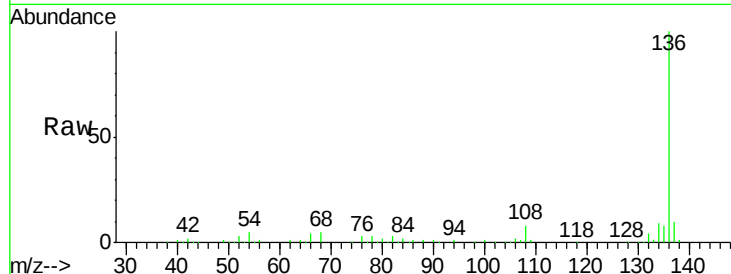
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	283891		
137	10.3	8.6	13.0	
54	5.1	6.2	9.4#	
68	4.7	5.0	7.6#	

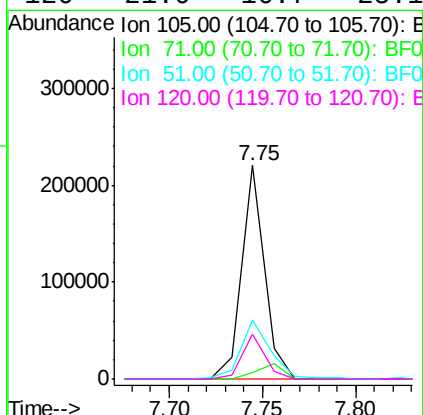
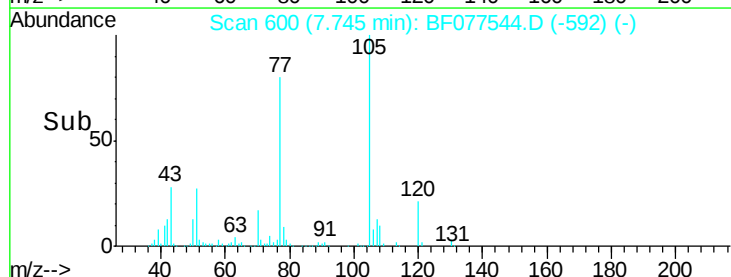
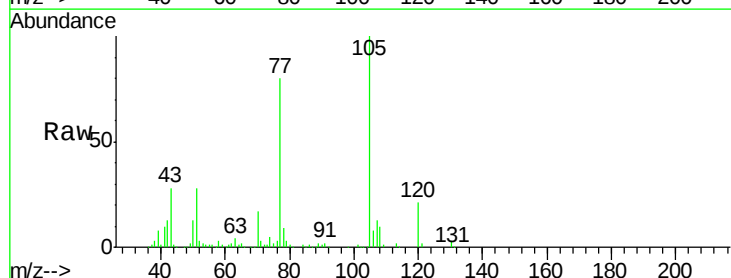
Manual Integrations
APPROVED

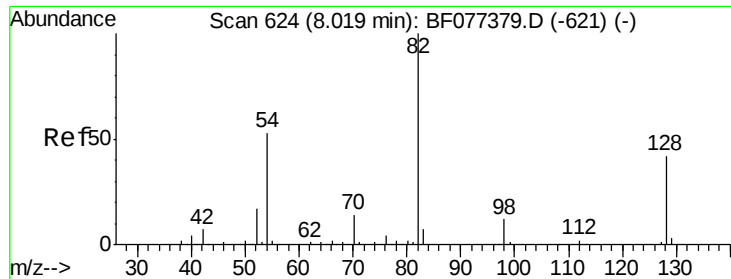
mohammad
3/4/2015 4:41:41 PM



#22
Acetophenone
Concen: 28.27 ng
RT: 7.75 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188812		
71	2.9	1.7	2.5#	
51	27.6	30.7	46.1#	
120	21.0	16.7	25.1	





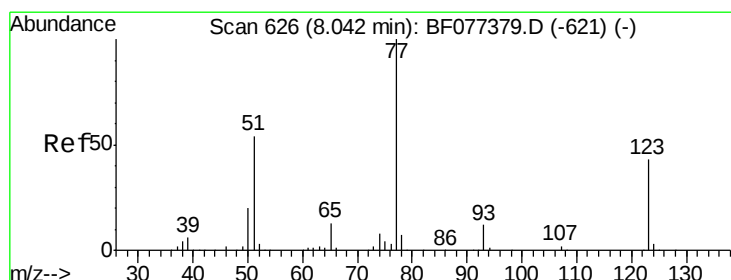
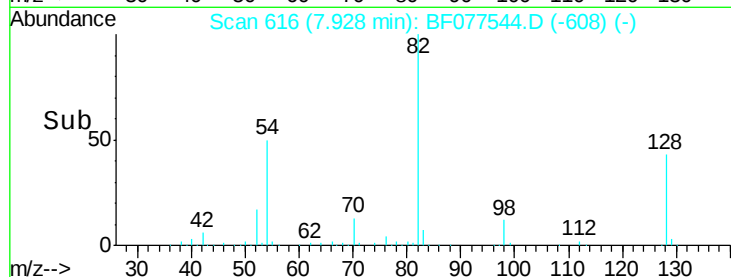
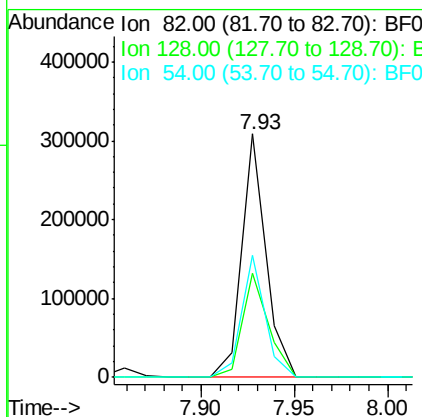
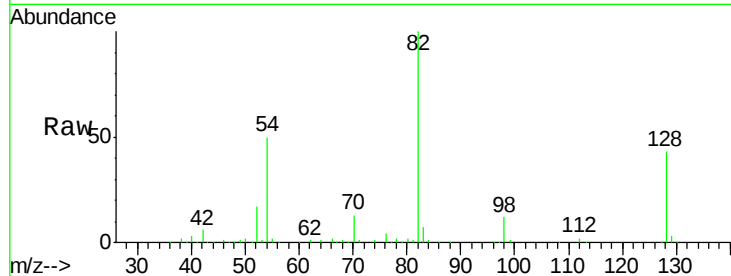
#23
Nitrobenzene-d5
Concen: 61.19 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	43.8	65.8#
54	50.1	36.7	55.1

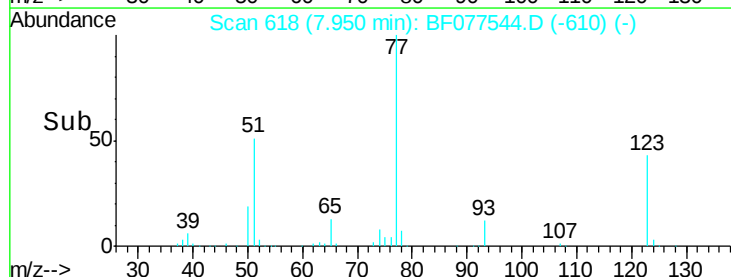
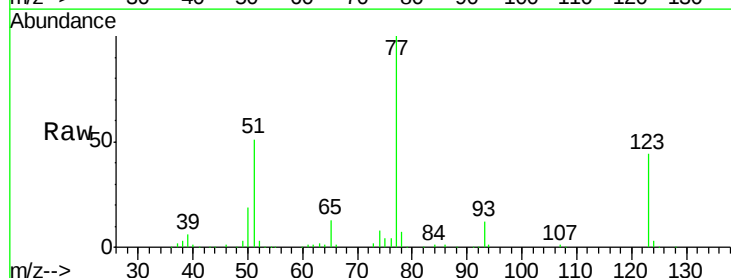
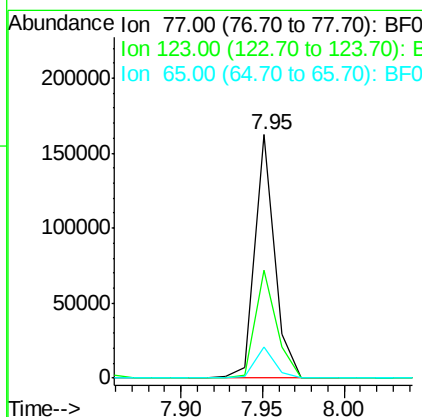
Manual Integrations
APPROVED

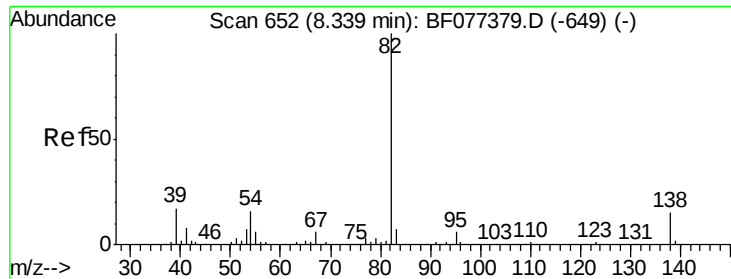
mohammad
3/4/2015 4:41:41 PM



#24
Nitrobenzene
Concen: 28.64 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	45.9	68.9#
65	12.8	9.5	14.3





#25

Isophorone

Concen: 27.35 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077544.D

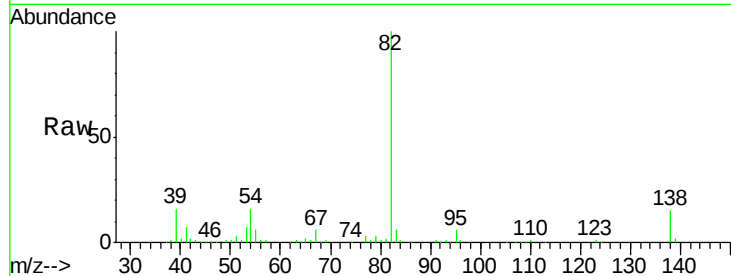
Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

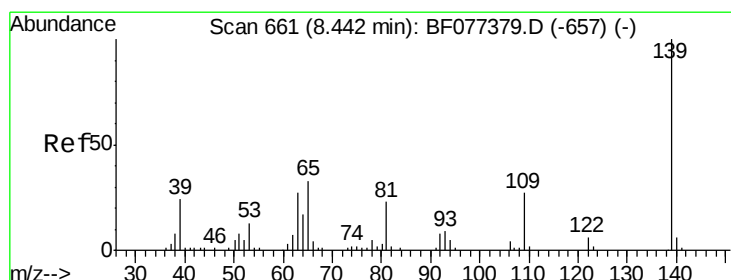
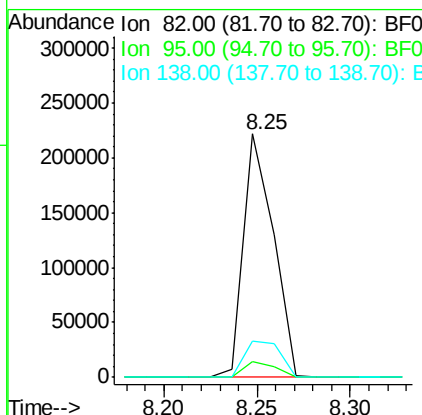
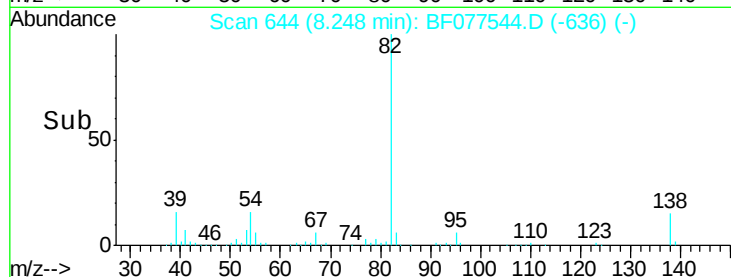
PB81931BS



Tgt Ion	82	95	138
Ratio	100	6.5	14.8
Lower		5.4	16.3
Upper		8.2	24.5#

Manual Integrations
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3/4/2015 4:41:41 PM



#26

2-Nitrophenol

Concen: 33.56 ng

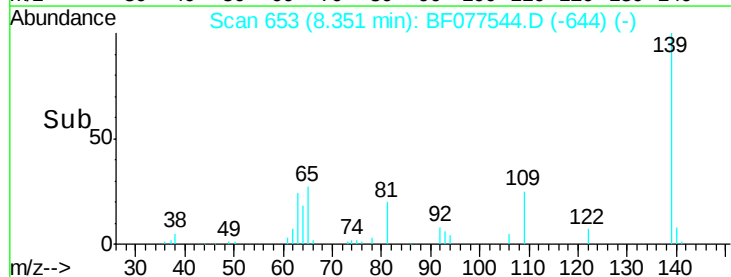
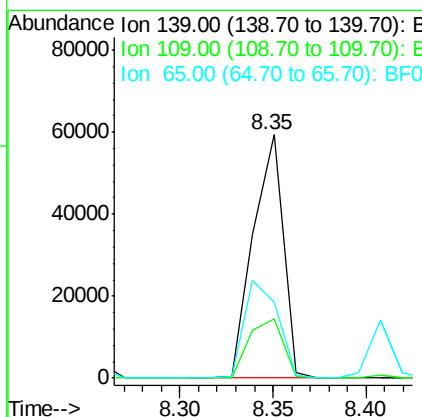
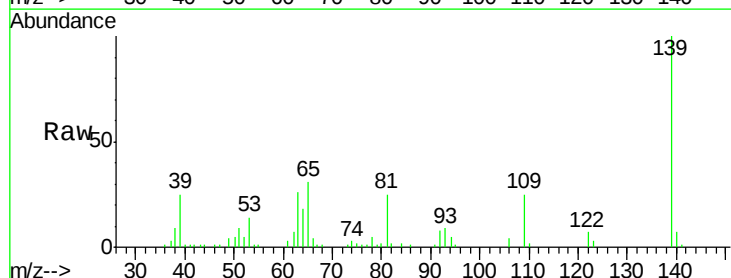
RT: 8.35 min Scan# 653

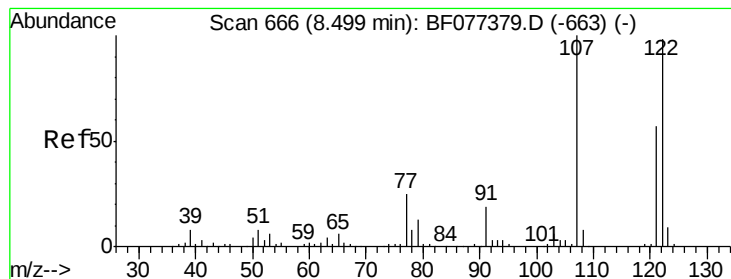
Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion	139	109	65
Ratio	100	24.6	31.0
Lower		22.6	36.4
Upper		34.0	54.6#





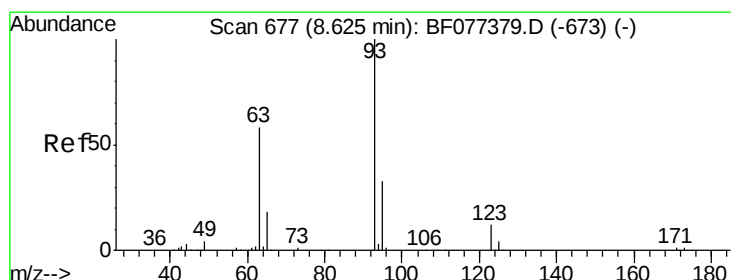
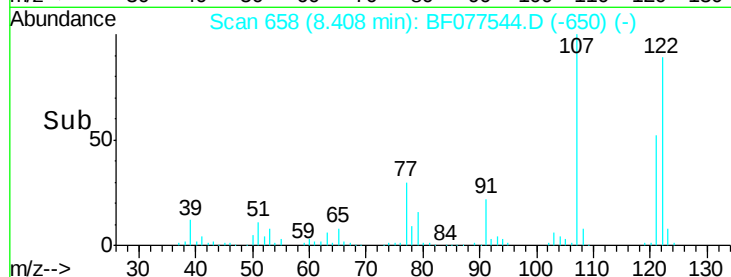
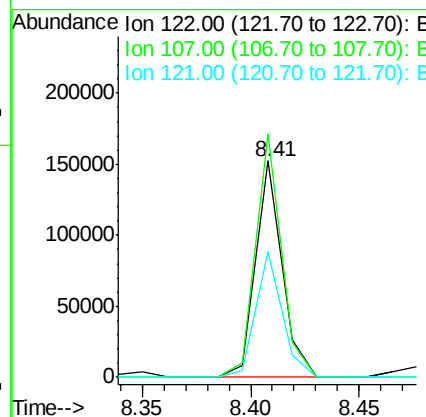
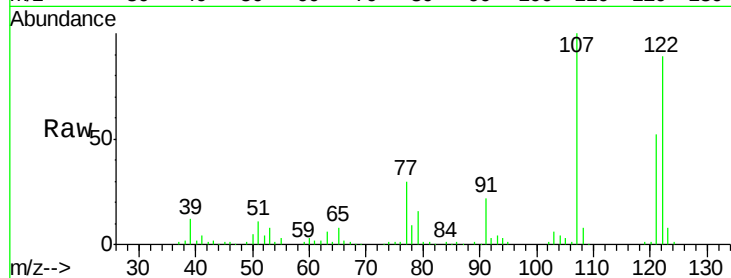
#27
2,4-Dimethylphenol
Concen: 29.17 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128480		
107	112.6	86.6	130.0	
121	58.5	47.4	71.0	

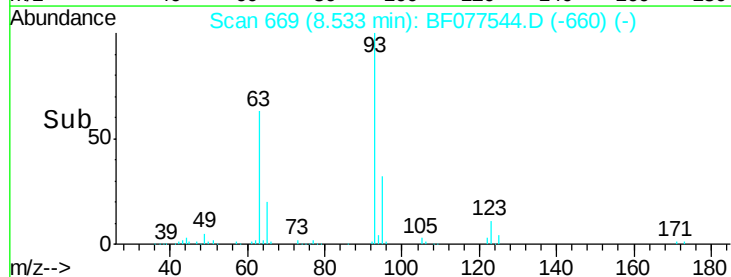
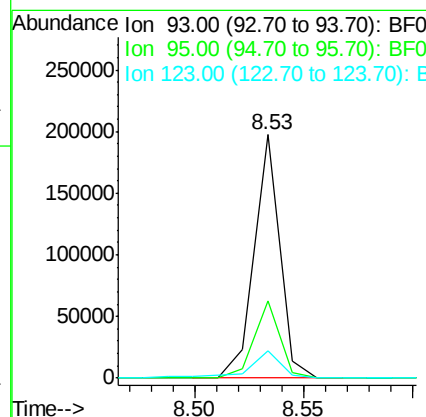
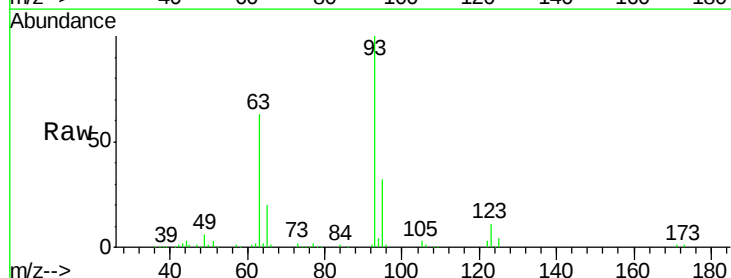
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#28
bis(2-Chloroethoxy)methane
Concen: 28.10 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	160769		
95	31.9	26.4	39.6	
123	11.1	8.7	13.1	





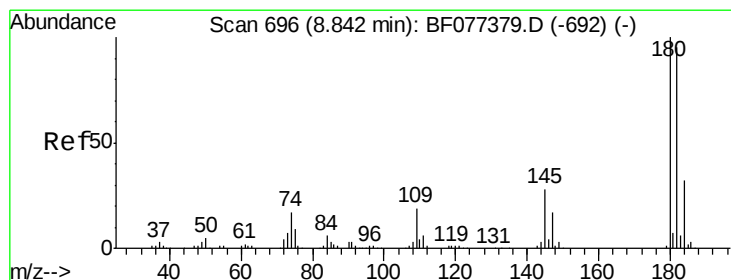
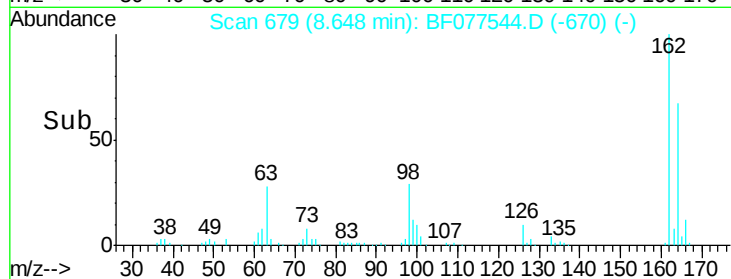
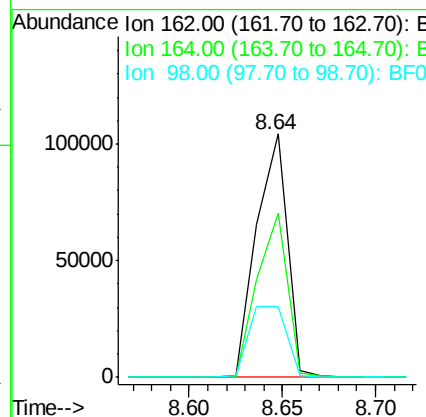
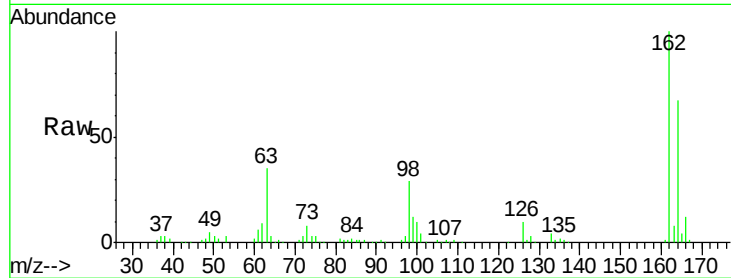
#29
 2,4-Dichlorophenol
 Concen: 28.86 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampled :
 PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	119323		
164	67.2	46.4	86.4	
98	29.2	6.9	46.9	

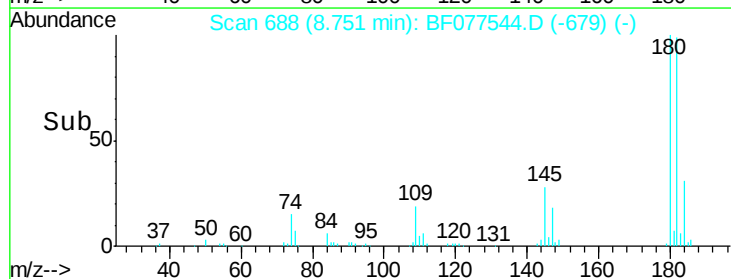
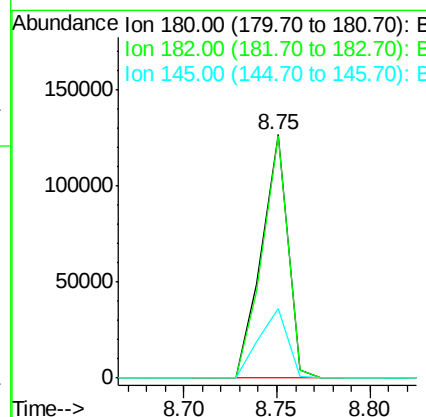
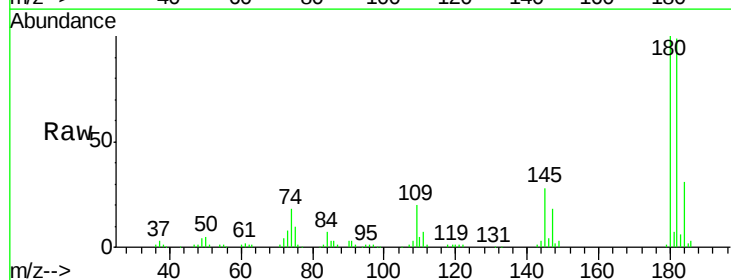
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#30
 1,2,4-Trichlorobenzene
 Concen: 27.14 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123367		
182	99.4	76.2	114.4	
145	28.3	24.5	36.7	





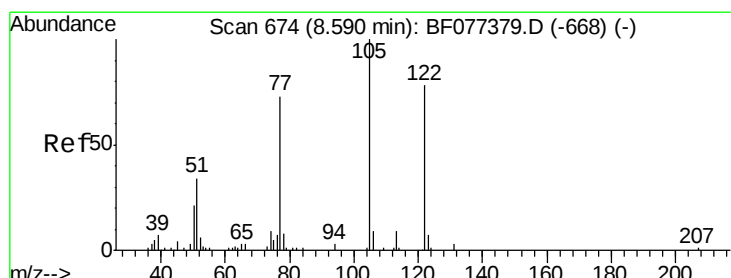
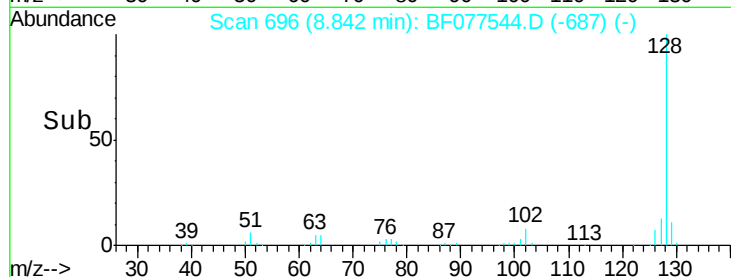
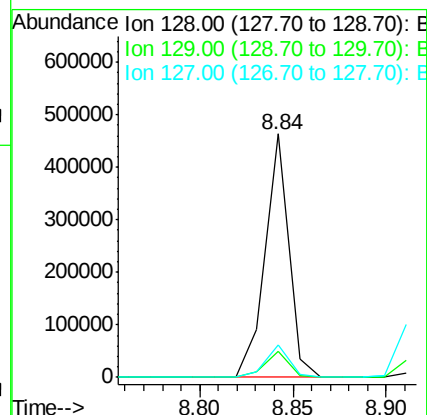
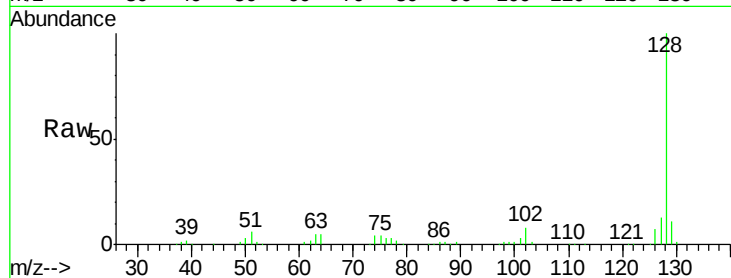
#31
Naphthalene
Concen: 28.47 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	404124		
129	10.9	9.4	14.0	
127	13.3	10.6	15.8	

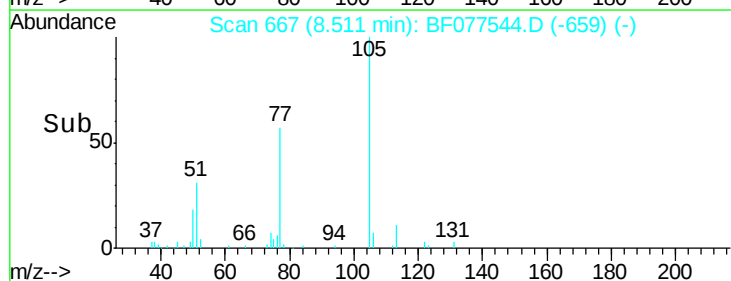
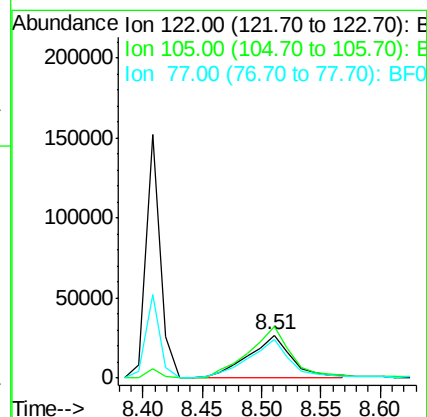
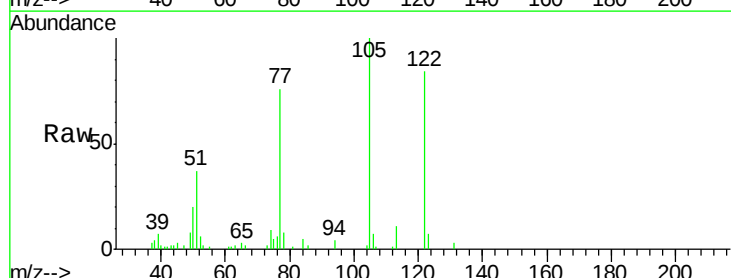
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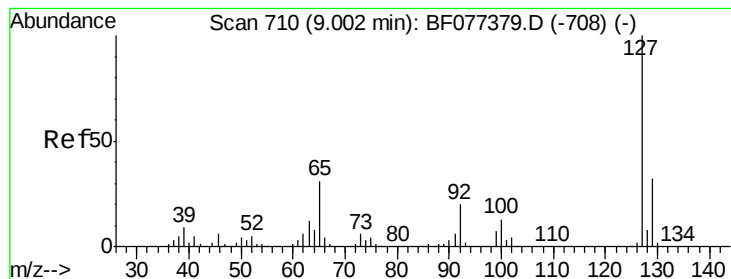
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#32
Benzoic acid
Concen: 32.48 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69507		
105	118.5	100.3	140.3	
77	90.0	68.7	108.7	





#33

4-Chloroaniline

Concen: 16.68 ng

RT: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077544.D

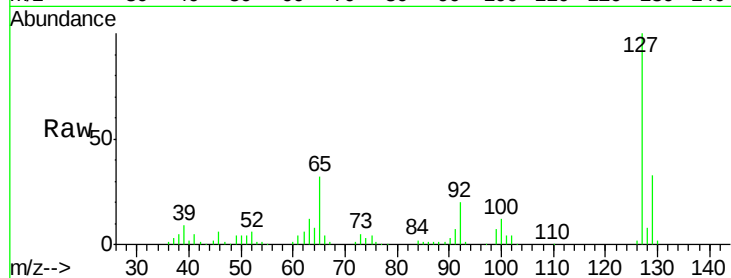
Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

PB81931BS



Tgt Ion:127 Resp: 105271

Ion Ratio Lower Upper

127 100

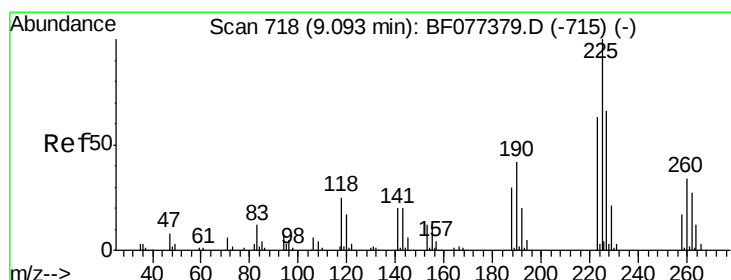
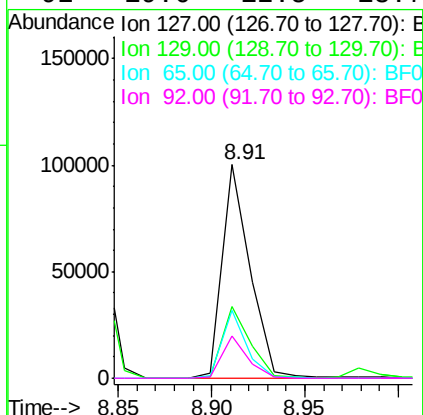
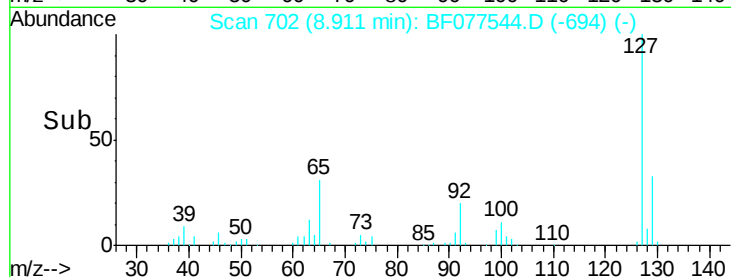
129 33.3 26.9 40.3

65 31.9 16.7 25.1#

92 19.6 12.5 18.7#

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#34

Hexachlorobutadiene

Concen: 25.72 ng

RT: 9.00 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

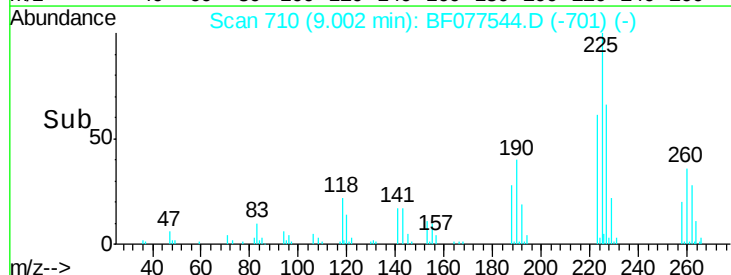
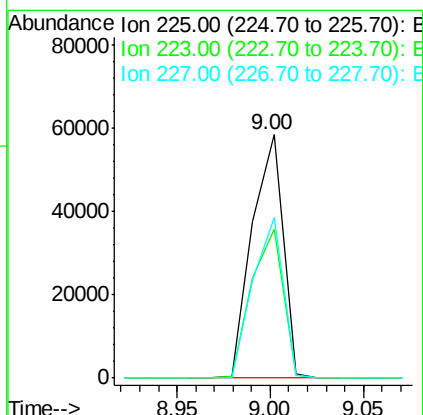
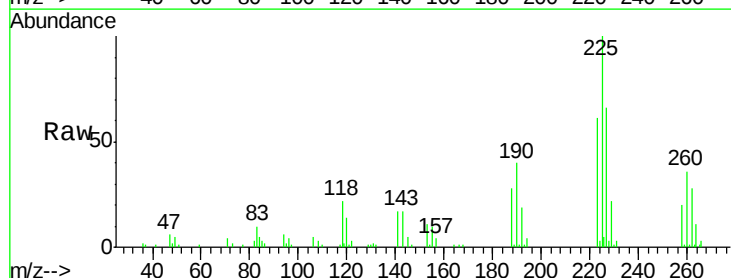
Tgt Ion:225 Resp: 66743

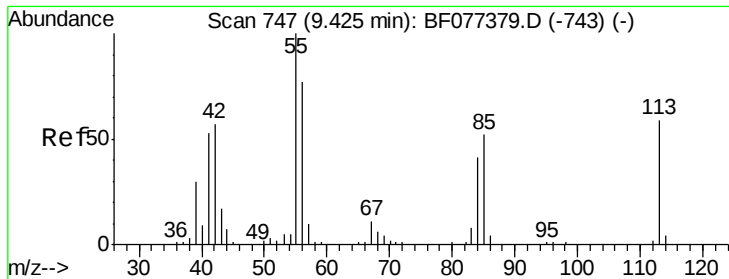
Ion Ratio Lower Upper

225 100

223 60.9 49.5 74.3

227 65.7 50.5 75.7





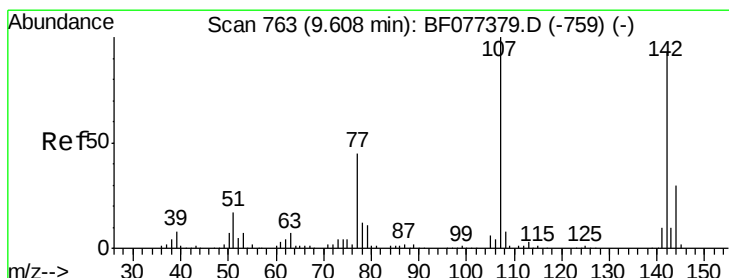
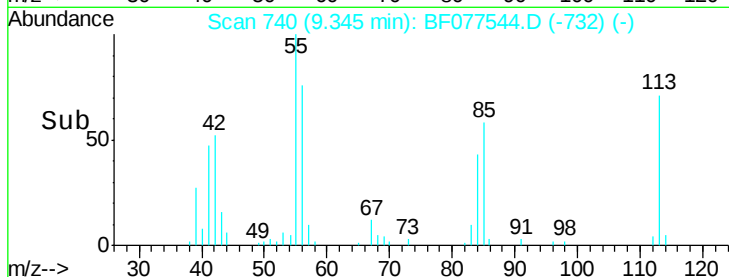
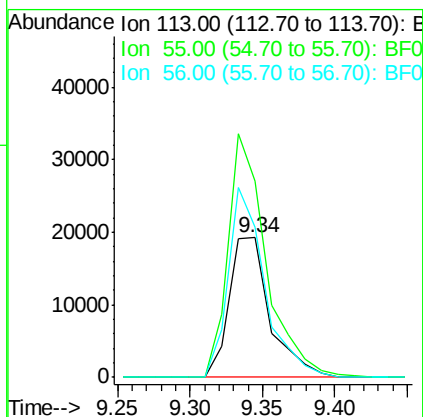
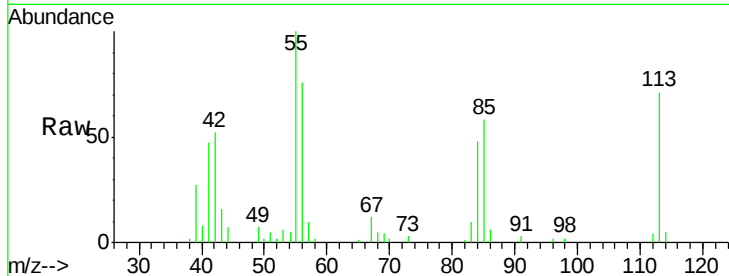
#35
 Caprolactam
 Concen: 29.90 ng
 RT: 9.34 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion:113 Resp: 37732
 Ion Ratio Lower Upper
 113 100
 55 140.4 154.6 194.6#
 56 107.1 114.0 154.0#

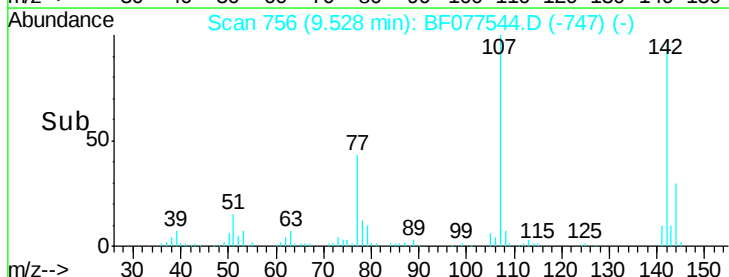
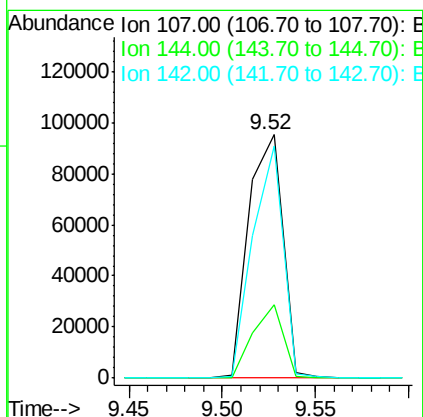
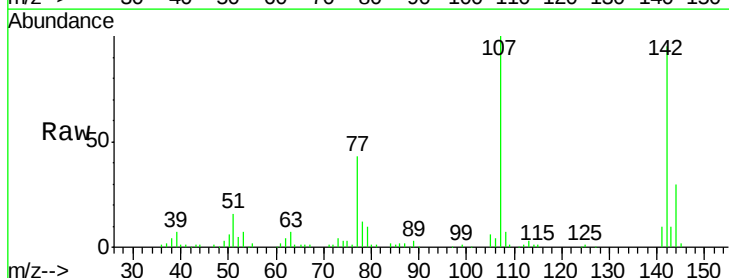
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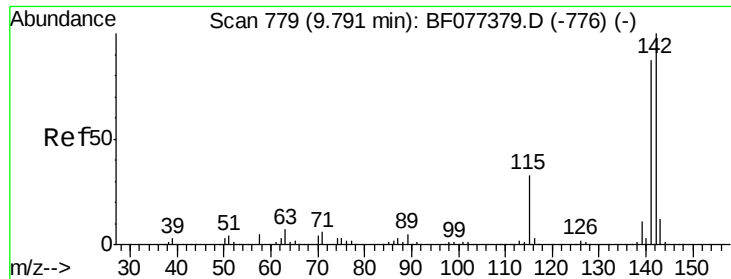
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#36
 4-Chloro-3-methylphenol
 Concen: 29.15 ng
 RT: 9.52 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion:107 Resp: 121166
 Ion Ratio Lower Upper
 107 100
 144 30.0 21.1 31.7
 142 95.3 65.3 97.9





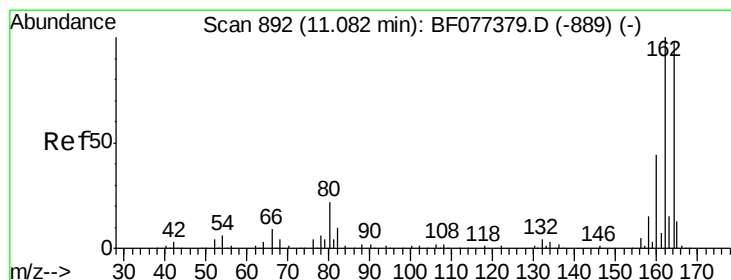
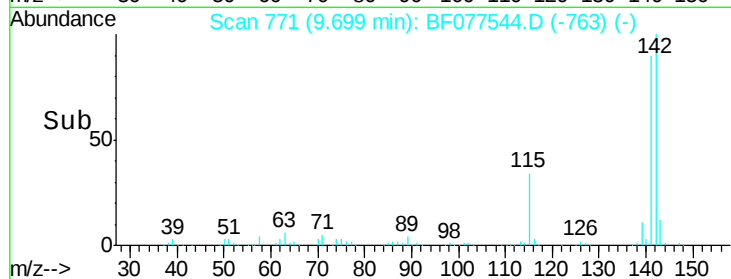
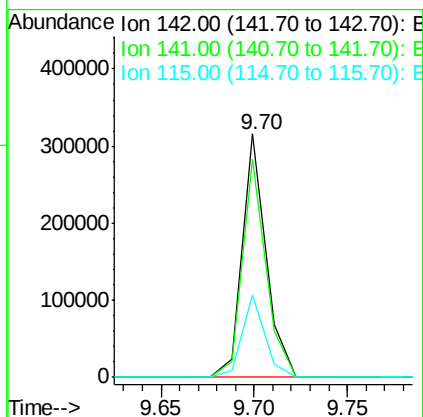
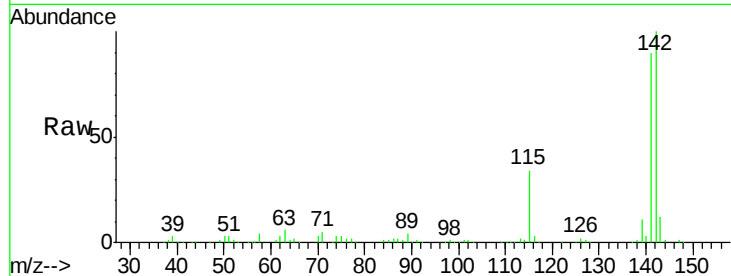
#37
2-Methylnaphthalene
Concen: 27.72 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	279462		
141	89.7	70.7	106.1	
115	33.6	24.2	36.4	

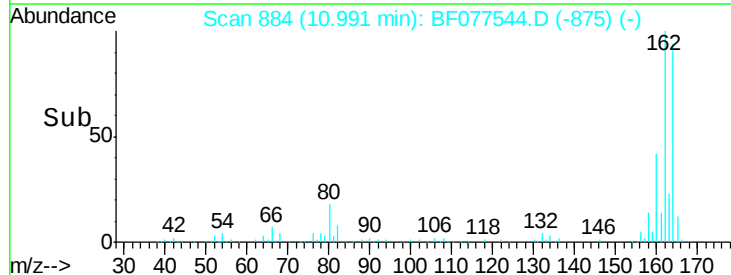
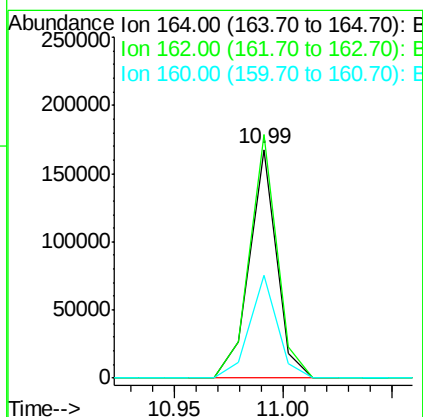
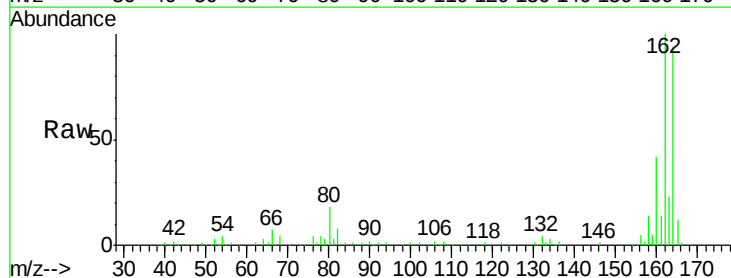
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145444		
162	106.4	83.2	124.8	
160	45.1	34.6	52.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.27 ng

RT: 9.91 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF077544.D

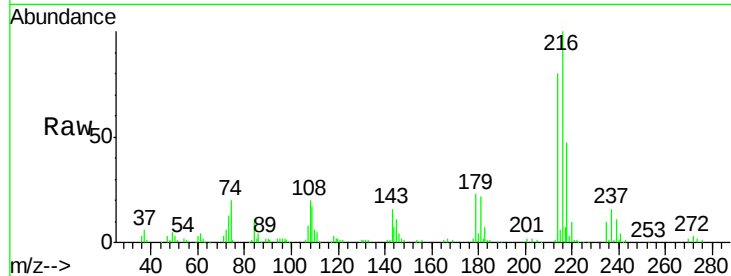
Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

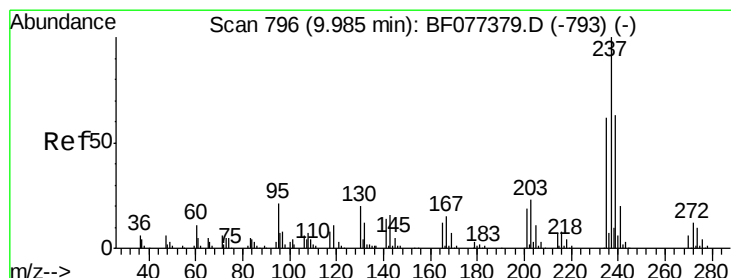
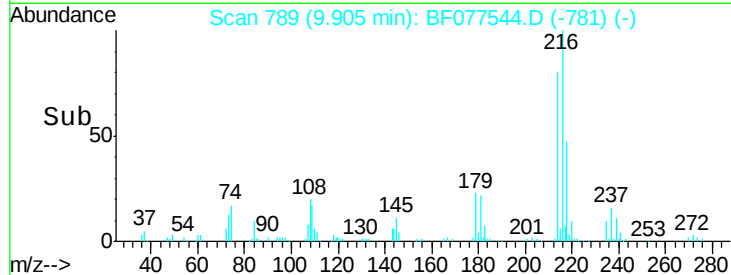
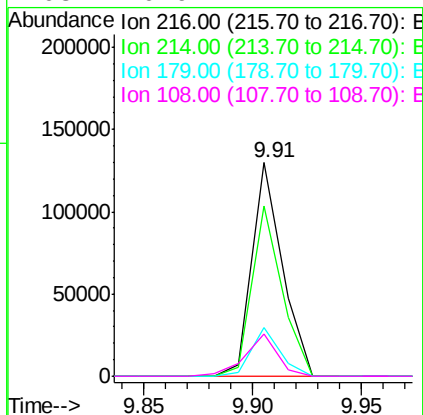
PB81931BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.0
179	21.8	16.6	25.0
108	20.9	14.2	21.4

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#40

Hexachlorocyclopentadiene

Concen: 60.93 ng

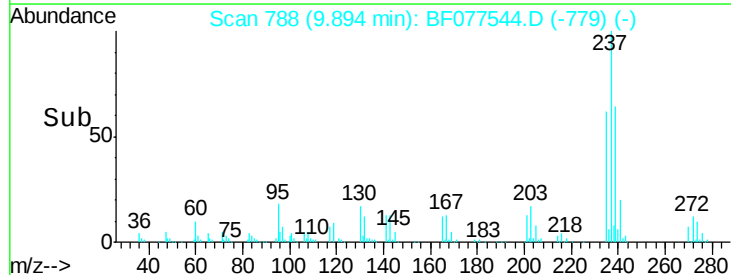
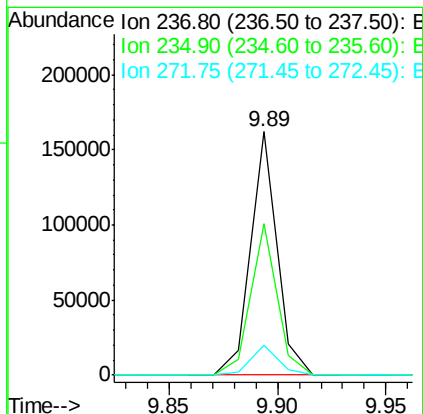
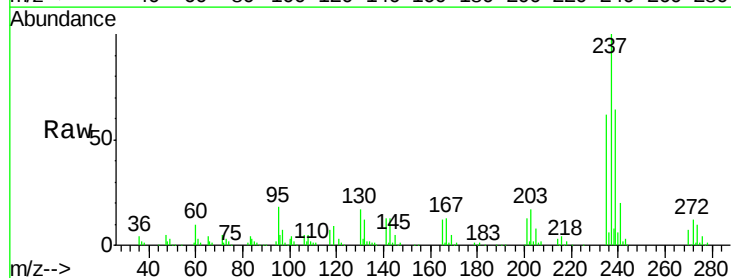
RT: 9.89 min Scan# 788

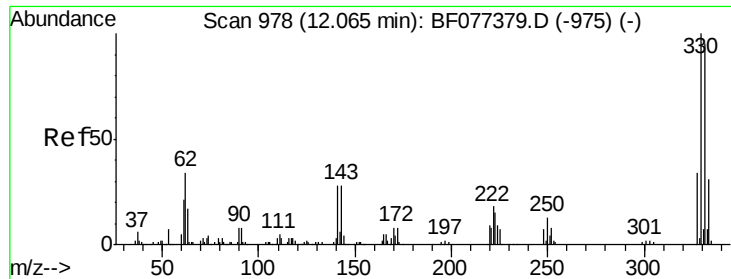
Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.0	81.0
272	12.4	0.0	34.3





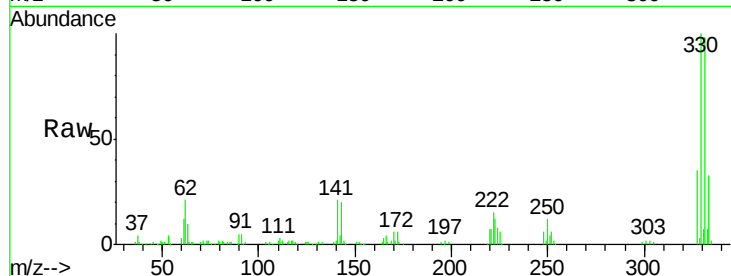
#41
 2,4,6-Tribromophenol
 Concen: 98.61 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

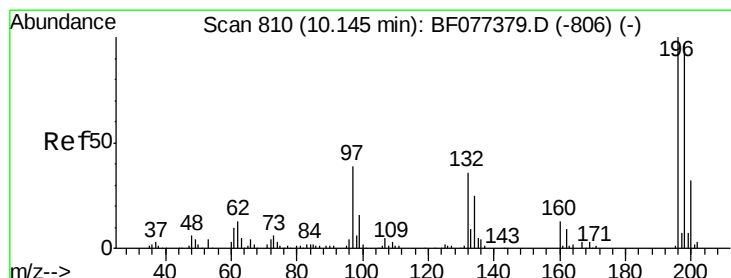
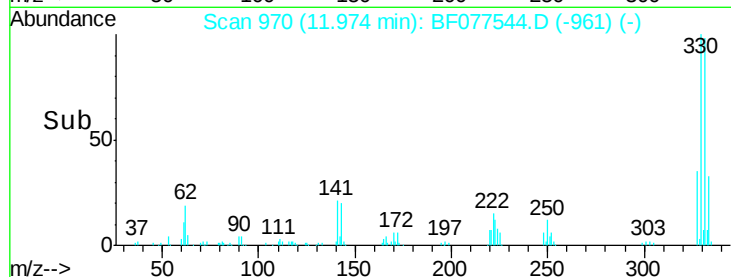
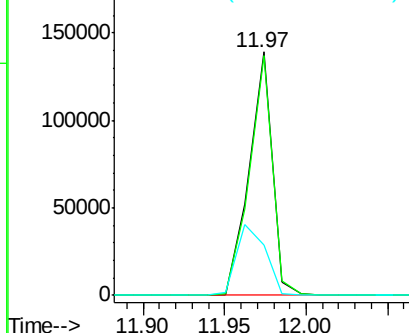
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138100		
332	97.5	77.4	116.2	
141	35.7	28.8	43.2	

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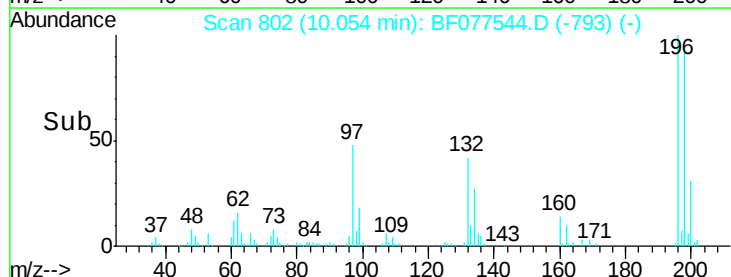
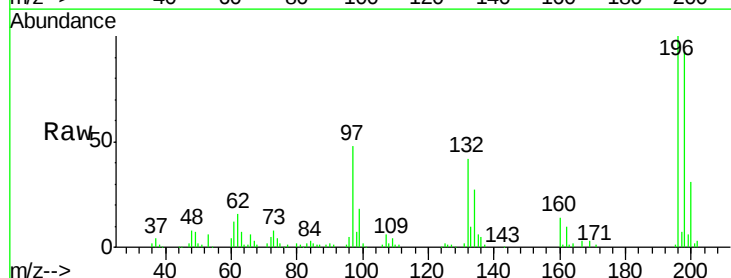
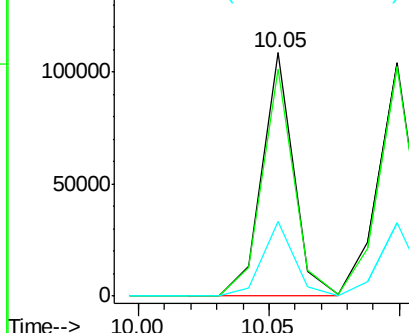
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.12 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91546		
198	93.1	75.8	113.8	
200	30.6	24.2	36.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





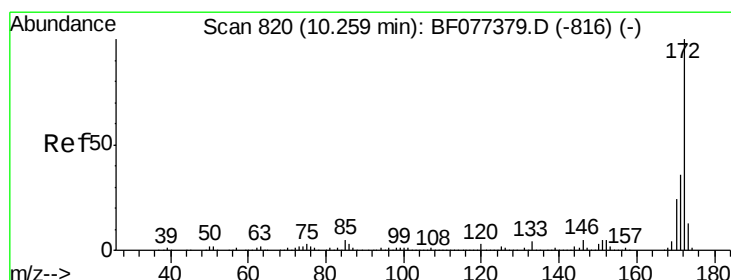
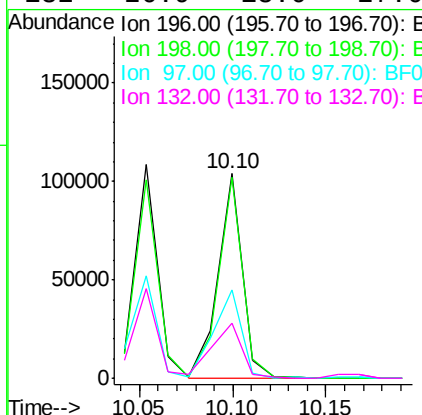
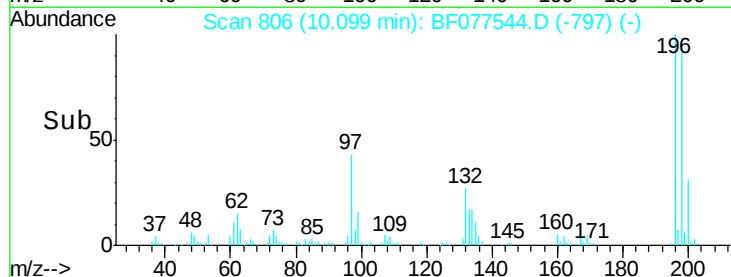
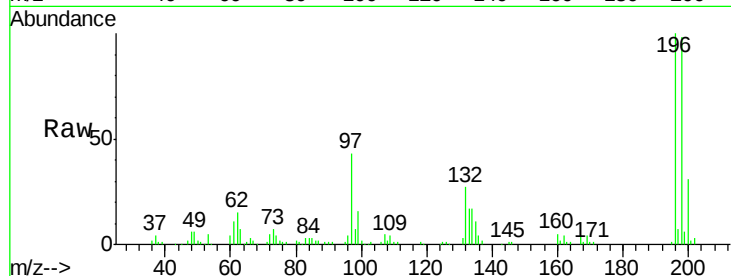
#43
2,4,5-Trichlorophenol
Concen: 32.20 ng
RT: 10.10 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95165		
198	98.4	77.2	115.8	
97	43.3	27.7	41.5	
132	26.9	18.0	27.0	

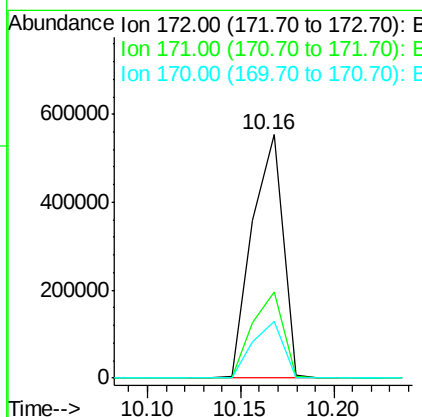
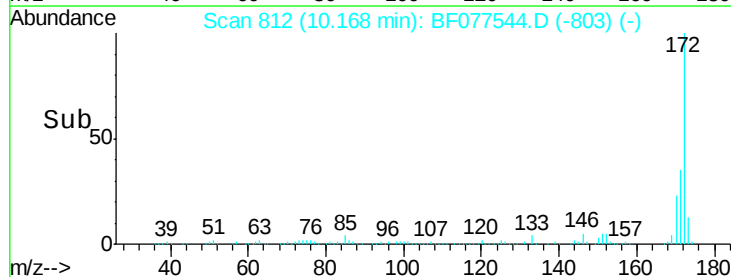
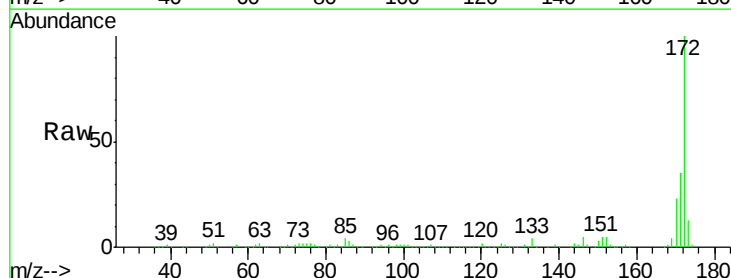
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#44
2-Fluorobiphenyl
Concen: 68.04 ng
RT: 10.16 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	634679		
171	35.5	28.9	43.3	
170	23.4	19.4	29.2	





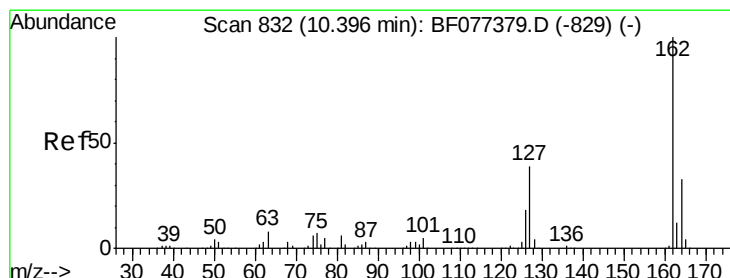
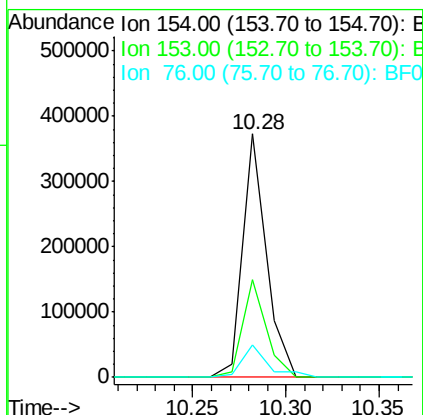
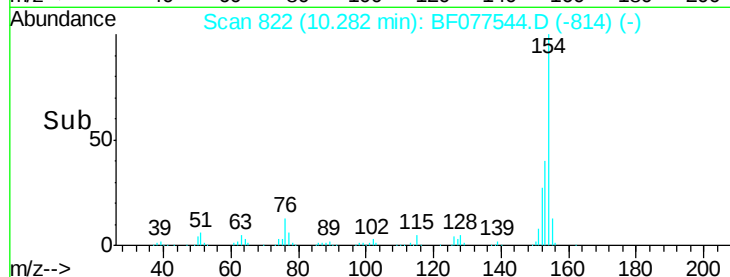
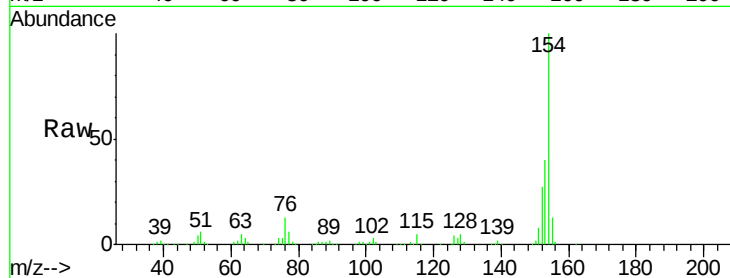
#45
1,1'-Biphenyl
Concen: 29.94 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	13.2	0.0	29.4

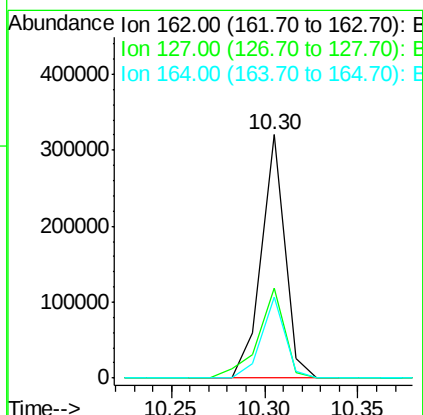
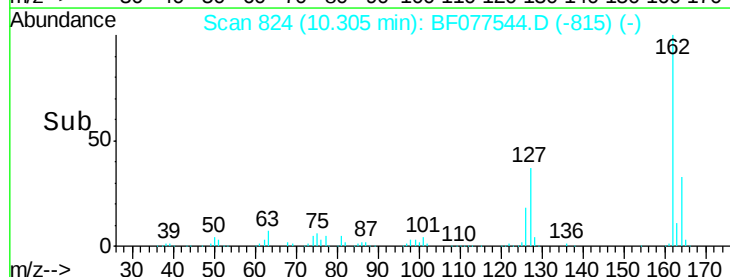
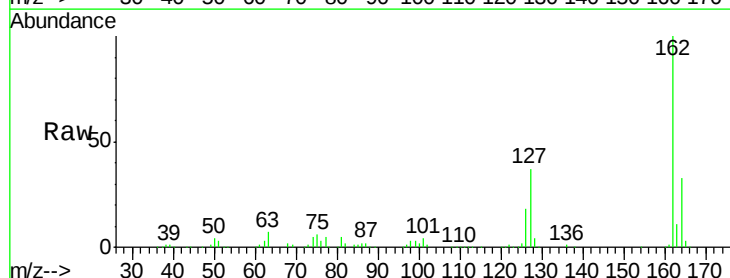
Manual Integrations
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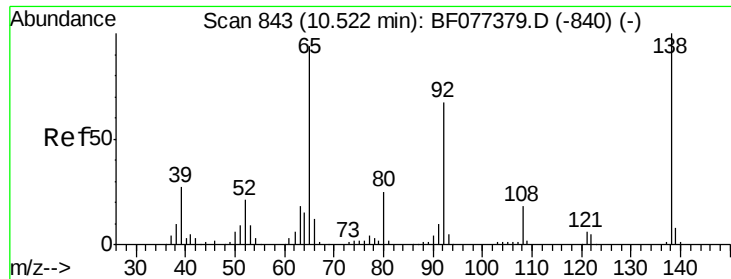
mohammad
3/4/2015 4:41:41 PM



#46
2-Chloronaphthalene
Concen: 32.23 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	33.3	49.9
164	33.1	26.2	39.4





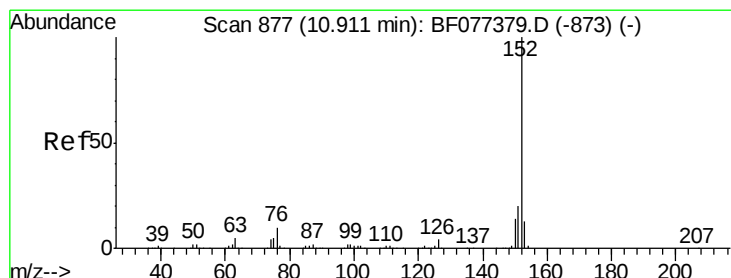
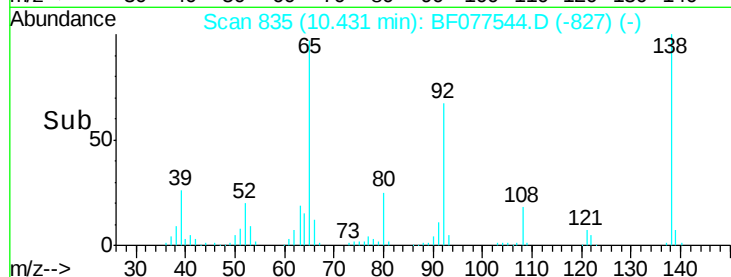
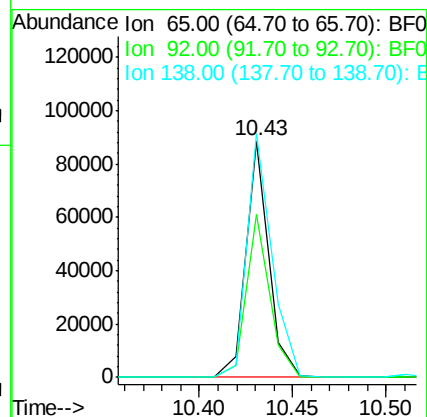
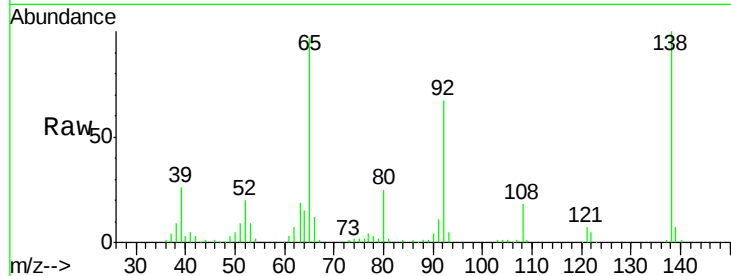
#47
2-Nitroaniline
Concen: 35.42 ng
RT: 10.43 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion: 65 Resp: 75347
Ion Ratio Lower Upper
65 100
92 69.1 52.4 78.6
138 103.1 73.4 110.0

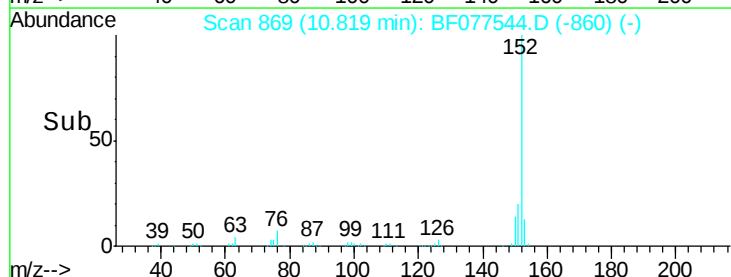
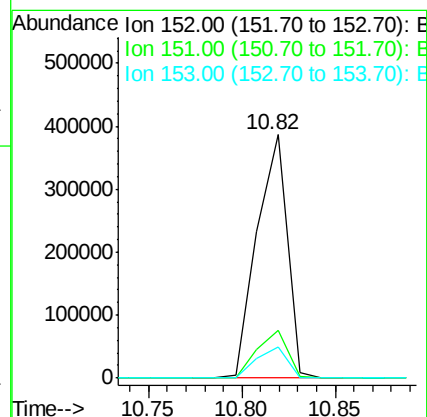
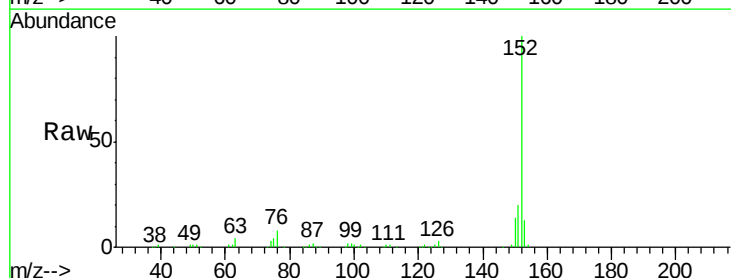
Manual Integrations
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#48
Acenaphthylene
Concen: 31.74 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion: 152 Resp: 434224
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.8 10.9 16.3





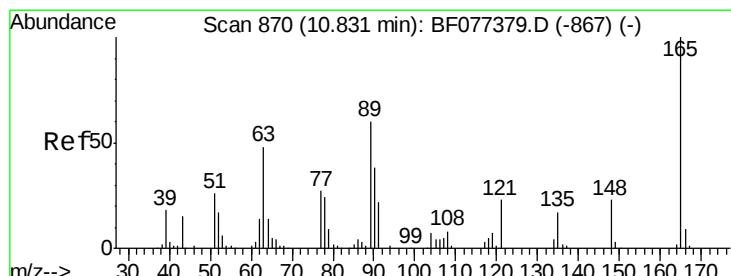
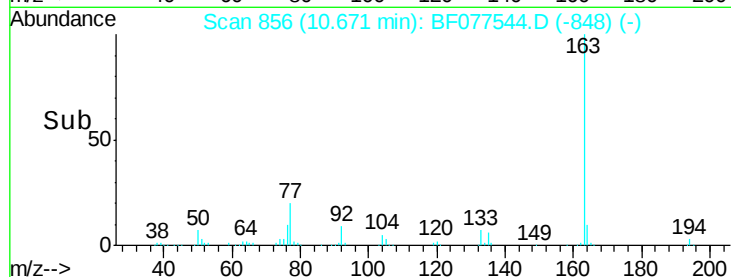
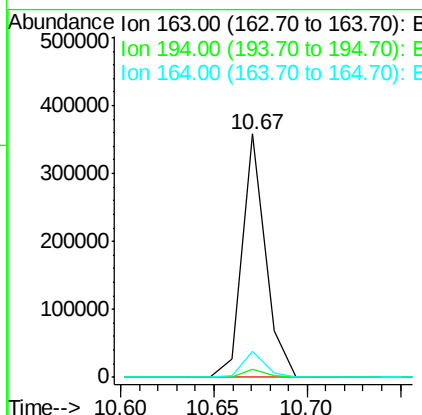
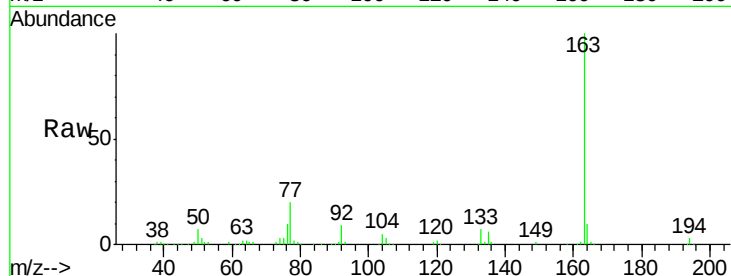
#49
Dimethylphthalate
Concen: 30.52 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	312051		
194	3.4	2.6	4.0	
164	10.4	8.6	13.0	

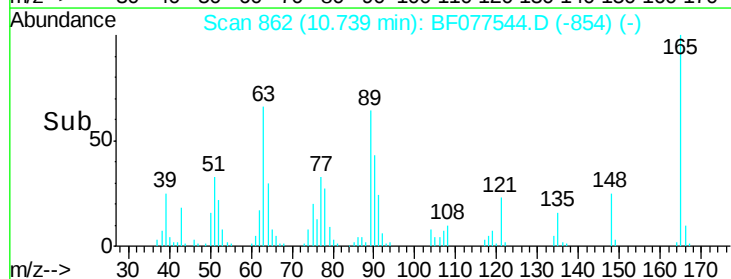
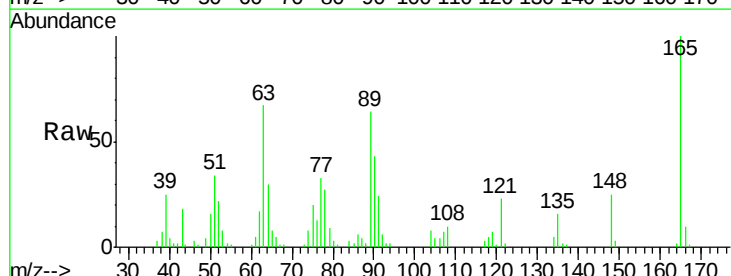
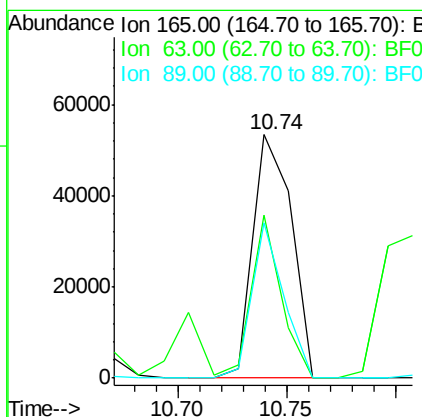
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 32.30 ng
RT: 10.74 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66222		
63	66.7	25.2	37.8#	
89	63.6	30.5	45.7#	





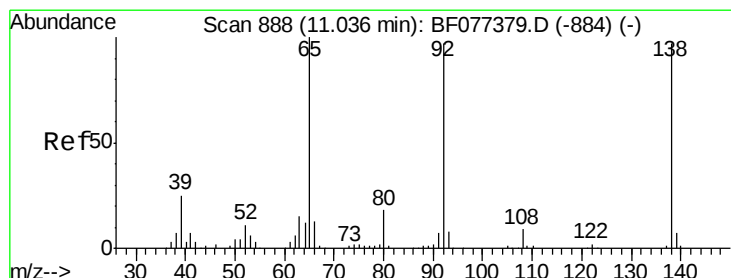
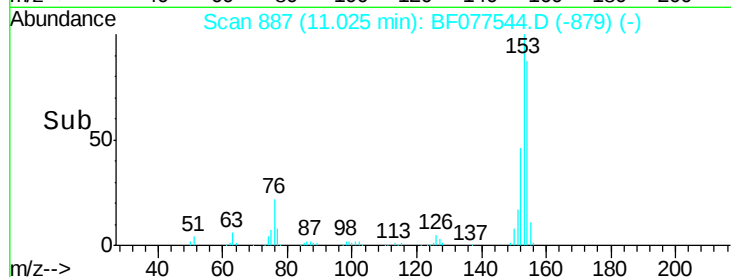
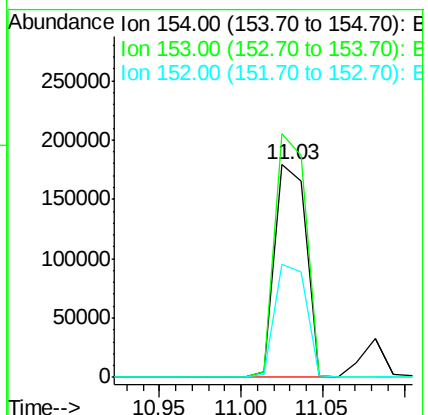
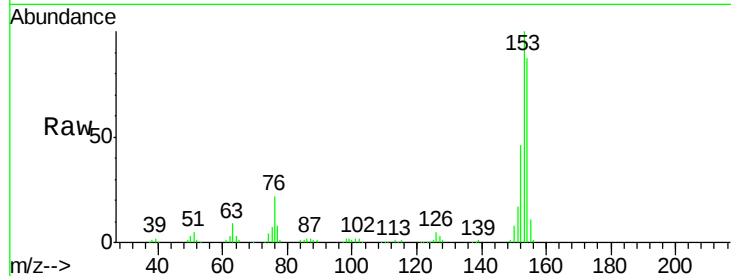
#51
Acenaphthene
Concen: 29.50 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	240834		
153	114.5	90.5	135.7	
152	53.3	43.5	65.3	

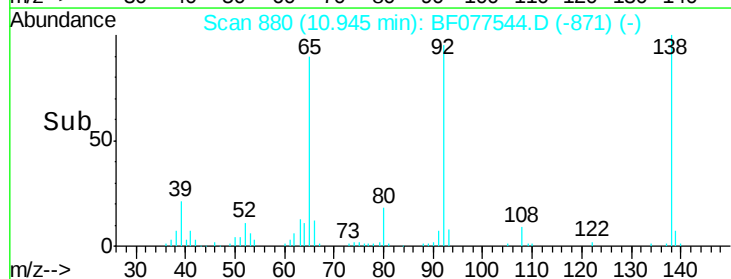
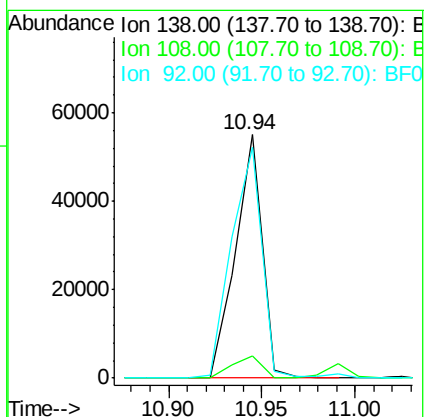
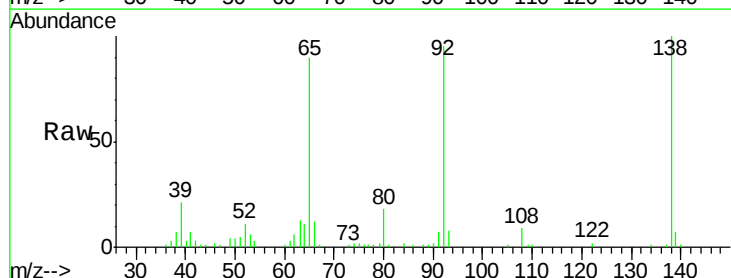
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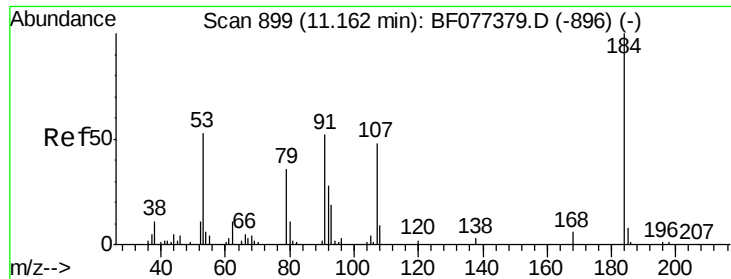
mohammad
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#52
3-Nitroaniline
Concen: 23.31 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

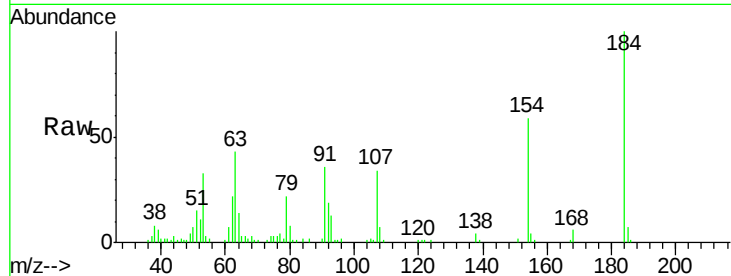
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	55100		
108	9.3	7.8	11.8	
92	94.6	90.6	135.8	





#53
2,4-Dinitrophenol
Concen: 83.93 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

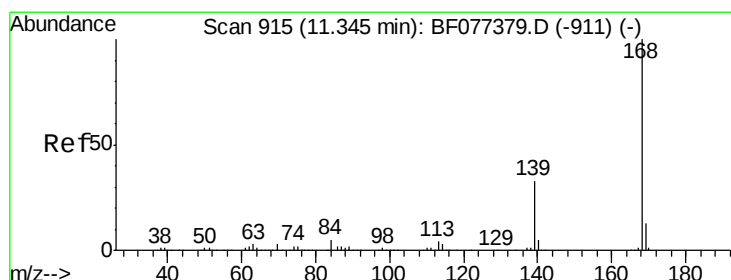
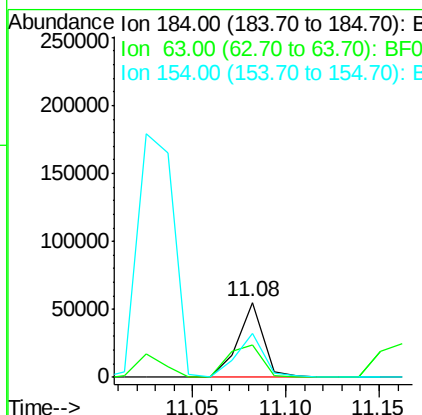
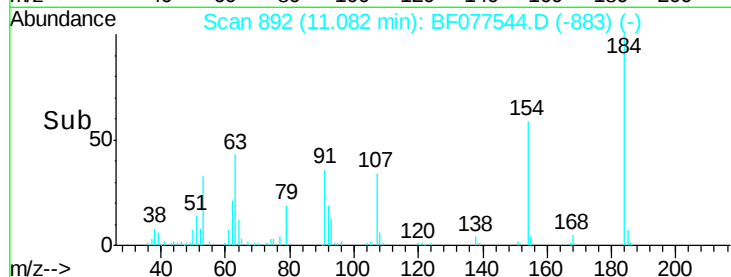
Instrument :
BNA_F
ClientSampleId :
PB81931BS



Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.2	29.5	44.3
154	59.0	43.2	64.8

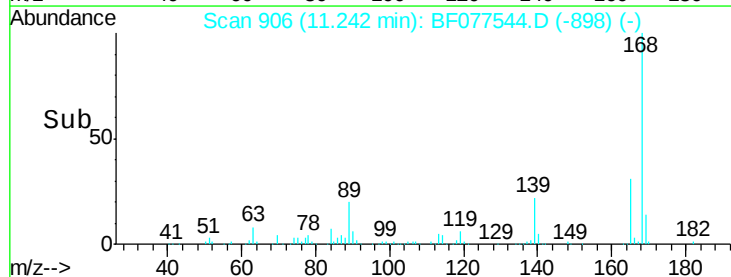
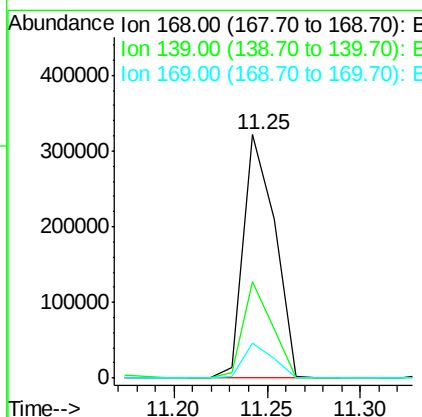
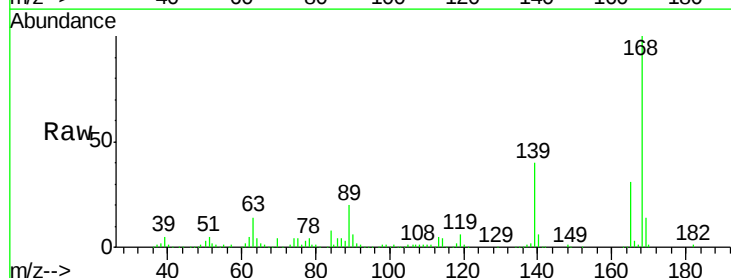
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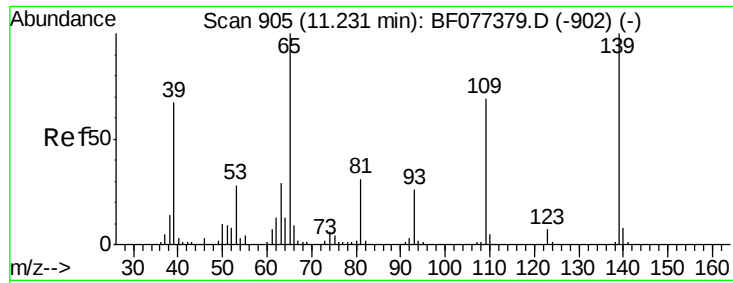
mohammad
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#54
Dibenzofuran
Concen: 29.77 ng
RT: 11.25 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.3	43.9
169	14.2	10.9	16.3





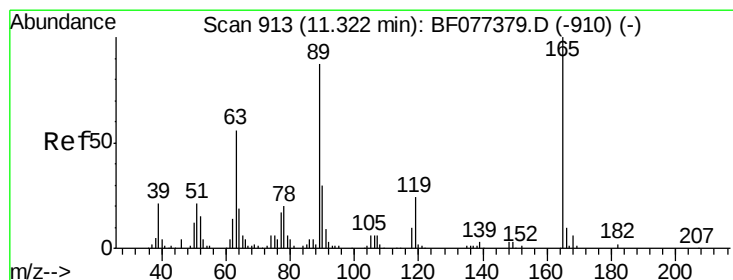
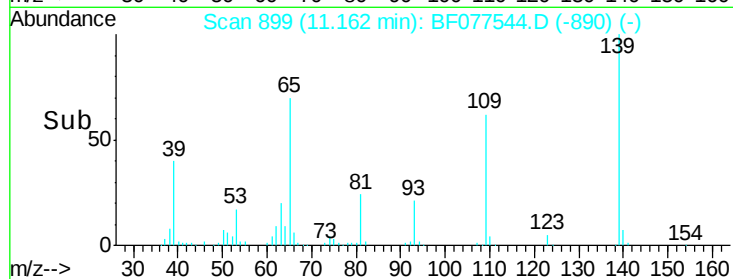
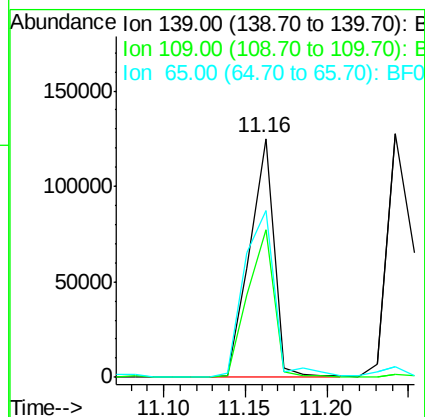
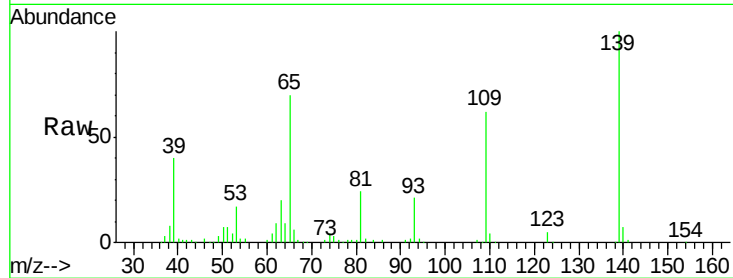
#55
4-Nitrophenol
Concen: 69.05 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131293		
109	61.7	36.2	76.2	
65	69.7	40.3	80.3	

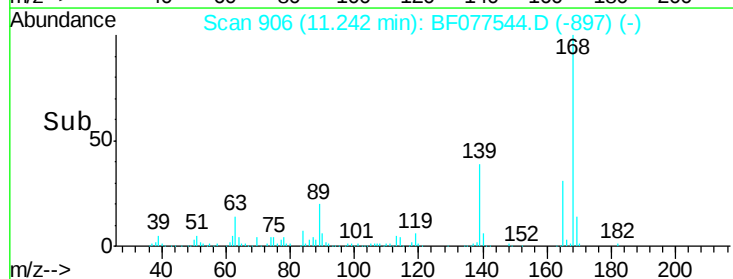
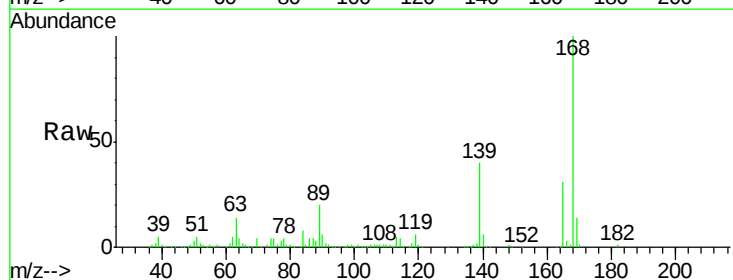
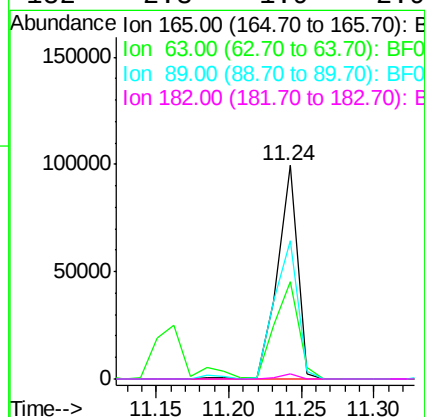
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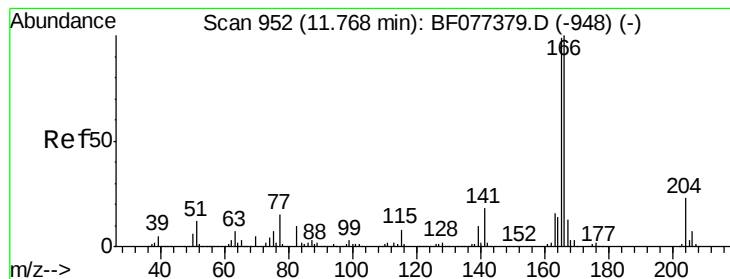
mohammad
3/4/2015 4:41:41 PM



#56
2,4-Dinitrotoluene
Concen: 34.60 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95868		
63	45.7	29.8	44.8#	
89	65.0	48.5	72.7	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 30.11 ng

RT: 11.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

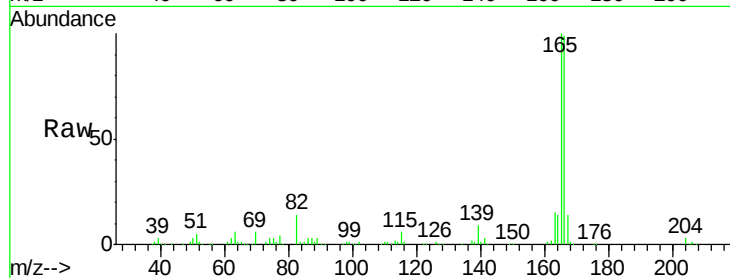
ClientSampleId :

PB81931BS

Tgt Ion:	166	Resp:	303387
Ion Ratio	Lower	Upper	
166	100		
165	100.7	77.6	116.4
167	14.0	10.6	16.0

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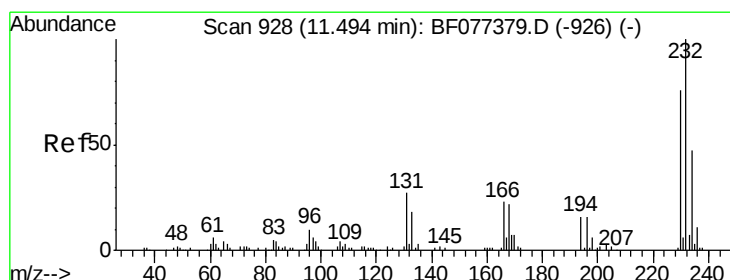
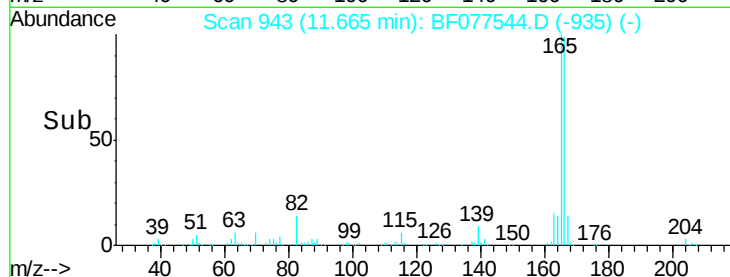
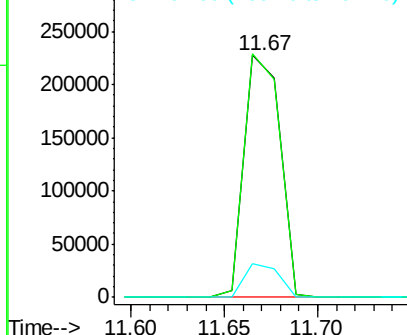


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.14 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	232	Resp:	76361
Ion Ratio	Lower	Upper	
232	100		
131	46.0	34.2	51.2
130	2.3	1.8	2.6
166	31.3	24.3	36.5

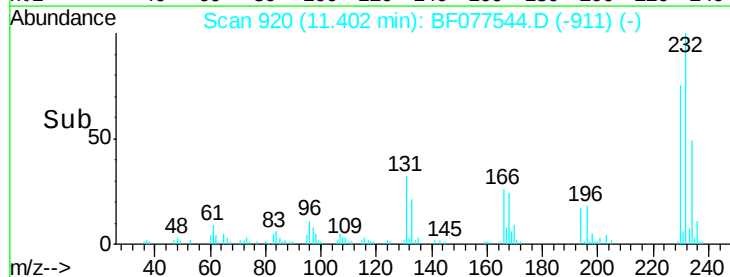
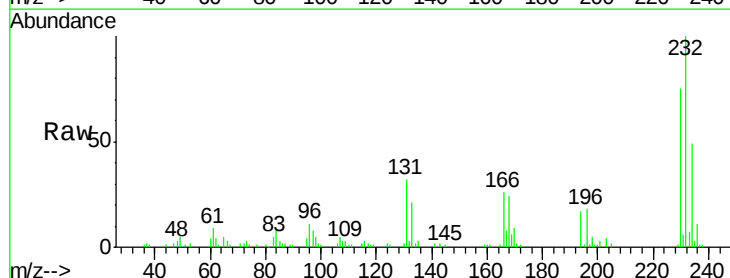
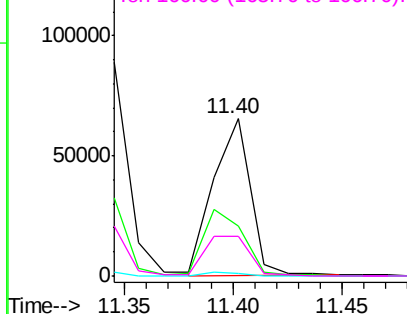
Abundance

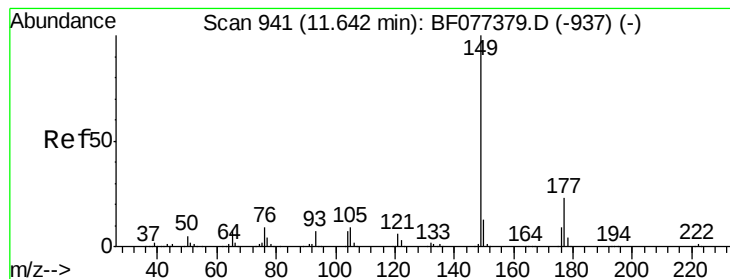
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 30.79 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

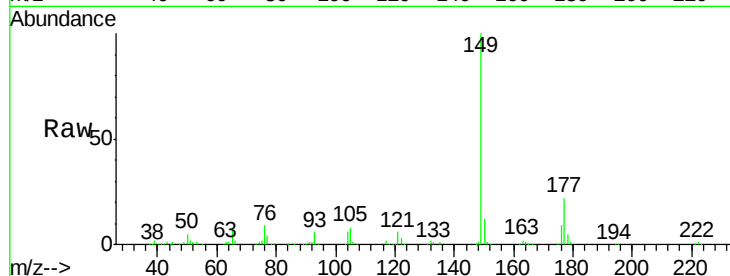
ClientSampleId :

PB81931BS

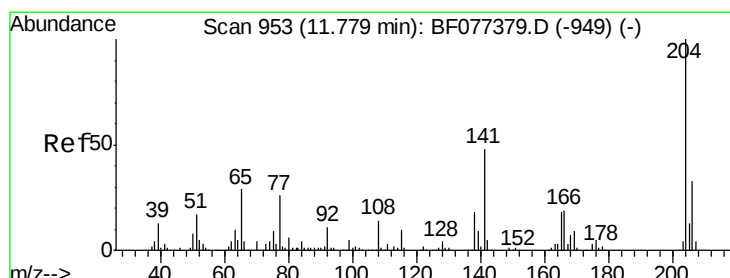
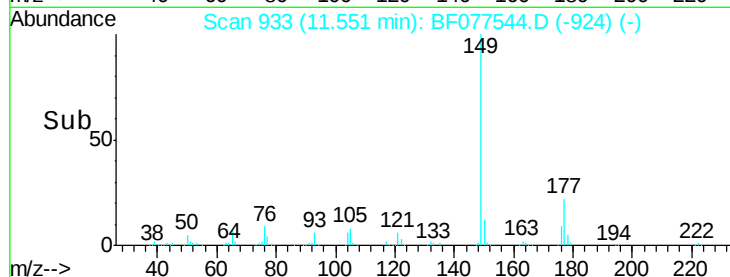
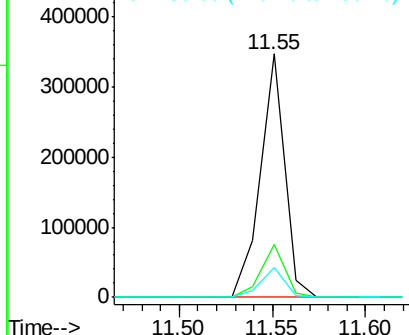
Tgt Ion:	149	Resp:	310342
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.2	25.8
150	12.2	10.5	15.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.24 ng

RT: 11.68 min Scan# 944

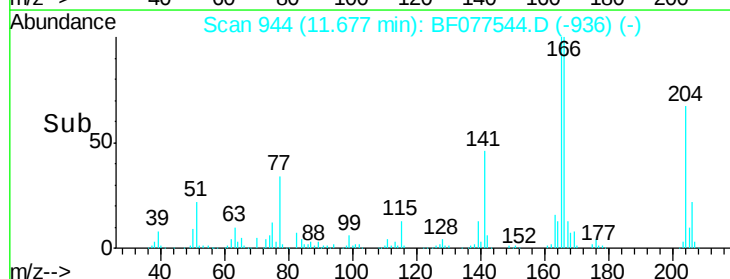
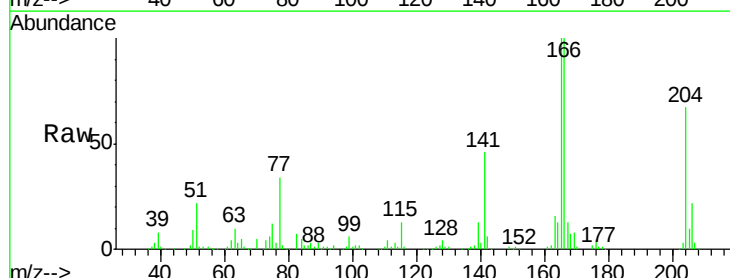
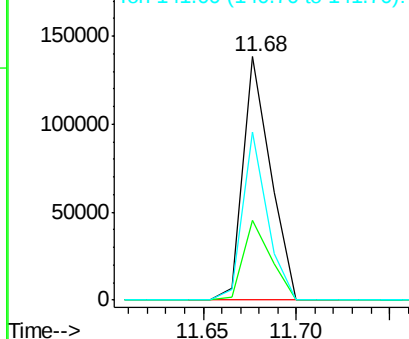
Delta R.T. -0.00 min

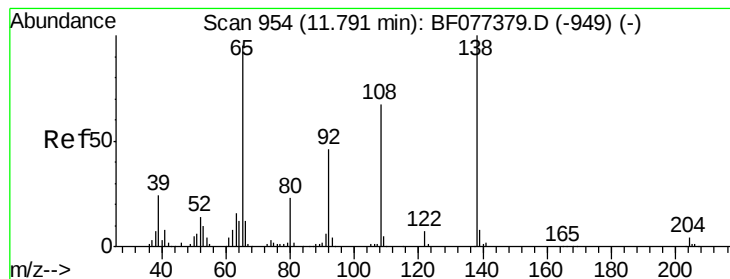
Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt Ion:	204	Resp:	141994
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.9	38.9
141	69.3	43.6	65.4#

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





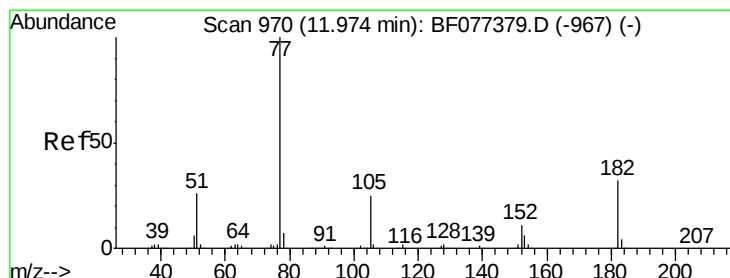
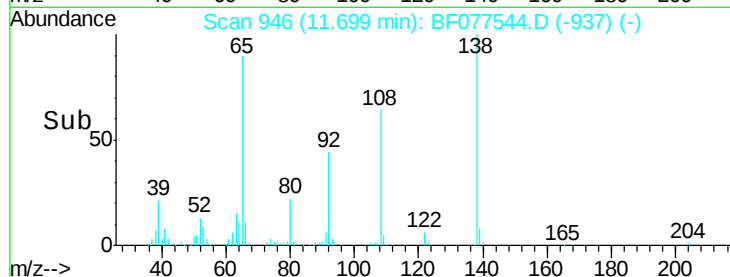
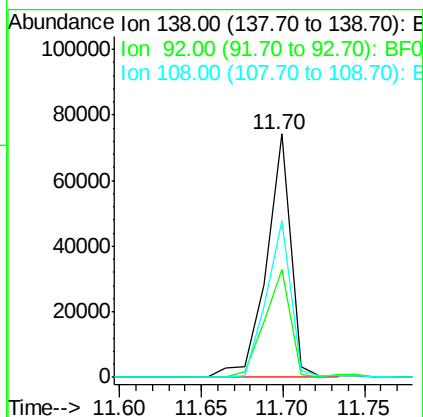
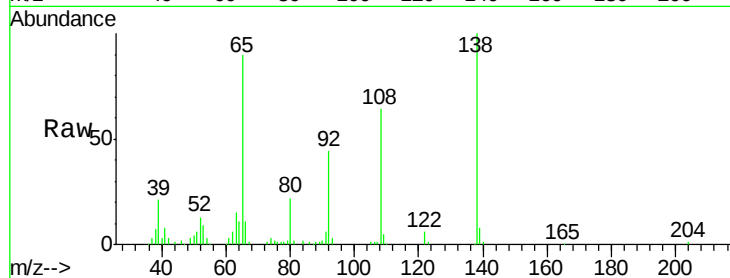
#61
4-Nitroaniline
Concen: 34.16 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	77399		
92	44.2	32.8	72.8	
108	64.5	52.1	92.1	

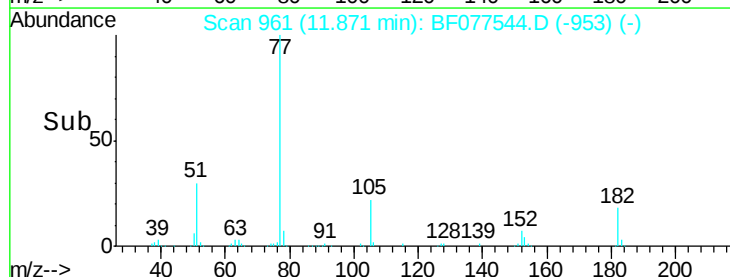
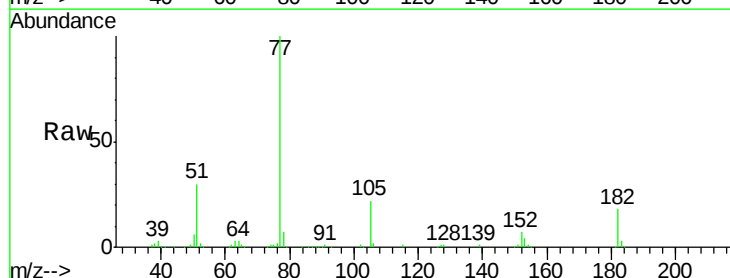
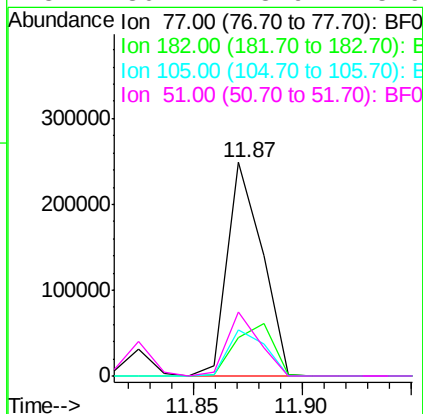
Manual Integrations
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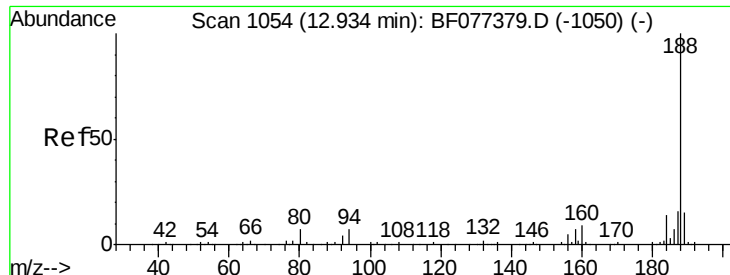
mohammad
3/4/2015 4:41:41 PM



#62
Azobenzene
Concen: 28.77 ng
RT: 11.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	275097		
182	18.3	4.9	44.9	
105	21.7	3.3	43.3	
51	30.2	8.9	48.9	





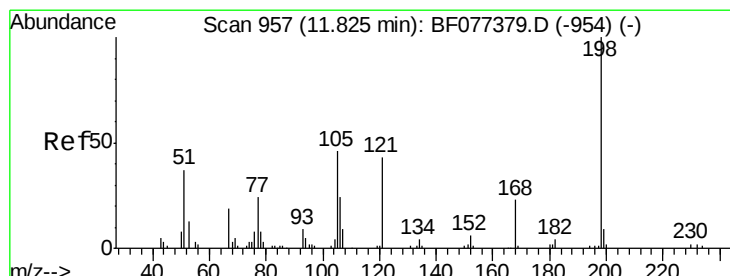
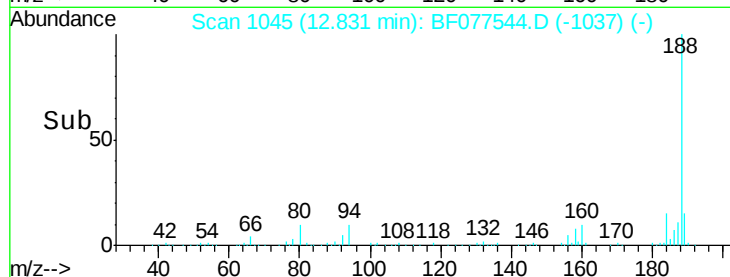
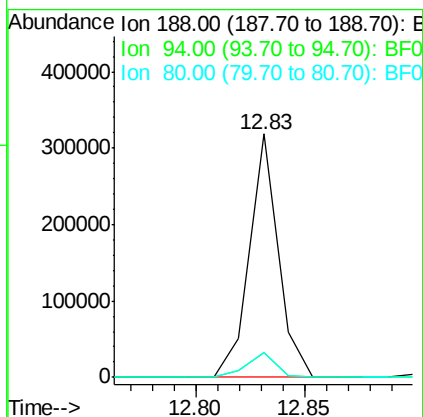
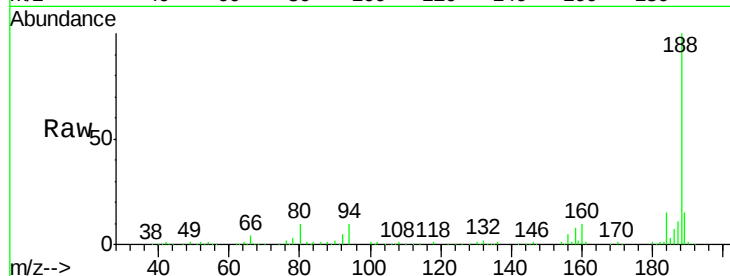
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	7.4	11.2
80	10.3	8.0	12.0

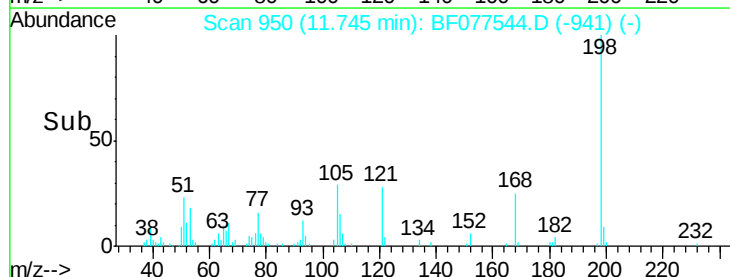
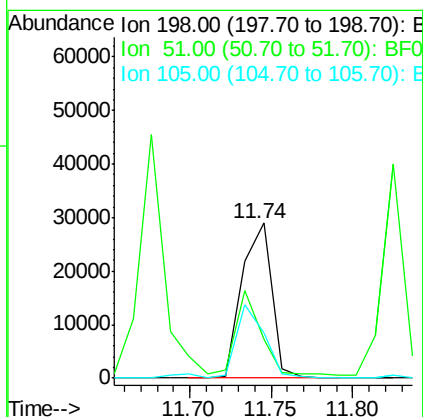
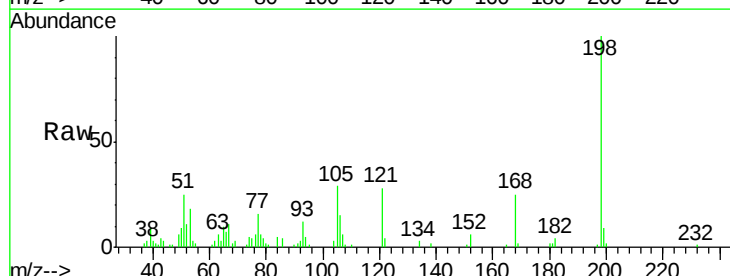
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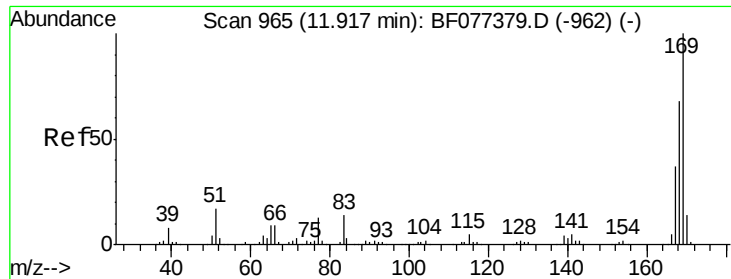
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.39 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

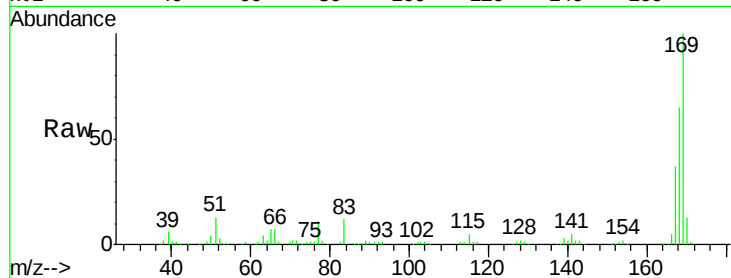
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	24.9	2.7	42.7
105	29.4	10.0	50.0





#65
n-Nitrosodiphenylamine
Concen: 28.02 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

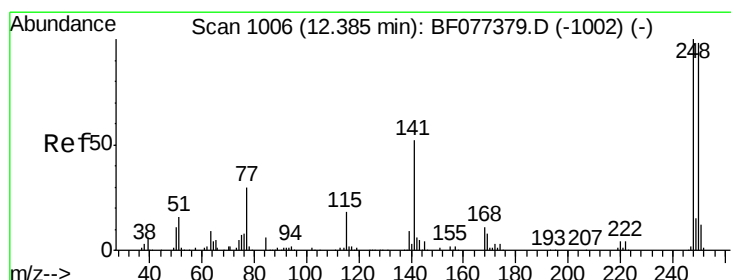
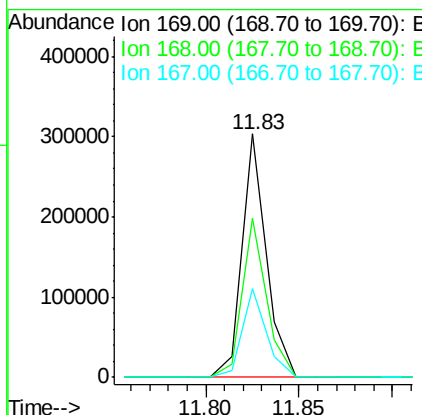
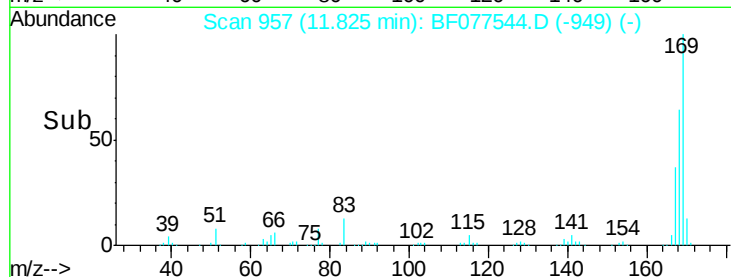
Instrument :
BNA_F
ClientSampleId :
PB81931BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	274115		
168	65.5	53.0	79.6	
167	36.6	29.5	44.3	

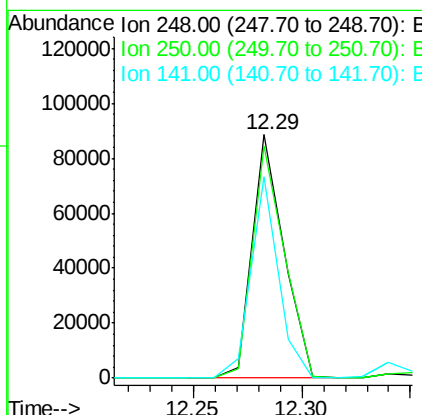
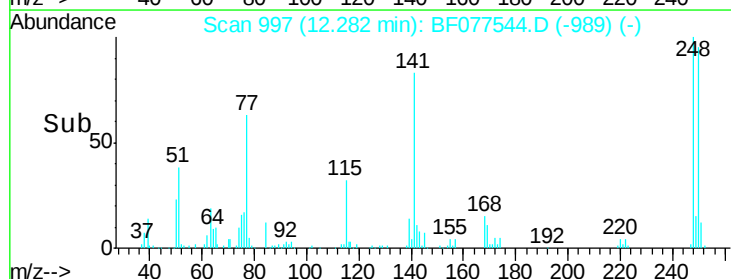
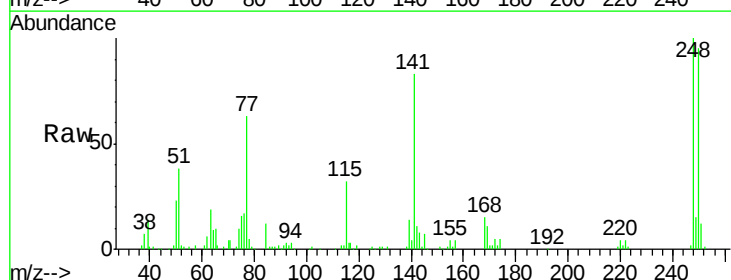
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#66
4-Bromophenyl-phenylether
Concen: 26.01 ng
RT: 12.29 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	89828		
250	95.4	78.0	117.0	
141	82.9	54.1	81.1#	





#67

Hexachlorobenzene

Concen: 27.72 ng

RT: 12.35 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

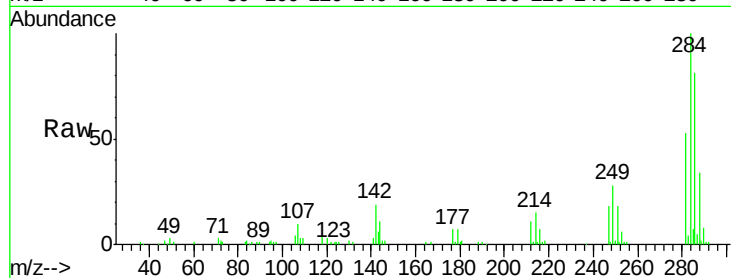
ClientSampleId :

PB81931BS

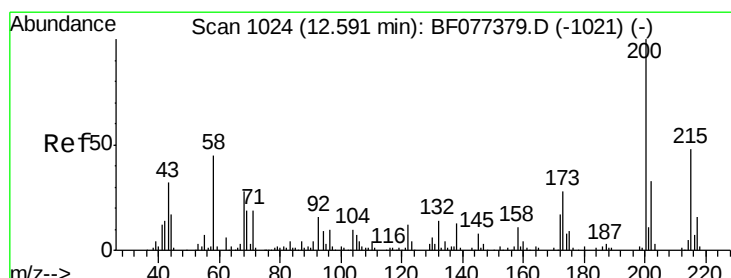
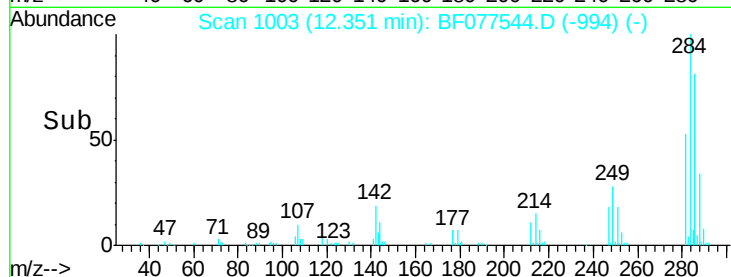
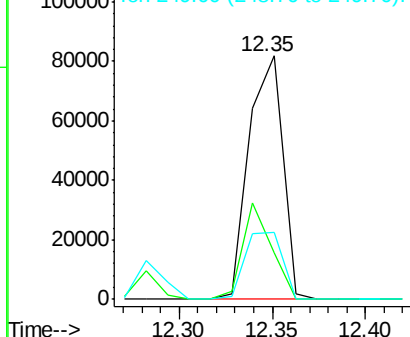
Tgt Ion:	284	Resp:	102754
Ion Ratio	Lower	Upper	
284	100		
142	19.1	31.6	47.4#
249	27.5	27.0	40.4

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



#68

Atrazine

Concen: 29.45 ng

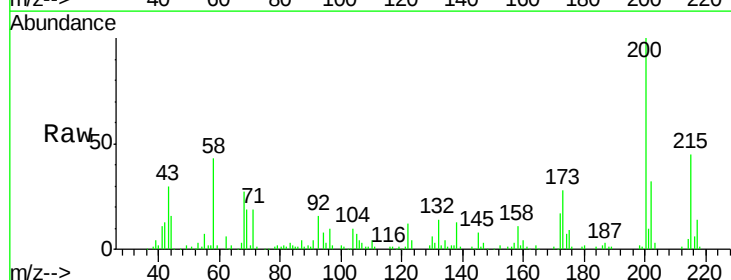
RT: 12.50 min Scan# 1016

Delta R.T. -0.00 min

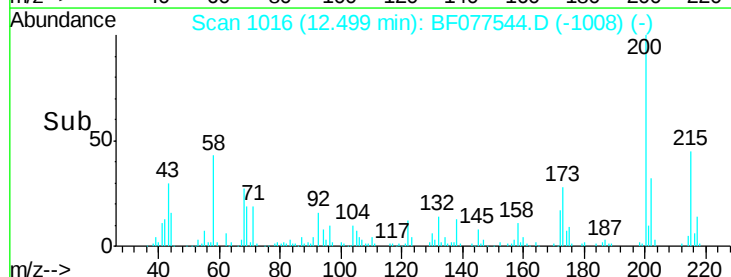
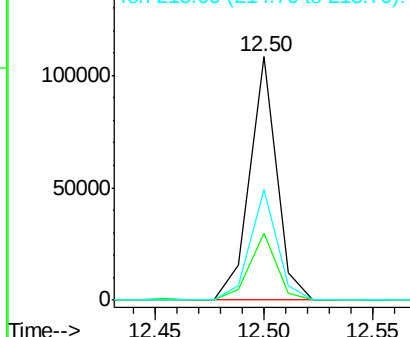
Lab File: BF077544.D

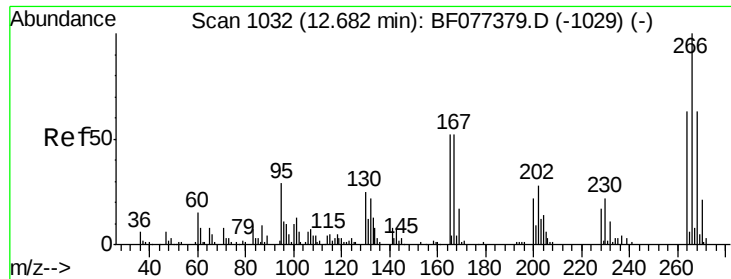
Acq: 3 Mar 2015 14:31

Tgt Ion:	200	Resp:	93679
Ion Ratio	Lower	Upper	
200	100		
173	27.7	9.6	49.6
215	45.4	24.4	64.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





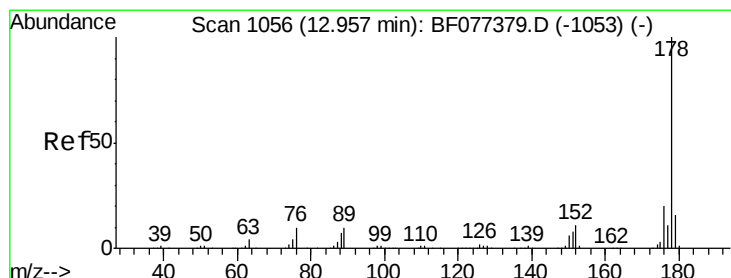
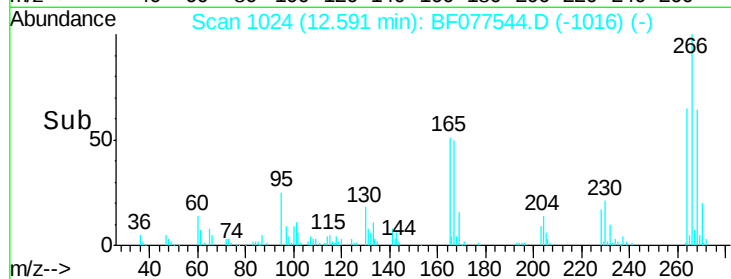
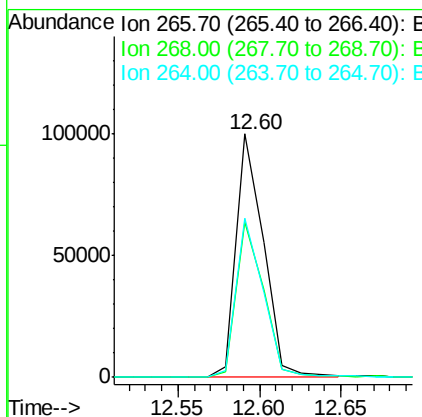
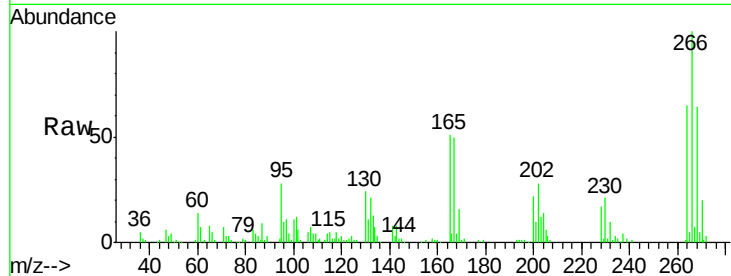
#69
 Pentachlorophenol
 Concen: 59.55 ng
 RT: 12.60 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116007		
268	63.6	51.2	76.8	
264	65.1	50.7	76.1	

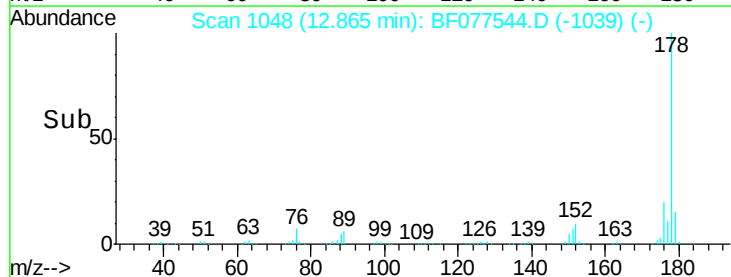
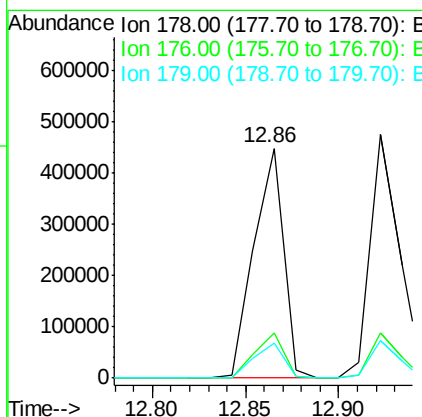
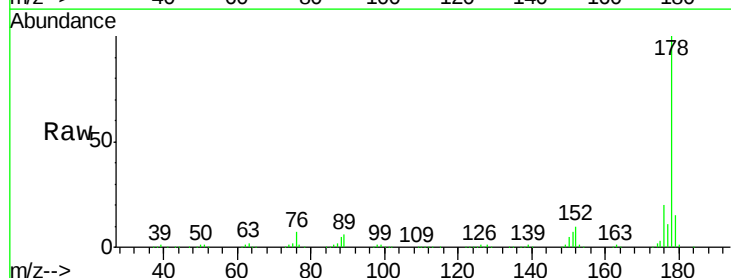
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#70
 Phenanthrene
 Concen: 28.87 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	493449		
176	19.6	15.5	23.3	
179	15.3	12.2	18.2	





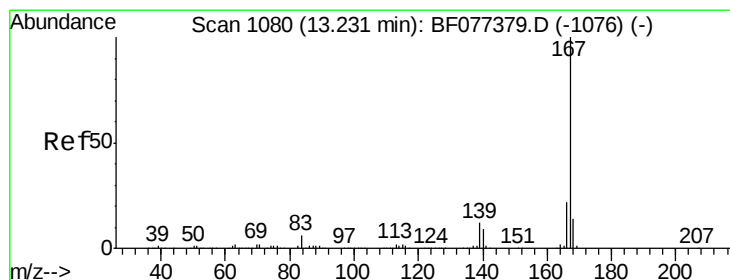
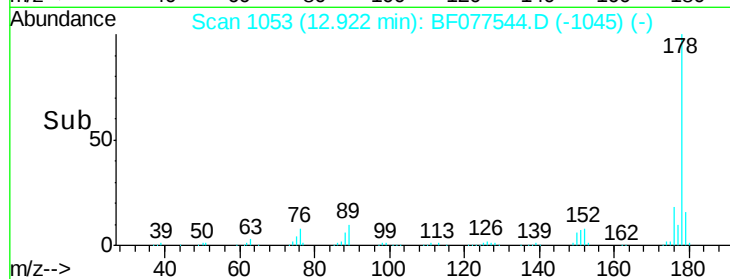
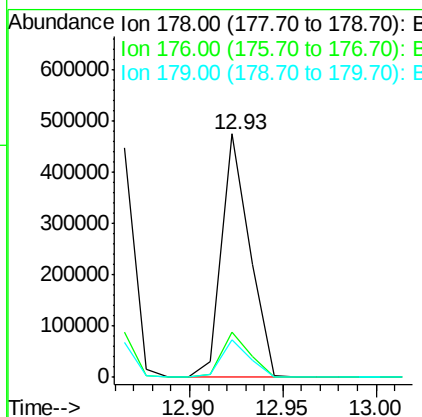
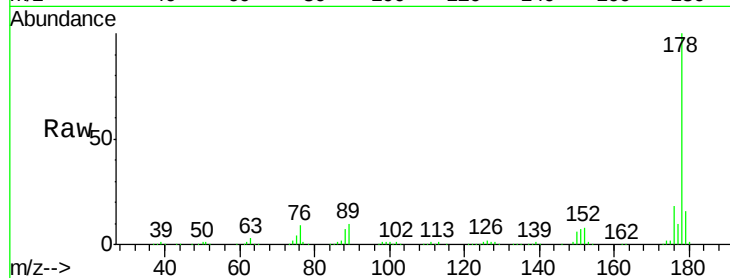
#71
 Anthracene
 Concen: 29.48 ng
 RT: 12.93 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.5	12.9	19.3

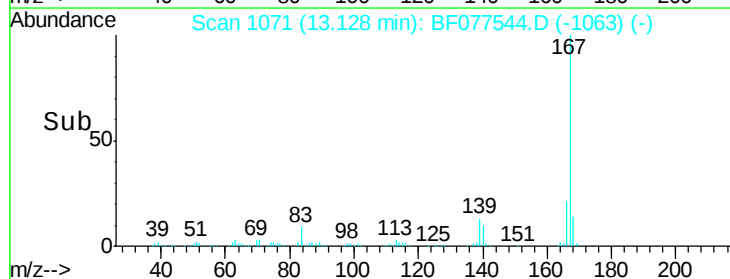
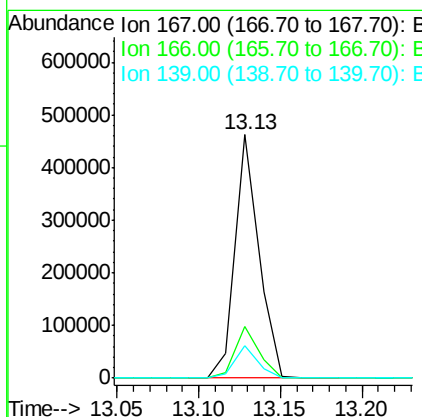
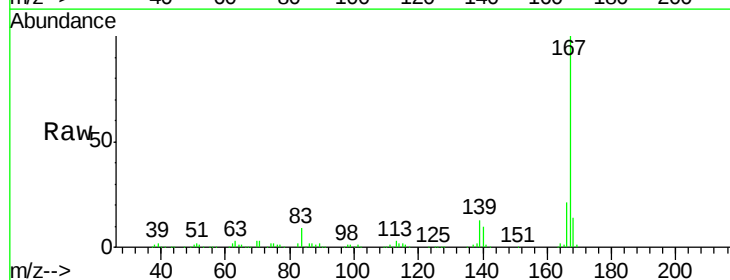
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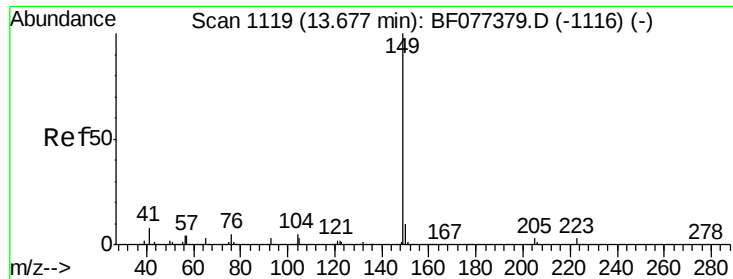
mohammad
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#72
 Carbazole
 Concen: 28.83 ng
 RT: 13.13 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.1	9.9	14.9





#73

Di-n-butylphthalate

Concen: 26.41 ng

RT: 13.58 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Instrument :

BNA_F

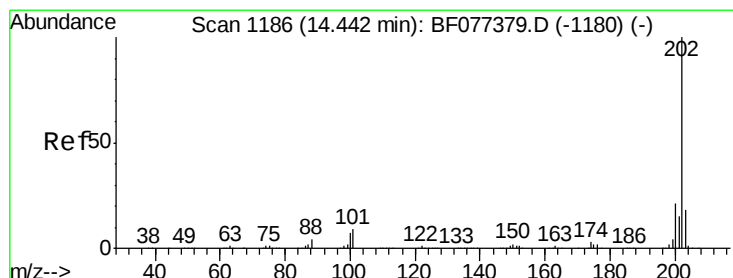
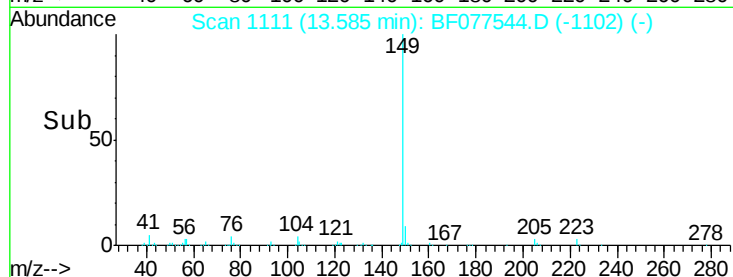
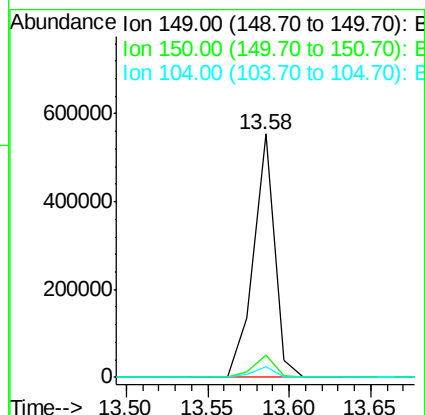
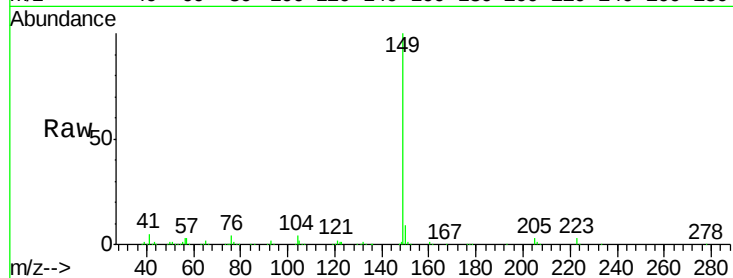
ClientSampleId :

PB81931BS

Tgt	Ion	149	Resp:	500082
Ion	Ratio	100	Lower	Upper
149	100			
150	8.9	7.8	11.8	
104	4.3	4.1	6.1	

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#74

Fluoranthene

Concen: 28.19 ng

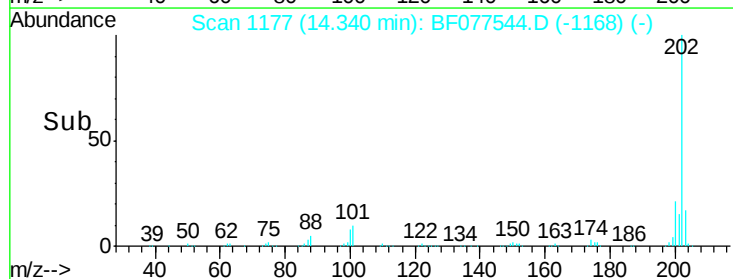
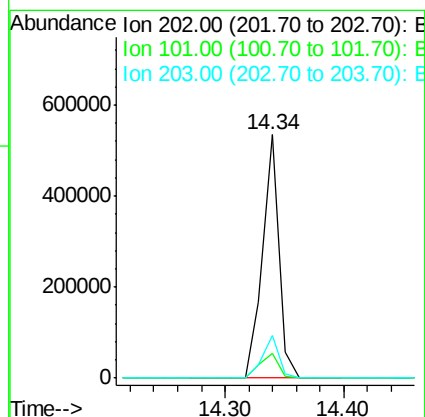
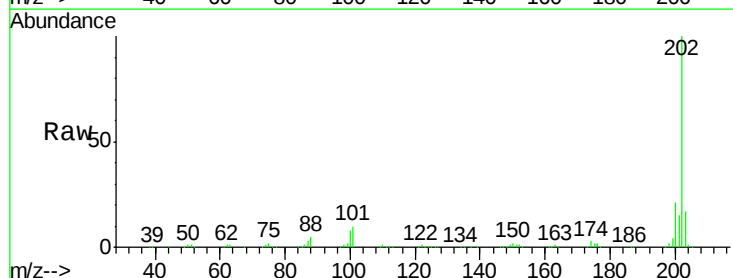
RT: 14.34 min Scan# 1177

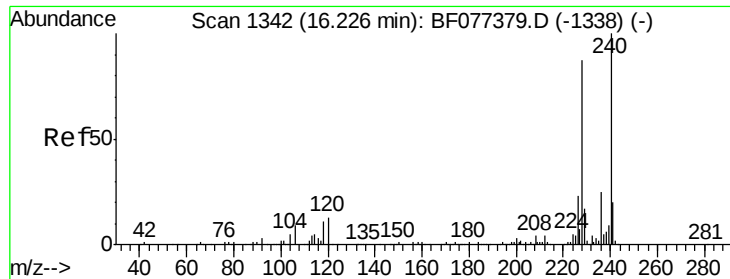
Delta R.T. -0.00 min

Lab File: BF077544.D

Acq: 3 Mar 2015 14:31

Tgt	Ion	202	Resp:	526342
Ion	Ratio	100	Lower	Upper
202	100			
101	10.2	0.0	30.8	
203	17.4	0.0	37.7	





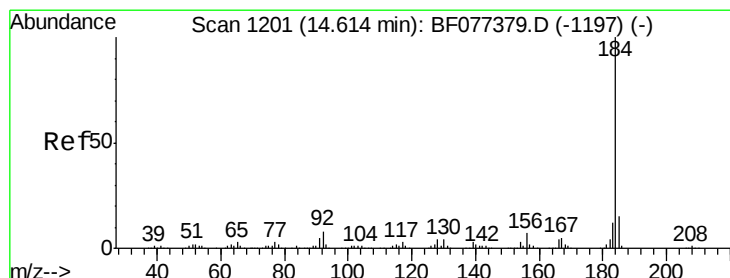
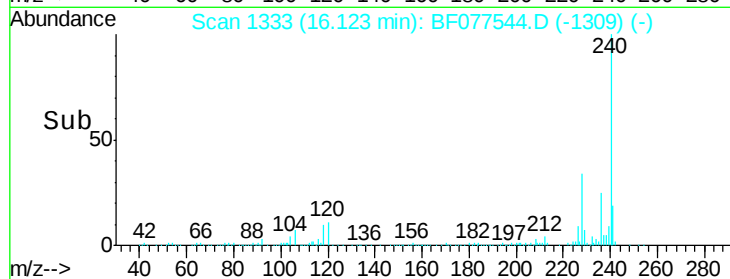
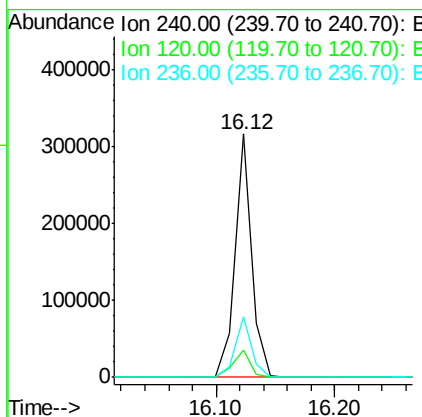
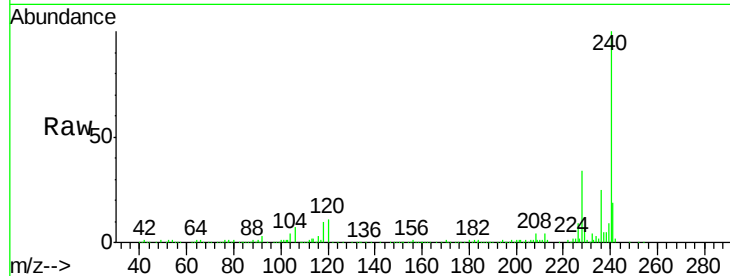
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309150		
120	11.2	8.8	13.2	
236	25.0	20.7	31.1	

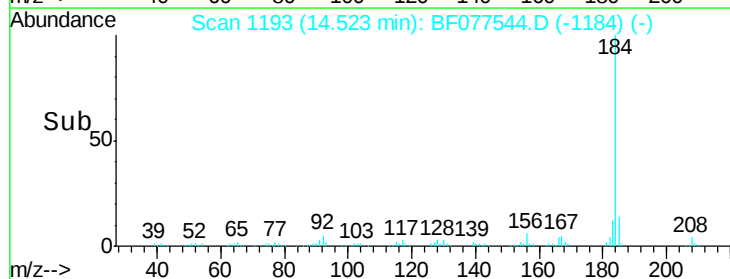
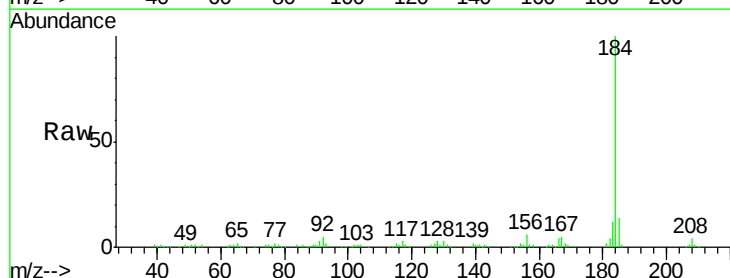
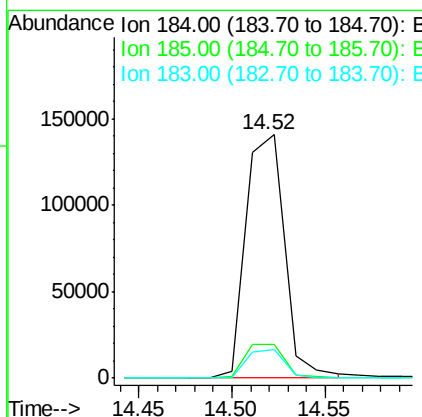
Manual Integrations
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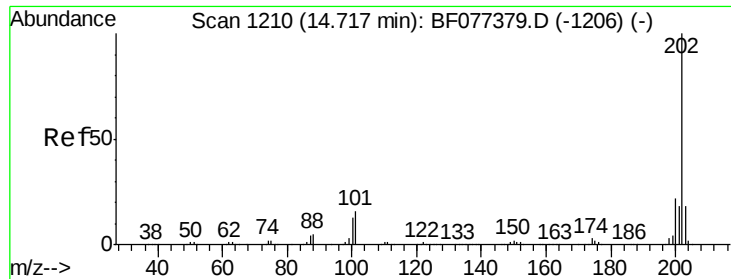
mohammad
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#76
Benzidine
Concen: 19.36 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202194		
185	14.1	12.6	18.8	
183	12.0	9.3	13.9	





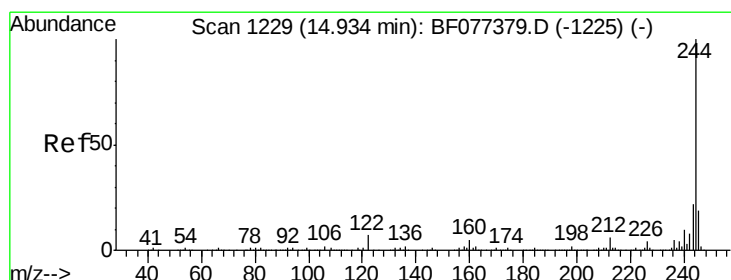
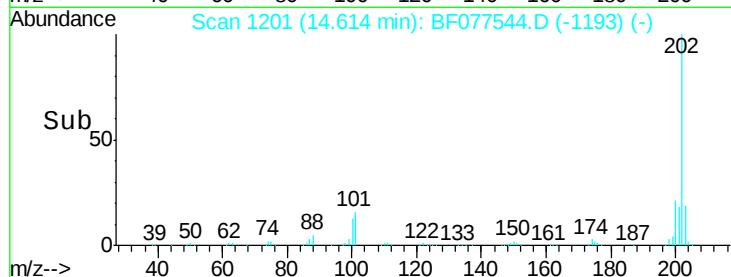
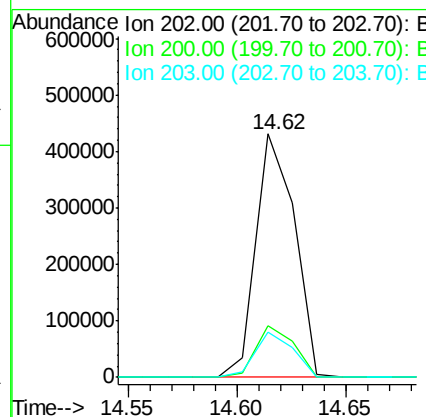
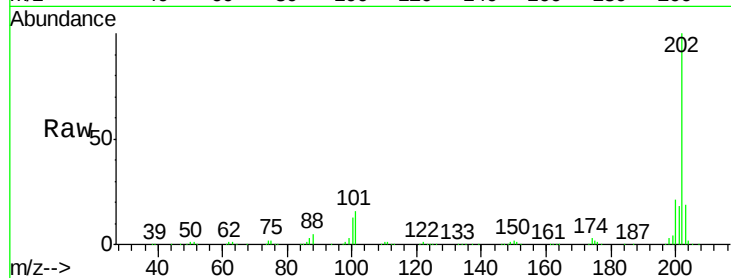
#77
 Pyrene
 Concen: 28.33 ng
 RT: 14.62 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	535728		
200	21.1	17.1	25.7	
203	18.5	14.2	21.2	

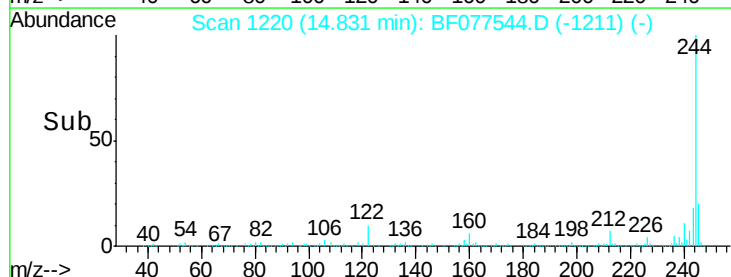
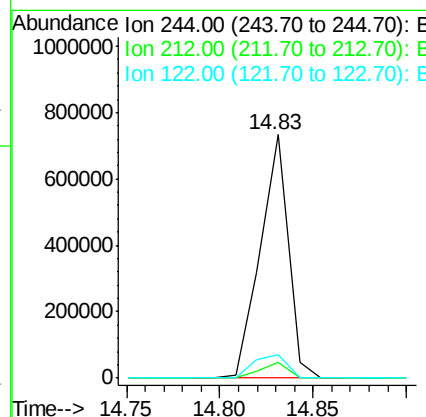
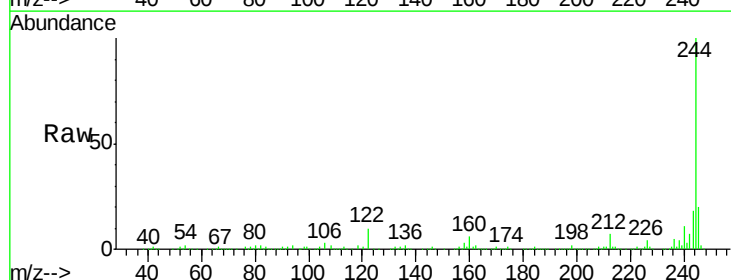
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#78
 Terphenyl-d14
 Concen: 57.40 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	759012		
212	6.6	5.2	7.8	
122	9.6	7.8	11.8	





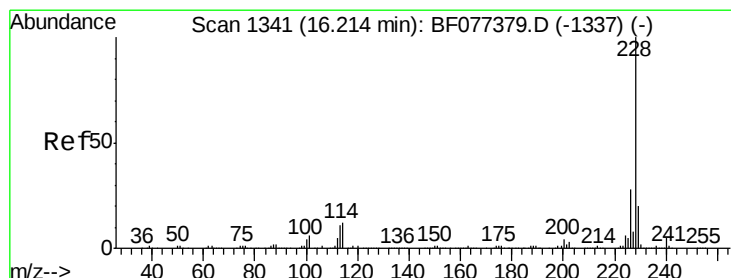
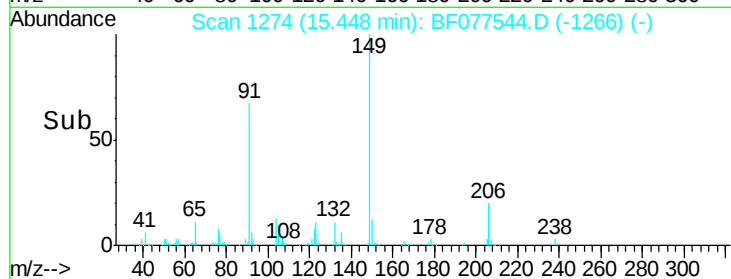
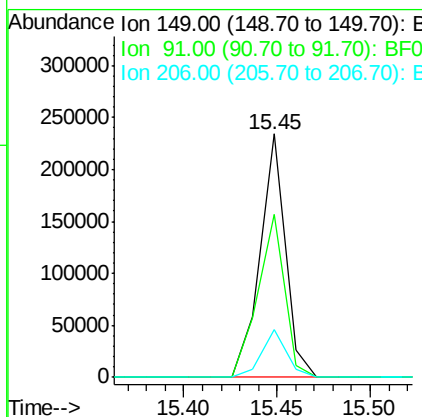
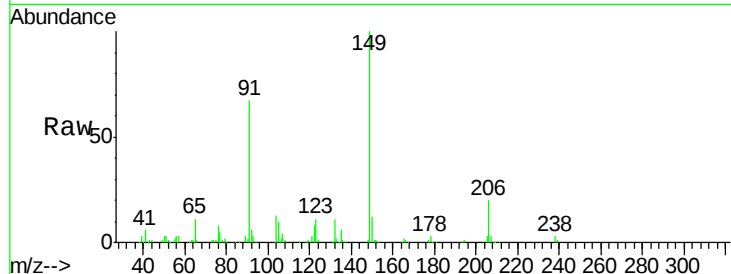
#79
Butylbenzylphthalate
Concen: 28.19 ng
RT: 15.45 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	219302		
91	67.1	51.2	76.8	
206	19.9	17.8	26.8	

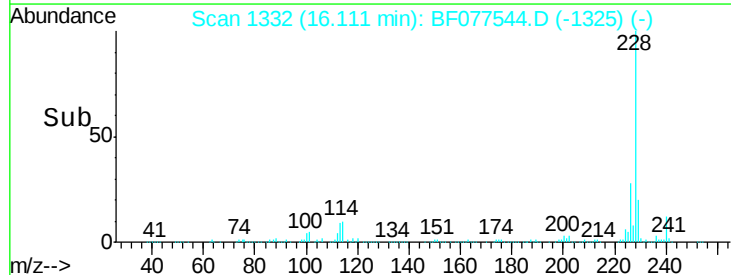
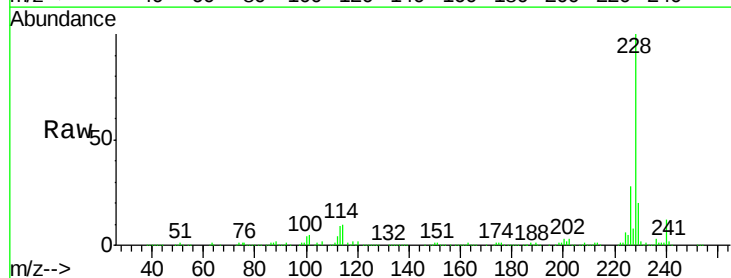
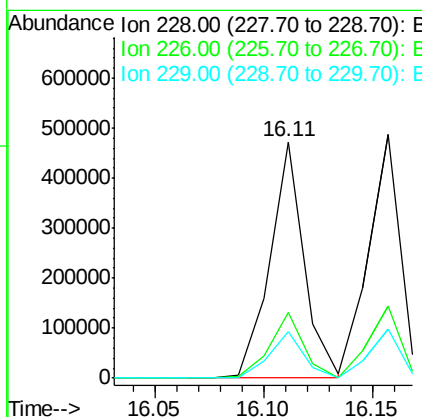
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#80
Benzo(a)anthracene
Concen: 28.45 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	515548		
226	27.7	22.0	33.0	
229	19.7	15.8	23.8	





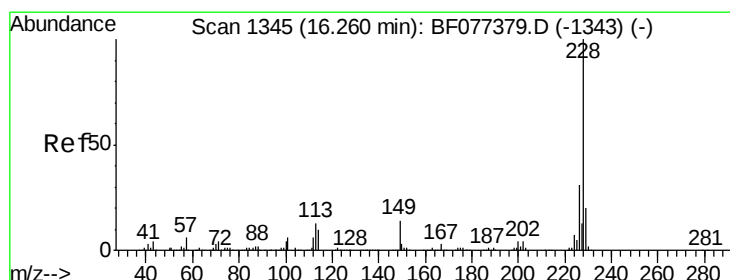
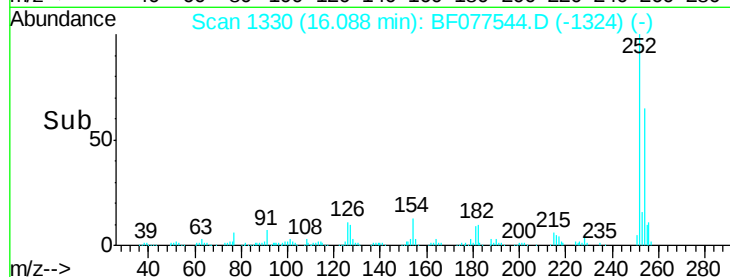
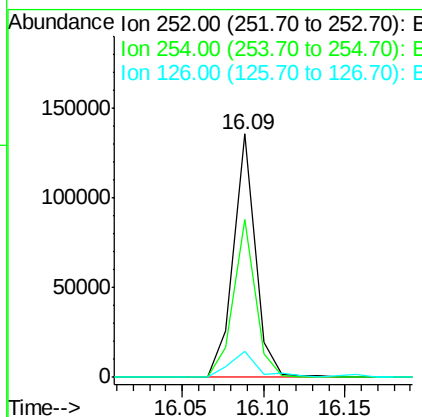
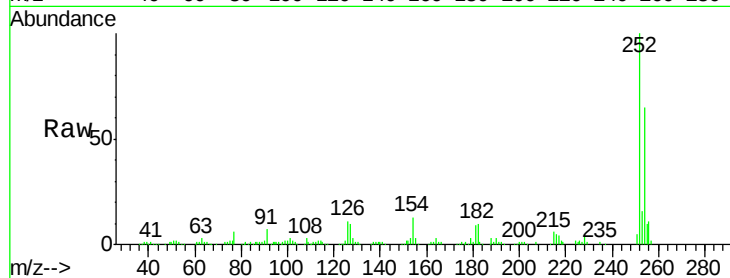
#81
 3,3'-Dichlorobenzidine
 Concen: 19.00 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	126139		
254	64.8	52.9	79.3	
126	10.9	7.3	10.9	

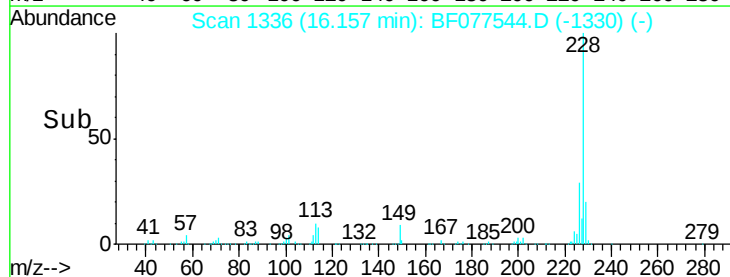
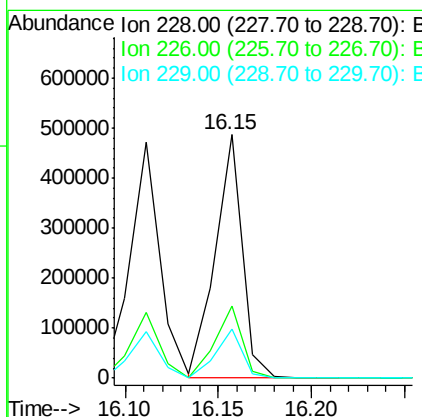
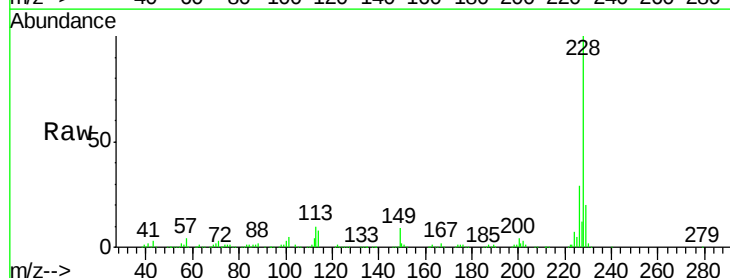
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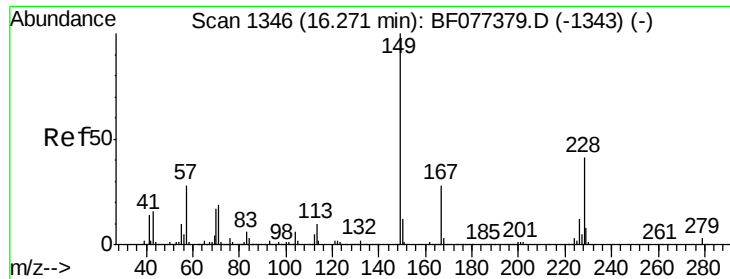
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#82
 Chrysene
 Concen: 28.88 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. -0.03 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	491312		
226	29.4	24.9	37.3	
229	20.0	16.4	24.6	





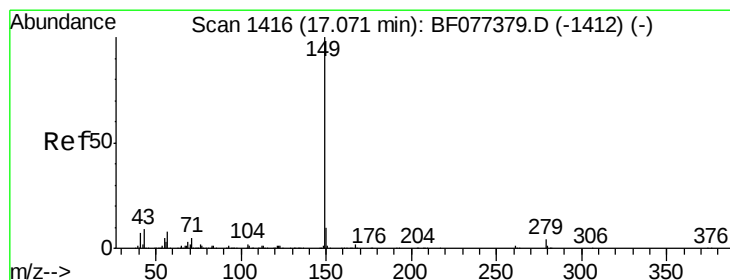
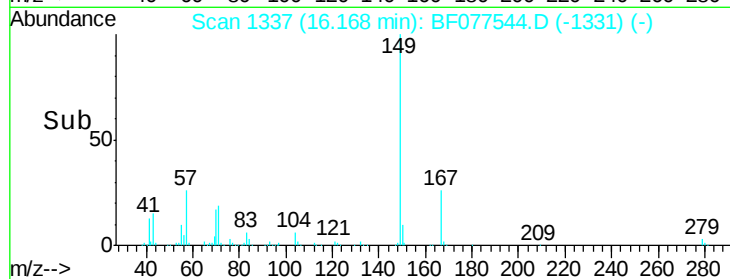
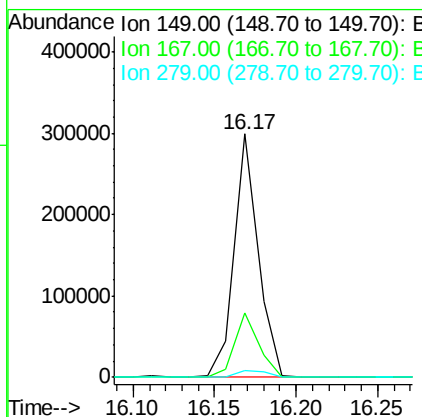
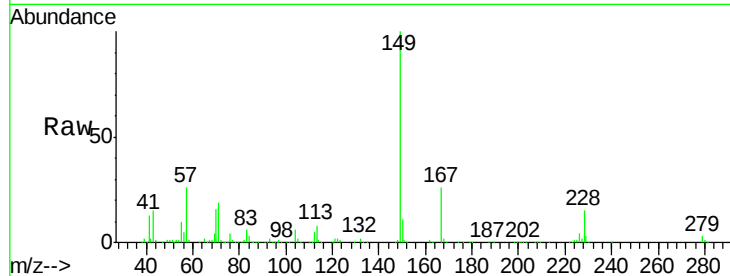
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.24 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	302410		
167	26.2	22.8	34.2	
279	2.9	3.8	5.6	

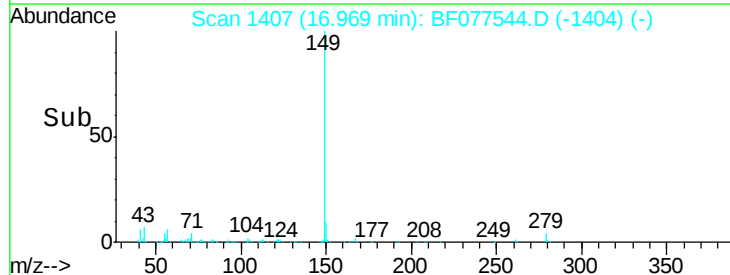
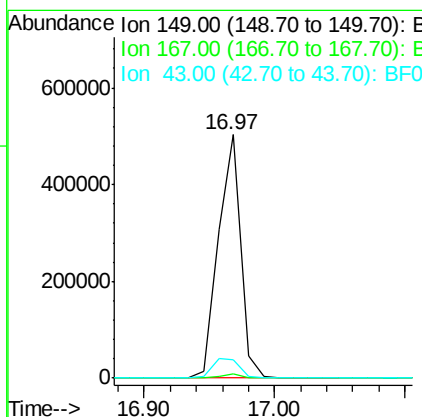
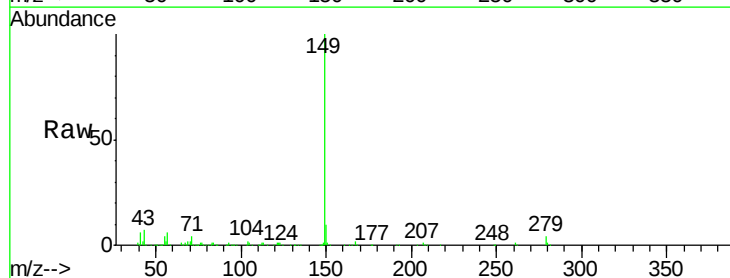
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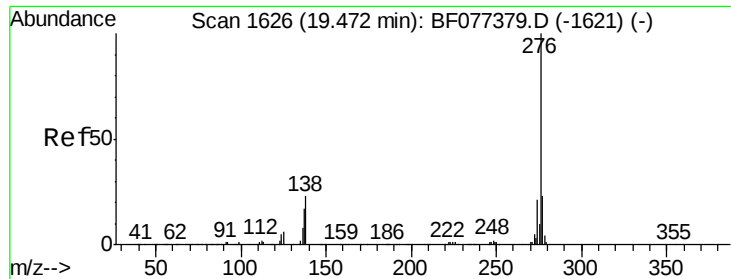
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#84
 Di-n-octyl phthalate
 Concen: 28.81 ng
 RT: 16.97 min Scan# 1407
 Delta R.T. -0.07 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	600074		
167	1.6	1.3	1.9	
43	9.3	8.1	12.1	





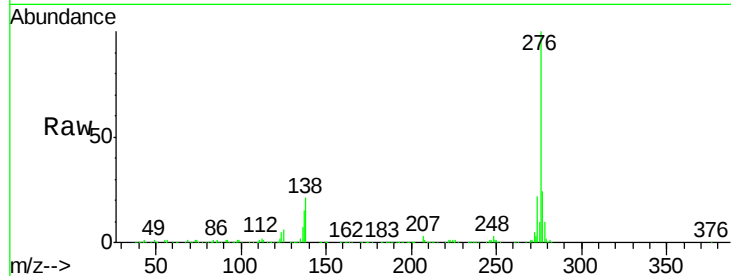
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.33 ng m
RT: 19.30 min Scan# 1611
Delta R.T. -0.14 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

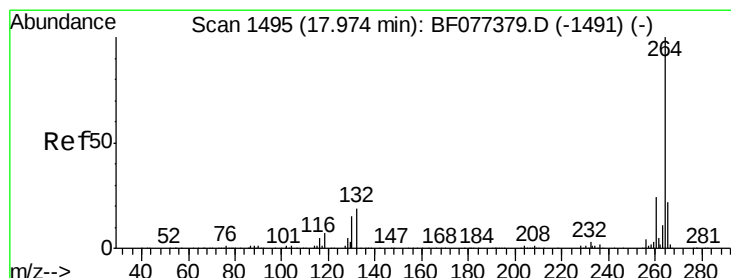
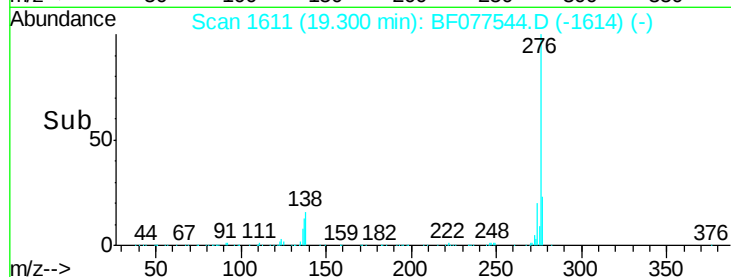
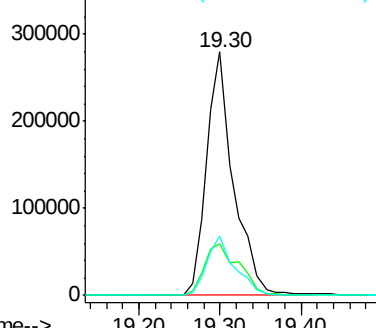
Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#

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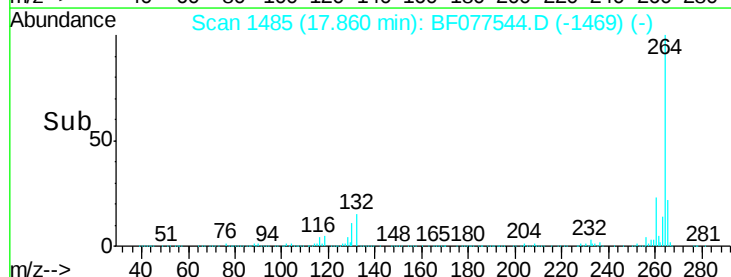
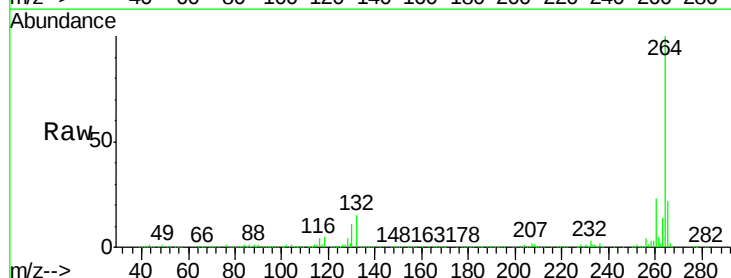
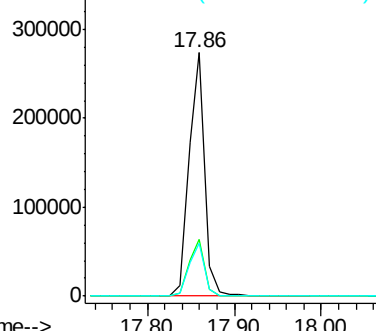
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

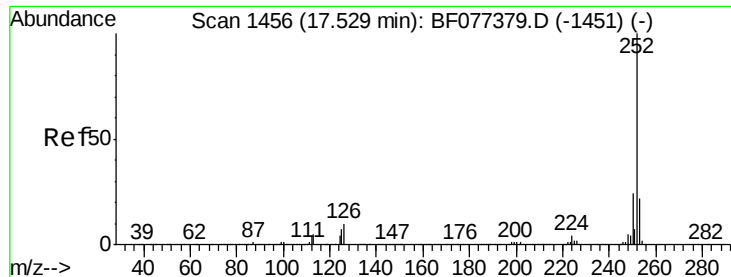


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. -0.12 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.9	16.8	25.2

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





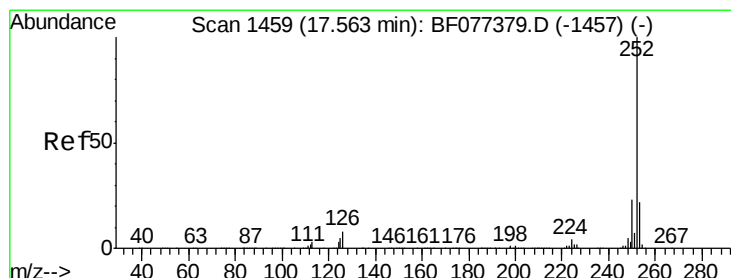
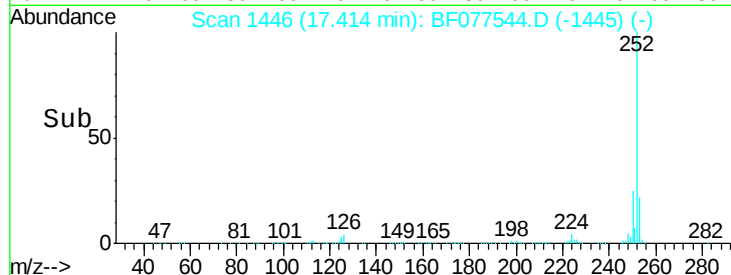
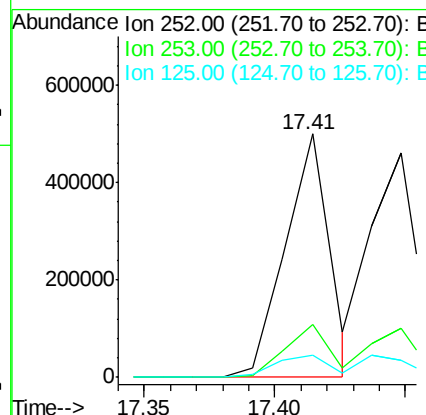
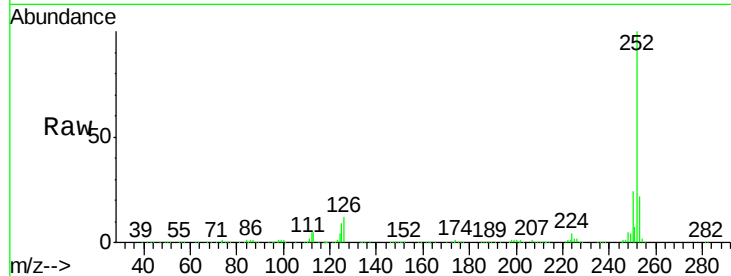
#87
Benzo(b)fluoranthene
Concen: 29.18 ng
RT: 17.41 min Scan# 1446
Delta R.T. -0.09 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	5.4	8.2#

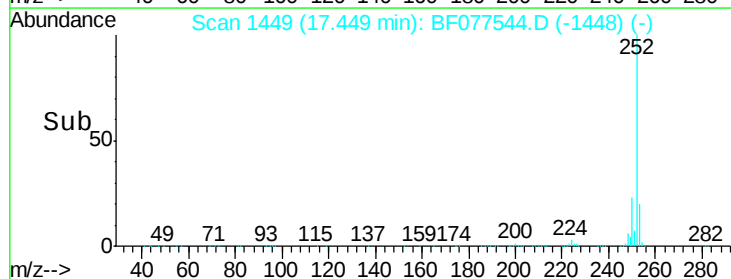
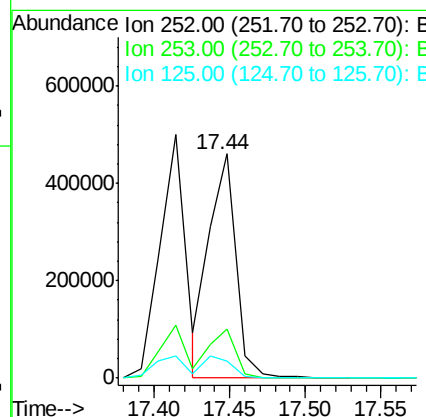
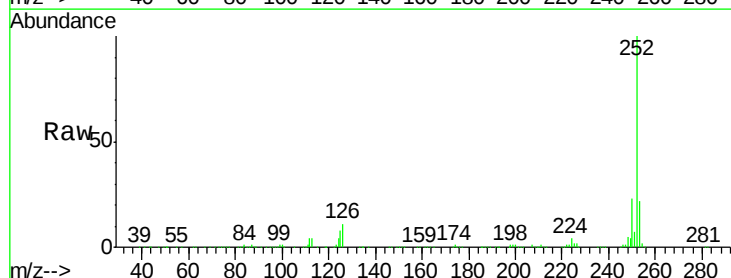
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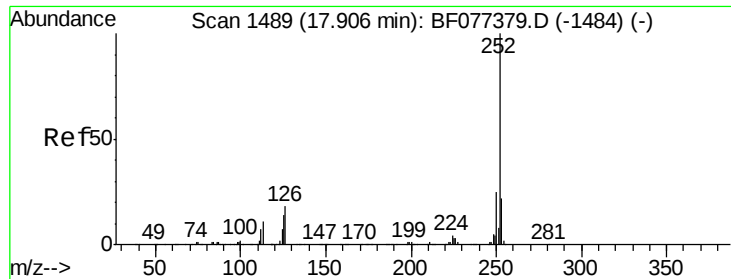
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#88
Benzo(k)fluoranthene
Concen: 29.06 ng m
RT: 17.45 min Scan# 1449
Delta R.T. -0.09 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.6	10.1	15.1#





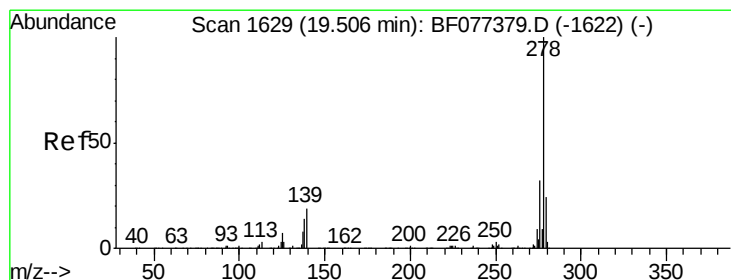
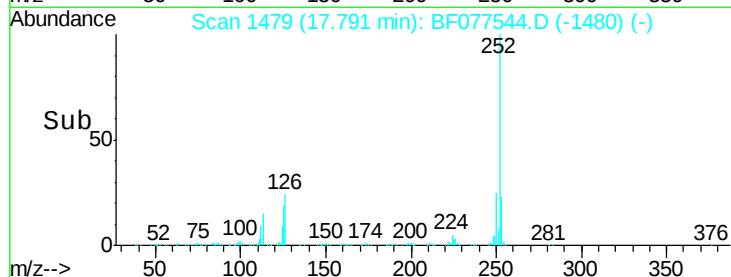
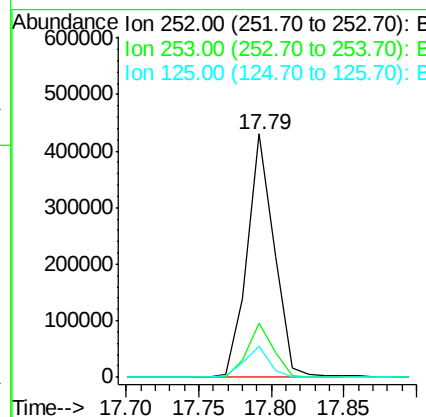
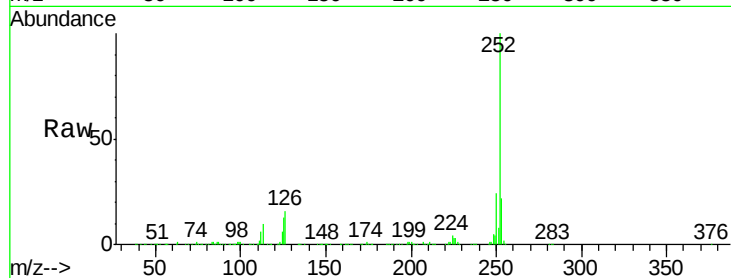
#89
Benzo(a)pyrene
Concen: 29.08 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.11 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	557749		
253	22.2	18.2	27.2	
125	12.7	8.3	12.5#	

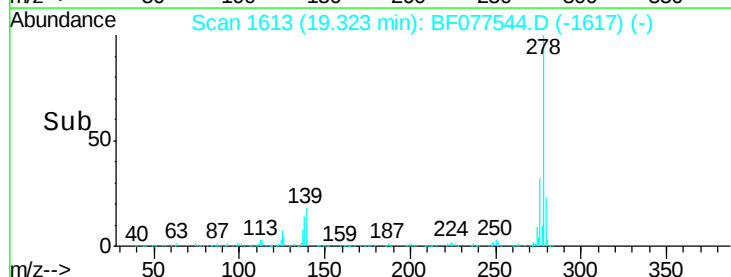
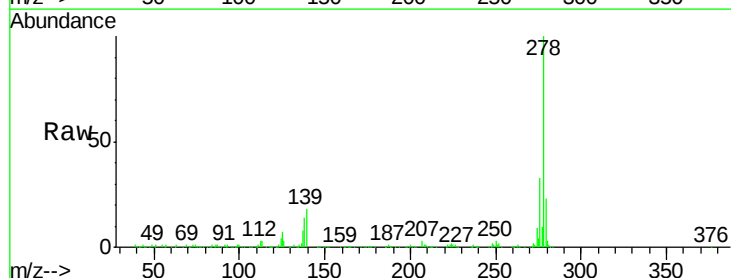
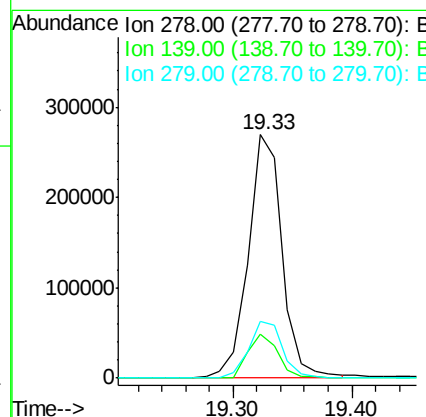
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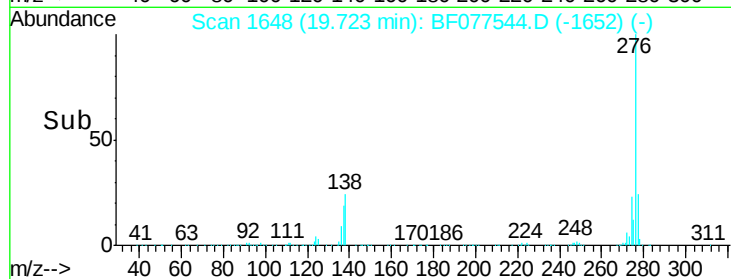
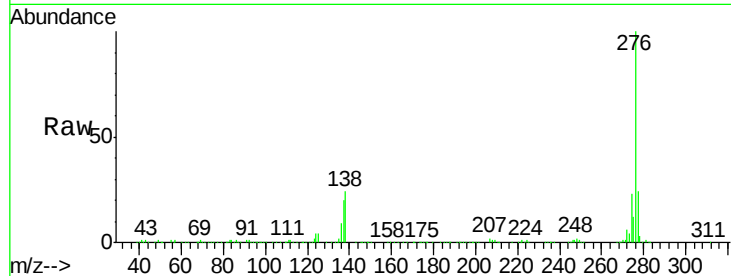
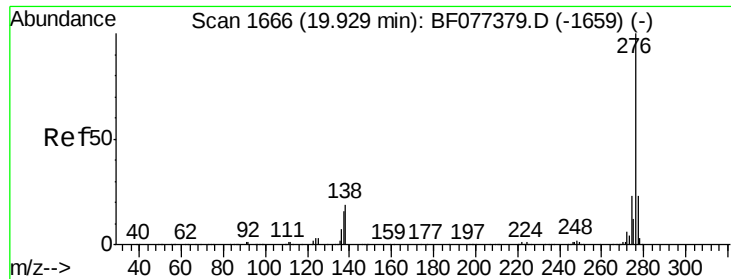
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#90
Dibenzo(a,h)anthracene
Concen: 29.23 ng
RT: 19.33 min Scan# 1613
Delta R.T. -0.14 min
Lab File: BF077544.D
Acq: 3 Mar 2015 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	534599		
139	18.3	14.3	21.5	
279	23.5	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 29.76 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.14 min
 Lab File: BF077544.D
 Acq: 3 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.9	28.3
138	23.6	20.5	30.7

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