

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077586.D
 Acq On : 4 Mar 2015 17:15
 Operator : TP/IZ
 Sample : PB81974BS
 Misc : W
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Manual Integrations
 APPROVED

mohammad
 3/5/2015 12:47:46 PM

Quant Time: Mar 04 23:38:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60558	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	247540	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	123201	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	226690	20.00	ng	0.00
75) Chrysene-d12	16.11	240	252356	20.00	ng	0.00
86) Perylene-d12	17.88	264	253255	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	413304	113.94	ng	0.00
7) Phenol-d6	6.79	99	500225	107.25	ng	0.00
23) Nitrobenzene-d5	7.91	82	301968	75.86	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	131473	110.83	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	609706	77.17	ng	0.00
78) Terphenyl-d14	14.81	244	718337	66.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	50227	32.63	ng	98
3) Pyridine	2.90	79	145957	33.14	ng	100
4) n-Nitrosodimethylamine	2.81	42	67928	35.48	ng	99
6) Aniline	6.81	93	116311	18.04	ng	# 48
8) 2-Chlorophenol	6.95	128	146182	34.16	ng	89
9) Benzaldehyde	6.67	77	24425	8.63	ng	98
10) Phenol	6.80	94	172117	31.10	ng	# 59
11) bis(2-Chloroethyl)ether	6.91	93	129834	32.65	ng	88
12) 1,3-Dichlorobenzene	7.15	146	147940	31.75	ng	# 89
13) 1,4-Dichlorobenzene	7.24	146	150932	31.84	ng	97
14) 1,2-Dichlorobenzene	7.43	146	147267	32.66	ng	98
15) Benzyl Alcohol	7.40	79	118485	33.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	184662	32.49	ng	96
17) 2-Methylphenol	7.55	107	115319	34.48	ng	97
18) Hexachloroethane	7.85	117	52876	33.40	ng	96
19) n-Nitroso-di-n-propylamine	7.74	70	94949	32.06	ng	92
20) 3+4-Methylphenols	7.74	107	150842	34.24	ng	# 75
22) Acetophenone	7.73	105	199591	34.28	ng	# 86
24) Nitrobenzene	7.94	77	147704	35.27	ng	91
25) Isophorone	8.24	82	258753	32.76	ng	96
26) 2-Nitrophenol	8.33	139	64594	37.63	ng	90
27) 2,4-Dimethylphenol	8.40	122	134475	35.01	ng	99
28) bis(2-Chloroethoxy)methane	8.52	93	163960	32.86	ng	98
29) 2,4-Dichlorophenol	8.63	162	119121	33.04	ng	92
30) 1,2,4-Trichlorobenzene	8.73	180	123180	31.08	ng	97
31) Naphthalene	8.83	128	405667	32.77	ng	98
32) Benzoic acid	8.49	122	63344	33.94	ng	97
33) 4-Chloroaniline	8.90	127	104175	18.93	ng	# 94
34) Hexachlorobutadiene	8.98	225	69768	30.83	ng	99
35) Caprolactam	9.32	113	37900	34.44	ng	90
36) 4-Chloro-3-methylphenol	9.51	107	118683	32.75	ng	94
37) 2-Methylnaphthalene	9.68	142	286438	32.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	123824	35.03	ng	98
40) Hexachlorocyclopentadiene	9.88	237	114633	60.48	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	84316	36.02	ng	97
43) 2,4,5-Trichlorophenol	10.08	196	89422	35.72	ng #	81
45) 1,1'-Biphenyl	10.27	154	336627	36.07	ng	98
46) 2-Chloronaphthalene	10.29	162	258884	35.36	ng	99
47) 2-Nitroaniline	10.42	65	76854	42.65	ng #	77
48) Acenaphthylene	10.80	152	422484	36.46	ng	100
49) Dimethylphthalate	10.66	163	303758	35.08	ng	98
50) 2,6-Dinitrotoluene	10.73	165	68748	39.58	ng #	78
51) Acenaphthene	11.01	154	249861	36.13	ng	99
52) 3-Nitroaniline	10.93	138	50513	25.23	ng	93
53) 2,4-Dinitrophenol	11.06	184	43914	83.10	ng #	66
54) Dibenzofuran	11.23	168	384673	36.03	ng	97
55) 4-Nitrophenol	11.14	139	117077	72.69	ng #	56
56) 2,4-Dinitrotoluene	11.22	165	88814	37.85	ng #	74
57) Fluorene	11.65	166	307588	36.03	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.38	232	74544	37.04	ng	96
59) Diethylphthalate	11.53	149	283755	33.24	ng	97
60) 4-Chlorophenyl-phenylether	11.66	204	139234	33.85	ng	98
61) 4-Nitroaniline	11.68	138	70929	36.96	ng	98
62) Azobenzene	11.86	77	290577	35.87	ng	97
64) 4,6-Dinitro-2-methylphenol	11.72	198	31371	35.71	ng	75
65) n-Nitrosodiphenylamine	11.81	169	269971	35.89	ng	100
66) 4-Bromophenyl-phenylether	12.27	248	85500	32.21	ng	92
67) Hexachlorobenzene	12.33	284	94390	33.13	ng #	87
68) Atrazine	12.48	200	82376	33.69	ng	93
69) Pentachlorophenol	12.58	266	102989	68.77	ng	99
70) Phenanthrene	12.84	178	453568	34.52	ng	100
71) Anthracene	12.91	178	458591	35.17	ng	98
72) Carbazole	13.11	167	451349	36.41	ng	99
73) Di-n-butylphthalate	13.57	149	460683	31.65	ng	99
74) Fluoranthene	14.32	202	499636	34.81	ng	99
76) Benzidine	14.50	184	222527	26.10	ng	98
77) Pyrene	14.60	202	533590	34.57	ng	98
79) Butylbenzylphthalate	15.43	149	204069	32.13	ng #	84
80) Benzo(a)anthracene	16.09	228	501742	33.92	ng	99
81) 3,3'-Dichlorobenzidine	16.07	252	107853	19.90	ng	97
82) Chrysene	16.14	228	473743	34.11	ng	99
83) Bis(2-ethylhexyl)phthalate	16.16	149	292964	28.77	ng #	96
84) Di-n-octyl phthalate	16.97	149	502651	29.56	ng	99
85) Indeno(1,2,3-cd)pyrene	19.32	276	564008	35.62	ng	99
87) Benzo(b)fluoranthene	17.42	252	493499	33.51	ng #	98
88) Benzo(k)fluoranthene	17.46	252	503682m	34.90	ng	
89) Benzo(a)pyrene	17.82	252	486618	34.69	ng #	98
90) Dibenzo(a,h)anthracene	19.35	278	460276	34.41	ng	99
91) Benzo(g,h,i)perylene	19.74	276	476225	35.27	ng #	94

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

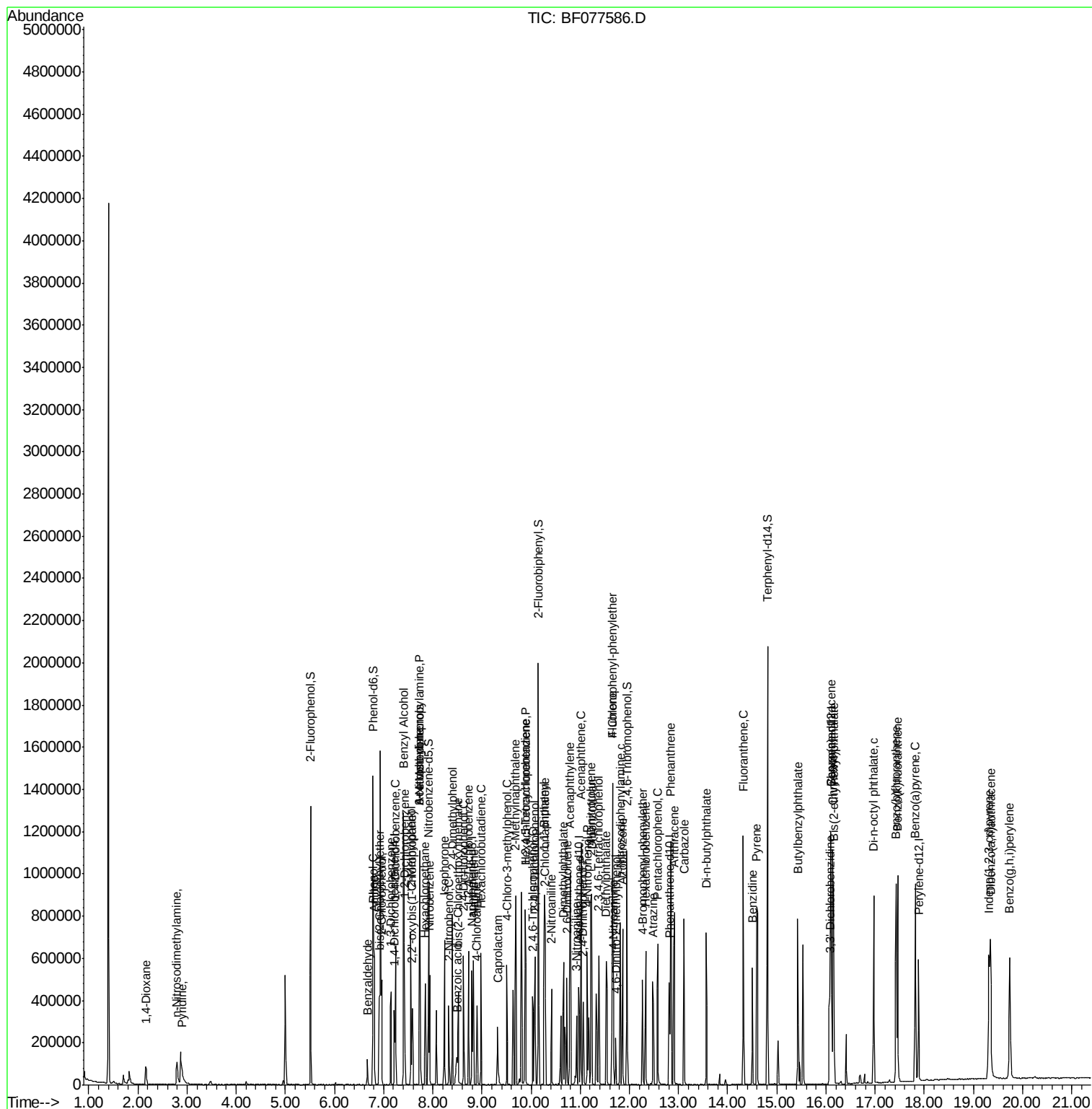
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ALS Vial  : 8 Sample Multiplier: 1
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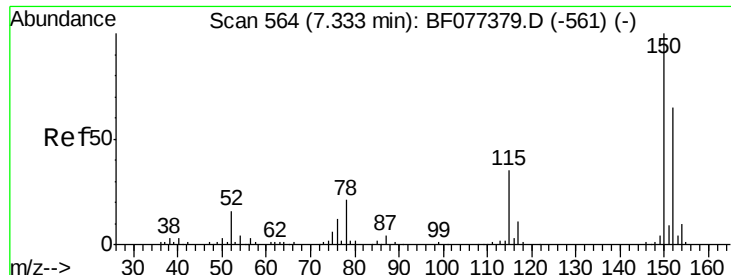
Instrument :
BNA_F
ClientSampleId :
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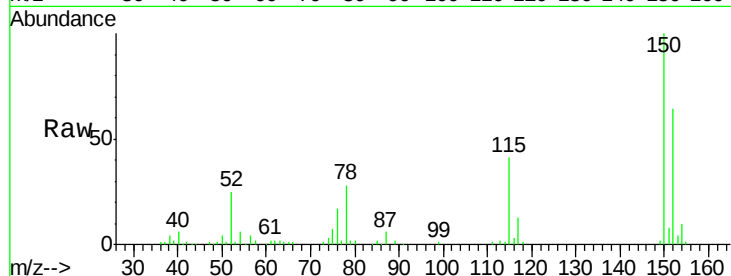




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

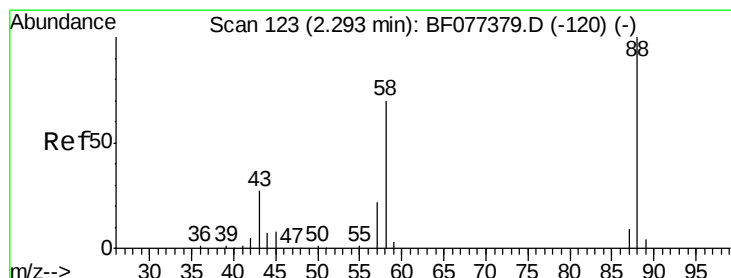
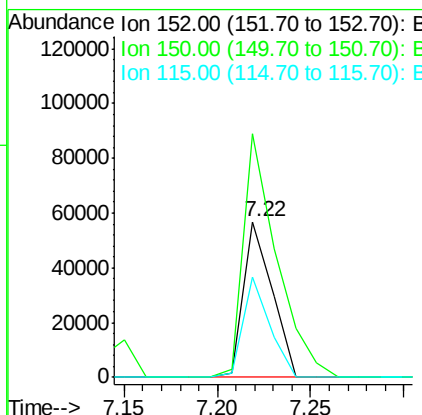
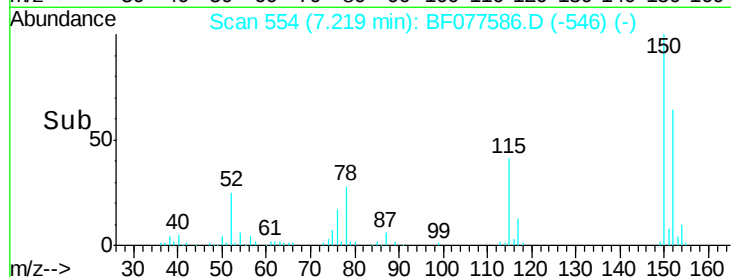
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.0	186.0
115	64.4	49.4	74.2

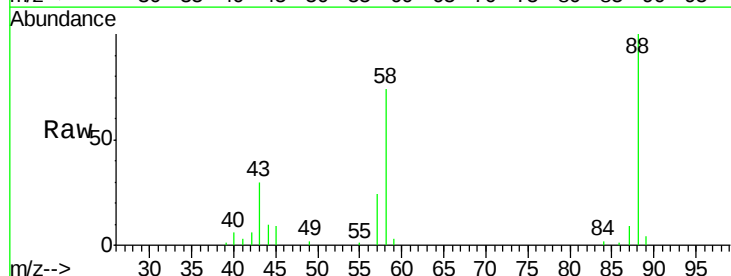
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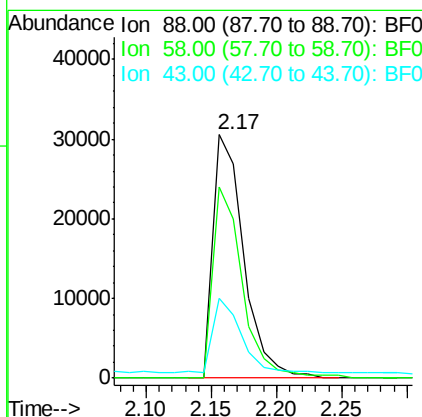
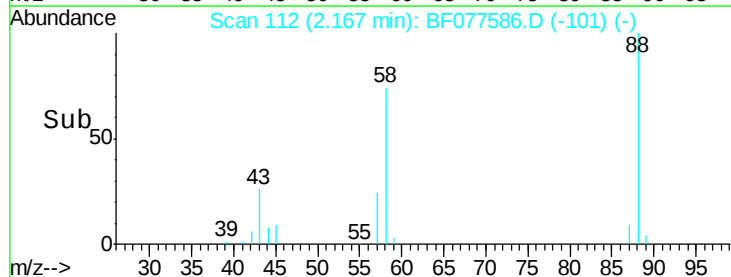


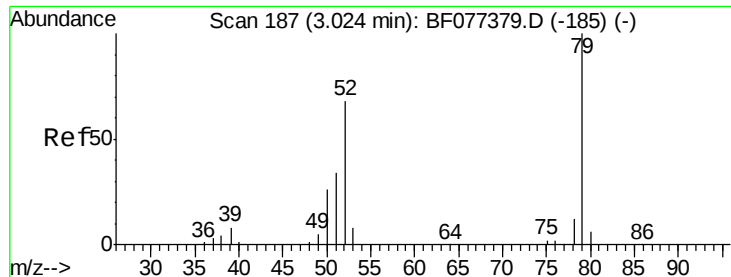
#2

1,4-Dioxane
Concen: 32.63 ng
RT: 2.17 min Scan# 112
Delta R.T. 0.03 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15



Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	62.1	93.1
43	29.0	24.0	36.0





#3

Pyridine

Concen: 33.14 ng

RT: 2.90 min Scan# 177

Delta R.T. 0.04 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

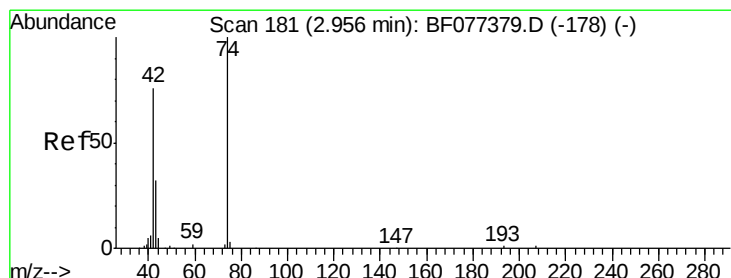
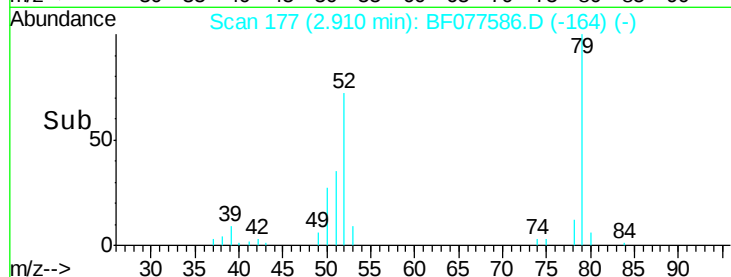
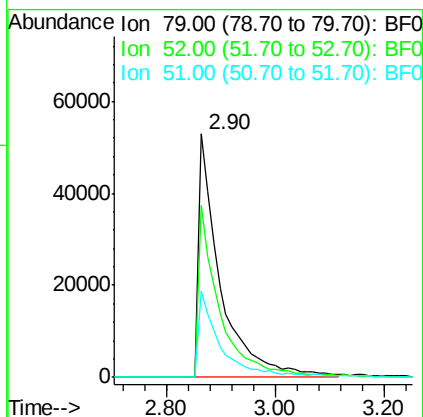
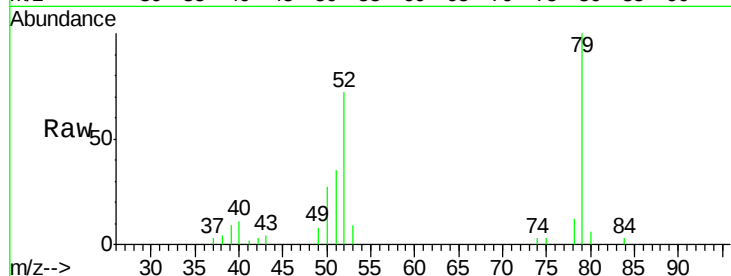
ClientSampleId :

PB81974BS

Tgt Ion:	79	Resp:	145957
Ion	Ratio	Lower	Upper
79	100		
52	72.5	57.7	86.5
51	35.3	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 35.48 ng

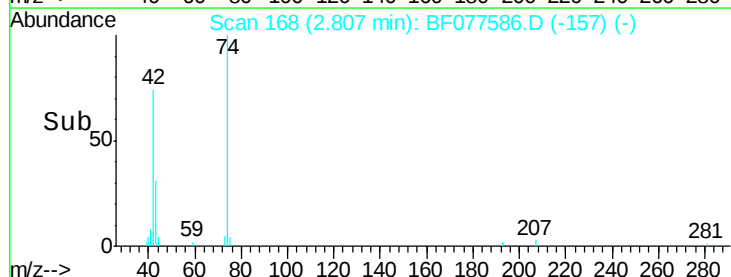
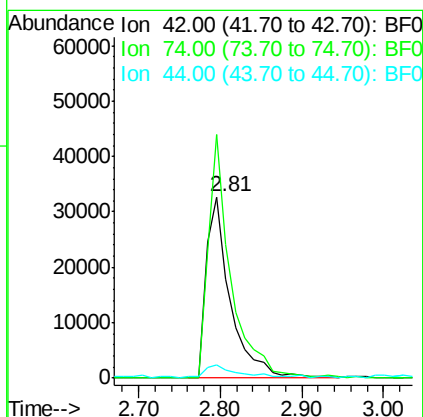
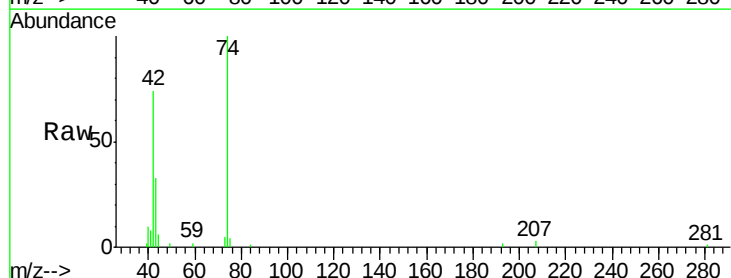
RT: 2.81 min Scan# 168

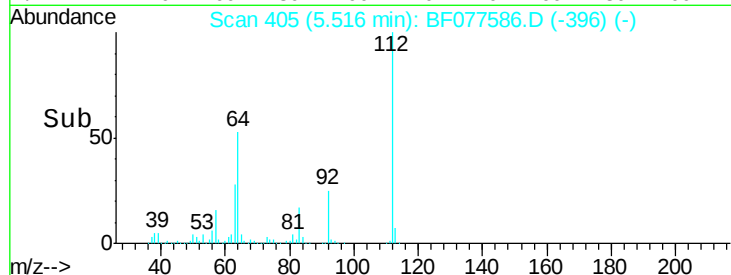
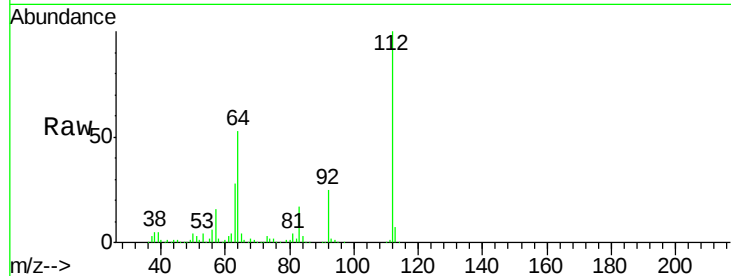
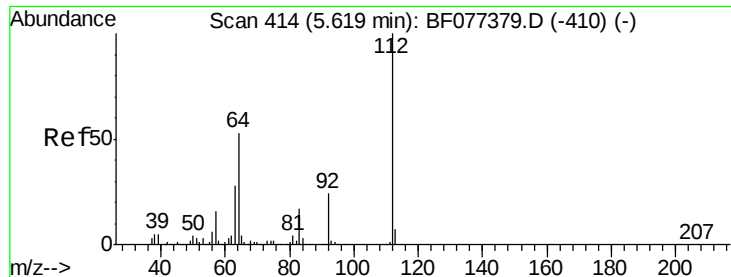
Delta R.T. 0.03 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion:	42	Resp:	67928
Ion	Ratio	Lower	Upper
42	100		
74	135.2	107.1	160.7
44	7.6	6.7	10.1





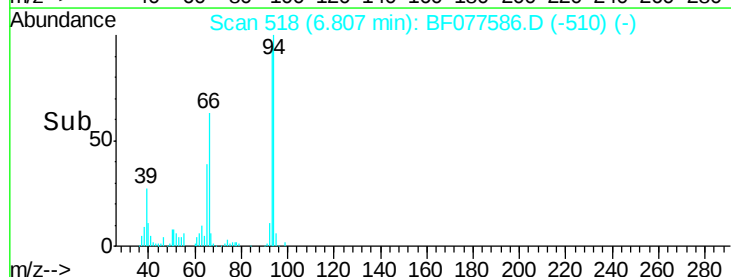
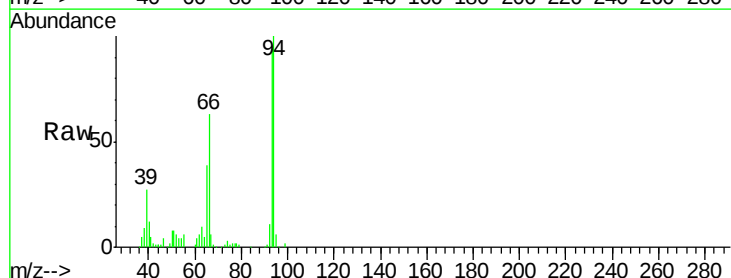
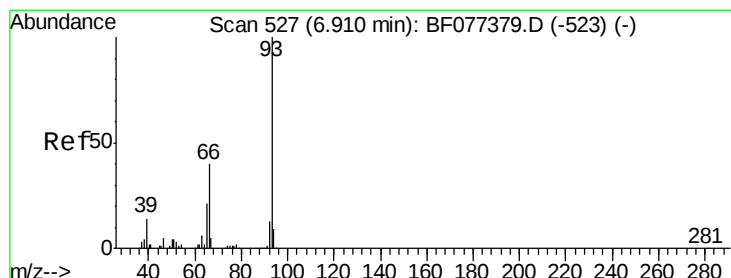
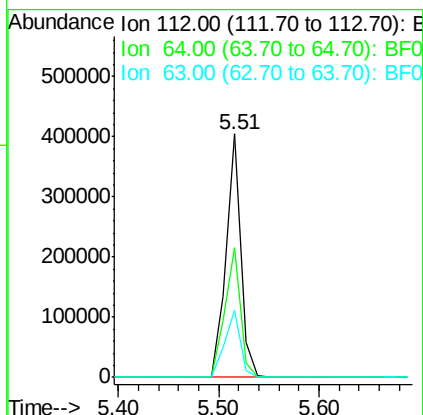
#5
2-Fluorophenol
Concen: 113.94 ng
RT: 5.51 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	413304		
64	53.3	48.5	72.7	
63	27.8	25.0	37.4	

Instrument :
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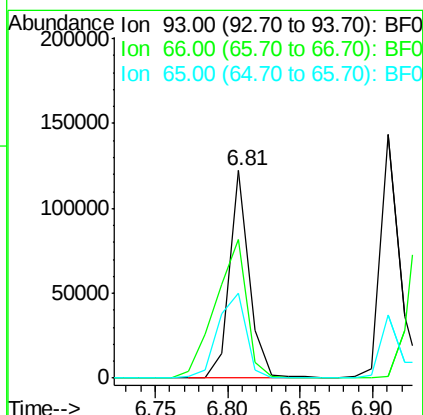
Manual Integrations
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#6
Aniline
Concen: 18.04 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	116311		
66	67.1	29.1	43.7#	
65	41.1	14.6	22.0#	





#7

Phenol-d6

Concen: 107.25 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077586.D

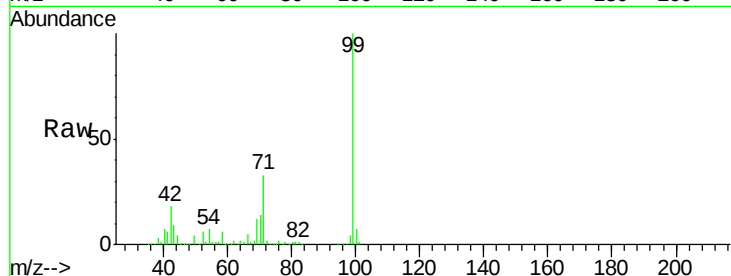
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Instrument :

BNA_F

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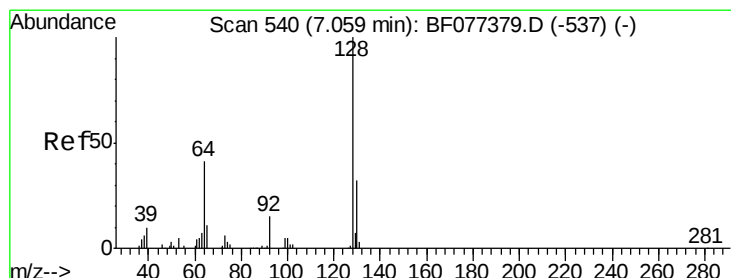
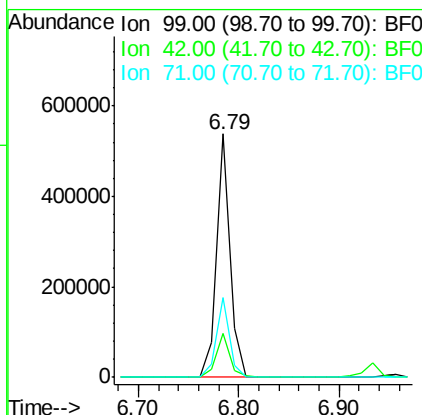
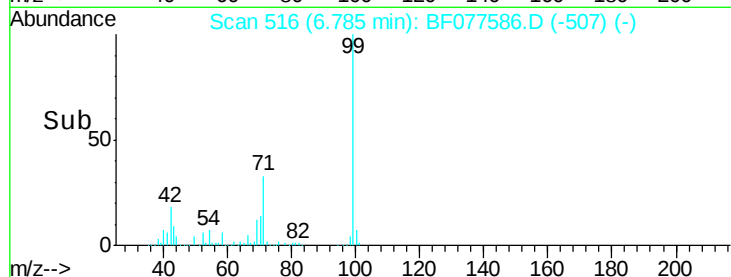
PB81974BS



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	500225		
42	18.1	16.2	24.4	
71	32.9	26.7	40.1	

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#8

2-Chlorophenol

Concen: 34.16 ng

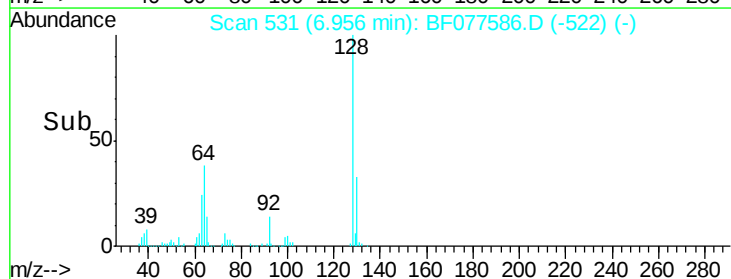
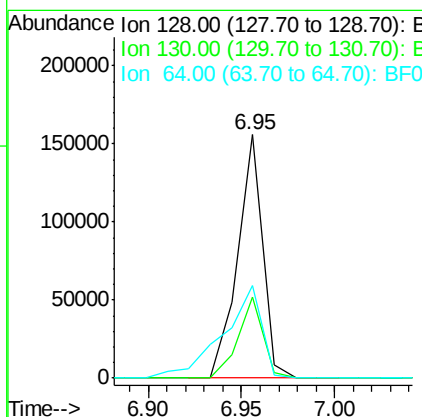
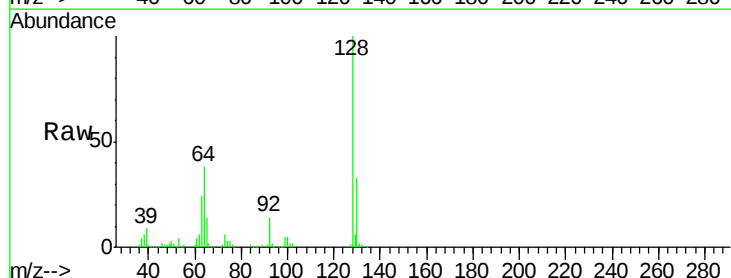
RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	146182		
130	33.1	12.0	52.0	
64	38.1	29.2	69.2	





#9

Benzaldehyde

Concen: 8.63 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

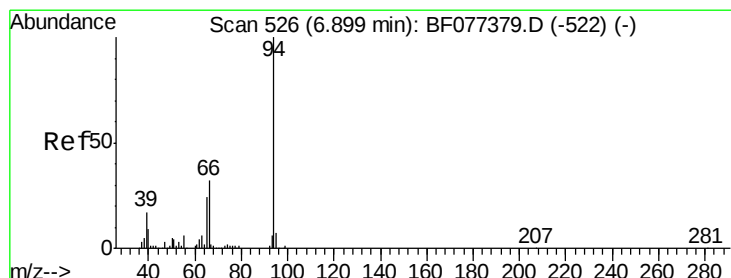
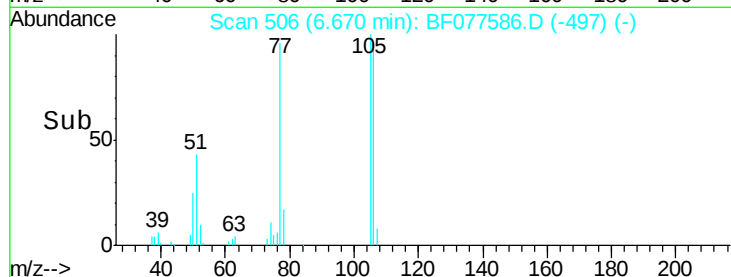
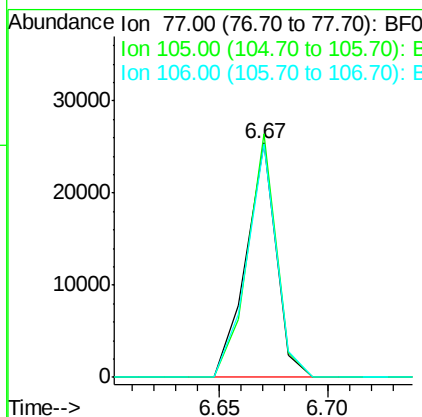
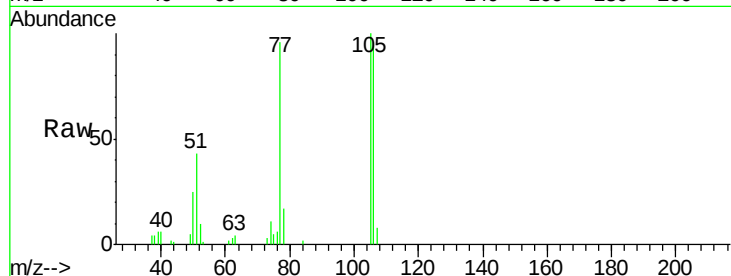
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Tgt Ion:	77	Resp:	24425
Ion Ratio	Lower	Upper	
77	100		
105	103.9	85.9	125.9
106	99.8	82.9	122.9



#10

Phenol

Concen: 31.10 ng

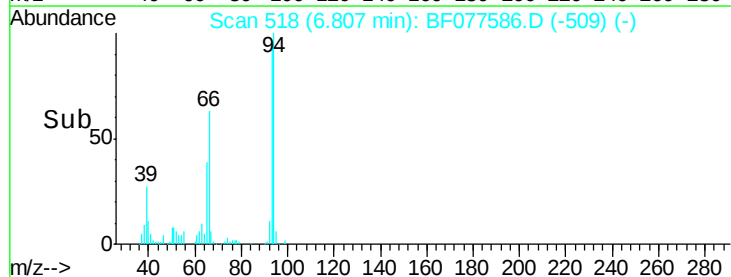
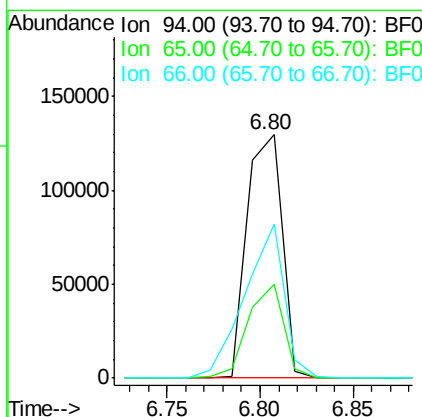
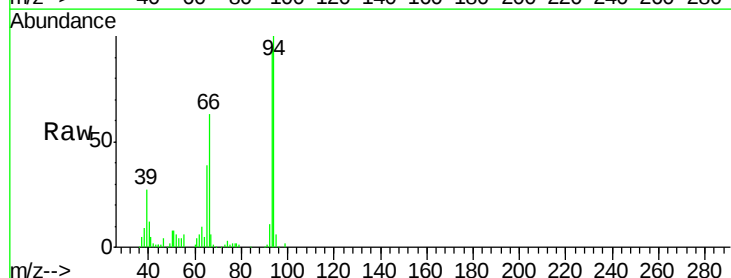
RT: 6.80 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion:	94	Resp:	172117
Ion Ratio	Lower	Upper	
94	100		
65	38.8	5.7	45.7
66	63.3	13.6	53.6#





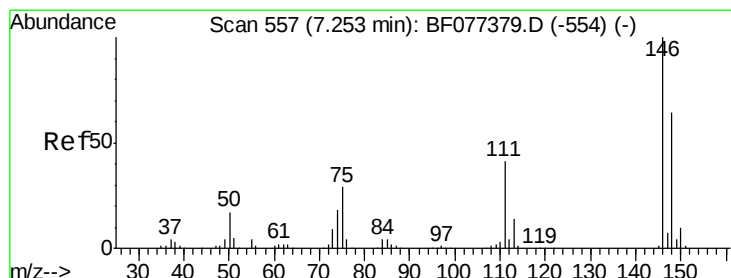
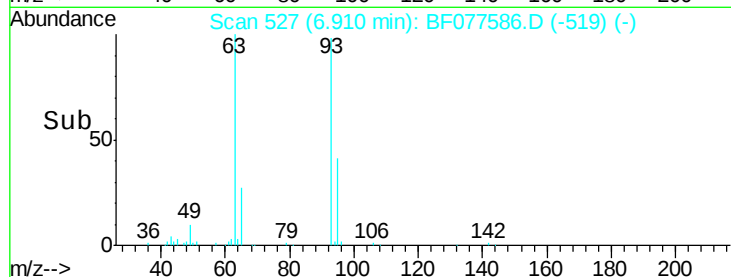
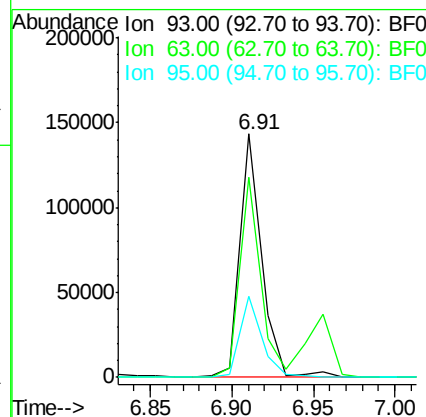
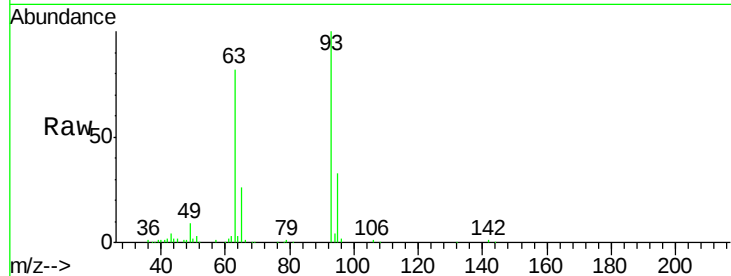
#11
bis(2-Chloroethyl)ether
Concen: 32.65 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion:	93	Resp:	129834
Ion	Ratio	Lower	Upper
93	100		
63	82.4	48.7	88.7
95	33.1	13.6	53.6

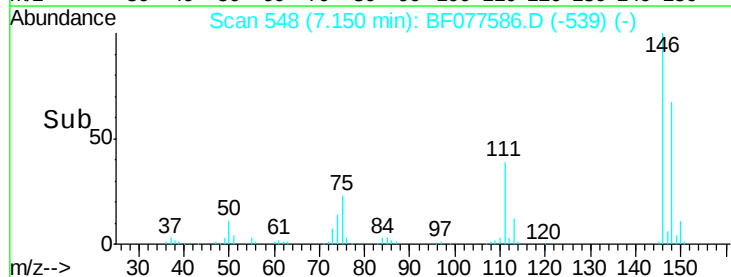
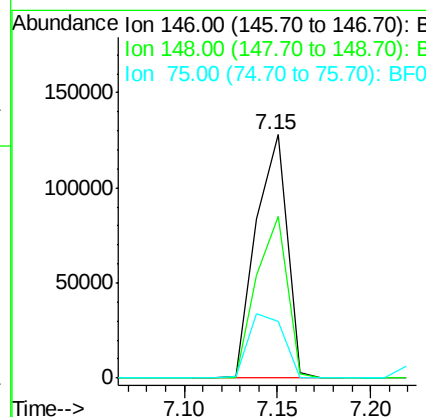
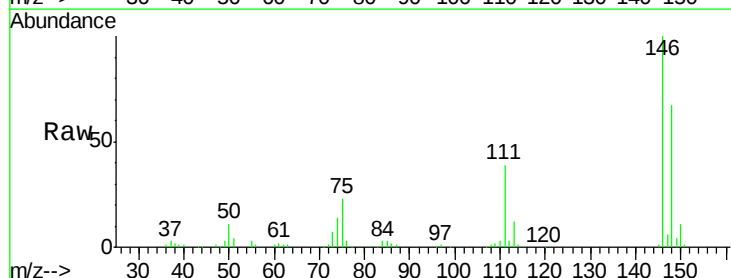
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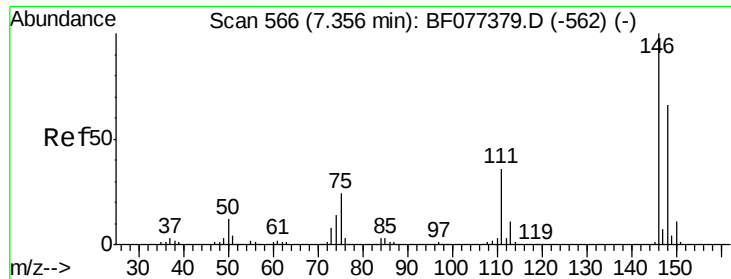
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.75 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion:	146	Resp:	147940
Ion	Ratio	Lower	Upper
146	100		
148	66.6	49.8	74.8
75	23.3	28.2	42.4





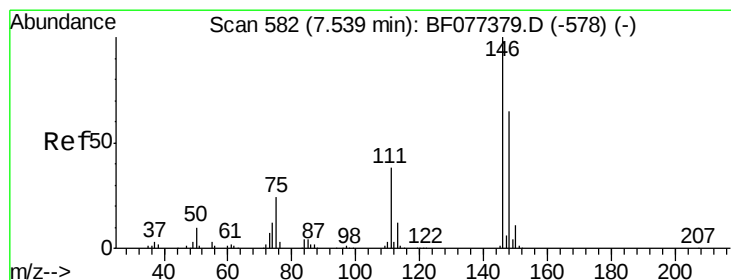
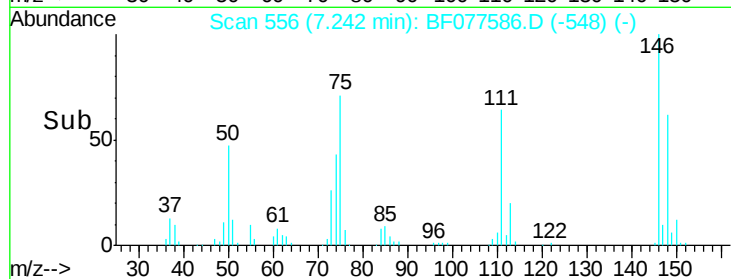
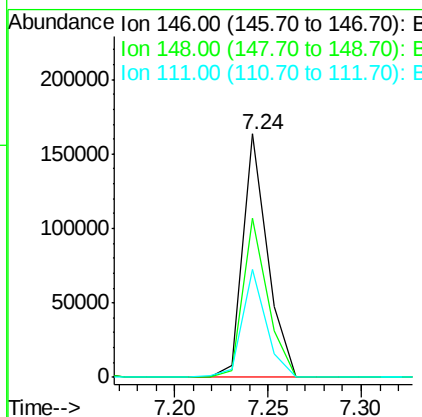
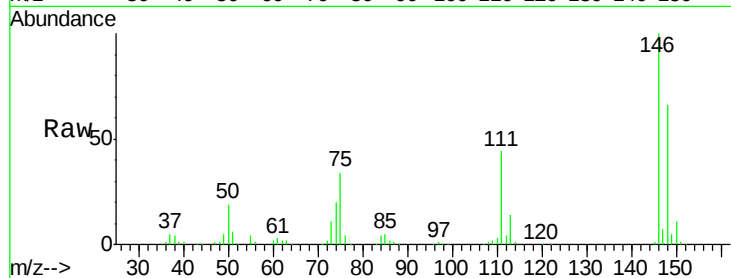
#13
 1,4-Dichlorobenzene
 Concen: 31.84 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	44.1	31.9	47.9

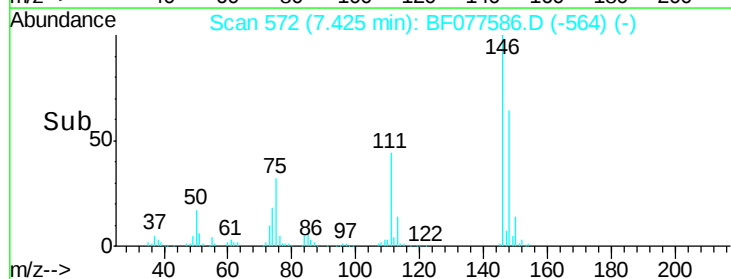
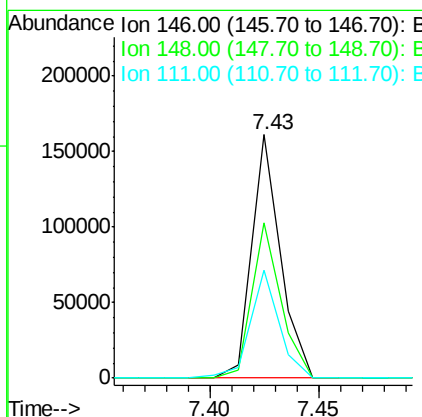
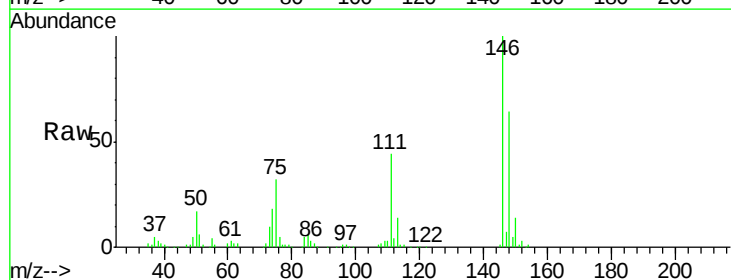
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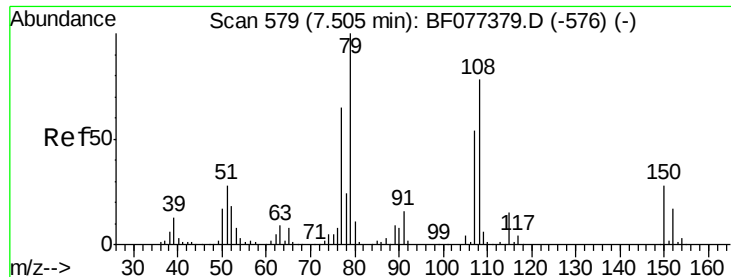
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#14
 1,2-Dichlorobenzene
 Concen: 32.66 ng
 RT: 7.43 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	44.3	34.2	51.2





#15

Benzyl Alcohol

Concen: 33.42 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

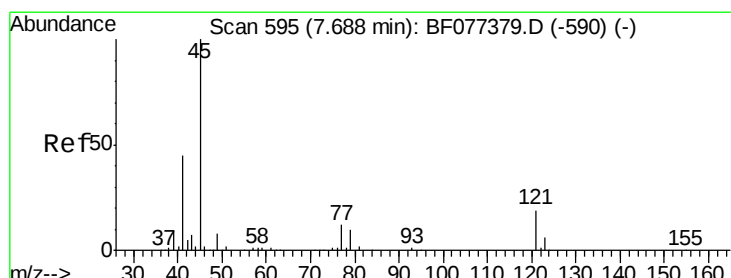
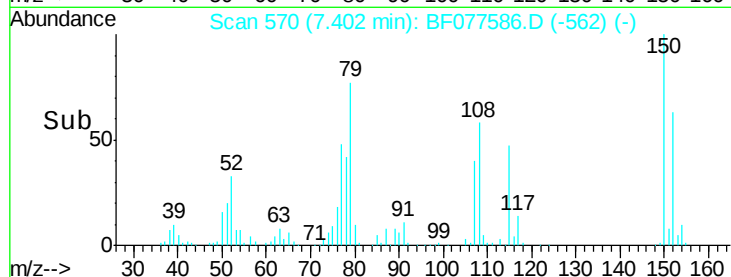
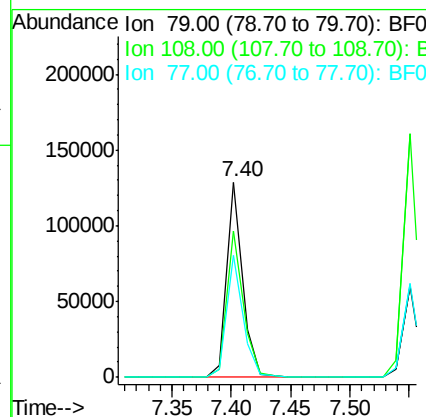
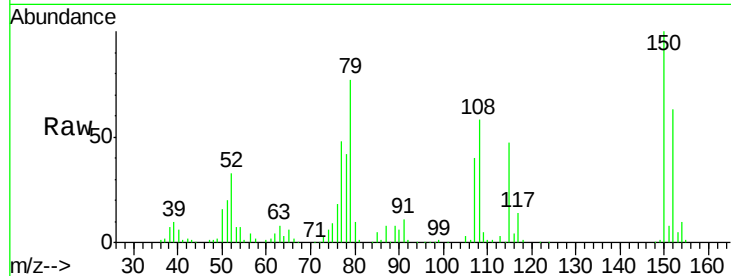
ClientSampleId :

PB81974BS

Tgt Ion:	79	Resp:	118485
Ion Ratio	Lower	Upper	
79	100		
108	75.2	58.3	87.5
77	62.7	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.49 ng

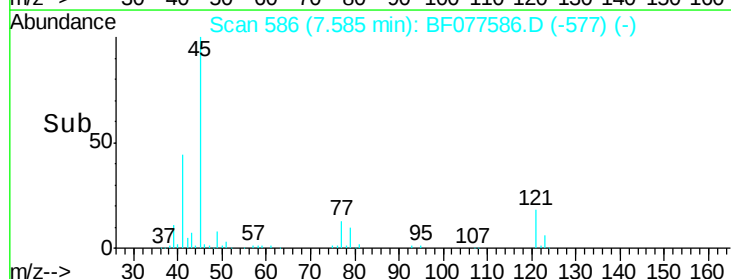
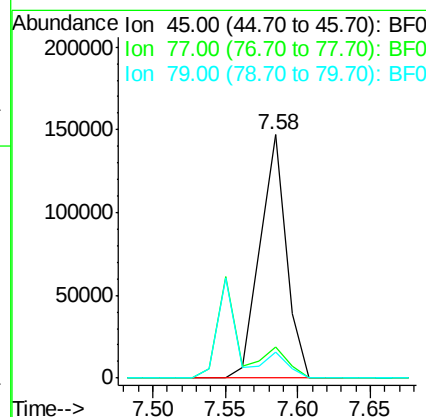
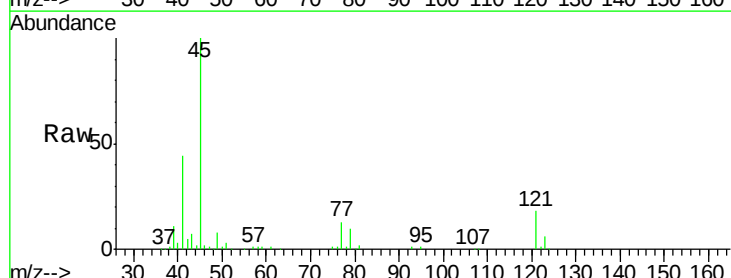
RT: 7.58 min Scan# 586

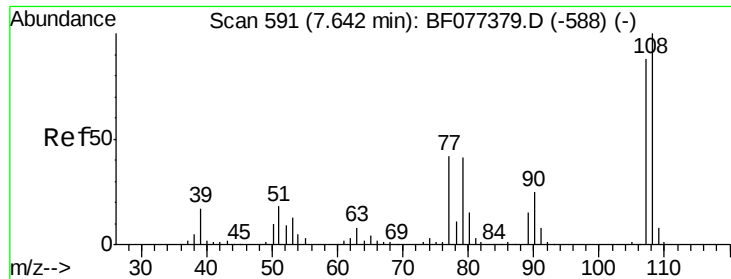
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

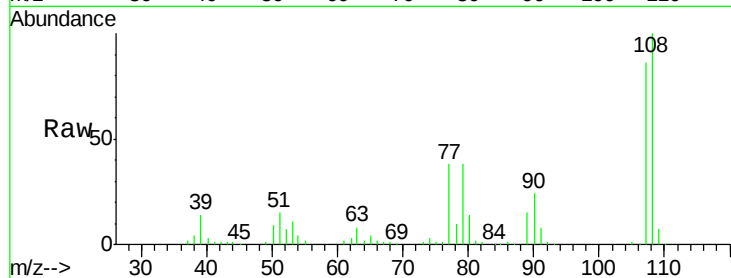
Tgt Ion:	45	Resp:	184662
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	34.6
79	10.4	0.0	31.5





#17
2-Methylphenol
Concen: 34.48 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

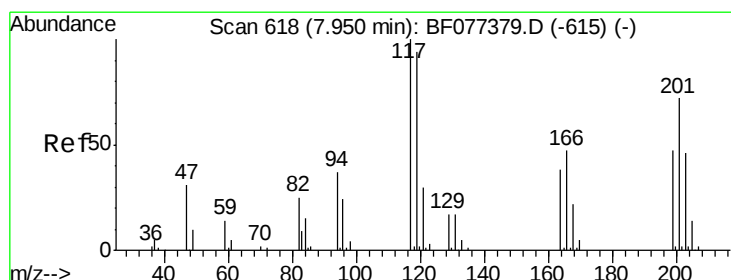
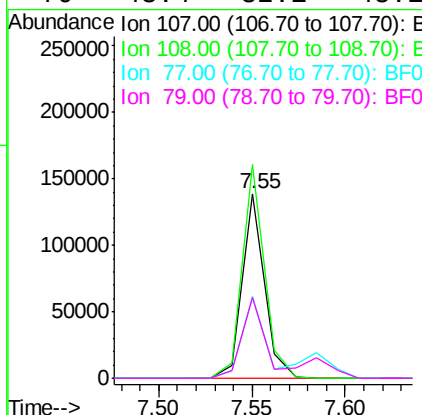
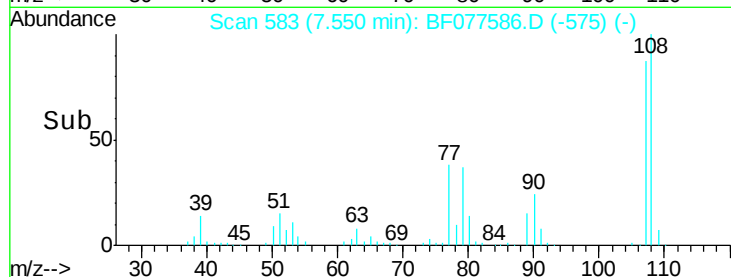
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion:	107	Resp:	115319
Ion Ratio	Lower	Upper	
107	100		
108	115.6	91.2	136.8
77	44.4	33.6	50.4
79	43.4	32.1	48.1

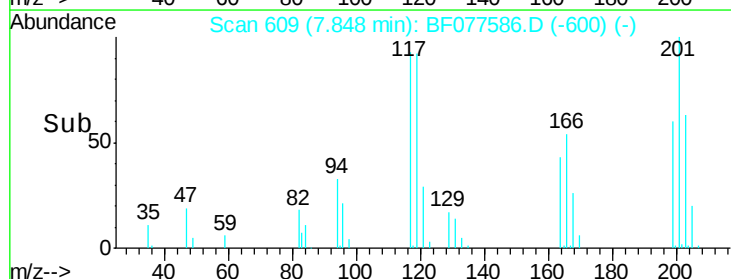
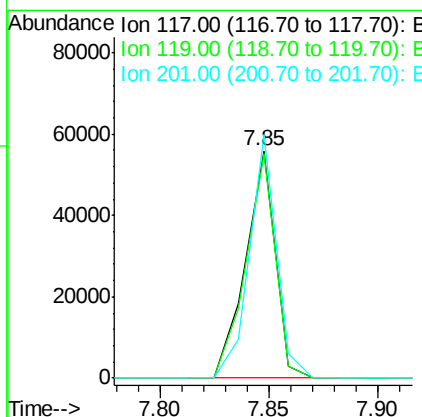
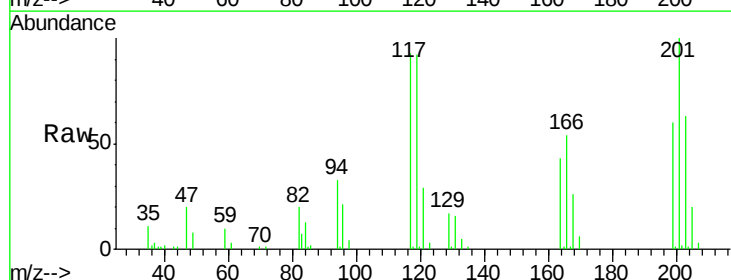
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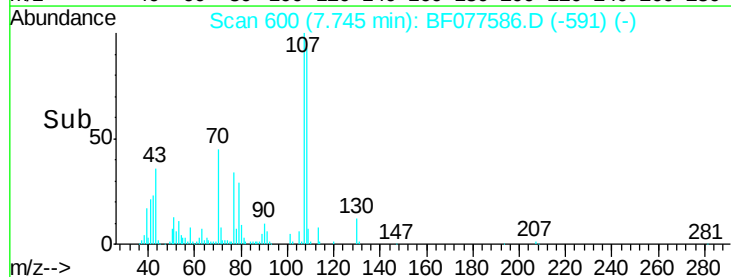
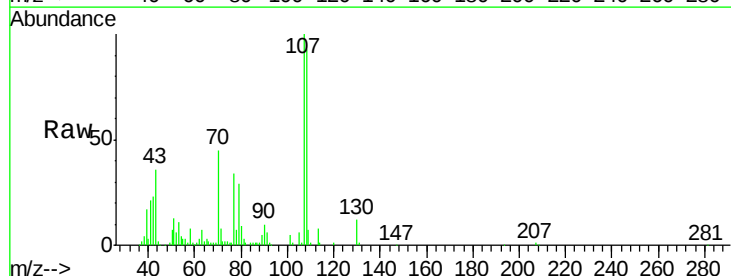
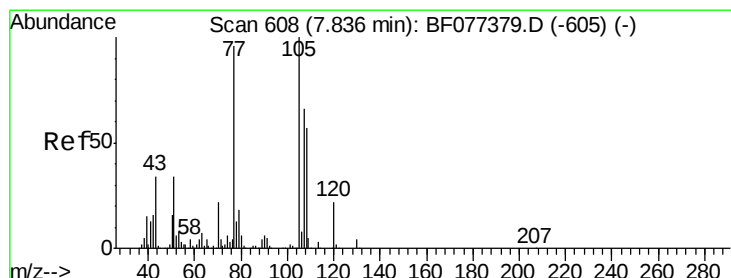
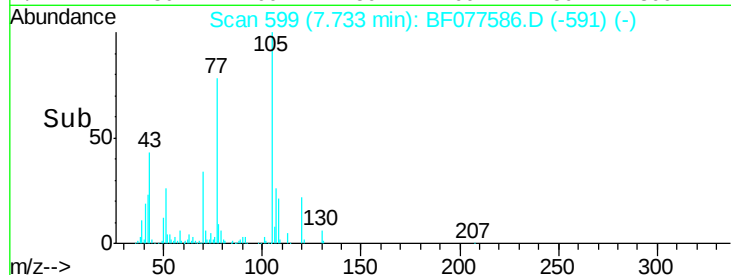
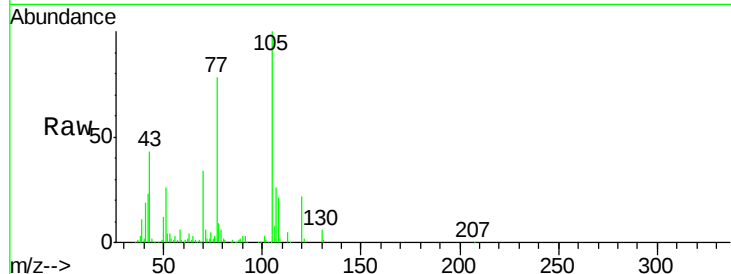
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#18
Hexachloroethane
Concen: 33.40 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion:	117	Resp:	52876
Ion Ratio	Lower	Upper	
117	100		
119	98.8	77.8	116.8
201	107.1	90.6	136.0

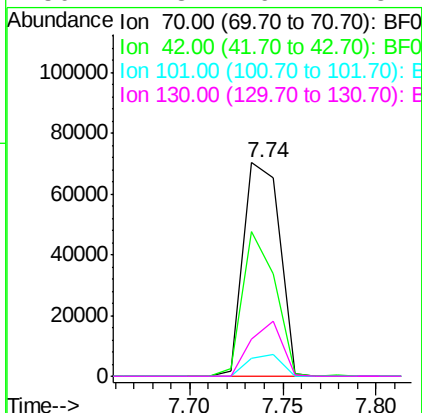




#19
n-Nitroso-di-n-propylamine
Concen: 32.06 ng
RT: 7.74 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	48.3	72.5
101	8.3	7.5	11.3
130	17.3	16.7	25.1

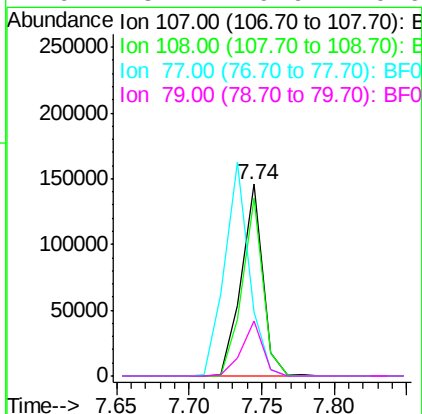


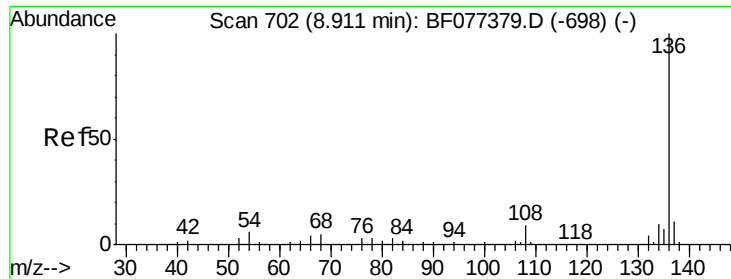
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#20
3+4-Methylphenols
Concen: 34.24 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

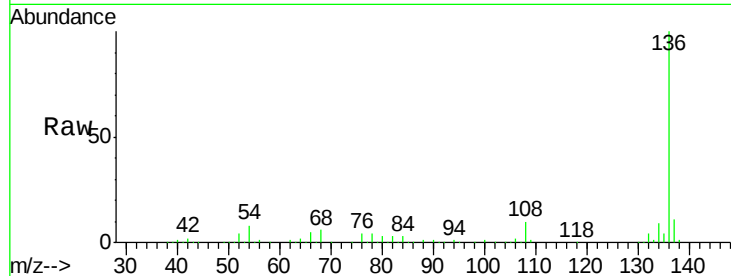
Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	76.8	116.8
77	33.7	65.8	105.8
79	28.7	9.6	49.6





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

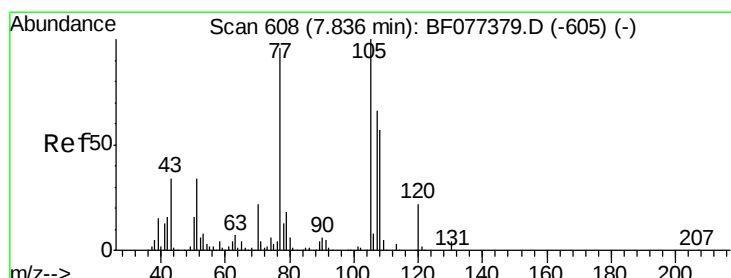
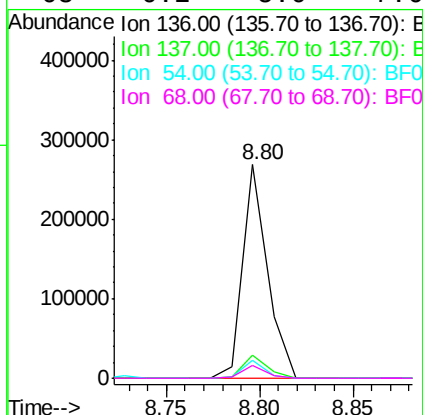
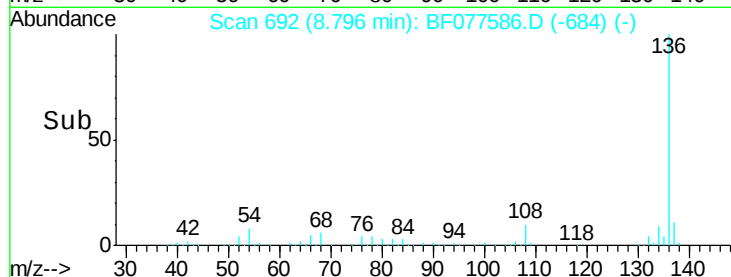
Instrument :
BNA_F
ClientSampleId :
PB81974BS



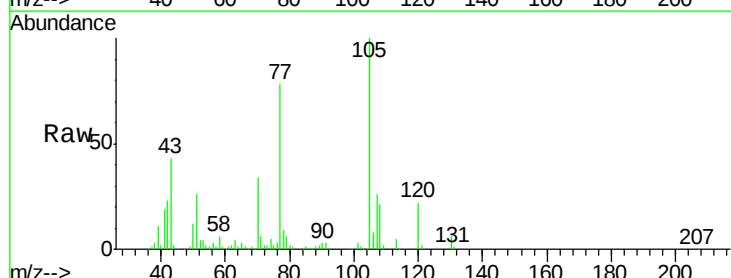
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	247540		
137	10.9	8.6	13.0	
54	8.1	6.2	9.4	
68	6.2	5.0	7.6	

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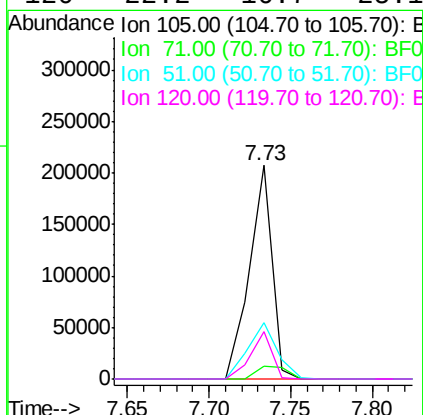
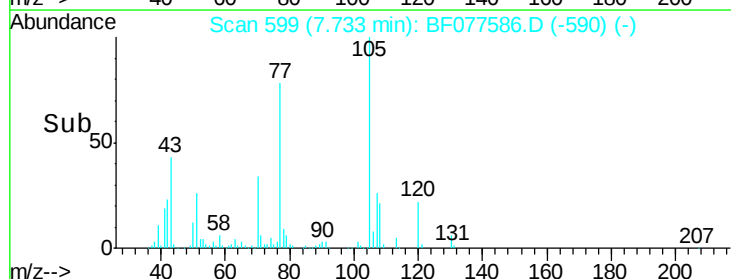
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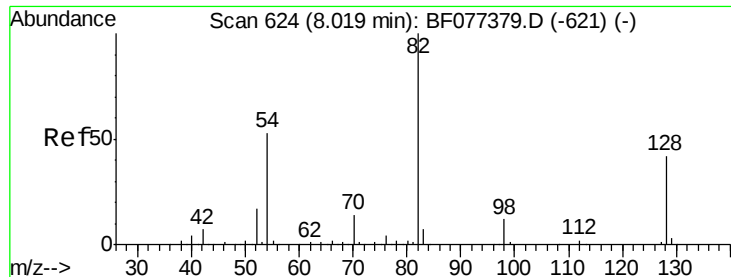


#22
Acetophenone
Concen: 34.28 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199591		
71	5.8	1.7	2.5#	
51	26.2	30.7	46.1#	
120	22.2	16.7	25.1	





#23

Nitrobenzene-d5

Concen: 75.86 ng

RT: 7.91 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

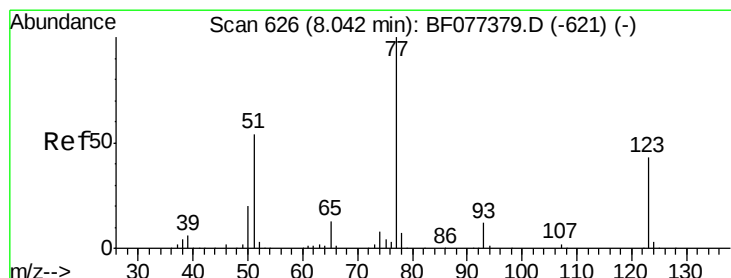
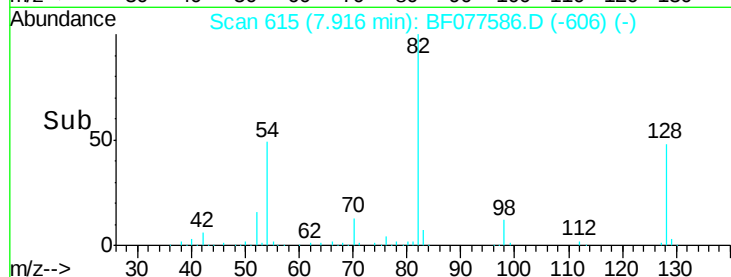
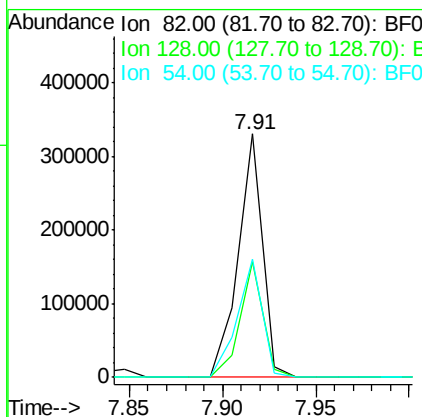
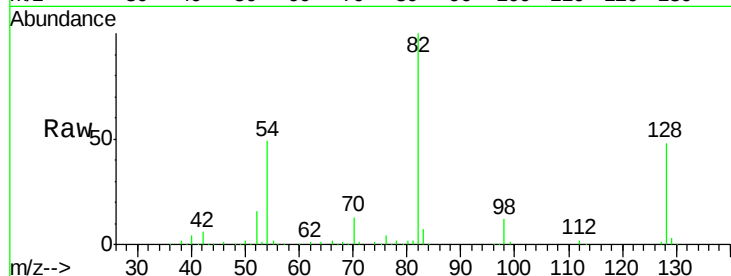
ClientSampleId :

PB81974BS

Tgt Ion:	82	Resp:	301968
Ion Ratio	Lower	Upper	
82	100		
128	47.7	43.8	65.8
54	48.6	36.7	55.1

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#24

Nitrobenzene

Concen: 35.27 ng

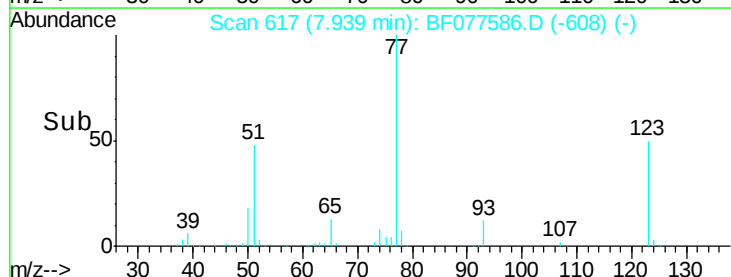
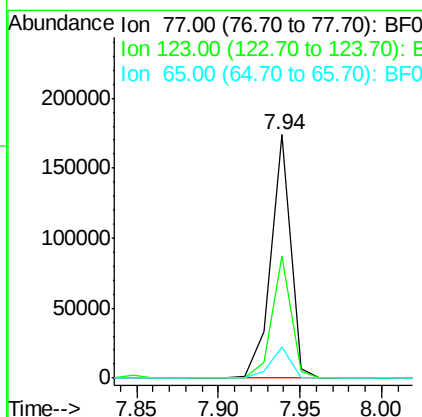
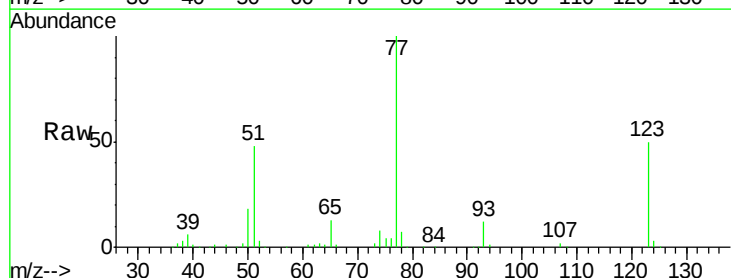
RT: 7.94 min Scan# 617

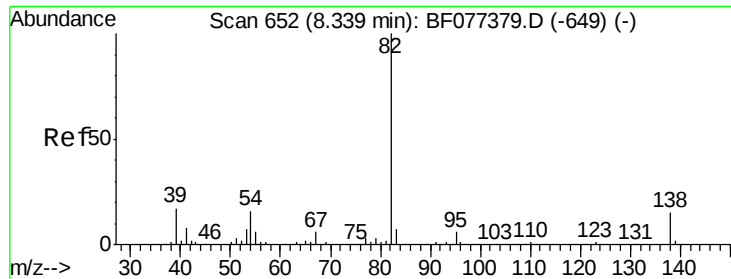
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion:	77	Resp:	147704
Ion Ratio	Lower	Upper	
77	100		
123	50.0	45.9	68.9
65	12.6	9.5	14.3





#25

Isophorone

Concen: 32.76 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

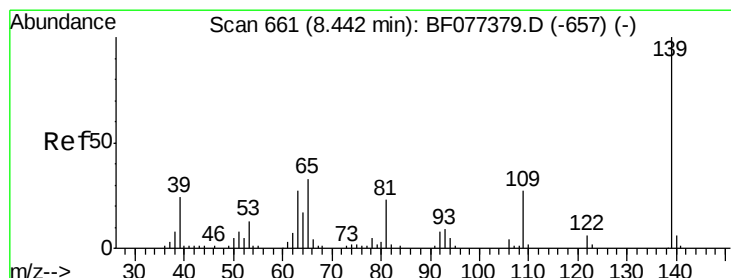
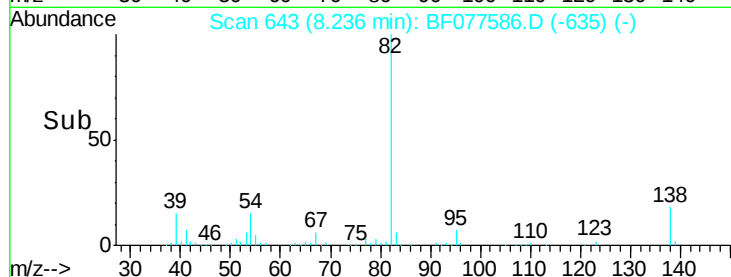
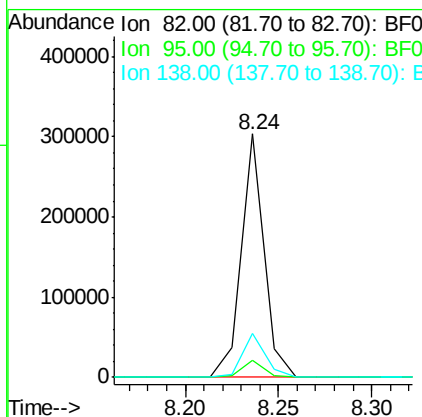
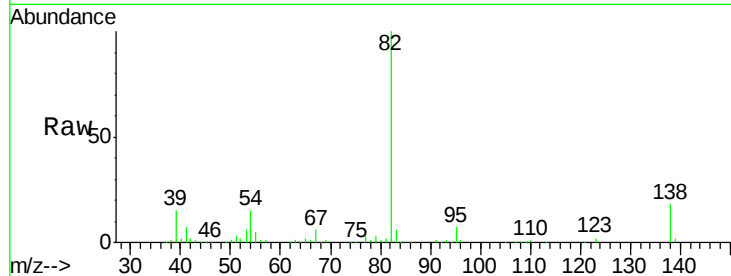
ClientSampleId :

PB81974BS

Tgt Ion:	82	Resp:	258753
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 37.63 ng

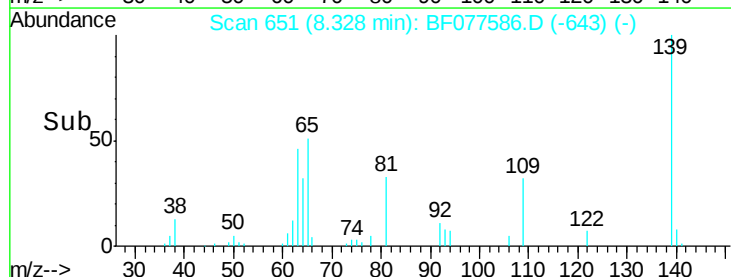
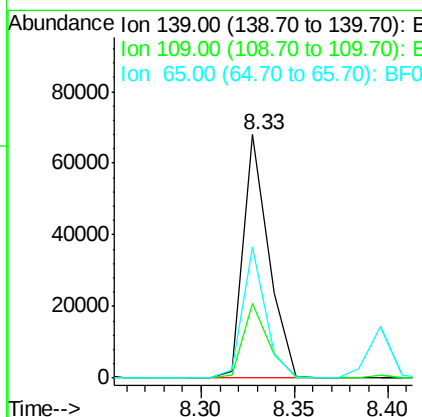
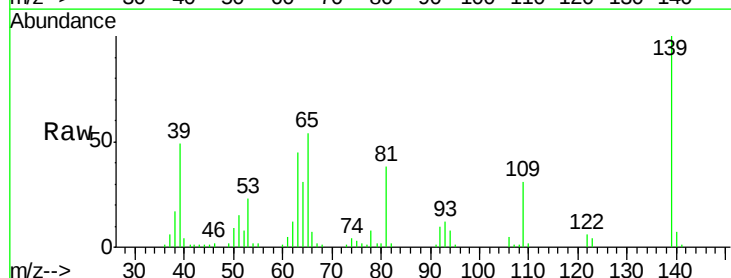
RT: 8.33 min Scan# 651

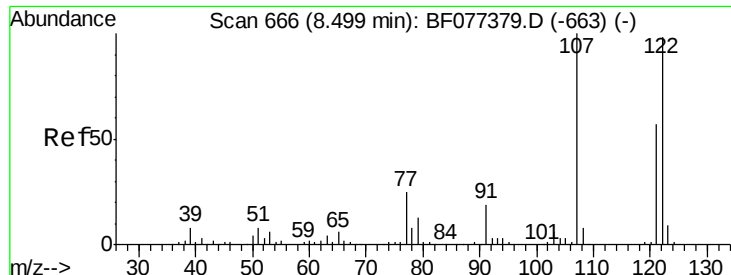
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

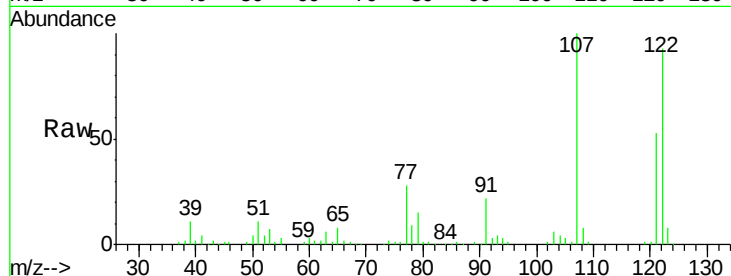
Tgt Ion:	139	Resp:	64594
Ion Ratio		Lower	Upper
139	100		
109	30.7	22.6	34.0
65	54.0	36.4	54.6





#27
2,4-Dimethylphenol
Concen: 35.01 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

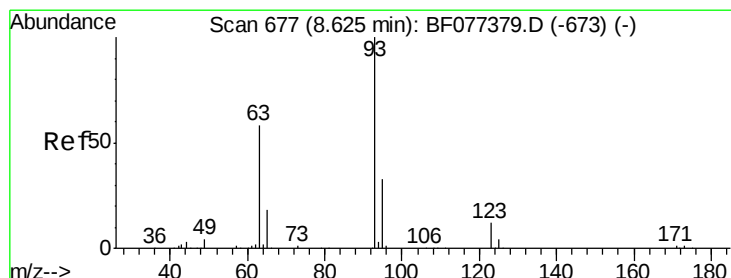
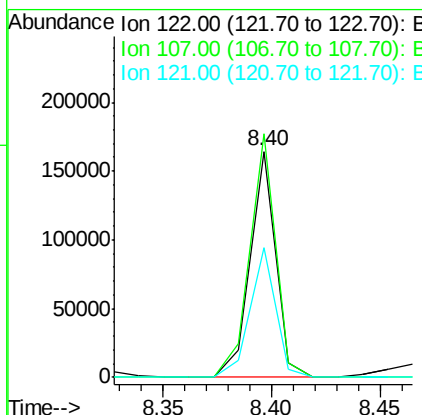
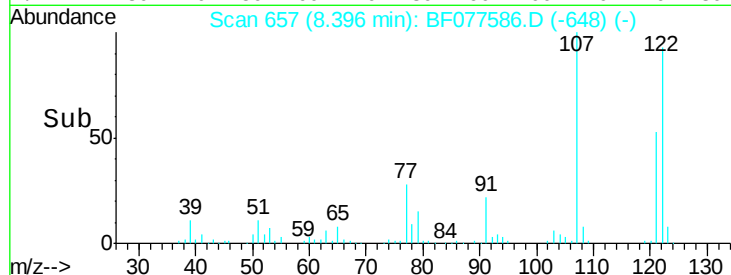
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	134475		
107	107.8	86.6	130.0	
121	57.2	47.4	71.0	

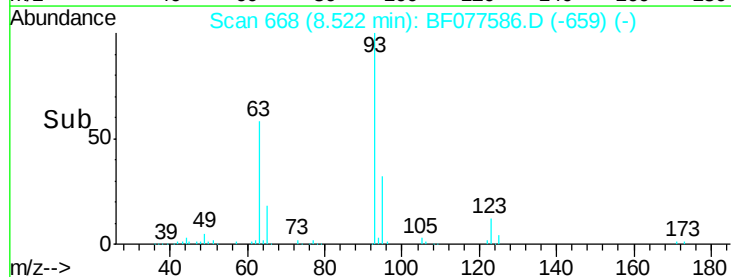
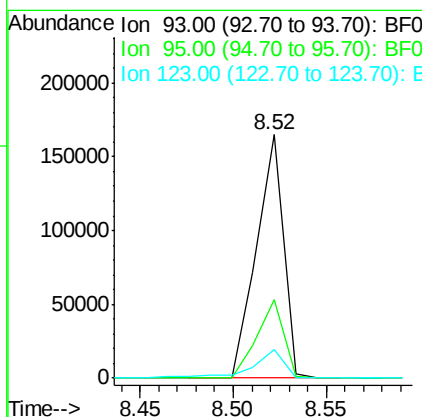
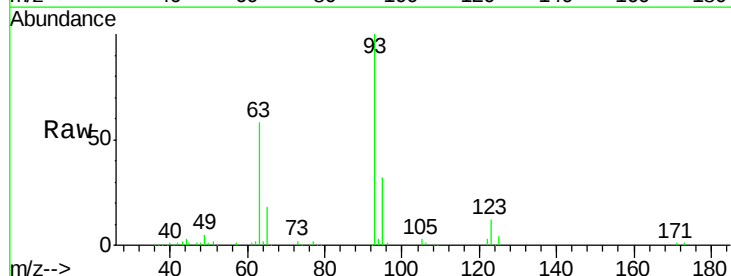
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#28
bis(2-Chloroethoxy)methane
Concen: 32.86 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163960		
95	32.2	26.4	39.6	
123	11.6	8.7	13.1	





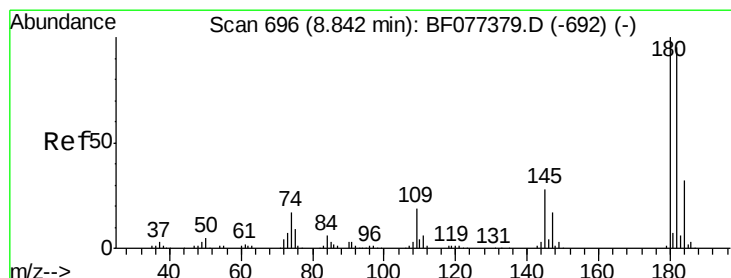
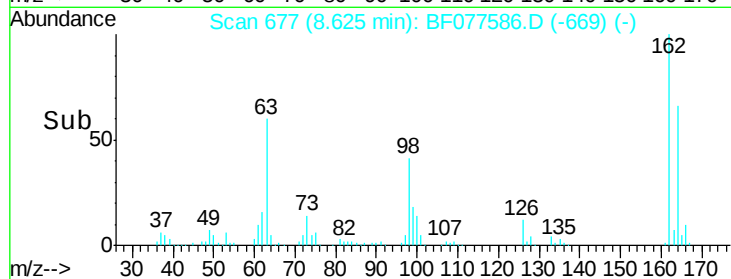
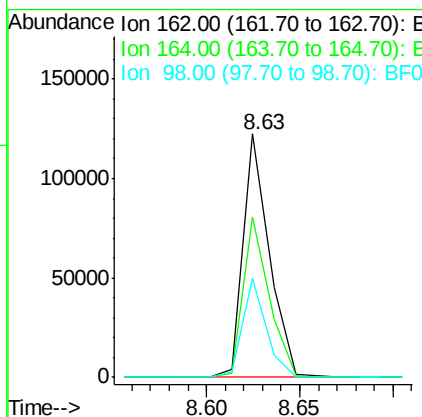
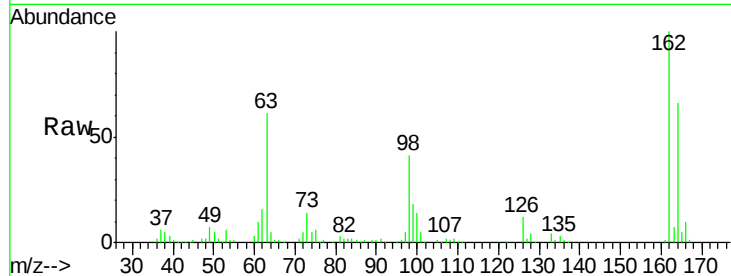
#29
 2,4-Dichlorophenol
 Concen: 33.04 ng
 RT: 8.63 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion:	162	Resp:	119121
Ion Ratio	Lower	Upper	
162	100		
164	65.7	46.4	86.4
98	40.9	6.9	46.9

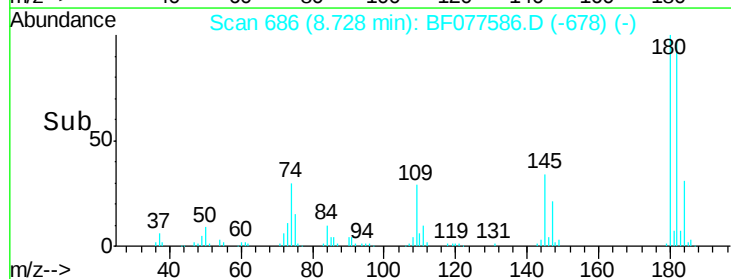
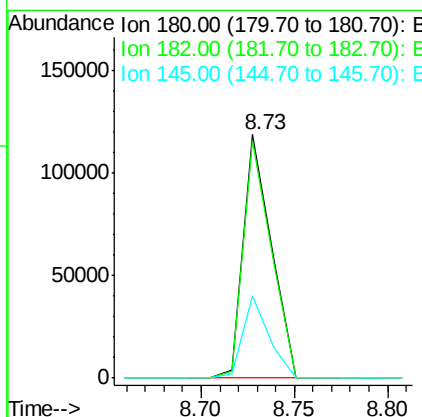
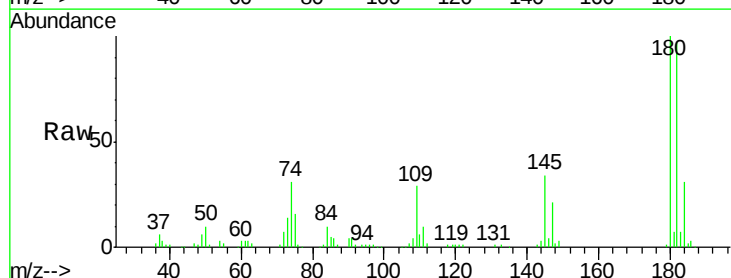
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.08 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion:	180	Resp:	123180
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.2	114.4
145	33.9	24.5	36.7





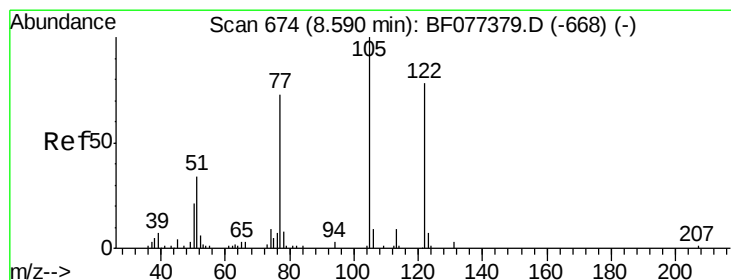
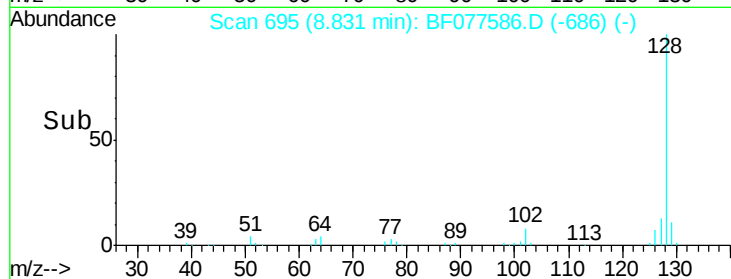
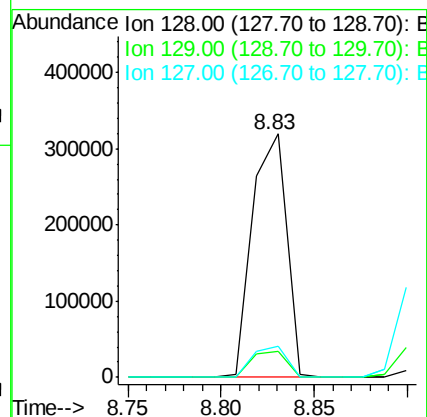
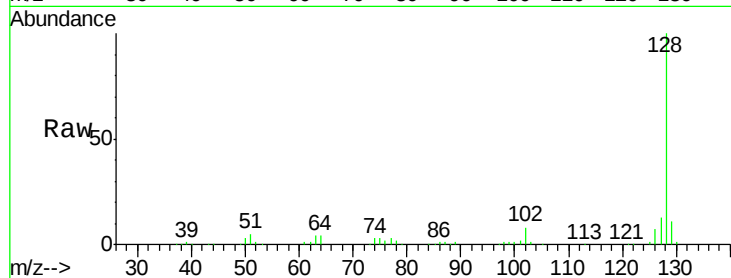
#31
Naphthalene
Concen: 32.77 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	405667		
129	10.8		9.4	14.0
127	12.8		10.6	15.8

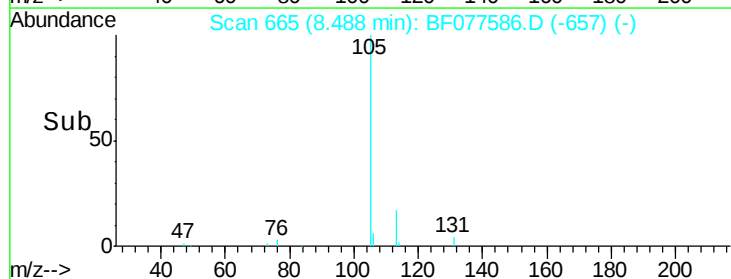
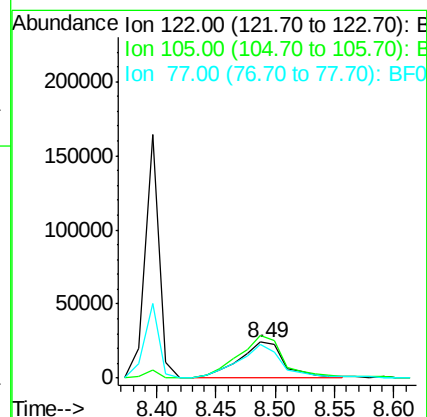
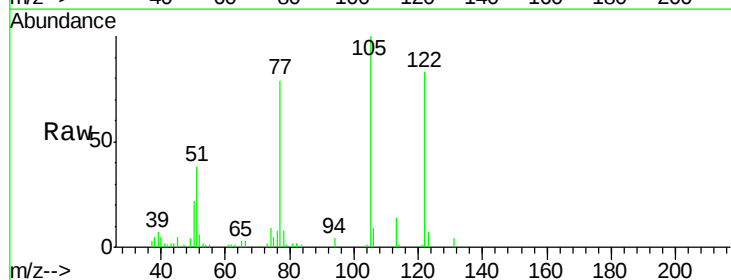
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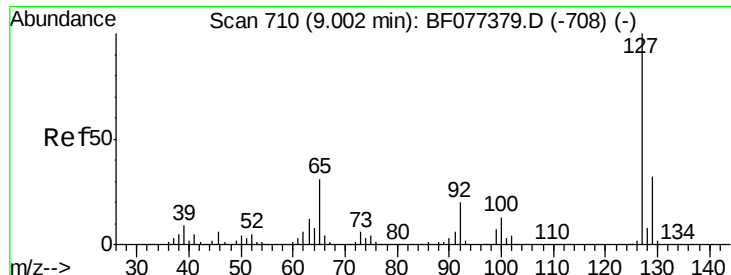
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#32
Benzoic acid
Concen: 33.94 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

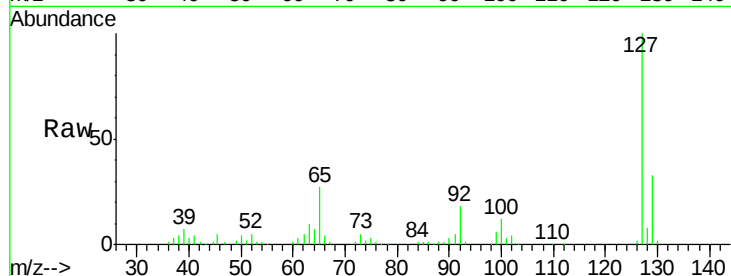
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	63344		
105	120.2		100.3	140.3
77	95.2		68.7	108.7





#33
4-Chloroaniline
Concen: 18.93 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

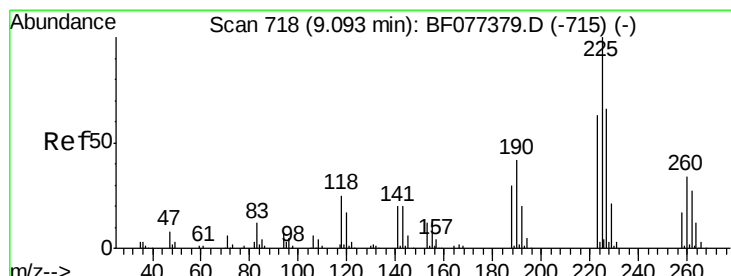
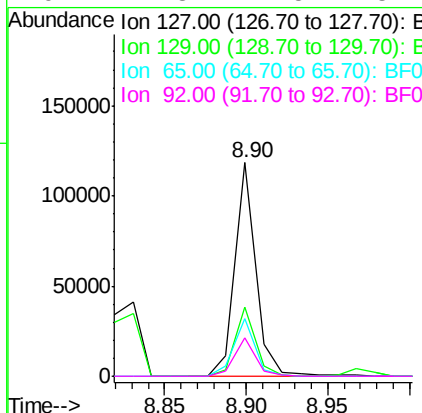
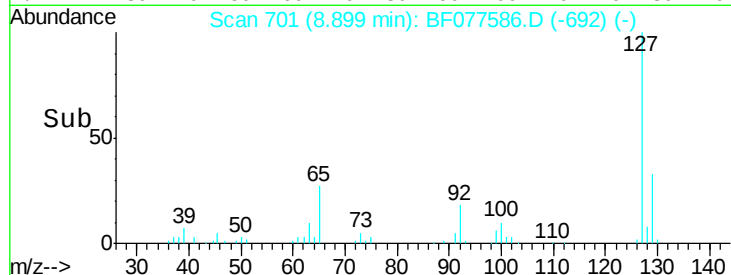
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.9	40.3	
65	27.3	16.7	25.1	
92	17.8	12.5	18.7	

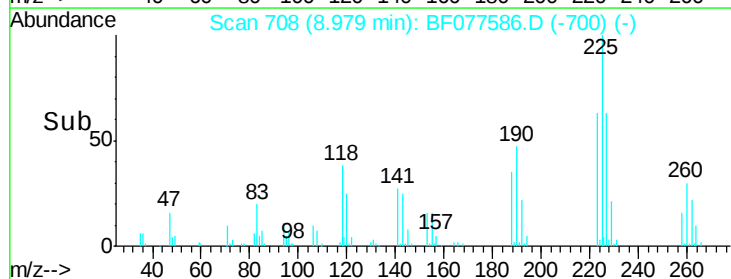
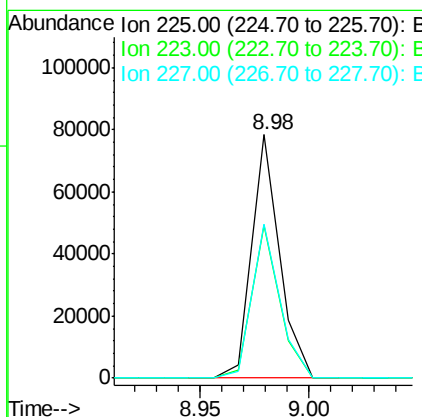
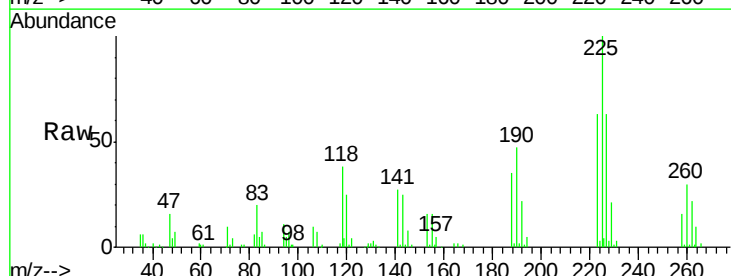
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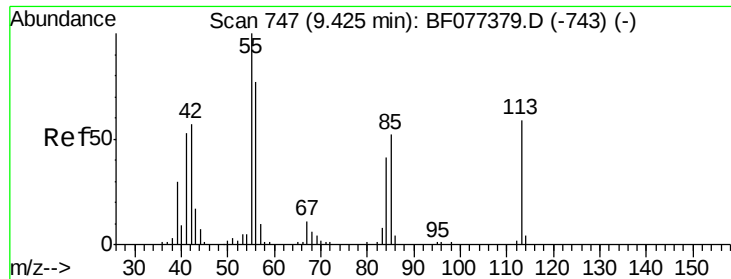
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#34
Hexachlorobutadiene
Concen: 30.83 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	49.5	74.3	
227	63.2	50.5	75.7	





#35

Caprolactam

Concen: 34.44 ng

RT: 9.32 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

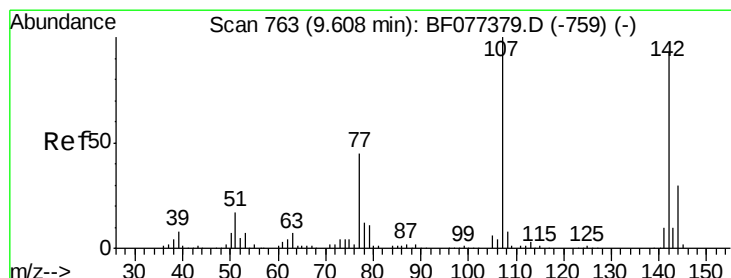
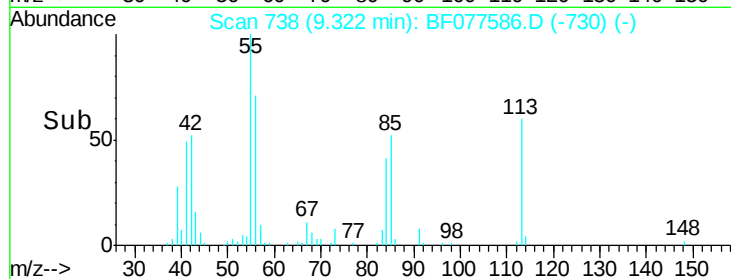
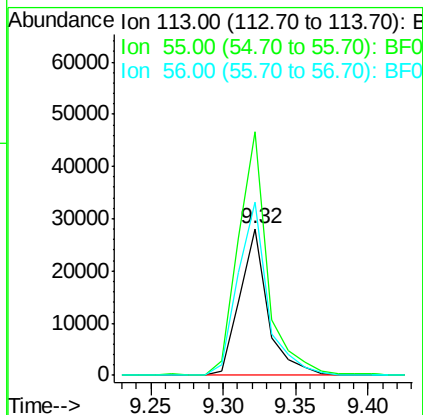
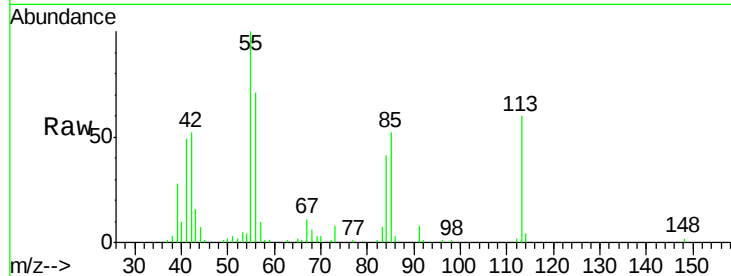
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Tgt Ion:	113	Resp:	37900
Ion Ratio	Lower	Upper	
113	100		
55	165.6	154.6	194.6
56	117.6	114.0	154.0

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#36

4-Chloro-3-methylphenol

Concen: 32.75 ng

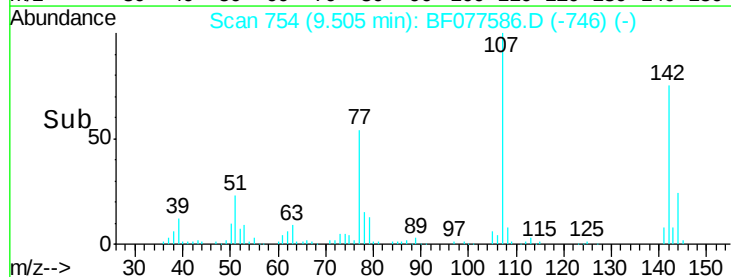
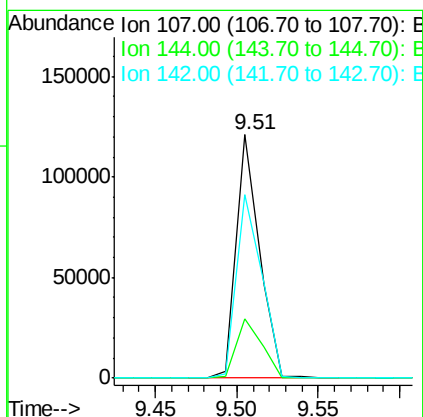
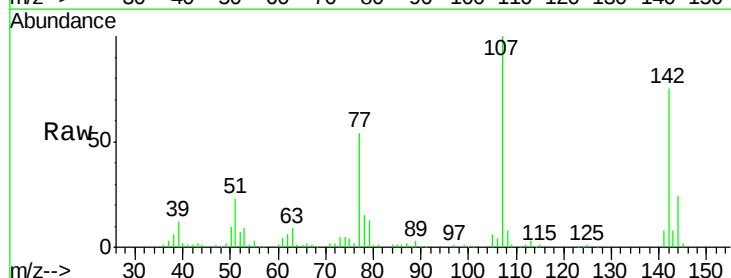
RT: 9.51 min Scan# 754

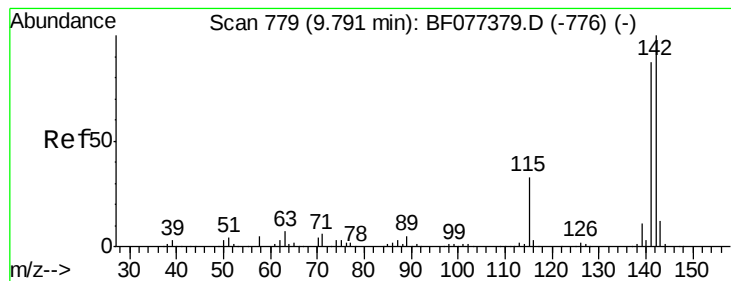
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion:	107	Resp:	118683
Ion Ratio	Lower	Upper	
107	100		
144	24.1	21.1	31.7
142	75.3	65.3	97.9





#37

2-Methylnaphthalene

Concen: 32.58 ng

RT: 9.68 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF077586.D

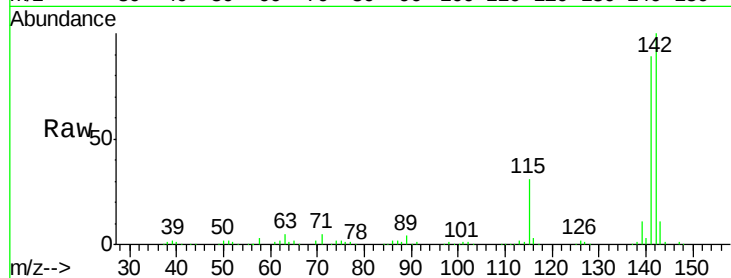
Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

ClientSampleId :

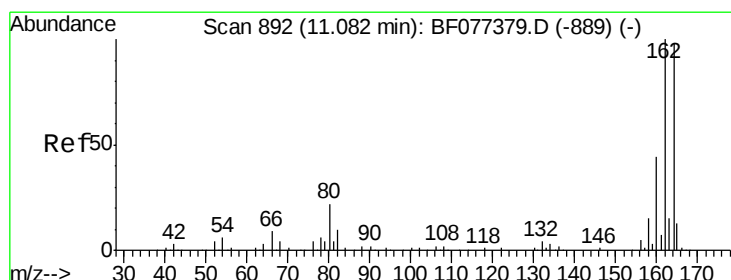
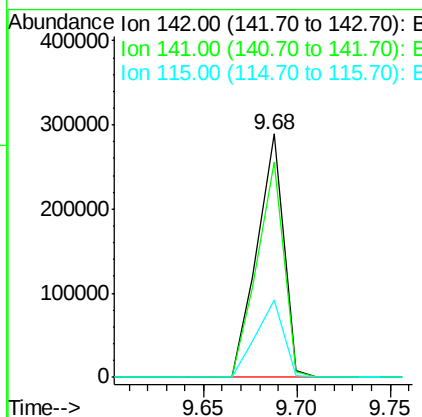
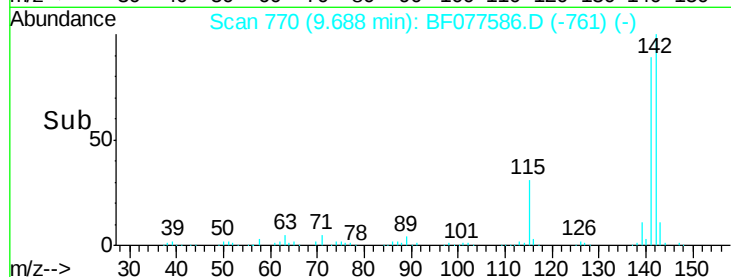
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Tgt Ion:	142	Resp:	286438
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.7	106.1
115	31.5	24.2	36.4

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#38

Acenaphthene-d10

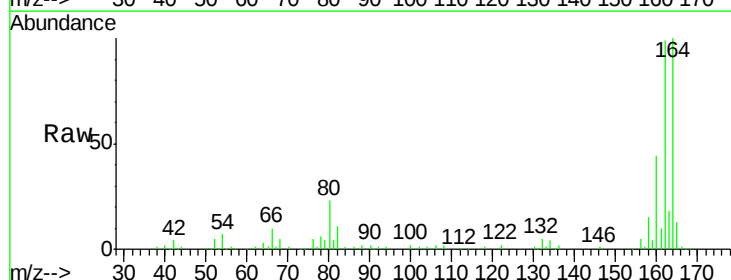
Concen: 20.00 ng

RT: 10.97 min Scan# 882

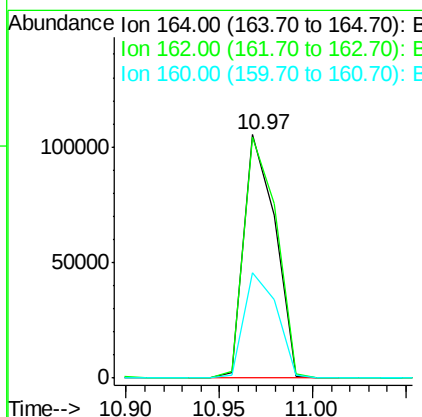
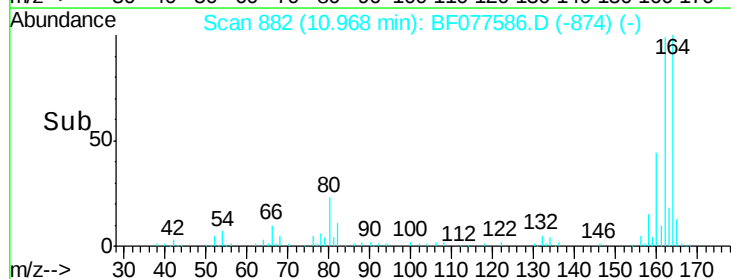
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15



Tgt Ion:	164	Resp:	123201
Ion Ratio	Lower	Upper	
164	100		
162	99.1	83.2	124.8
160	43.5	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.03 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077586.D

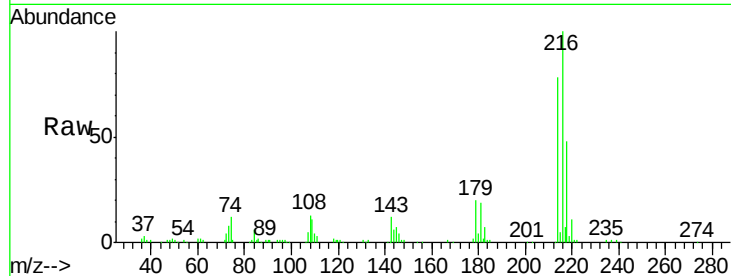
Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

ClientSampleId :

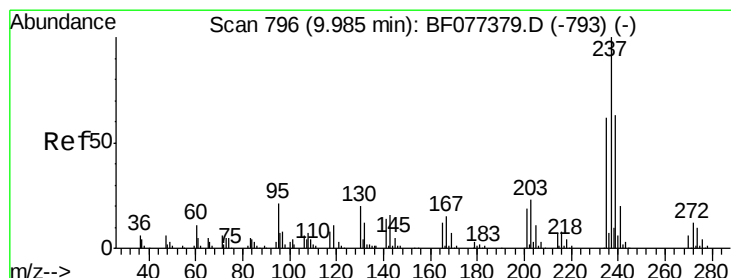
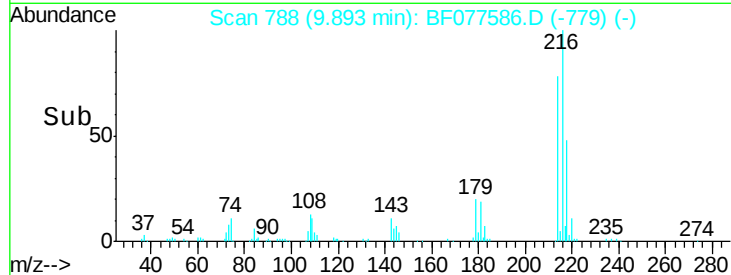
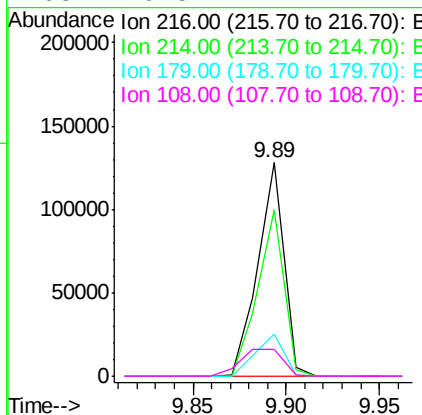
PB81974BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		123824		
214	78.7	63.4	95.0		
179	21.4	16.6	25.0		
108	20.5	14.2	21.4		

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#40

Hexachlorocyclopentadiene

Concen: 60.48 ng

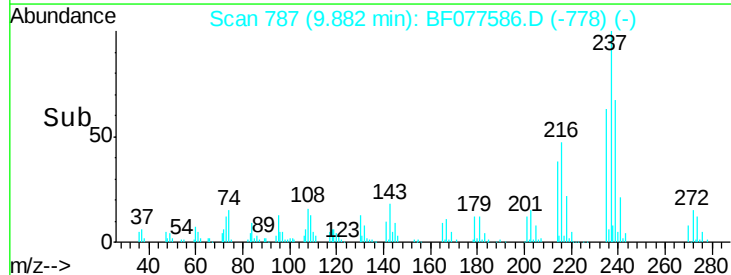
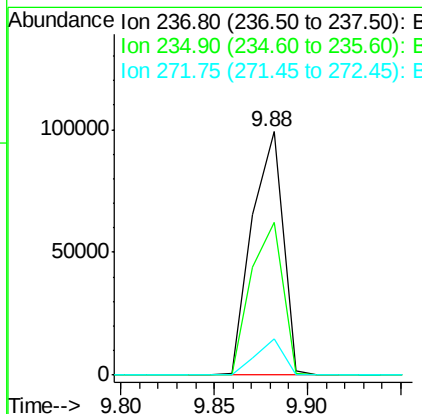
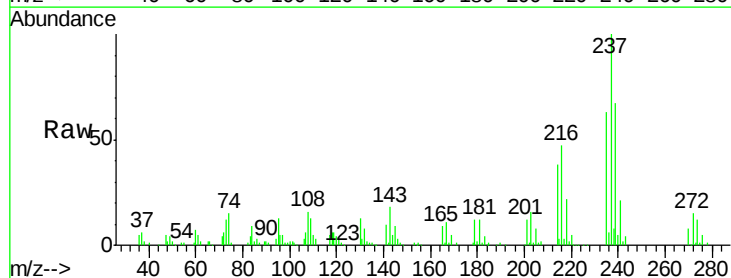
RT: 9.88 min Scan# 787

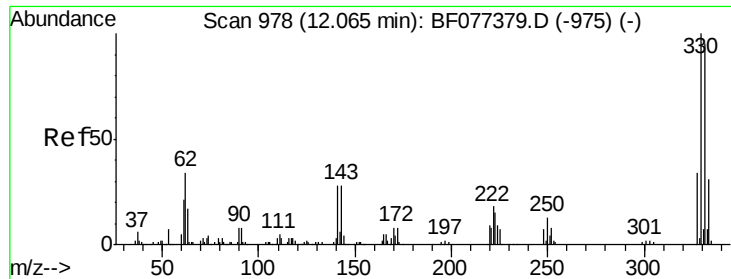
Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

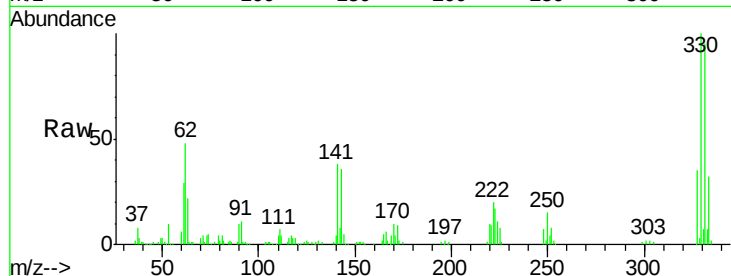
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		114633		
235	62.8	41.0	81.0		
272	14.8	0.0	34.3		





#41
 2,4,6-Tribromophenol
 Concen: 110.83 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

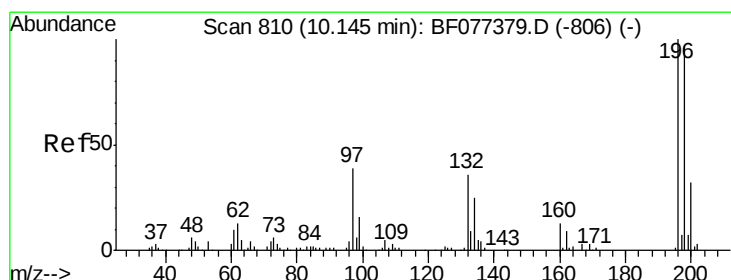
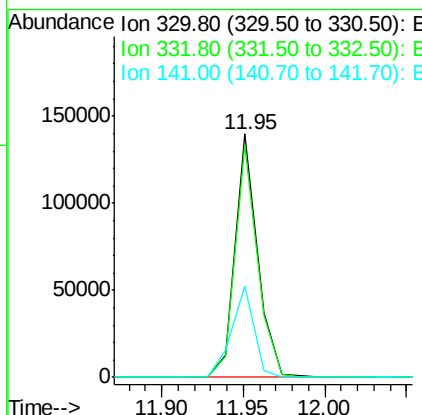
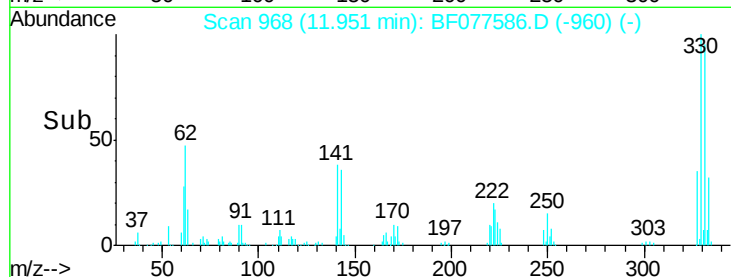
Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131473		
332	95.2	77.4	116.2	
141	38.0	28.8	43.2	

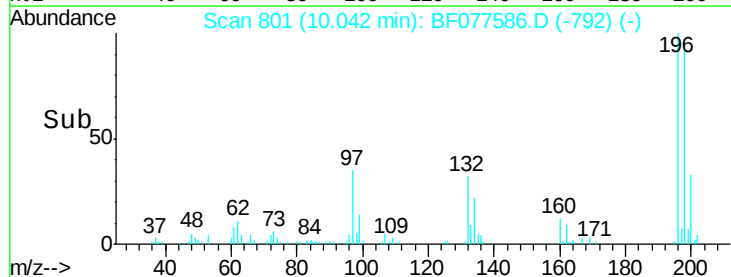
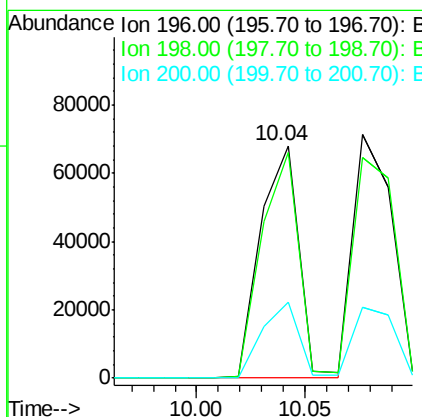
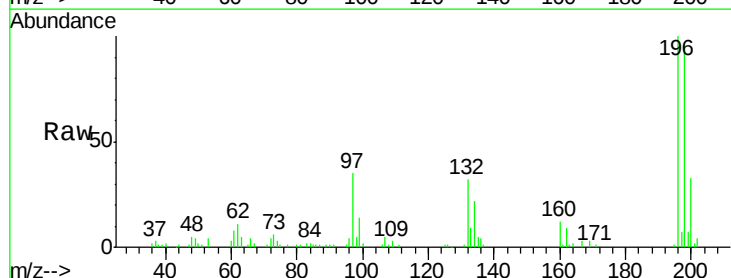
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#42
 2,4,6-Trichlorophenol
 Concen: 36.02 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

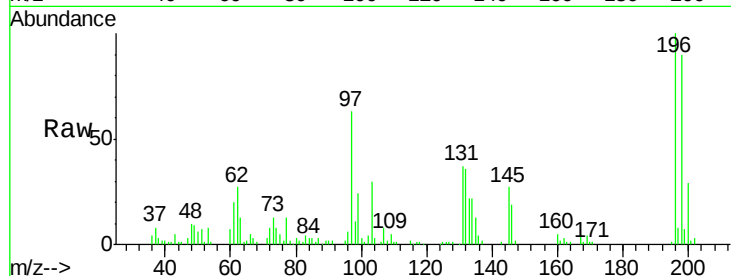
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84316		
198	97.3	75.8	113.8	
200	32.6	24.2	36.4	





#43
2,4,5-Trichlorophenol
Concen: 35.72 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

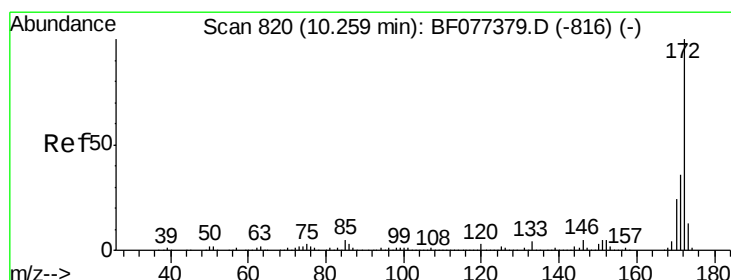
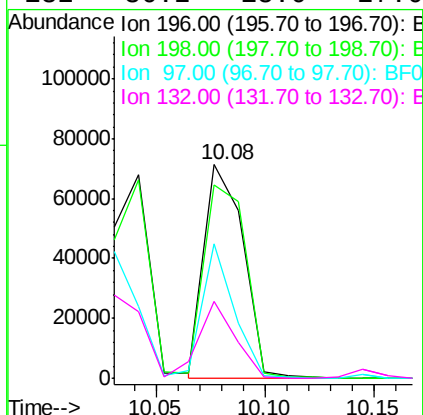
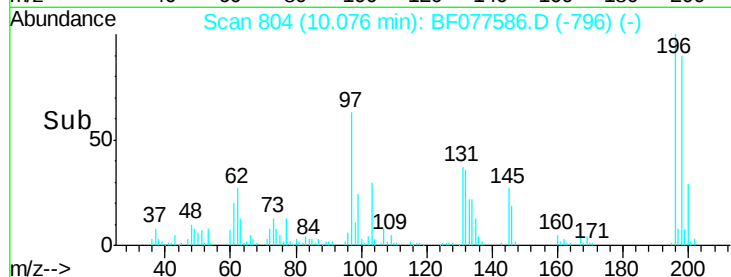
Instrument :
BNA_F
ClientSampleId :
PB81974BS



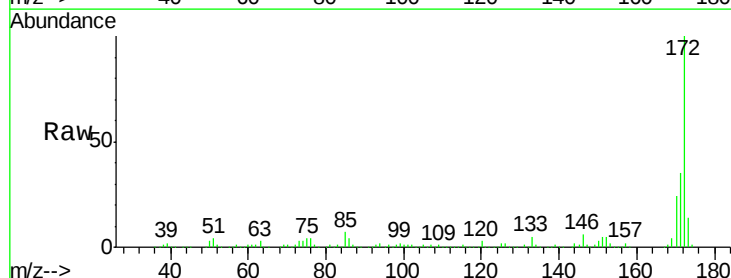
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89422		
198	90.3	77.2	115.8	
97	62.9	27.7	41.5	
132	36.2	18.0	27.0	

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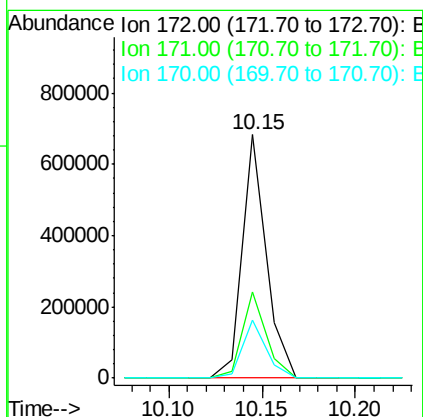
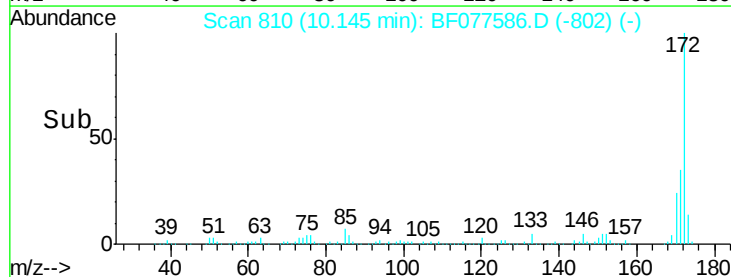
mohammad
3/5/2015 12:47:46 PM



#44
2-Fluorobiphenyl
Concen: 77.17 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	609706		
171	35.5	28.9	43.3	
170	23.7	19.4	29.2	





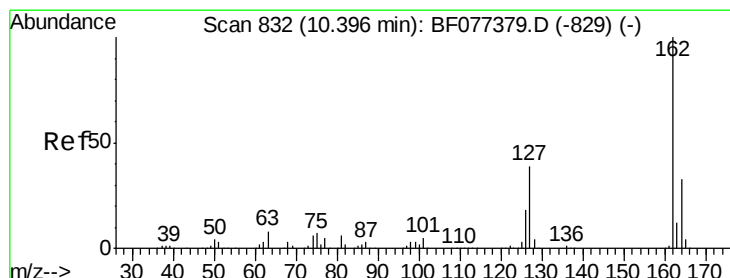
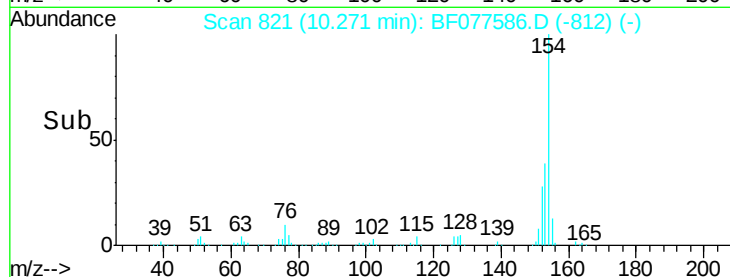
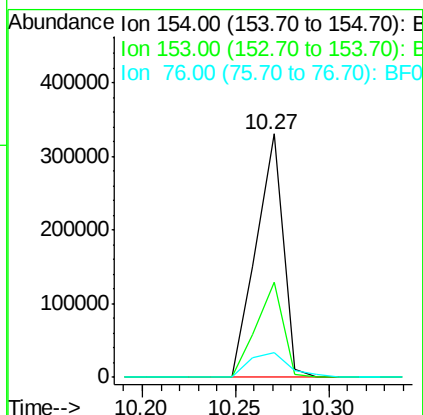
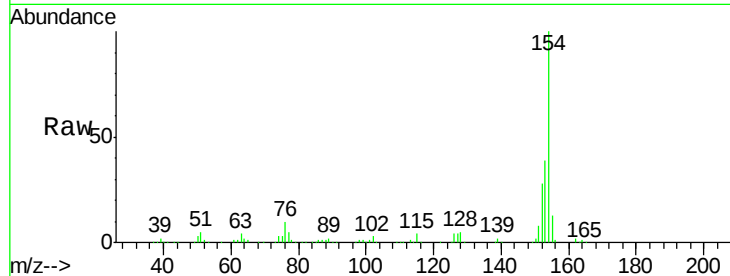
#45
1,1'-Biphenyl
Concen: 36.07 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.3	20.2	60.2	
76	10.0	0.0	29.4	

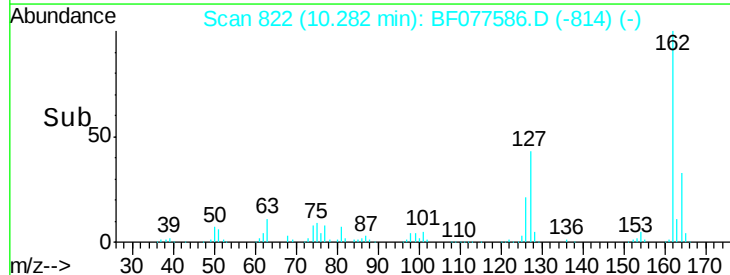
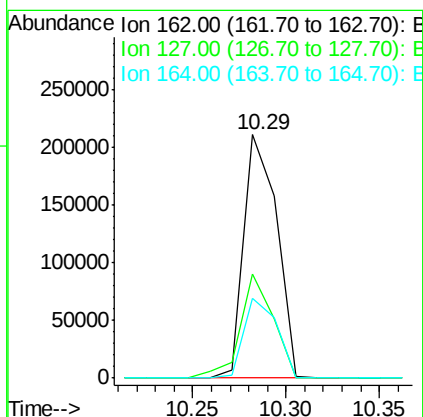
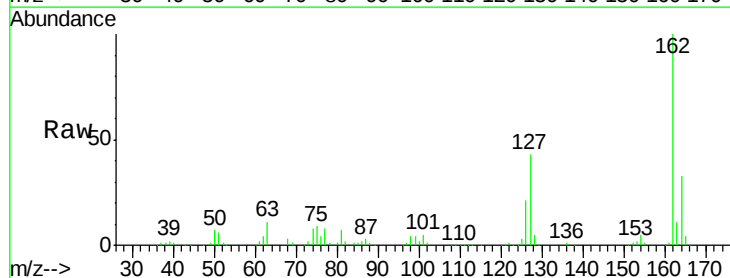
Manual Integrations
APPROVED

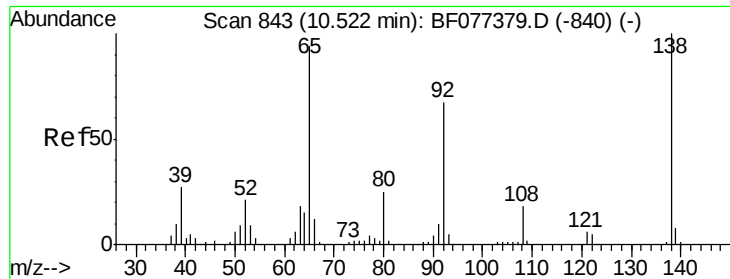
mohammad
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#46
2-Chloronaphthalene
Concen: 35.36 ng
RT: 10.29 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.9	33.3	49.9	
164	32.8	26.2	39.4	





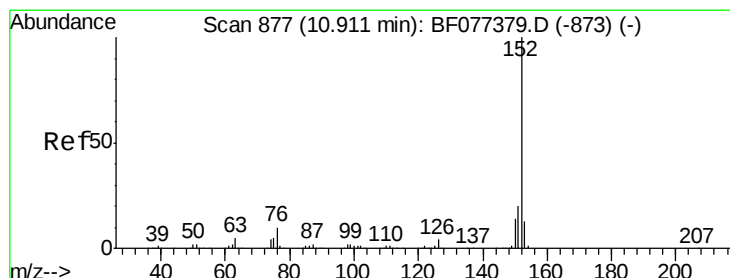
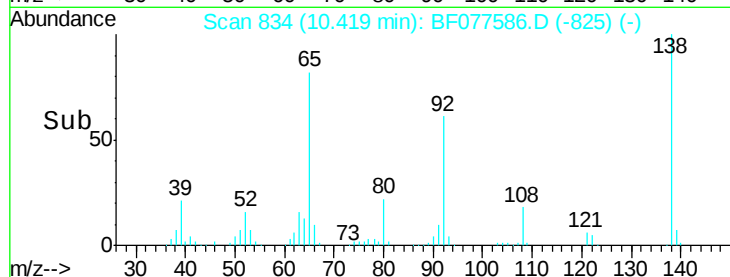
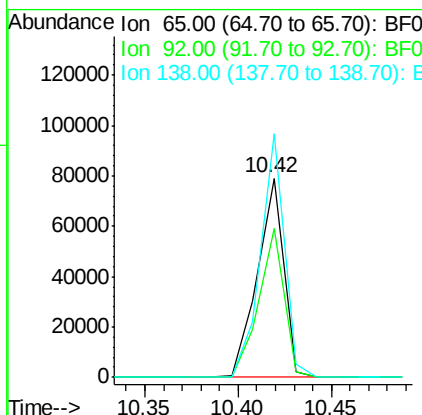
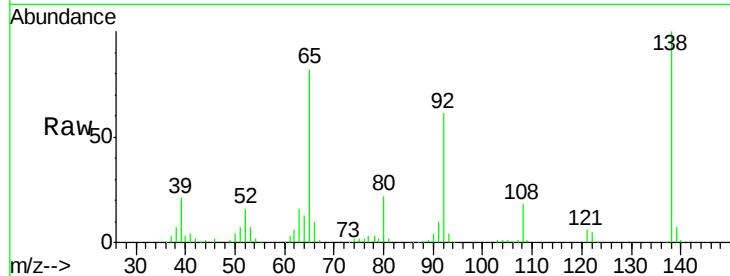
#47
2-Nitroaniline
Concen: 42.65 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion: 65 Resp: 76854
Ion Ratio Lower Upper
65 100
92 74.4 52.4 78.6
138 122.1 73.4 110.0#

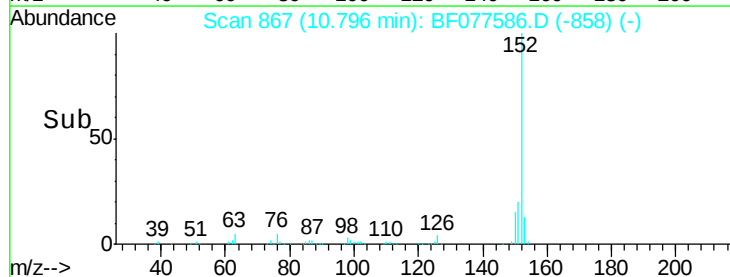
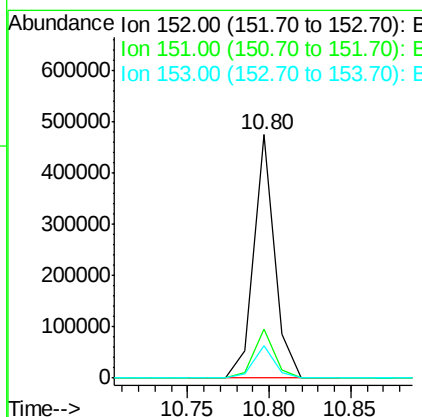
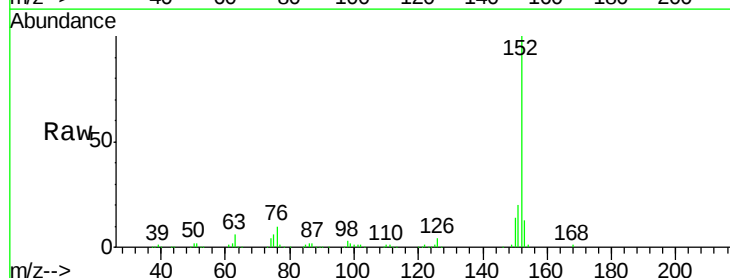
Manual Integrations
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#48
Acenaphthylene
Concen: 36.46 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion: 152 Resp: 422484
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.9 16.3





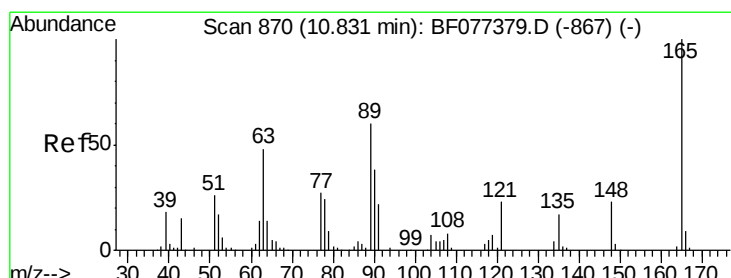
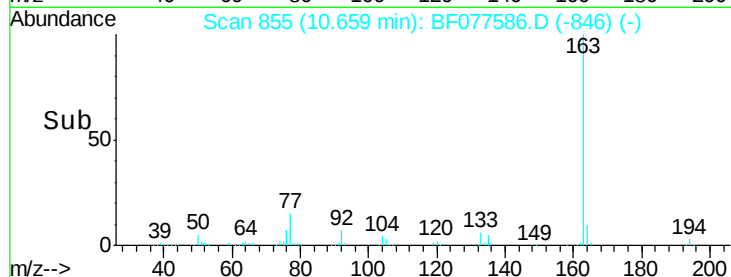
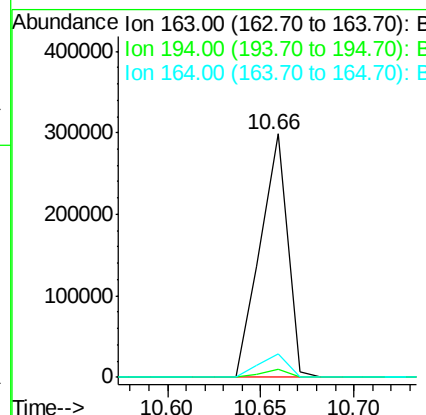
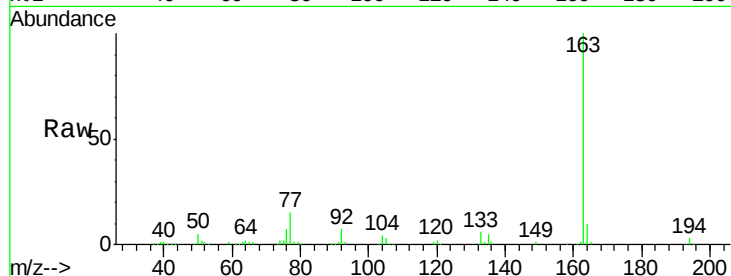
#49
Dimethylphthalate
Concen: 35.08 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.6	13.0

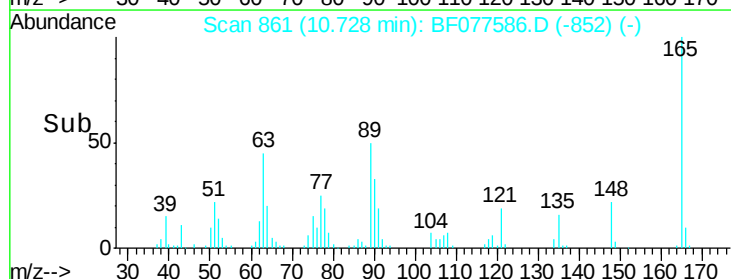
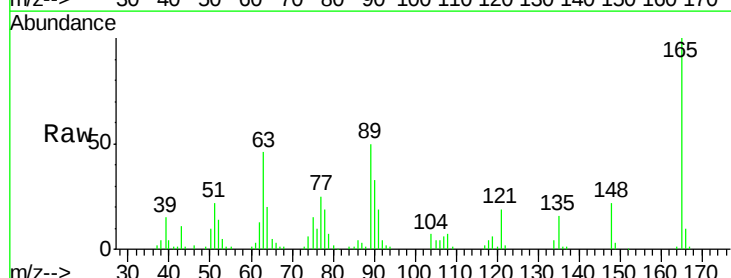
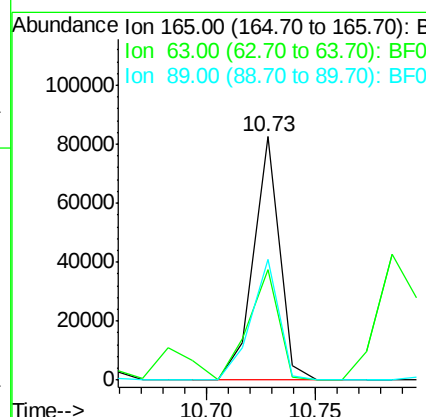
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 39.58 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.5	25.2	37.8#
89	49.7	30.5	45.7#





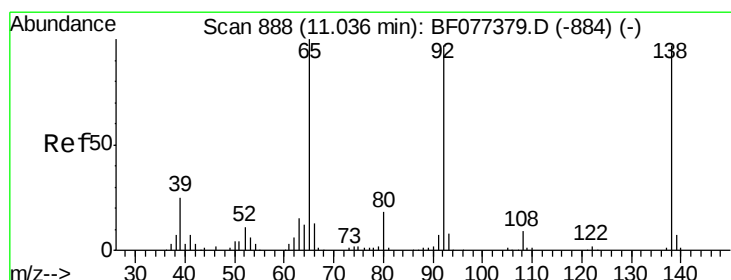
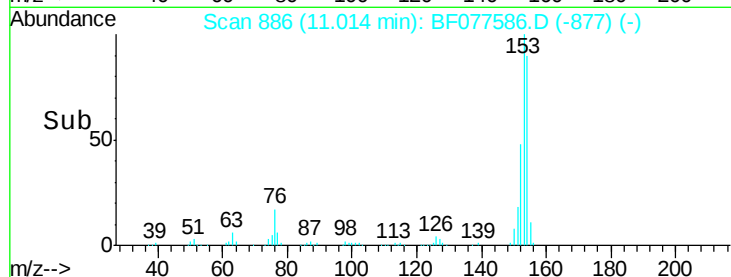
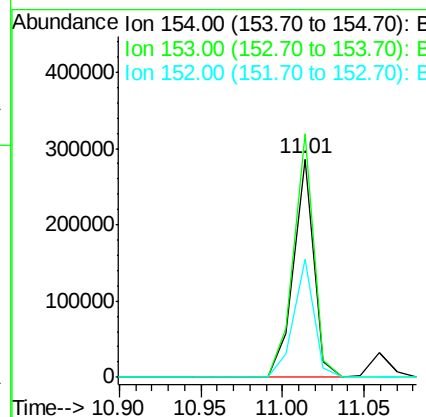
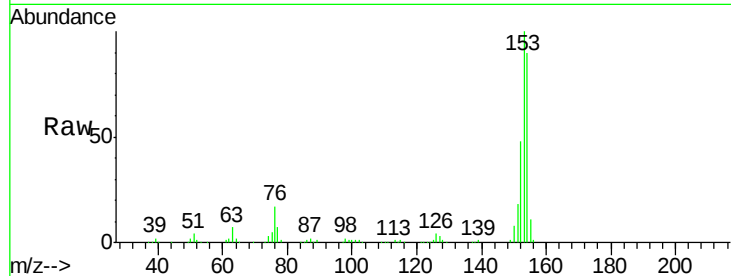
#51
Acenaphthene
Concen: 36.13 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	249861		
153	111.5	90.5	135.7	
152	54.0	43.5	65.3	

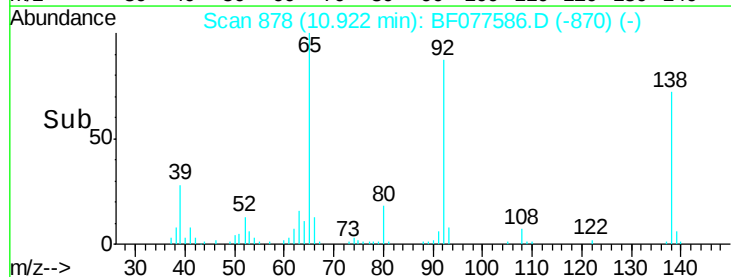
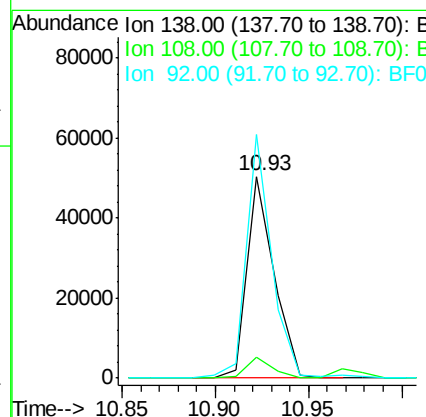
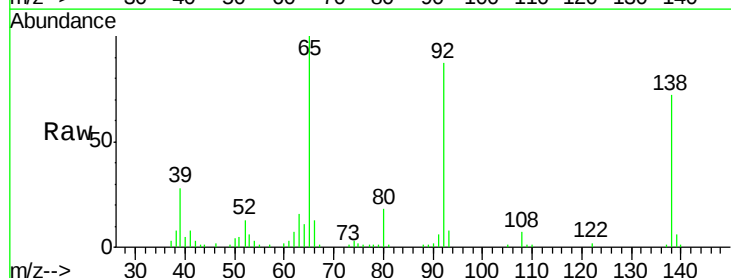
Manual Integrations
APPROVED

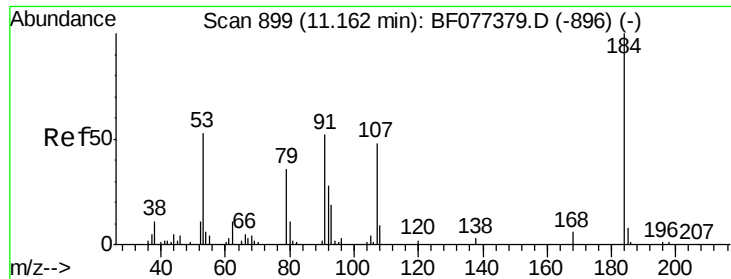
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#52
3-Nitroaniline
Concen: 25.23 ng
RT: 10.93 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

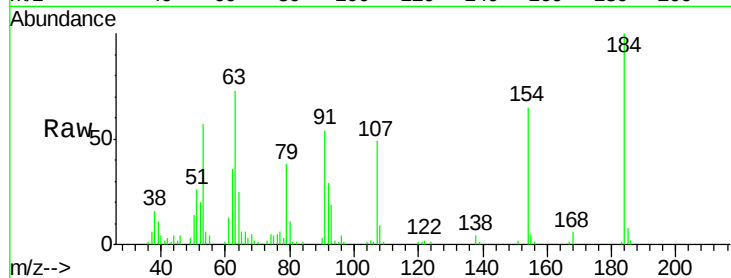
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	50513		
108	10.3	7.8	11.8	
92	120.7	90.6	135.8	





#53
2,4-Dinitrophenol
Concen: 83.10 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

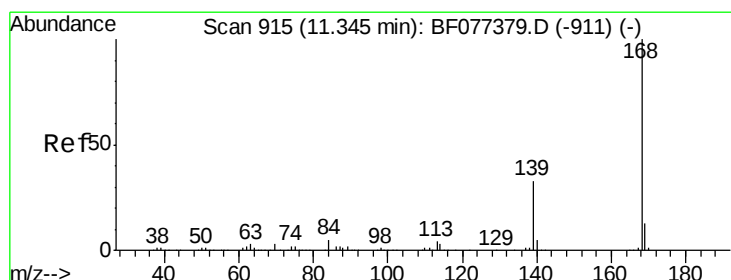
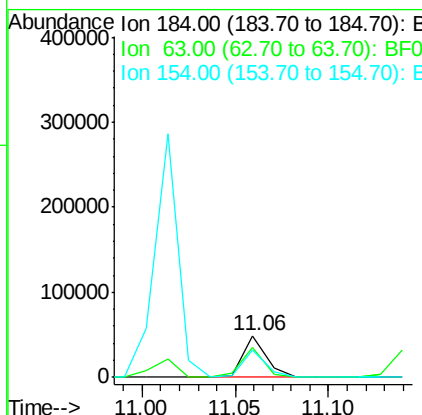
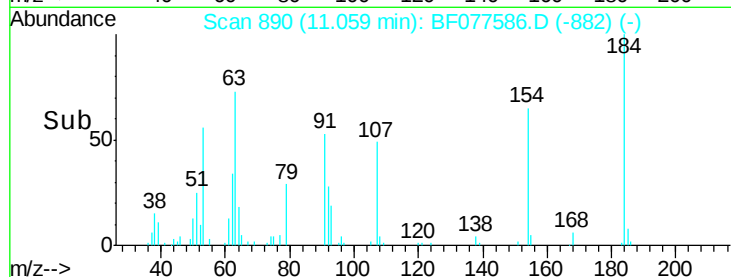
Instrument :
BNA_F
ClientSampled :
PB81974BS



Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	29.5	44.3#
154	65.5	43.2	64.8#

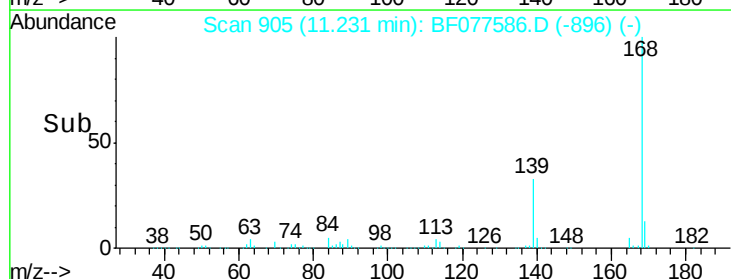
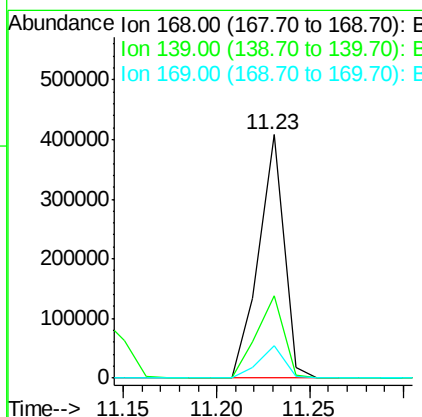
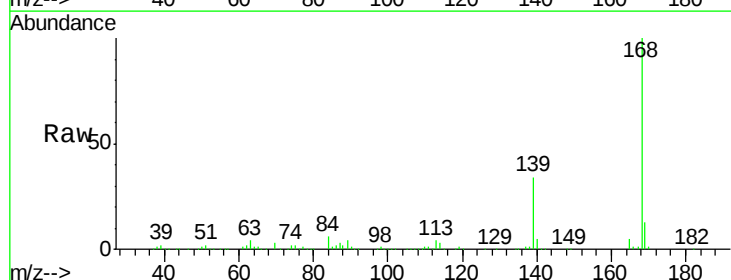
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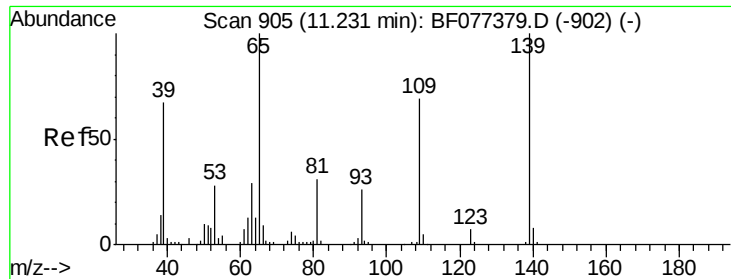
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#54
Dibenzofuran
Concen: 36.03 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.1	29.3	43.9
169	13.3	10.9	16.3





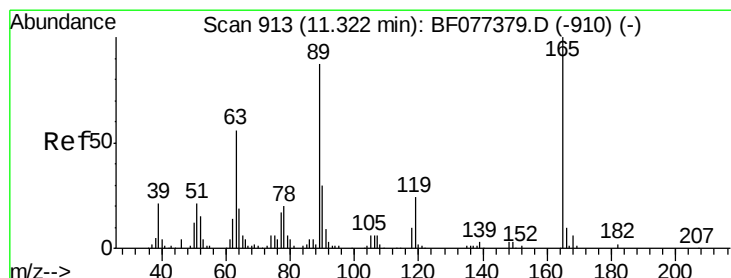
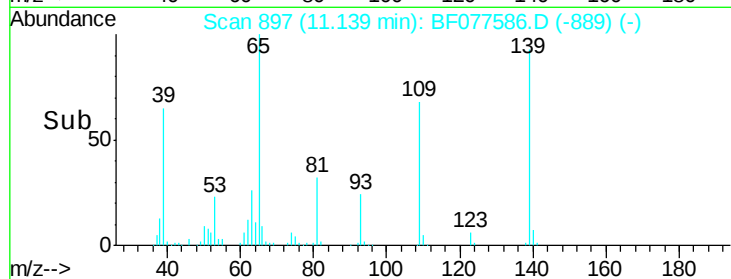
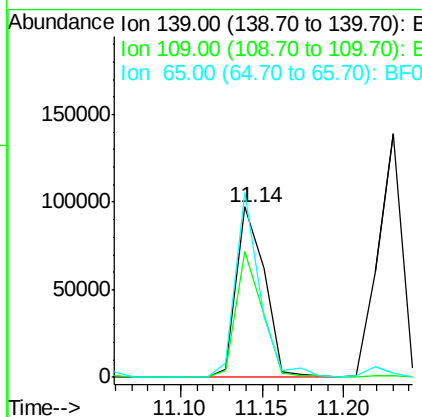
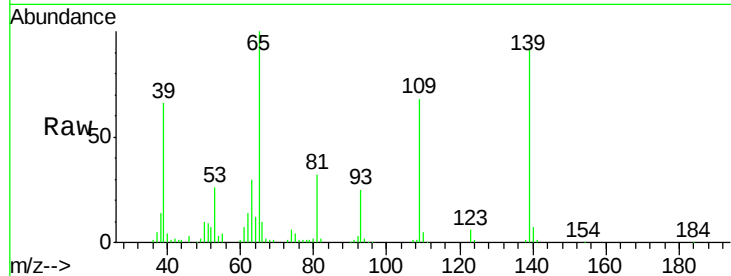
#55
4-Nitrophenol
Concen: 72.69 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117077		
109	73.8	36.2	76.2	
65	108.5	40.3	80.3#	

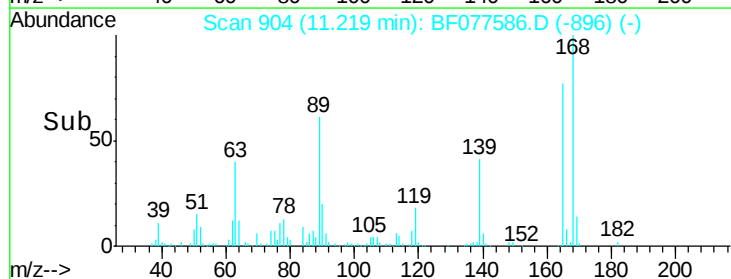
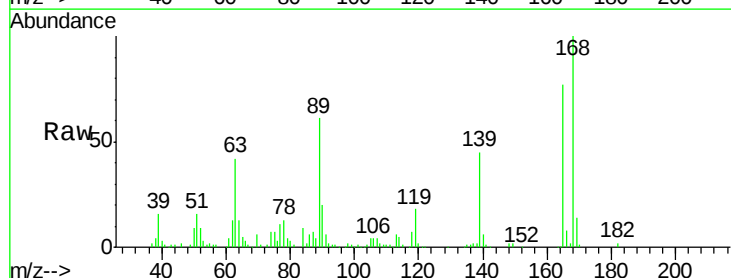
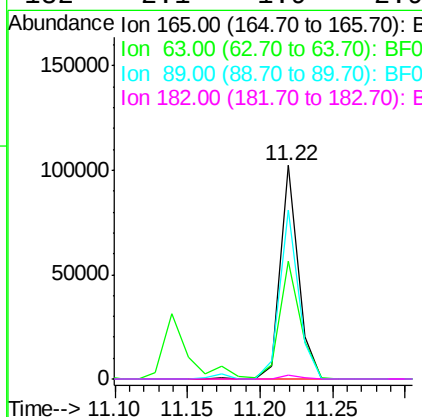
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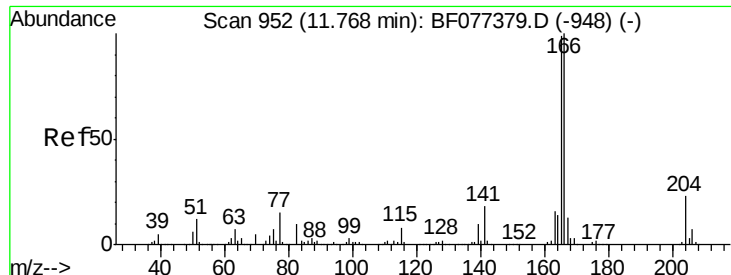
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#56
2,4-Dinitrotoluene
Concen: 37.85 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88814		
63	55.1	29.8	44.8#	
89	79.3	48.5	72.7#	
182	2.1	1.9	2.9	





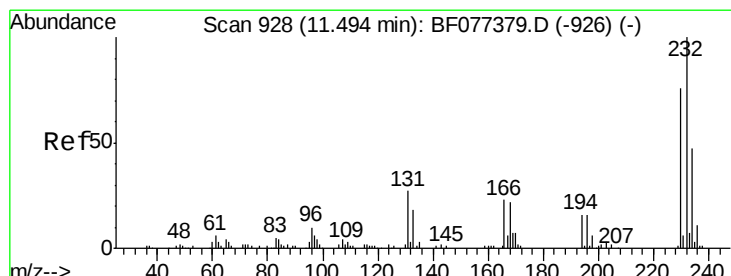
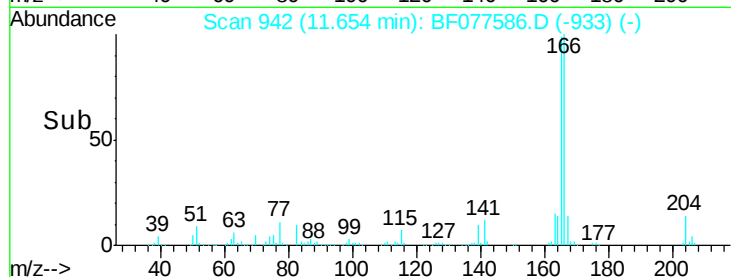
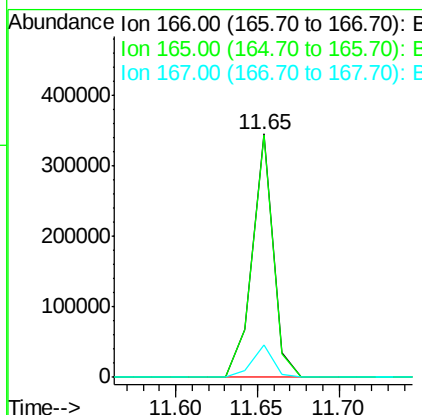
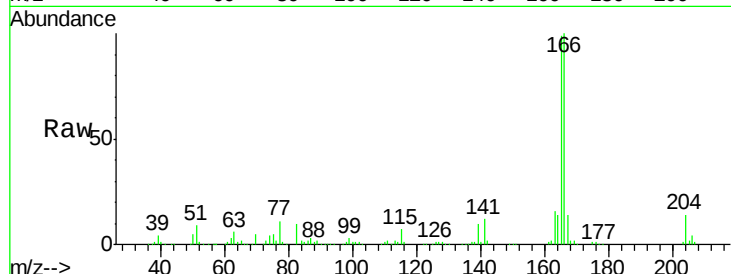
#57
Fluorene
 Concen: 36.03 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	307588		
165	99.4	77.6	116.4	
167	13.6	10.6	16.0	

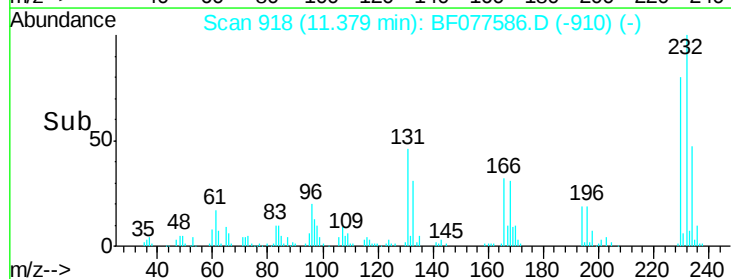
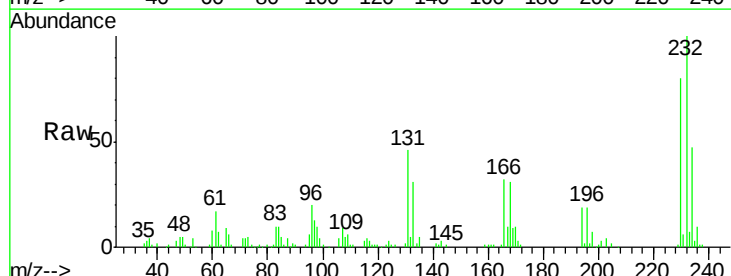
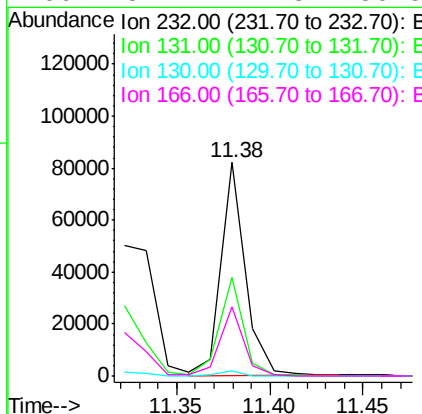
Manual Integrations
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.04 ng
 RT: 11.38 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	74544		
131	46.4	34.2	51.2	
130	2.1	1.8	2.6	
166	31.7	24.3	36.5	





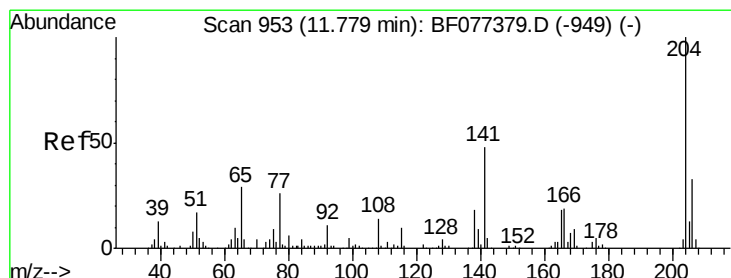
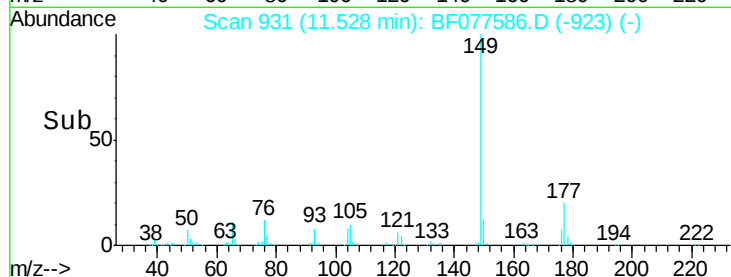
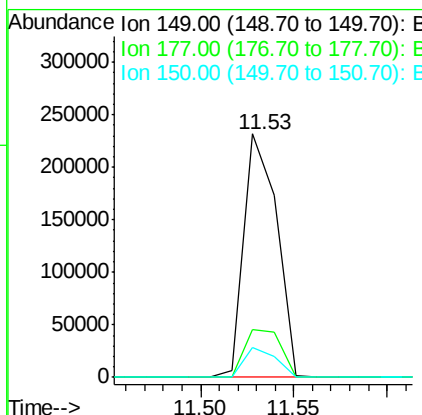
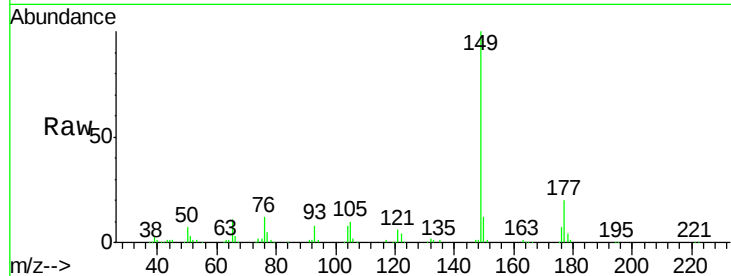
#59
Diethylphthalate
Concen: 33.24 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.7	17.2	25.8
150	12.4	10.5	15.7

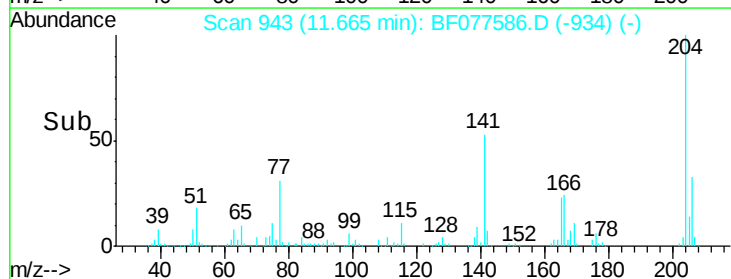
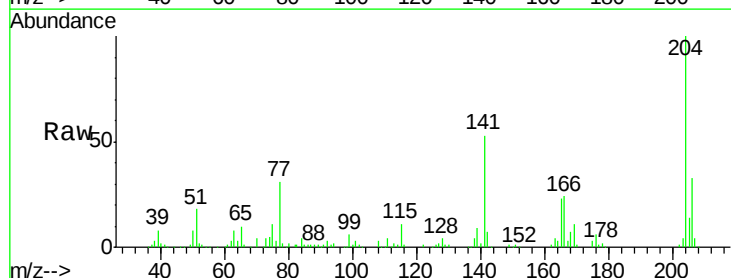
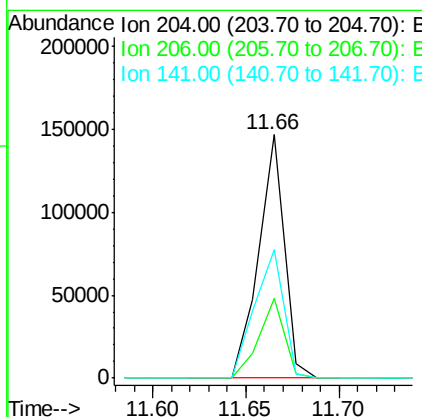
Manual Integrations
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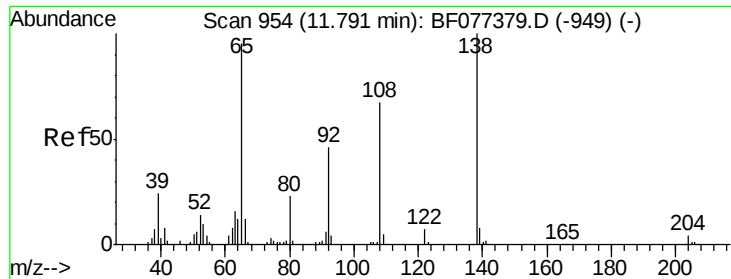
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#60
4-Chlorophenyl-phenylether
Concen: 33.85 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

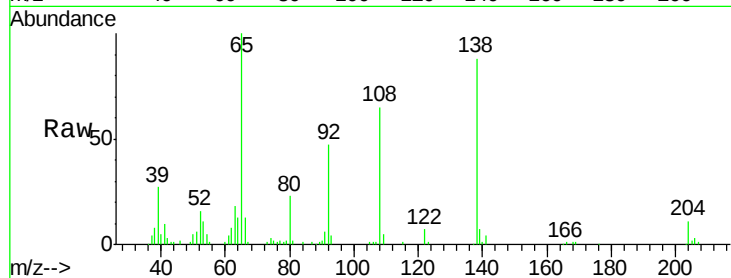
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.0	25.9	38.9
141	52.8	43.6	65.4





#61
4-Nitroaniline
Concen: 36.96 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

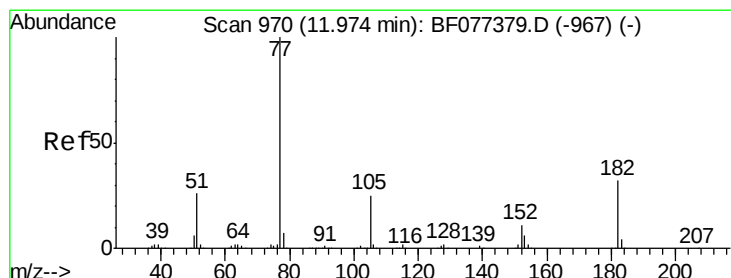
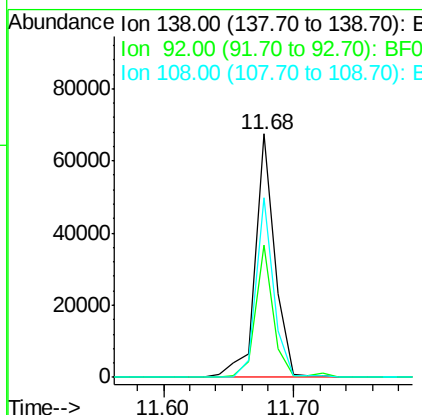
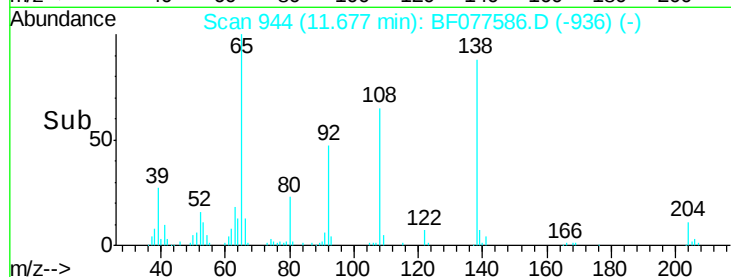
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	32.8	72.8
108	74.0	52.1	92.1

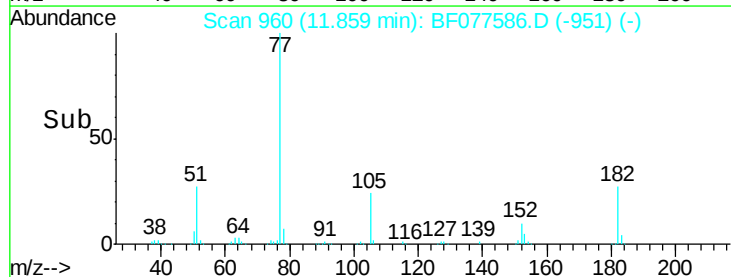
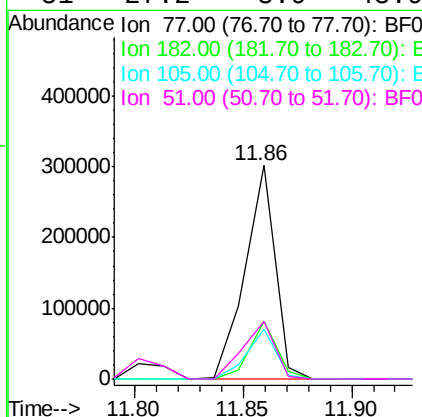
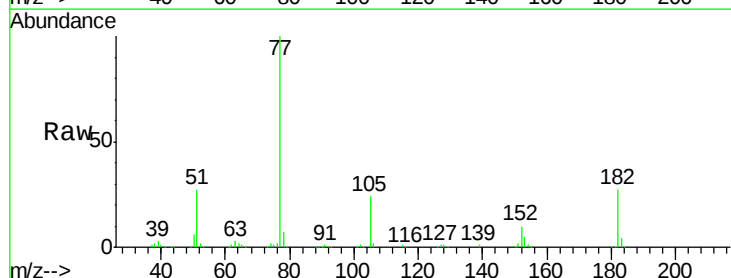
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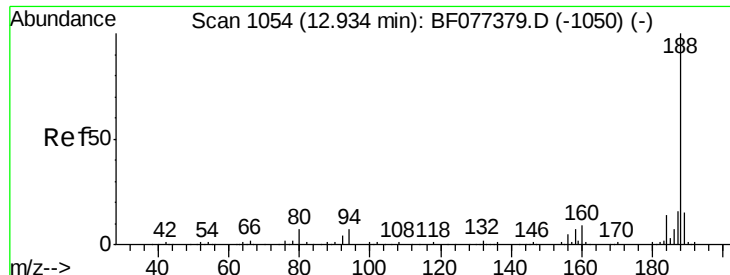
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#62
Azobenzene
Concen: 35.87 ng
RT: 11.86 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.9	44.9
105	23.6	3.3	43.3
51	27.2	8.9	48.9





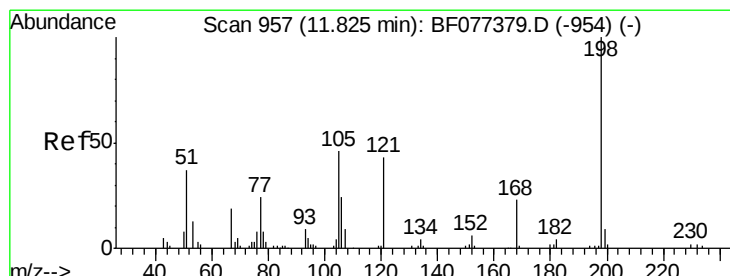
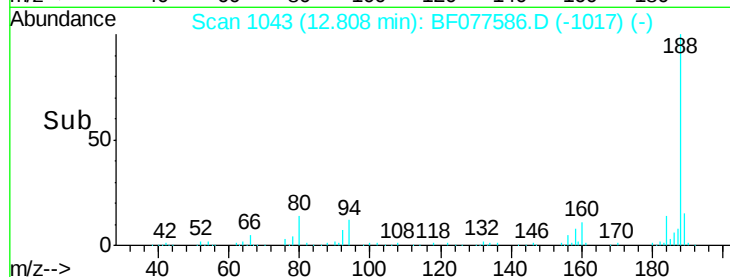
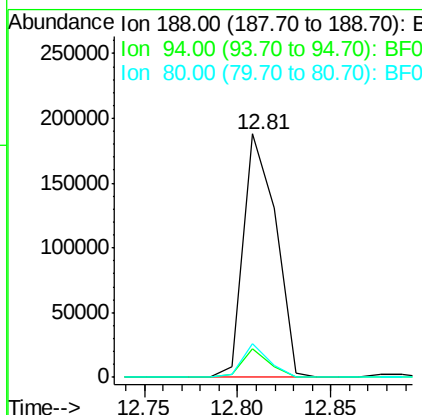
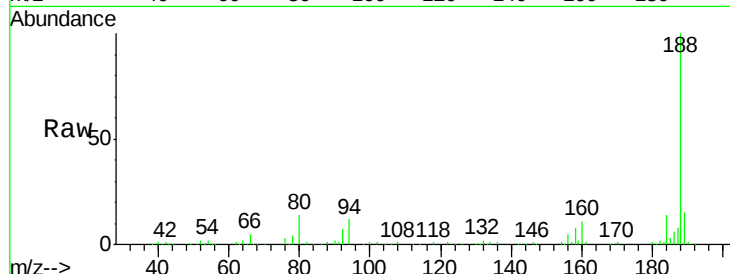
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	7.4	11.2#
80	13.7	8.0	12.0#

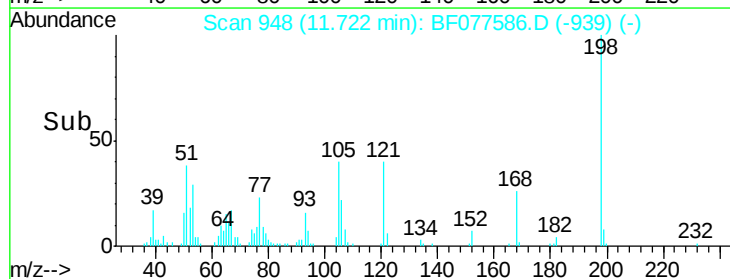
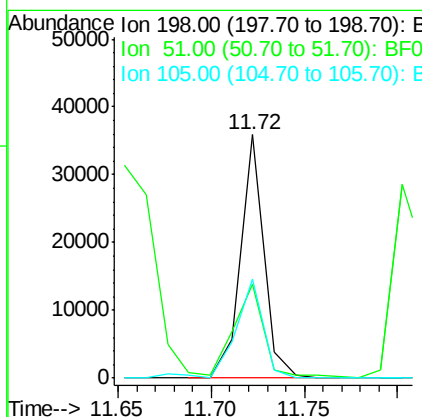
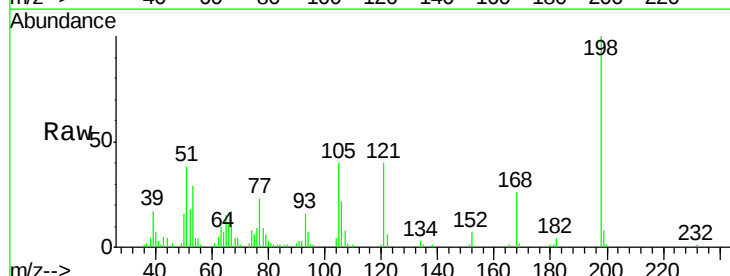
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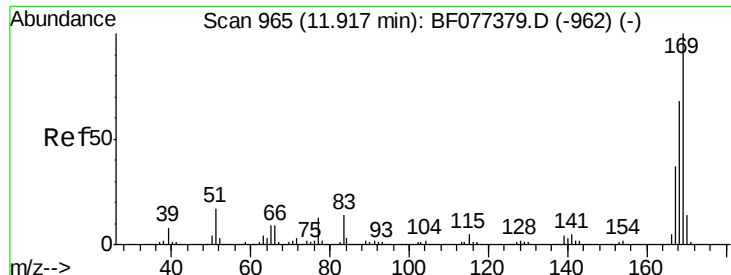
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.71 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

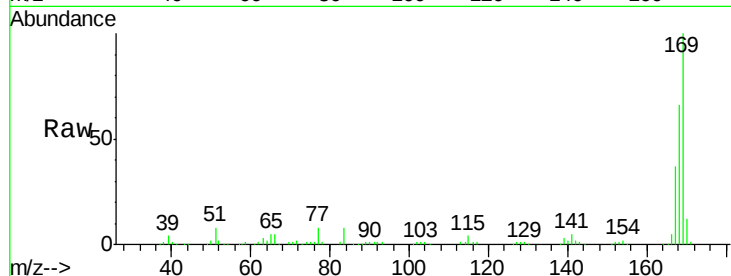
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.4	2.7	42.7
105	40.4	10.0	50.0





#65
n-Nitrosodiphenylamine
Concen: 35.89 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

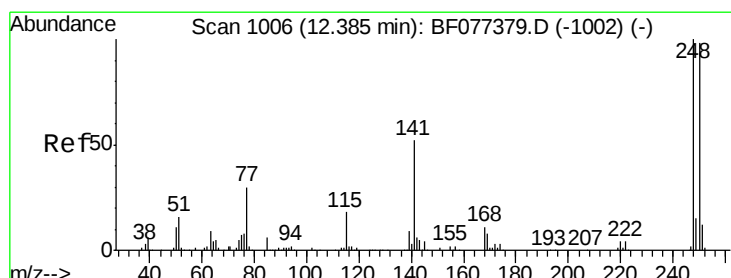
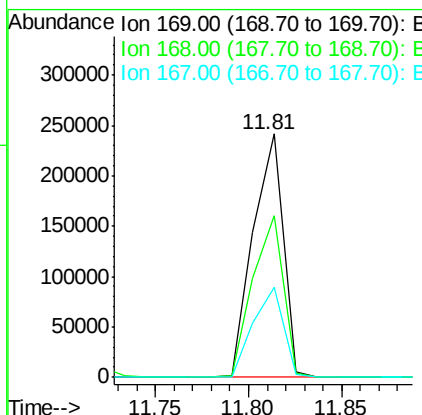
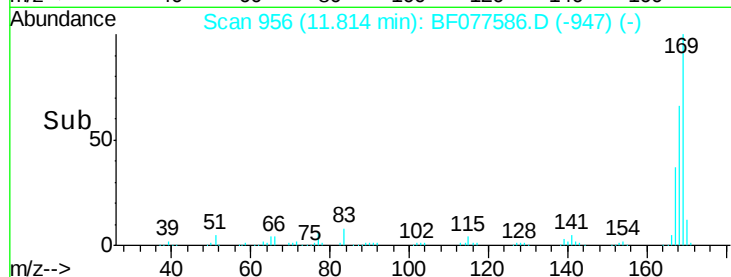
Instrument :
BNA_F
ClientSampleId :
PB81974BS



Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	37.2	29.5	44.3

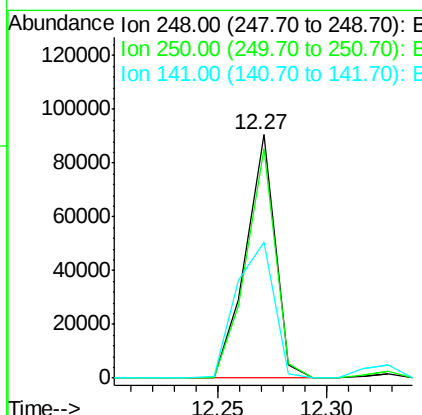
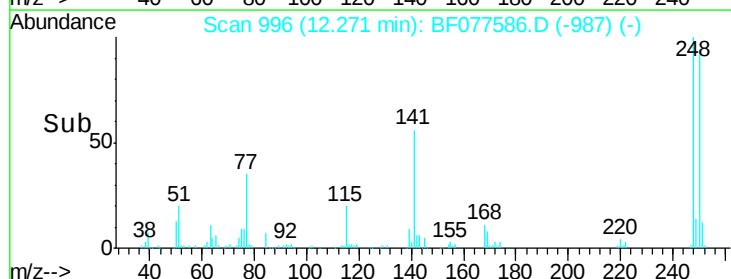
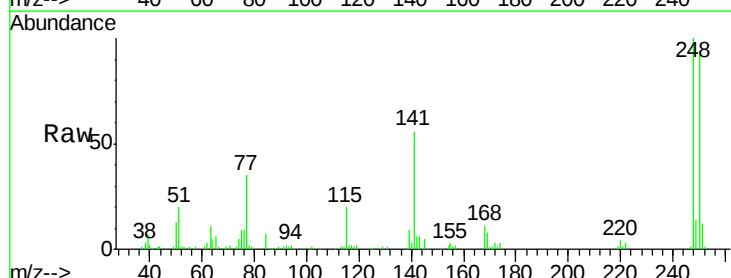
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#66
4-Bromophenyl-phenylether
Concen: 32.21 ng
RT: 12.27 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.0	117.0
141	55.7	54.1	81.1





#67

Hexachlorobenzene

Concen: 33.13 ng

RT: 12.33 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

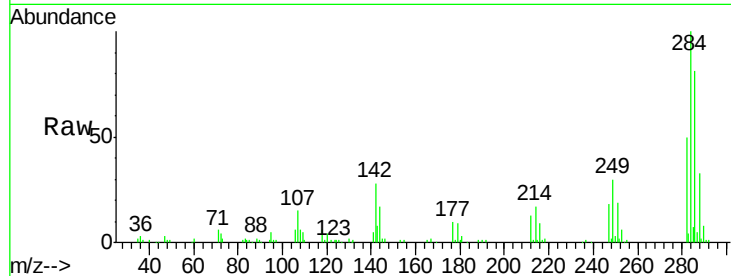
ClientSampleId :

PB81974BS

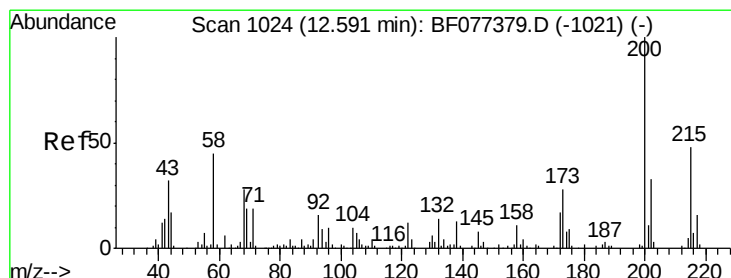
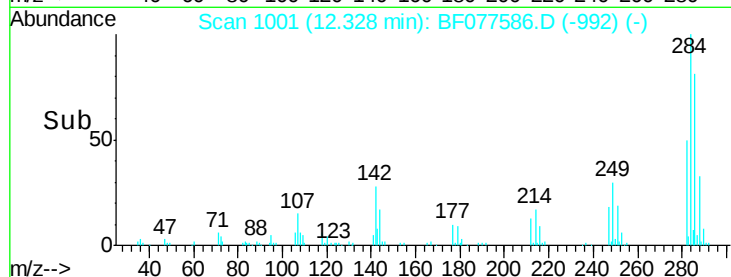
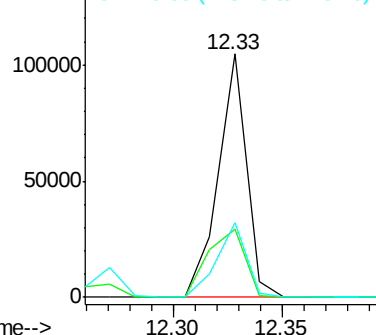
Tgt Ion:	284	Resp:	94390
Ion Ratio	Lower	Upper	
284	100		
142	28.0	31.6	47.4#
249	30.4	27.0	40.4

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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: 33.69 ng

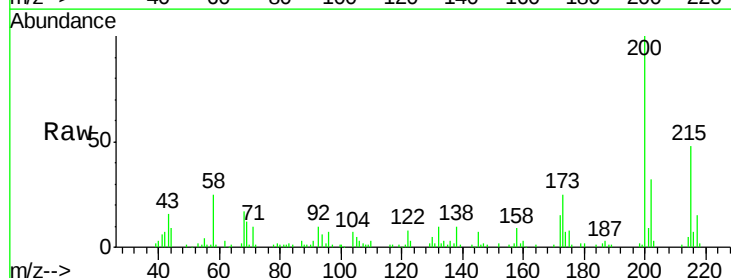
RT: 12.48 min Scan# 1015

Delta R.T. -0.00 min

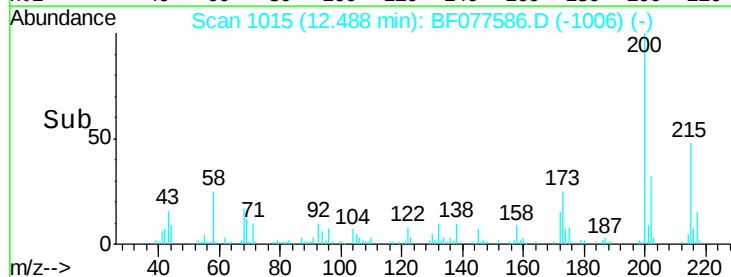
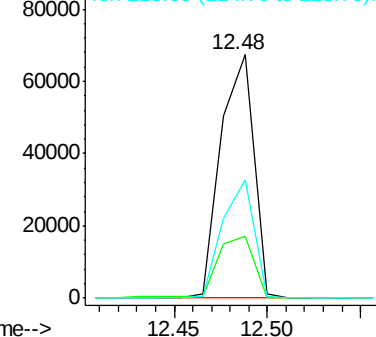
Lab File: BF077586.D

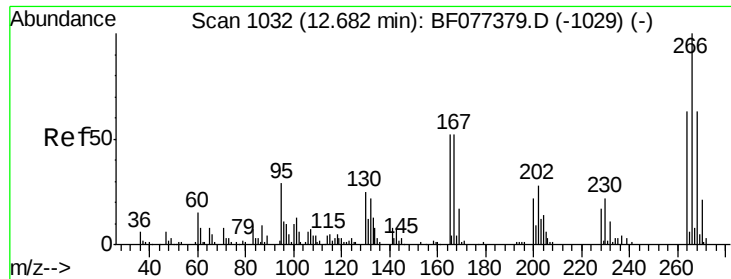
Acq: 4 Mar 2015 17:15

Tgt Ion:	200	Resp:	82376
Ion Ratio	Lower	Upper	
200	100		
173	25.3	9.6	49.6
215	48.3	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





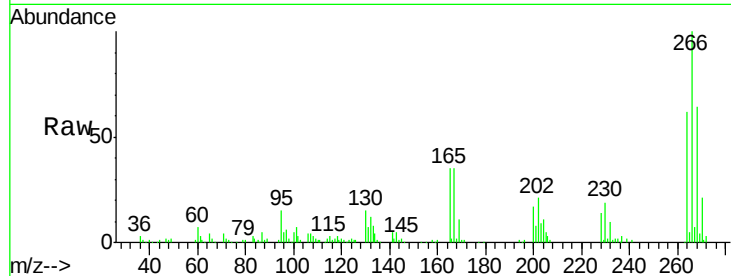
#69
 Pentachlorophenol
 Concen: 68.77 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

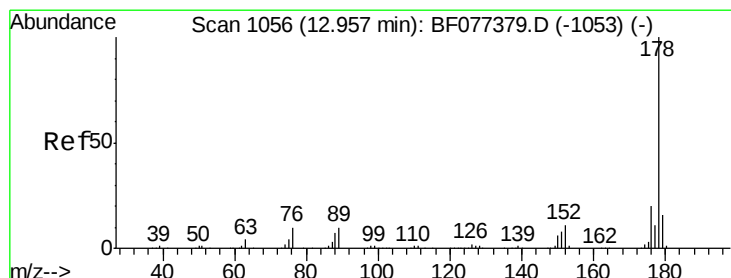
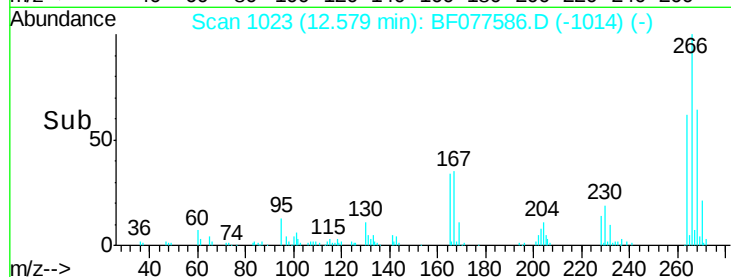
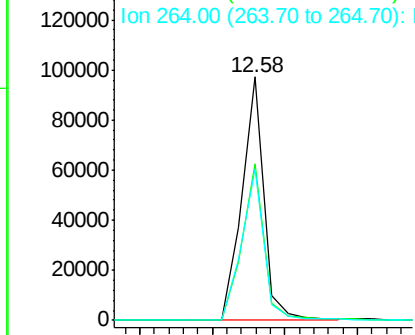
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	102989		
268	64.5	51.2	76.8	
264	62.0	50.7	76.1	

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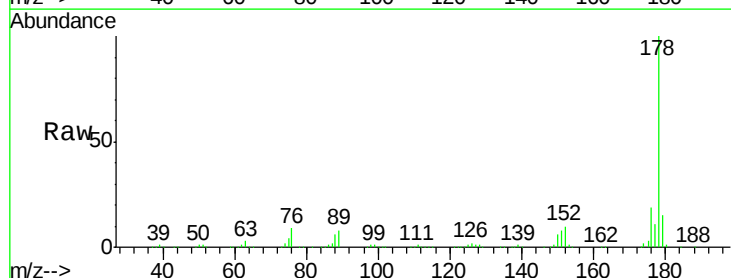


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

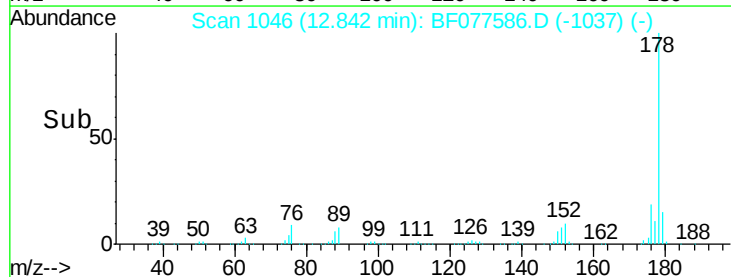
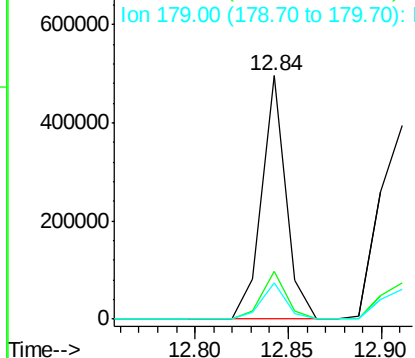


#70
 Phenanthrene
 Concen: 34.52 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	453568		
176	19.4	15.5	23.3	
179	15.1	12.2	18.2	



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





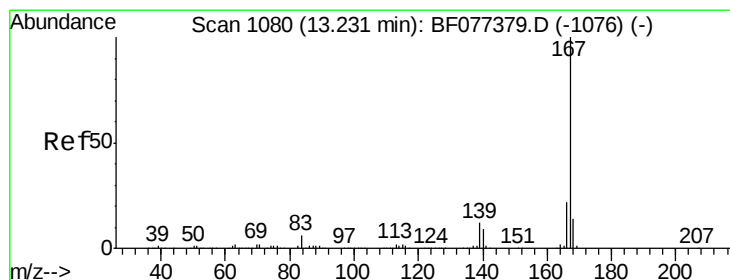
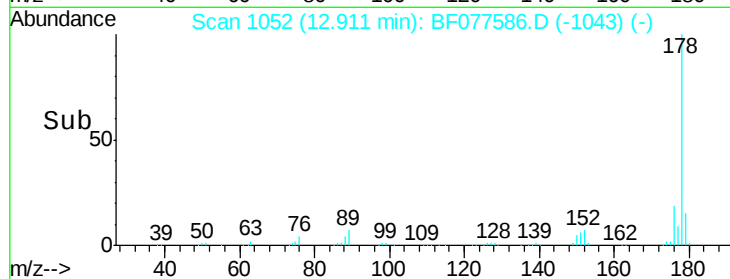
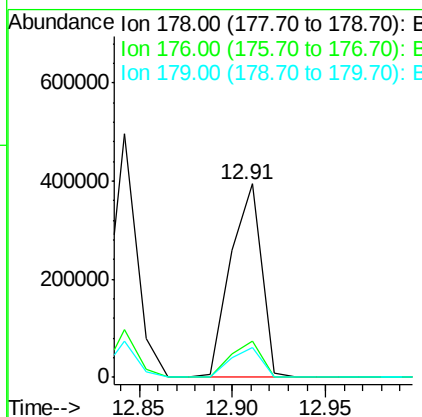
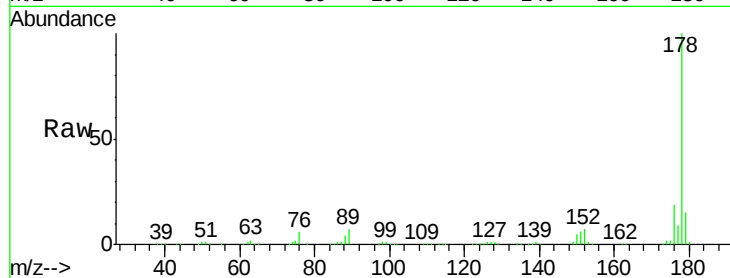
#71
 Anthracene
 Concen: 35.17 ng
 RT: 12.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	458591		
176	18.6	15.4	23.0	
179	15.2	12.9	19.3	

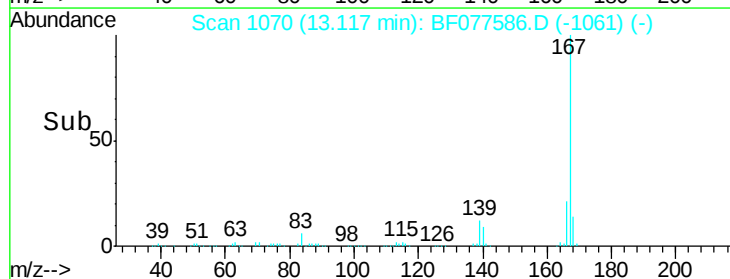
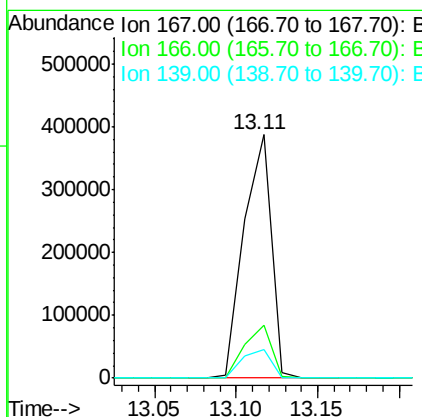
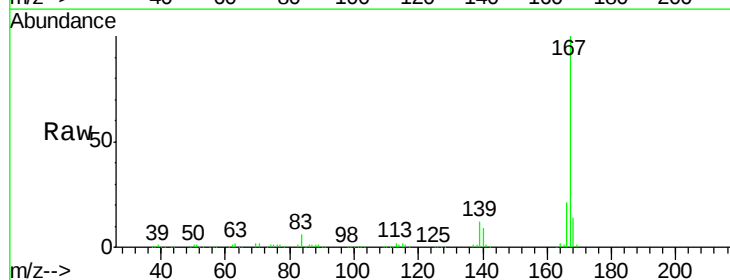
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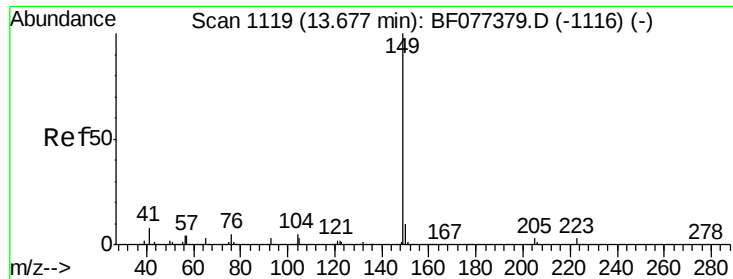
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#72
 Carbazole
 Concen: 36.41 ng
 RT: 13.11 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	451349		
166	21.5	17.6	26.4	
139	11.9	9.9	14.9	





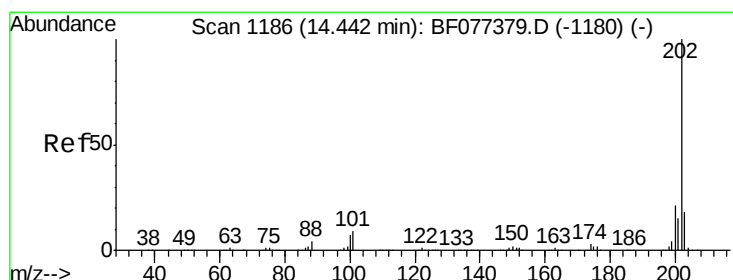
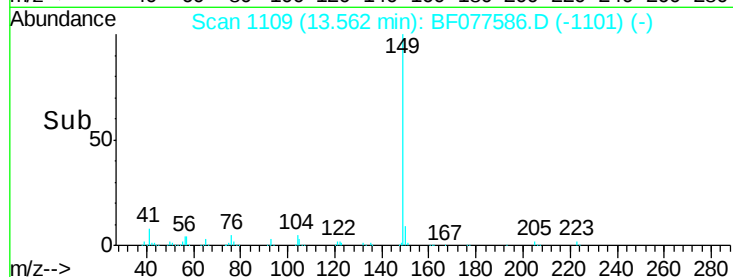
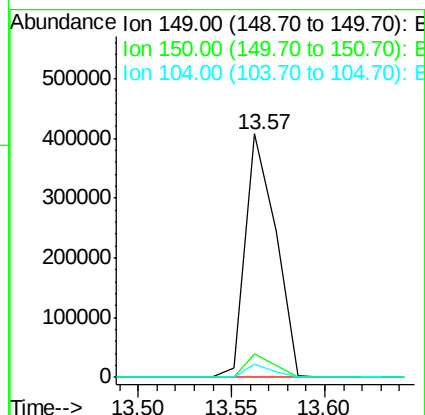
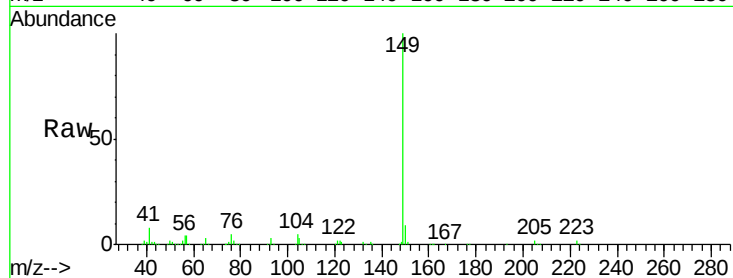
#73
Di-n-butylphthalate
Concen: 31.65 ng
RT: 13.57 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	460683		
150	9.5	7.8	11.8	
104	5.3	4.1	6.1	

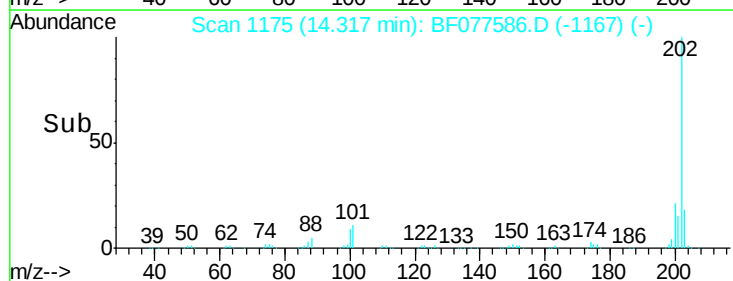
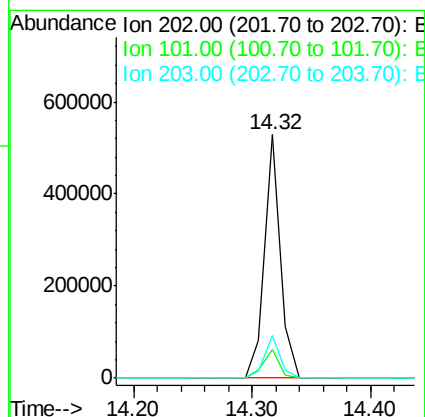
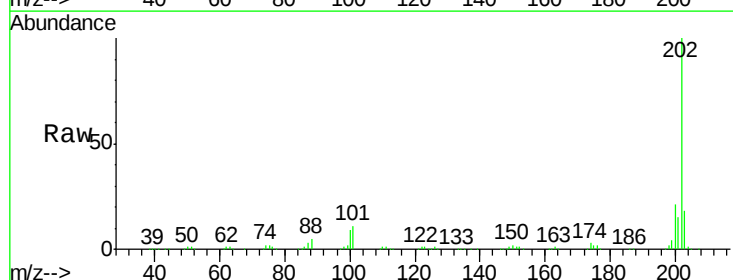
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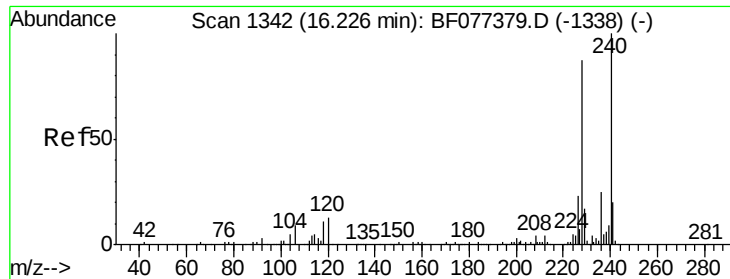
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#74
Fluoranthene
Concen: 34.81 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	499636		
101	11.5	0.0	30.8	
203	17.7	0.0	37.7	





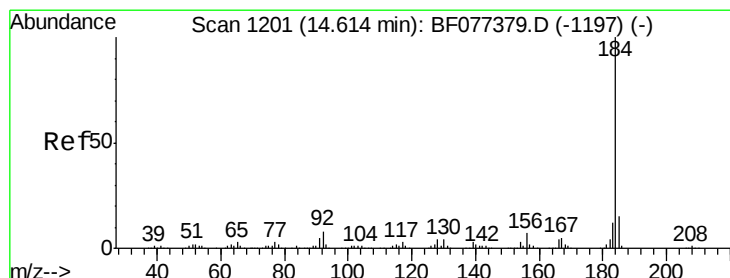
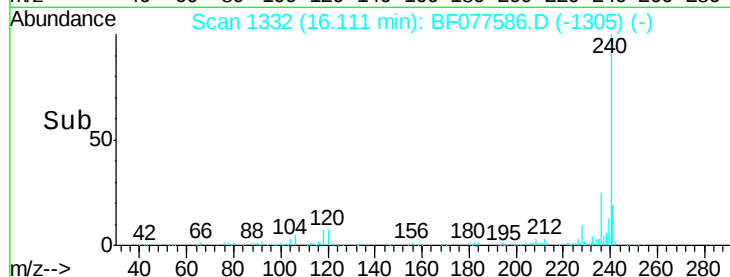
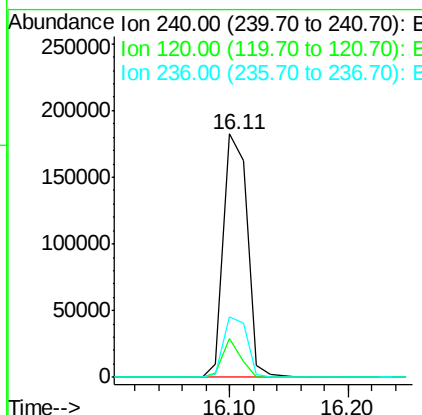
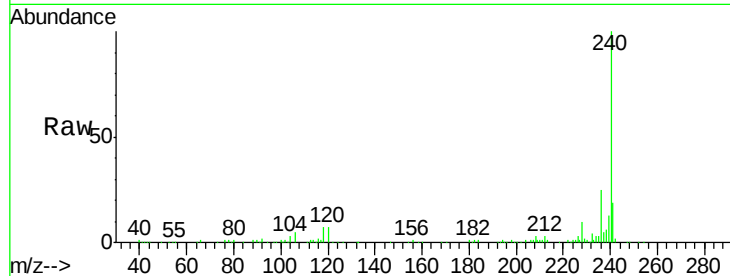
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.5	8.8	13.2#
236	25.3	20.7	31.1

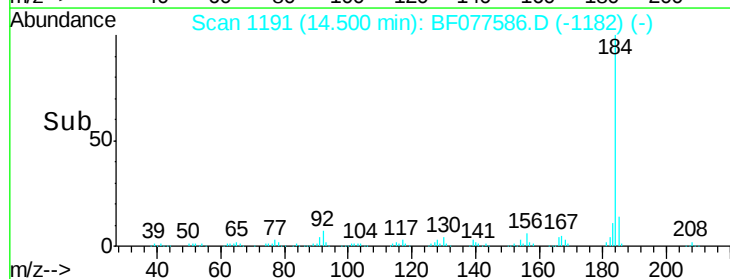
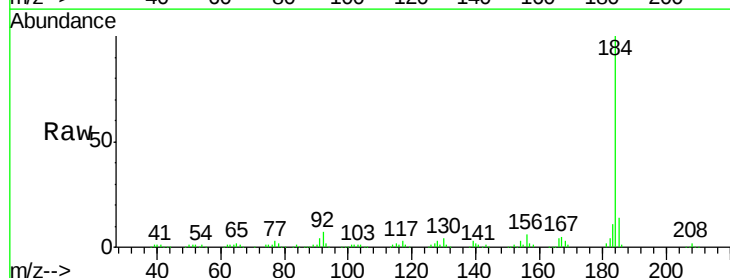
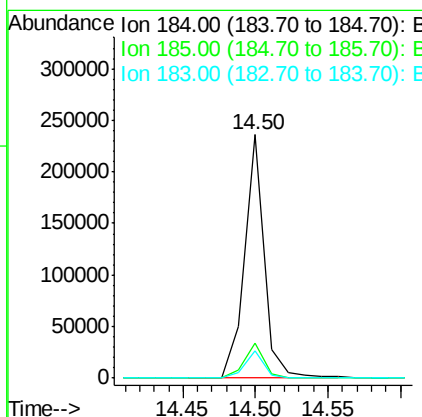
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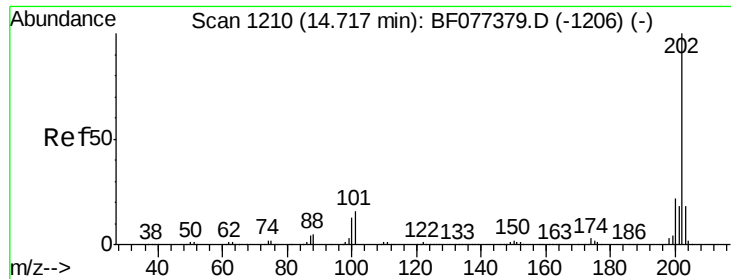
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#76
Benzidine
Concen: 26.10 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.5	12.6	18.8
183	11.2	9.3	13.9





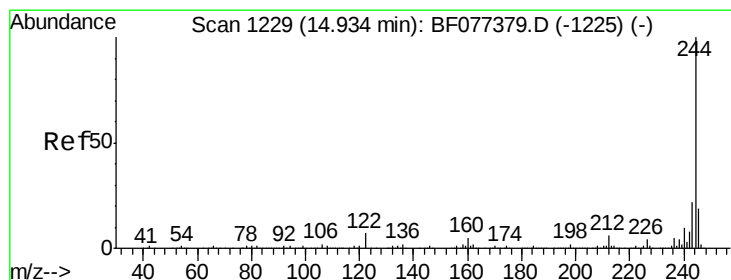
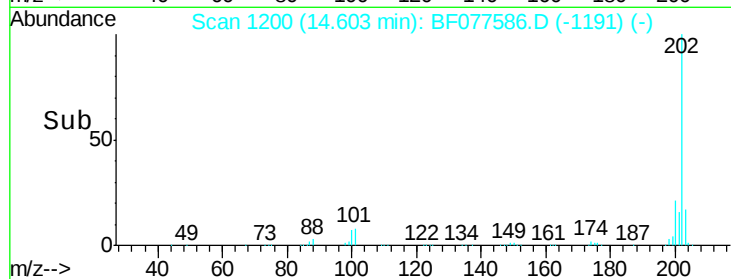
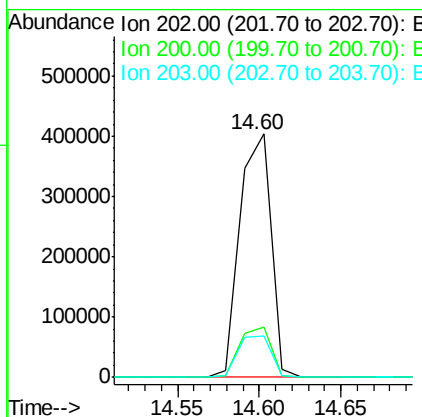
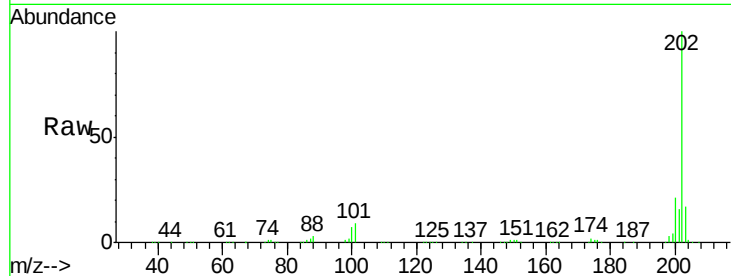
#77
 Pyrene
 Concen: 34.57 ng
 RT: 14.60 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleID :
 PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	533590		
200	20.7		17.1	25.7
203	16.9		14.2	21.2

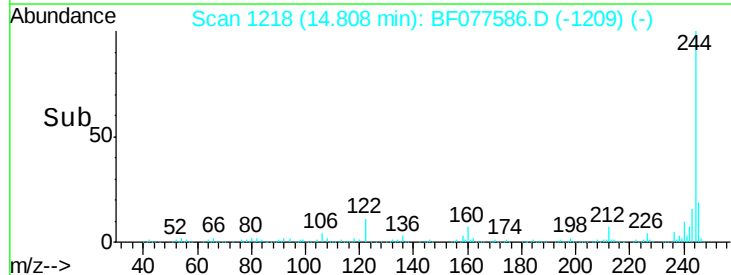
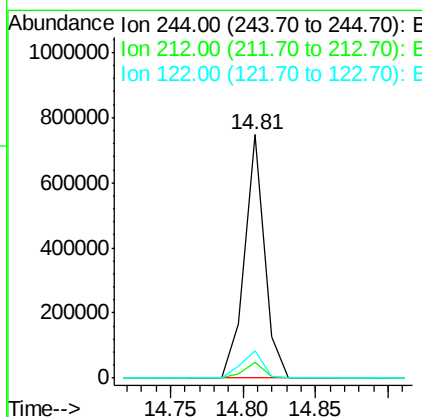
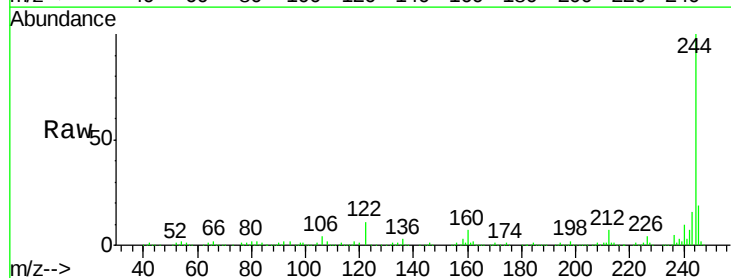
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#78
 Terphenyl-d14
 Concen: 66.55 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	718337		
212	6.6		5.2	7.8
122	11.4		7.8	11.8





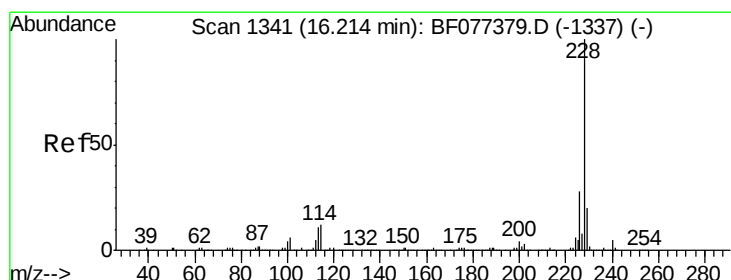
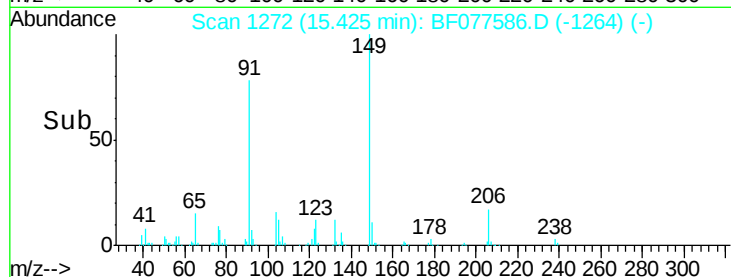
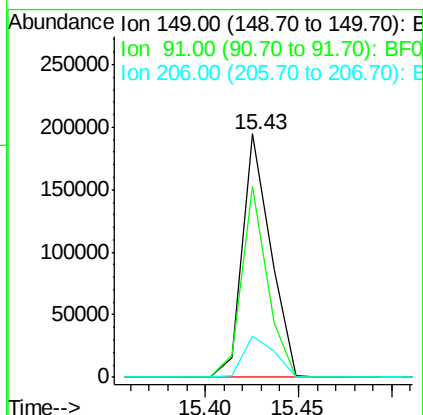
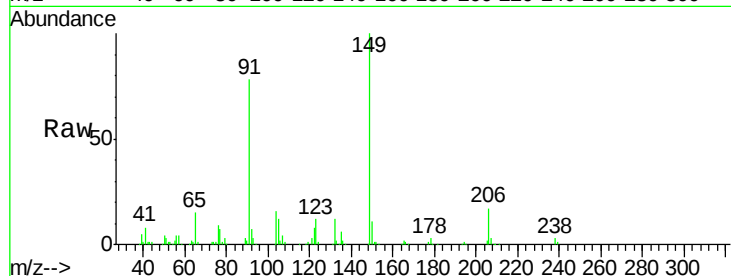
#79
Butylbenzylphthalate
Concen: 32.13 ng
RT: 15.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204069		
91	78.3	51.2	76.8#	
206	16.9	17.8	26.8#	

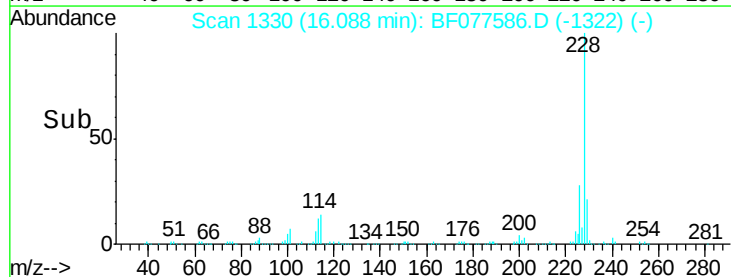
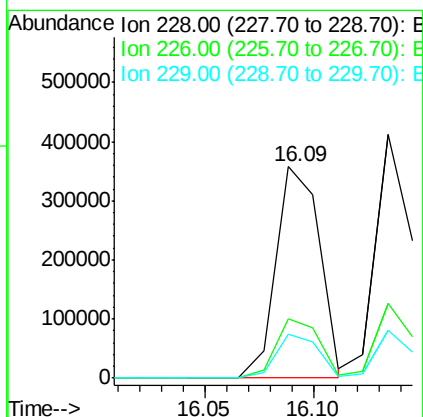
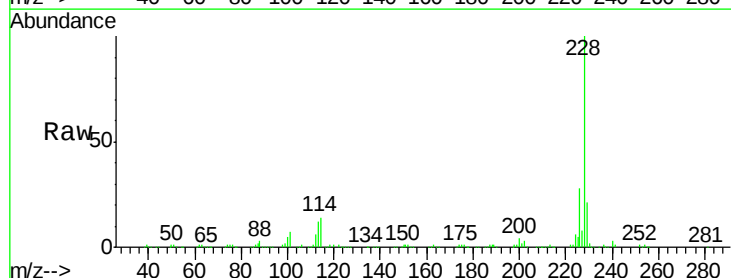
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#80
Benzo(a)anthracene
Concen: 33.92 ng
RT: 16.09 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	501742		
226	28.1	22.0	33.0	
229	20.7	15.8	23.8	





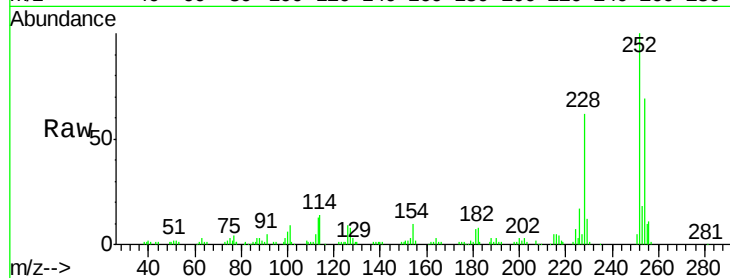
#81
 3,3'-Dichlorobenzidine
 Concen: 19.90 ng
 RT: 16.07 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	107853		
254	68.8	52.9	79.3	
126	8.7	7.3	10.9	

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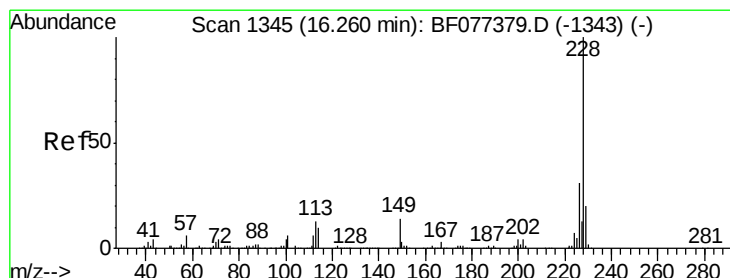
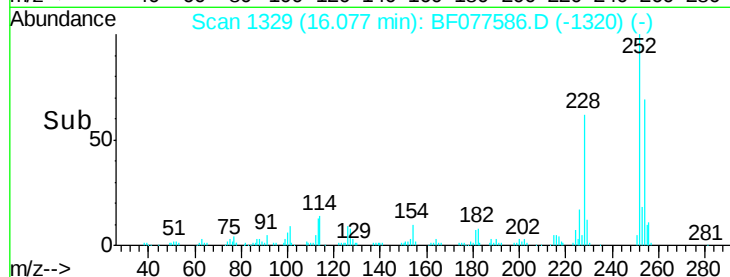
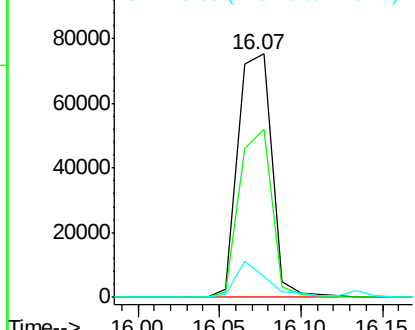


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 34.11 ng
 RT: 16.14 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

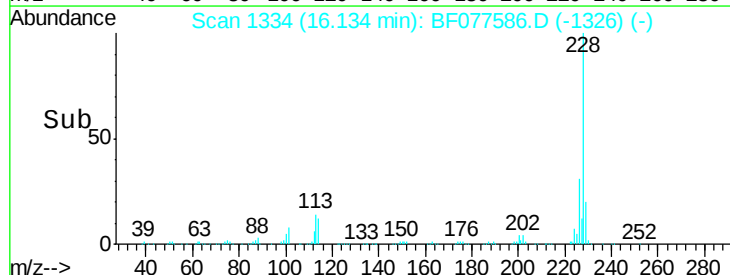
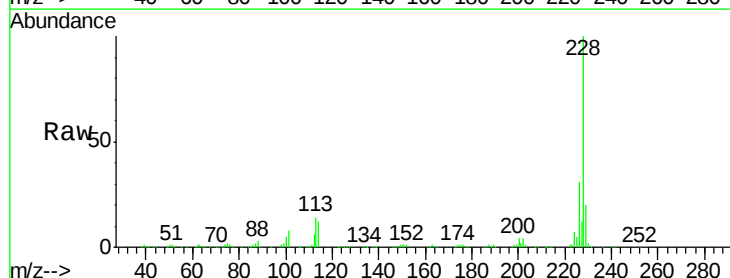
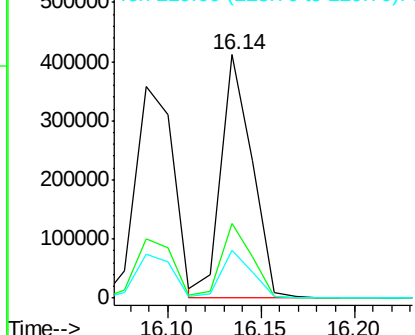
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	473743		
226	30.9	24.9	37.3	
229	19.7	16.4	24.6	

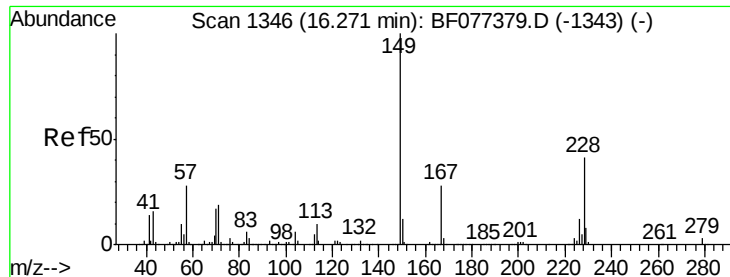
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





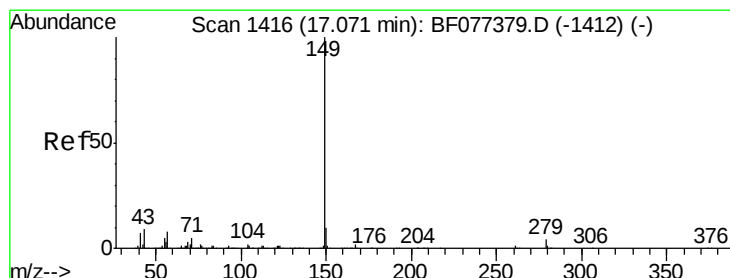
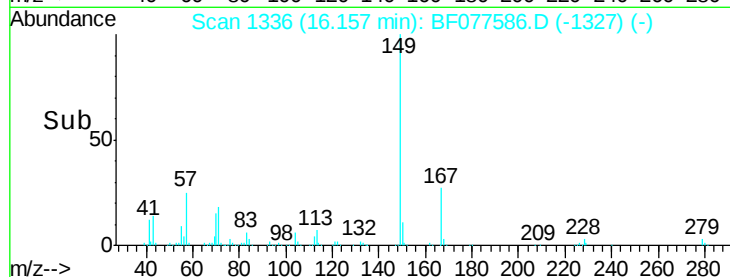
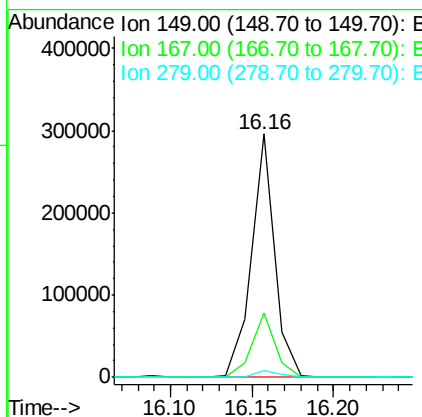
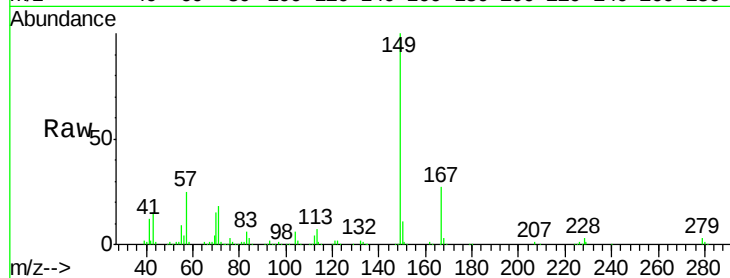
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.77 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	292964		
167	26.6	22.8	34.2	
279	3.0	3.8	5.6	

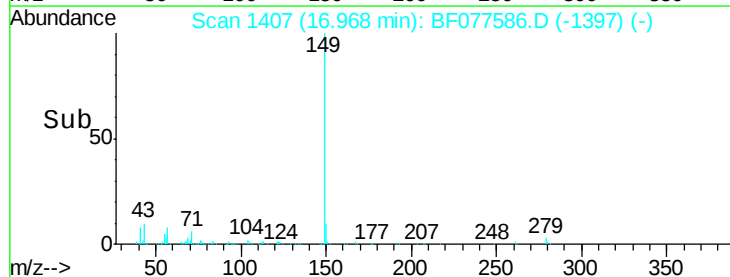
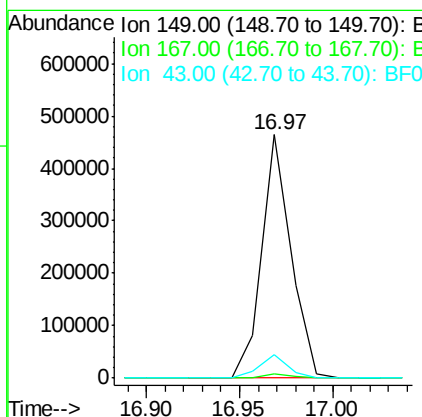
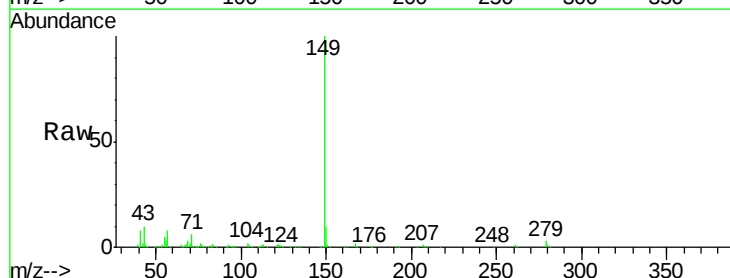
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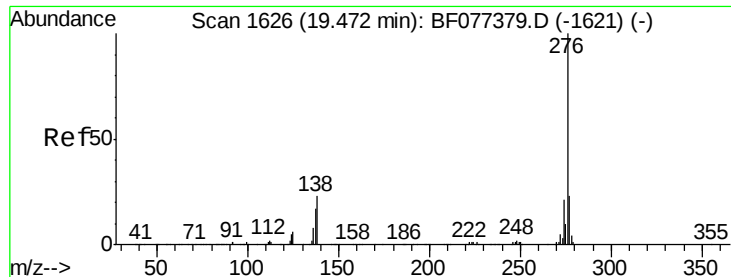
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#84
 Di-n-octyl phthalate
 Concen: 29.56 ng
 RT: 16.97 min Scan# 1407
 Delta R.T. 0.02 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	502651		
167	1.6	1.3	1.9	
43	9.9	8.1	12.1	





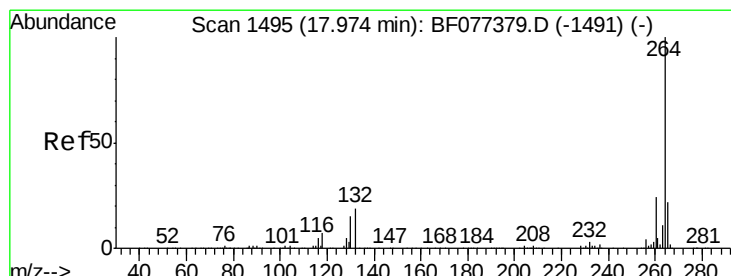
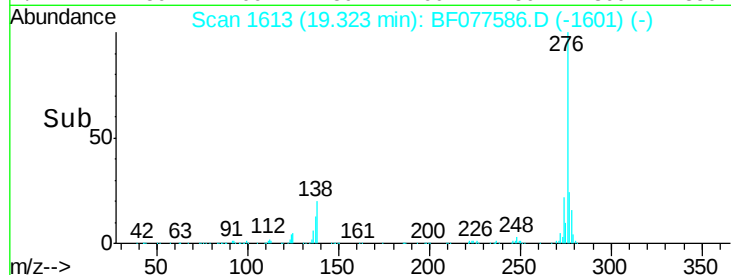
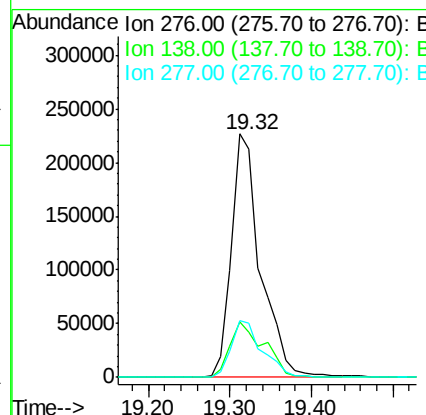
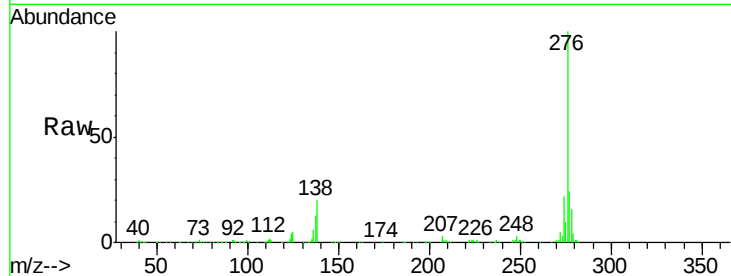
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.62 ng
 RT: 19.32 min Scan# 1613
 Delta R.T. 0.04 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB81974BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	24.6	20.0	30.0

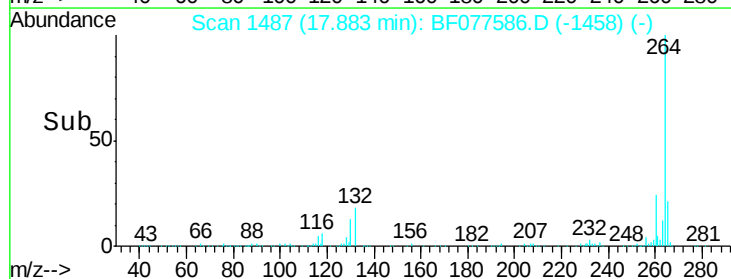
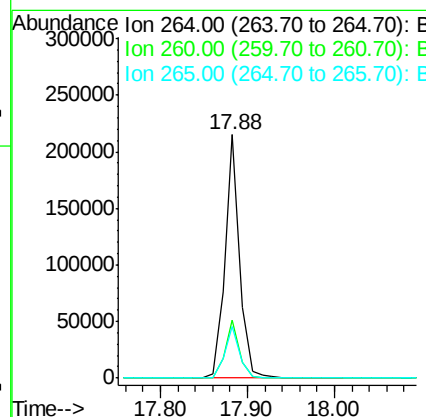
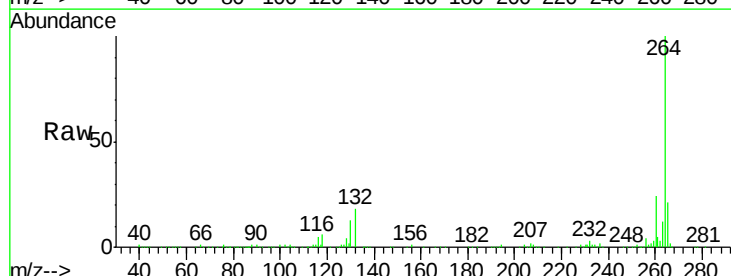
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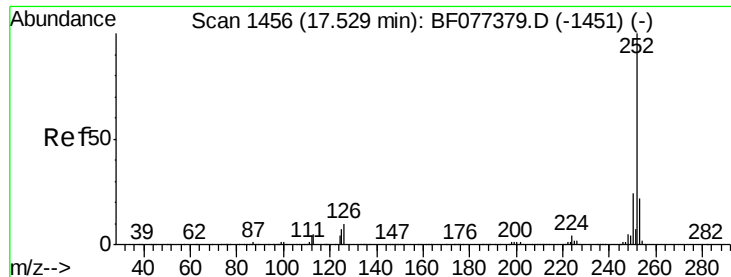
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. 0.03 min
 Lab File: BF077586.D
 Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.2	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 33.51 ng

RT: 17.42 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

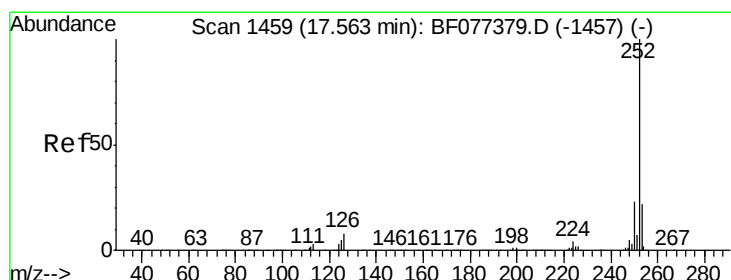
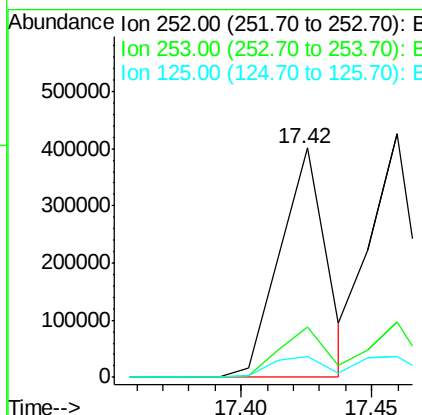
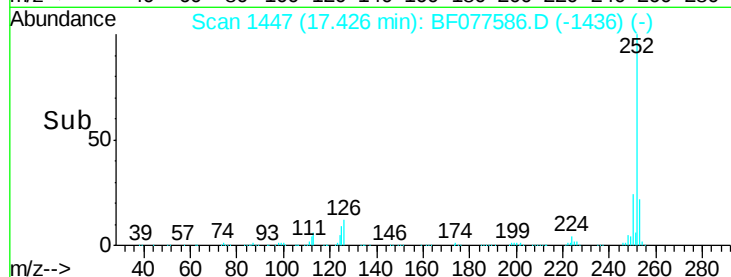
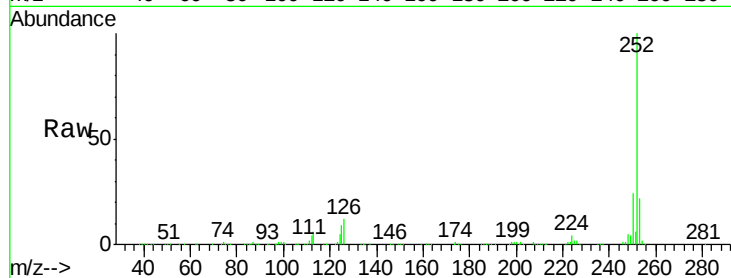
ClientSampleId :

PB81974BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.9	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 34.90 ng m

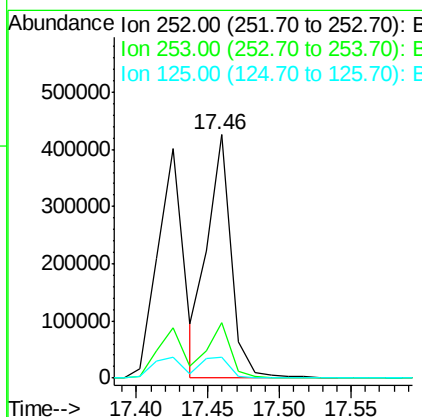
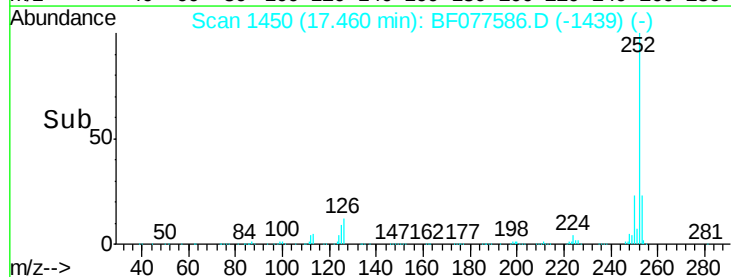
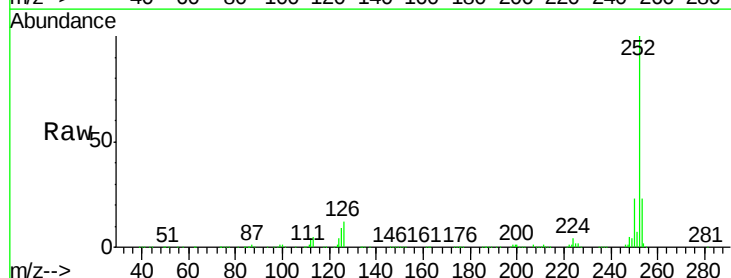
RT: 17.46 min Scan# 1450

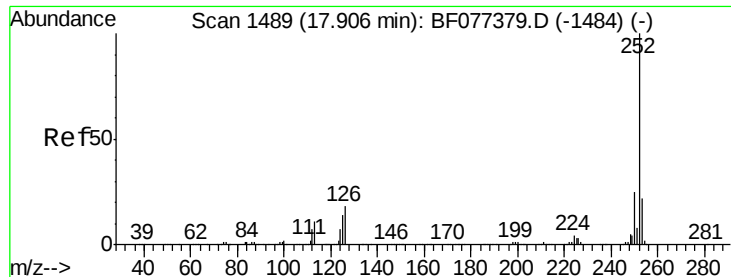
Delta R.T. 0.02 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	8.6	10.1	15.1#





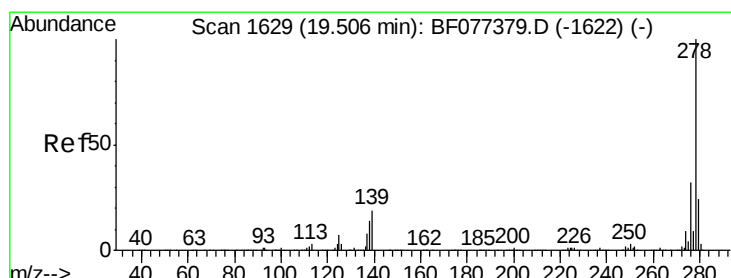
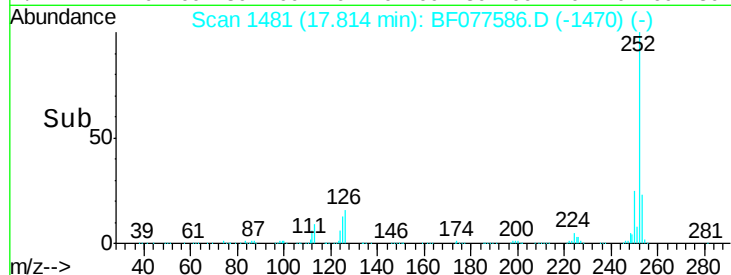
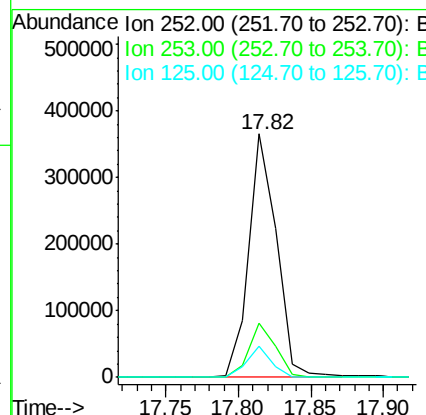
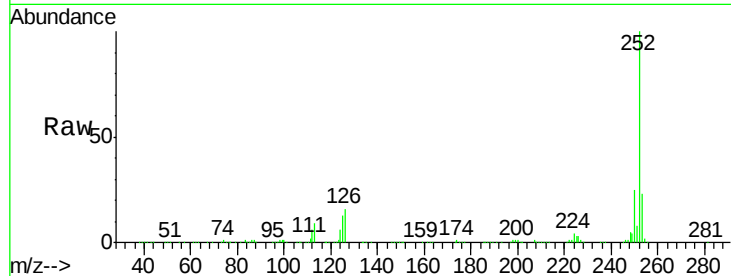
#89
Benzo(a)pyrene
Concen: 34.69 ng
RT: 17.82 min Scan# 1481
Delta R.T. 0.03 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.7	8.3	12.5#

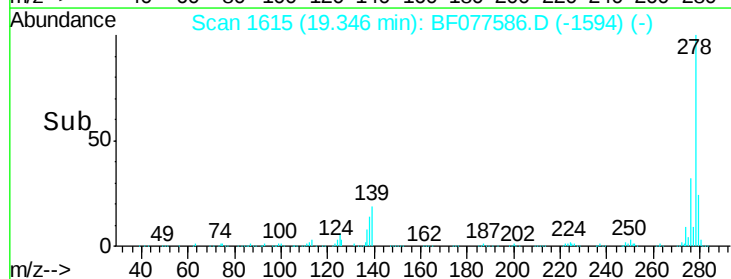
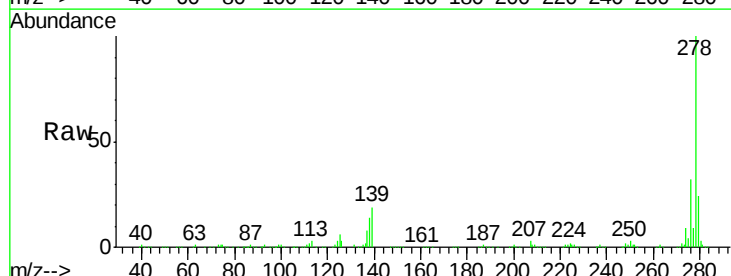
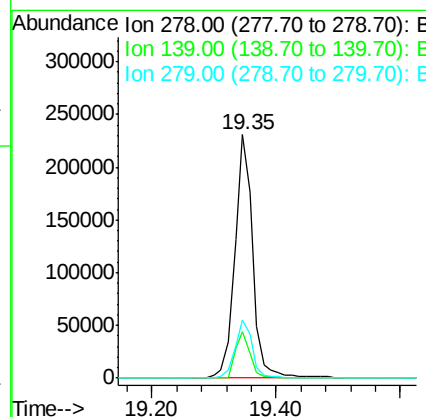
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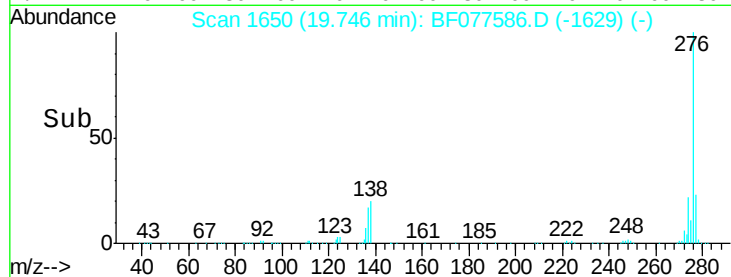
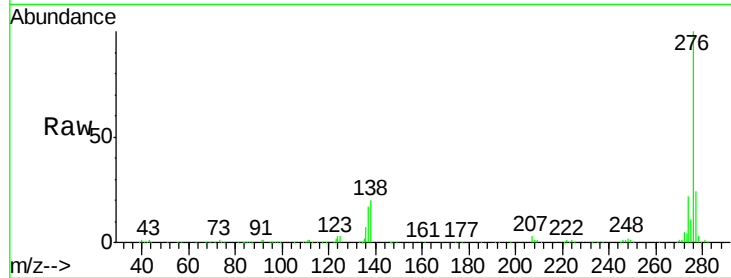
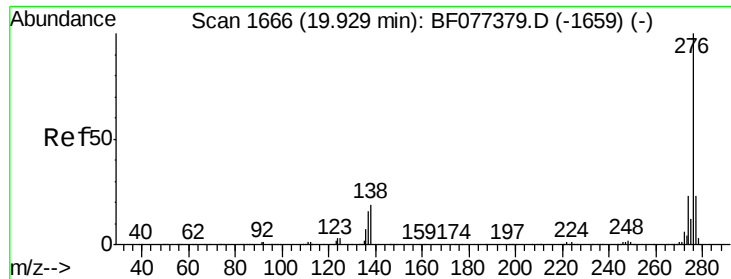
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#90
Dibenzo(a,h)anthracene
Concen: 34.41 ng
RT: 19.35 min Scan# 1615
Delta R.T. 0.04 min
Lab File: BF077586.D
Acq: 4 Mar 2015 17:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.3	21.5
279	23.9	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 35.27 ng

RT: 19.74 min Scan# 1650

Delta R.T. 0.04 min

Lab File: BF077586.D

Acq: 4 Mar 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB81974BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	20.0	20.5	30.7#

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