

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077626.D
 Acq On : 6 Mar 2015 17:14
 Operator : TP/IZ
 Sample : PB81995BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81995BS

Manual Integrations
 APPROVED

mohammad
 3/9/2015 3:25:00 PM

Quant Time: Mar 07 00:00:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	60810	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	244562	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	120756	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	234743	20.00	ng	0.00
75) Chrysene-d12	16.07	240	251527	20.00	ng	0.00
86) Perylene-d12	17.78	264	246131	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	445822	122.39	ng	0.00
7) Phenol-d6	6.77	99	570410	121.79	ng	0.00
23) Nitrobenzene-d5	7.90	82	310517	78.96	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	146356	125.87	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	694469	89.67	ng	0.00
78) Terphenyl-d14	14.78	244	839160	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	55350	35.81	ng	96
3) Pyridine	2.87	79	148981	33.69	ng	97
4) n-Nitrosodimethylamine	2.77	42	78586	40.88	ng	89
6) Aniline	6.79	93	71869	11.10	ng	# 87
8) 2-Chlorophenol	6.93	128	168731	39.27	ng	94
9) Benzaldehyde	6.65	77	26790	9.42	ng	92
10) Phenol	6.78	94	208815	37.58	ng	91
11) bis(2-Chloroethyl)ether	6.89	93	146337	36.65	ng	98
12) 1,3-Dichlorobenzene	7.13	146	177555	37.95	ng	# 92
13) 1,4-Dichlorobenzene	7.22	146	175021	36.77	ng	94
14) 1,2-Dichlorobenzene	7.41	146	165606	36.57	ng	96
15) Benzyl Alcohol	7.39	79	131021	36.80	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.56	45	208463	36.52	ng	98
17) 2-Methylphenol	7.53	107	130342	38.81	ng	96
18) Hexachloroethane	7.82	117	63830	40.15	ng	88
19) n-Nitroso-di-n-propylamine	7.72	70	117776	39.60	ng	96
20) 3+4-Methylphenols	7.73	107	175078	39.58	ng	# 78
22) Acetophenone	7.71	105	228060	39.64	ng	# 87
24) Nitrobenzene	7.92	77	159287	38.50	ng	# 84
25) Isophorone	8.22	82	294698	37.77	ng	# 91
26) 2-Nitrophenol	8.31	139	76747	45.25	ng	89
27) 2,4-Dimethylphenol	8.38	122	142162	37.47	ng	95
28) bis(2-Chloroethoxy)methane	8.50	93	193528	39.26	ng	100
29) 2,4-Dichlorophenol	8.61	162	140088	39.33	ng	97
30) 1,2,4-Trichlorobenzene	8.71	180	146656	37.45	ng	98
31) Naphthalene	8.81	128	484731	39.63	ng	99
32) Benzoic acid	8.48	122	74693	40.51	ng	95
33) 4-Chloroaniline	8.88	127	58618	10.78	ng	98
34) Hexachlorobutadiene	8.96	225	80274	35.91	ng	97
35) Caprolactam	9.31	113	42534	39.12	ng	# 74
36) 4-Chloro-3-methylphenol	9.49	107	141688	39.57	ng	94
37) 2-Methylnaphthalene	9.67	142	336204	38.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	144212	41.62	ng	98
40) Hexachlorocyclopentadiene	9.86	237	144194	77.61	ng	98

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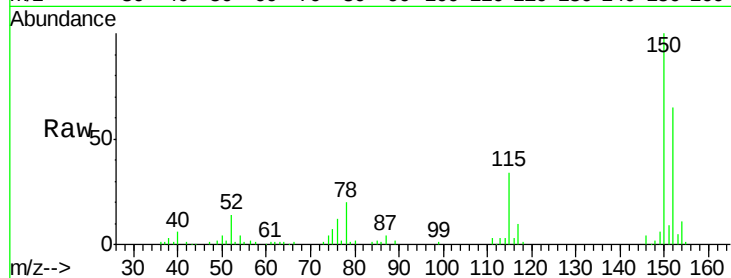
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42) 2,4,6-Trichlorophenol	10.02	196	100438	43.77	ng	97
43) 2,4,5-Trichlorophenol	10.06	196	106851	43.55	ng	98
45) 1,1'-Biphenyl	10.25	154	395648	43.25	ng	99
46) 2-Chloronaphthalene	10.27	162	303977	42.37	ng	94
47) 2-Nitroaniline	10.40	65	88863	50.31	ng	# 84
48) Acenaphthylene	10.78	152	484837	42.68	ng	100
49) Dimethylphthalate	10.64	163	365795	43.09	ng	99
50) 2,6-Dinitrotoluene	10.71	165	76340	44.85	ng	# 60
51) Acenaphthene	10.99	154	290325	42.83	ng	99
52) 3-Nitroaniline	10.90	138	35170	17.92	ng	89
53) 2,4-Dinitrophenol	11.04	184	49243	95.07	ng	98
54) Dibenzofuran	11.21	168	449786	42.98	ng	100
55) 4-Nitrophenol	11.13	139	145777	92.35	ng	89
56) 2,4-Dinitrotoluene	11.20	165	103548	45.02	ng	# 61
57) Fluorene	11.63	166	366891	43.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.36	232	85205	43.20	ng	92
59) Diethylphthalate	11.51	149	355046	42.43	ng	97
60) 4-Chlorophenyl-phenylether	11.64	204	165317	41.01	ng	97
61) 4-Nitroaniline	11.66	138	76615	40.73	ng	97
62) Azobenzene	11.84	77	348668	43.92	ng	98
64) 4,6-Dinitro-2-methylphenol	11.70	198	38606	41.74	ng	# 59
65) n-Nitrosodiphenylamine	11.79	169	317157	40.72	ng	99
66) 4-Bromophenyl-phenylether	12.25	248	101338	36.87	ng	96
67) Hexachlorobenzene	12.30	284	107622	36.48	ng	# 88
68) Atrazine	12.46	200	101141	39.94	ng	93
69) Pentachlorophenol	12.56	266	119716	77.20	ng	98
70) Phenanthrene	12.82	178	532337	39.13	ng	99
71) Anthracene	12.88	178	536961	39.77	ng	98
72) Carbazole	13.09	167	526530	41.01	ng	99
73) Di-n-butylphthalate	13.54	149	576846	38.27	ng	100
74) Fluoranthene	14.29	202	586428	39.46	ng	99
76) Benzidine	14.48	184	152473	17.94	ng	97
77) Pyrene	14.57	202	605672	39.37	ng	99
79) Butylbenzylphthalate	15.40	149	254979	40.28	ng	92
80) Benzo(a)anthracene	16.06	228	584485	39.65	ng	98
81) 3,3'-Dichlorobenzidine	16.04	252	103320	19.13	ng	99
82) Chrysene	16.10	228	540293	39.03	ng	99
83) Bis(2-ethylhexyl)phthalate	16.12	149	372226	36.67	ng	# 97
84) Di-n-octyl phthalate	16.91	149	637093	37.59	ng	99
85) Indeno(1,2,3-cd)pyrene	19.19	276	619408	39.25	ng	99
87) Benzo(b)fluoranthene	17.34	252	573625	40.08	ng	99
88) Benzo(k)fluoranthene	17.37	252	519050m	37.00	ng	
89) Benzo(a)pyrene	17.72	252	518246	38.02	ng	# 98
90) Dibenzo(a,h)anthracene	19.22	278	509575	39.20	ng	98
91) Benzo(g,h,i)perylene	19.61	276	523746	39.92	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.20 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

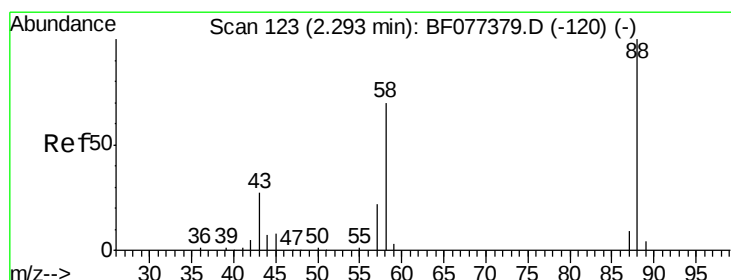
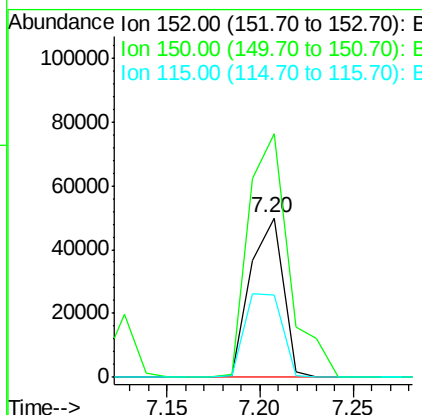
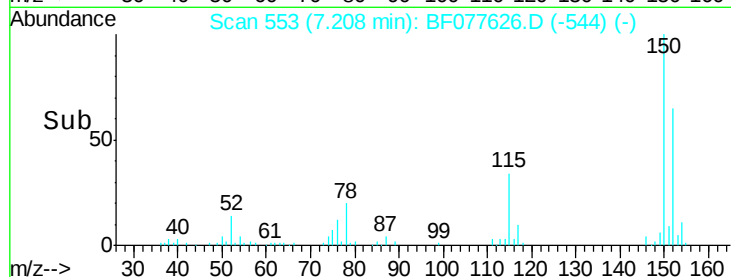
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.0	186.0
115	52.1	49.4	74.2

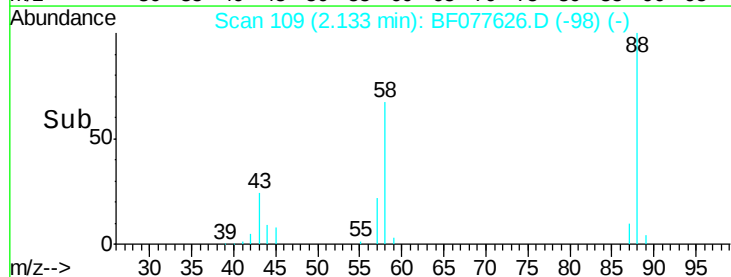
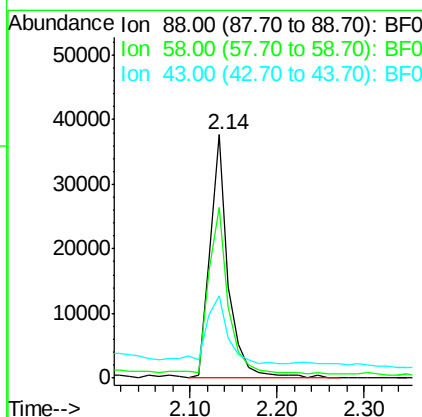
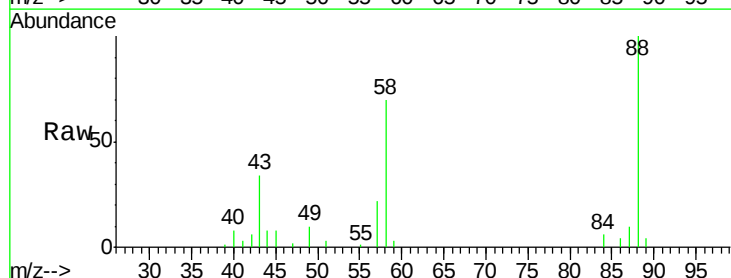
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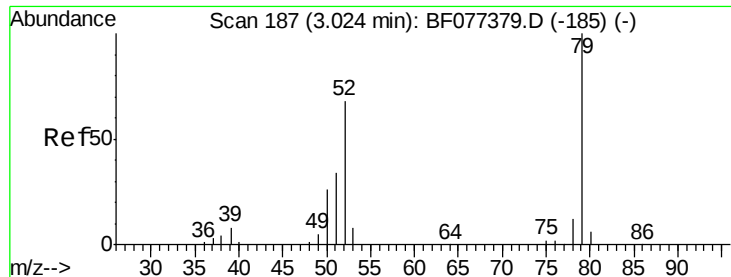
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#2
 1,4-Dioxane
 Concen: 35.81 ng
 RT: 2.14 min Scan# 109
 Delta R.T. 0.03 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	62.1	93.1
43	33.2	24.0	36.0





#3

Pyridine

Concen: 33.69 ng

RT: 2.87 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

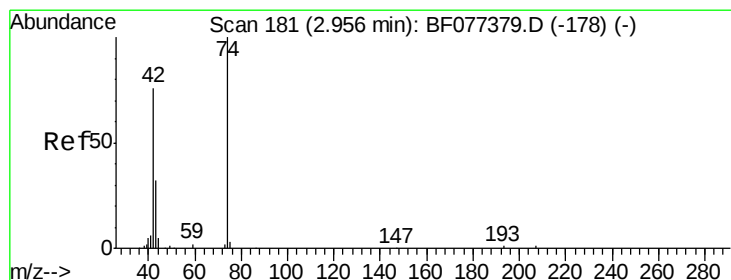
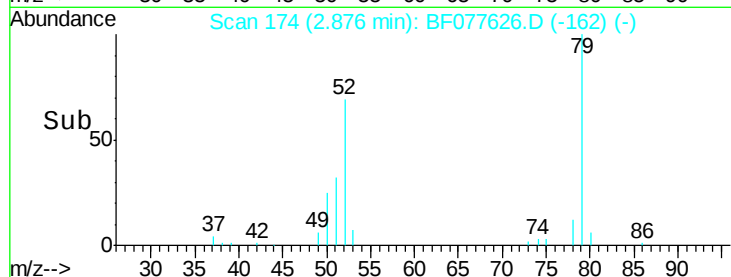
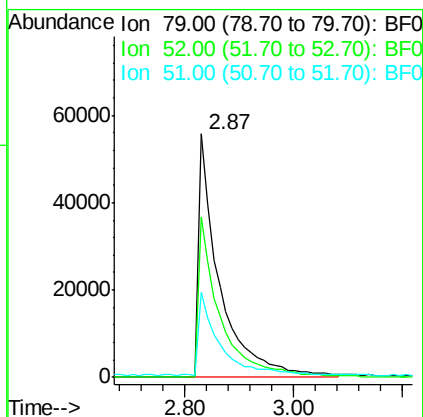
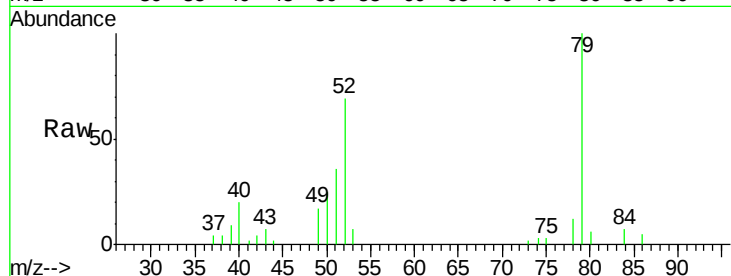
ClientSampleId :

PB81995BS

Tgt Ion:	79	Resp:	148981
Ion	Ratio	Lower	Upper
79	100		
52	68.5	57.7	86.5
51	36.5	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 40.88 ng

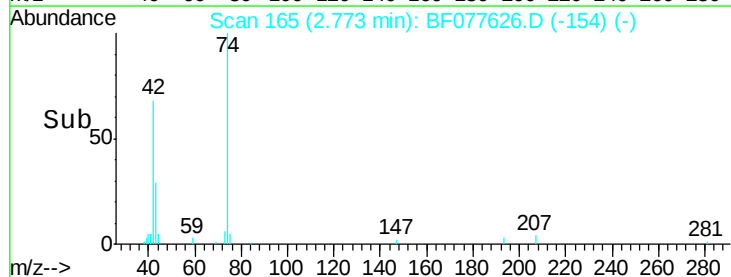
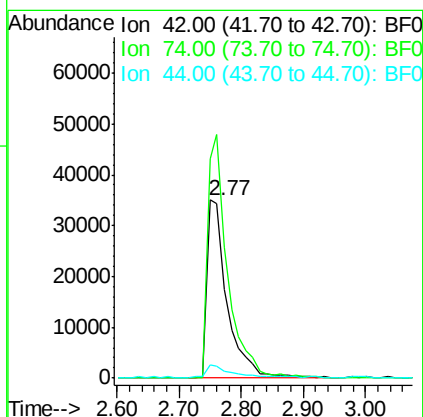
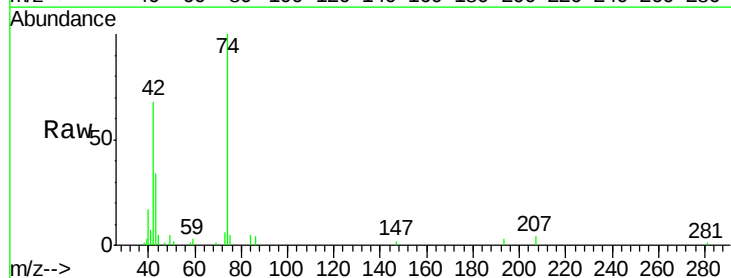
RT: 2.77 min Scan# 165

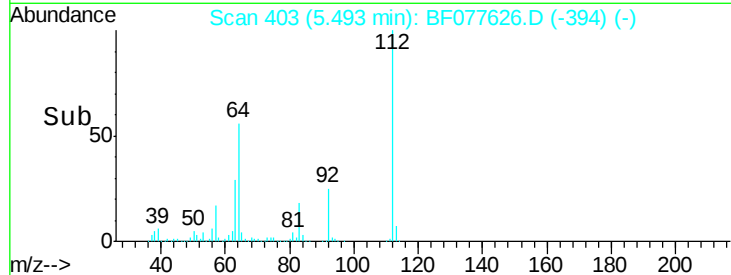
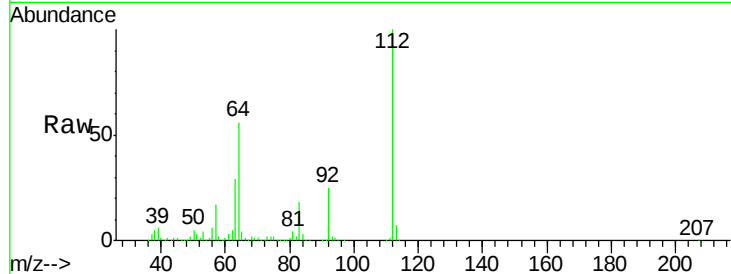
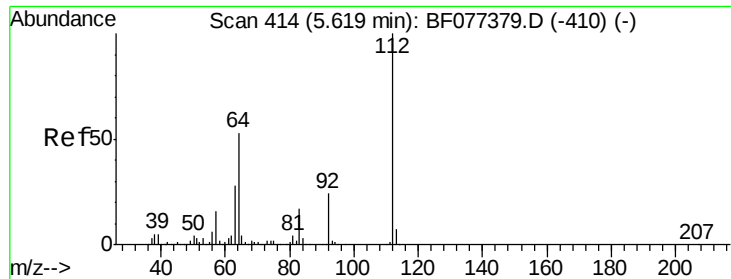
Delta R.T. 0.02 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	42	Resp:	78586
Ion	Ratio	Lower	Upper
42	100		
74	148.1	107.1	160.7
44	8.0	6.7	10.1





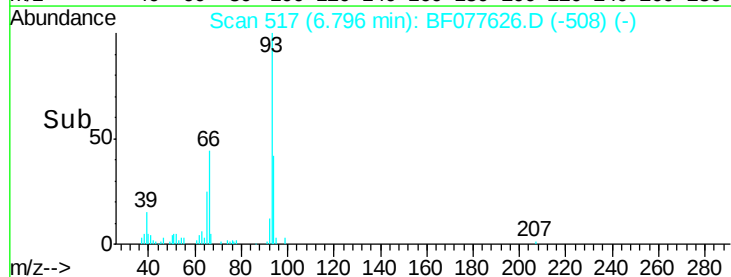
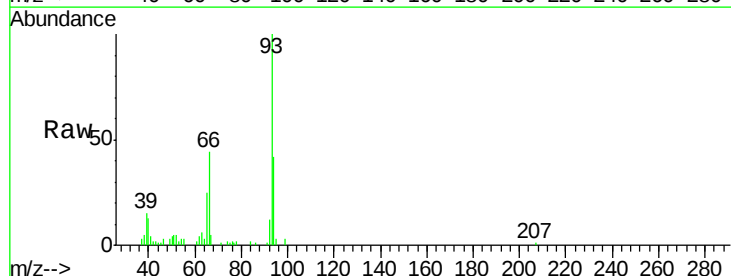
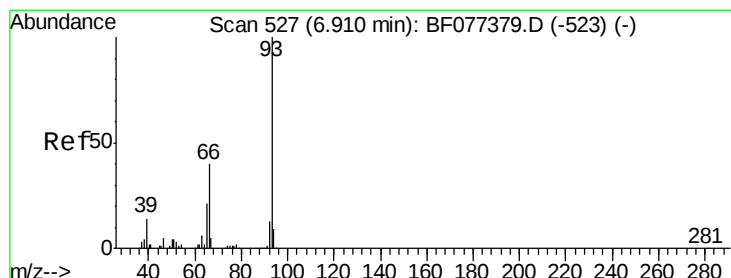
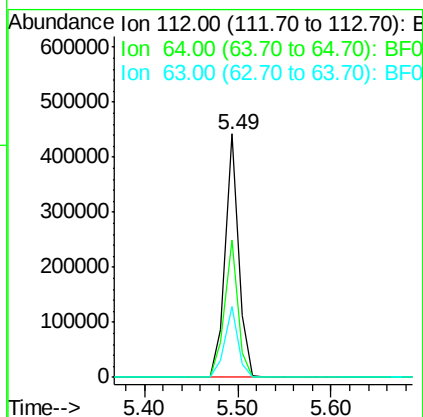
#5
2-Fluorophenol
Concen: 122.39 ng
RT: 5.49 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	445822		
64	56.4	48.5	72.7	
63	29.1	25.0	37.4	

Instrument :
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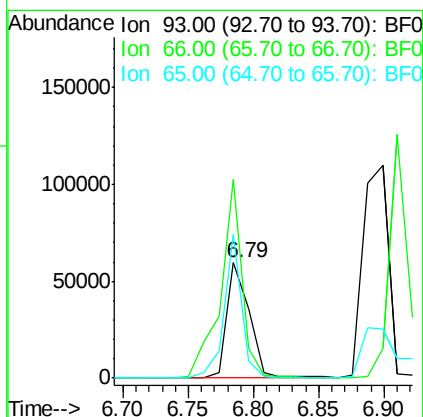
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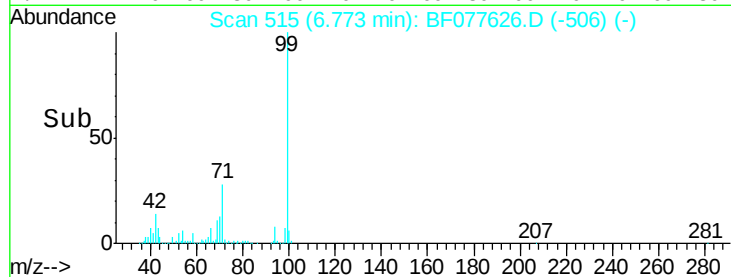
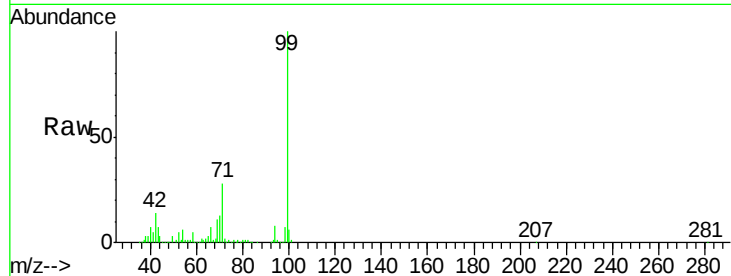
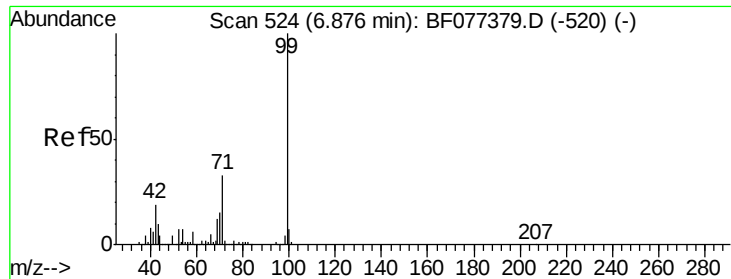
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#6
Aniline
Concen: 11.10 ng
RT: 6.79 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	71869		
66	43.8	29.1	43.7#	
65	24.7	14.6	22.0#	





#7

Phenol-d6

Concen: 121.79 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	99	Resp:	570410
Ion Ratio	Lower	Upper	
99	100		
42	13.7	16.2	24.4#
71	27.9	26.7	40.1

Instrument :

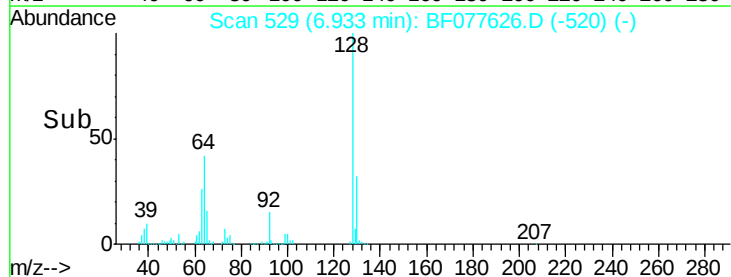
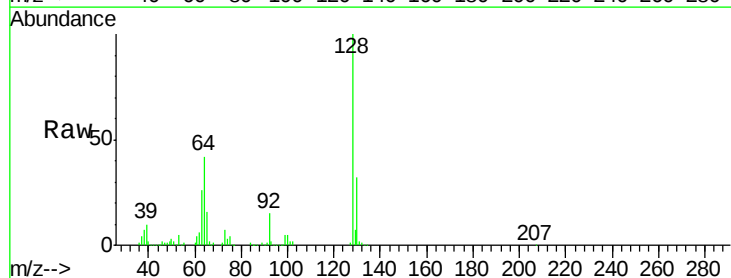
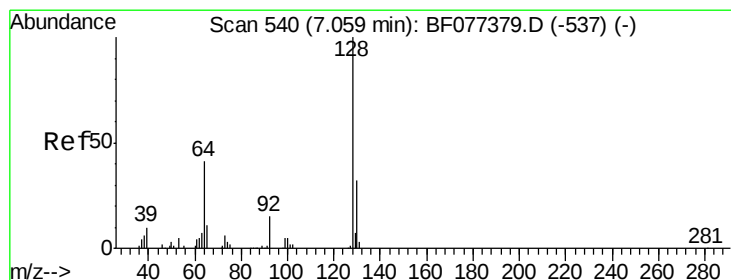
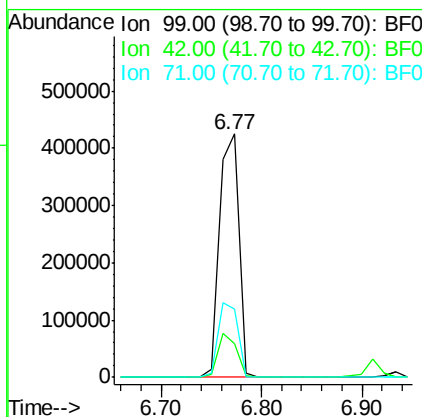
BNA_F

ClientSampleId :

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Manual Integrations
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#8

2-Chlorophenol

Concen: 39.27 ng

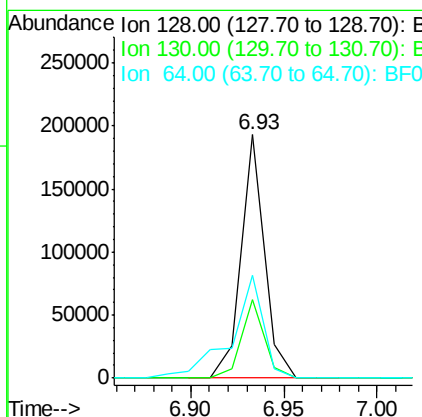
RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	128	Resp:	168731
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	42.0	29.2	69.2





#9

Benzaldehyde

Concen: 9.42 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF077626.D

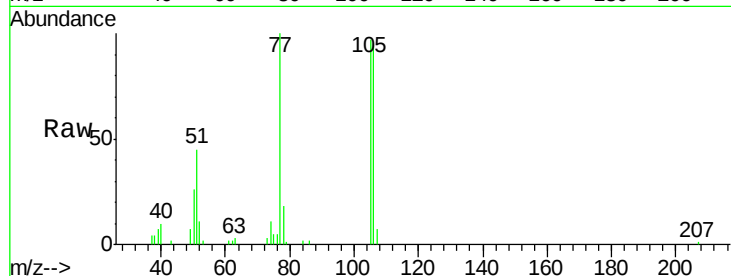
Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

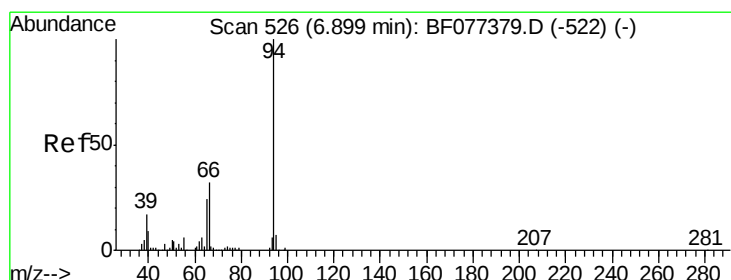
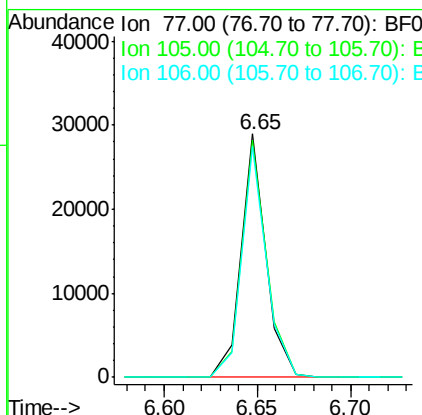
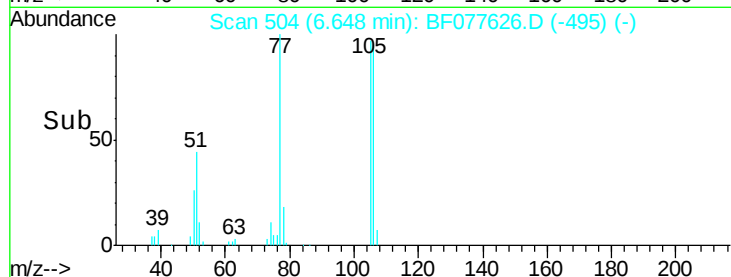
PB81995BS



Tgt Ion:	77	Resp:	26790
Ion	Ratio	Lower	Upper
77	100		
105	97.4	85.9	125.9
106	94.7	82.9	122.9

Manual Integrations
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#10

Phenol

Concen: 37.58 ng

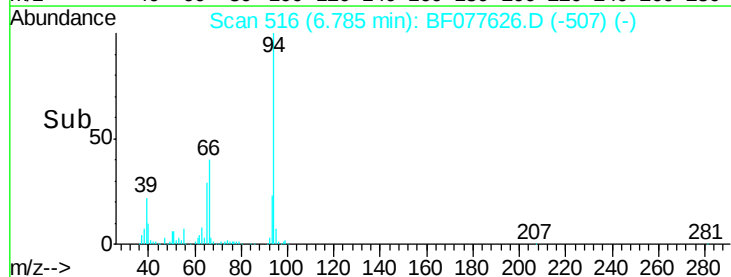
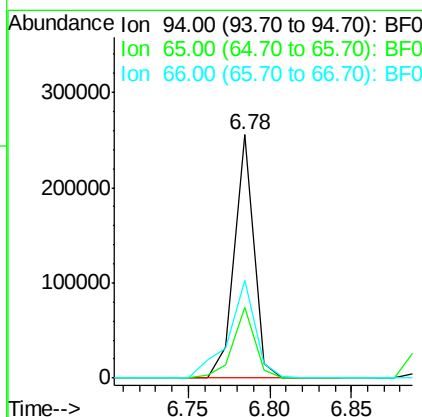
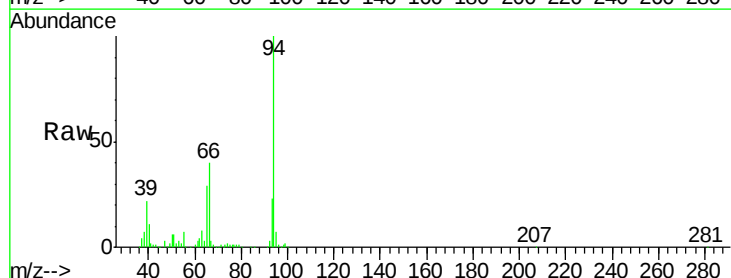
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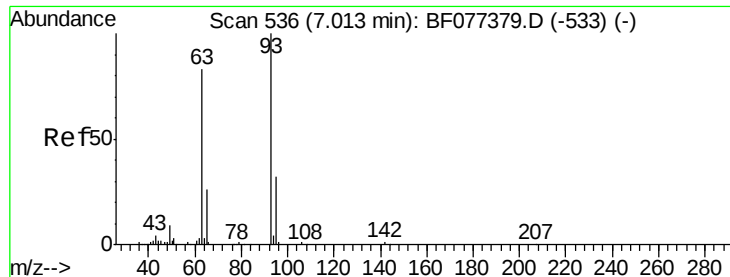
Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	94	Resp:	208815
Ion	Ratio	Lower	Upper
94	100		
65	28.9	5.7	45.7
66	40.2	13.6	53.6





#11

bis(2-Chloroethyl)ether

Concen: 36.65 ng

RT: 6.89 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

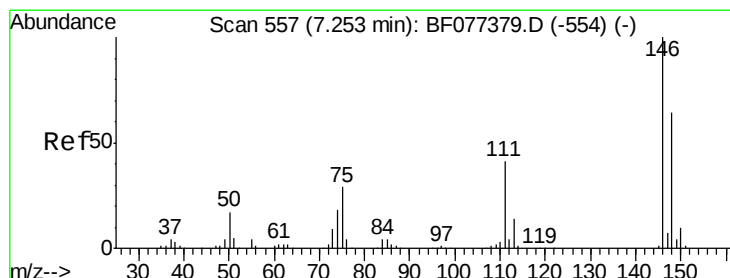
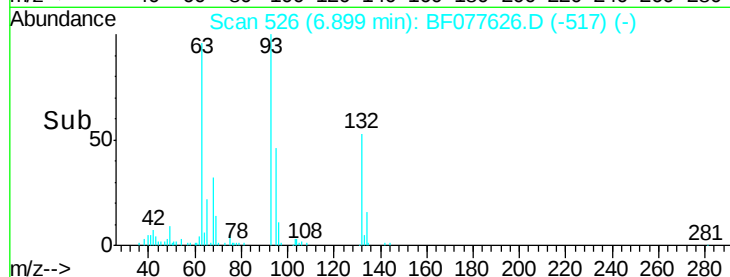
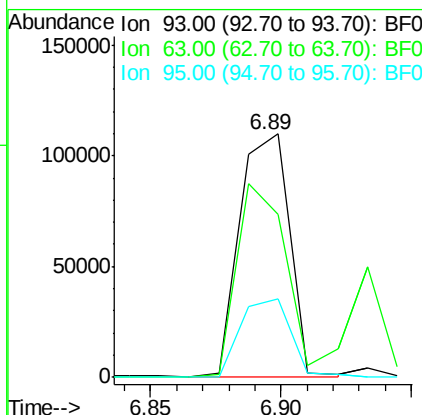
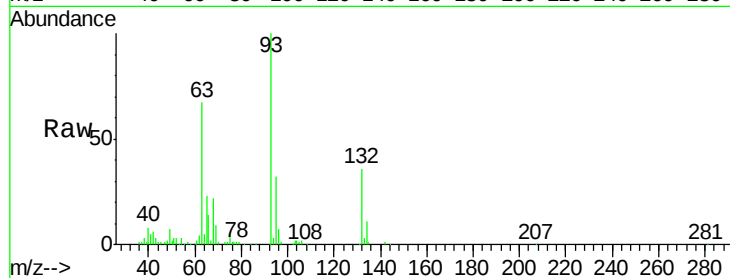
ClientSampleId :

PB81995BS

Tgt Ion:	93	Resp:	146337
Ion	Ratio	Lower	Upper
93	100		
63	67.0	48.7	88.7
95	32.0	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 37.95 ng

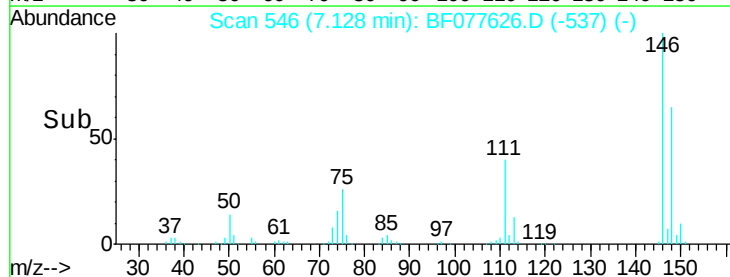
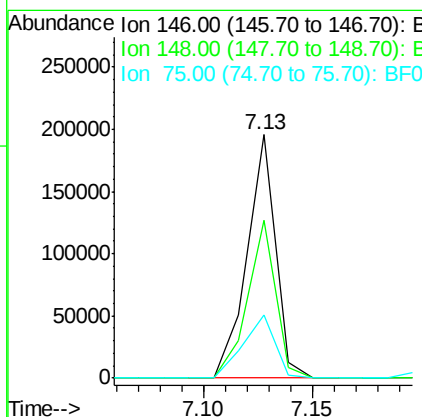
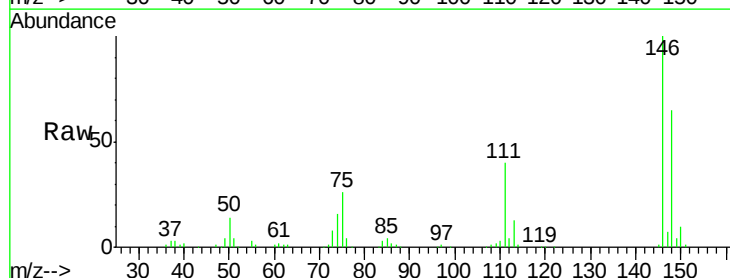
RT: 7.13 min Scan# 546

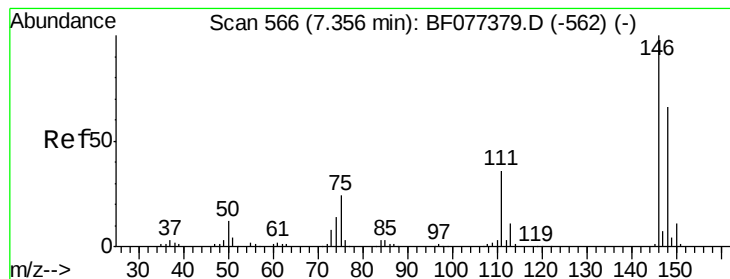
Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	146	Resp:	177555
Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.8	74.8
75	25.7	28.2	42.4#





#13

1,4-Dichlorobenzene

Concen: 36.77 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

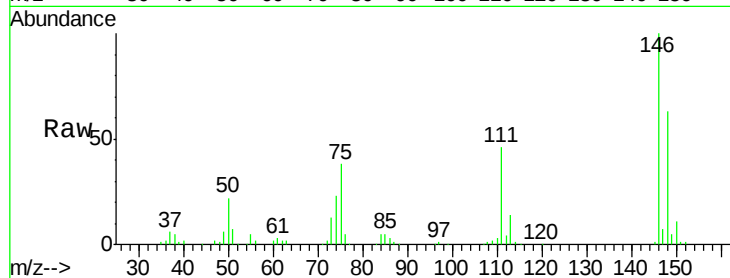
ClientSampleId :

PB81995BS

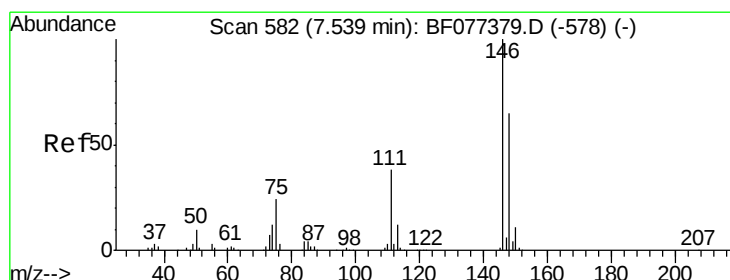
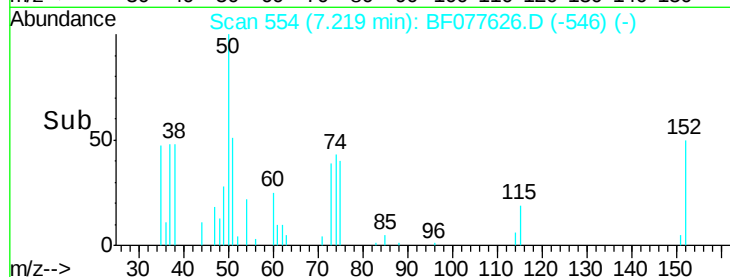
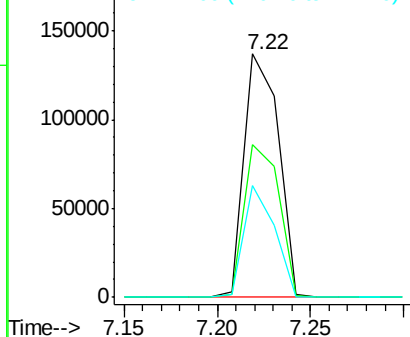
Tgt Ion:	146	Resp:	175021
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.0	78.0
111	46.2	31.9	47.9

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.57 ng

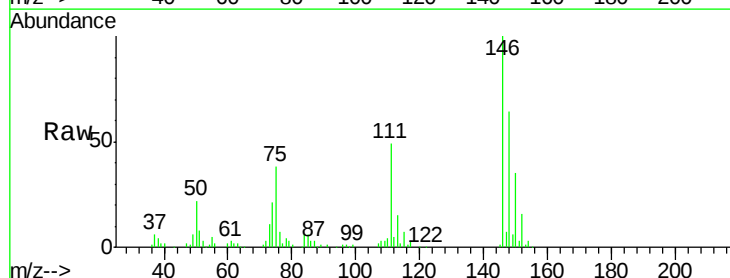
RT: 7.41 min Scan# 570

Delta R.T. -0.00 min

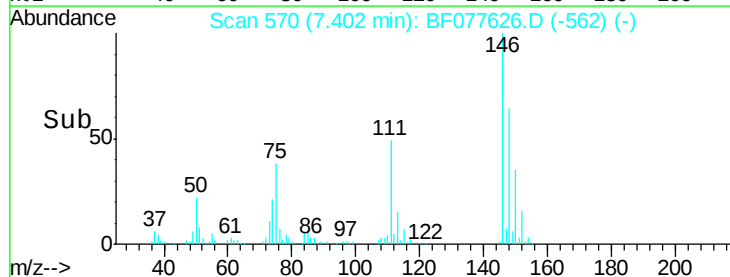
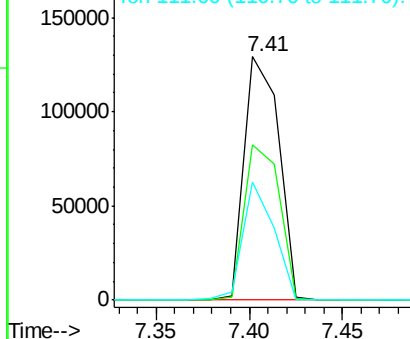
Lab File: BF077626.D

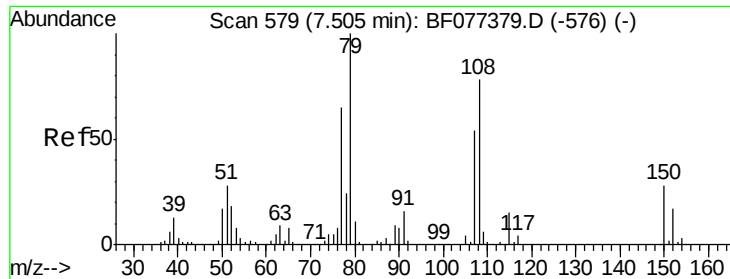
Acq: 6 Mar 2015 17:14

Tgt Ion:	146	Resp:	165606
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.6	77.4
111	48.5	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.80 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

Tgt Ion: 79 Resp: 131021
Ion Ratio Lower Upper

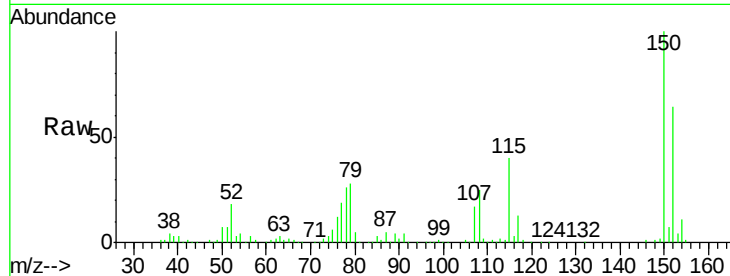
79 100

108 88.4 58.3 87.5#

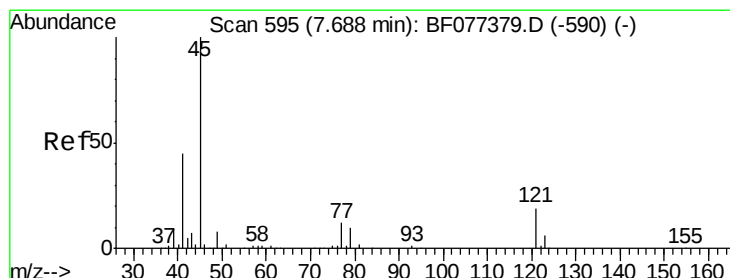
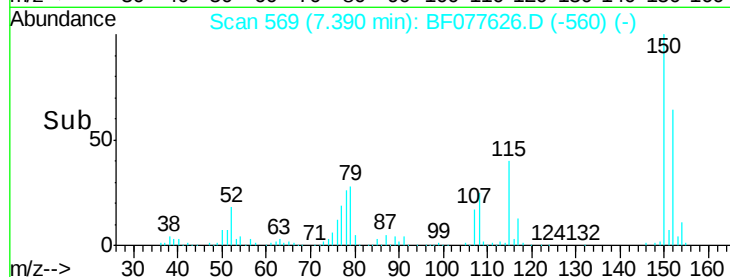
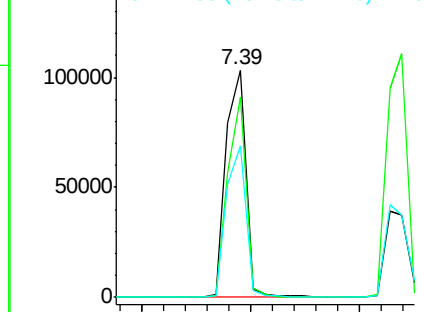
77 66.9 51.3 76.9

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.52 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077626.D

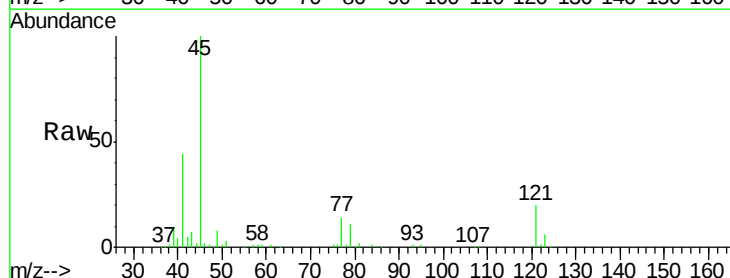
Acq: 6 Mar 2015 17:14

Tgt Ion: 45 Resp: 208463
Ion Ratio Lower Upper

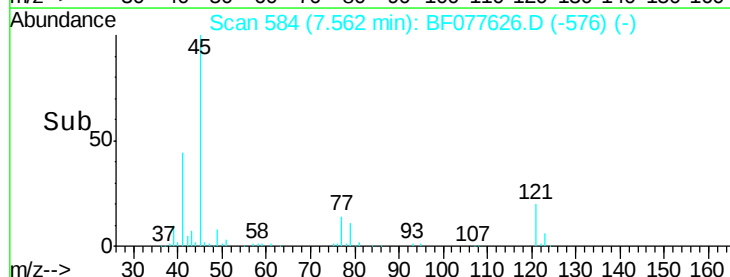
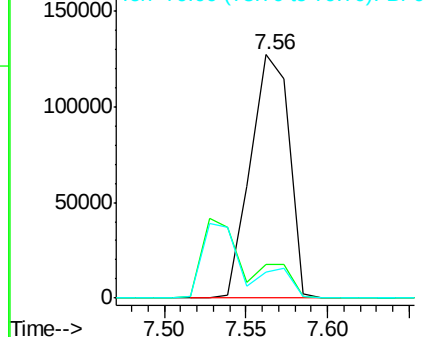
45 100

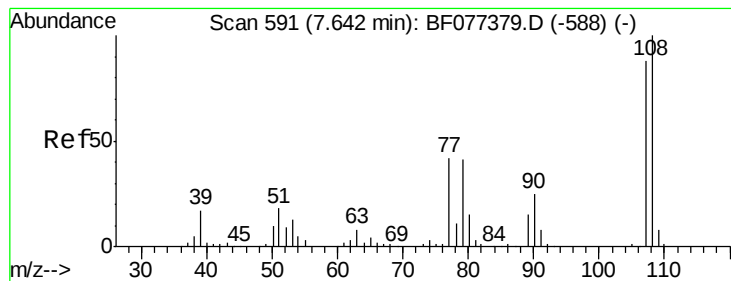
77 13.7 0.0 34.6

79 10.6 0.0 31.5



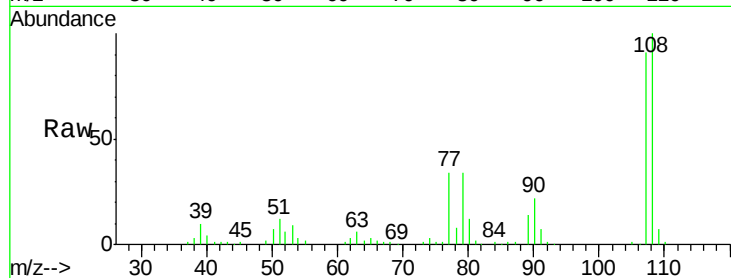
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 38.81 ng
RT: 7.53 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

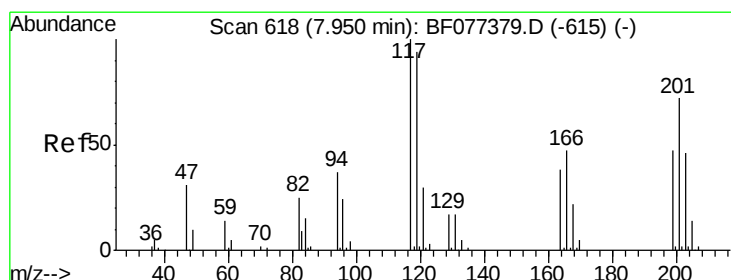
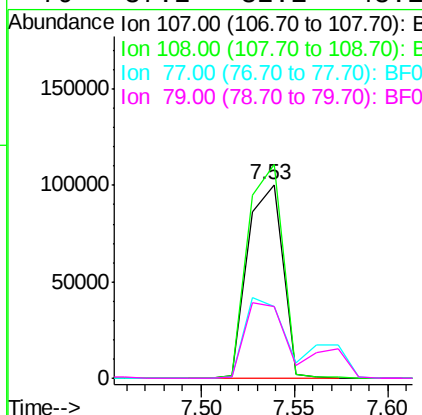
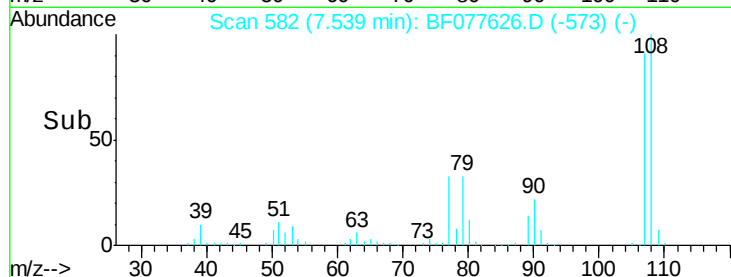
Instrument :
BNA_F
ClientSampleId :
PB81995BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	130342		
108	110.5	91.2	136.8	
77	37.2	33.6	50.4	
79	37.2	32.1	48.1	

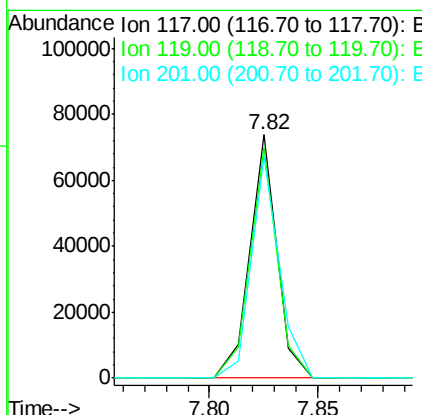
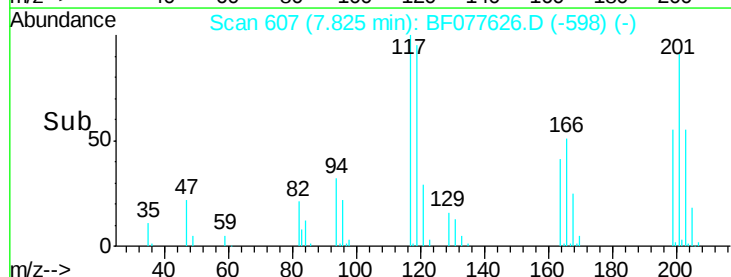
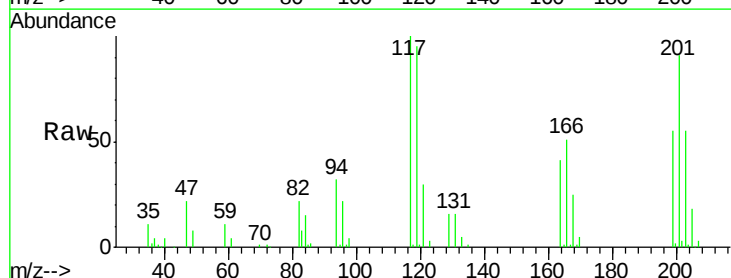
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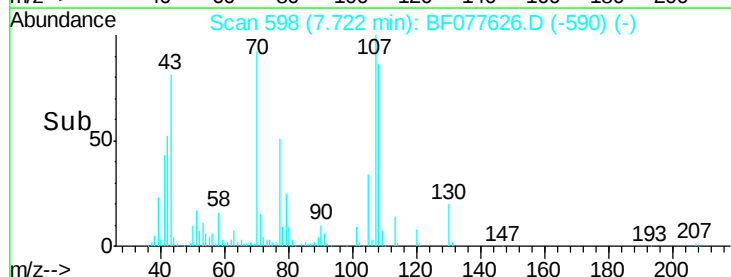
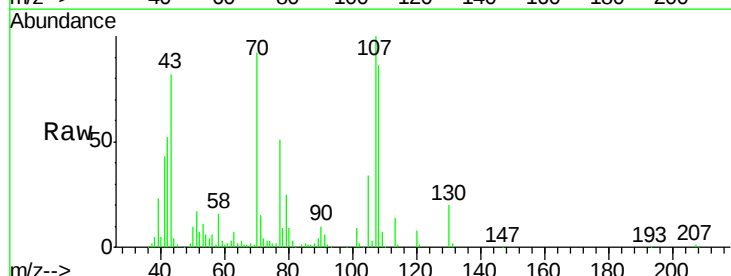
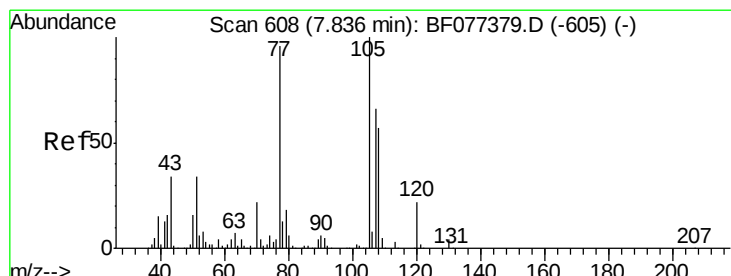
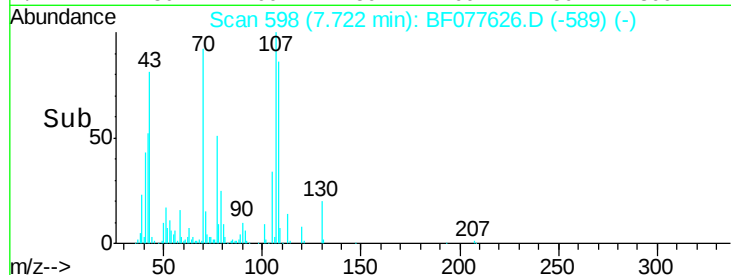
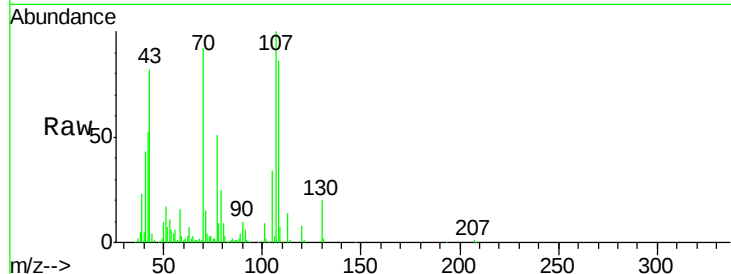
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#18
Hexachloroethane
Concen: 40.15 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63830		
119	94.6	77.8	116.8	
201	91.0	90.6	136.0	

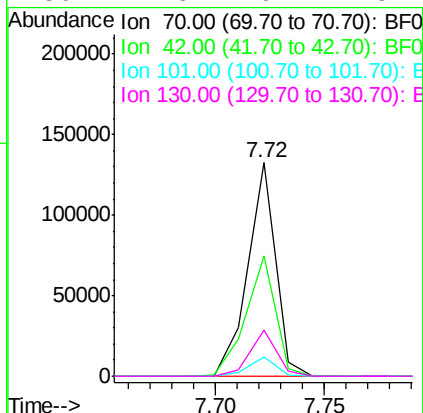




#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.5	48.3	72.5
101	9.2	7.5	11.3
130	21.6	16.7	25.1

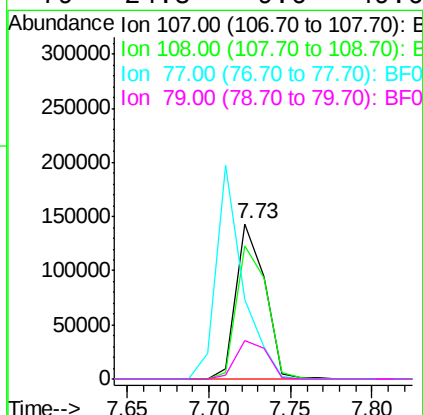


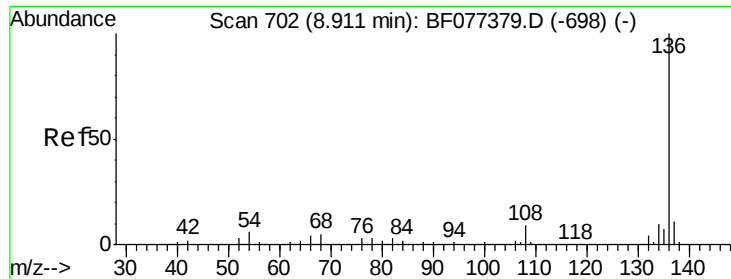
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#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.73 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	76.8	116.8
77	51.3	65.8	105.8#
79	24.8	9.6	49.6





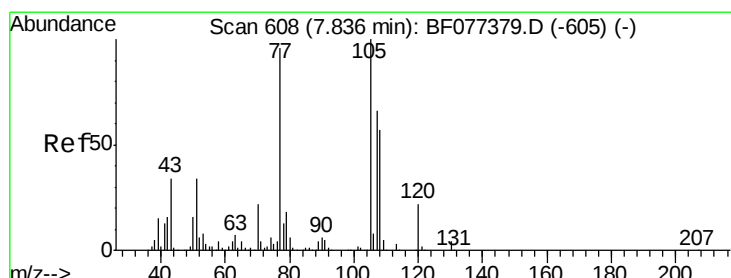
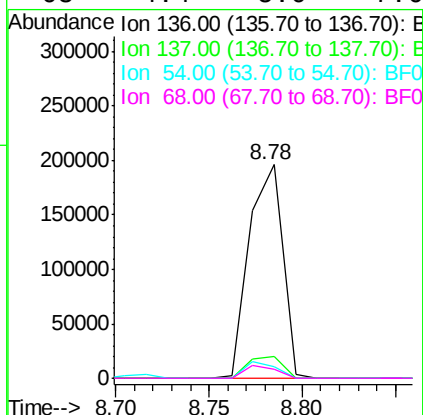
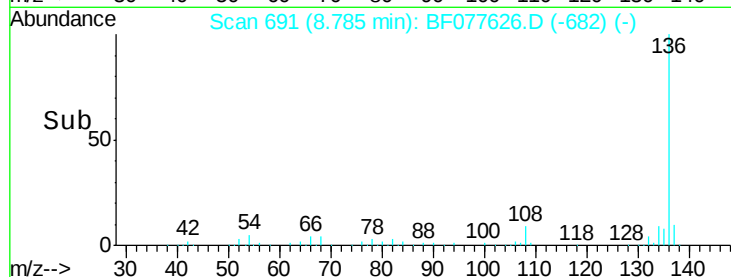
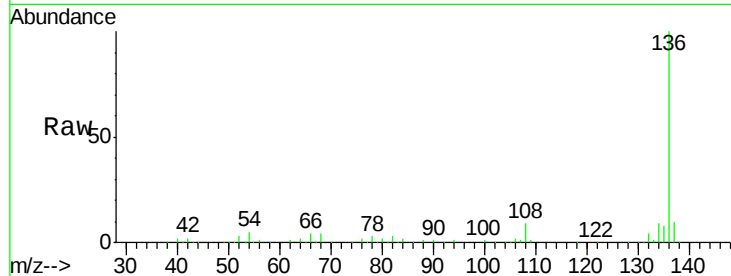
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	244562		
137	10.0	8.6	13.0	
54	5.2	6.2	9.4#	
68	4.4	5.0	7.6#	

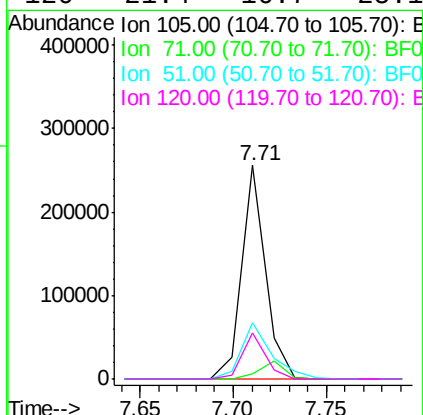
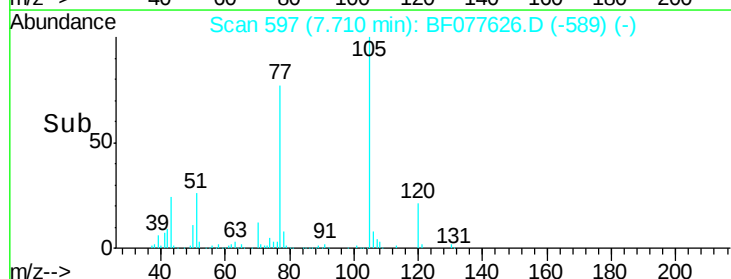
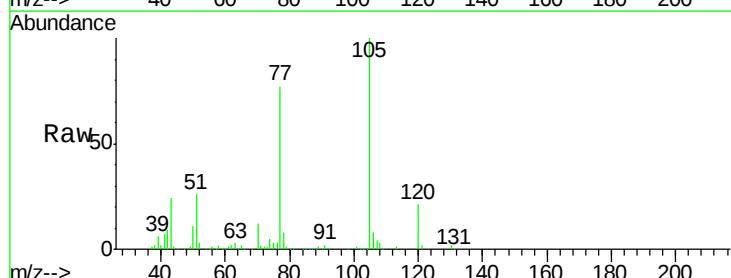
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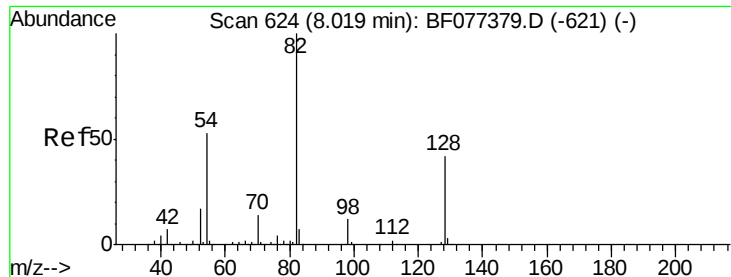
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#22
Acetophenone
Concen: 39.64 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228060		
71	2.1	1.7	2.5	
51	26.3	30.7	46.1#	
120	21.4	16.7	25.1	





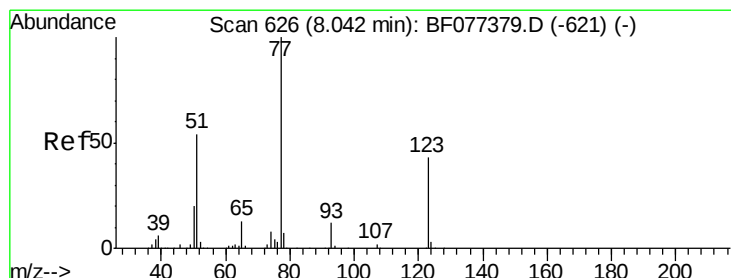
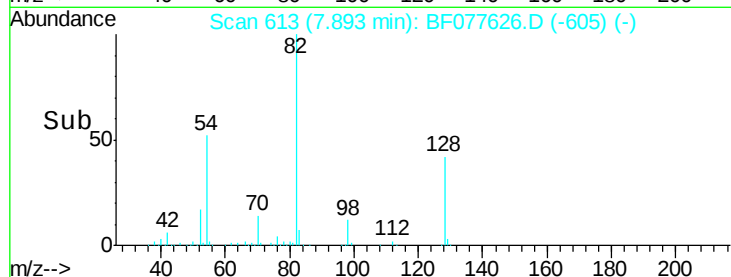
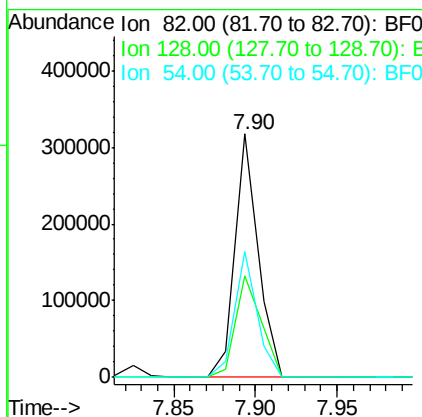
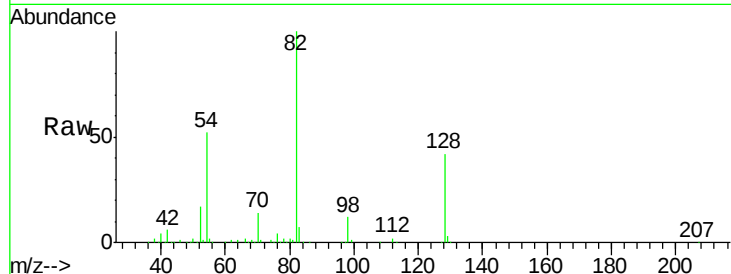
#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 7.90 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	43.8	65.8#
54	51.9	36.7	55.1

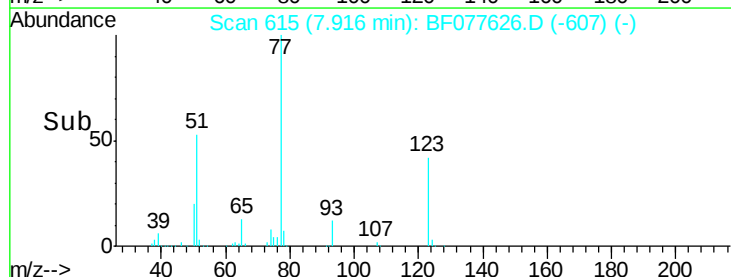
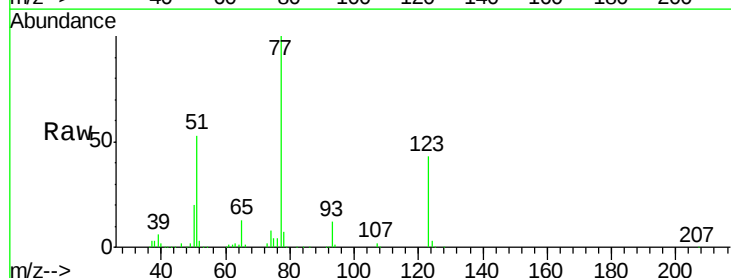
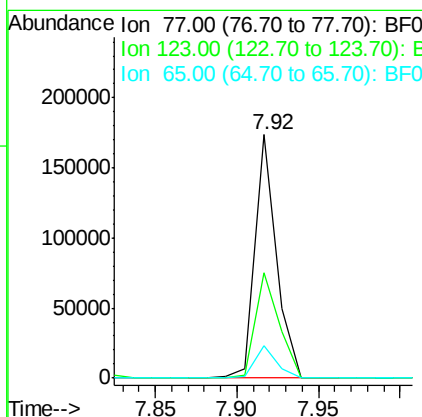
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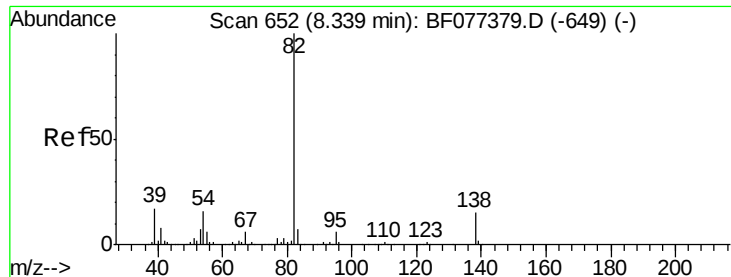
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#24
 Nitrobenzene
 Concen: 38.50 ng
 RT: 7.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	45.9	68.9#
65	13.2	9.5	14.3





#25

Isophorone

Concen: 37.77 ng

RT: 8.22 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077626.D

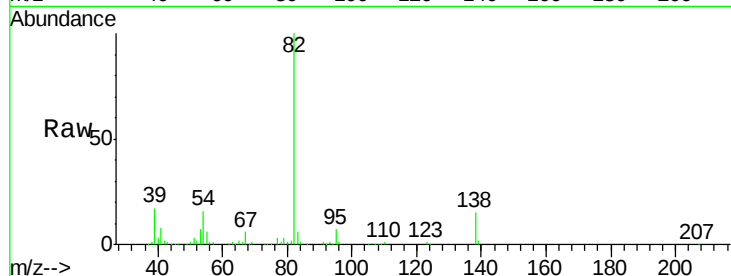
Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

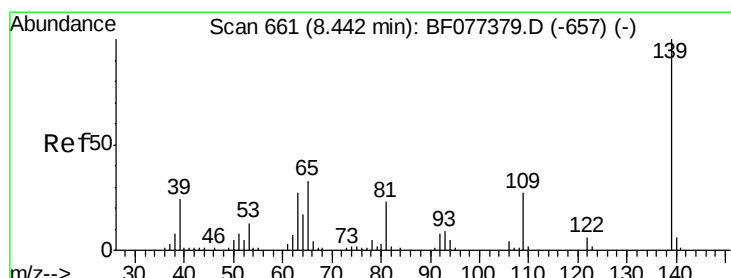
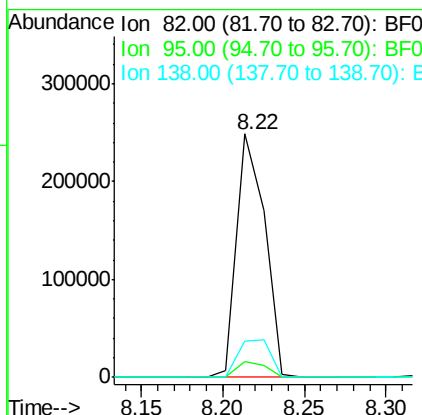
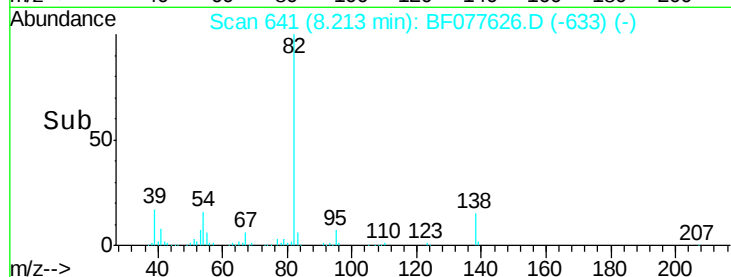
PB81995BS



Tgt Ion	82	95	138
Ratio	100	6.6	15.2
Resp Lower		5.4	16.3
Upper		8.2	24.5#

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#26

2-Nitrophenol

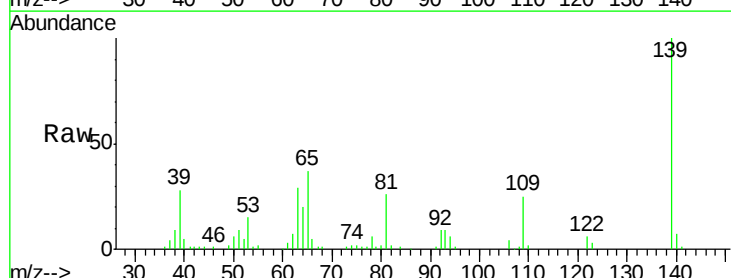
Concen: 45.25 ng

RT: 8.31 min Scan# 650

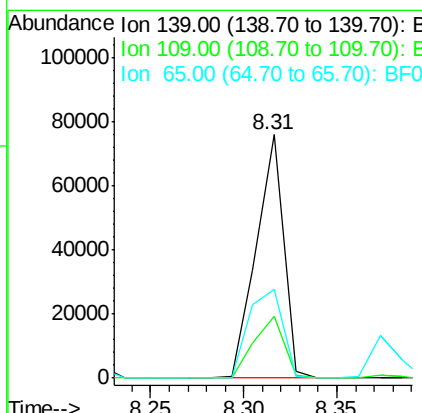
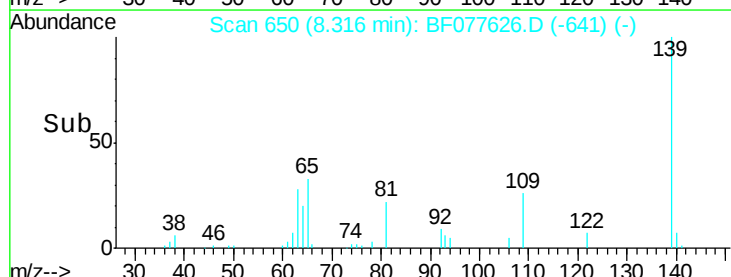
Delta R.T. -0.00 min

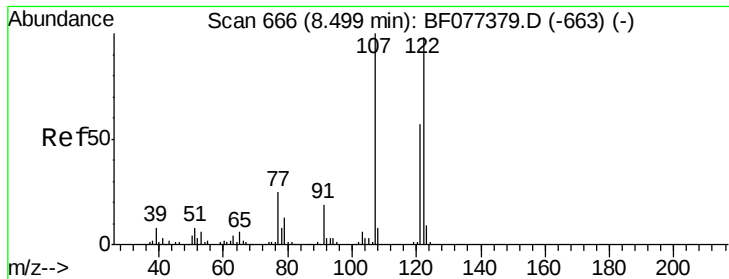
Lab File: BF077626.D

Acq: 6 Mar 2015 17:14



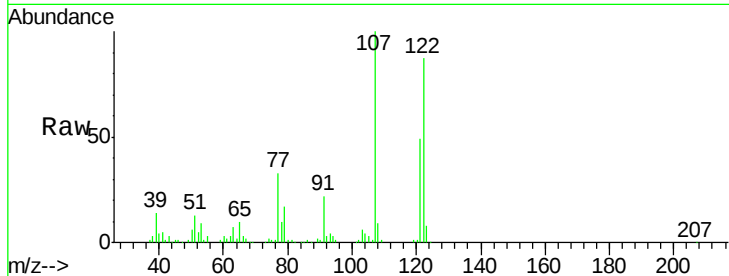
Tgt Ion	139	109	65
Ratio	100	25.3	36.6
Resp Lower		22.6	36.4
Upper		34.0	54.6





#27
 2,4-Dimethylphenol
 Concen: 37.47 ng
 RT: 8.38 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

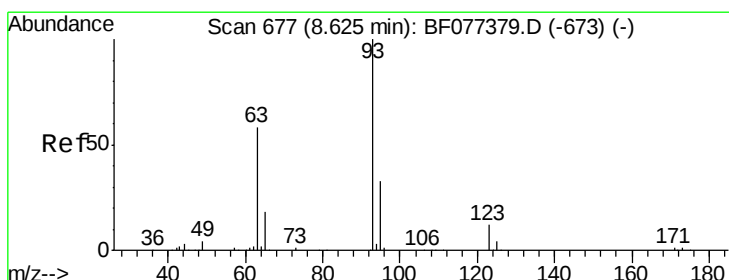
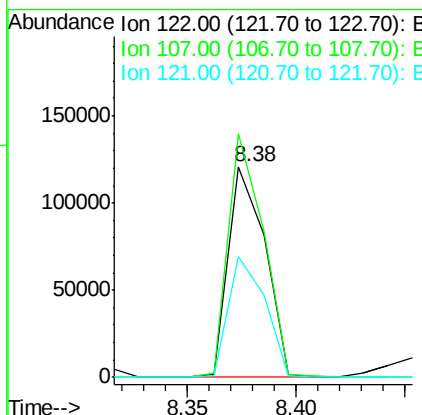
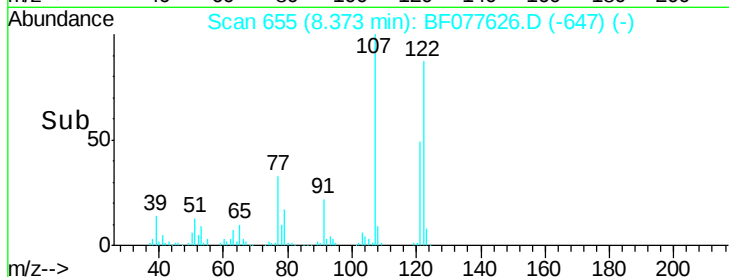
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.5	86.6	130.0
121	57.1	47.4	71.0

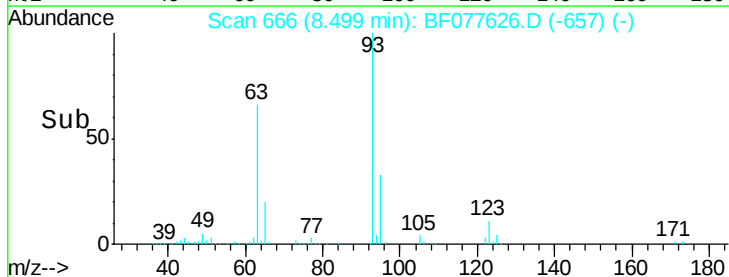
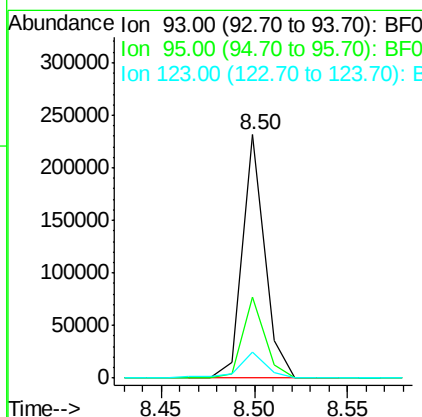
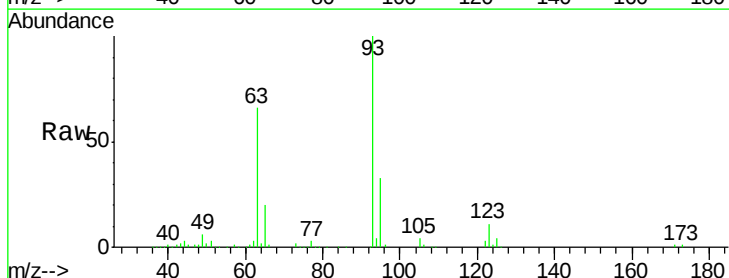
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.26 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	10.7	8.7	13.1





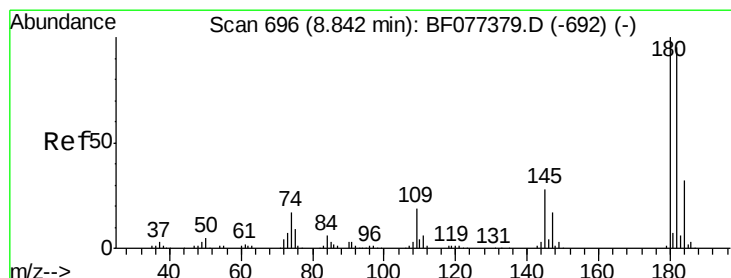
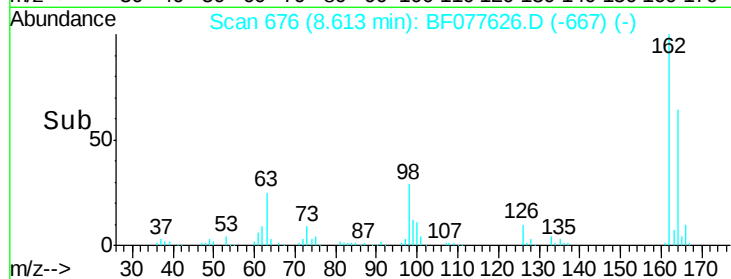
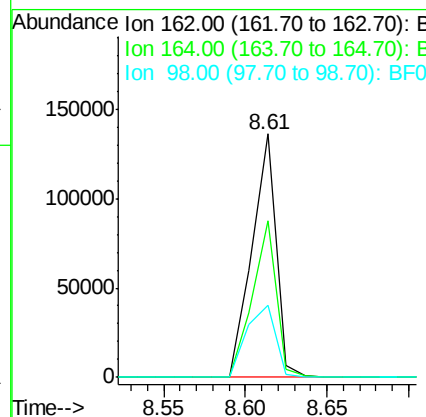
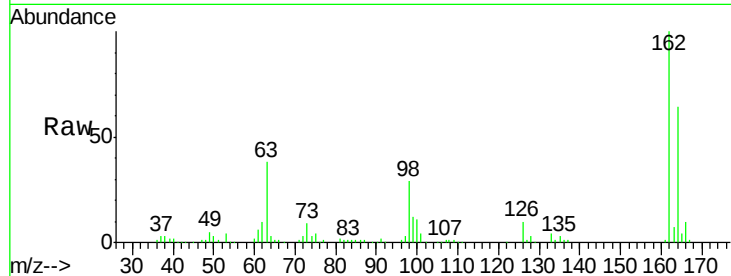
#29
2,4-Dichlorophenol
Concen: 39.33 ng
RT: 8.61 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.4	86.4
98	29.4	6.9	46.9

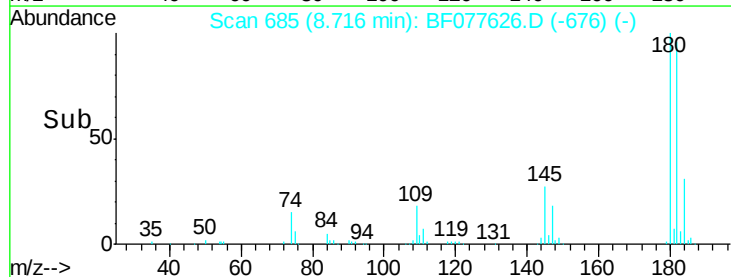
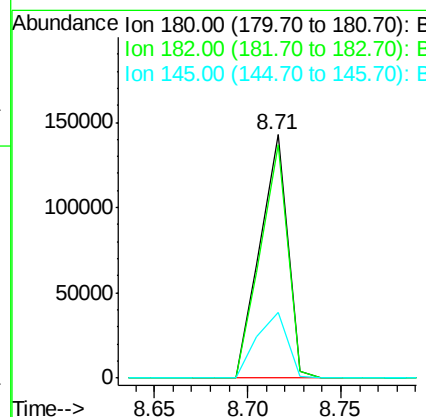
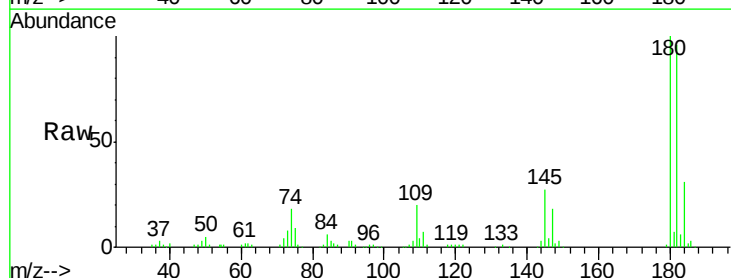
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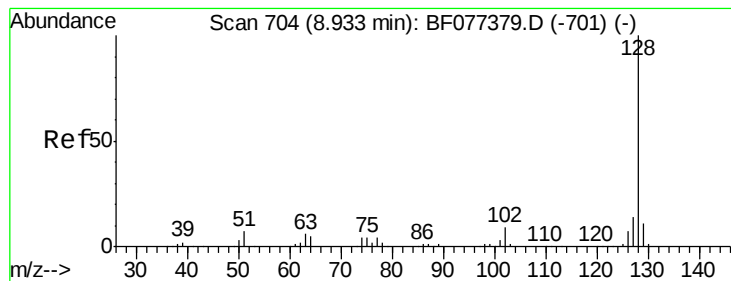
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#30
1,2,4-Trichlorobenzene
Concen: 37.45 ng
RT: 8.71 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.2	114.4
145	26.8	24.5	36.7





#31

Naphthalene

Concen: 39.63 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

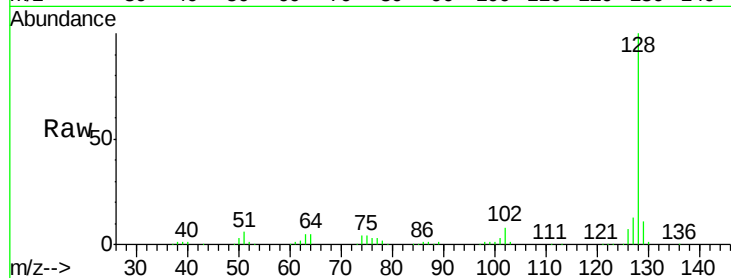
ClientSampleId :

PB81995BS

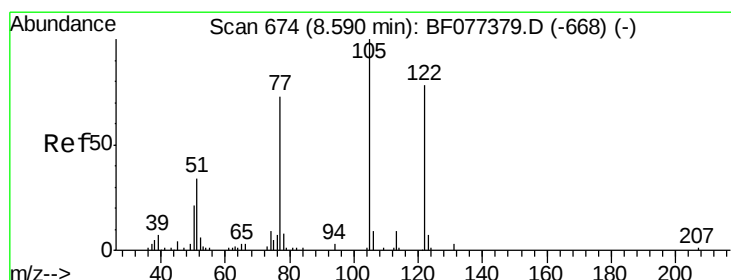
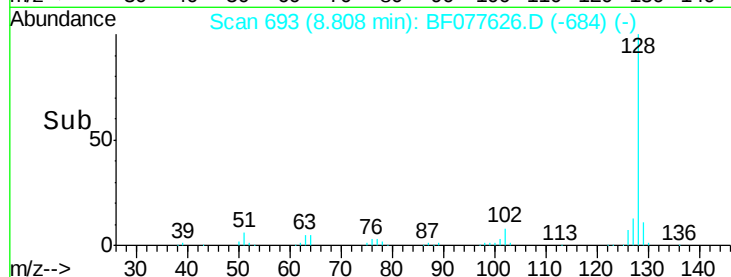
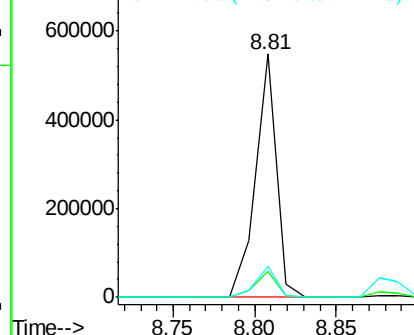
Tgt Ion:	128	Resp:	484731
Ion Ratio		Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.0	10.6	15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.51 ng

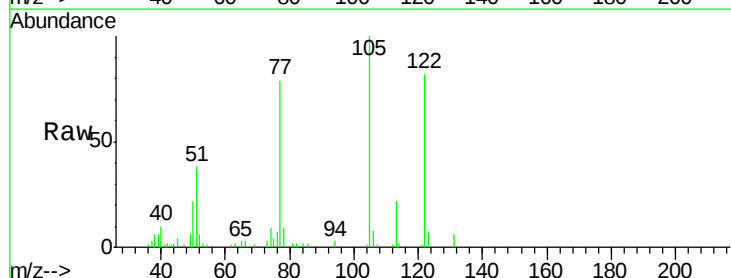
RT: 8.48 min Scan# 664

Delta R.T. -0.00 min

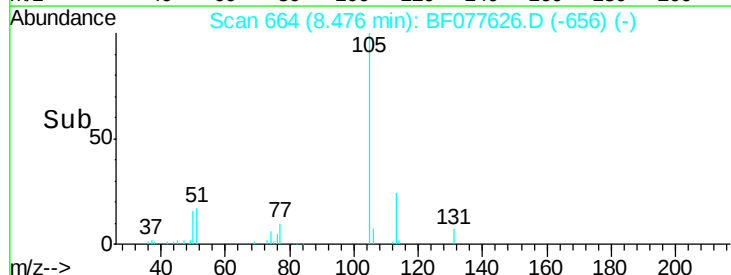
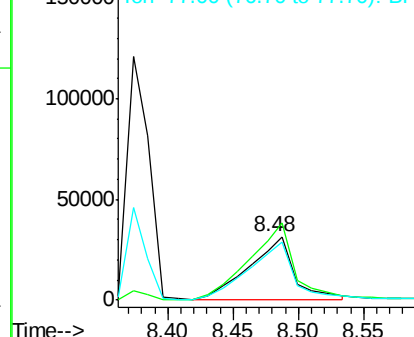
Lab File: BF077626.D

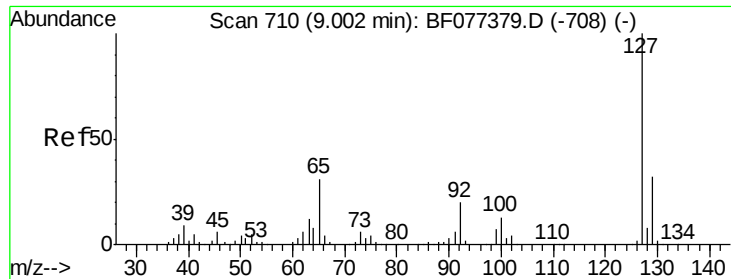
Acq: 6 Mar 2015 17:14

Tgt Ion:	122	Resp:	74693
Ion Ratio		Lower	Upper
122	100		
105	122.5	100.3	140.3
77	96.3	68.7	108.7



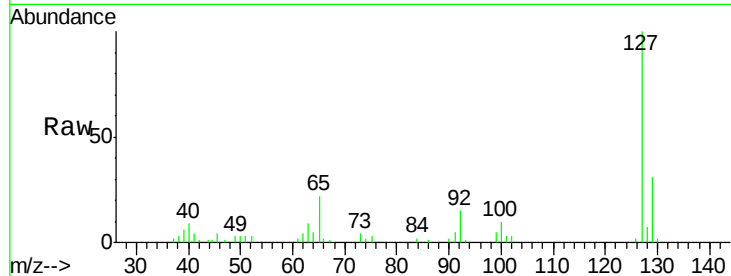
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 10.78 ng
RT: 8.88 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

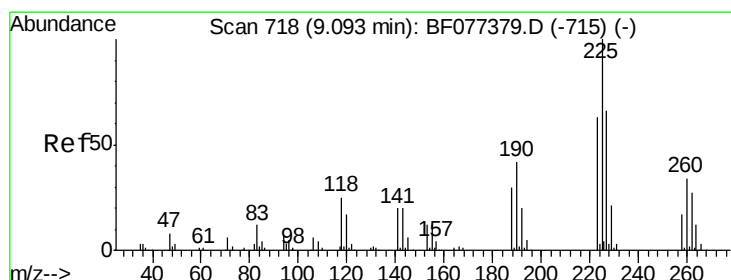
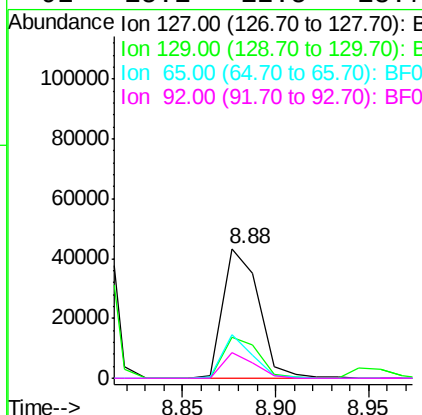
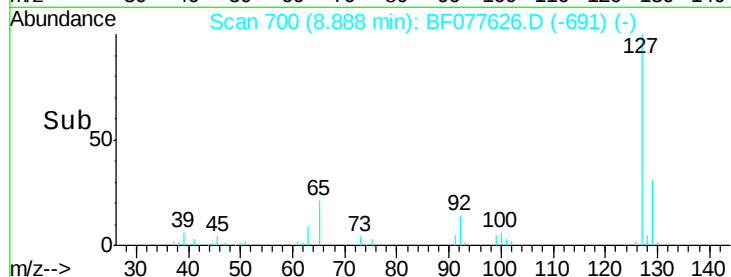
Instrument :
BNA_F
ClientSampleId :
PB81995BS



Tgt Ion:	127	Resp:	58618
Ion Ratio	Lower	Upper	
127	100		
129	31.4	26.9	40.3
65	21.5	16.7	25.1
92	15.1	12.5	18.7

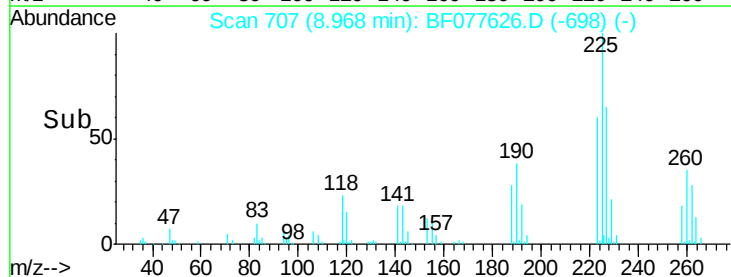
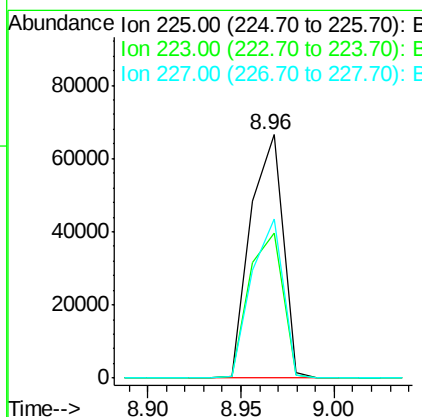
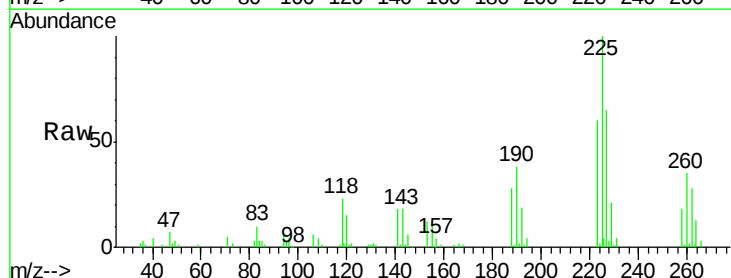
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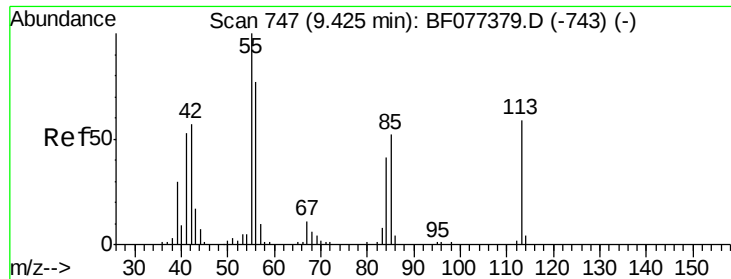
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#34
Hexachlorobutadiene
Concen: 35.91 ng
RT: 8.96 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:	225	Resp:	80274
Ion Ratio	Lower	Upper	
225	100		
223	59.8	49.5	74.3
227	65.1	50.5	75.7





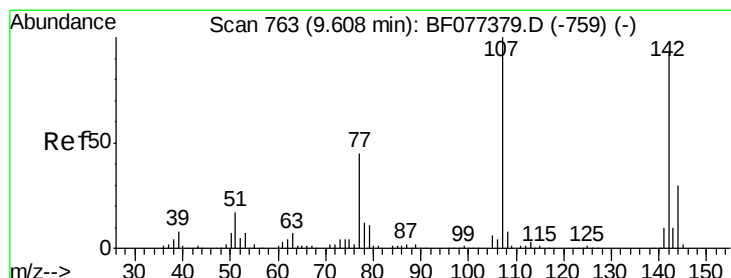
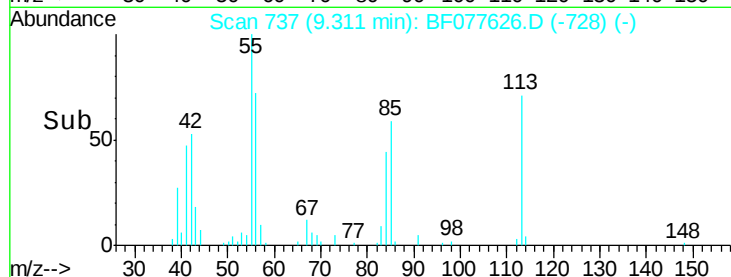
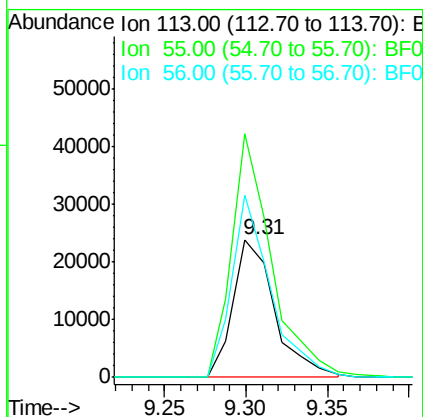
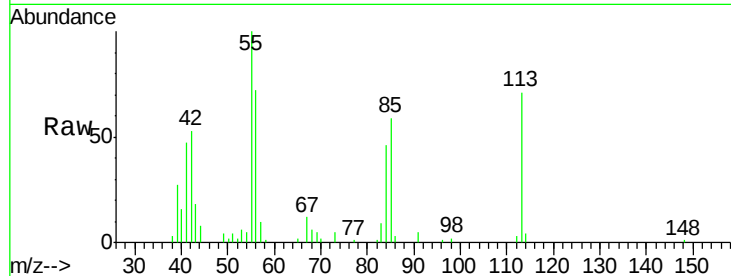
#35
 Caprolactam
 Concen: 39.12 ng
 RT: 9.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:113 Resp: 42534
 Ion Ratio Lower Upper
 113 100
 55 140.3 154.6 194.6#
 56 101.1 114.0 154.0#

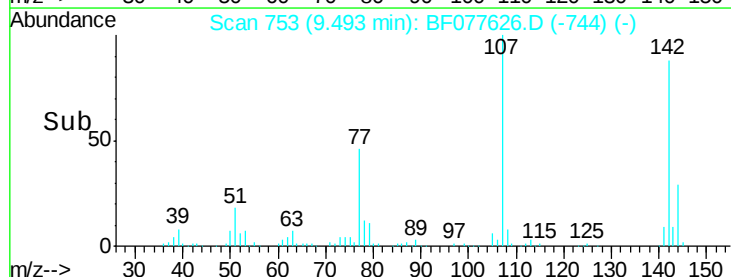
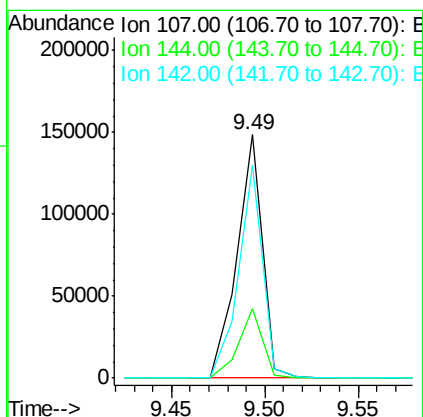
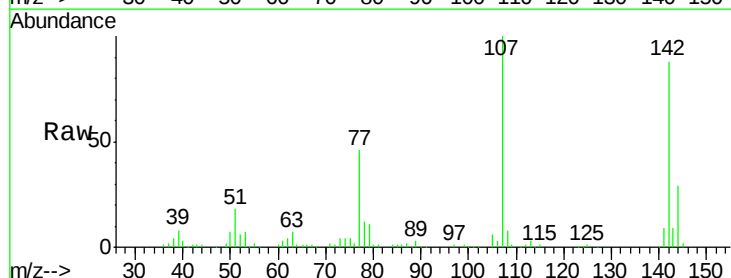
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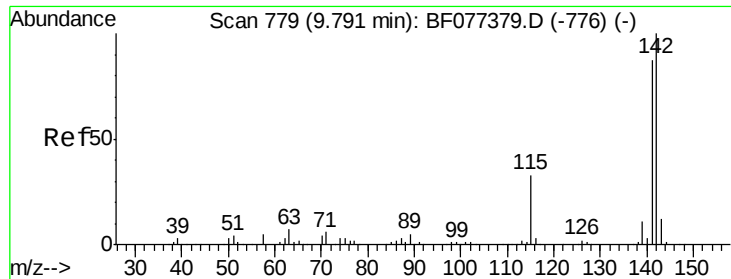
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#36
 4-Chloro-3-methylphenol
 Concen: 39.57 ng
 RT: 9.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:107 Resp: 141688
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.1 31.7
 142 87.5 65.3 97.9





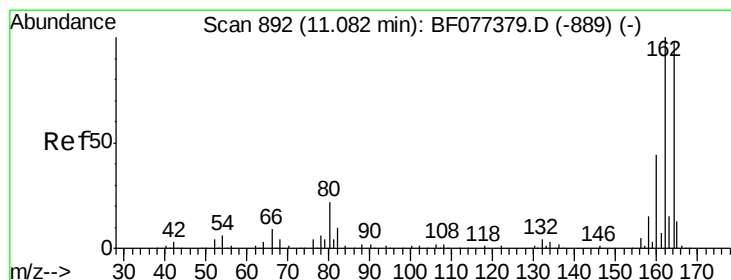
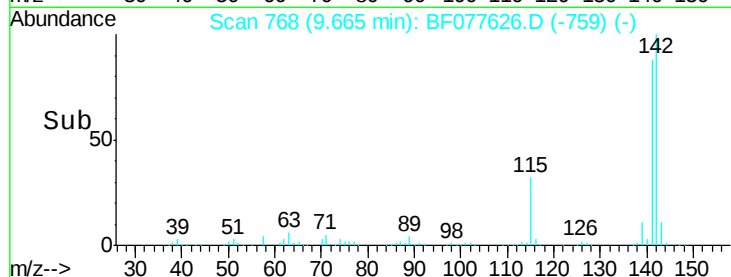
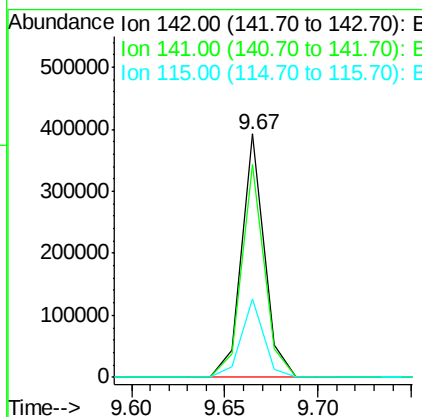
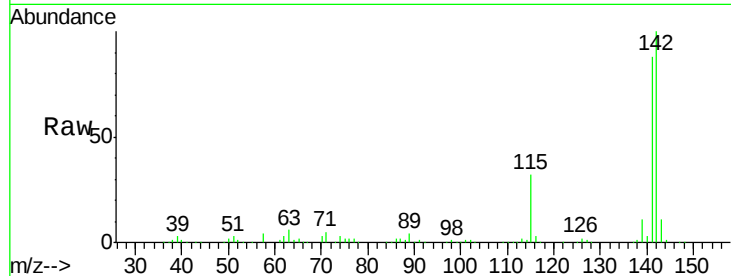
#37
2-Methylnaphthalene
Concen: 38.71 ng
RT: 9.67 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.7	106.1
115	32.2	24.2	36.4

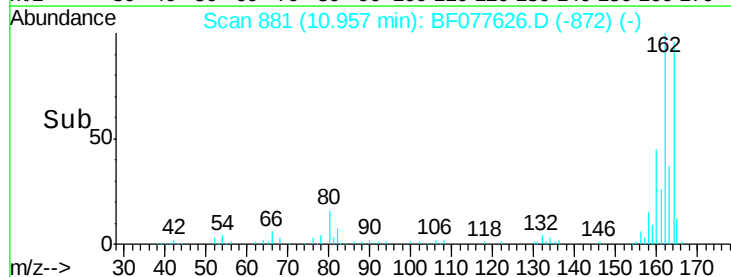
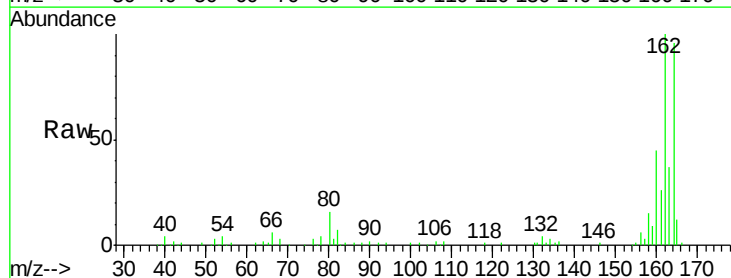
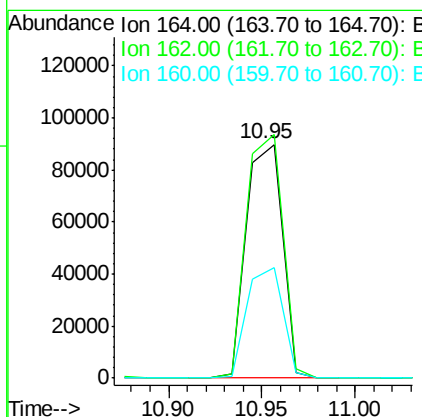
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.2	124.8
160	47.1	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.62 ng

RT: 9.87 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF077626.D

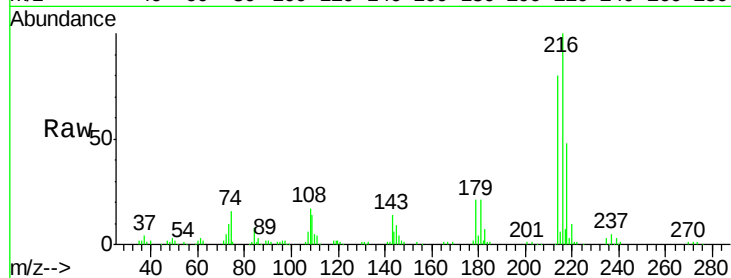
Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS



Tgt Ion: 216 Resp: 144212

Ion Ratio Lower Upper

216 100

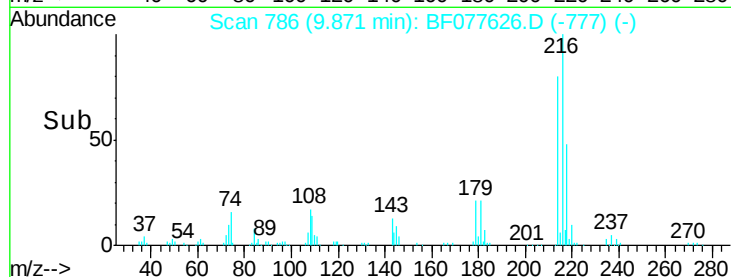
214 78.8 63.4 95.0

179 21.3 16.6 25.0

108 21.1 14.2 21.4

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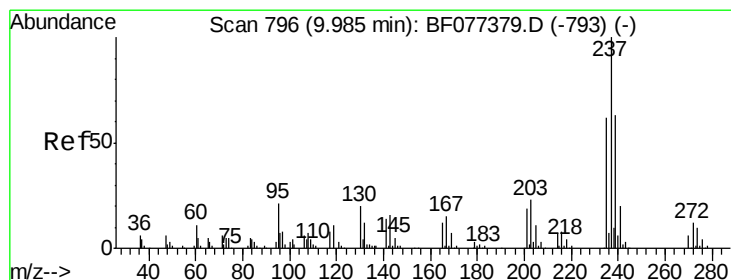
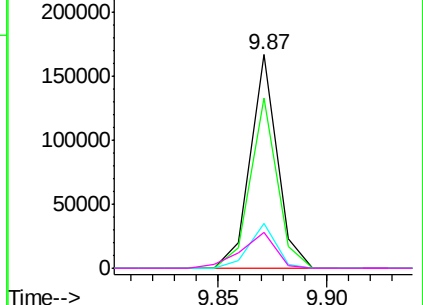


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.61 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

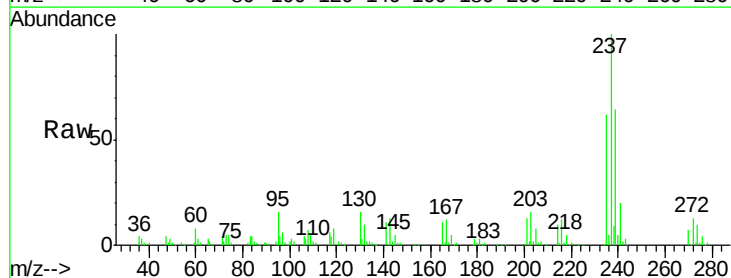
Tgt Ion: 237 Resp: 144194

Ion Ratio Lower Upper

237 100

235 62.0 41.0 81.0

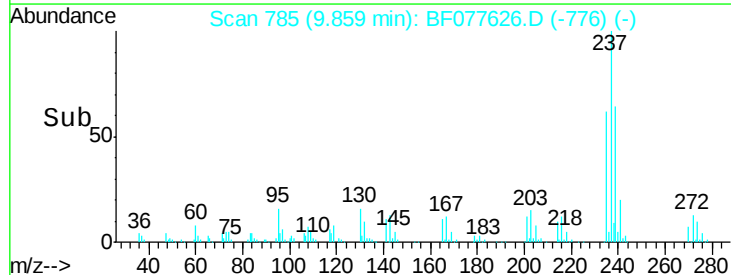
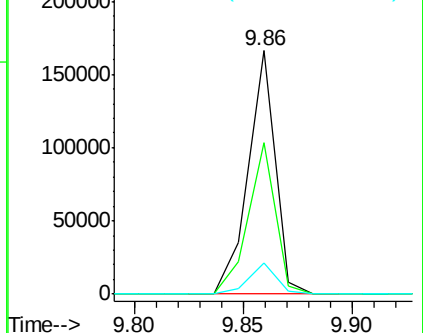
272 12.6 0.0 34.3

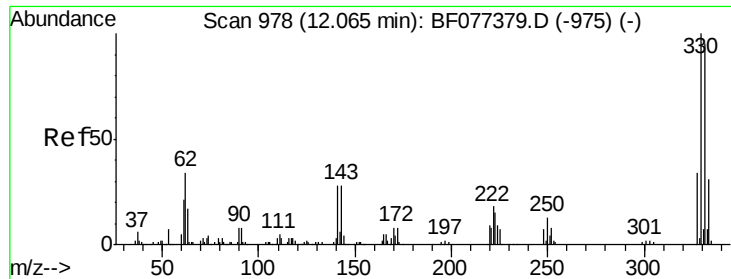


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





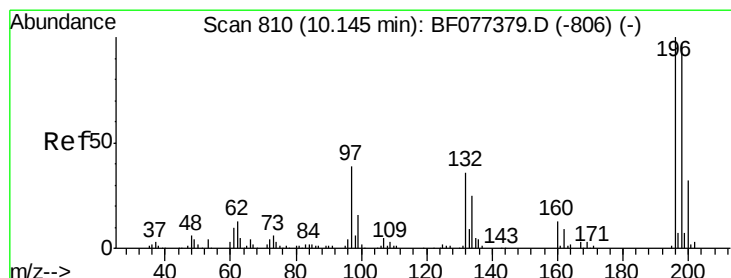
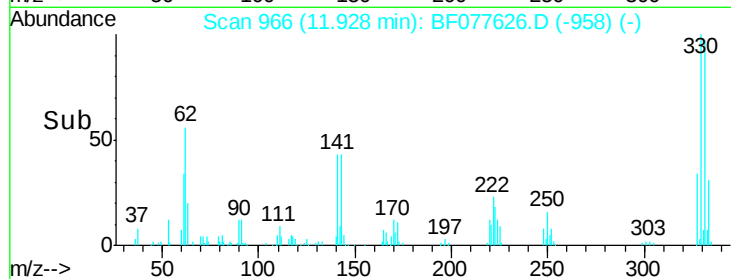
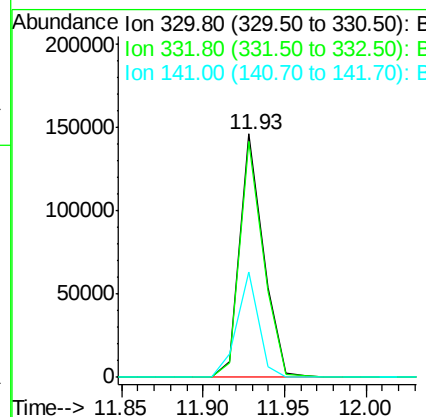
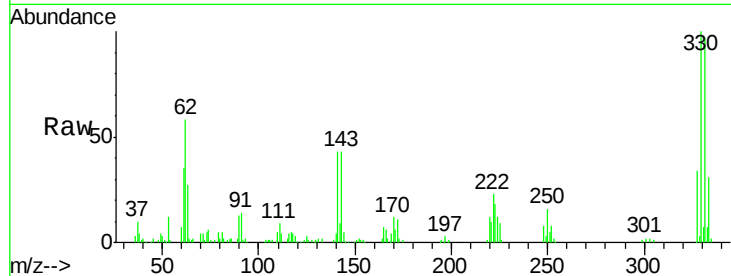
#41
 2,4,6-Tribromophenol
 Concen: 125.87 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146356		
332	96.7	77.4	116.2	
141	39.5	28.8	43.2	

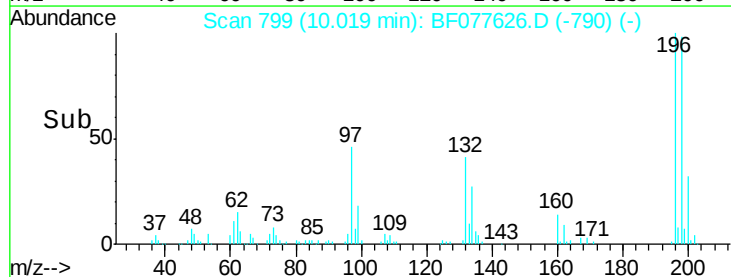
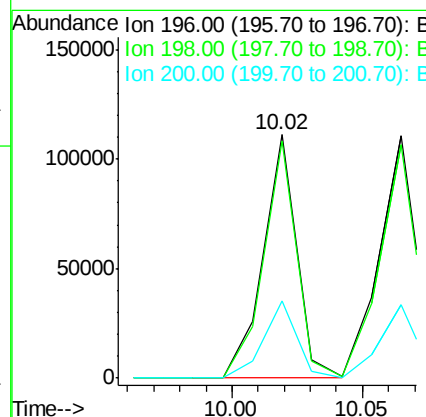
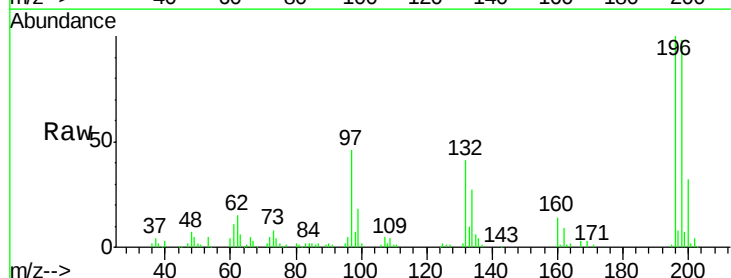
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#42
 2,4,6-Trichlorophenol
 Concen: 43.77 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

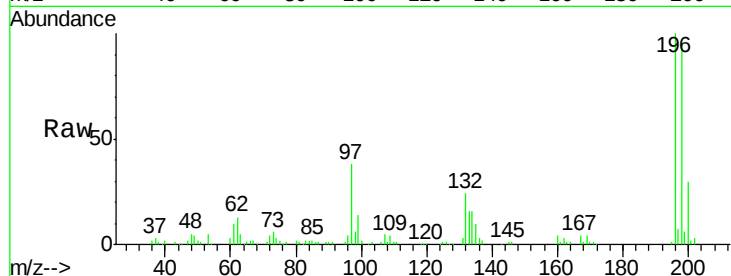
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100438		
198	97.7	75.8	113.8	
200	31.8	24.2	36.4	





#43
2,4,5-Trichlorophenol
Concen: 43.55 ng
RT: 10.06 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

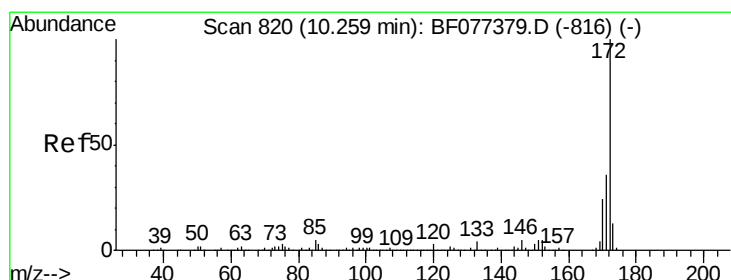
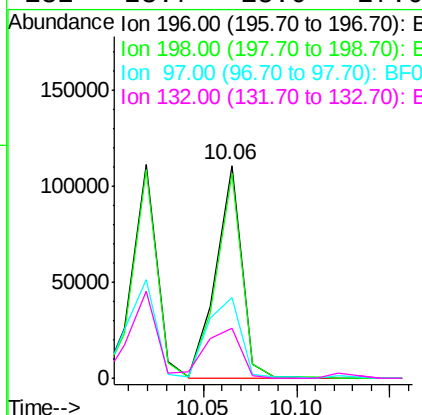
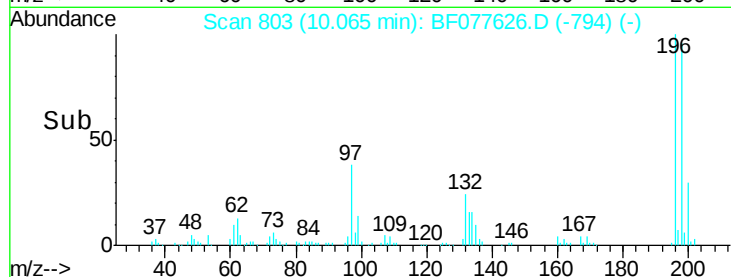
Instrument :
BNA_F
ClientSampleId :
PB81995BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106851		
198	96.4	77.2	115.8	
97	37.9	27.7	41.5	
132	23.7	18.0	27.0	

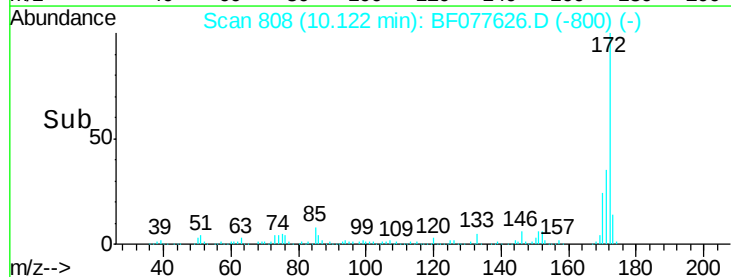
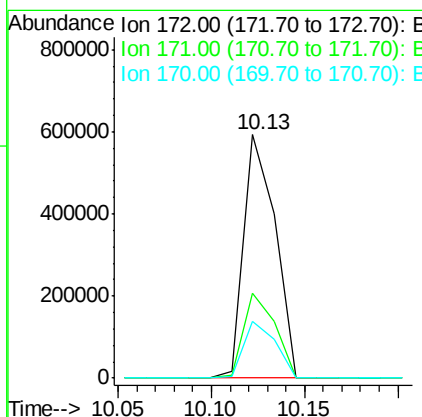
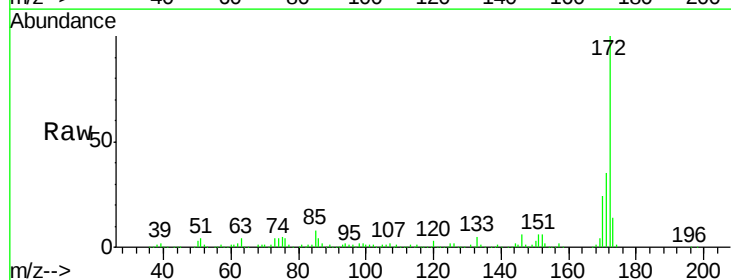
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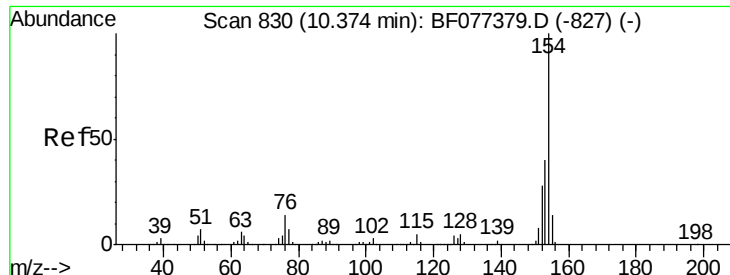
mohammad
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#44
2-Fluorobiphenyl
Concen: 89.67 ng
RT: 10.13 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	694469		
171	35.1	28.9	43.3	
170	23.6	19.4	29.2	





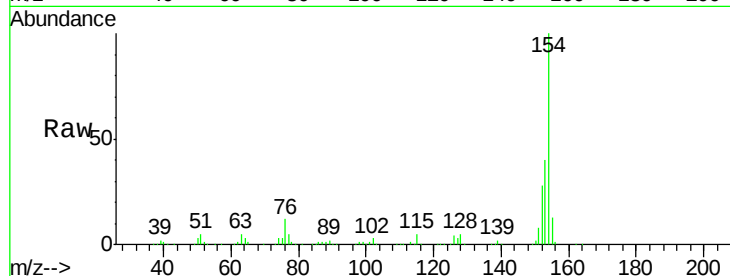
#45
1,1'-Biphenyl
Concen: 43.25 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

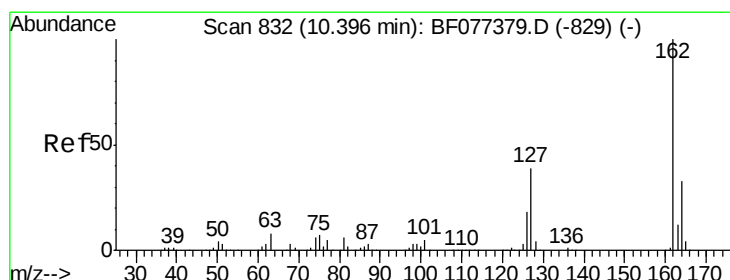
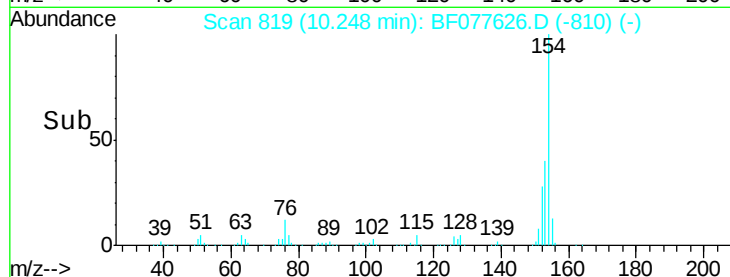
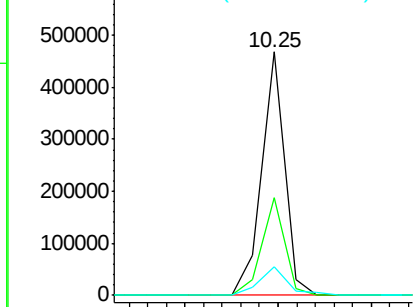
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	395648		
153	40.1	20.2	60.2	
76	12.0	0.0	29.4	

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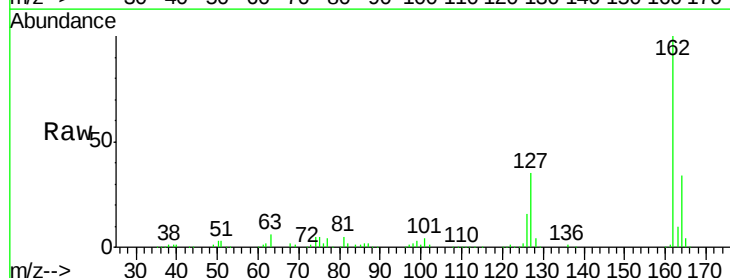


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

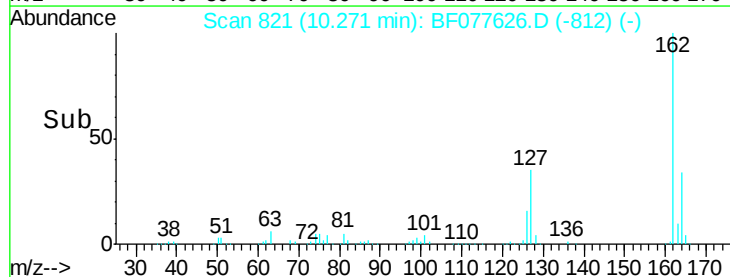
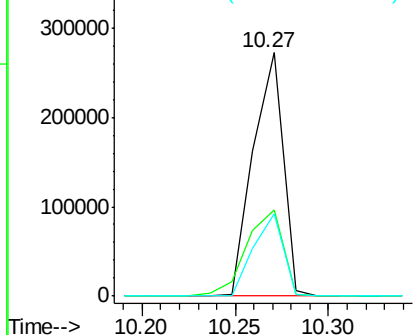


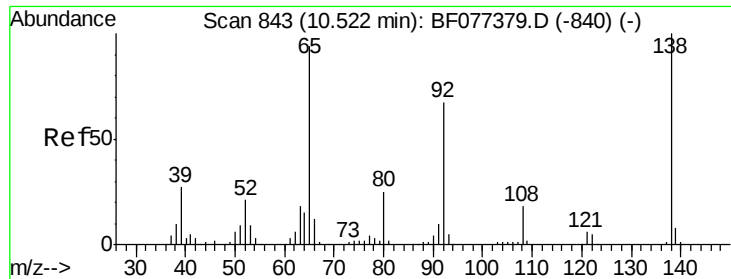
#46
2-Chloronaphthalene
Concen: 42.37 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	303977		
127	35.4	33.3	49.9	
164	33.9	26.2	39.4	



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





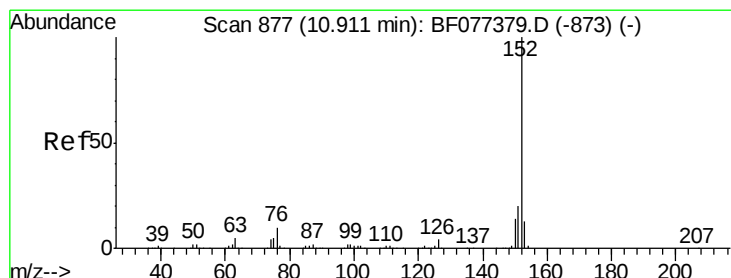
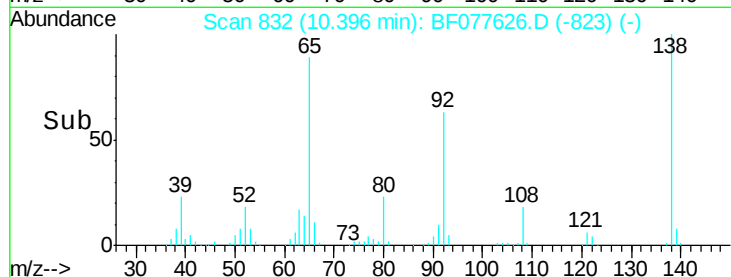
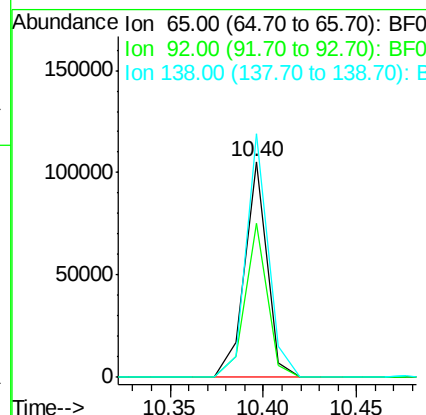
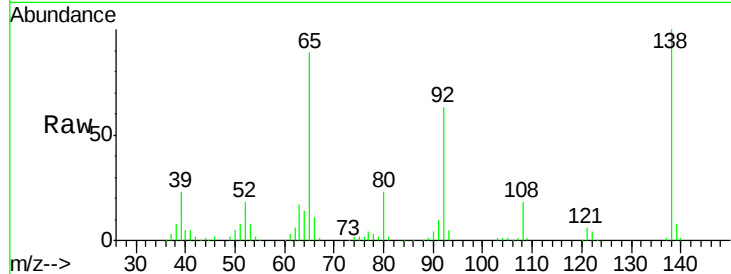
#47
 2-Nitroaniline
 Concen: 50.31 ng
 RT: 10.40 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

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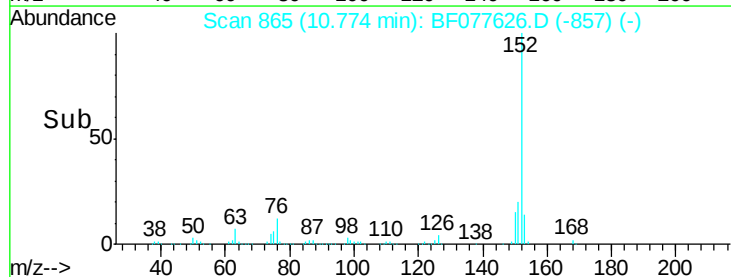
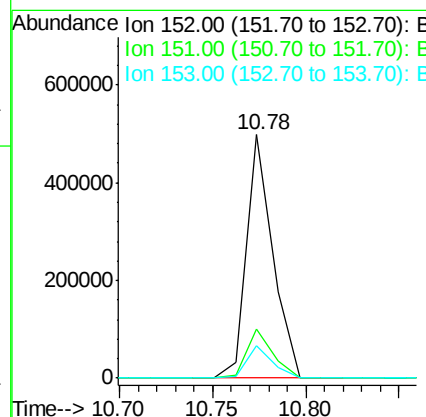
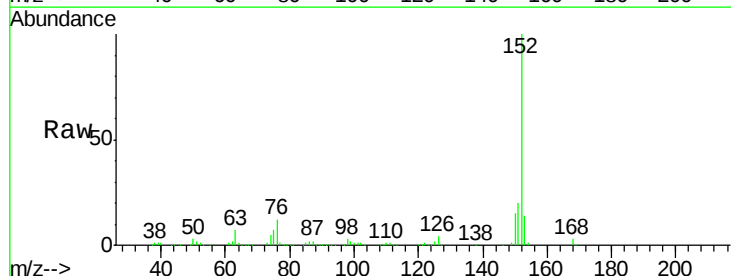
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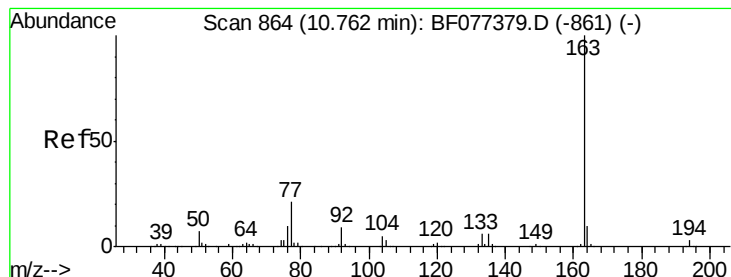
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	52.4	78.6
138	112.9	73.4	110.0



#48
 Acenaphthylene
 Concen: 42.68 ng
 RT: 10.78 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.5	10.9	16.3





#49

Dimethylphthalate

Concen: 43.09 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

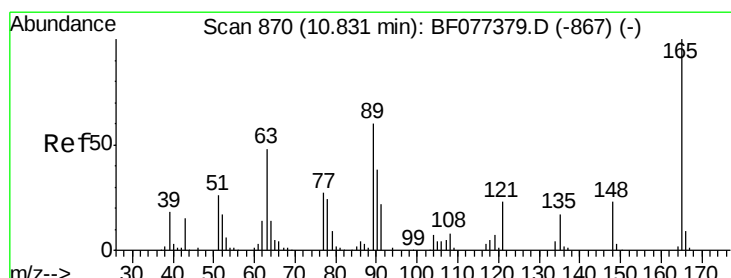
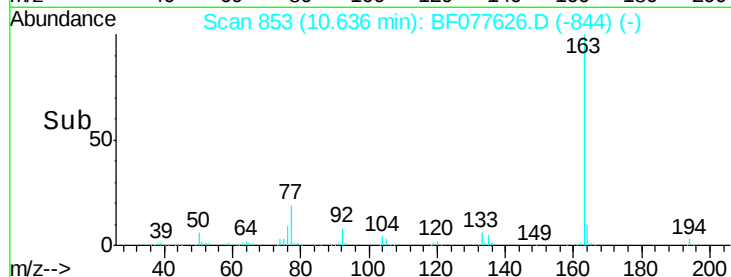
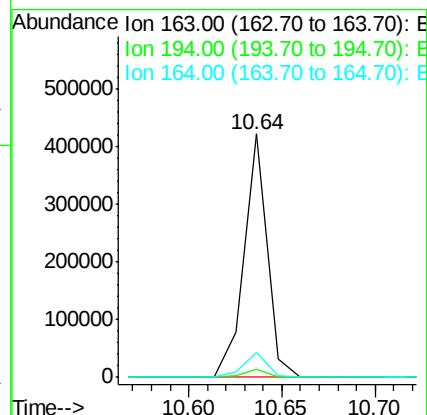
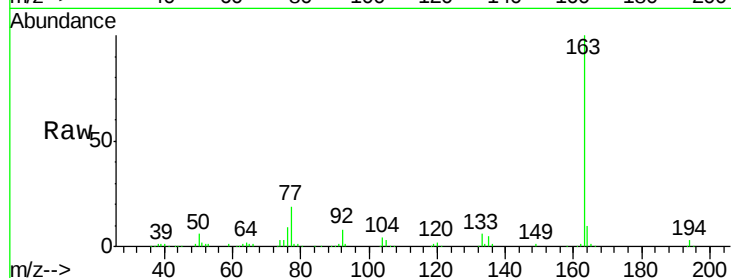
ClientSampleId :

PB81995BS

Tgt Ion:	163	Resp:	365795
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.2	8.6	13.0

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#50

2,6-Dinitrotoluene

Concen: 44.85 ng

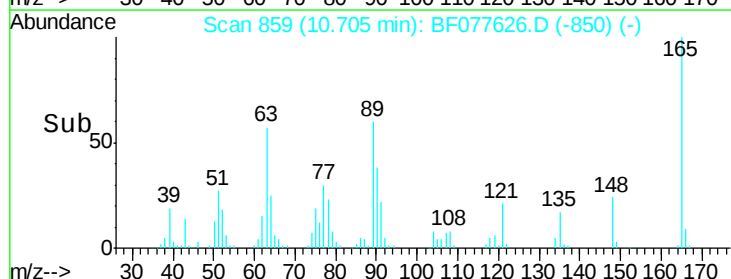
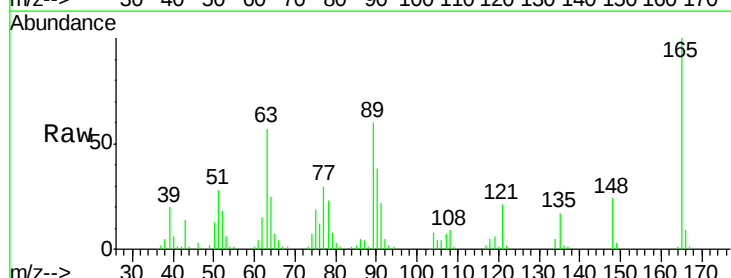
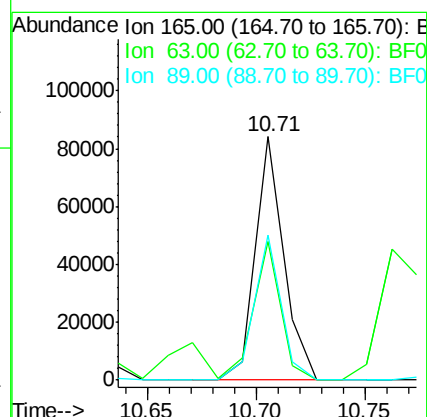
RT: 10.71 min Scan# 859

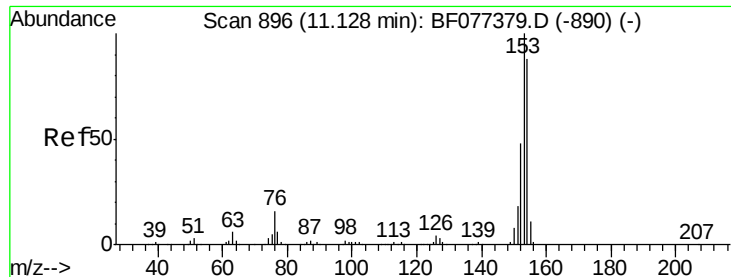
Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	165	Resp:	76340
Ion Ratio	Lower	Upper	
165	100		
63	57.1	25.2	37.8#
89	59.5	30.5	45.7#





#51

Acenaphthene

Concen: 42.83 ng

RT: 10.99 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

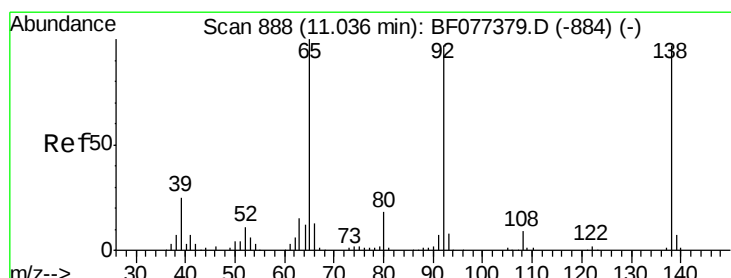
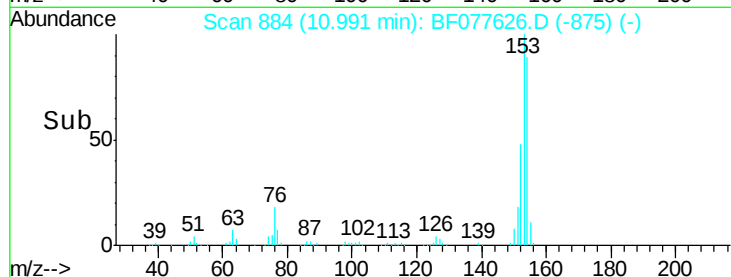
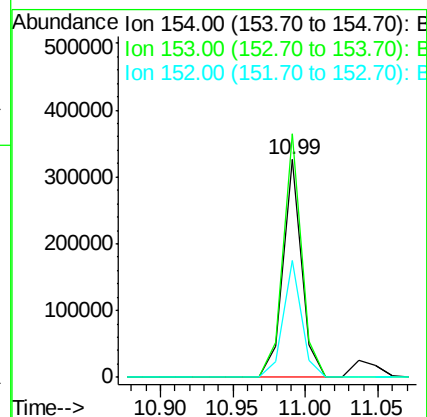
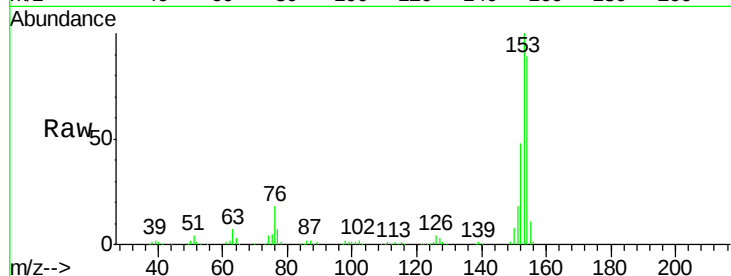
ClientSampleId :

PB81995BS

Tgt Ion:	154	Resp:	290325
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.5	135.7
152	53.8	43.5	65.3

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#52

3-Nitroaniline

Concen: 17.92 ng

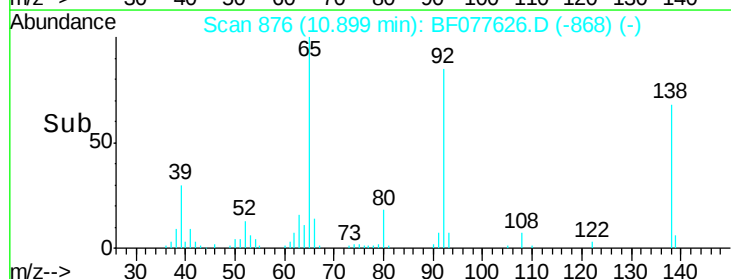
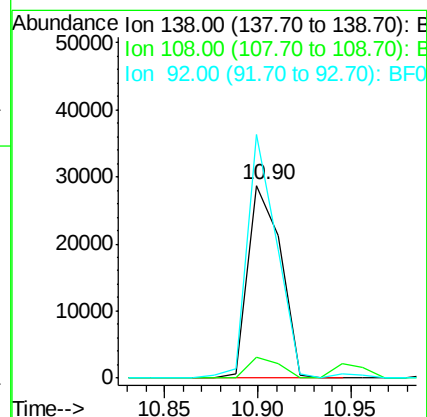
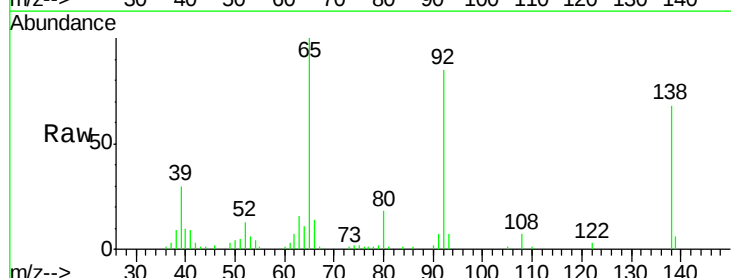
RT: 10.90 min Scan# 876

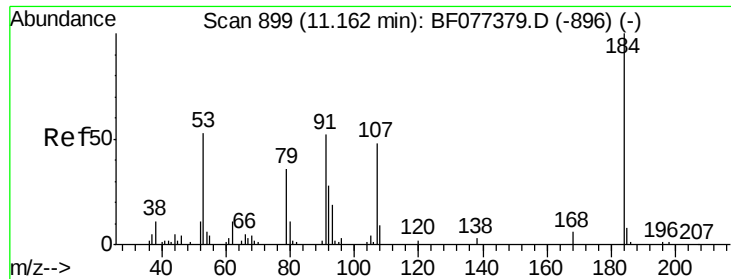
Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

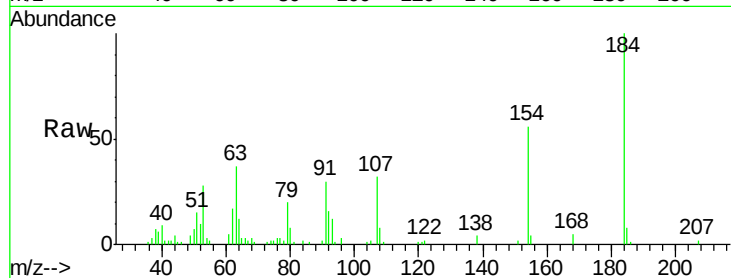
Tgt Ion:	138	Resp:	35170
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.8	11.8
92	126.2	90.6	135.8





#53
2,4-Dinitrophenol
Concen: 95.07 ng
RT: 11.04 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

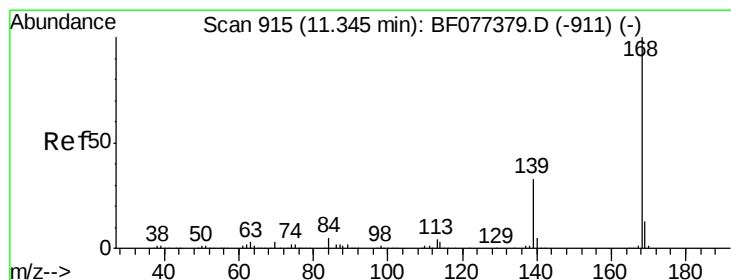
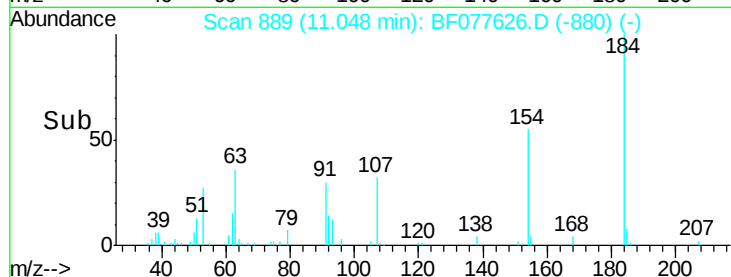
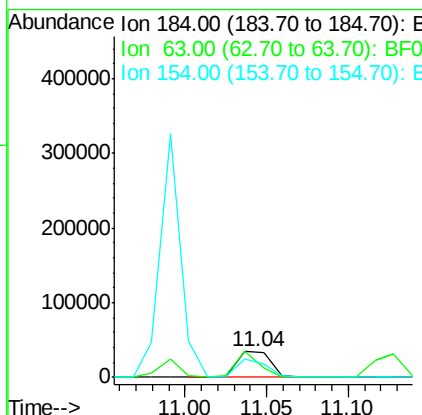
Instrument :
BNA_F
ClientSampleId :
PB81995BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49243		
63	37.3	29.5	44.3	
154	56.4	43.2	64.8	

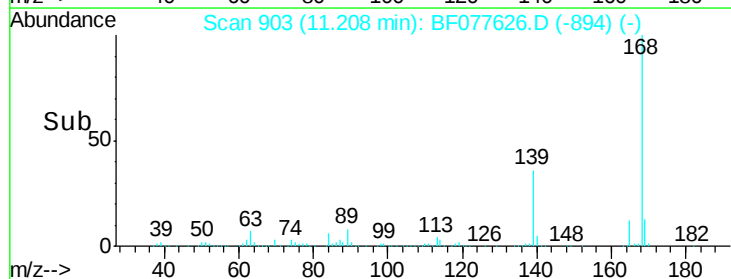
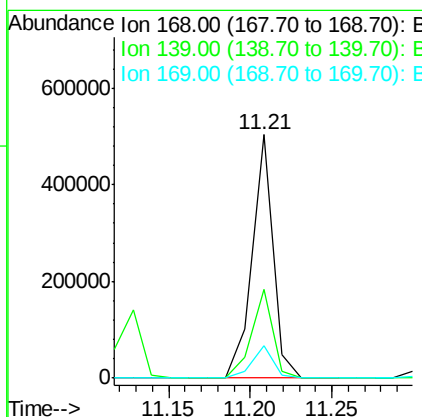
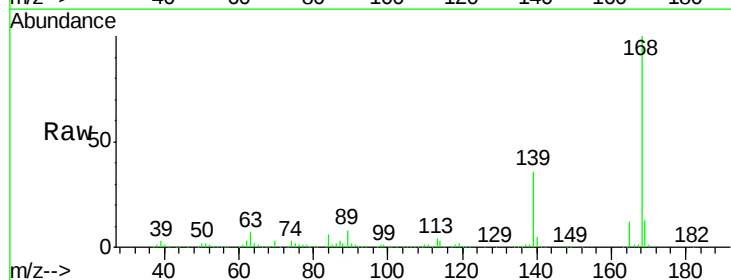
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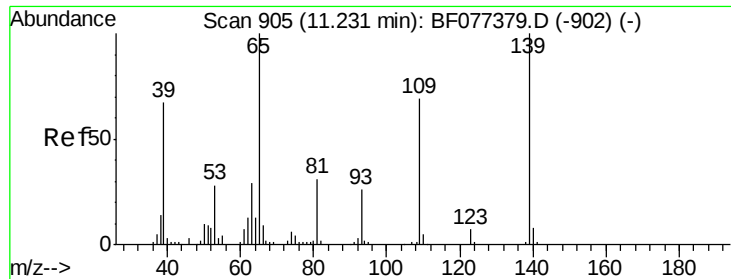
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#54
Dibenzofuran
Concen: 42.98 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	449786		
139	36.3	29.3	43.9	
169	13.5	10.9	16.3	





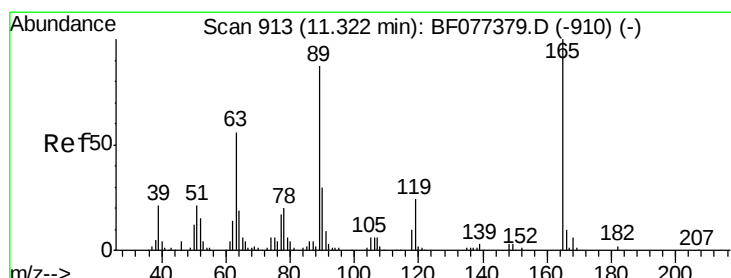
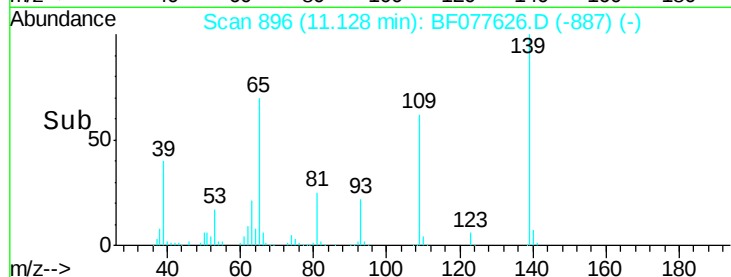
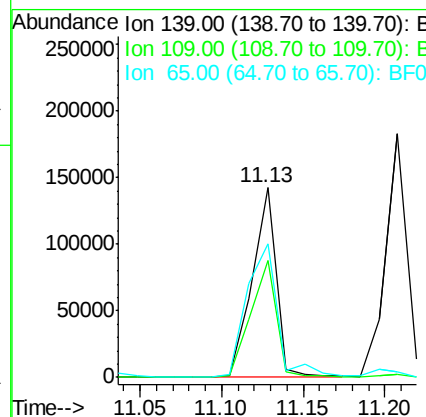
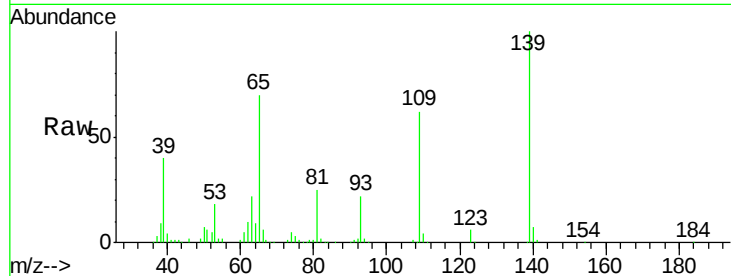
#55
4-Nitrophenol
Concen: 92.35 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampled :
PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	145777		
109	61.9	36.2	76.2	
65	70.2	40.3	80.3	

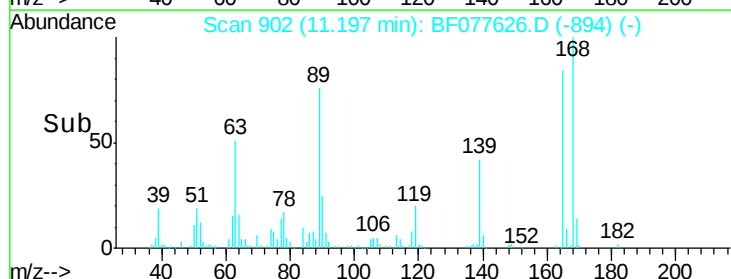
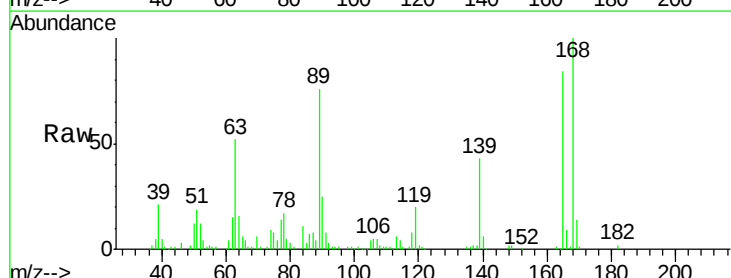
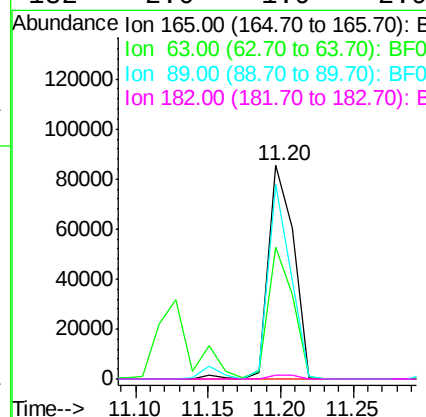
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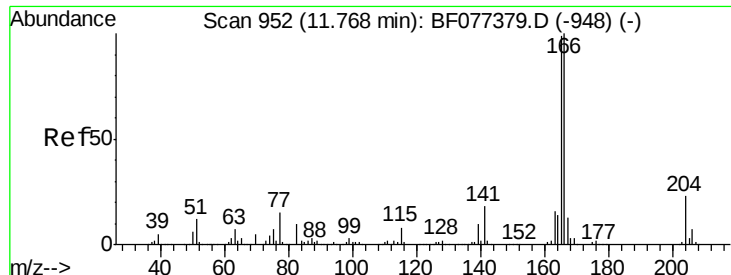
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103548		
63	61.7	29.8	44.8#	
89	90.8	48.5	72.7#	
182	2.0	1.9	2.9	





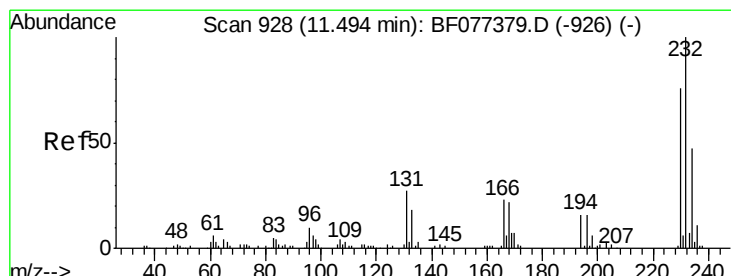
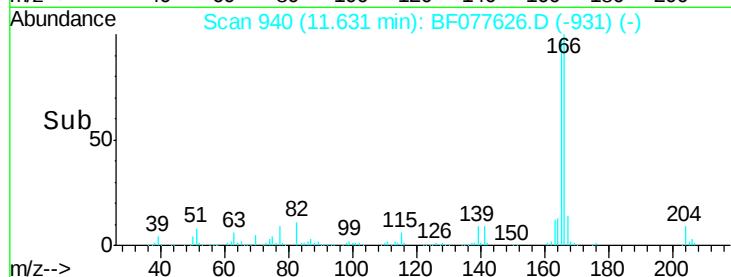
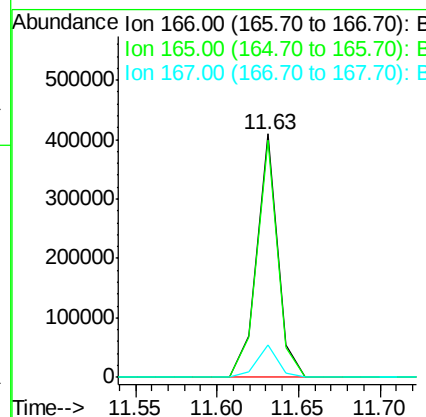
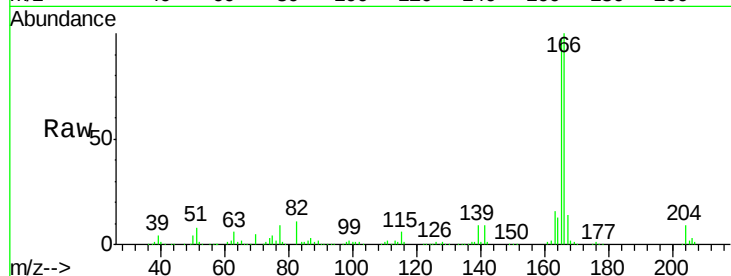
#57
 Fluorene
 Concen: 43.85 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleID :
 PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	366891		
165	97.3	77.6	116.4	
167	13.6	10.6	16.0	

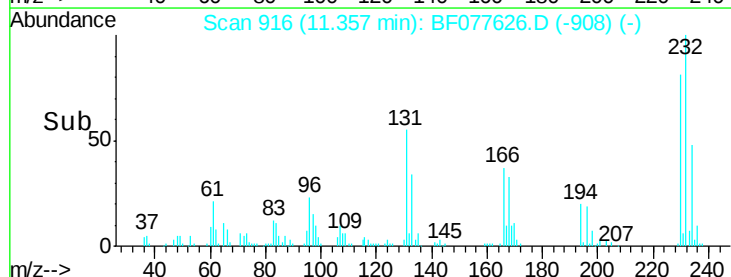
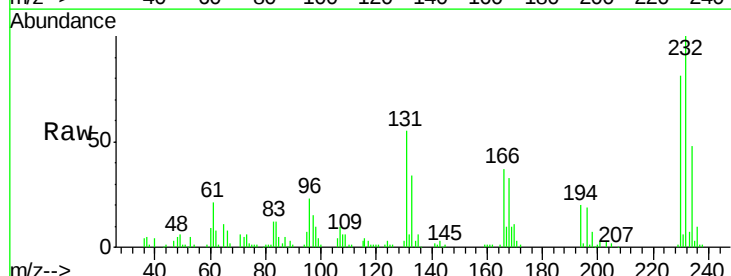
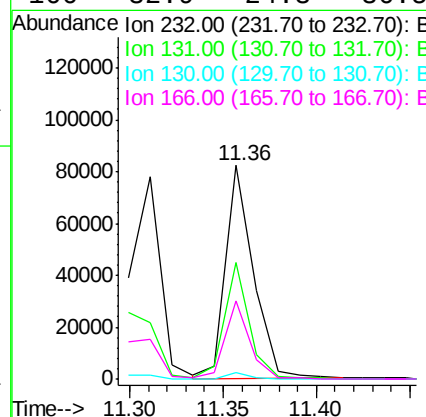
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 11.36 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	85205		
131	49.1	34.2	51.2	
130	2.3	1.8	2.6	
166	32.9	24.3	36.5	





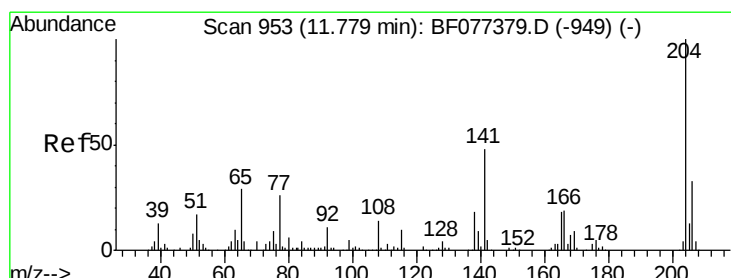
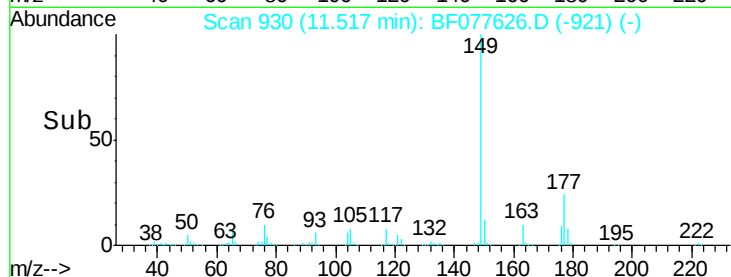
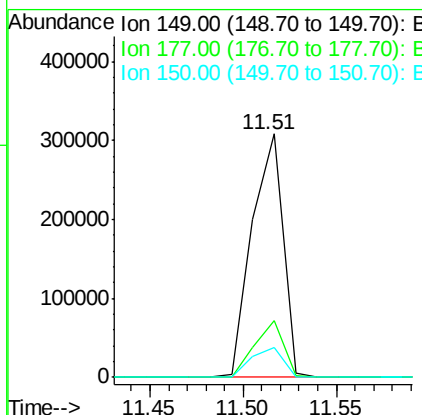
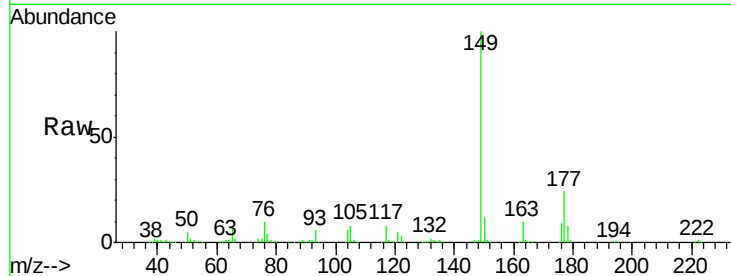
#59
Diethylphthalate
Concen: 42.43 ng
RT: 11.51 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.5	17.2	25.8
150	12.4	10.5	15.7

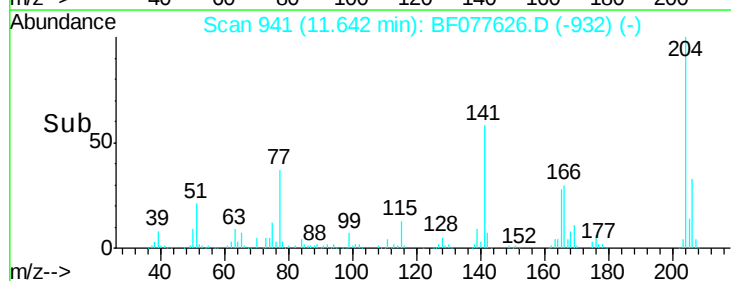
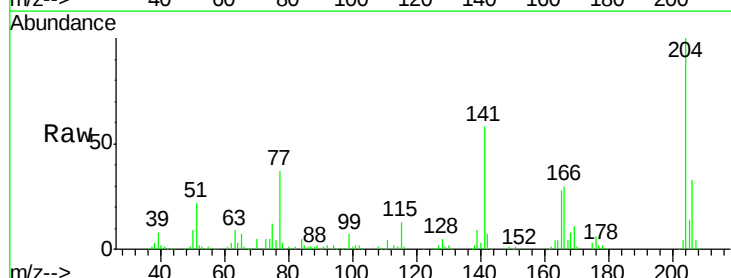
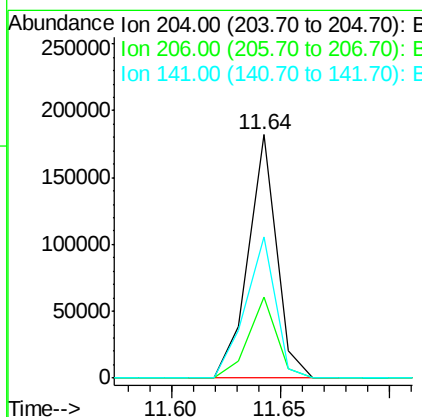
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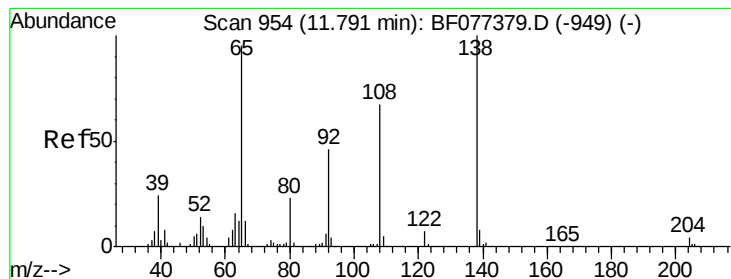
mohammad
3/9/2015 3:25:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.01 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

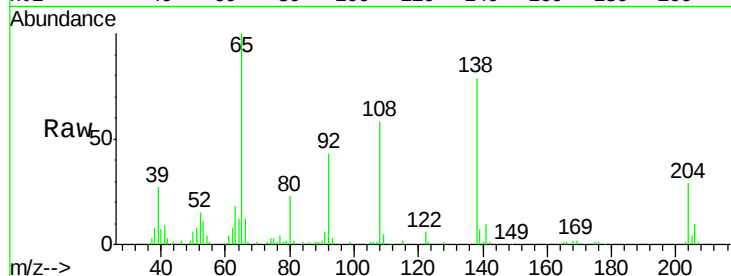
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.1	25.9	38.9
141	57.9	43.6	65.4





#61
4-Nitroaniline
Concen: 40.73 ng
RT: 11.66 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

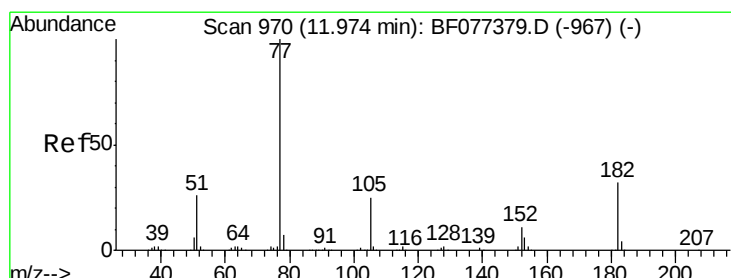
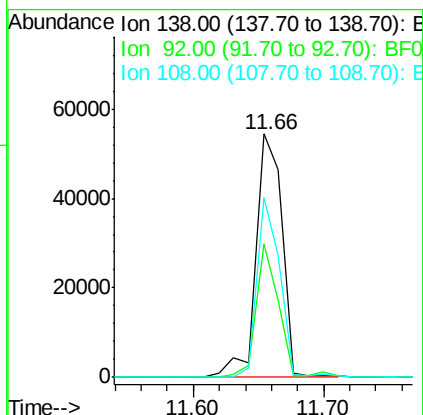
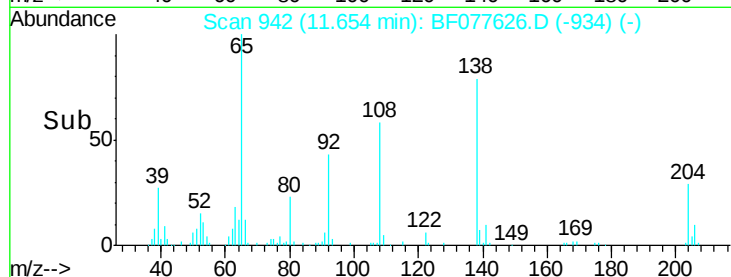
Instrument :
BNA_F
ClientSampleId :
PB81995BS



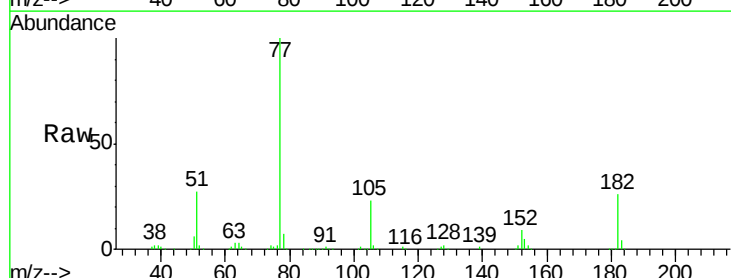
Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	32.8	72.8
108	73.9	52.1	92.1

Manual Integrations
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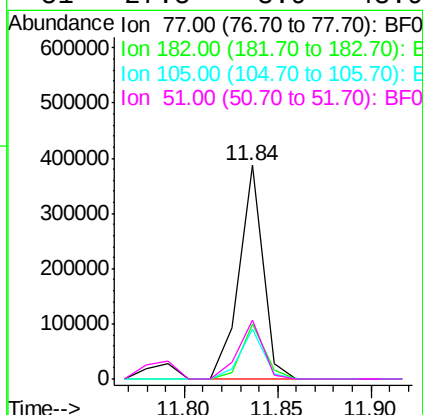
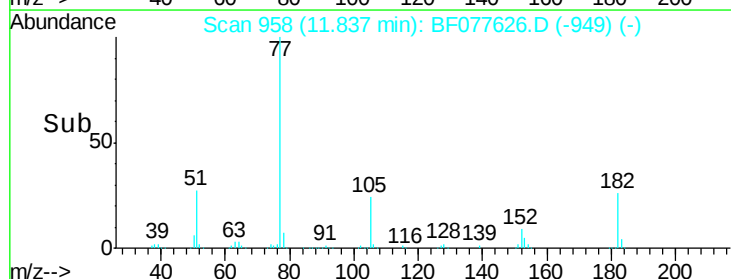
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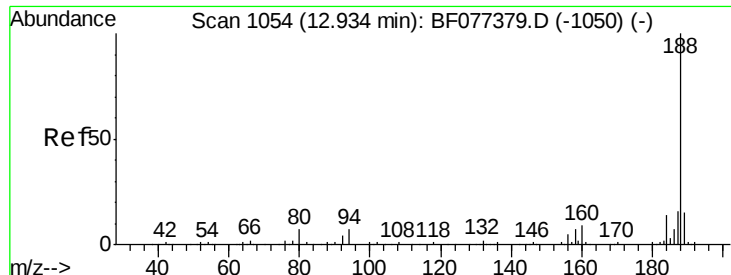


#62
Azobenzene
Concen: 43.92 ng
RT: 11.84 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14



Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.9	44.9
105	23.5	3.3	43.3
51	27.5	8.9	48.9





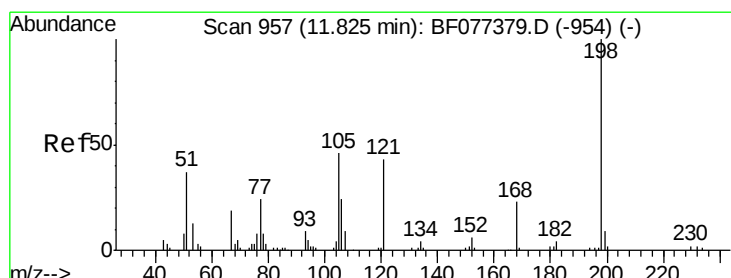
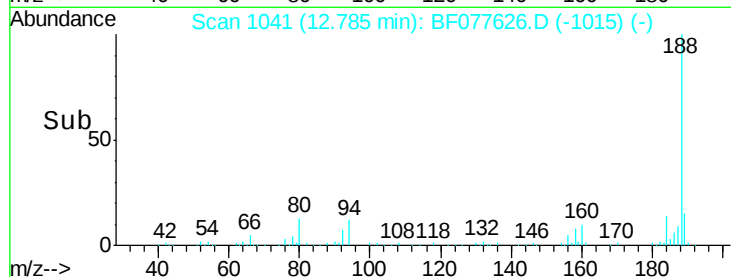
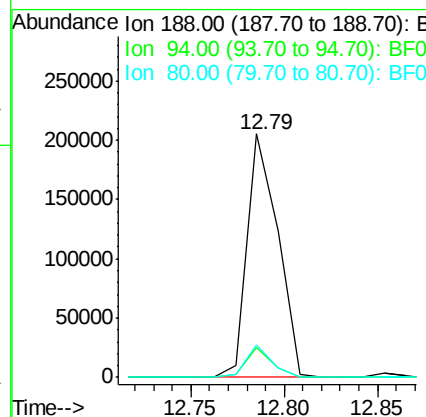
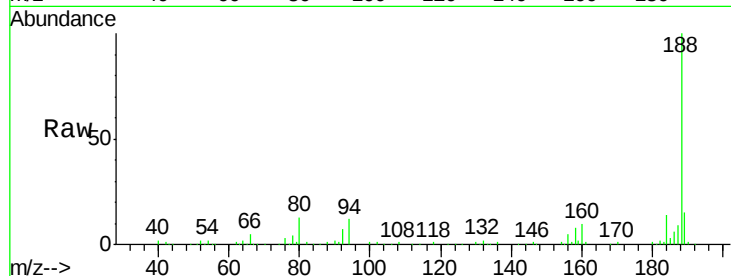
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	234743		
94	12.5	7.4	11.2#	
80	13.3	8.0	12.0#	

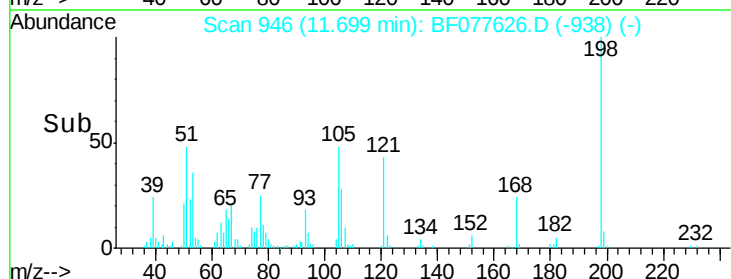
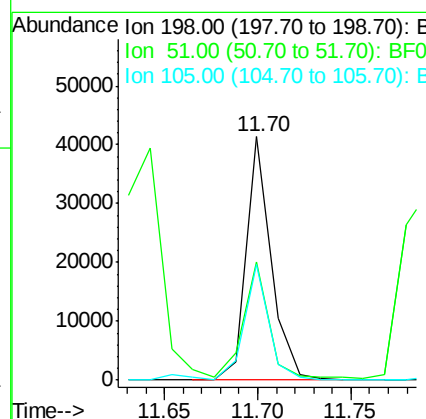
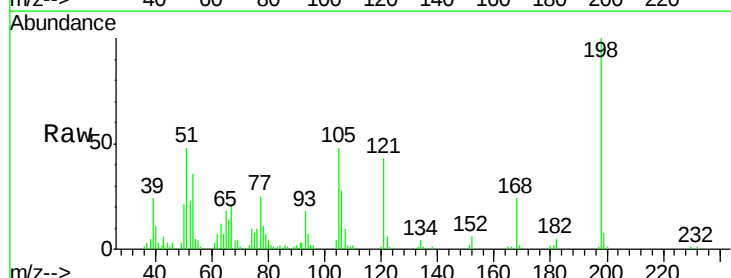
Manual Integrations
APPROVED

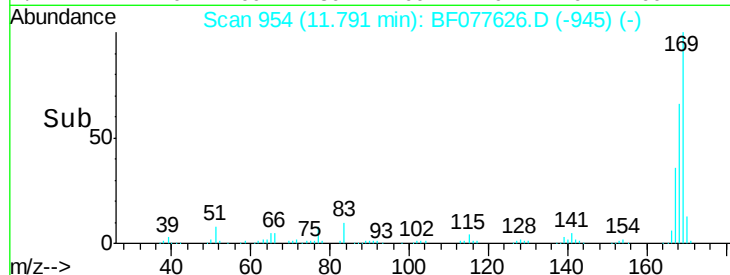
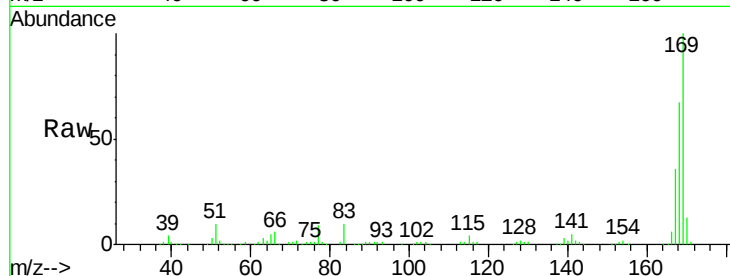
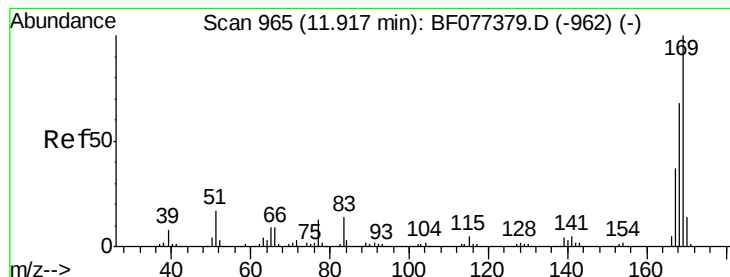
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.74 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	38606		
51	48.5	2.7	42.7#	
105	47.6	10.0	50.0	





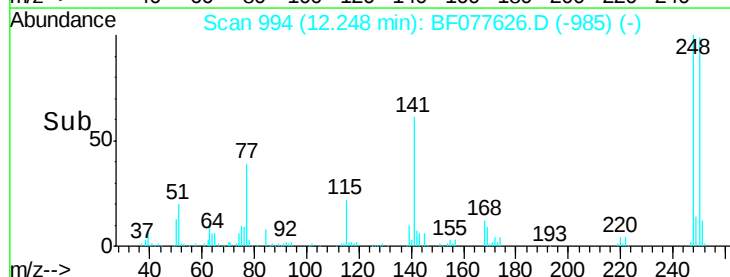
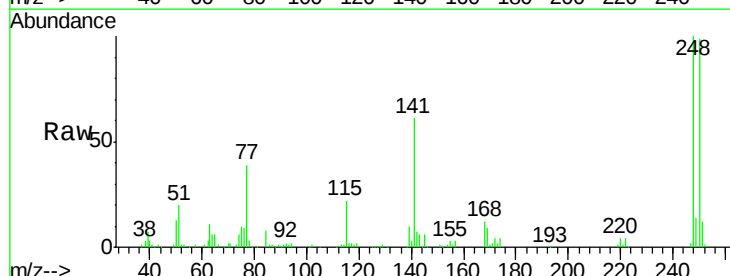
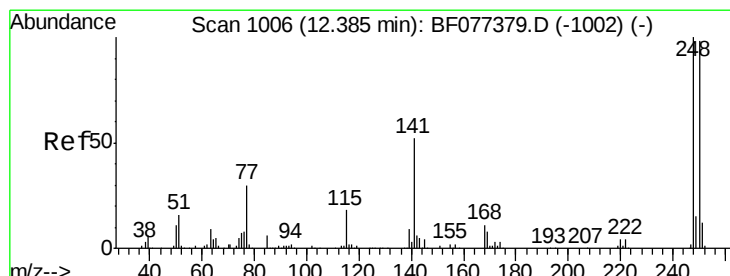
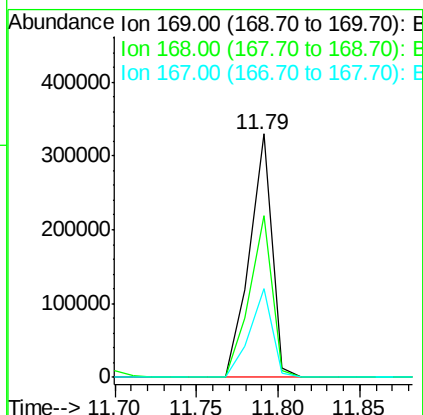
#65
n-Nitrosodiphenylamine
Concen: 40.72 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	317157		
168	66.6	53.0	79.6	
167	36.3	29.5	44.3	

Instrument :
BNA_F
ClientSampleId :
PB81995BS

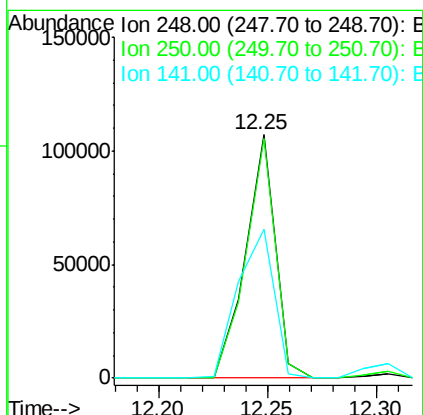
Manual Integrations
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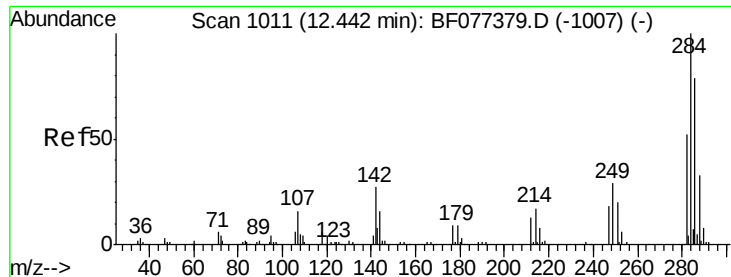
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#66
4-Bromophenyl-phenylether
Concen: 36.87 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	101338		
250	98.7	78.0	117.0	
141	61.1	54.1	81.1	





#67

Hexachlorobenzene

Concen: 36.48 ng

RT: 12.30 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

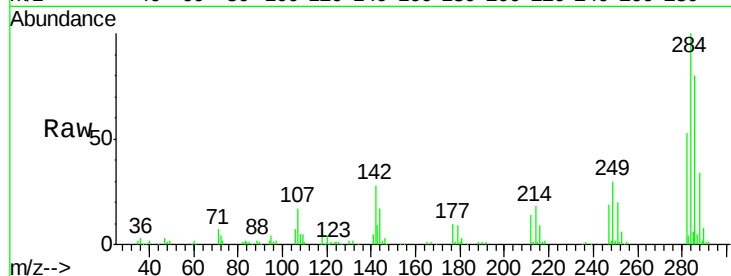
ClientSampleId :

PB81995BS

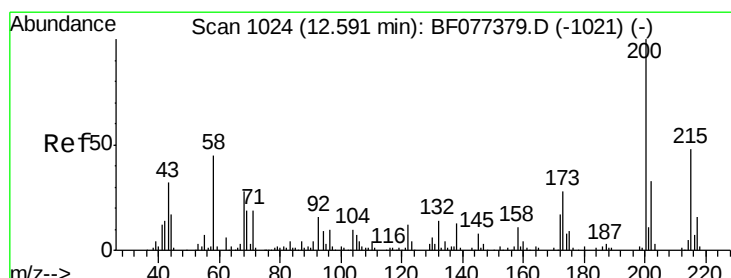
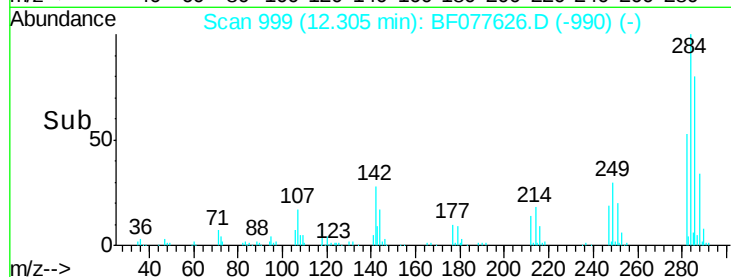
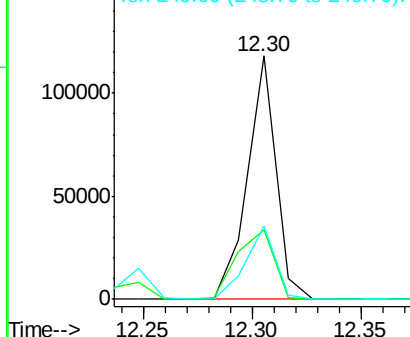
Tgt Ion:	284	Resp:	107622
Ion Ratio	Lower	Upper	
284	100		
142	28.4	31.6	47.4#
249	30.4	27.0	40.4

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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: 39.94 ng

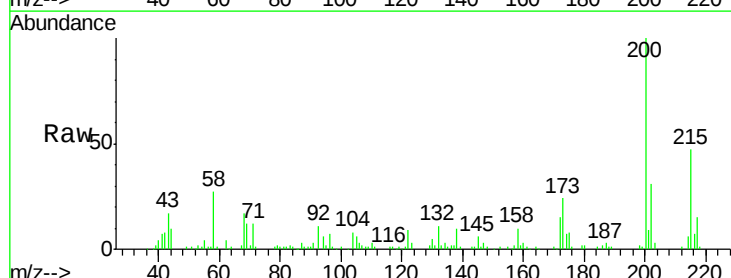
RT: 12.46 min Scan# 1013

Delta R.T. -0.00 min

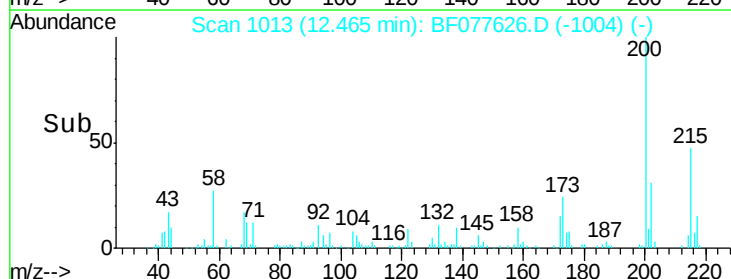
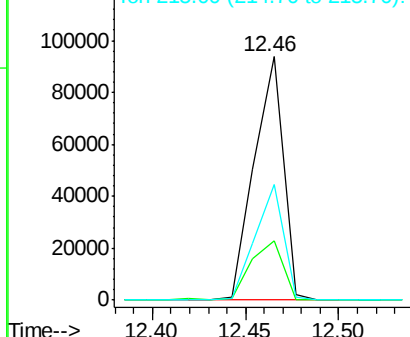
Lab File: BF077626.D

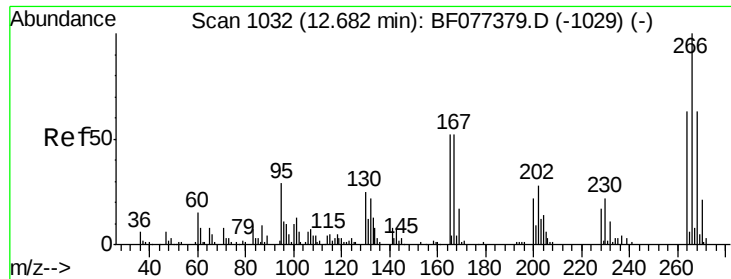
Acq: 6 Mar 2015 17:14

Tgt Ion:	200	Resp:	101141
Ion Ratio	Lower	Upper	
200	100		
173	24.3	9.6	49.6
215	47.3	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





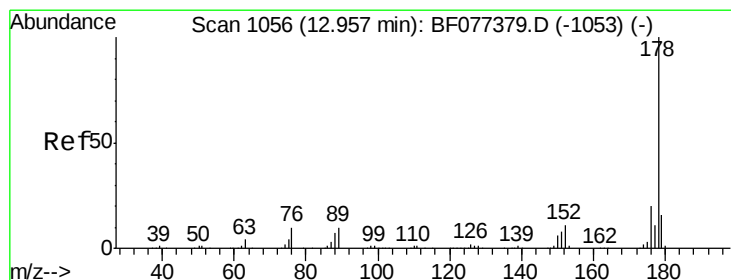
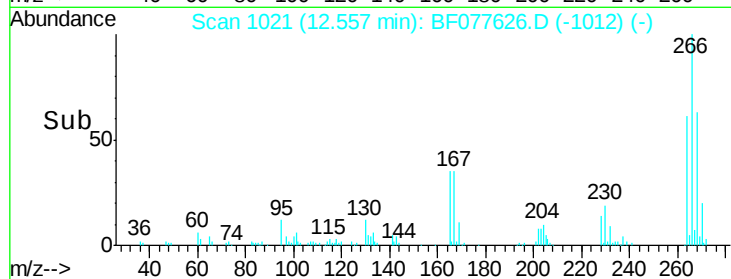
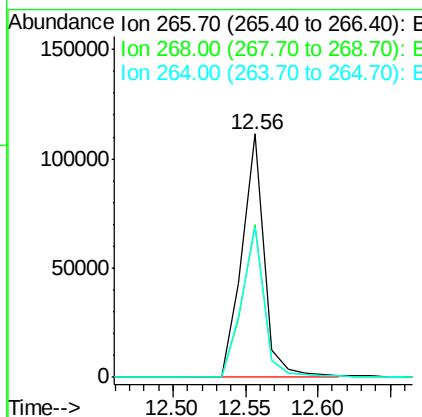
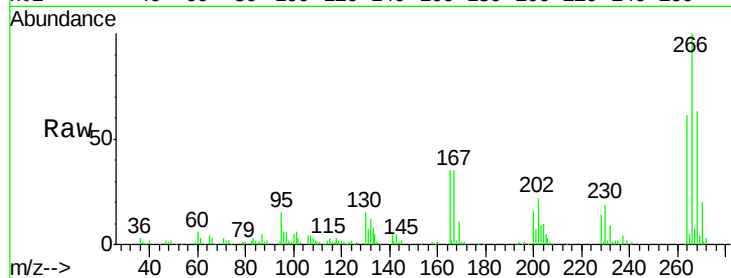
#69
 Pentachlorophenol
 Concen: 77.20 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	119716		
268	62.7	51.2	76.8	
264	61.5	50.7	76.1	

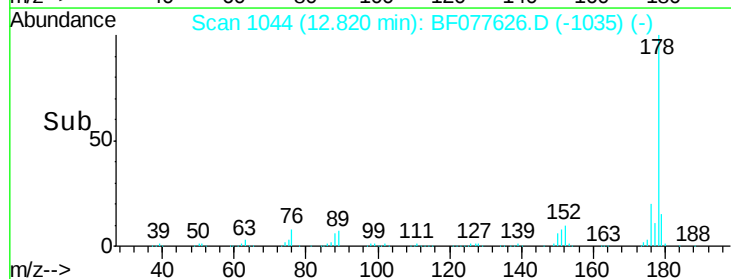
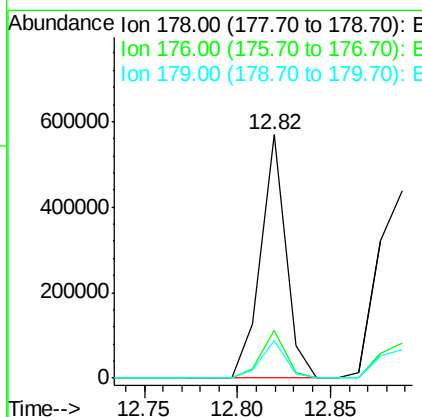
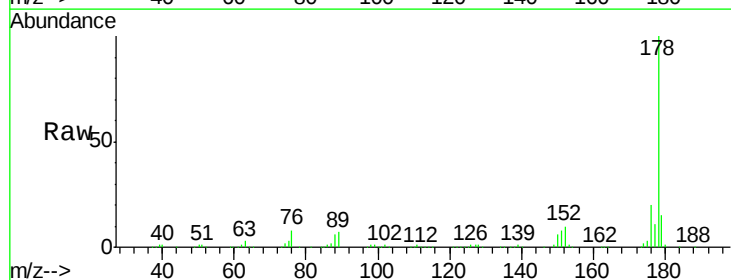
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 3/9/2015 3:25:00 PM



#70
 Phenanthrene
 Concen: 39.13 ng
 RT: 12.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	532337		
176	19.8	15.5	23.3	
179	15.4	12.2	18.2	





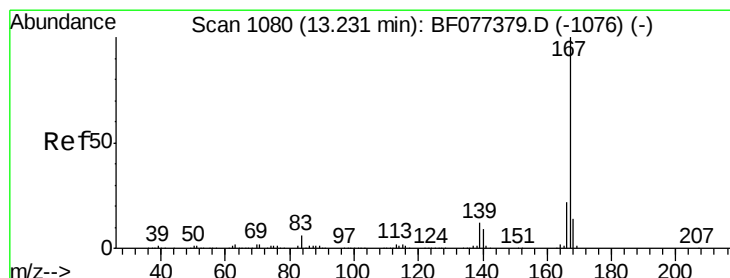
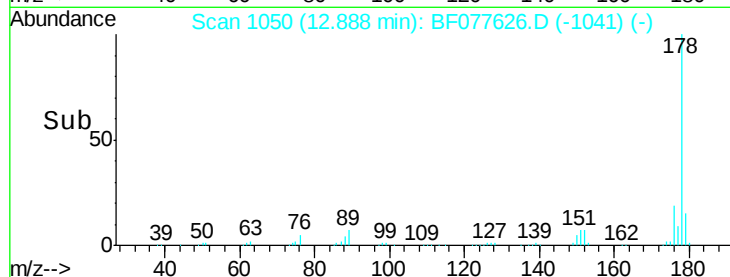
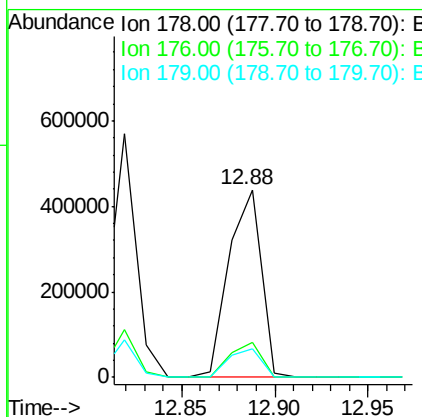
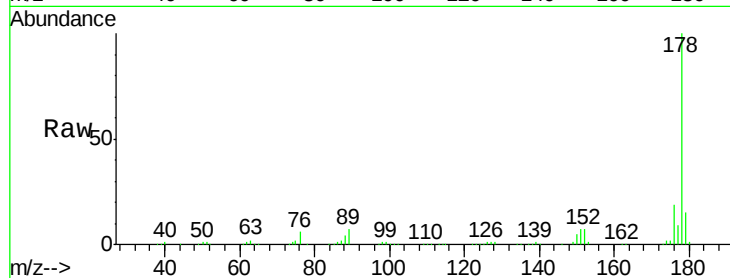
#71
 Anthracene
 Concen: 39.77 ng
 RT: 12.88 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.0	12.9	19.3

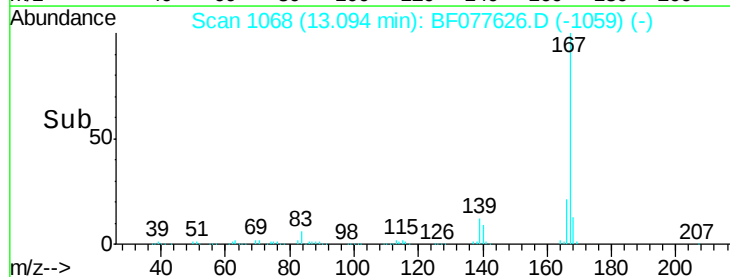
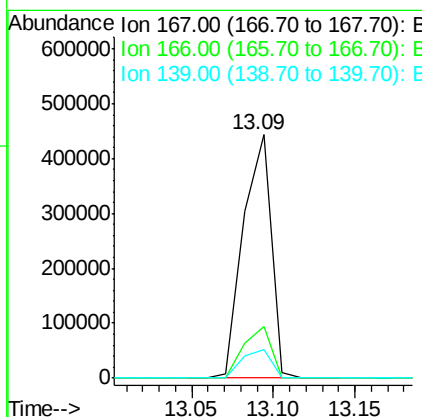
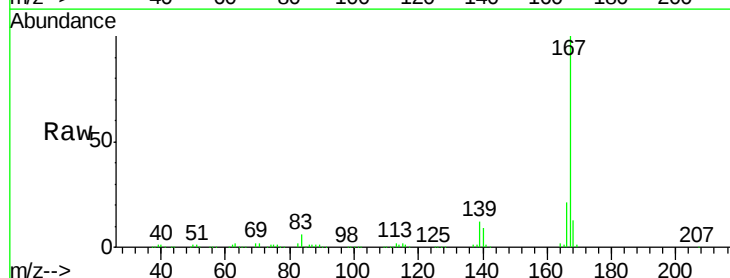
Manual Integrations
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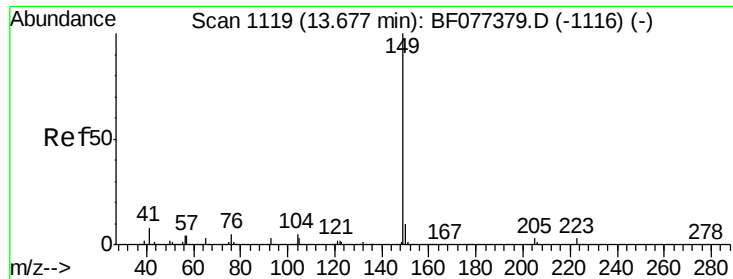
mohammad
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#72
 Carbazole
 Concen: 41.01 ng
 RT: 13.09 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	11.7	9.9	14.9





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 13.54 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

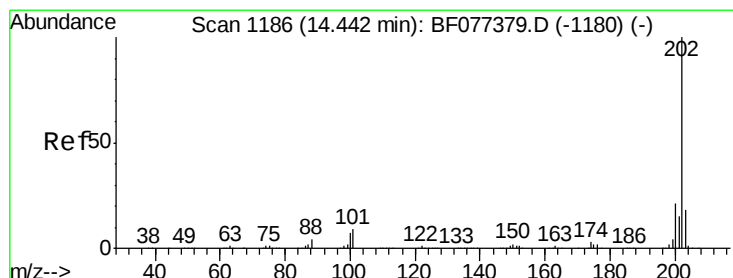
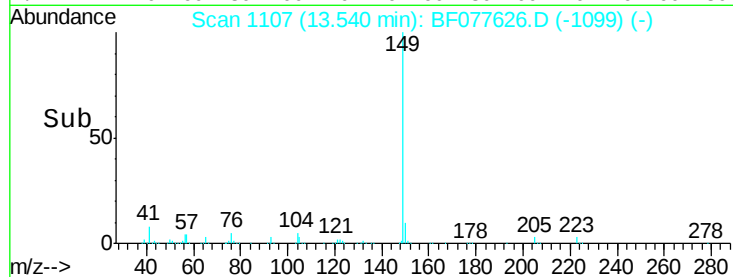
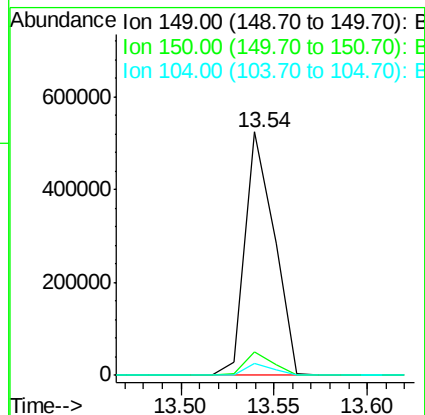
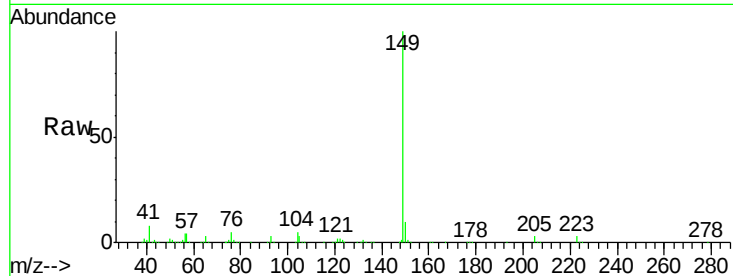
ClientSampleId :

PB81995BS

Tgt	Ion	149	Resp	576846
	Ratio	100	Lower	Upper
	149	100		
	150	9.6	7.8	11.8
	104	5.1	4.1	6.1

Manual Integrations
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#74

Fluoranthene

Concen: 39.46 ng

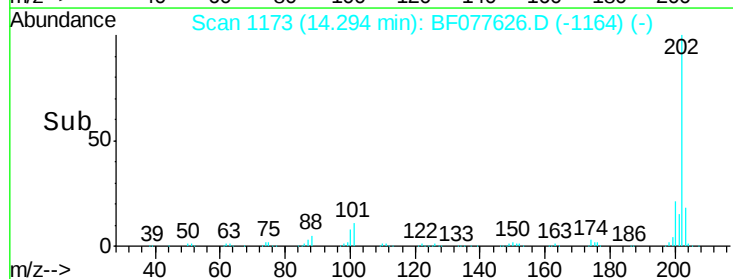
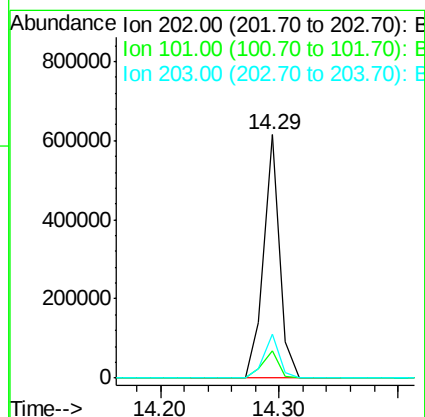
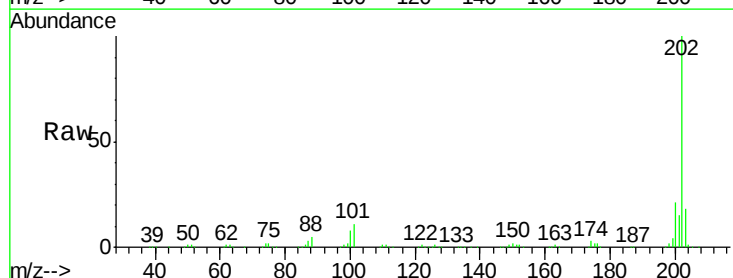
RT: 14.29 min Scan# 1173

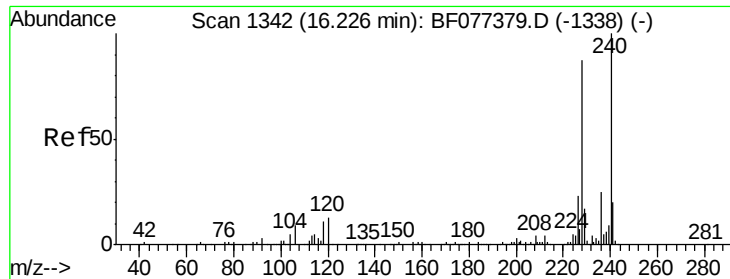
Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt	Ion	202	Resp	586428
	Ratio	100	Lower	Upper
	202	100		
	101	11.3	0.0	30.8
	203	17.9	0.0	37.7





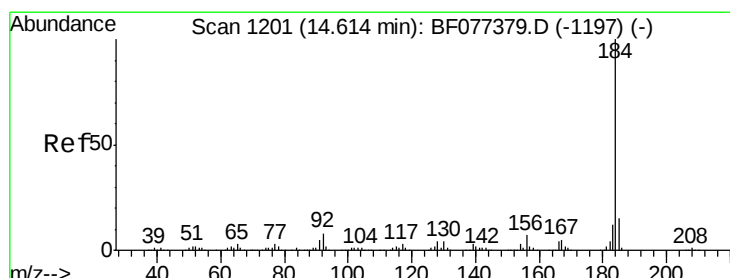
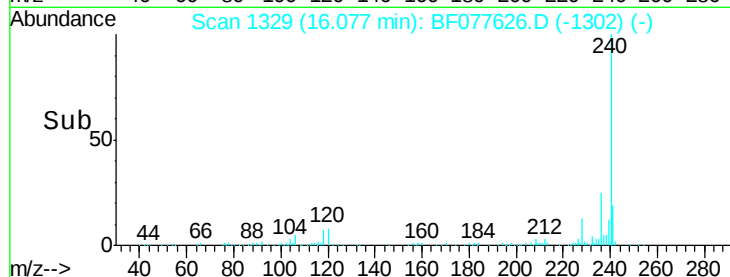
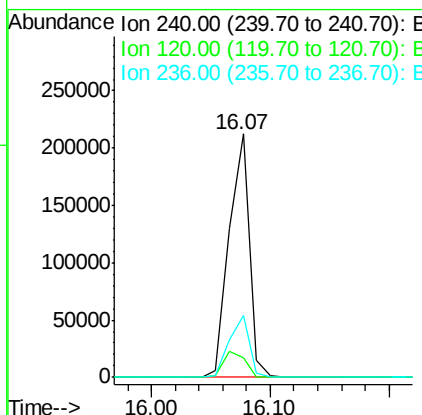
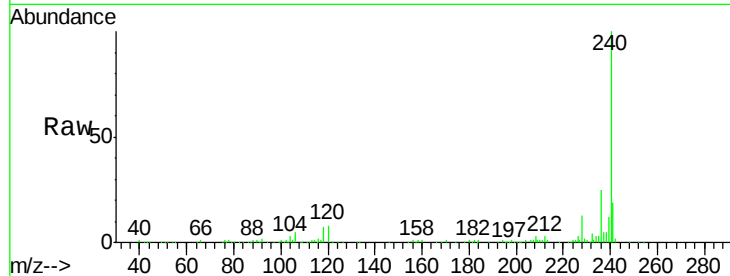
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	251527		
120	8.2	8.8	13.2#	
236	25.4	20.7	31.1	

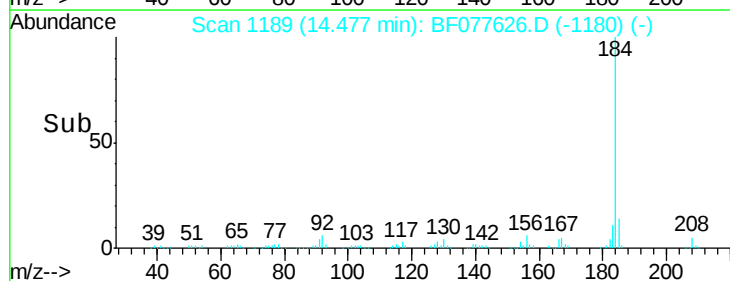
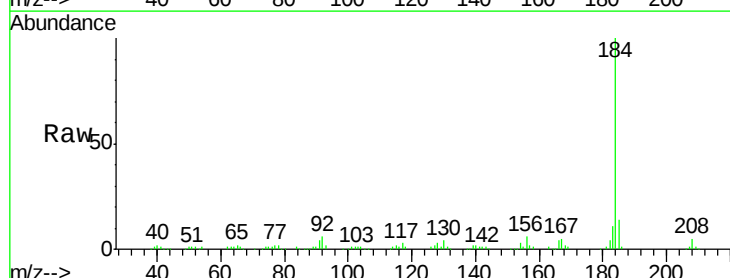
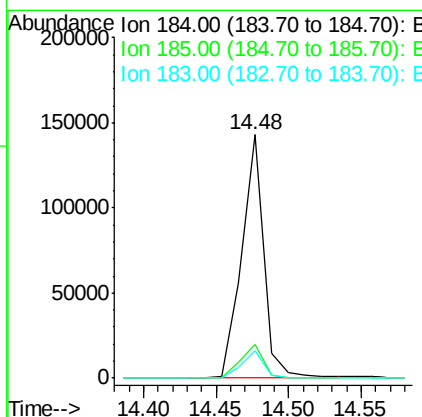
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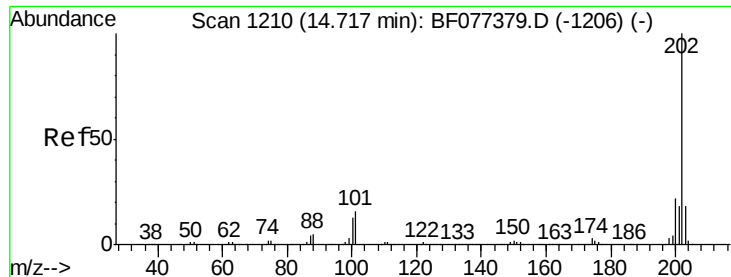
mohammad
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#76
Benzidine
Concen: 17.94 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	152473		
185	14.1	12.6	18.8	
183	11.1	9.3	13.9	





#77

Pyrene

Concen: 39.37 ng

RT: 14.57 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

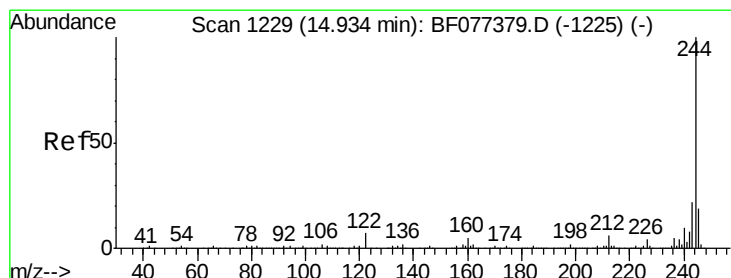
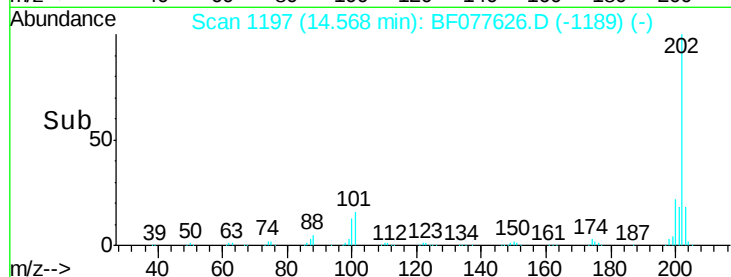
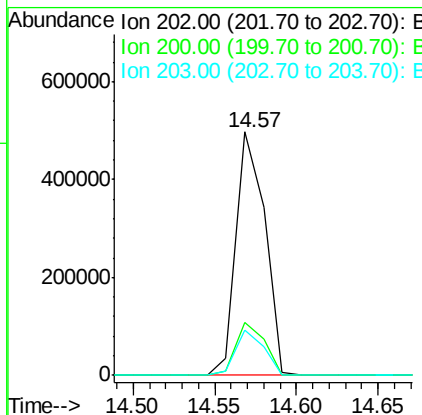
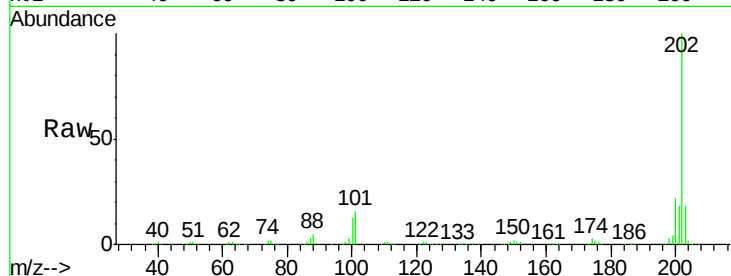
ClientSampleId :

PB81995BS

Tgt Ion:	202	Resp:	605672
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.1	25.7
203	18.4	14.2	21.2

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#78

Terphenyl-d14

Concen: 77.99 ng

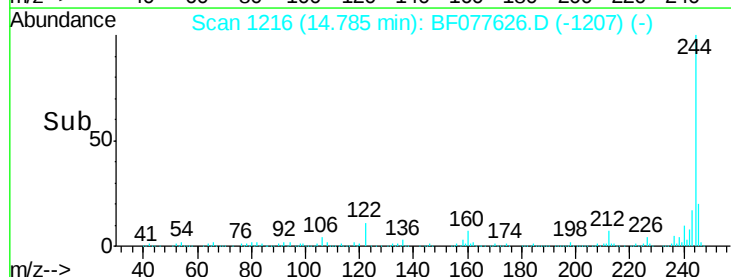
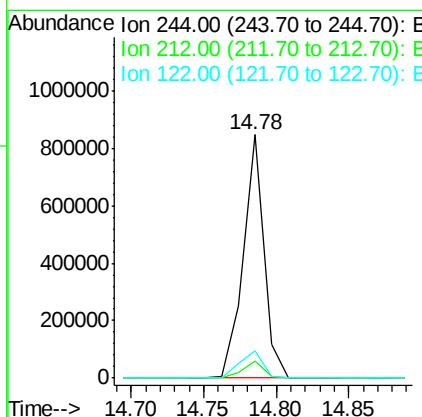
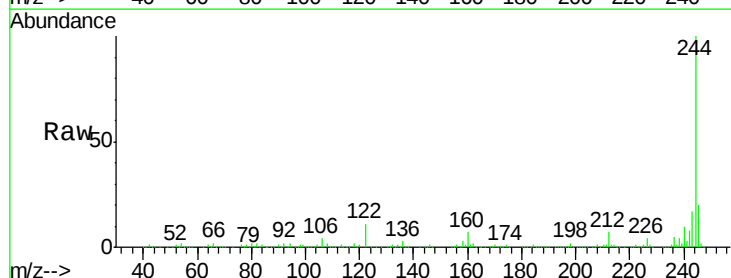
RT: 14.78 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	244	Resp:	839160
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.2	7.8
122	11.1	7.8	11.8





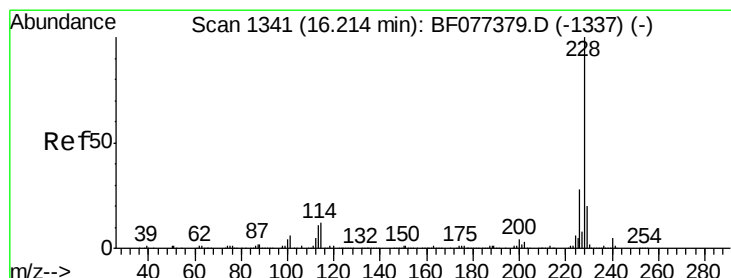
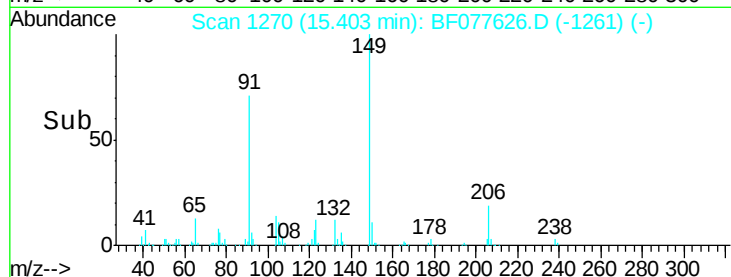
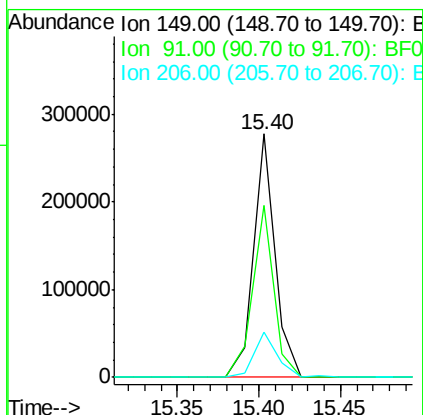
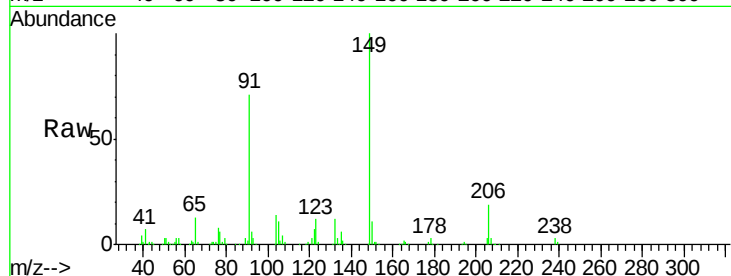
#79
Butylbenzylphthalate
Concen: 40.28 ng
RT: 15.40 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	254979		
91	70.8	51.2	76.8	
206	18.8	17.8	26.8	

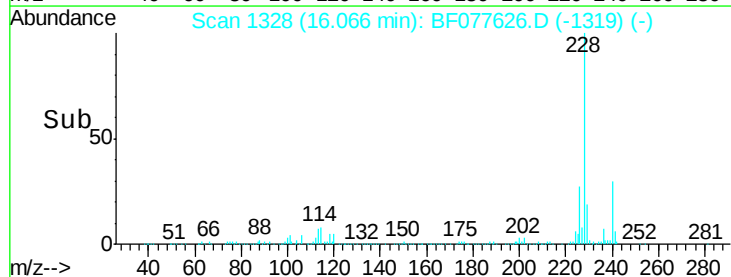
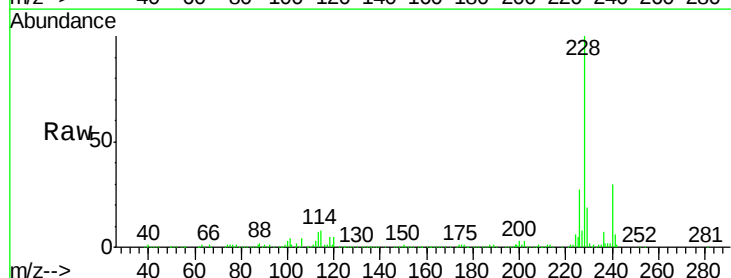
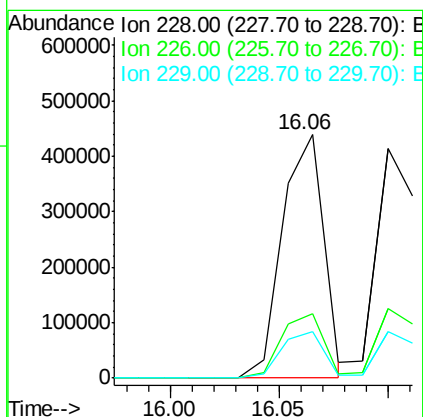
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#80
Benzo(a)anthracene
Concen: 39.65 ng
RT: 16.06 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	584485		
226	26.6	22.0	33.0	
229	19.1	15.8	23.8	





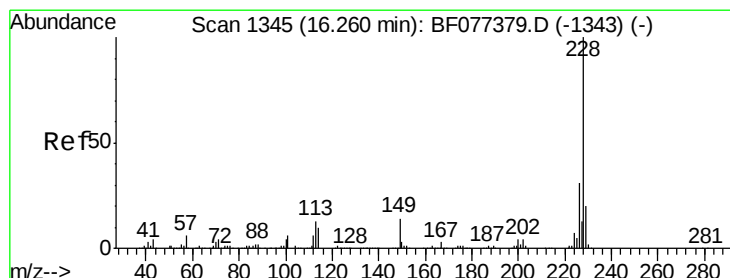
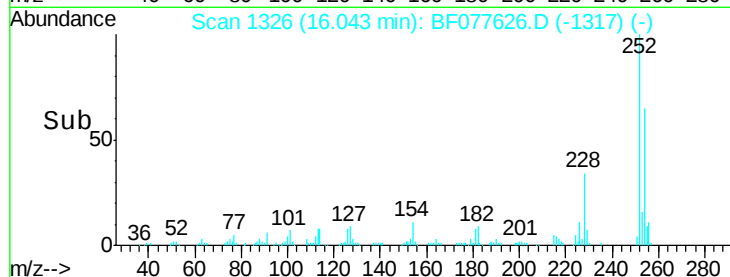
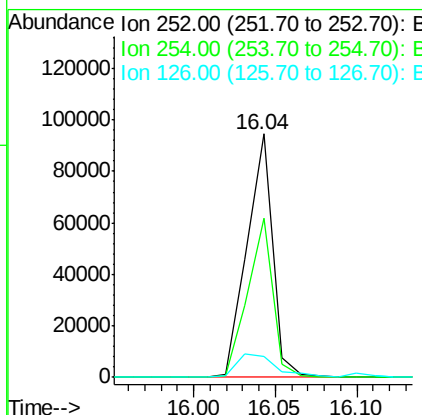
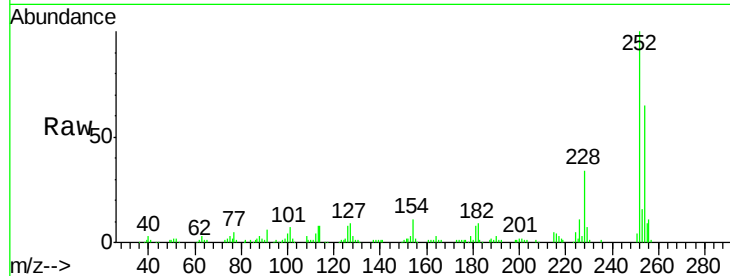
#81
 3,3'-Dichlorobenzidine
 Concen: 19.13 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.9	79.3
126	8.4	7.3	10.9

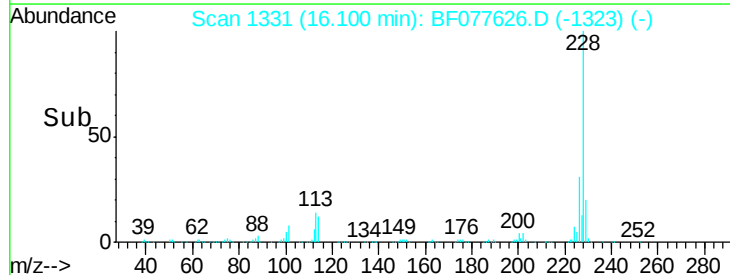
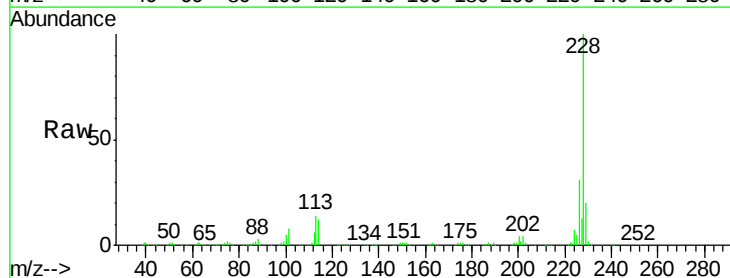
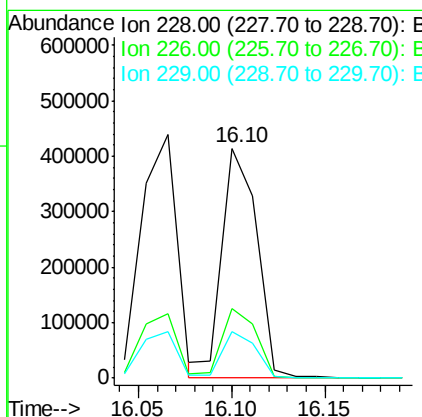
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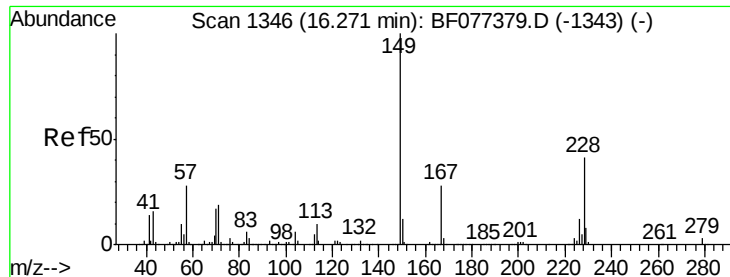
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#82
 Chrysene
 Concen: 39.03 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.0	16.4	24.6





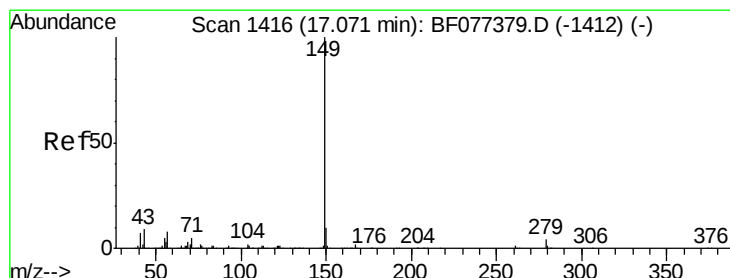
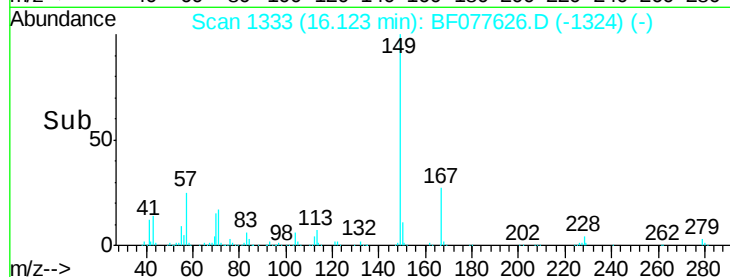
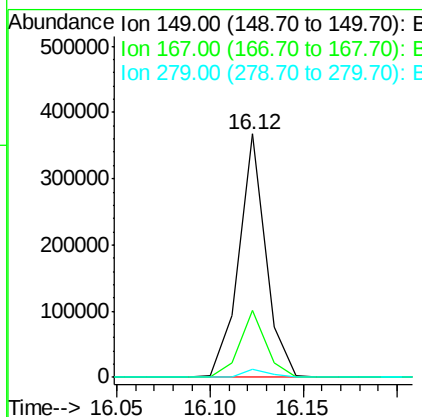
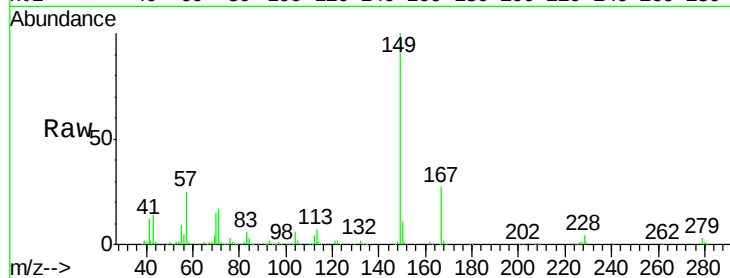
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.67 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	3.2	3.8	5.6

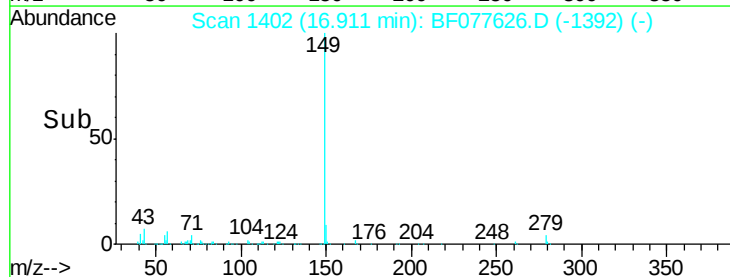
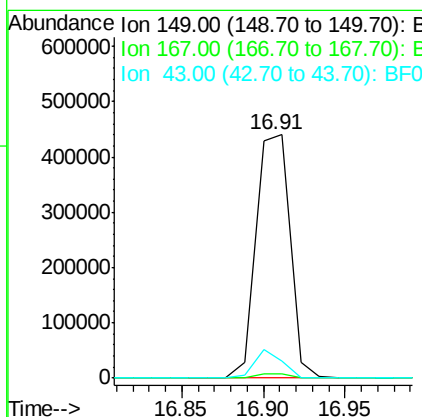
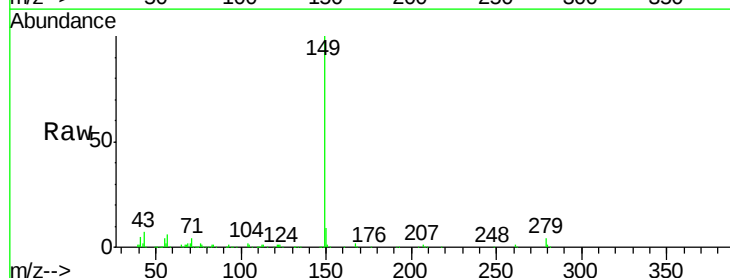
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#84
 Di-n-octyl phthalate
 Concen: 37.59 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	8.1	12.1





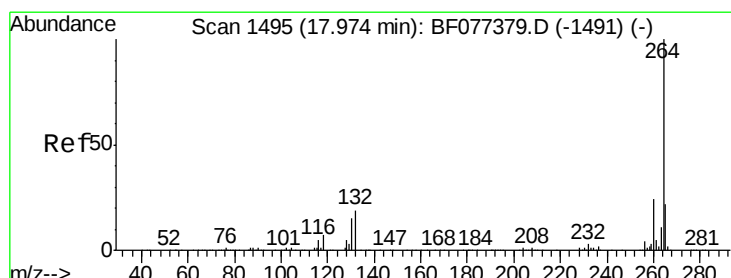
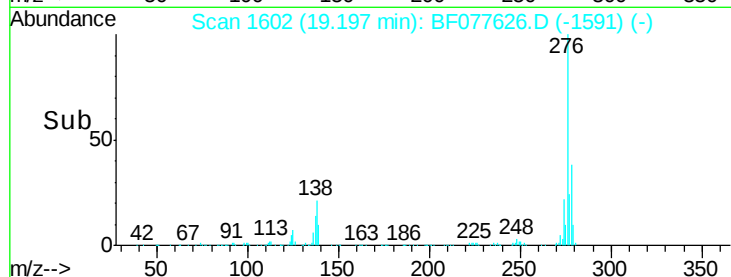
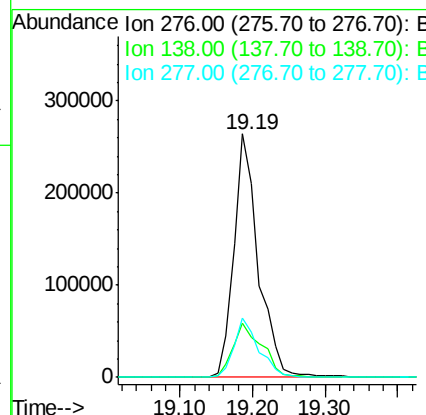
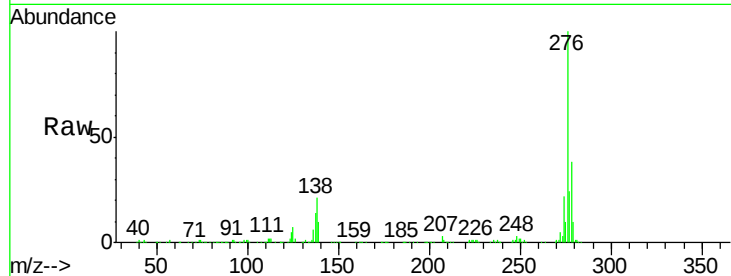
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.25 ng
RT: 19.19 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	24.9	20.0	30.0

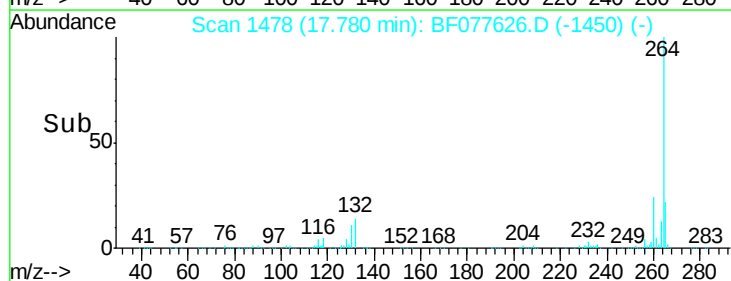
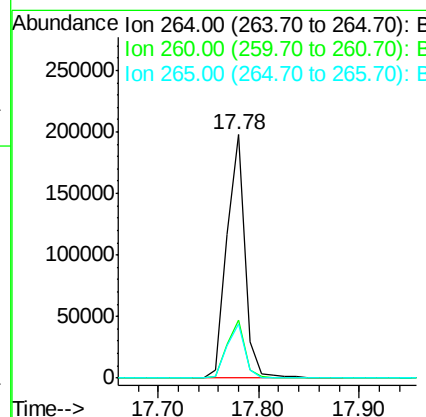
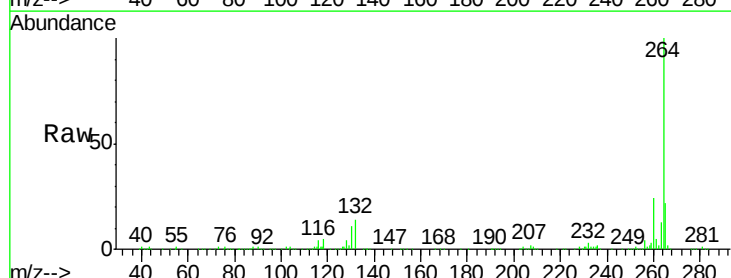
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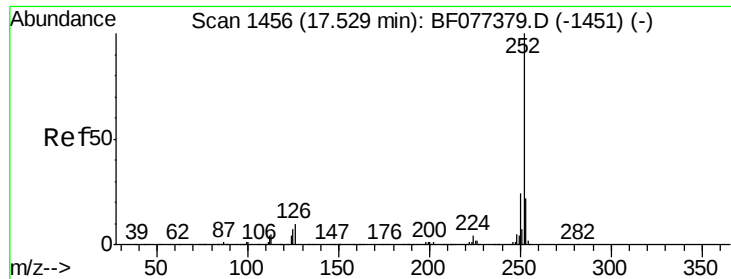
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. 0.02 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.0	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 40.08 ng

RT: 17.34 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

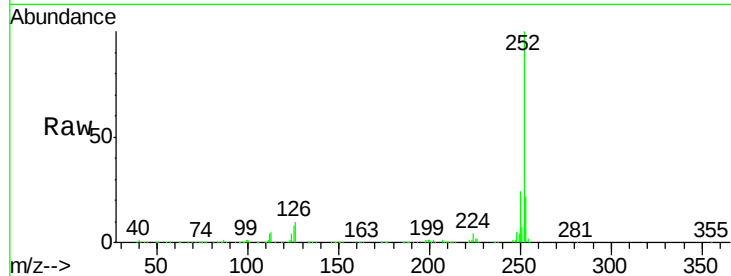
ClientSampleId :

PB81995BS

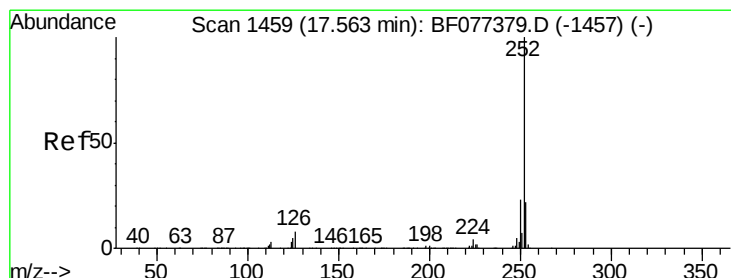
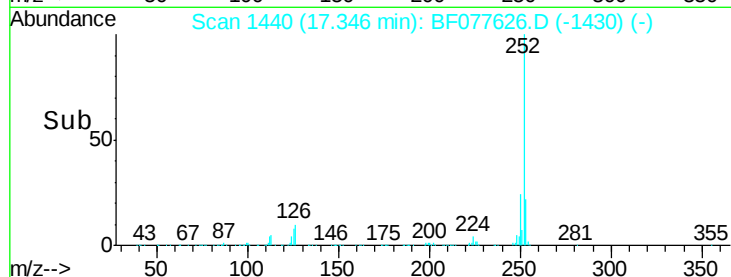
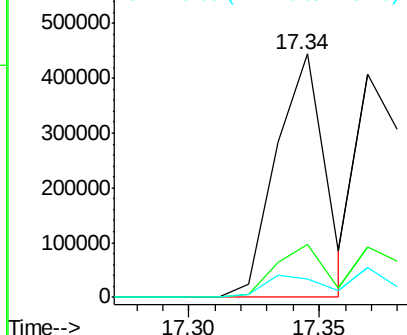
Tgt Ion:	252	Resp:	573625
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	7.5	5.4	8.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.00 ng m

RT: 17.37 min Scan# 1442

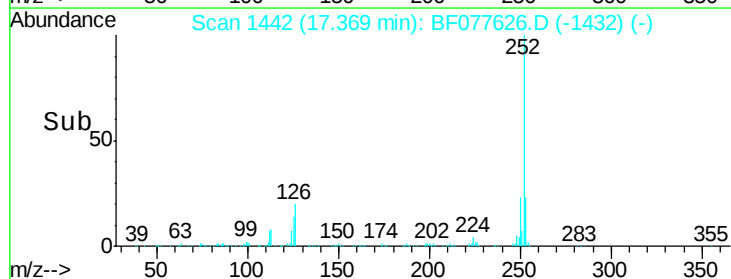
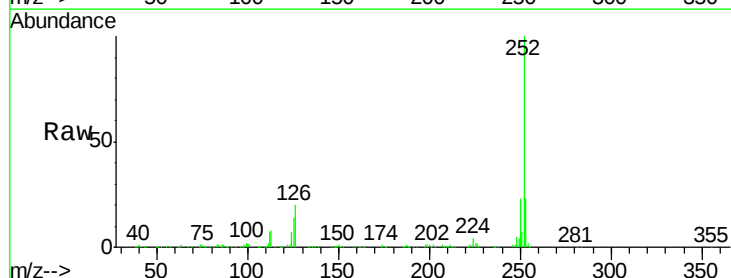
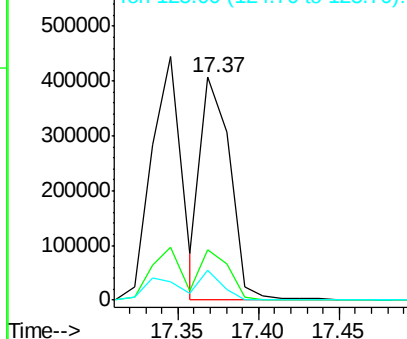
Delta R.T. 0.01 min

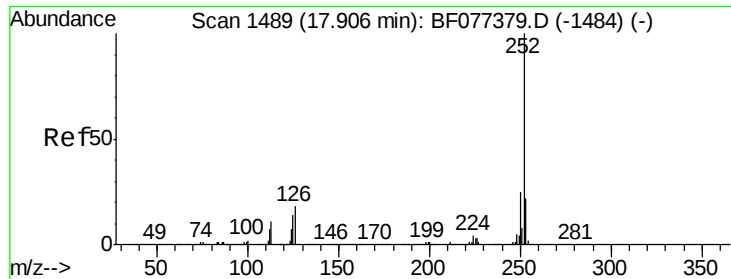
Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion:	252	Resp:	519050
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.5	10.1	15.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





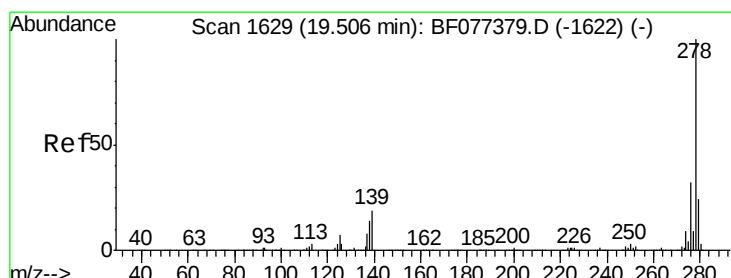
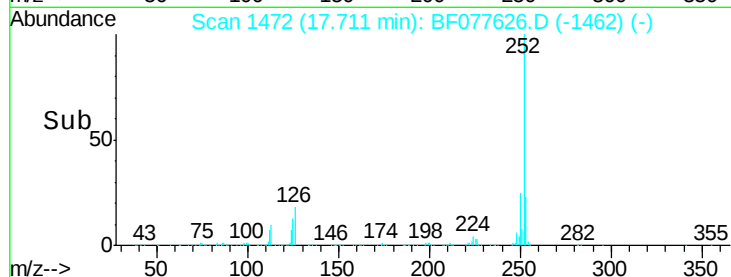
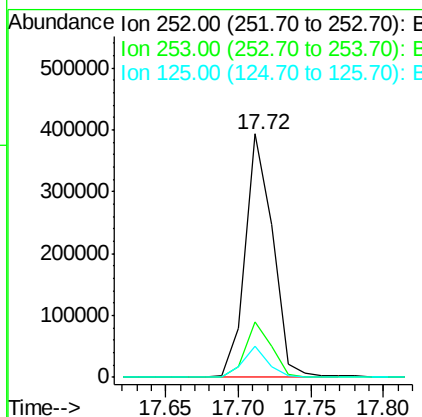
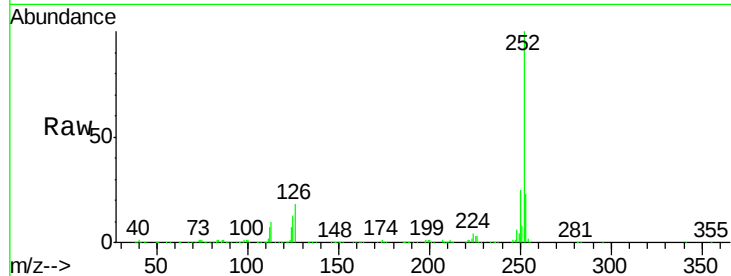
#89
Benzo(a)pyrene
Concen: 38.02 ng
RT: 17.72 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.0	8.3	12.5#

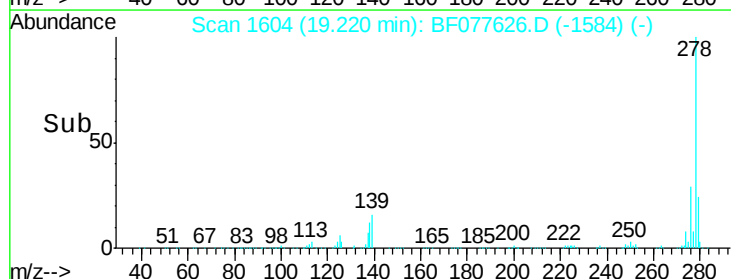
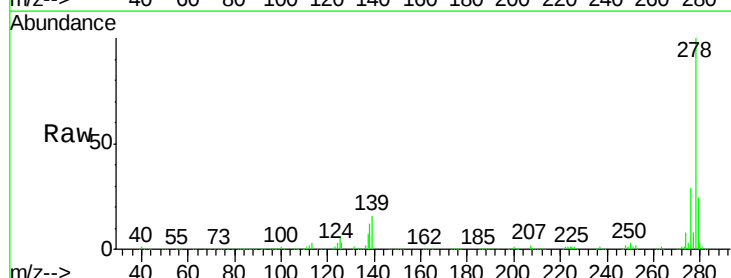
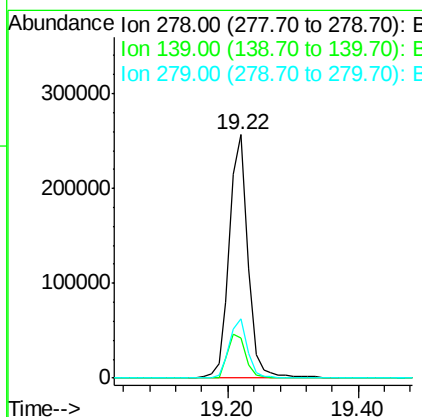
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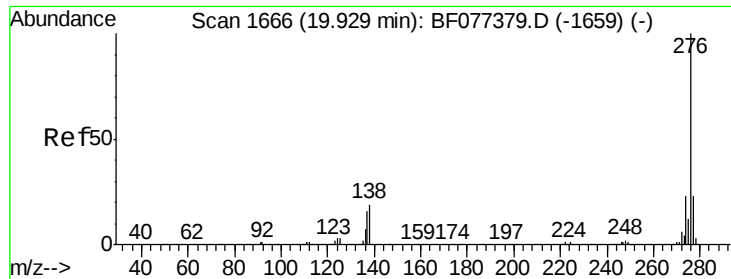
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#90
Dibenzo(a,h)anthracene
Concen: 39.20 ng
RT: 19.22 min Scan# 1604
Delta R.T. 0.02 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.3	21.5
279	24.3	19.0	28.6





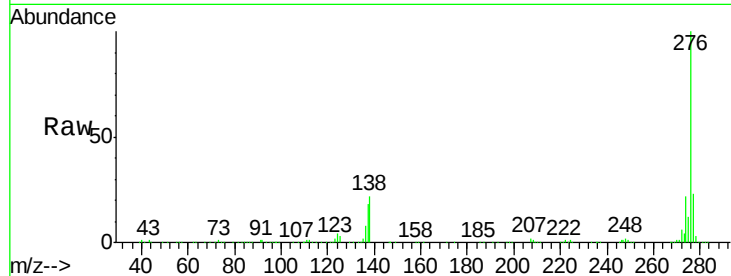
#91
 Benzo(g,h,i)perylene
 Concen: 39.92 ng
 RT: 19.61 min Scan# 1638
 Delta R.T. 0.02 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:	276	Resp:	523746
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	21.9	20.5	30.7

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

