

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078732.D
 Acq On : 22 Apr 2015 23:41
 Operator : TP/IZ
 Sample : PB82930BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Manual Integrations
 APPROVED

apatel
 4/23/2015 2:14:47 PM

Quant Time: Apr 23 01:41:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23353	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	97380	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	49642	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	101708	20.00	ng	0.00
75) Chrysene-d12	17.74	240	112286	20.00	ng	0.00
86) Perylene-d12	19.42	264	113304	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	168406	118.90	ng	0.00
7) Phenol-d6	5.29	99	216725	122.09	ng	0.00
23) Nitrobenzene-d5	6.73	82	125294	77.99	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	56917	138.24	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	279111	80.37	ng	0.00
78) Terphenyl-d14	16.40	244	348849	70.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.37	88	18962	29.61	ng	# 23
3) Pyridine	1.86	79	55934	33.34	ng	97
4) n-Nitrosodimethylamine	1.82	42	26992	41.80	ng	88
6) Aniline	5.27	93	51579	20.49	ng	# 89
8) 2-Chlorophenol	5.45	128	64136	38.30	ng	97
9) Benzaldehyde	5.10	77	6826	5.80	ng	97
10) Phenol	5.31	94	79690	37.47	ng	99
11) bis(2-Chloroethyl)ether	5.42	93	56249	36.78	ng	95
12) 1,3-Dichlorobenzene	5.68	146	65471	35.59	ng	98
13) 1,4-Dichlorobenzene	5.82	146	67064	36.22	ng	97
14) 1,2-Dichlorobenzene	6.04	146	63977	36.85	ng	99
15) Benzyl Alcohol	6.07	79	51868	41.58	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.31	45	74931	36.73	ng	88
17) 2-Methylphenol	6.28	107	51880	39.90	ng	95
18) Hexachloroethane	6.59	117	23136	37.05	ng	# 81
19) n-Nitroso-di-n-propylamine	6.51	70	43779	37.38	ng	# 88
20) 3+4-Methylphenols	6.57	107	67486	38.90	ng	91
22) Acetophenone	6.49	105	87155	38.41	ng	# 95
24) Nitrobenzene	6.75	77	63351	37.72	ng	# 82
25) Isophorone	7.19	82	116069	38.07	ng	95
26) 2-Nitrophenol	7.31	139	31823	39.76	ng	97
27) 2,4-Dimethylphenol	7.47	122	57916	38.92	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	72679	37.17	ng	99
29) 2,4-Dichlorophenol	7.75	162	54134	39.98	ng	92
30) 1,2,4-Trichlorobenzene	7.87	180	56013	36.08	ng	99
31) Naphthalene	7.99	128	184330	36.37	ng	99
32) Benzoic acid	7.70	122	32447	46.56	ng	95
33) 4-Chloroaniline	8.15	127	44655	21.23	ng	96
34) Hexachlorobutadiene	8.24	225	31714	37.21	ng	99
35) Caprolactam	8.76	113	16698	41.32	ng	98
36) 4-Chloro-3-methylphenol	9.11	107	57525	42.11	ng	88
37) 2-Methylnaphthalene	9.24	142	131688	38.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	55249	35.92	ng	97
40) Hexachlorocyclopentadiene	9.54	237	40613	62.92	ng	96

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Manual Integrations
 APPROVED

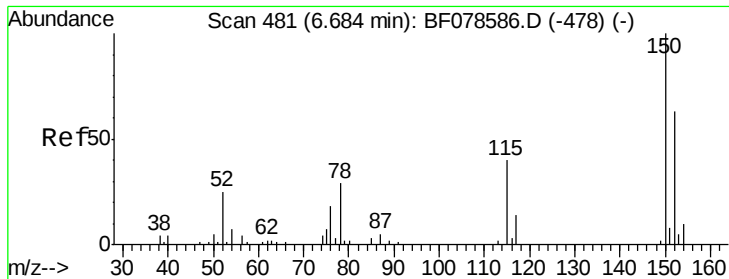
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.80	196	38583	39.77	nq	100
43) 2,4,5-Trichlorophenol	9.88	196	41314	40.77	nq	# 91
45) 1,1'-Biphenyl	10.12	154	154490	38.05	nq	98
46) 2-Chloronaphthalene	10.12	162	122014	38.19	nq	98
47) 2-Nitroaniline	10.36	65	34104	43.14	nq	86
48) Acenaphthylene	10.87	152	199734	38.72	nq	100
49) Dimethylphthalate	10.78	163	150116	40.25	nq	96
50) 2,6-Dinitrotoluene	10.86	165	31539	41.10	nq	# 38
51) Acenaphthene	11.19	154	114263	39.34	nq	98
52) 3-Nitroaniline	11.14	138	25681	29.43	nq	98
53) 2,4-Dinitrophenol	11.37	184	21019	73.46	nq	94
54) Dibenzofuran	11.52	168	183986	41.47	nq	99
55) 4-Nitrophenol	11.58	139	41178	64.65	nq	86
56) 2,4-Dinitrotoluene	11.60	165	45244	45.53	nq	# 87
57) Fluorene	12.15	166	148795	41.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	30270	40.29	nq	98
59) Diethylphthalate	12.09	149	148641	41.33	nq	96
60) 4-Chlorophenyl-phenylether	12.22	204	67587	40.86	nq	# 89
61) 4-Nitroaniline	12.26	138	32933	37.34	nq	92
62) Azobenzene	12.50	77	140898	42.93	nq	93
64) 4,6-Dinitro-2-methylphenol	12.34	198	18007	37.87	nq	79
65) n-Nitrosodiphenylamine	12.46	169	129853	36.91	nq	98
66) 4-Bromophenyl-phenylether	13.11	248	42335	39.30	nq	96
67) Hexachlorobenzene	13.14	284	43651	36.98	nq	# 86
68) Atrazine	13.52	200	49739	48.81	nq	96
69) Pentachlorophenol	13.57	266	32553	63.92	nq	99
70) Phenanthrene	13.91	178	222307	37.79	nq	99
71) Anthracene	14.00	178	228270	39.37	nq	99
72) Carbazole	14.33	167	218405	40.20	nq	99
73) Di-n-butylphthalate	15.03	149	256038	41.60	nq	99
74) Fluoranthene	15.81	202	254469	41.01	nq	92
76) Benzidine	16.06	184	101163	23.40	nq	99
77) Pyrene	16.11	202	270799	38.42	nq	98
79) Butylbenzylphthalate	17.11	149	119904	44.63	nq	# 78
80) Benzo(a)anthracene	17.73	228	255602	38.26	nq	99
81) 3,3'-Dichlorobenzidine	17.74	252	63597	28.42	nq	# 98
82) Chrysene	17.77	228	243293	38.76	nq	99
83) Bis(2-ethylhexyl)phthalate	17.86	149	173246	41.12	nq	# 94
84) Di-n-octyl phthalate	18.65	149	315788	45.64	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.56	276	282963	39.73	nq	# 88
87) Benzo(b)fluoranthene	19.01	252	258179	36.87	nq	99
88) Benzo(k)fluoranthene	19.04	252	254652m	40.92	nq	
89) Benzo(a)pyrene	19.36	252	245568	40.18	nq	# 97
90) Dibenzo(a,h)anthracene	20.58	278	229965	37.58	nq	100
91) Benzo(g,h,i)perylene	20.87	276	232256	37.86	nq	99

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



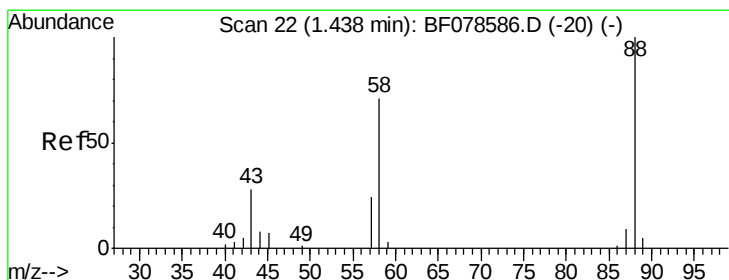
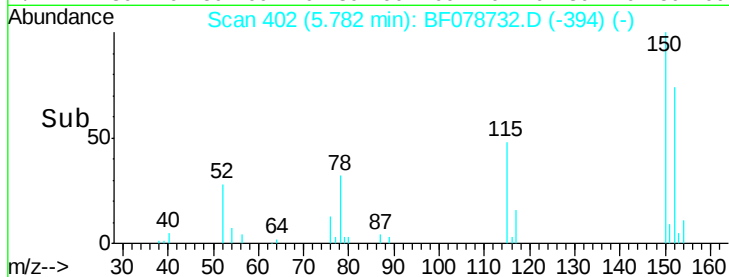
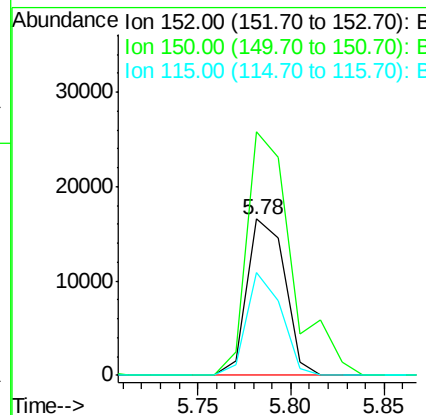
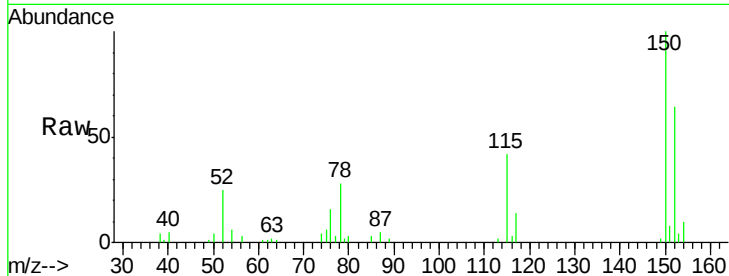
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	65.6	52.7	79.1

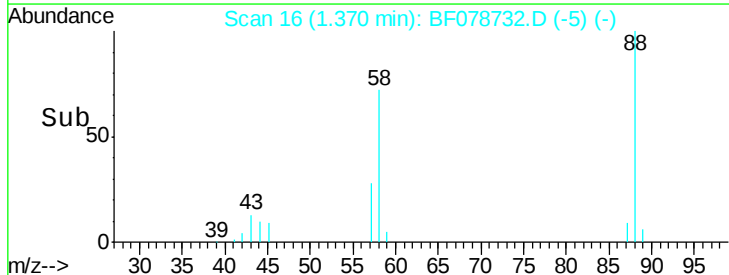
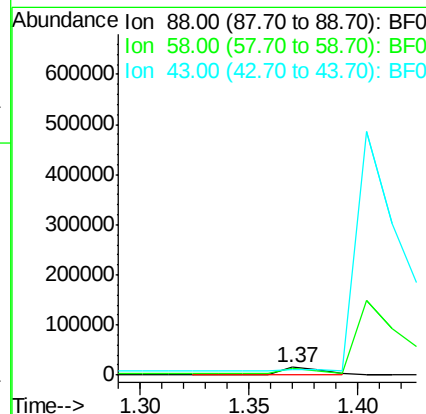
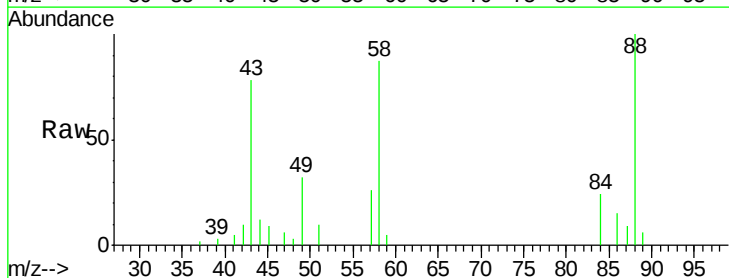
Manual Integrations
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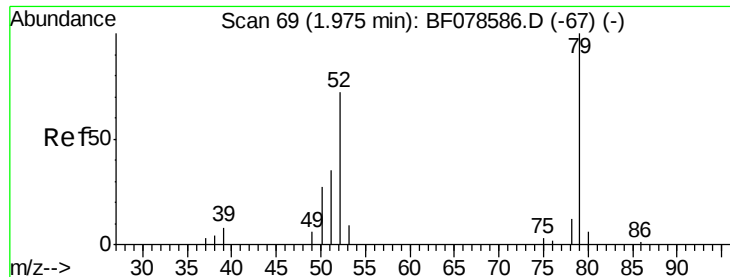
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#2
 1,4-Dioxane
 Concen: 29.61 ng
 RT: 1.37 min Scan# 16
 Delta R.T. 0.02 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pvridine

Concen: 33.34 ng

RT: 1.86 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

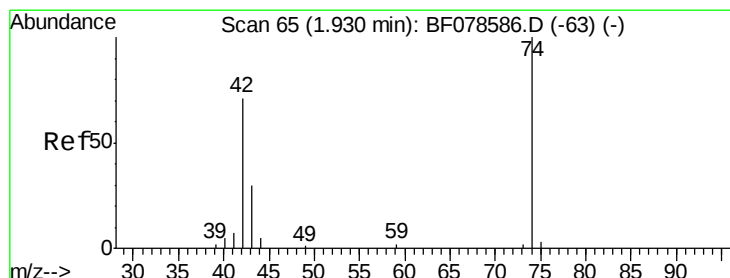
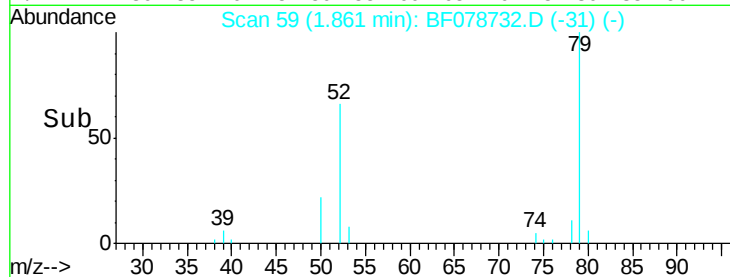
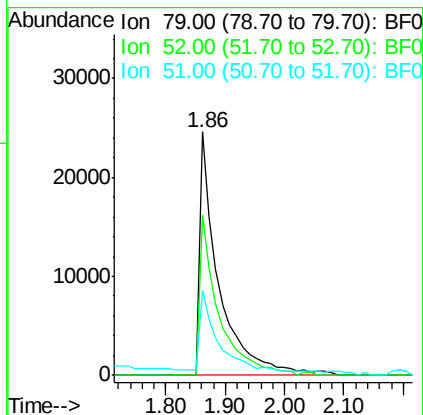
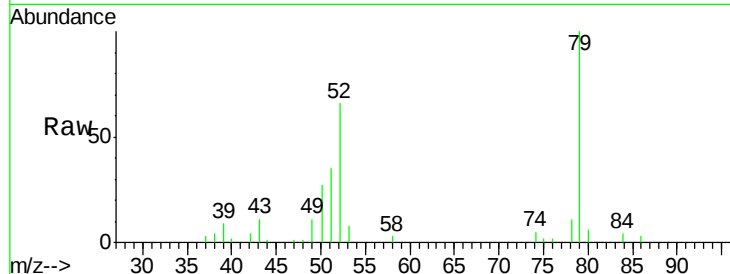
ClientSampleId :

PB82930BSD

Tot Ion:	79	Resp:	55934
Ion	Ratio	Lower	Upper
79	100		
52	65.9	52.4	78.6
51	34.9	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 41.80 ng

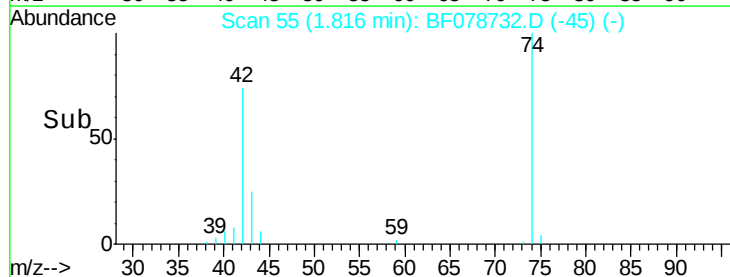
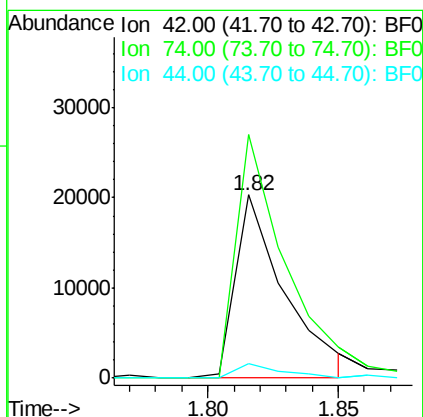
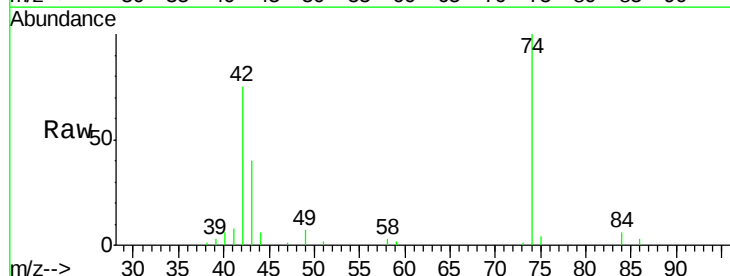
RT: 1.82 min Scan# 55

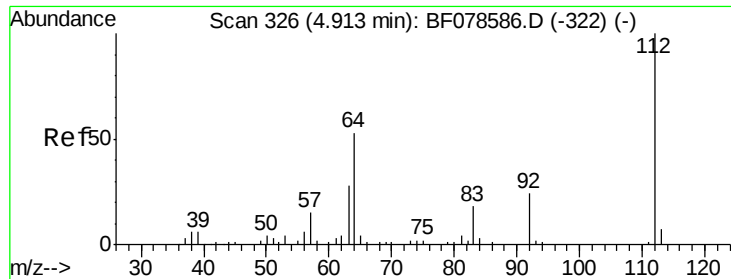
Delta R.T. 0.01 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion:	42	Resp:	26992
Ion	Ratio	Lower	Upper
42	100		
74	133.0	118.7	178.1
44	7.9	5.9	8.9





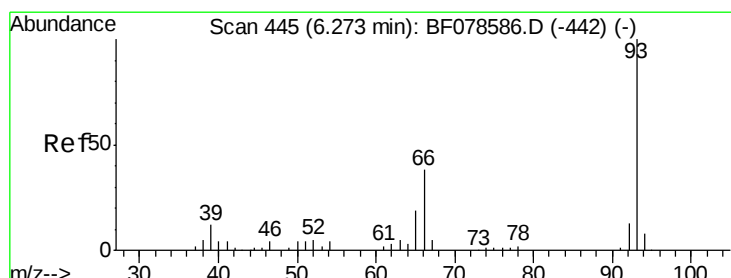
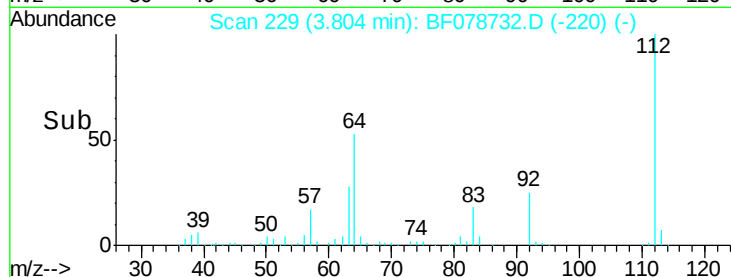
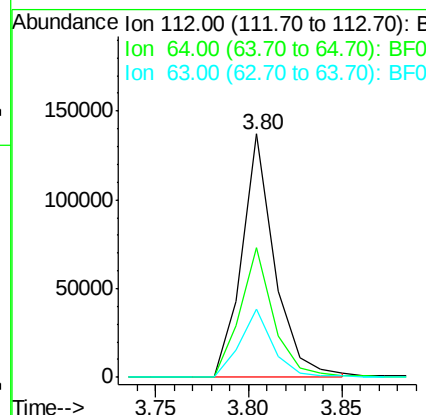
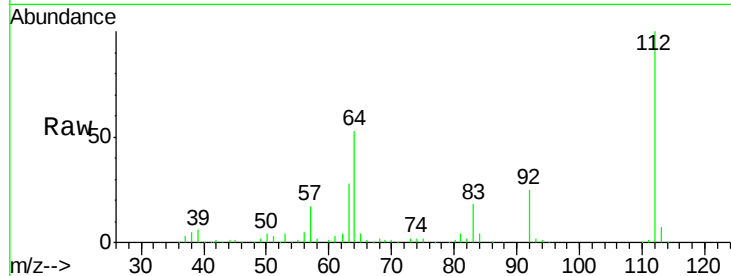
#5
2-Fluorophenol
Concen: 118.90 ng
RT: 3.80 min Scan# 229
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.3	39.9	59.9
63	28.0	20.2	30.4

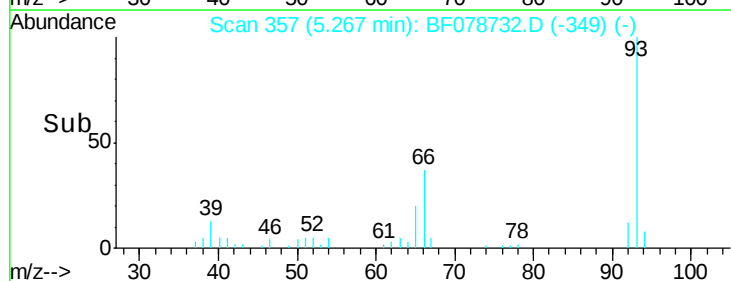
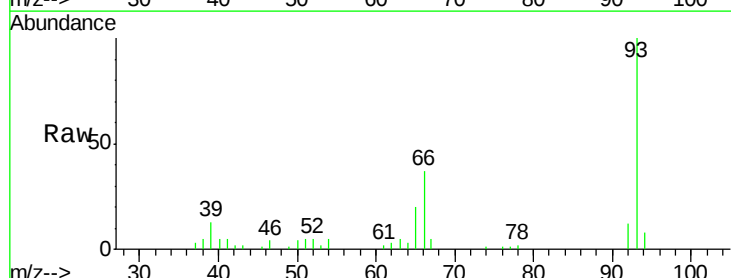
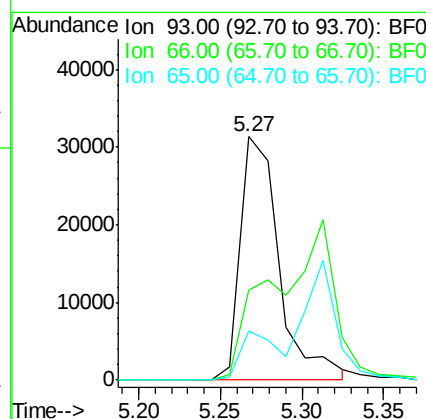
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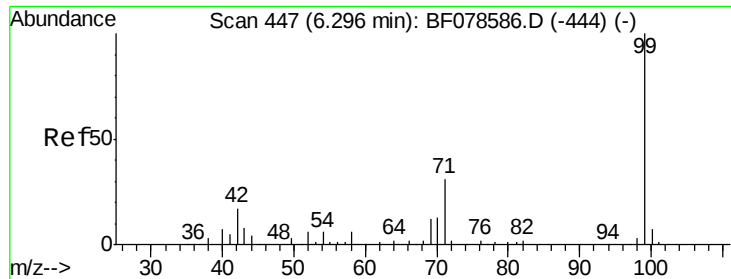
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#6
Aniline
Concen: 20.49 ng
RT: 5.27 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.9	38.0	57.0#
65	20.3	16.3	24.5





#7

Phenol-d6

Concen: 122.09 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

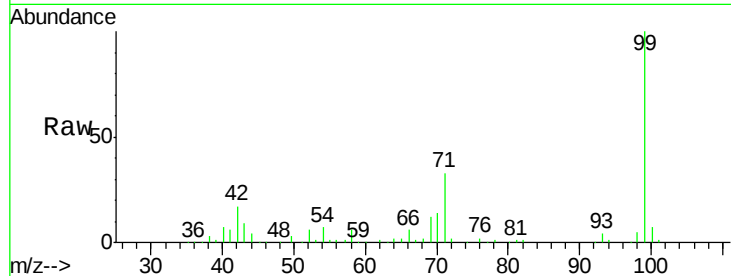
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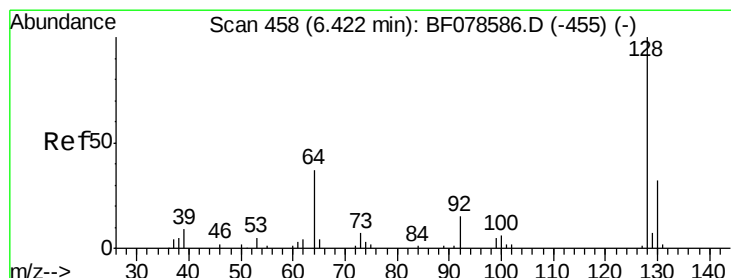
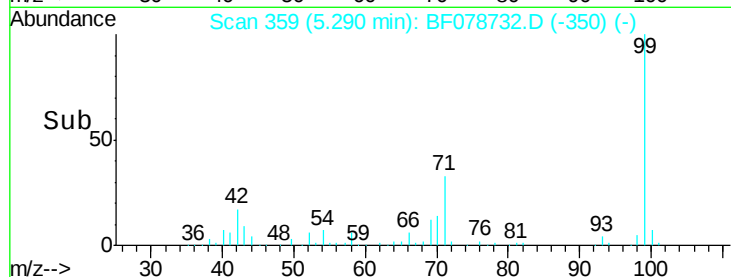
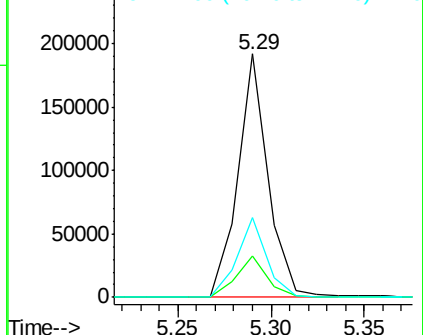
Tot Ion:	99	Resp:	216725
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.8	22.2
71	32.8	26.6	39.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.30 ng

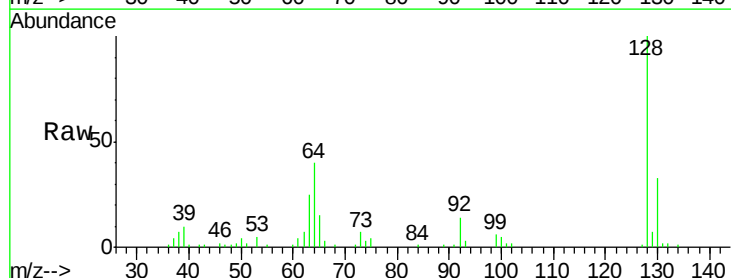
RT: 5.45 min Scan# 373

Delta R.T. 0.00 min

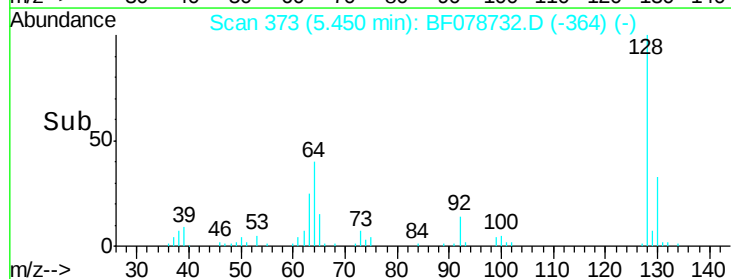
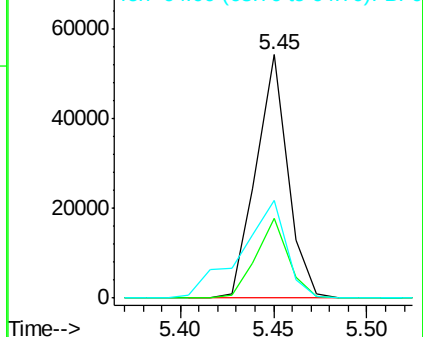
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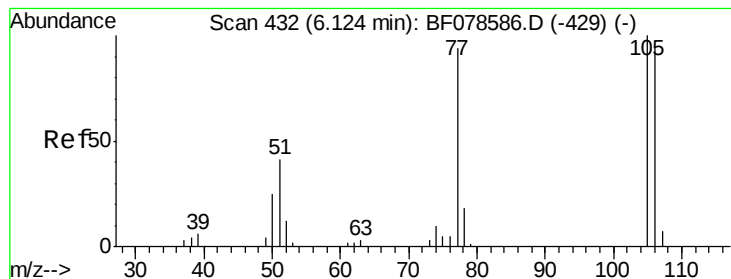
Acq: 22 Apr 2015 23:41

Tgt Ion:	128	Resp:	64136
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	40.3	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.80 ng

RT: 5.10 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

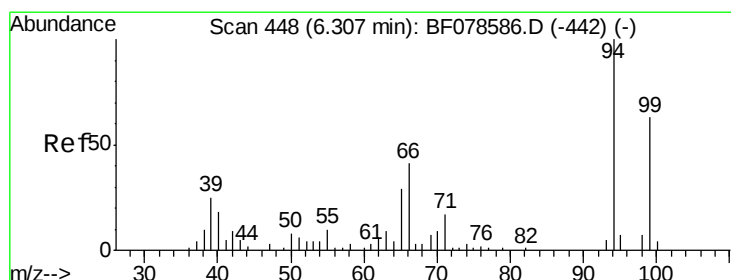
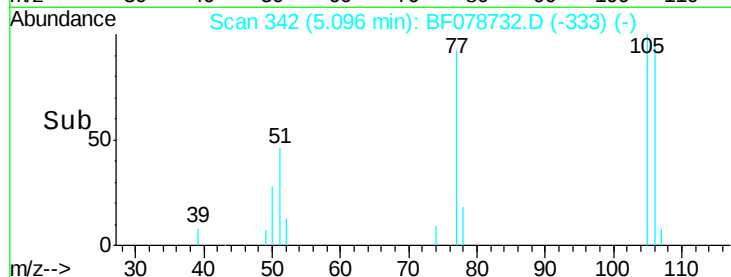
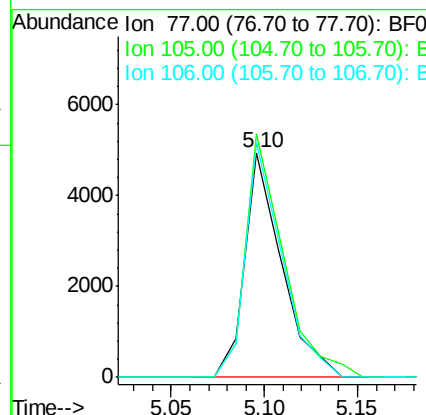
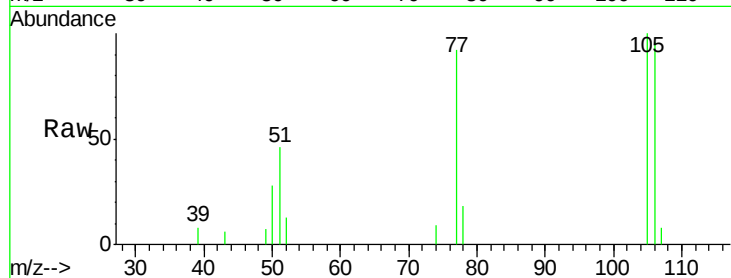
ClientSampleId :

PB82930BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.5	85.4	125.4
106	104.4	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 37.47 ng

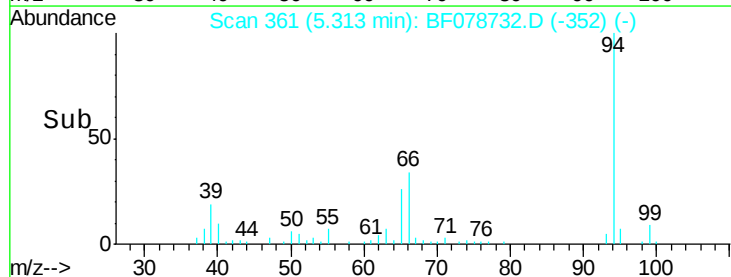
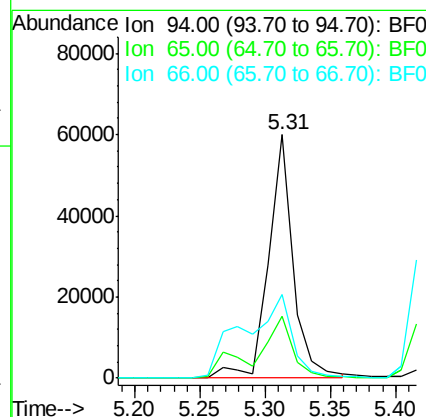
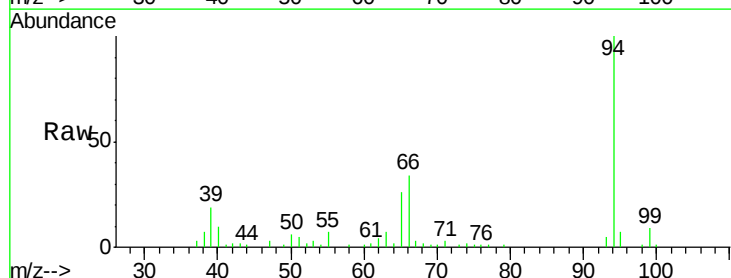
RT: 5.31 min Scan# 361

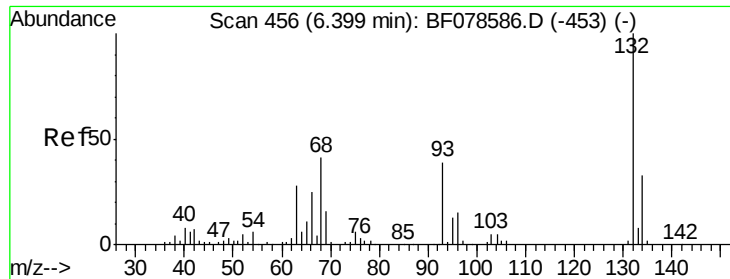
Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	4.9	44.9
66	34.4	13.8	53.8





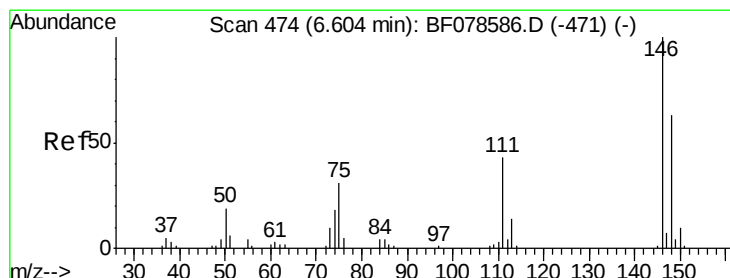
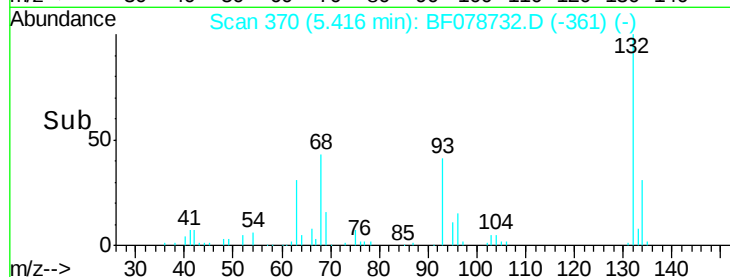
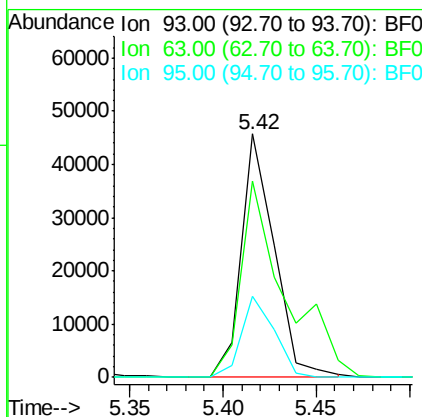
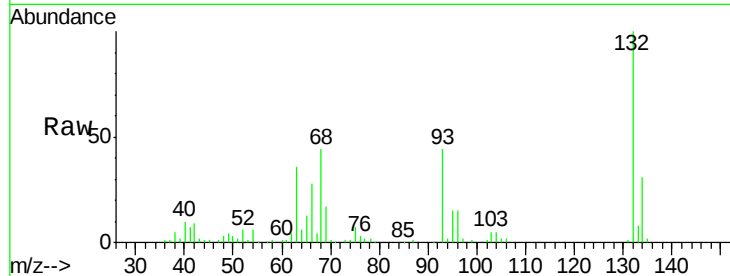
#11
bis(2-Chloroethyl)ether
Concen: 36.78 ng
RT: 5.42 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	56249		
63	80.8		54.6	94.6
95	33.2		13.6	53.6

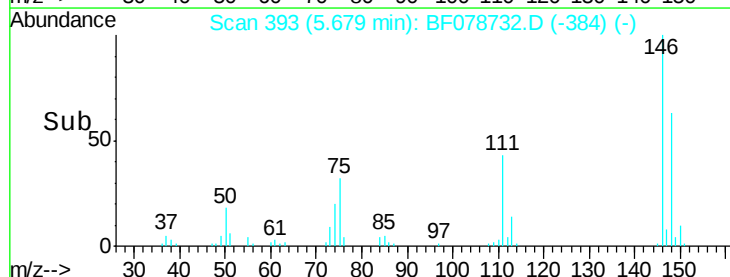
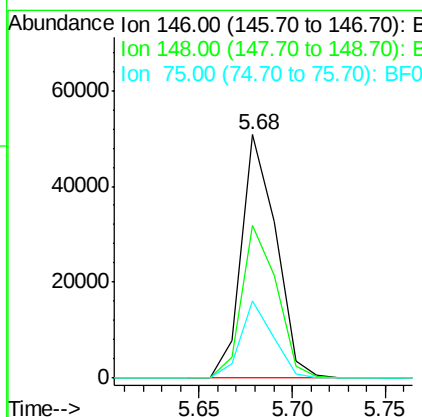
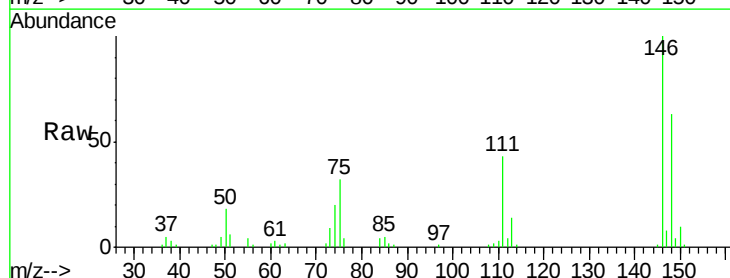
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#12
1,3-Dichlorobenzene
Concen: 35.59 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	65471		
148	62.6		49.1	73.7
75	31.5		26.6	40.0





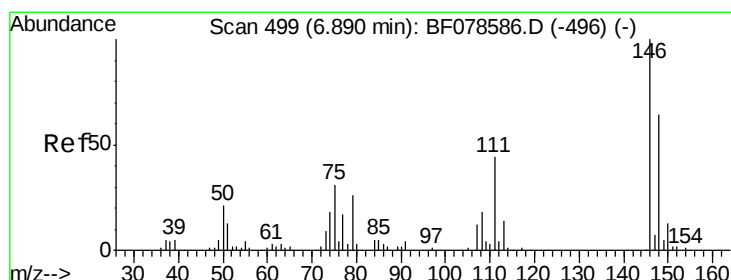
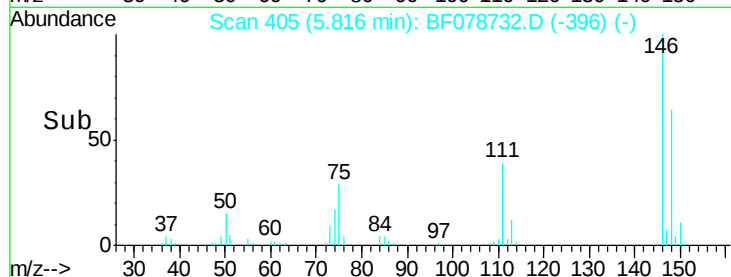
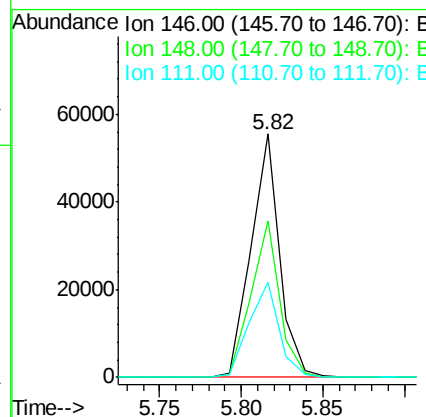
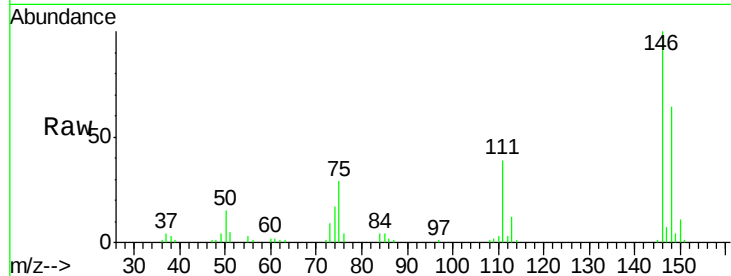
#13
 1,4-Dichlorobenzene
 Concen: 36.22 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	39.0	35.0	52.4

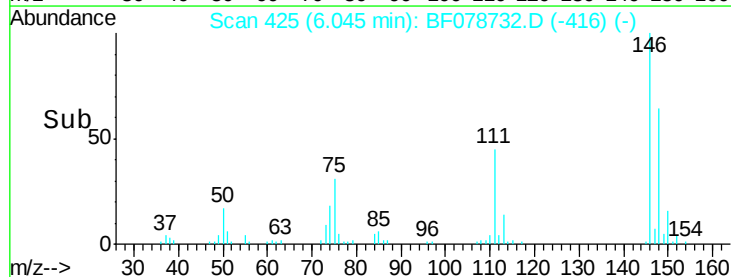
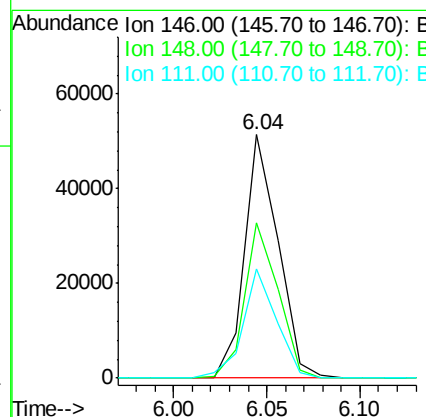
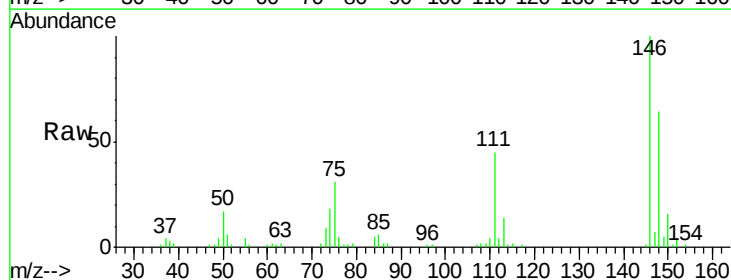
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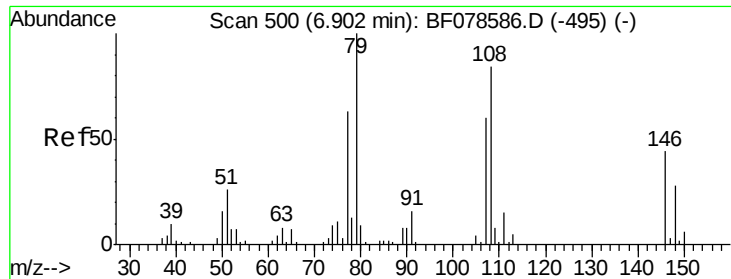
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#14
 1,2-Dichlorobenzene
 Concen: 36.85 ng
 RT: 6.04 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
111	44.9	36.1	54.1





#15

Benzyl Alcohol

Concen: 41.58 ng

RT: 6.07 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

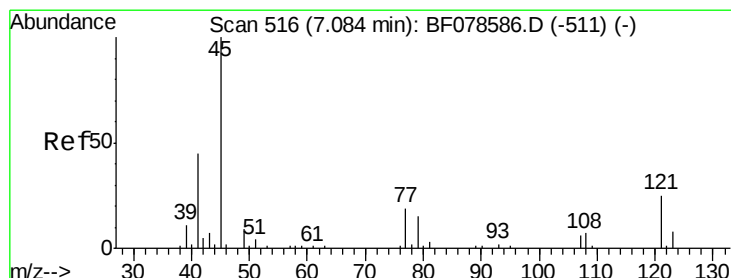
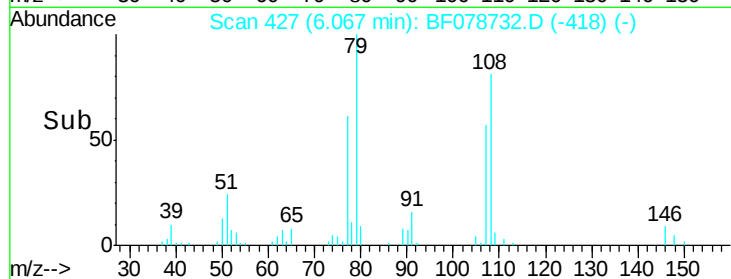
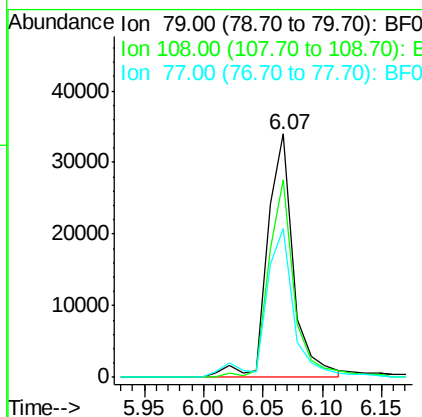
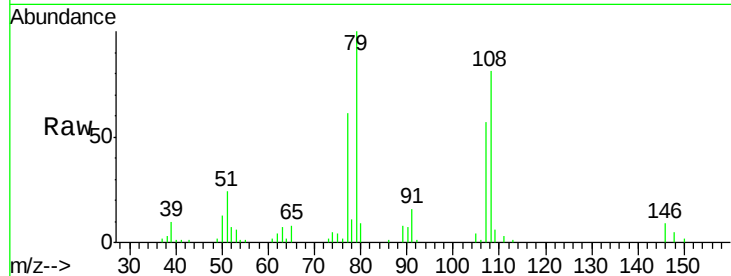
ClientSampleID :

PB82930BSD

Tot Ion:	79	Resp:	51868
Ion Ratio	Lower	Upper	
79	100		
108	81.0	57.6	86.4
77	61.4	53.5	80.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.73 ng

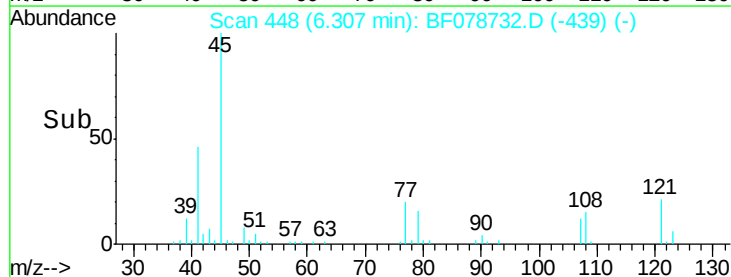
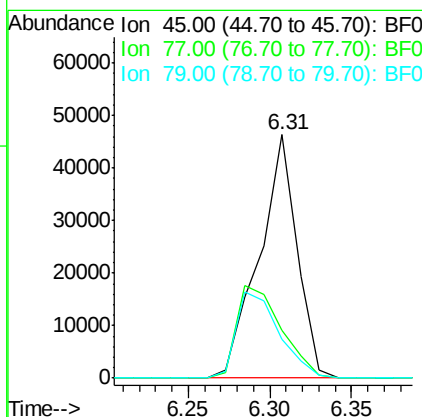
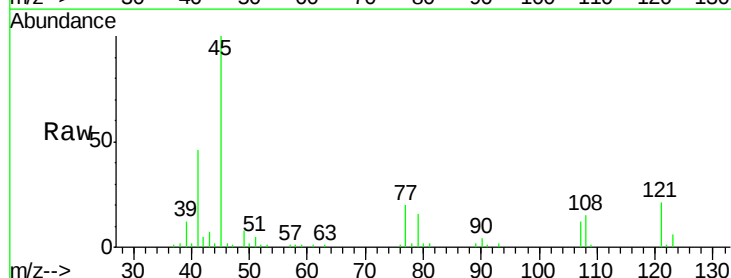
RT: 6.31 min Scan# 448

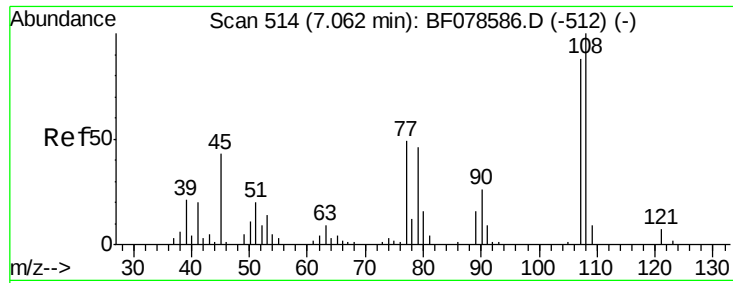
Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion:	45	Resp:	74931
Ion Ratio	Lower	Upper	
45	100		
77	19.6	0.0	34.5
79	16.0	0.0	31.9





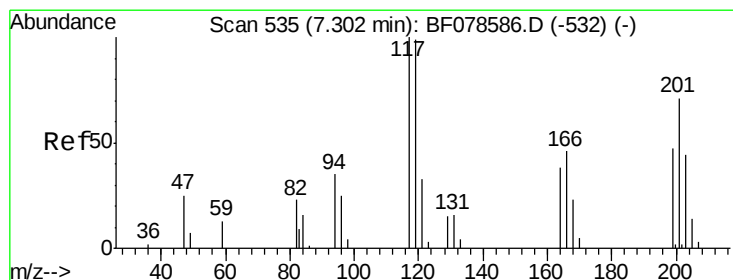
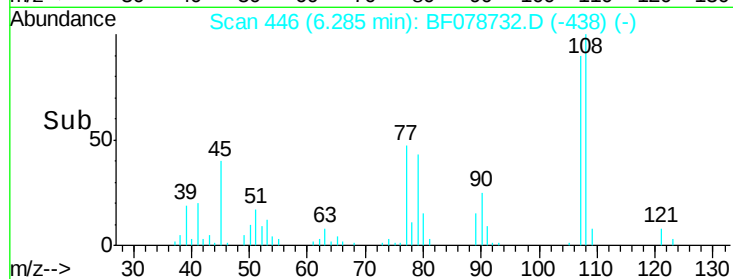
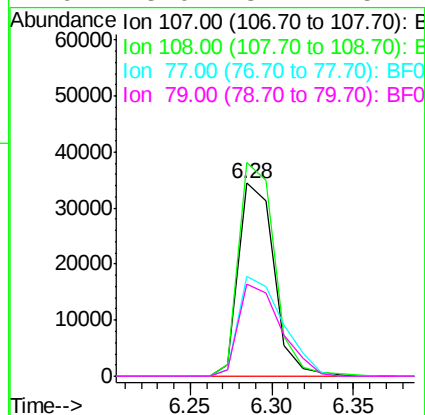
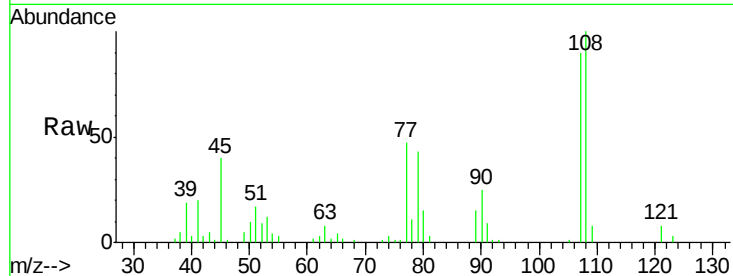
#17
2-Methylphenol
Concen: 39.90 ng
RT: 6.28 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion:	107	Resp:	51880
Ion Ratio	Lower	Upper	
107	100		
108	110.8	90.3	135.5
77	51.6	35.5	53.3
79	48.0	34.2	51.4

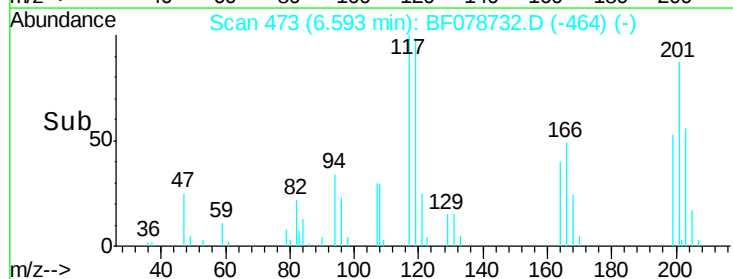
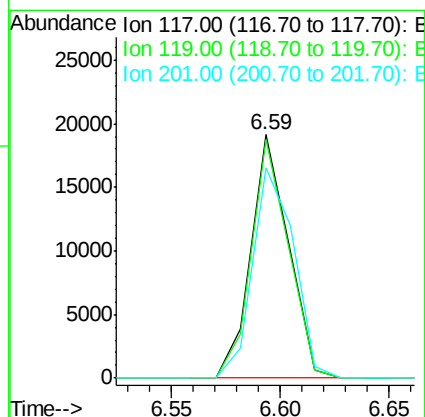
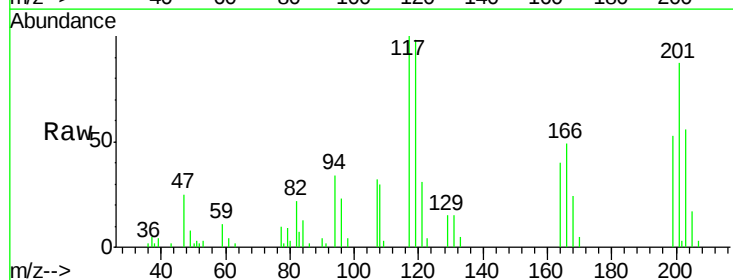
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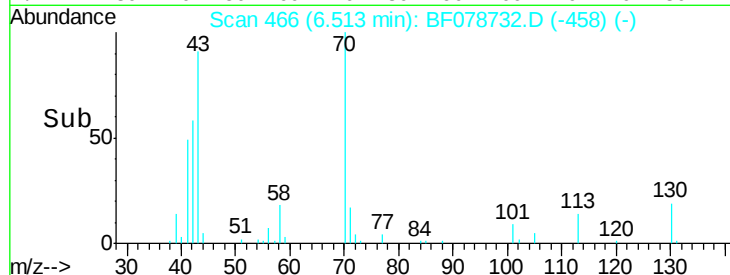
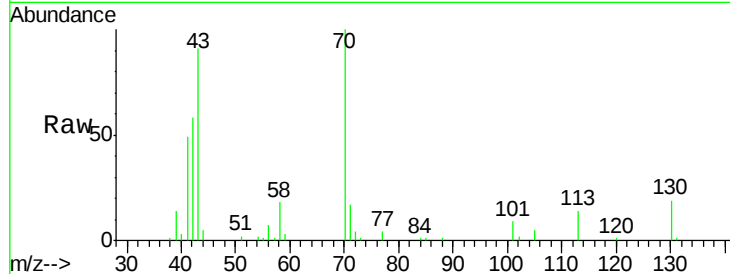
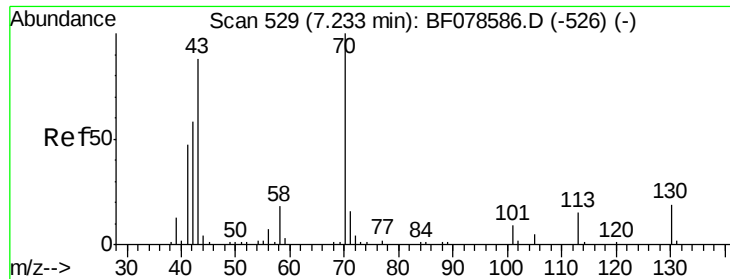
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#18
Hexachloroethane
Concen: 37.05 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion:	117	Resp:	23136
Ion Ratio	Lower	Upper	
117	100		
119	98.0	77.0	115.6
201	86.5	98.1	147.1#





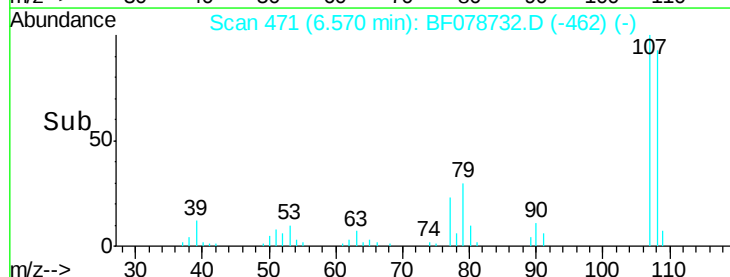
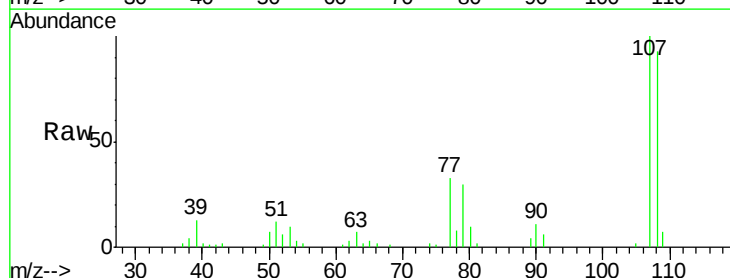
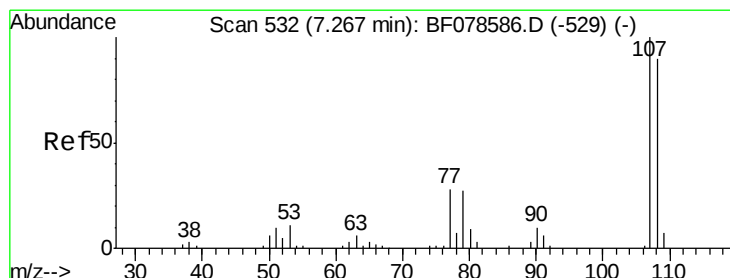
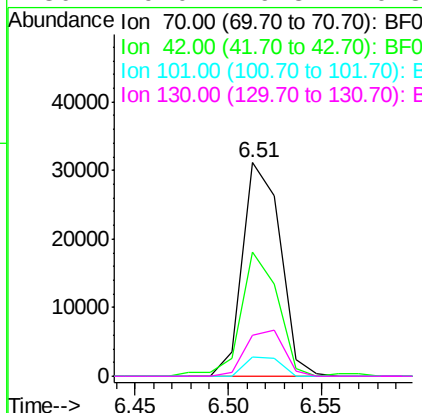
#19
n-Nitroso-di-n-propylamine
Concen: 37.38 ng
RT: 6.51 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Manual Integrations
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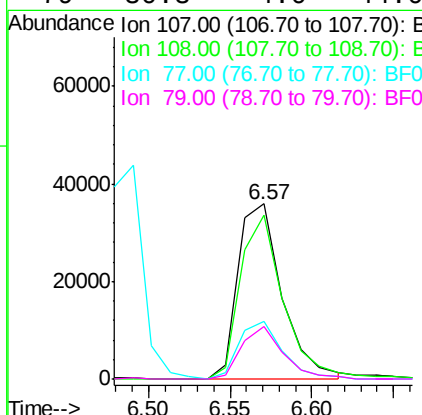
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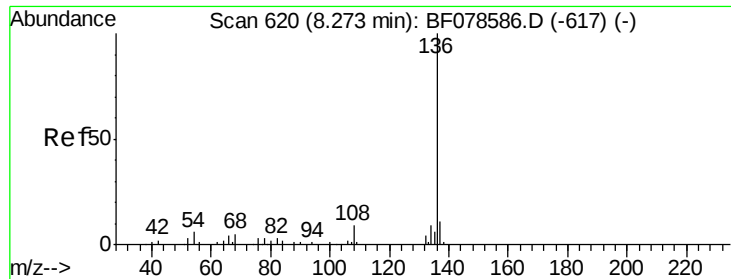
Tot Ion	70	Resp	43779
Ion Ratio	Lower	Upper	
70	100		
42	58.1	38.9	58.3
101	9.3	8.3	12.5
130	19.0	19.8	29.8#



#20
3+4-Methylphenols
Concen: 38.90 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	107	Resp	67486
Ion Ratio	Lower	Upper	
107	100		
108	93.4	64.4	104.4
77	32.7	9.7	49.7
79	30.3	4.0	44.0





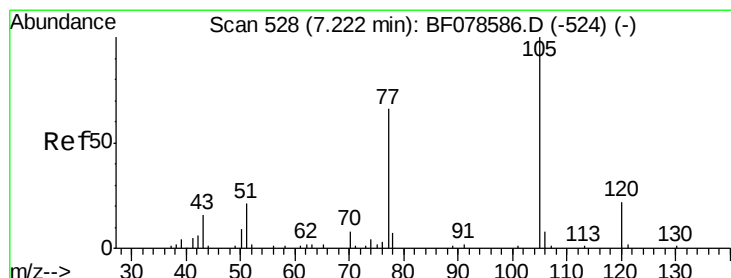
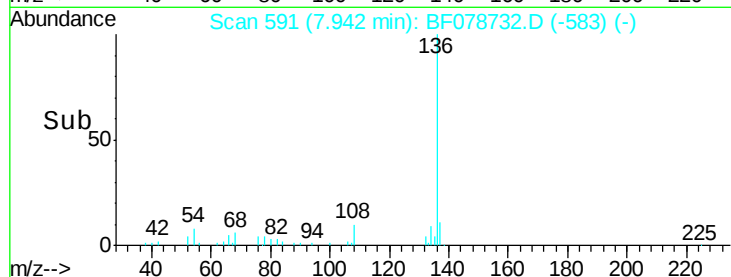
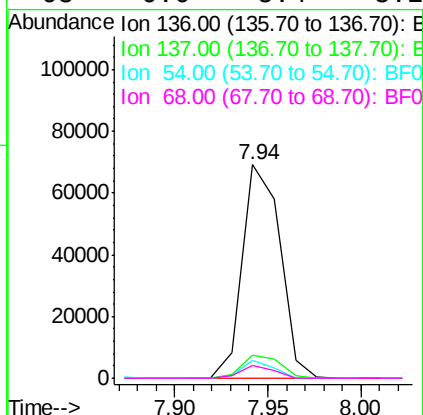
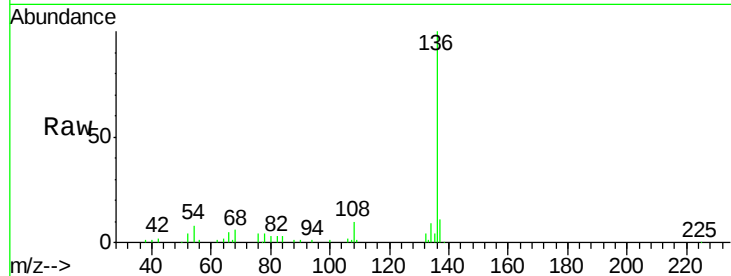
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.4	
54	8.4	7.0	10.6	
68	6.0	5.4	8.2	

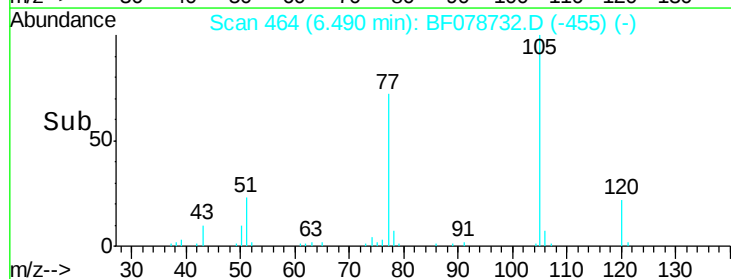
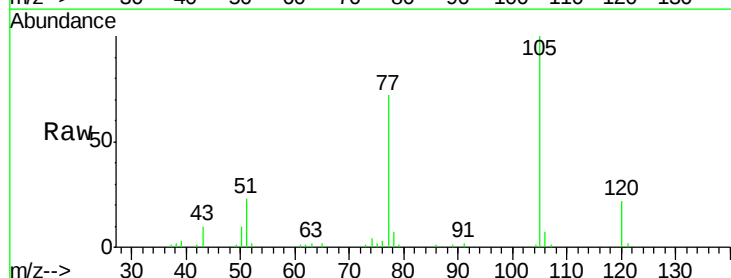
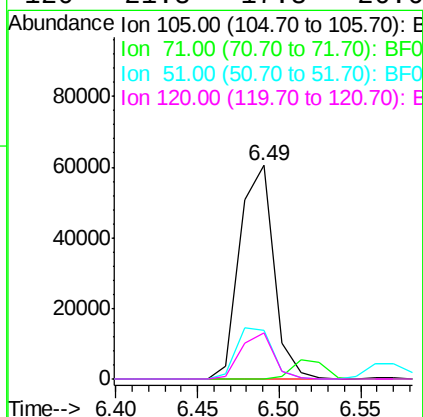
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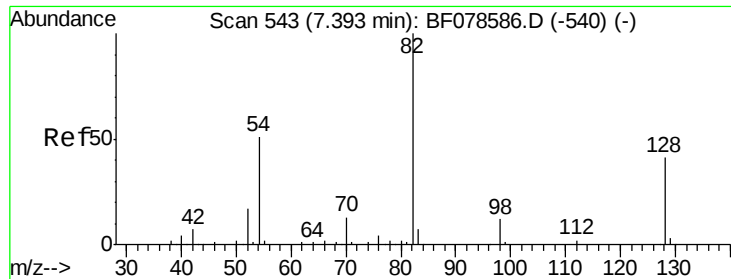
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#22
Acetophenone
Concen: 38.41 ng
RT: 6.49 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	5.5	8.3#	
51	22.6	16.0	24.0	
120	21.8	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 77.99 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

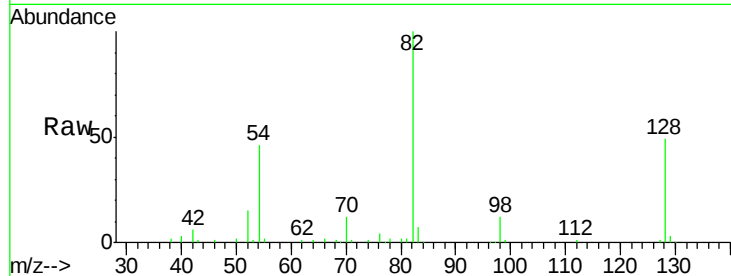
ClientSampleId :

PB82930BSD

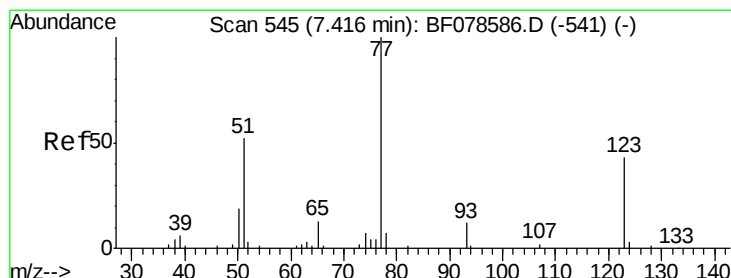
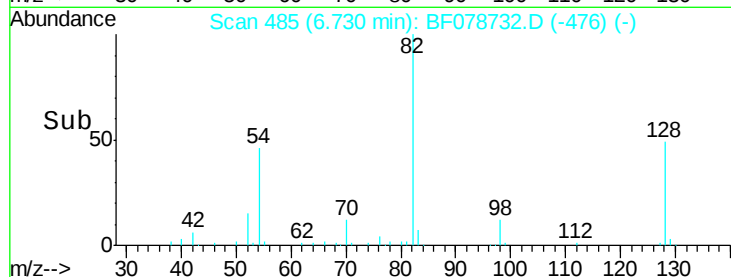
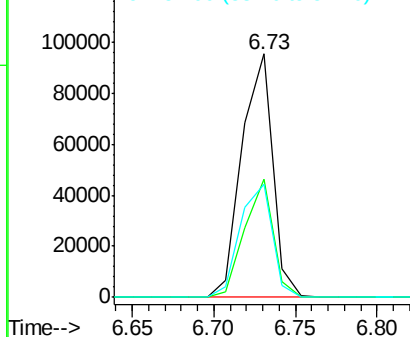
Tot Ion:	82	Resp:	125294
Ion Ratio		Lower	Upper
82	100		
128	48.6	31.8	47.8#
54	46.3	41.5	62.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.72 ng

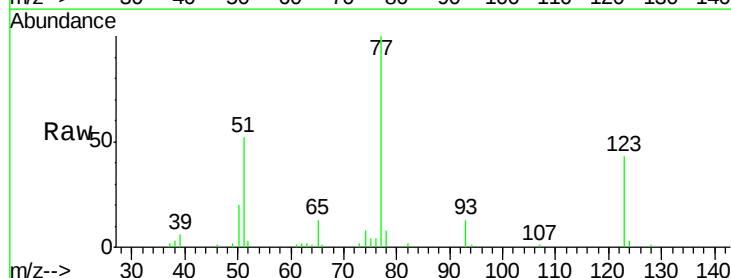
RT: 6.75 min Scan# 487

Delta R.T. -0.01 min

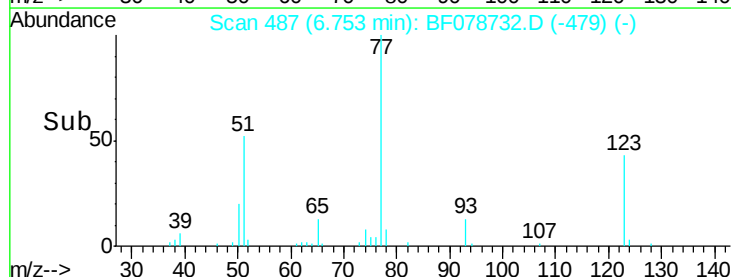
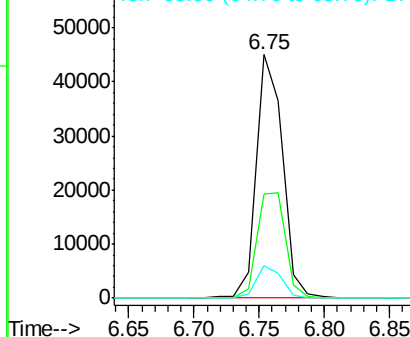
Lab File: BF078732.D

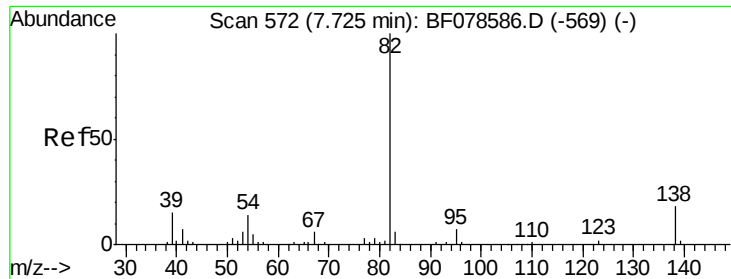
Acq: 22 Apr 2015 23:41

Tgt Ion:	77	Resp:	63351
Ion Ratio		Lower	Upper
77	100		
123	42.8	46.9	70.3#
65	13.4	9.5	14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.07 ng

RT: 7.19 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

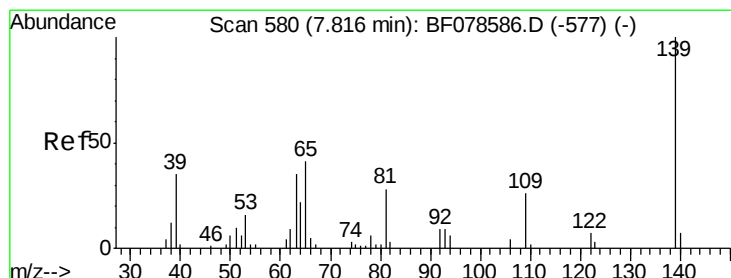
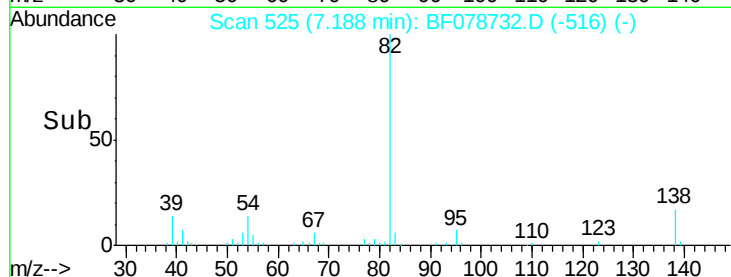
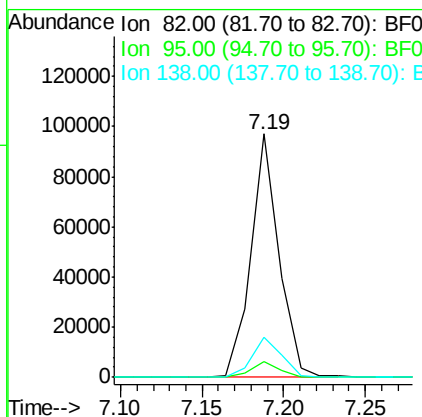
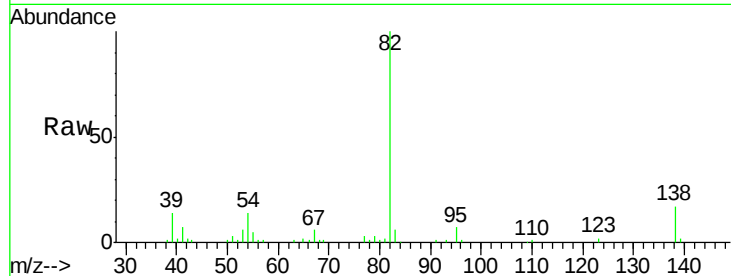
ClientSampleId :

PB82930BSD

Tot Ion:	82	Resp:	116069
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	16.7	15.8	23.8

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#26

2-Nitrophenol

Concen: 39.76 ng

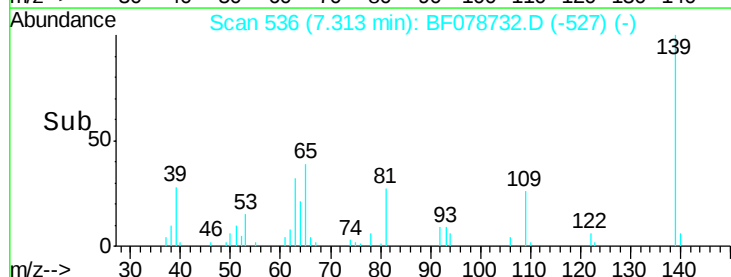
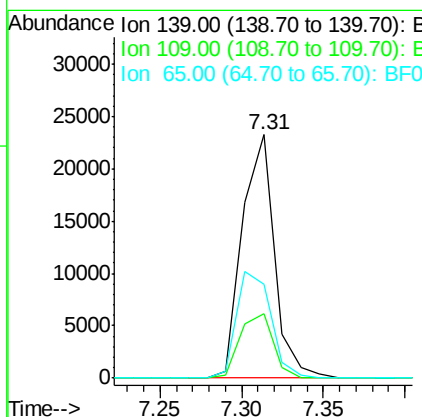
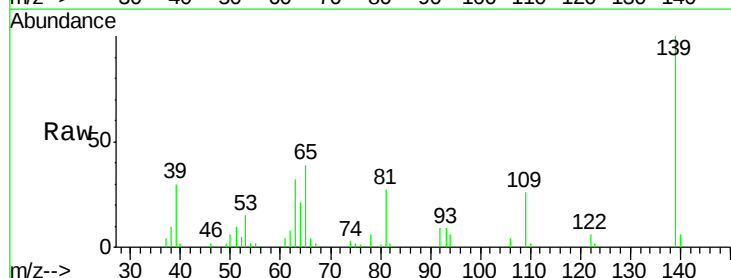
RT: 7.31 min Scan# 536

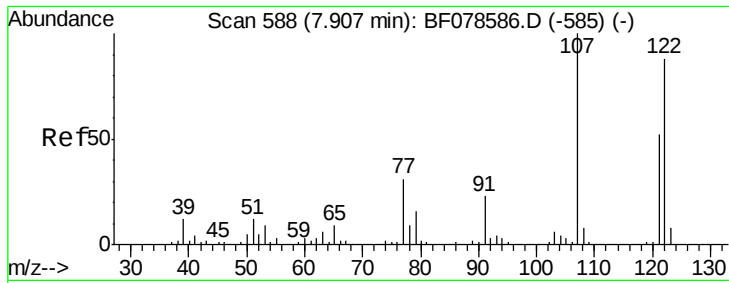
Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion:	139	Resp:	31823
Ion Ratio	Lower	Upper	
139	100		
109	26.4	19.8	29.8
65	38.8	32.7	49.1





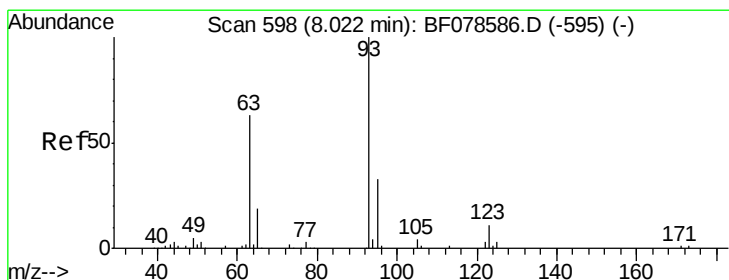
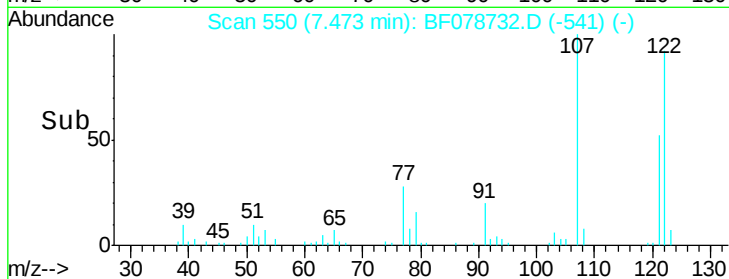
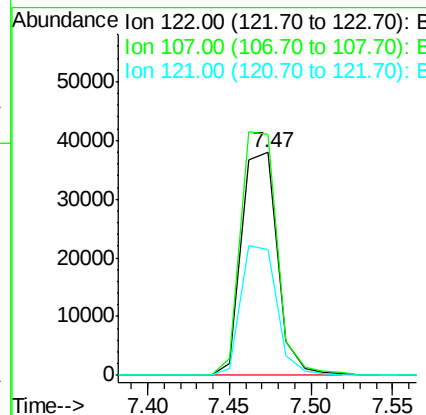
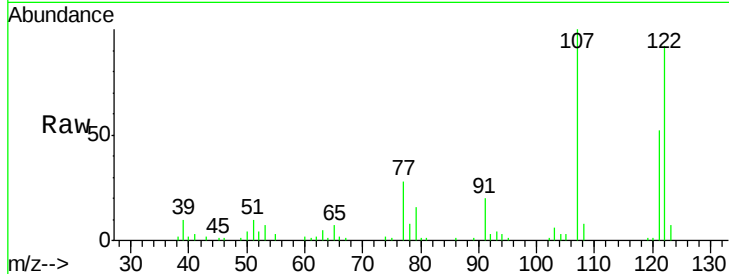
#27
 2,4-Dimethylphenol
 Concen: 38.92 ng
 RT: 7.47 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		57916		
107	108.3	84.6	127.0		
121	56.8	46.0	69.0		

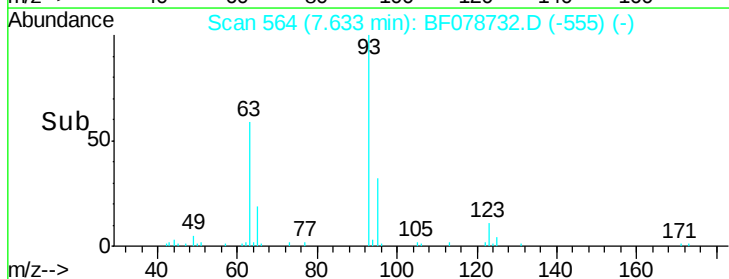
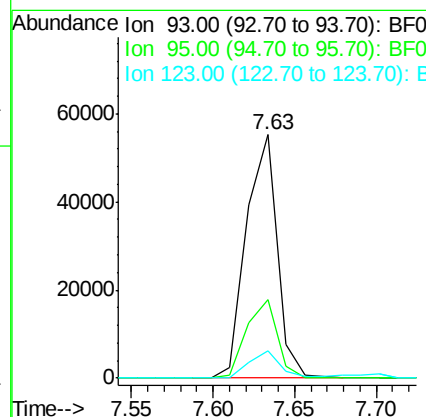
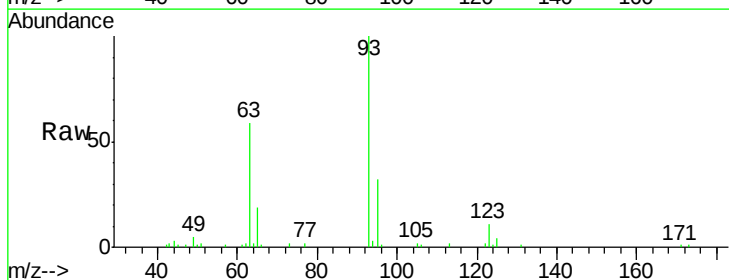
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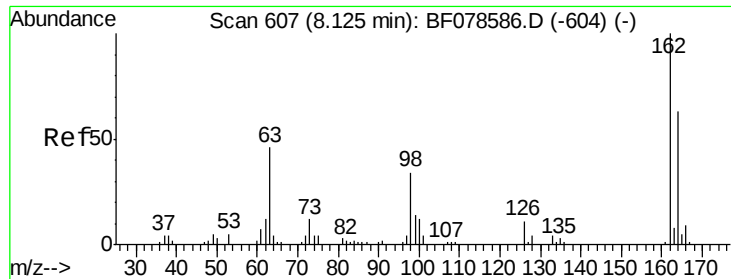
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.17 ng
 RT: 7.63 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		72679		
95	32.3	26.3	39.5		
123	11.1	9.1	13.7		





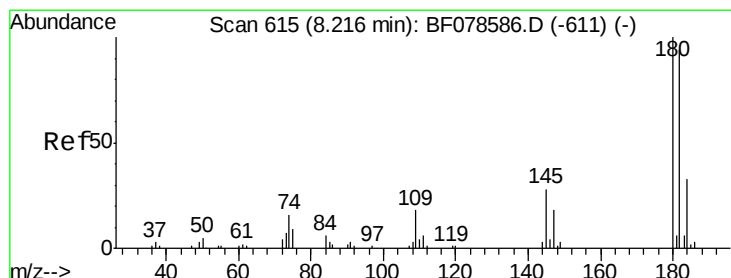
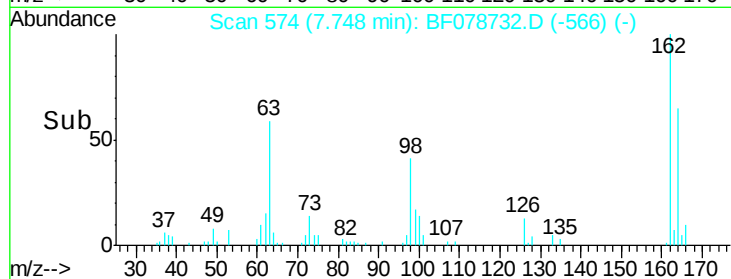
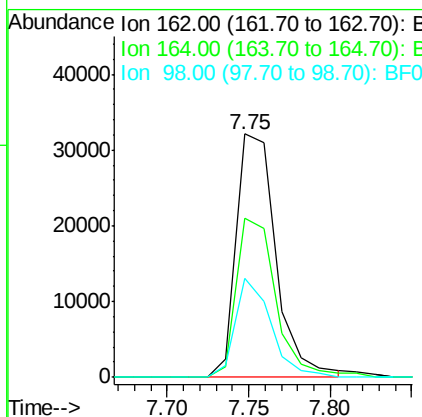
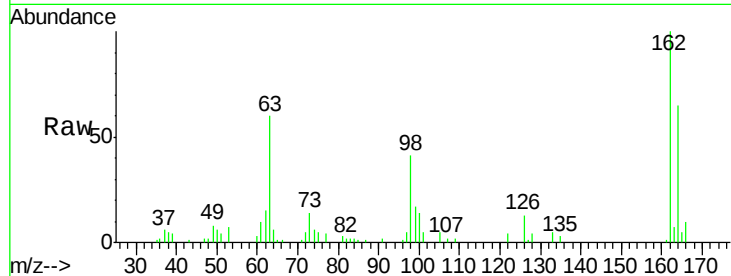
#29
 2,4-Dichlorophenol
 Concen: 39.98 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	54134		
164	65.3	47.0	87.0	
98	40.6	9.2	49.2	

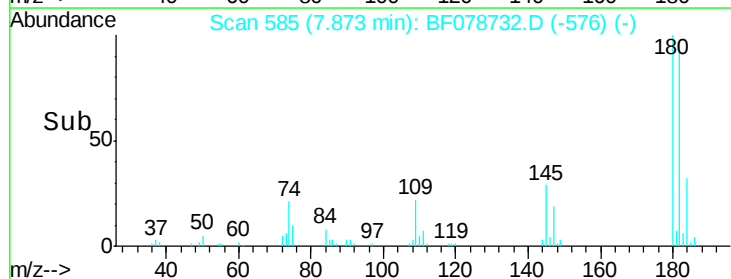
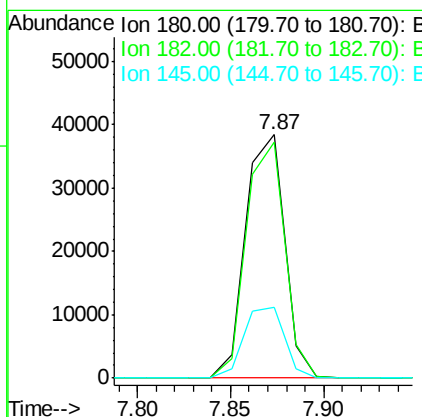
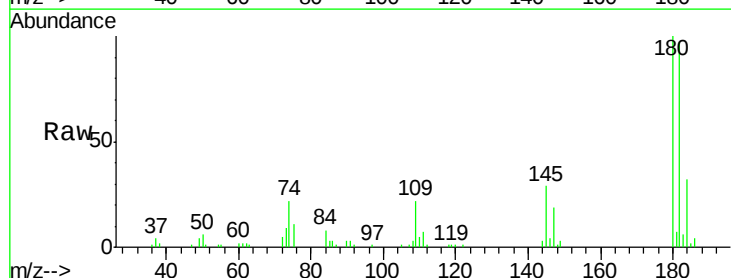
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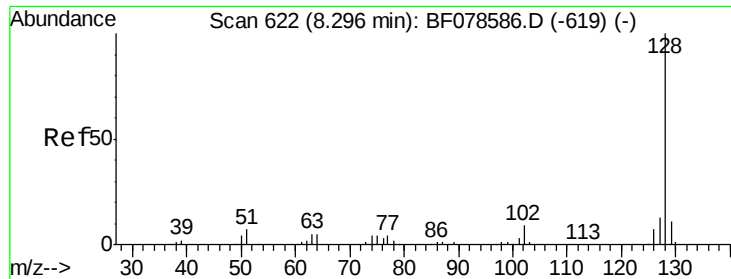
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.08 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56013		
182	96.8	76.9	115.3	
145	29.1	22.5	33.7	





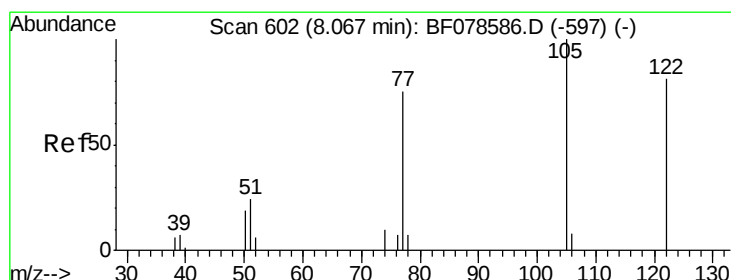
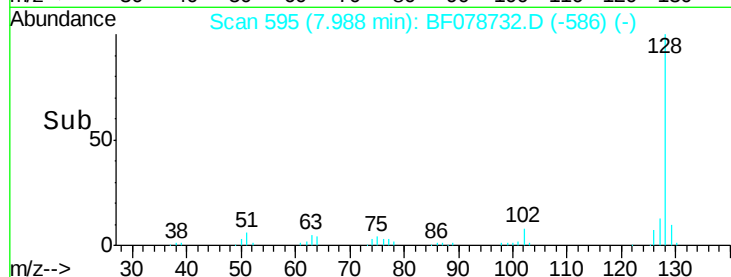
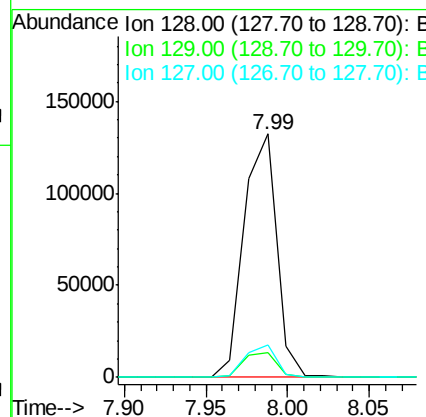
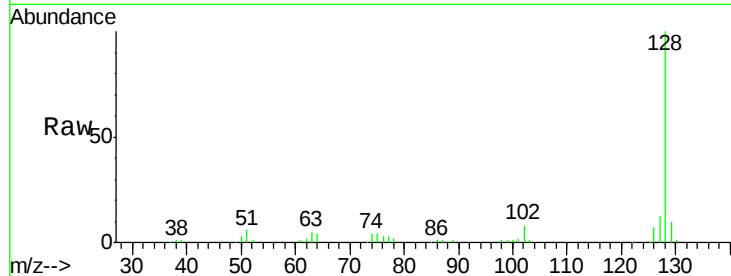
#31
Naphthalene
Concen: 36.37 ng
RT: 7.99 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	184330		
129	10.3	8.6	12.8	
127	13.1	10.7	16.1	

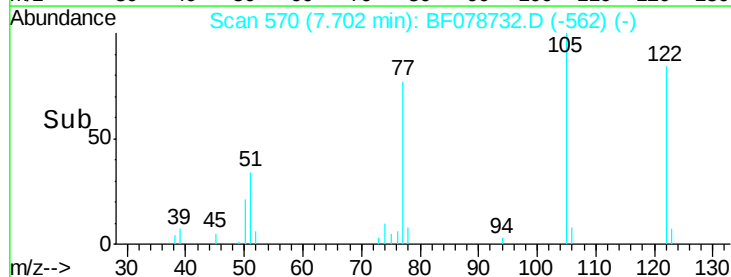
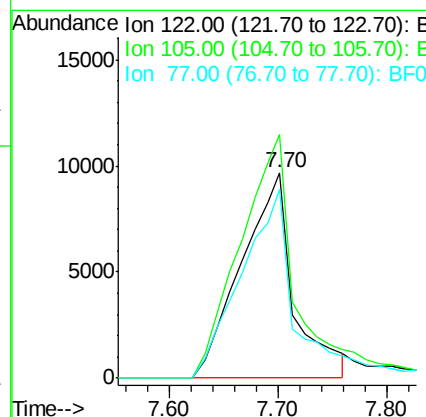
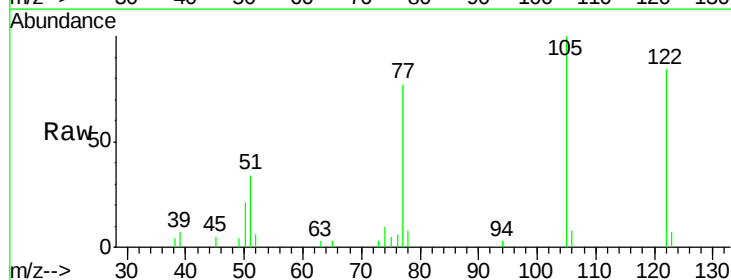
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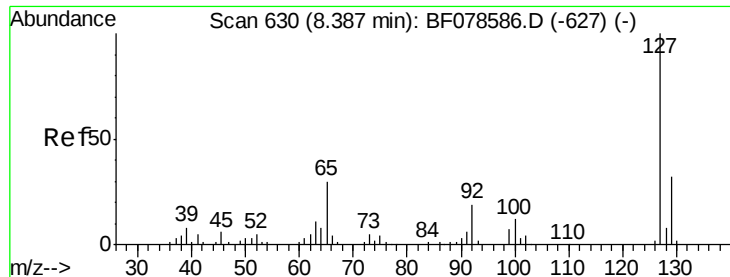
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#32
Benzoic acid
Concen: 46.56 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32447		
105	118.4	96.1	136.1	
77	91.5	64.1	104.1	





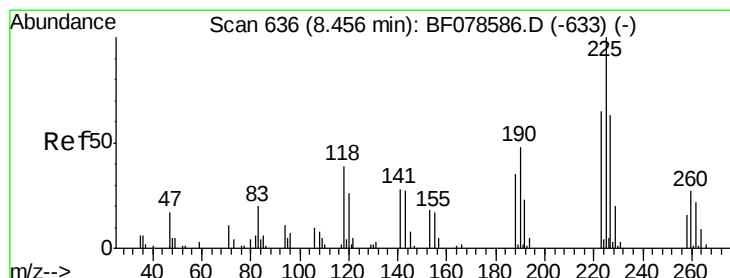
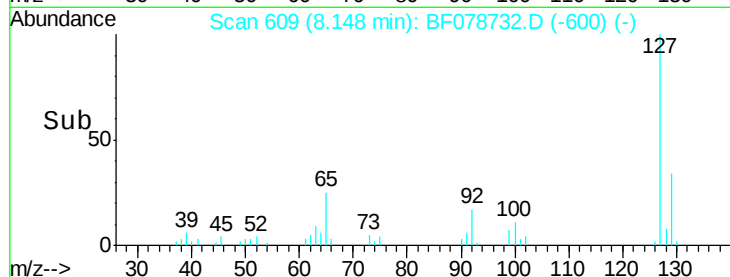
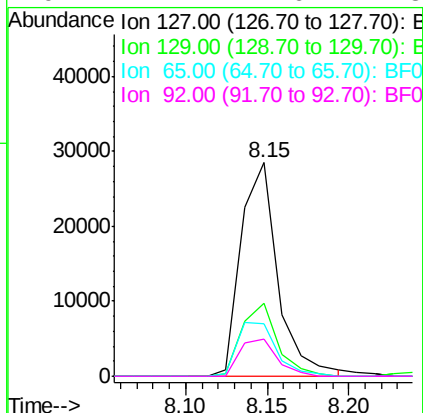
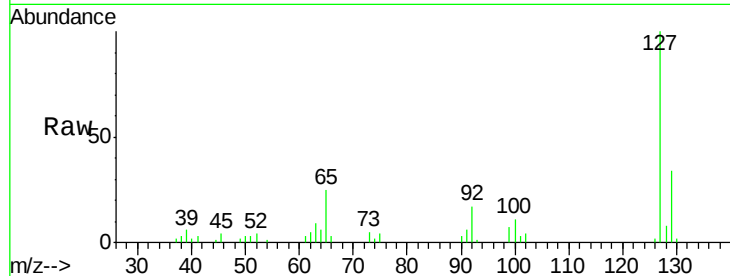
#33
 4-Chloroaniline
 Concen: 21.23 ng
 RT: 8.15 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion:	127	Resp:	44655
Ion Ratio	Lower	Upper	
127	100		
129	34.0	25.5	38.3
65	24.7	21.7	32.5
92	17.4	14.6	21.8

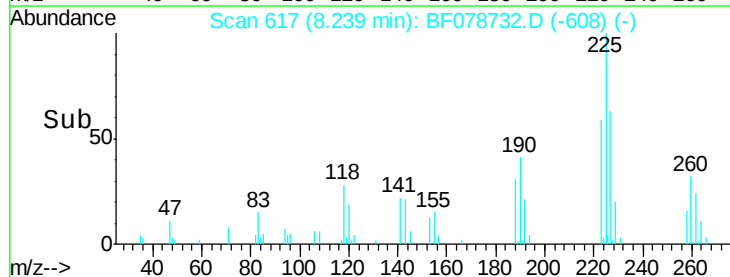
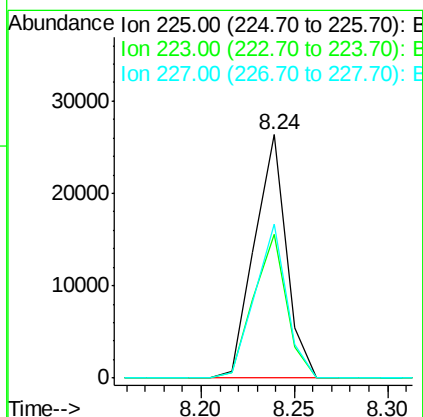
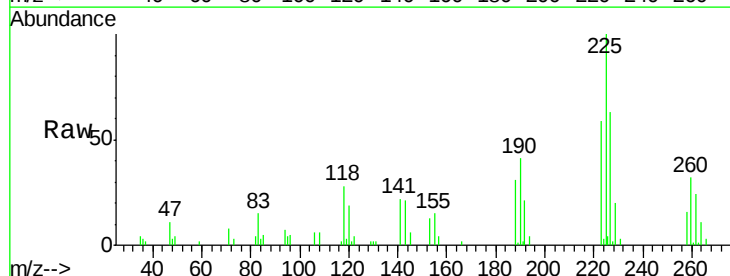
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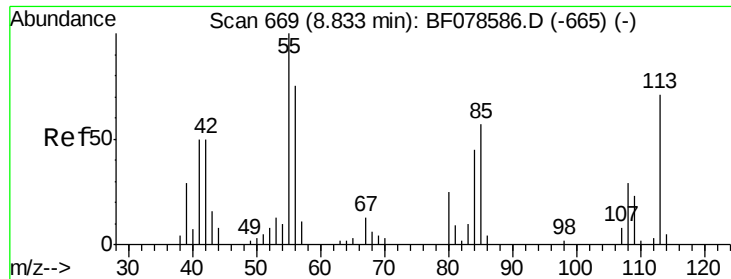
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#34
 Hexachlorobutadiene
 Concen: 37.21 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion:	225	Resp:	31714
Ion Ratio	Lower	Upper	
225	100		
223	58.9	47.5	71.3
227	63.2	50.2	75.2





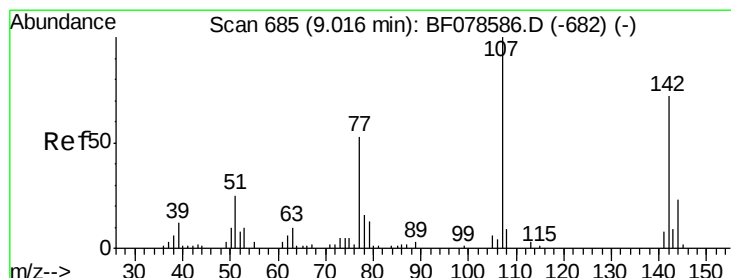
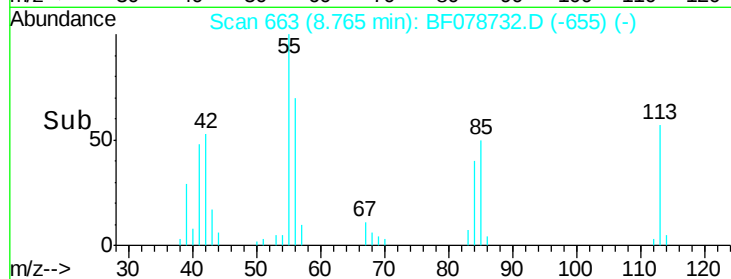
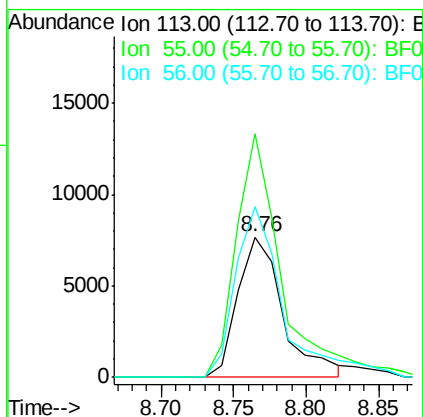
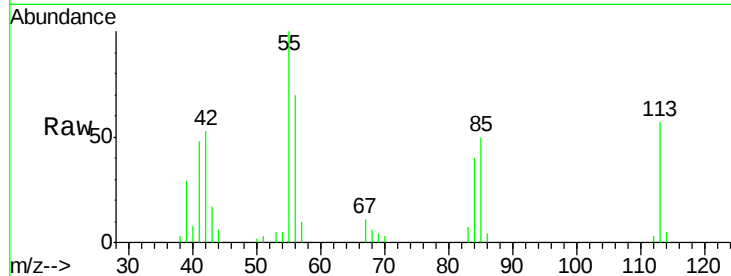
#35
Caprolactam
Concen: 41.32 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.9	151.9	191.9
56	122.3	106.1	146.1

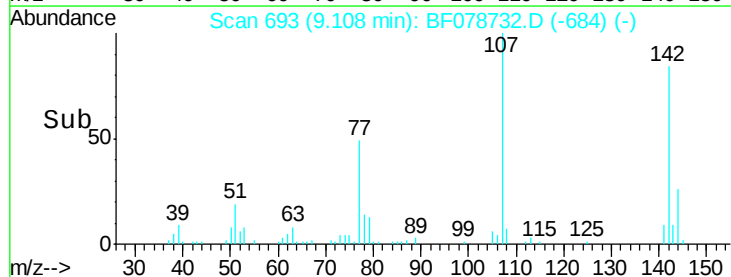
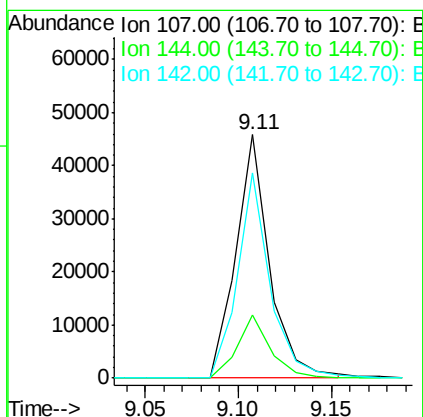
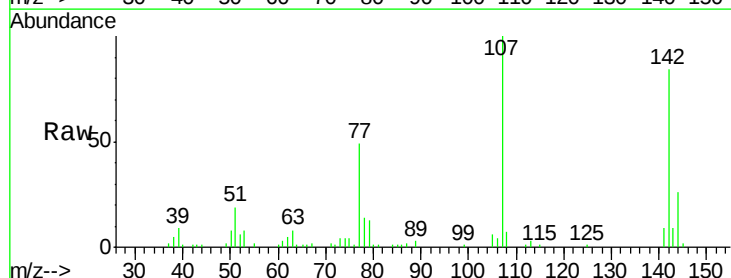
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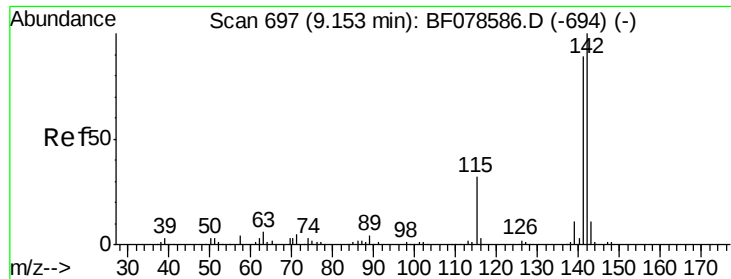
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#36
4-Chloro-3-methylphenol
Concen: 42.11 ng
RT: 9.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.2	27.2
142	84.1	58.0	87.0





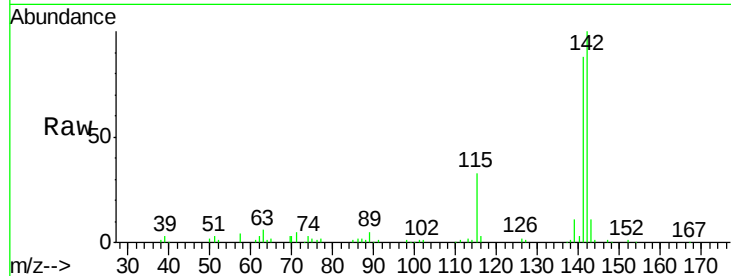
#37
 2-Methylnaphthalene
 Concen: 38.27 ng
 RT: 9.24 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleID :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	131688		
141	88.0	70.3	105.5	
115	33.1	24.6	37.0	

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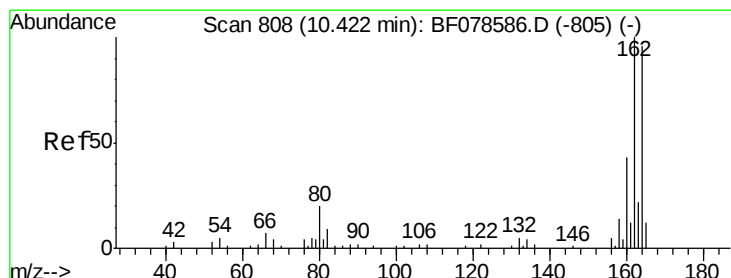
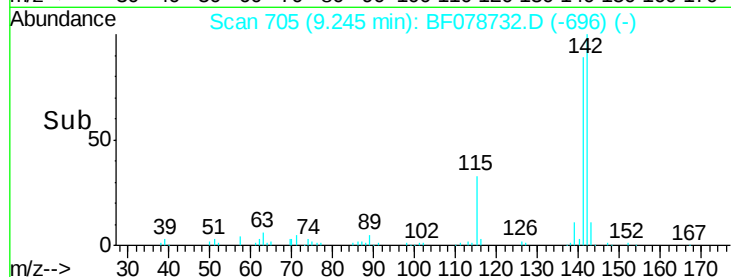
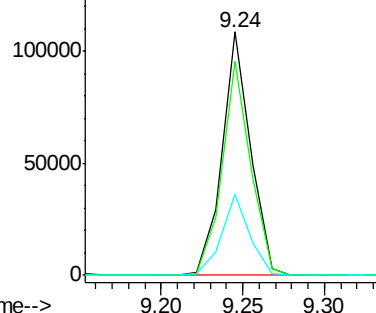


Abundance

Ion 142.00 (141.70 to 142.70): E

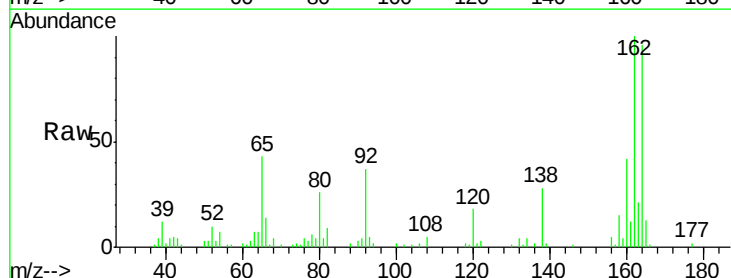
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49642		
162	103.7	82.2	123.2	
160	43.4	34.7	52.1	

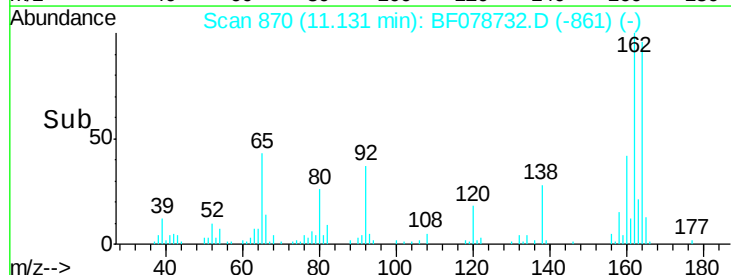
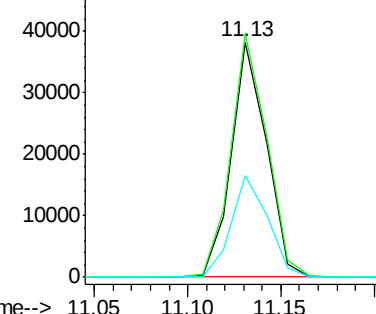


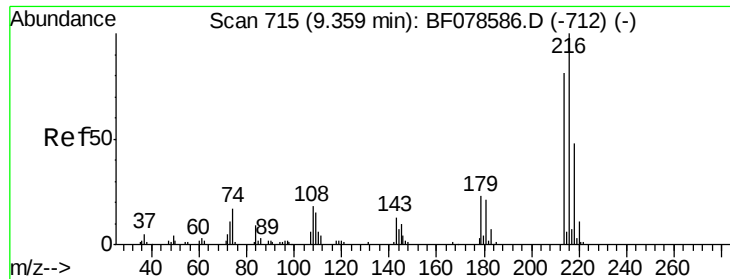
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





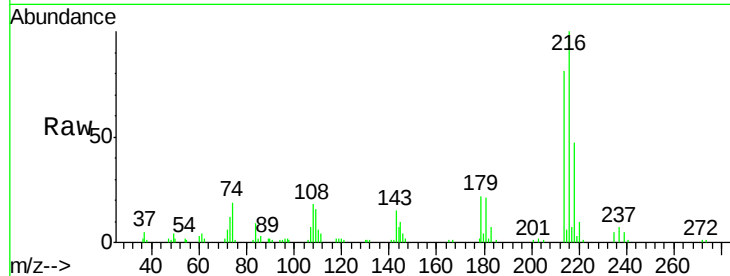
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.92 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

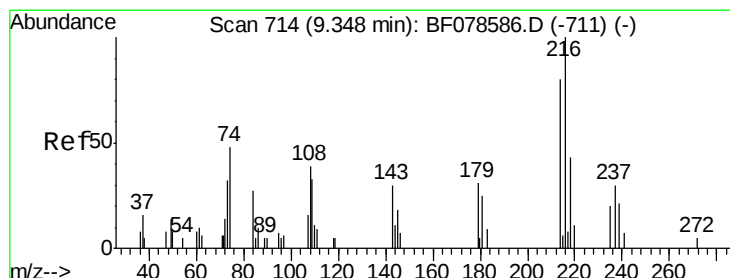
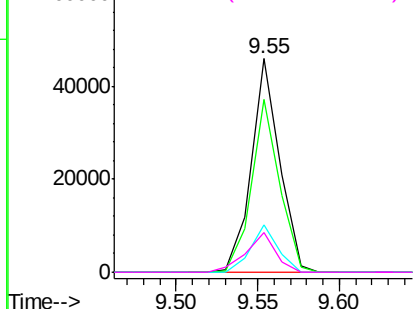
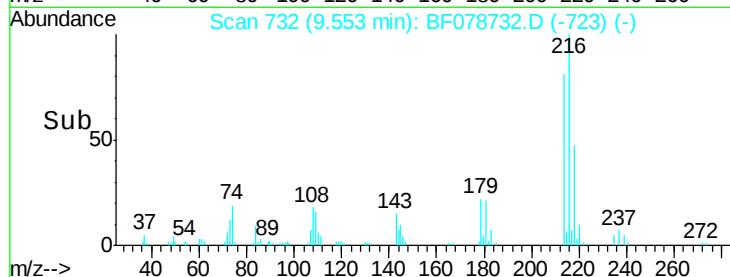
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9	62.0	93.0		
179	21.1	17.3	25.9		
108	19.7	14.6	21.8		

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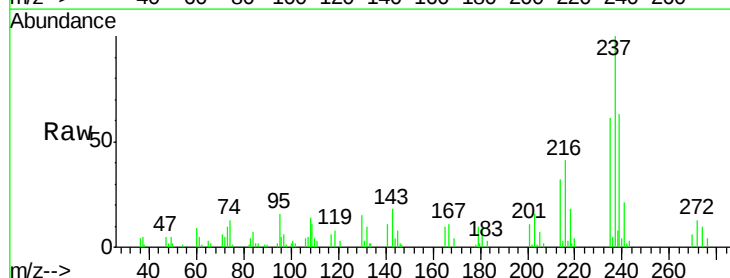


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

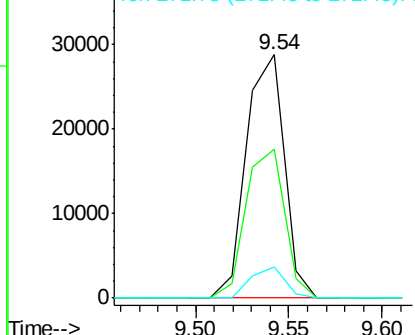
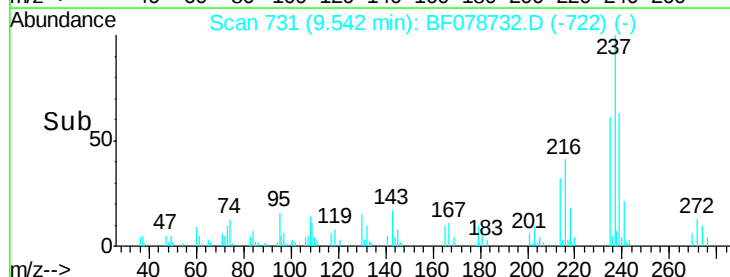


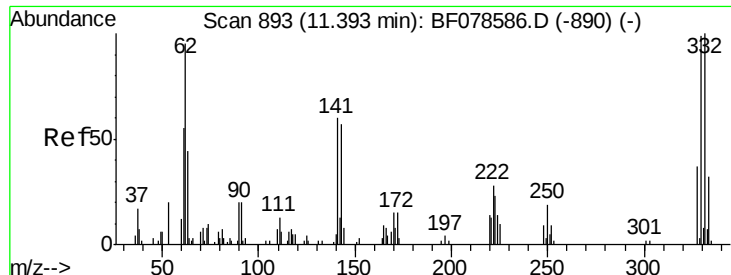
#40
 Hexachlorocyclopentadiene
 Concen: 62.92 ng
 RT: 9.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.2	44.1	84.1		
272	12.8	0.0	34.4		



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





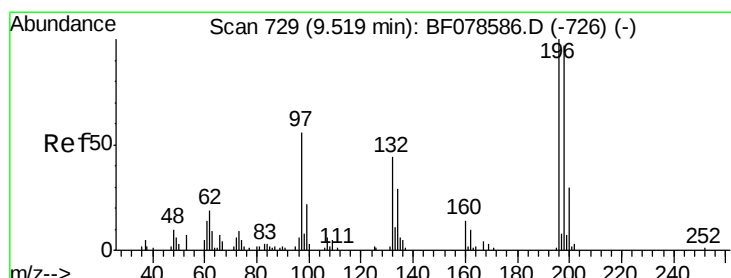
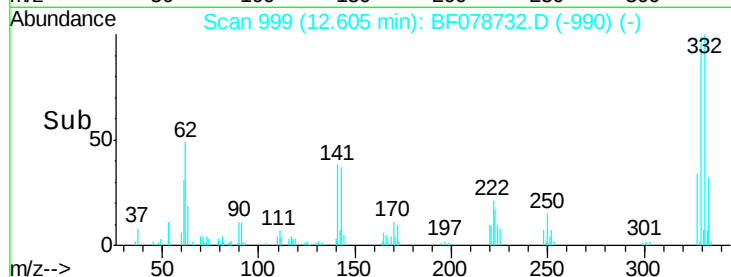
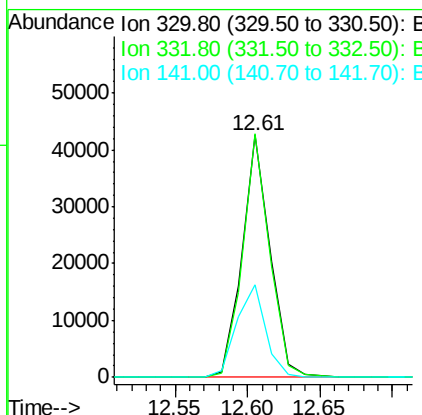
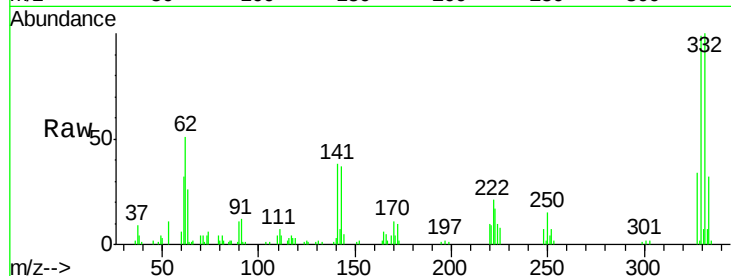
#41
 2,4,6-Tribromophenol
 Concen: 138.24 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	78.6	117.8	
141	39.3	31.2	46.8	

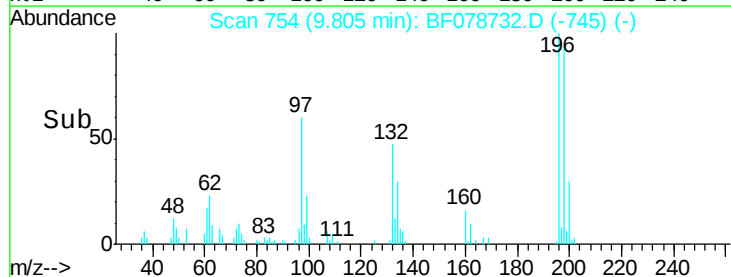
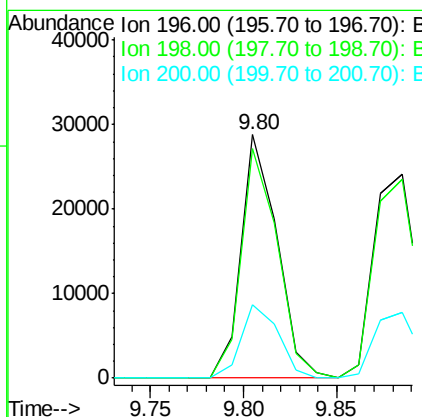
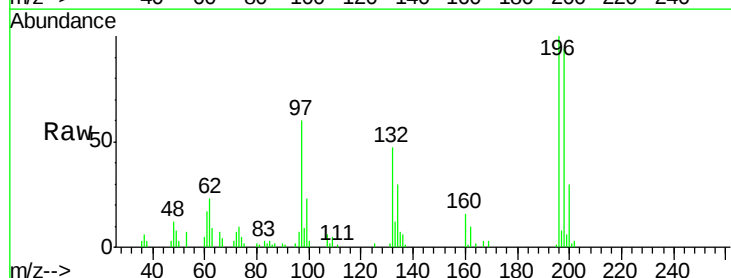
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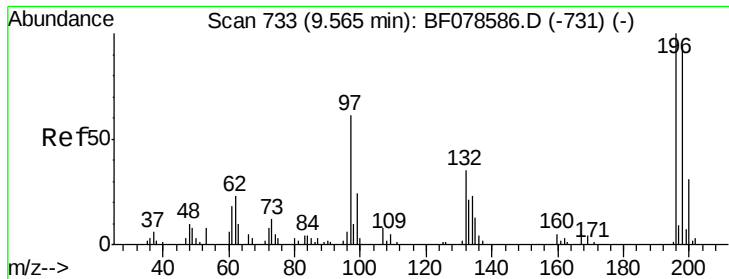
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#42
 2,4,6-Trichlorophenol
 Concen: 39.77 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	75.4	113.2	
200	30.0	24.0	36.0	





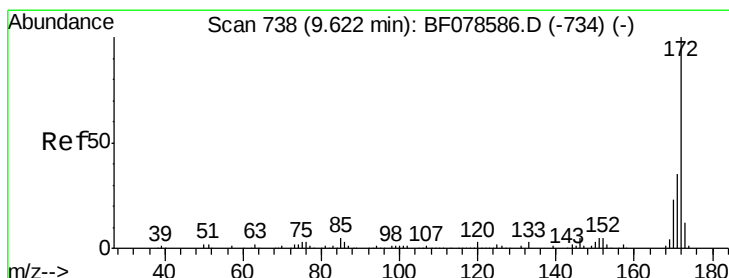
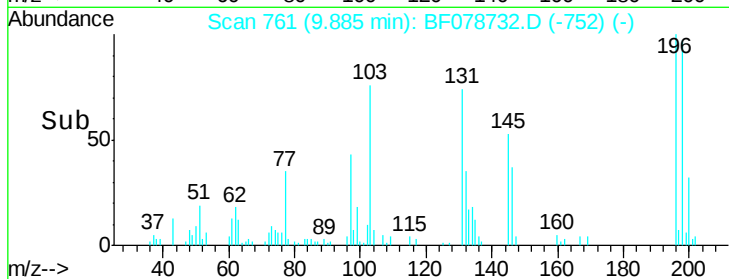
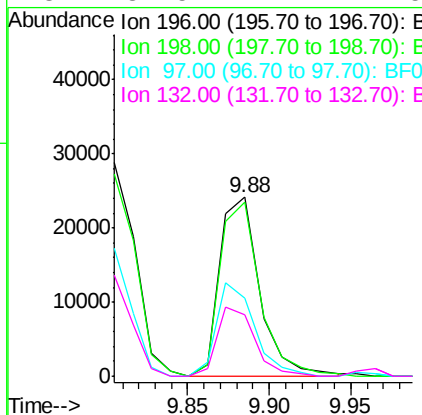
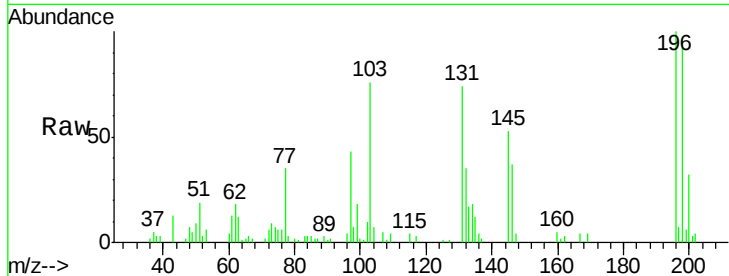
#43
 2,4,5-Trichlorophenol
 Concen: 40.77 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion:	196	Resp:	41314
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.6	115.0
97	43.4	50.6	75.8#
132	34.5	27.7	41.5

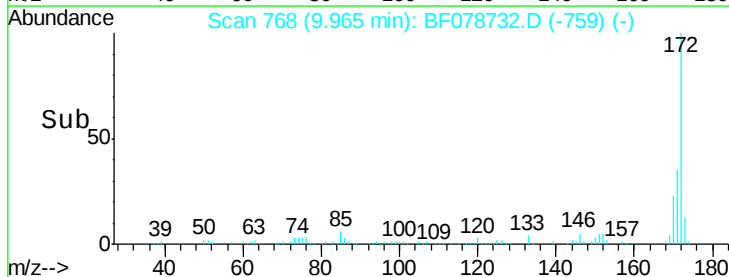
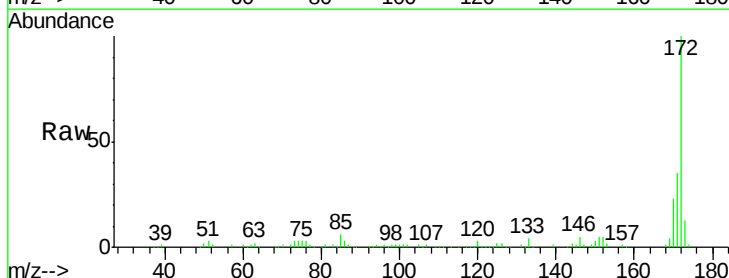
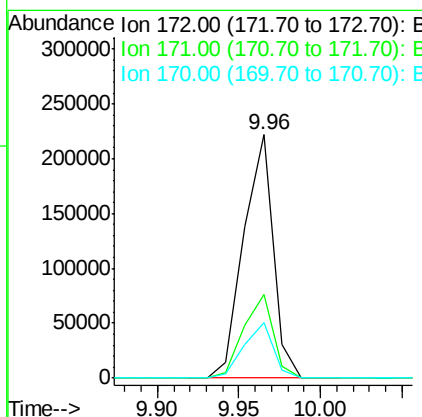
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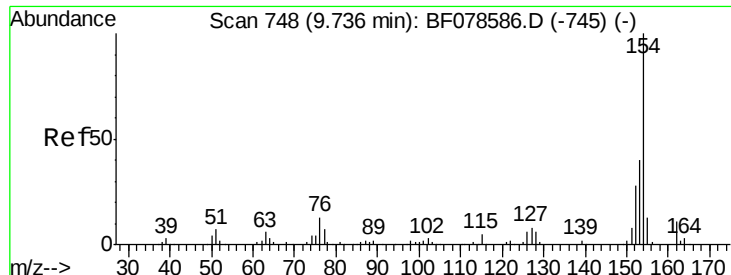
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#44
 2-Fluorobiphenyl
 Concen: 80.37 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion:	172	Resp:	279111
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	22.7	18.5	27.7





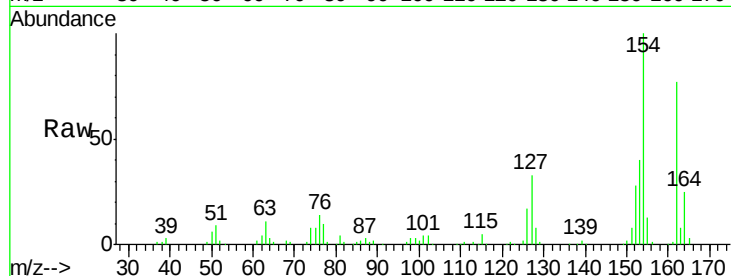
#45
1,1'-Biphenyl
Concen: 38.05 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

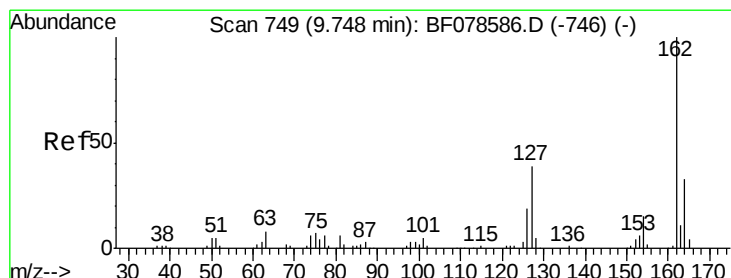
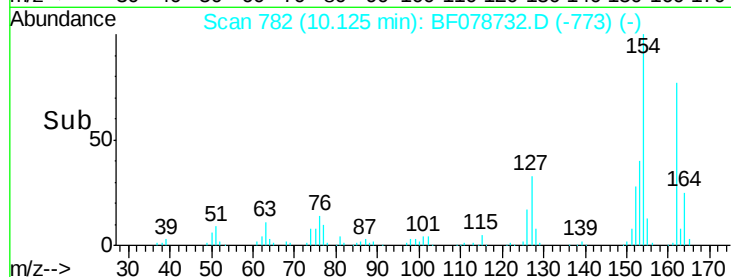
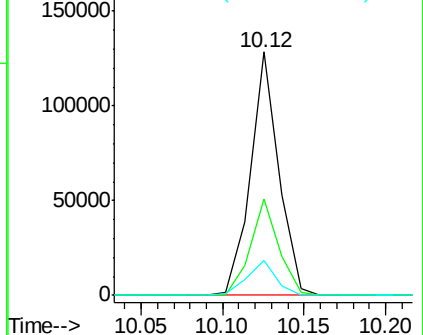
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.8	20.0	60.0	
76	14.4	0.0	30.6	

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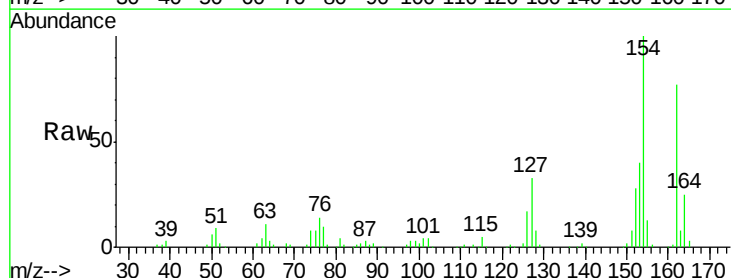


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

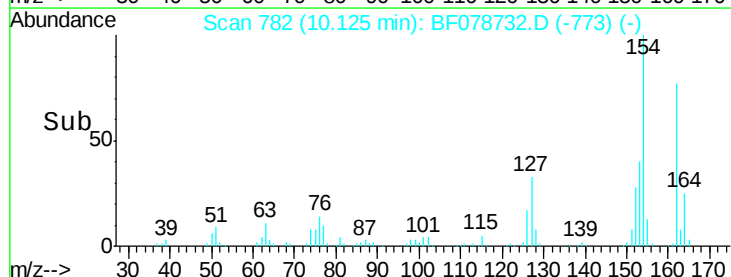
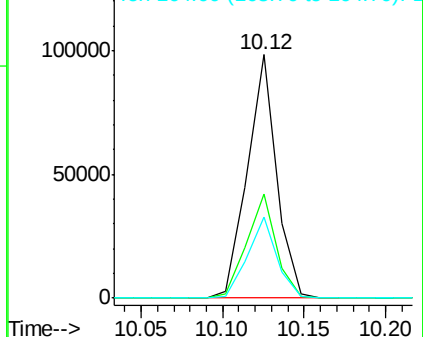


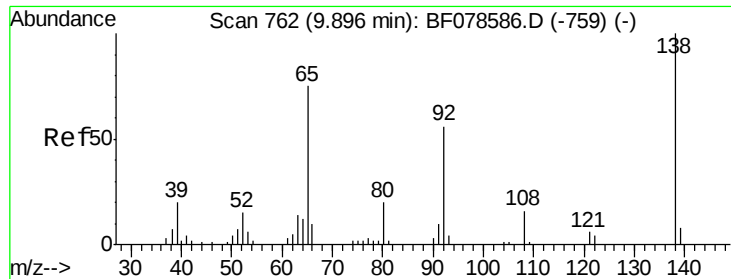
#46
2-Chloronaphthalene
Concen: 38.19 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.0	32.6	49.0	
164	33.1	26.0	39.0	



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





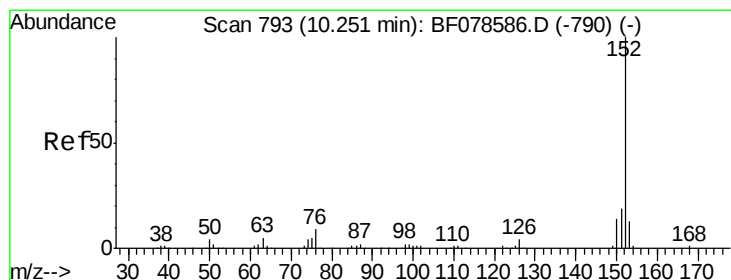
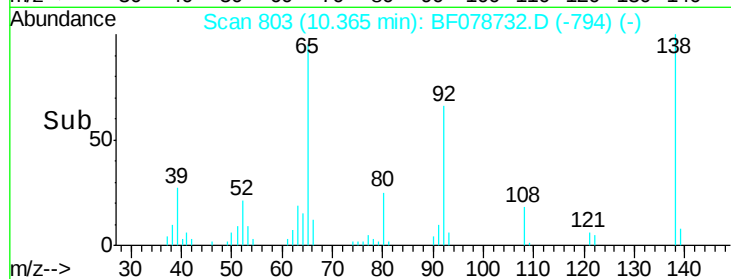
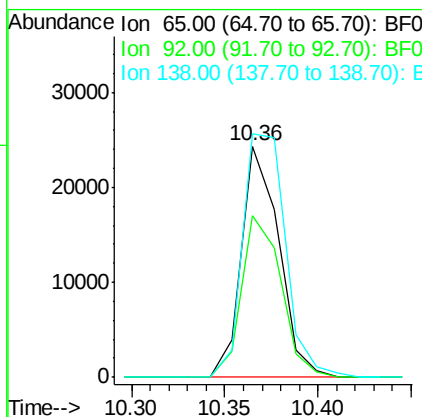
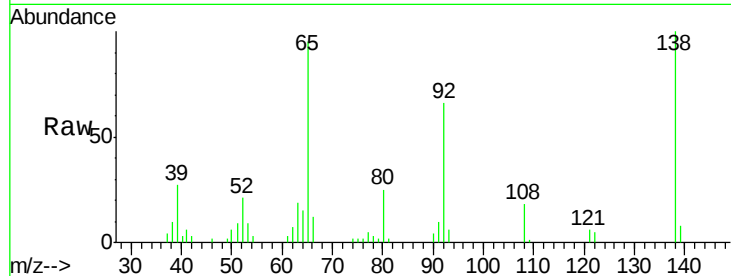
#47
2-Nitroaniline
Concen: 43.14 ng
RT: 10.36 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	51.3	76.9
138	105.3	70.4	105.6

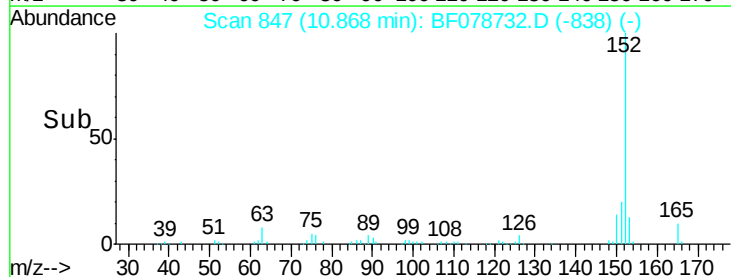
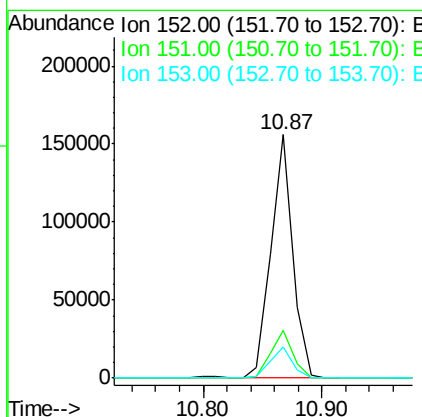
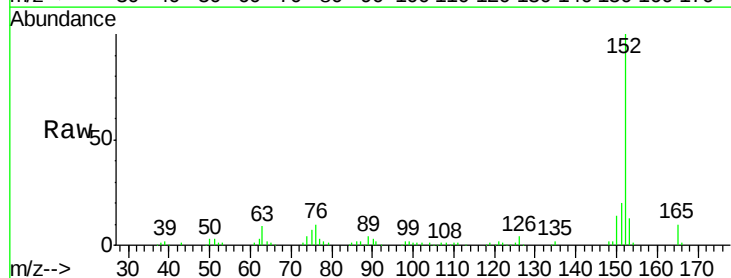
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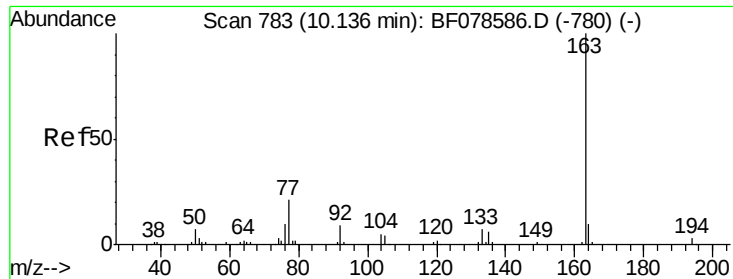
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#48
Acenaphthylene
Concen: 38.72 ng
RT: 10.87 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.2	15.2





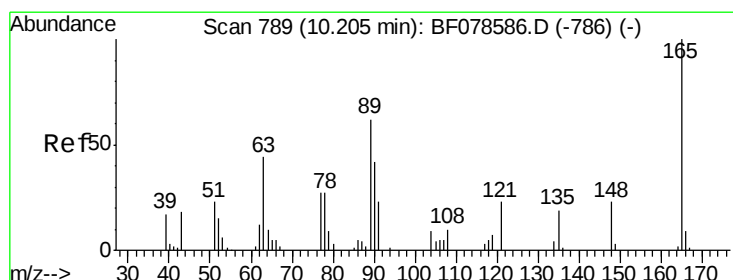
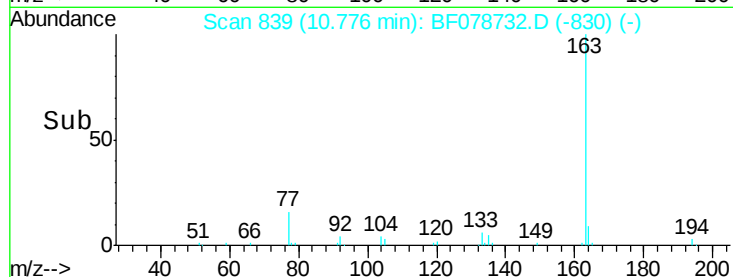
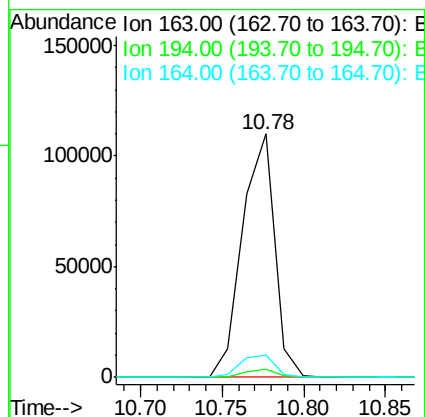
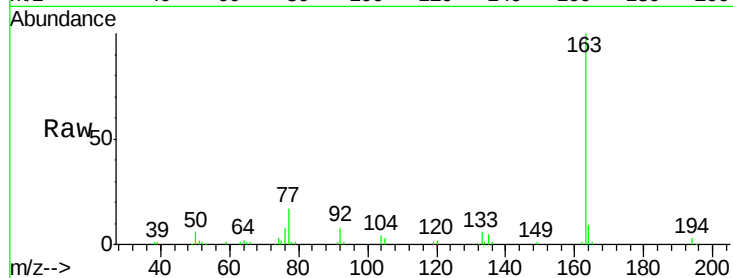
#49
Dimethylphthalate
Concen: 40.25 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampled :
PB82930BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.3	3.5
164	9.1	8.6	13.0

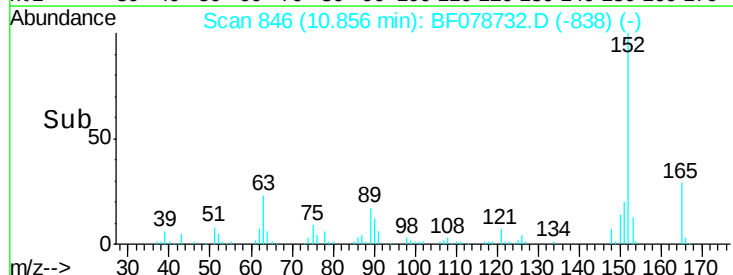
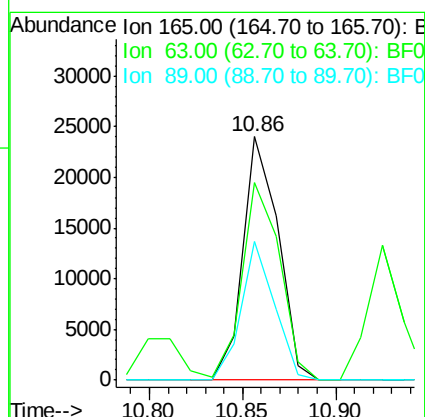
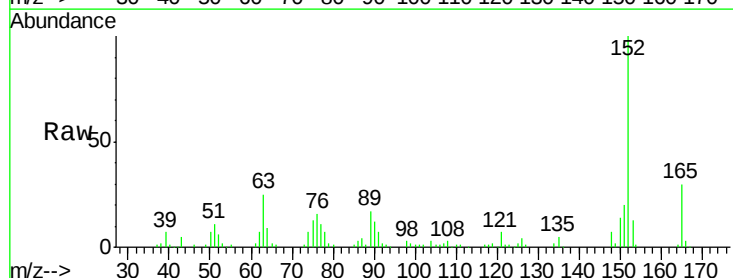
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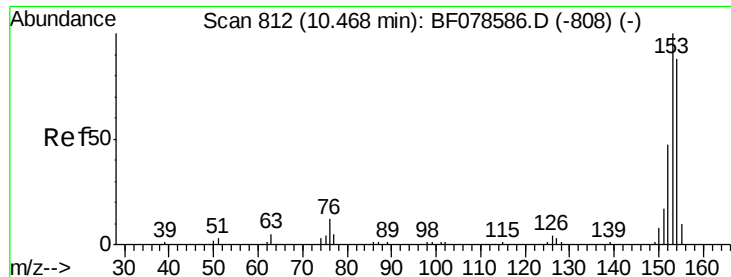
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#50
2,6-Dinitrotoluene
Concen: 41.10 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	81.0	24.1	36.1#
89	57.2	28.9	43.3#





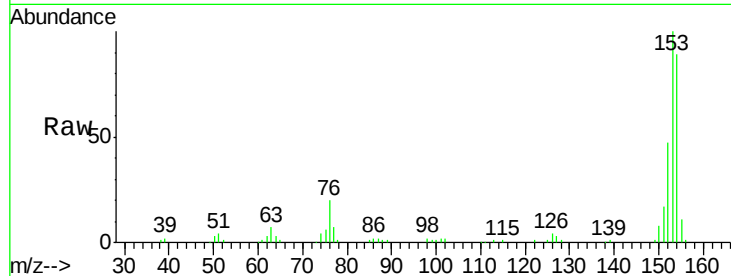
#51
Acenaphthene
Concen: 39.34 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.4	137.2
152	52.6	43.0	64.6

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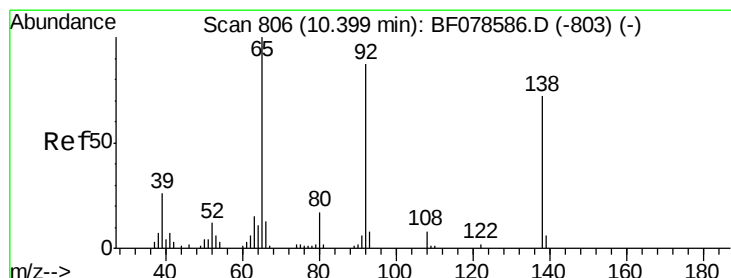
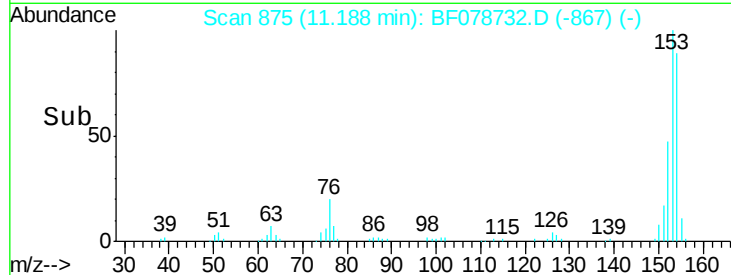
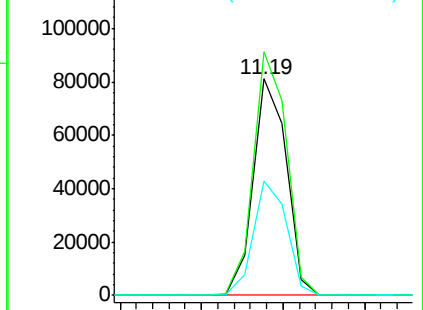


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 29.43 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

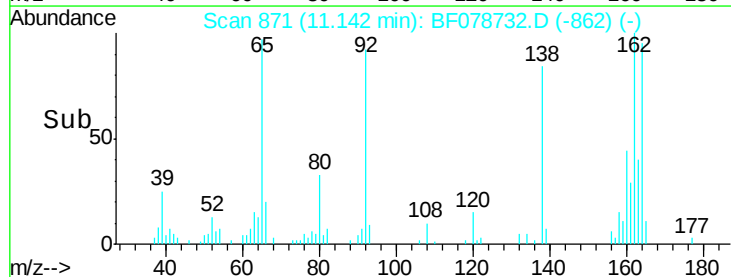
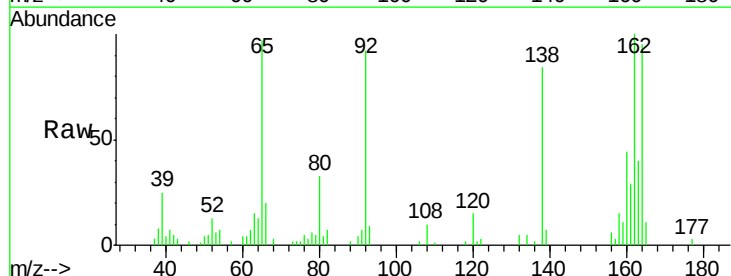
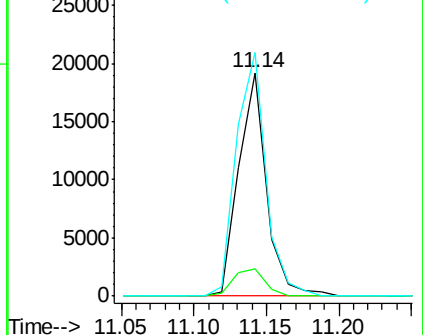
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.3	8.2	12.4
92	108.8	88.4	132.6

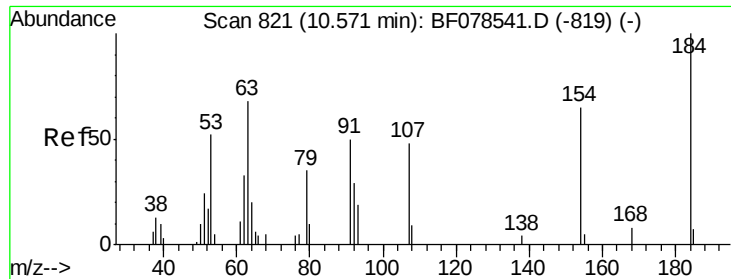
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





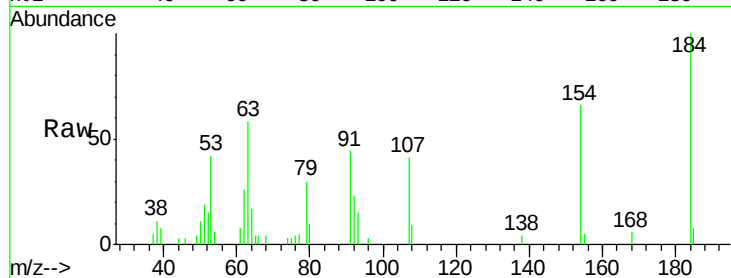
#53
2,4-Dinitrophenol
Concen: 73.46 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

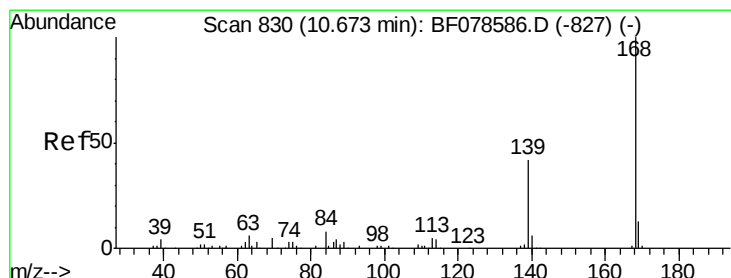
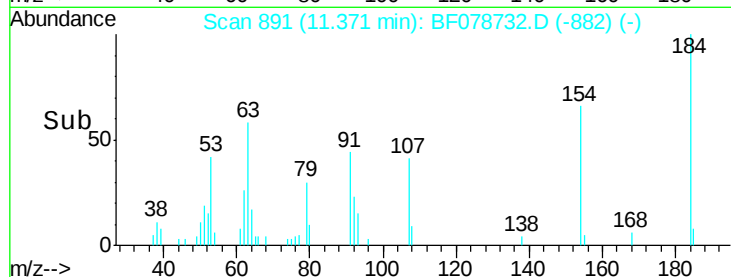
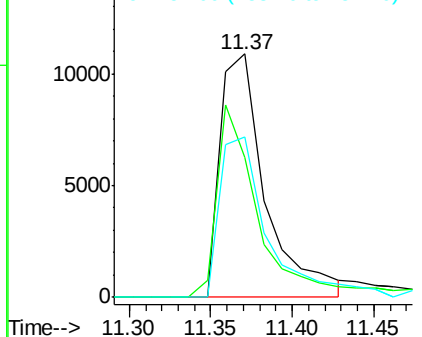
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.7	51.9	77.9
154	66.0	51.0	76.4

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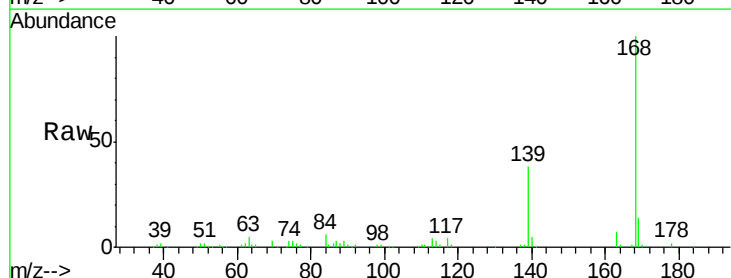


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

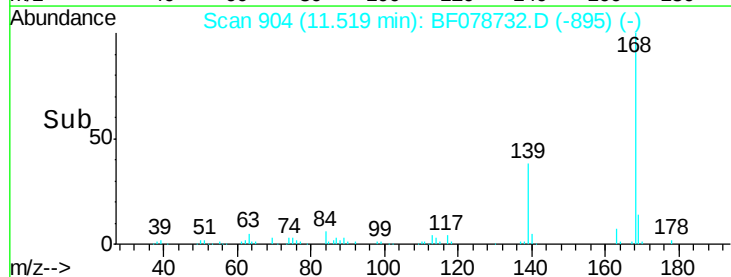
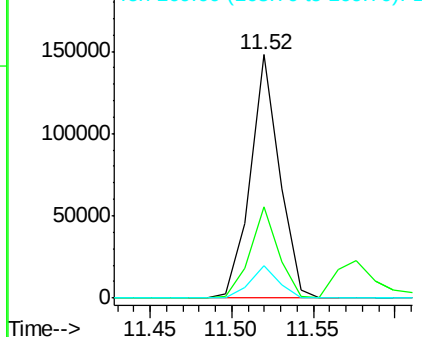


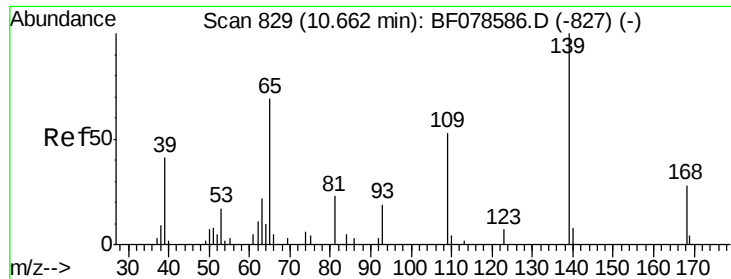
#54
Dibenzofuran
Concen: 41.47 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.4
169	13.5	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





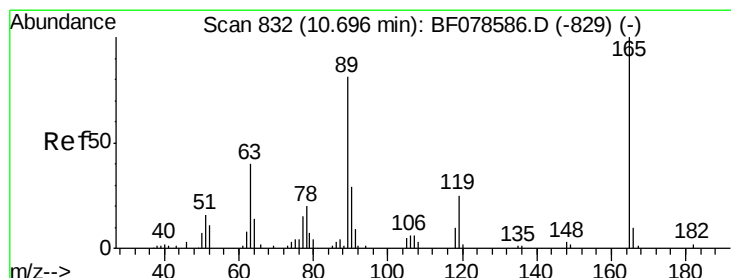
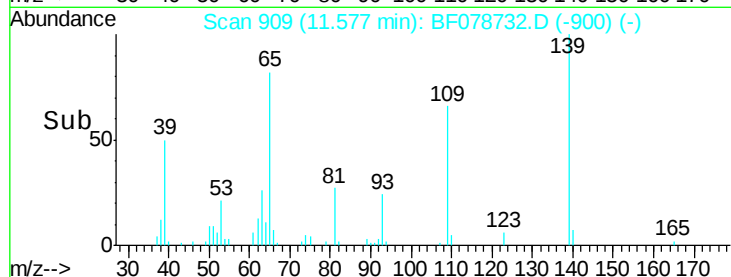
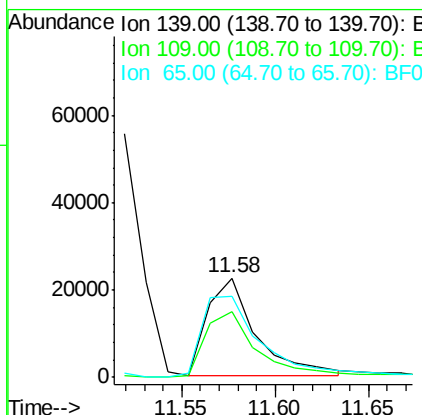
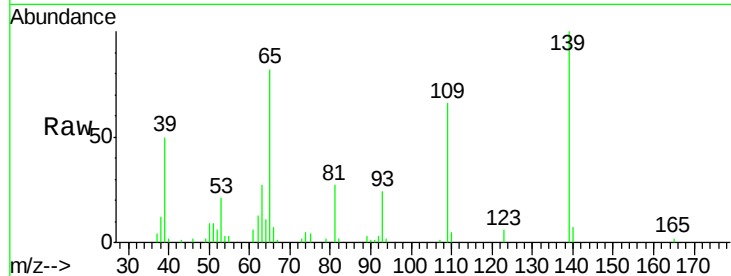
#55
4-Nitrophenol
Concen: 64.65 ng
RT: 11.58 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	41178		
109	66.3	36.7	76.7	
65	82.1	49.9	89.9	

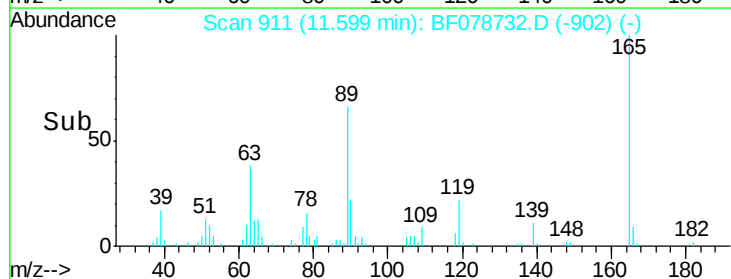
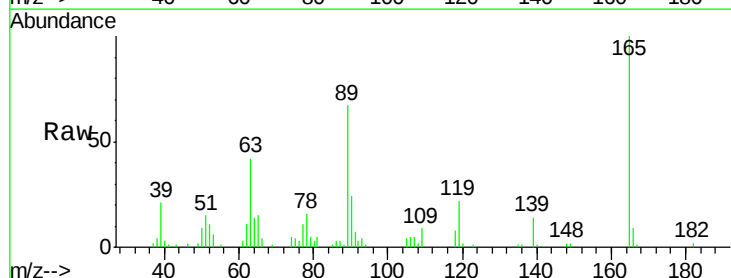
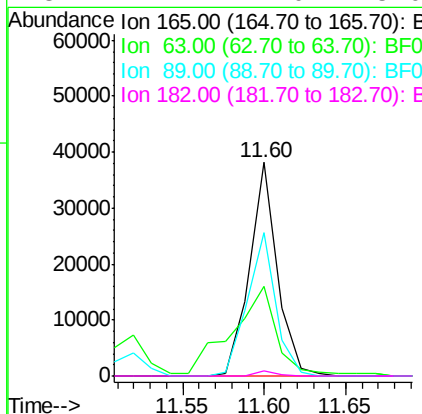
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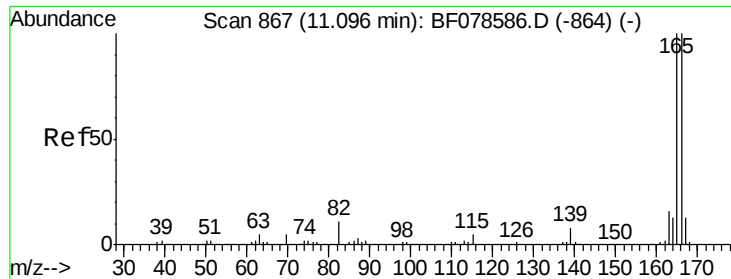
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#56
2,4-Dinitrotoluene
Concen: 45.53 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45244		
63	41.9	26.5	39.7#	
89	67.1	46.4	69.6	
182	2.4	2.0	3.0	





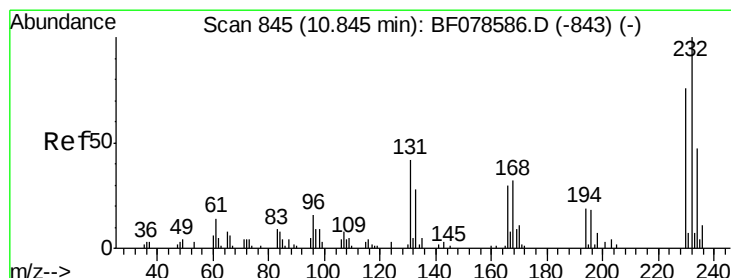
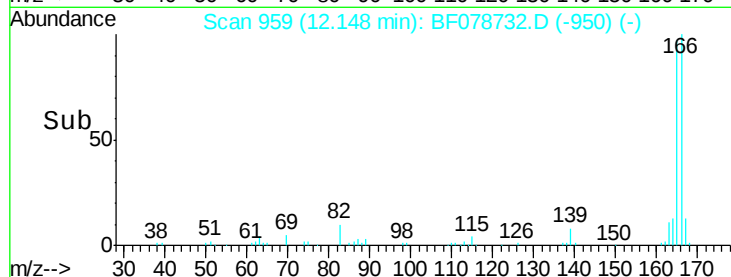
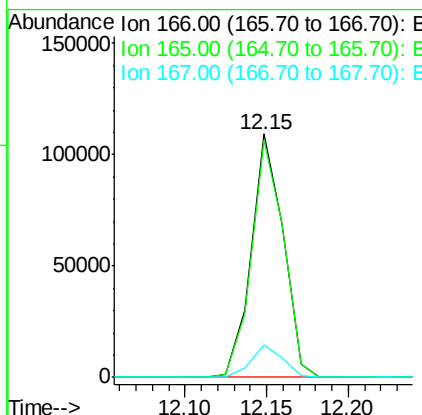
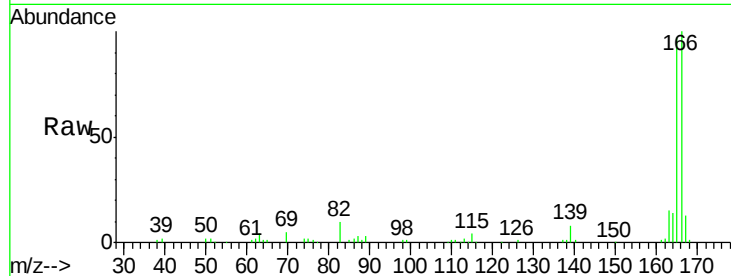
#57
Fluorene
 Concen: 41.38 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	148795		
165	97.4	78.9	118.3	
167	13.5	10.7	16.1	

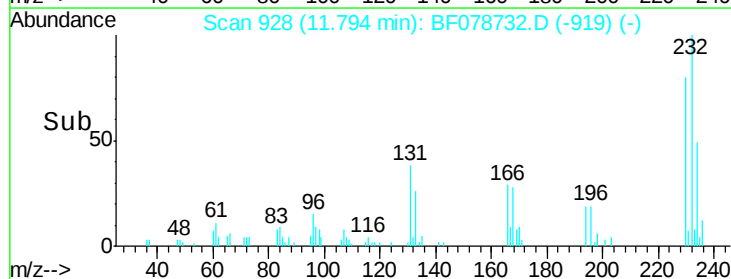
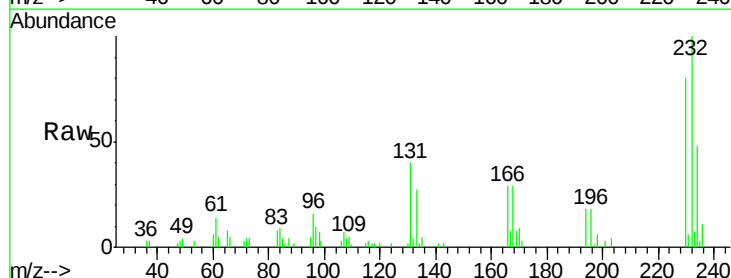
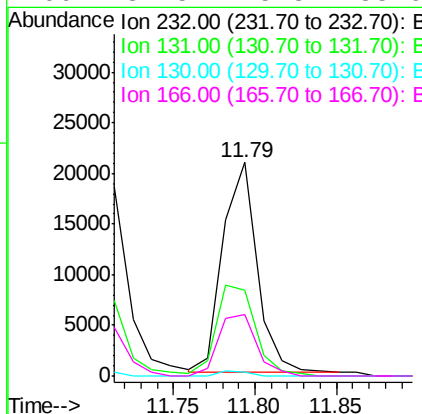
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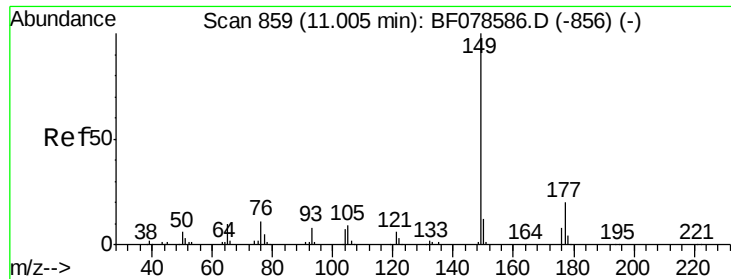
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.29 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	30270		
131	49.4	37.8	56.8	
130	2.0	1.5	2.3	
166	32.5	25.8	38.6	





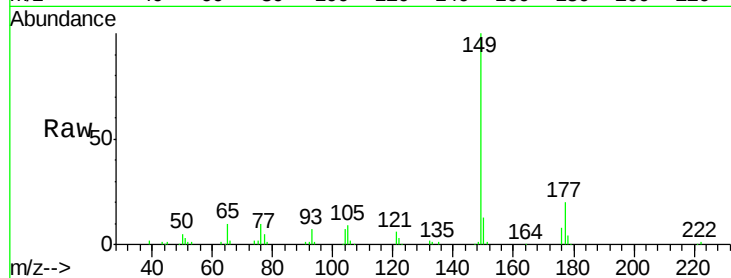
#59
Diethylphthalate
Concen: 41.33 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampled :
PB82930BSD

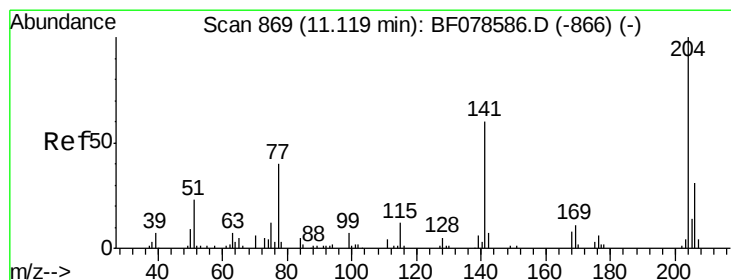
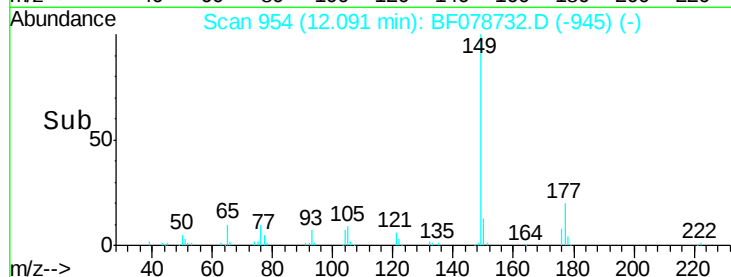
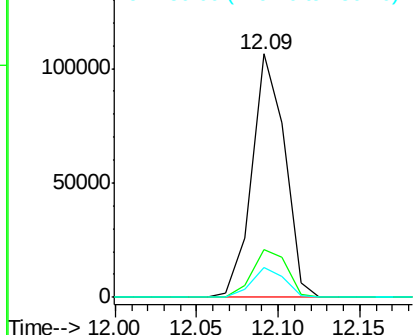
Tot Ion	Ratio	Resp	Lower	Upper
149	100	148641		
177	19.7	17.4	26.2	
150	12.5	9.4	14.2	

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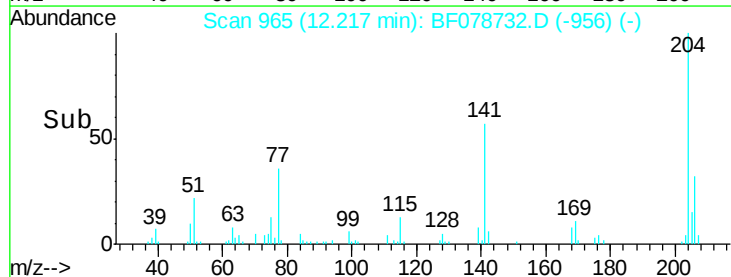
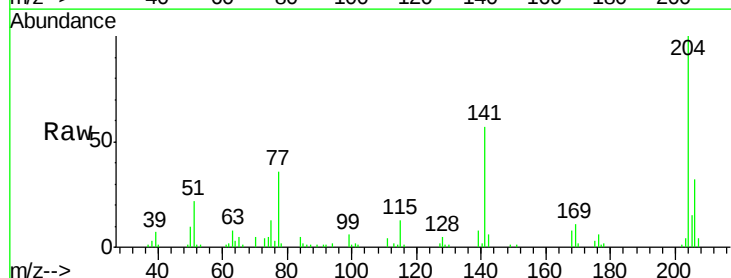
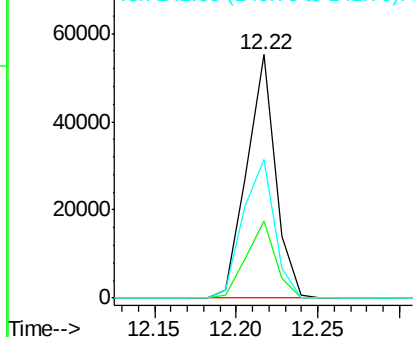
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

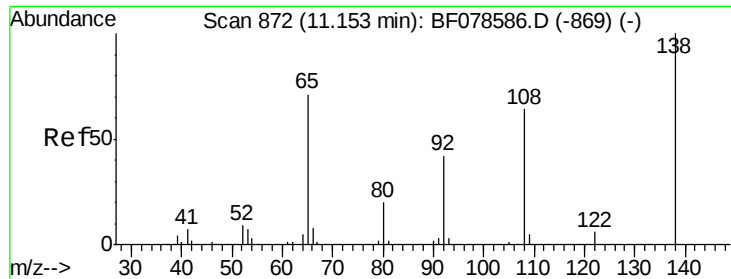


#60
4-Chlorophenyl-phenylether
Concen: 40.86 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	67587		
206	31.9	25.6	38.4	
141	56.9	35.4	53.0	

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





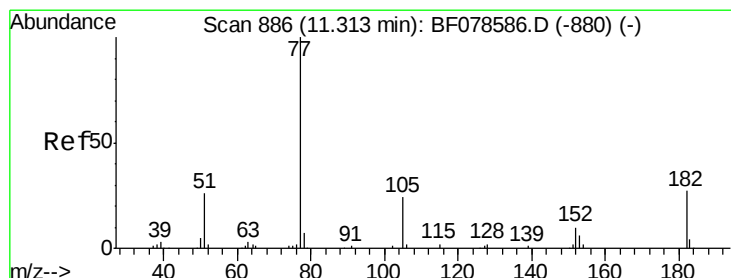
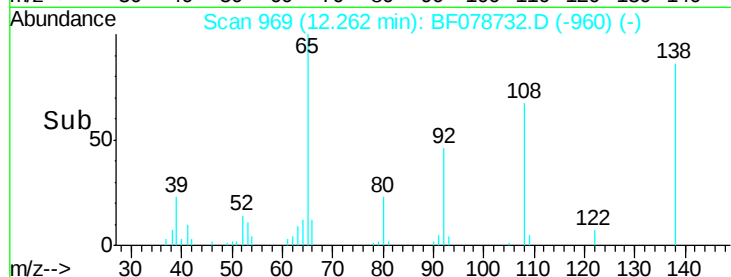
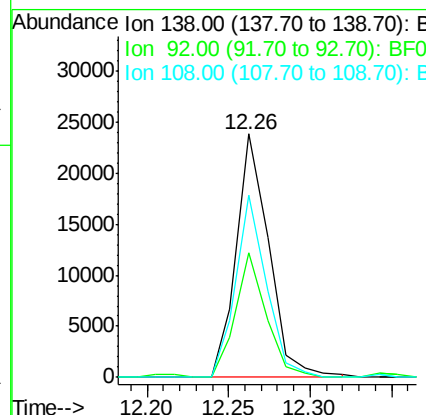
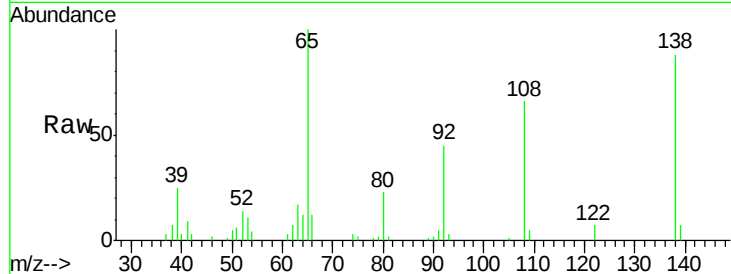
#61
 4-Nitroaniline
 Concen: 37.34 ng
 RT: 12.26 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion:	138	Resp:	32933
Ion Ratio	Lower	Upper	
138	100		
92	51.4	27.3	67.3
108	74.8	47.2	87.2

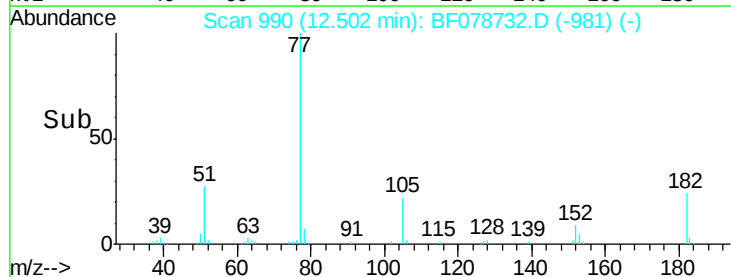
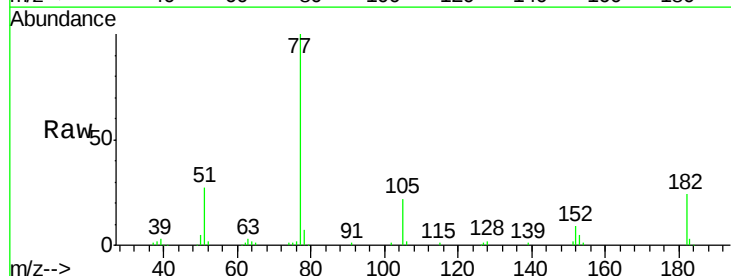
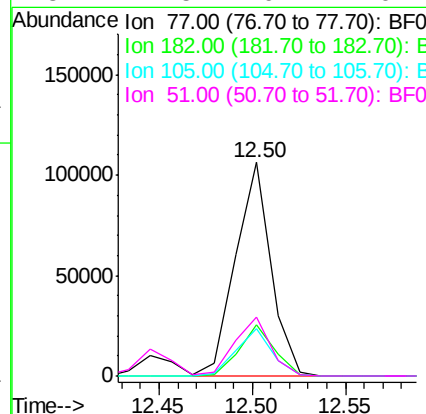
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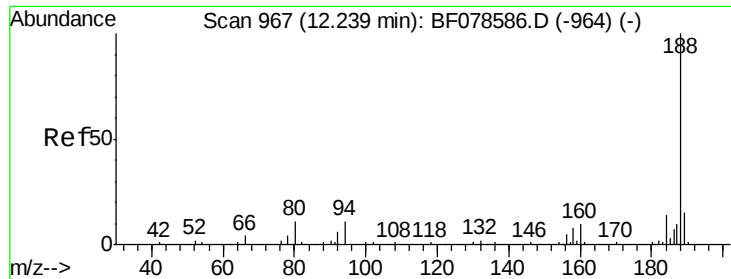
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#62
 Azobenzene
 Concen: 42.93 ng
 RT: 12.50 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion:	77	Resp:	140898
Ion Ratio	Lower	Upper	
77	100		
182	24.3	0.0	36.8
105	22.3	0.3	40.3
51	27.5	9.1	49.1





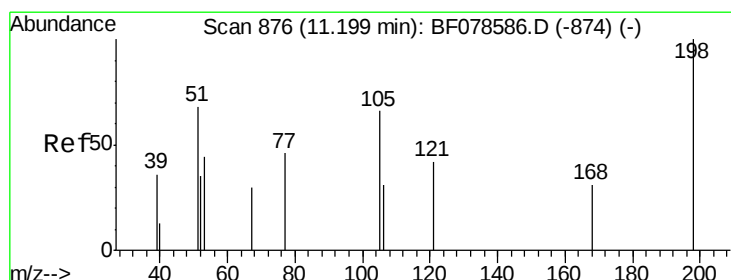
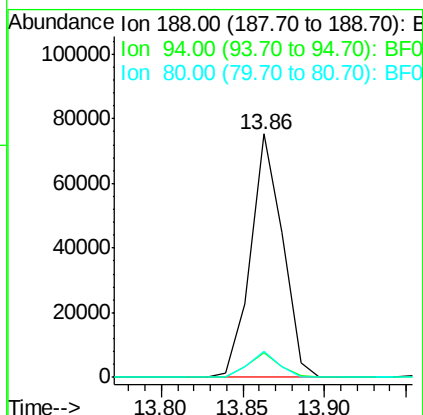
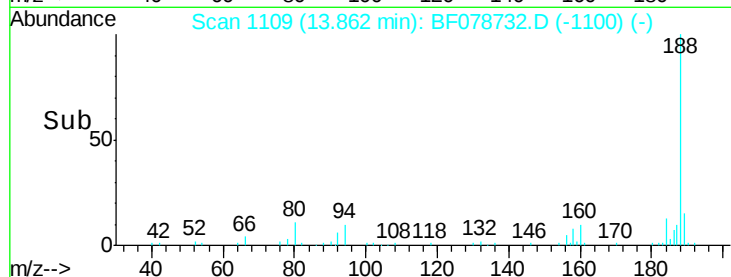
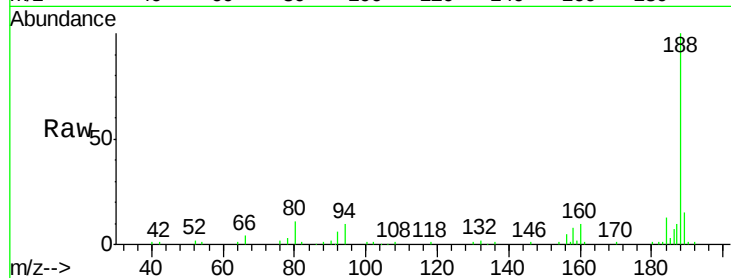
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.7	9.5	14.3

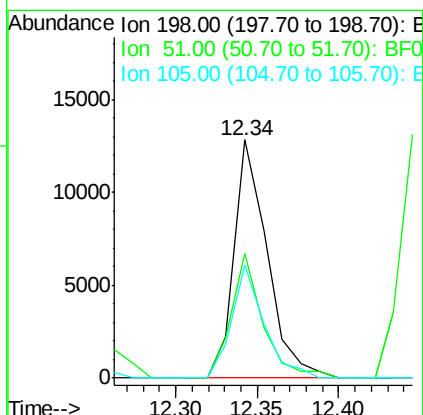
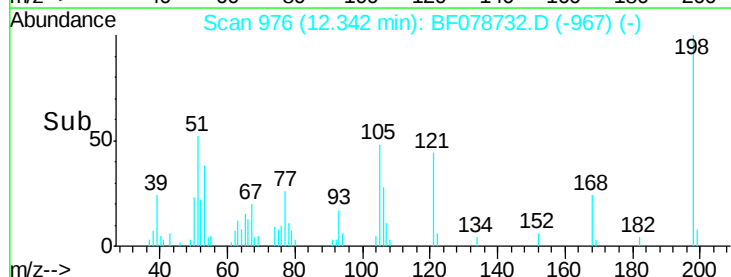
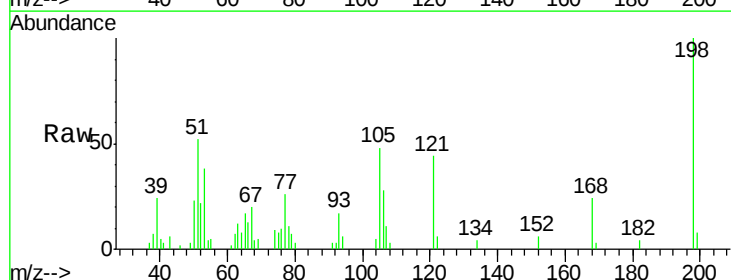
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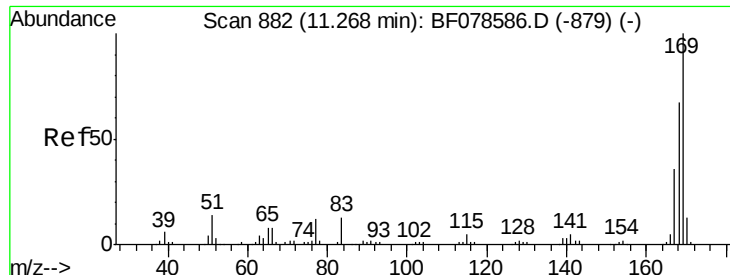
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.87 ng
RT: 12.34 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.4	48.6	88.6
105	47.6	45.8	85.8





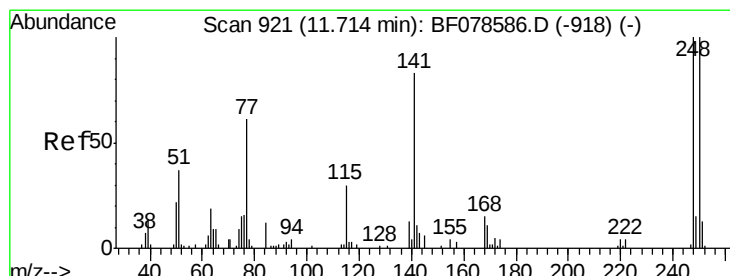
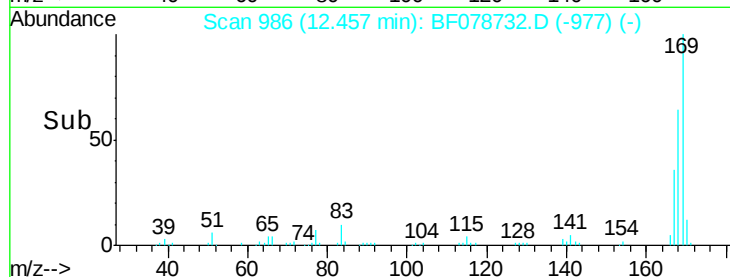
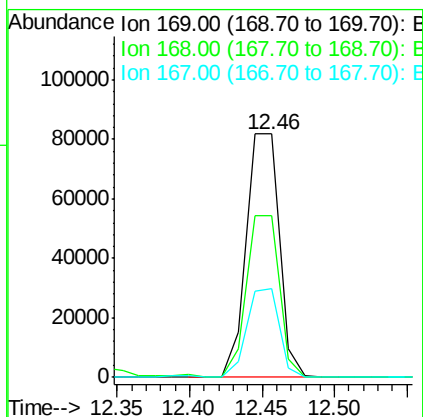
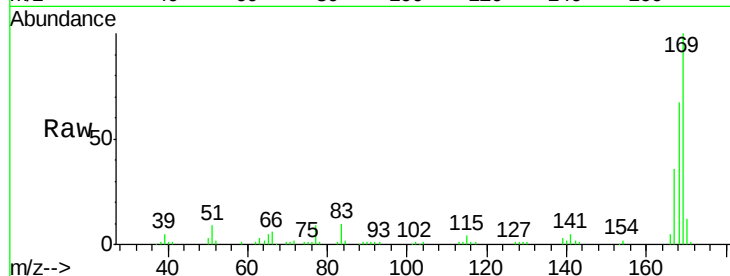
#65
 n-Nitrosodiphenylamine
 Concen: 36.91 ng
 RT: 12.46 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	129853		
168	66.6	55.0	82.4	
167	36.3	29.3	43.9	

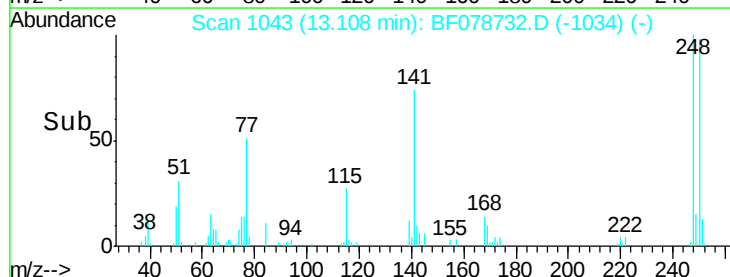
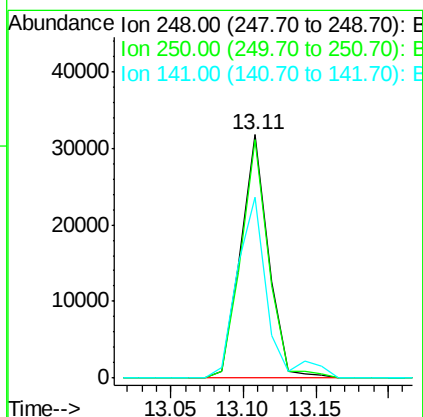
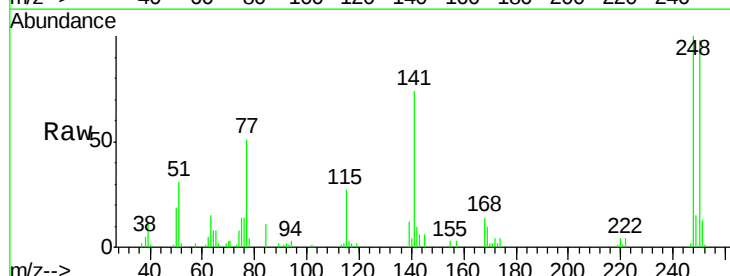
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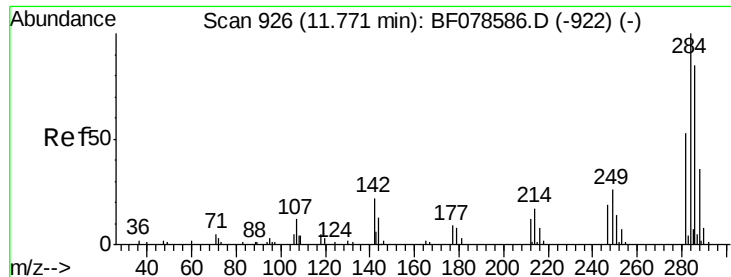
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#66
 4-Bromophenyl-phenylether
 Concen: 39.30 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	42335		
250	97.8	78.2	117.2	
141	74.3	66.4	99.6	





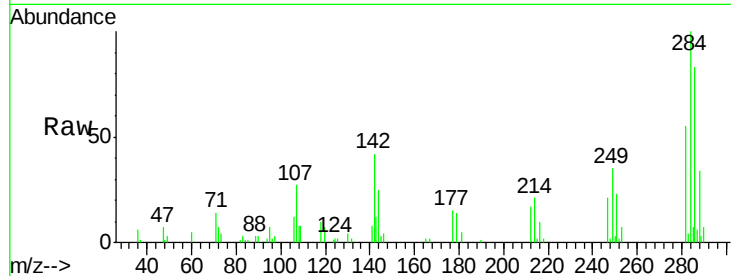
#67
Hexachlorobenzene
Concen: 36.98 ng
RT: 13.14 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

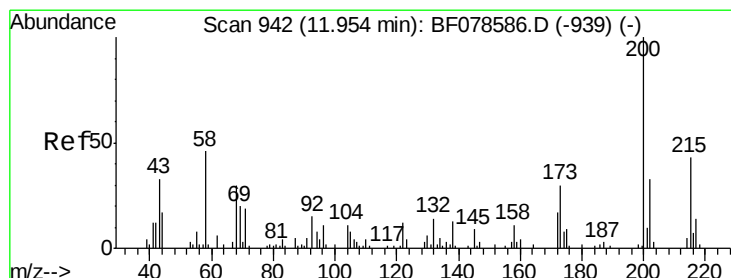
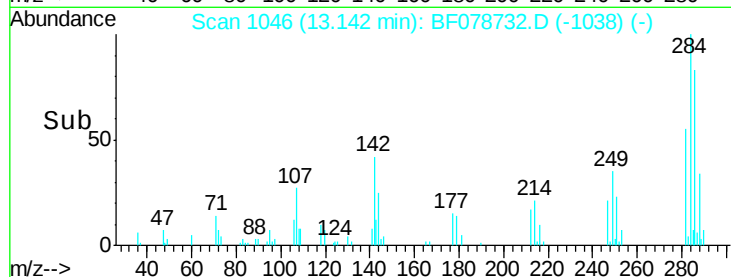
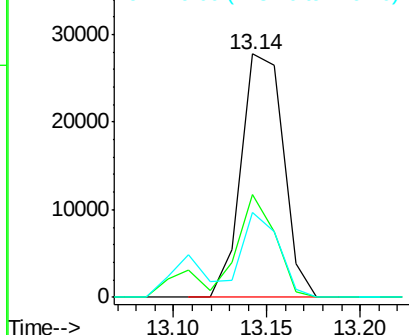
Tot Ion	Ratio	Resp	Lower	Upper
284	100	43651		
142	42.4	24.5	36.7	#
249	35.1	24.8	37.2	

Manual Integrations
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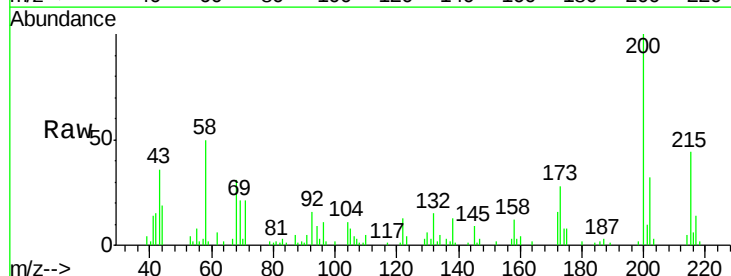


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

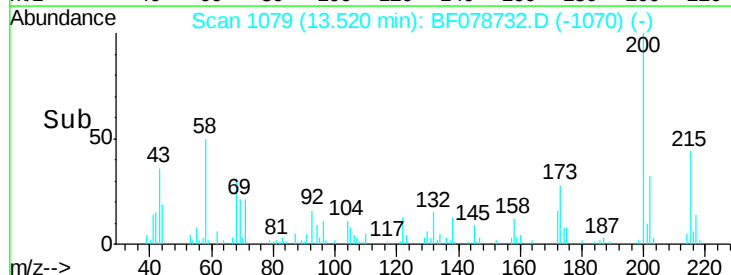
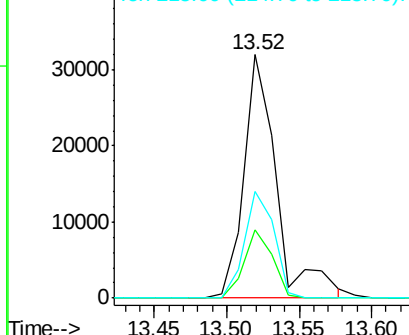


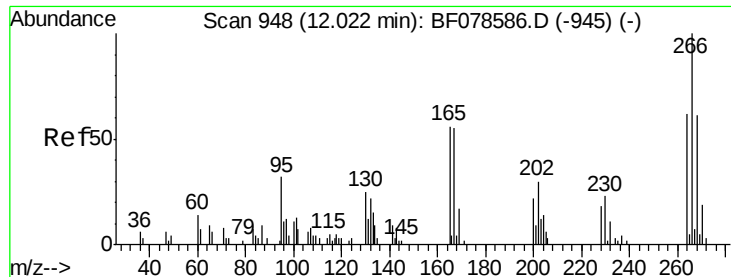
#68
Atrazine
Concen: 48.81 ng
RT: 13.52 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	49739		
173	27.9	6.9	46.9	
215	43.7	27.1	67.1	



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





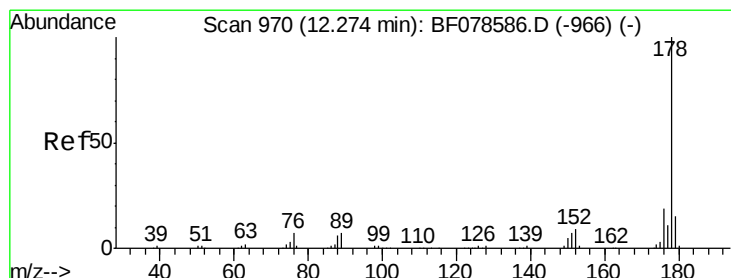
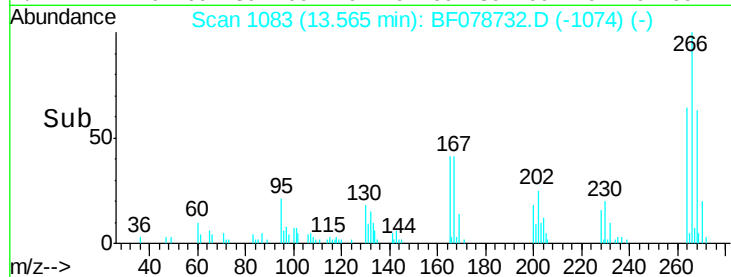
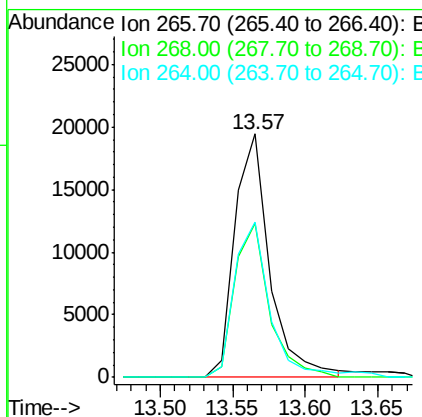
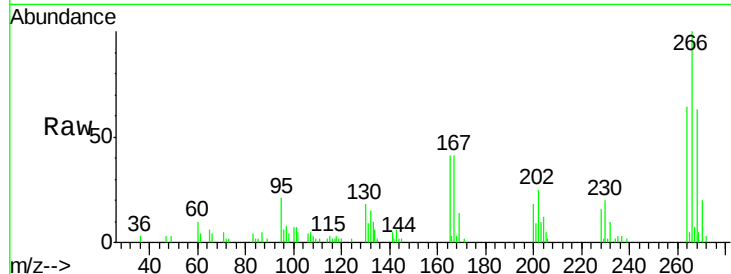
#69
 Pentachlorophenol
 Concen: 63.92 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion:	266	Resp:	32553
Ion Ratio	Lower	Upper	
266	100		
268	63.5	50.1	75.1
264	63.9	50.0	75.0

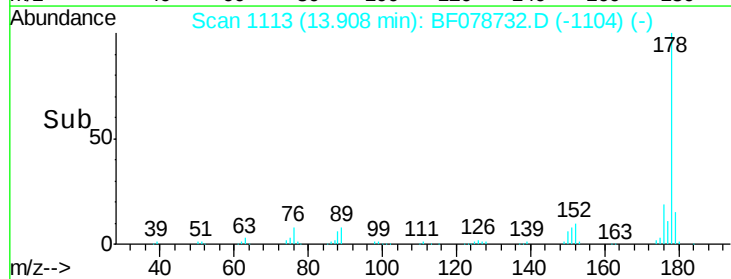
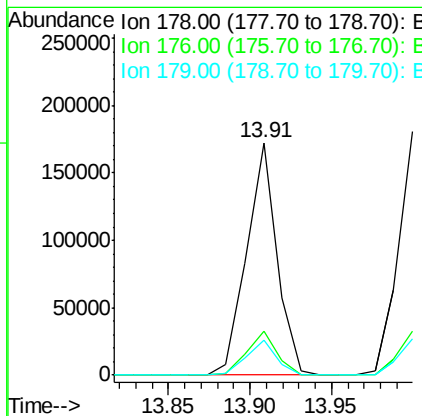
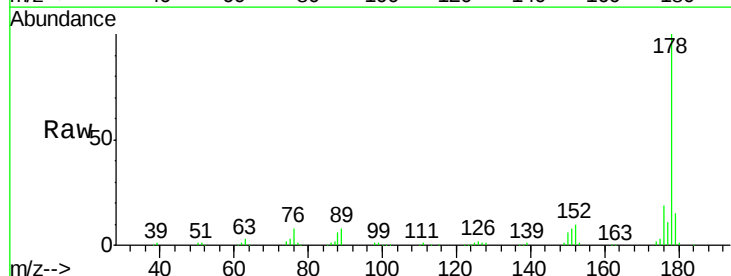
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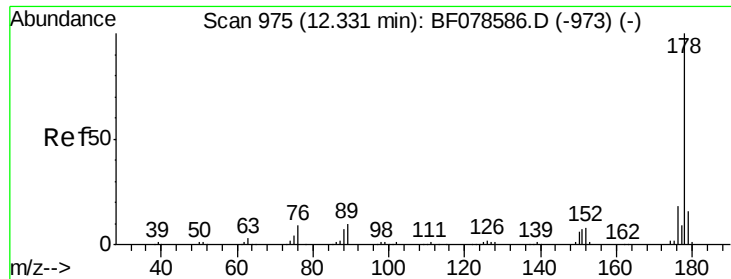
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#70
 Phenanthrene
 Concen: 37.79 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion:	178	Resp:	222307
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	15.0	12.2	18.2





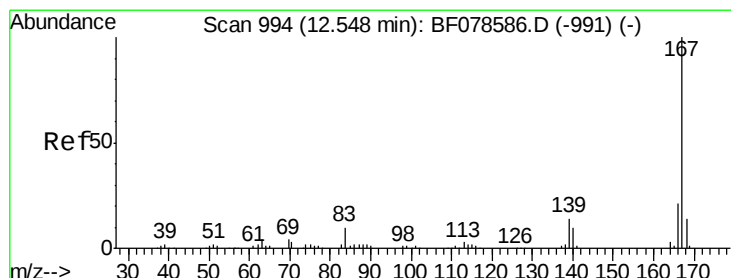
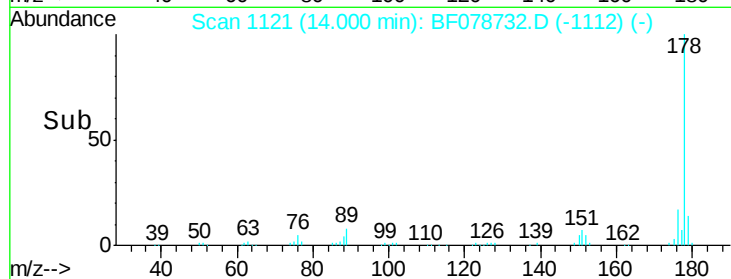
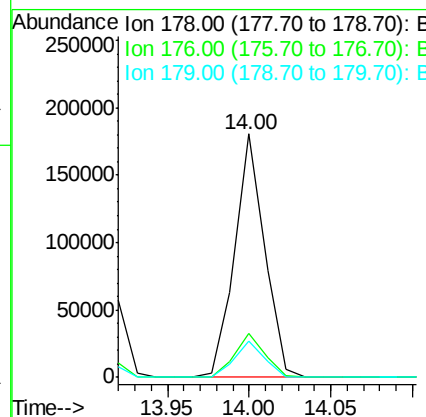
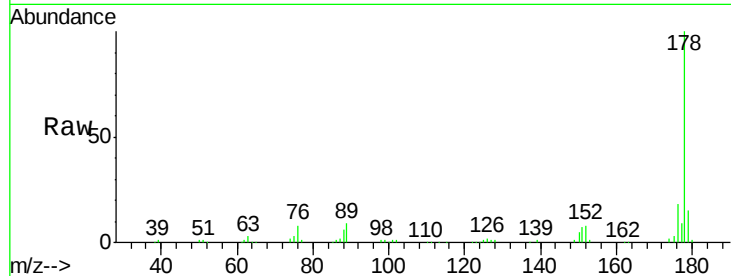
#71
 Anthracene
 Concen: 39.37 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		228270		
176	17.8		14.8	22.2	
179	15.0		12.4	18.6	

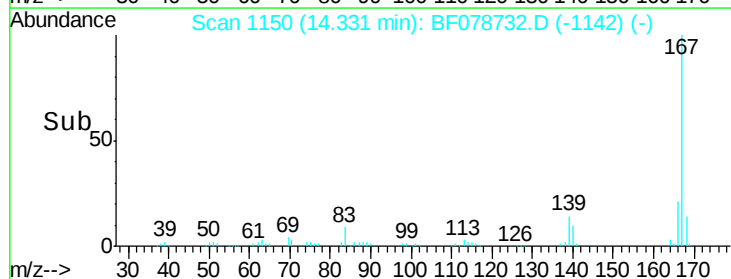
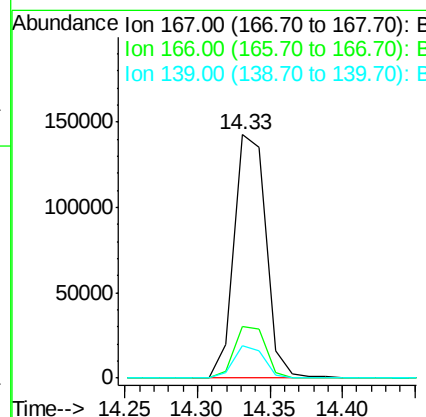
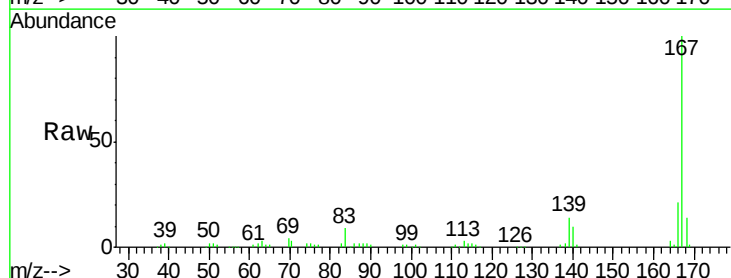
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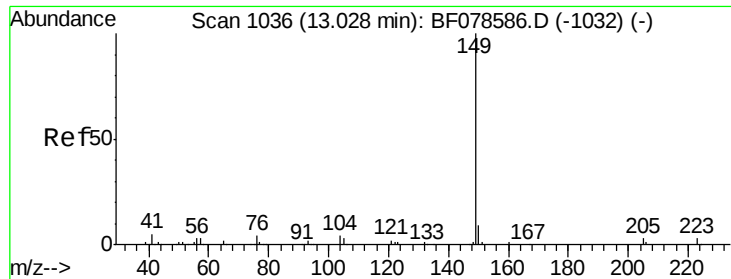
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#72
 Carbazole
 Concen: 40.20 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		218405		
166	21.2		16.8	25.2	
139	13.5		10.0	15.0	





#73

Di-n-butylphthalate

Concen: 41.60 ng

RT: 15.03 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

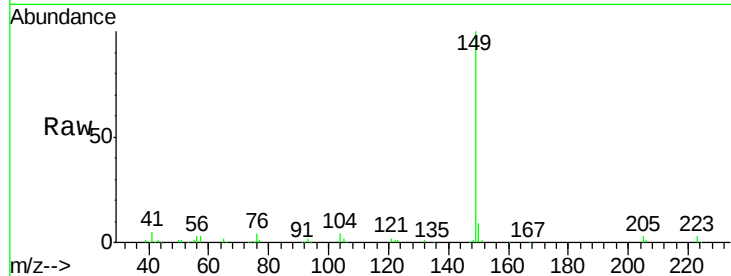
ClientSampleId :

PB82930BSD

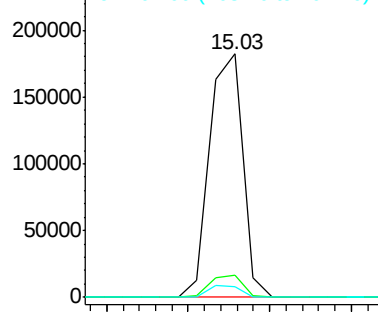
Tot Ion:	149	Resp:	256038
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.2	3.8	5.6

Manual Integrations
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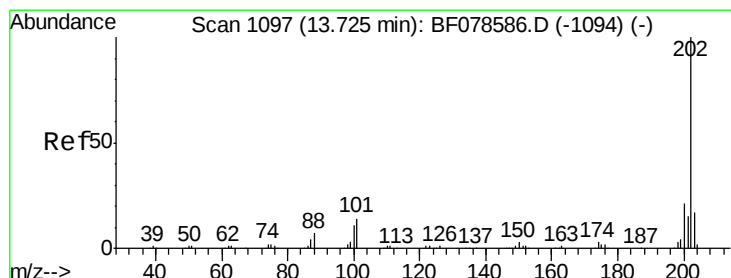
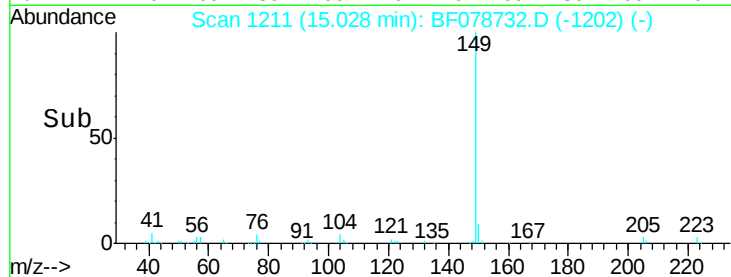
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 14.95 15.00 15.05 15.10



#74

Fluoranthene

Concen: 41.01 ng

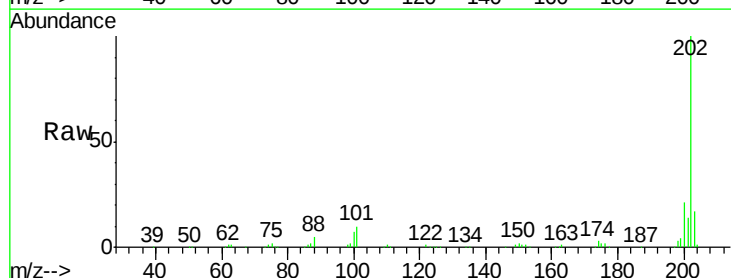
RT: 15.81 min Scan# 1279

Delta R.T. 0.00 min

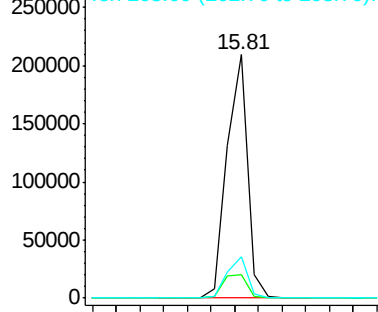
Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

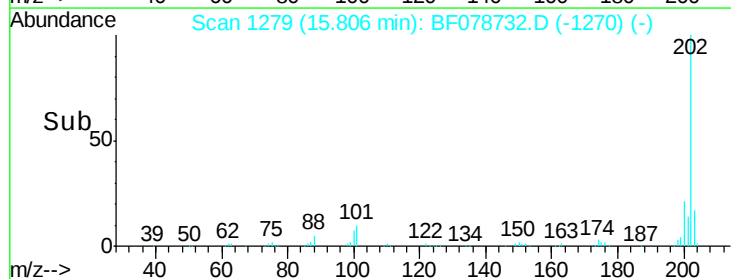
Tgt Ion:	202	Resp:	254469
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	35.2
203	17.1	0.0	38.5

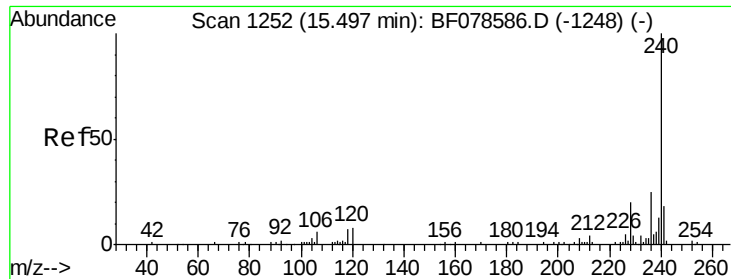


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 15.70 15.80 15.90





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

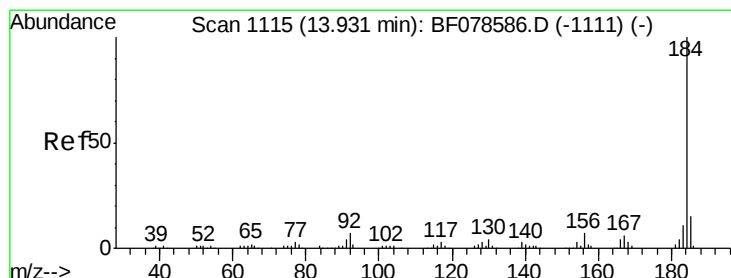
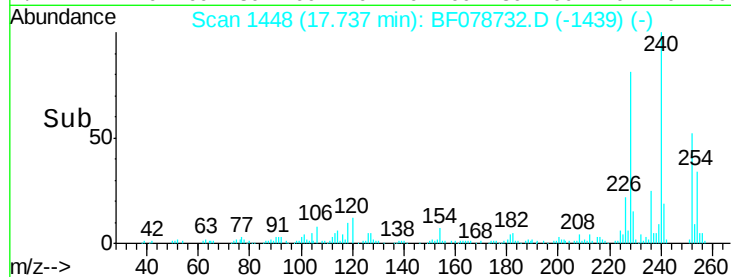
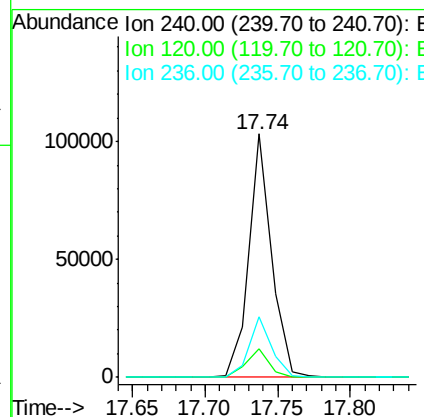
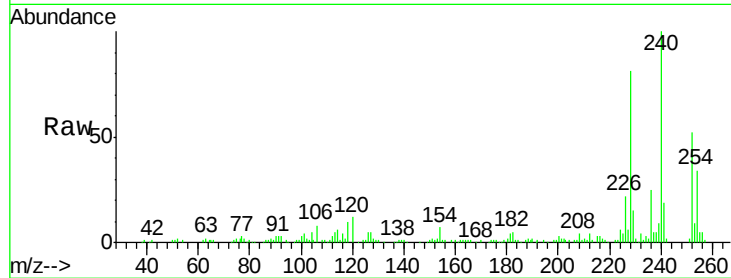
ClientSampleId :

PB82930BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.8	7.1	10.7#
236	25.0	21.4	32.2

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#76

Benzidine

Concen: 23.40 ng

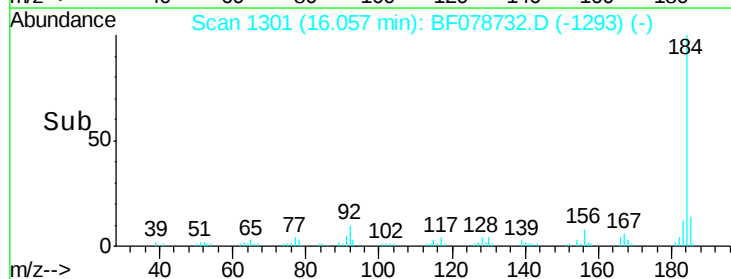
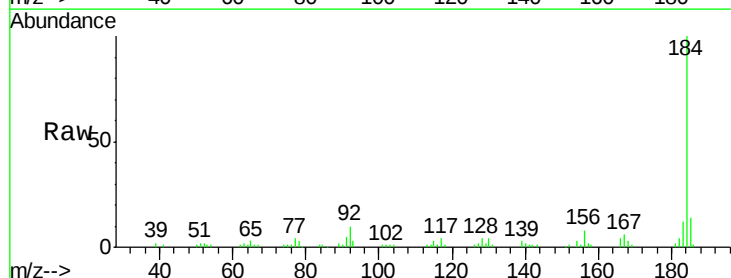
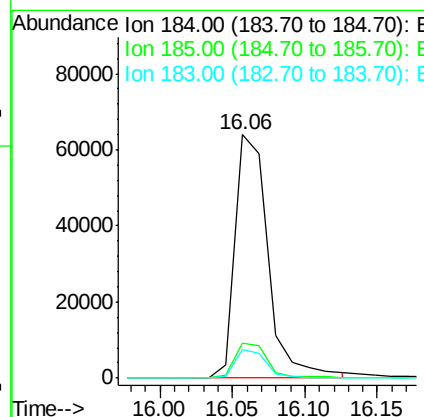
RT: 16.06 min Scan# 1301

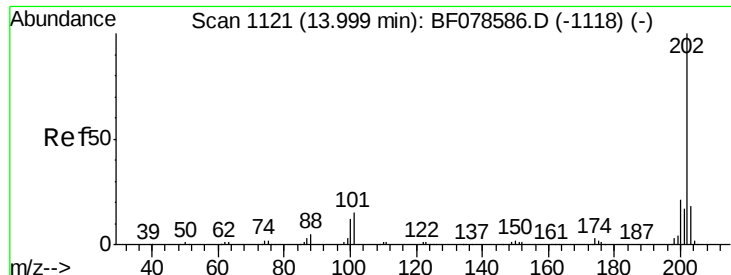
Delta R.T. -0.01 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.3	12.2	18.2
183	11.7	9.5	14.3





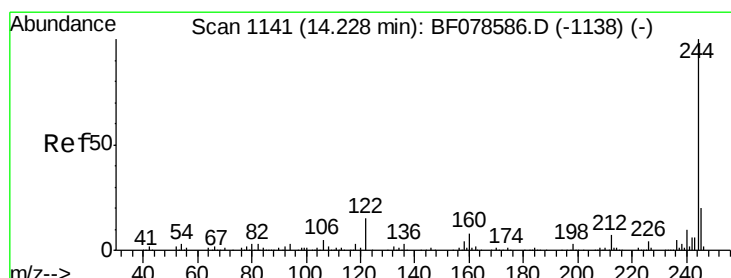
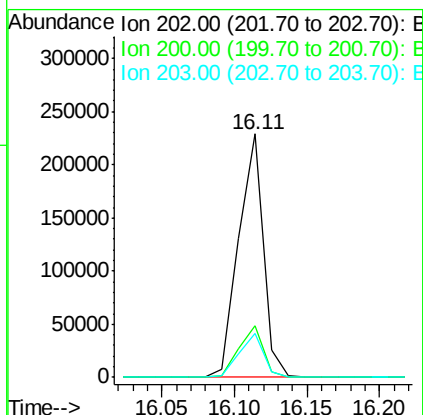
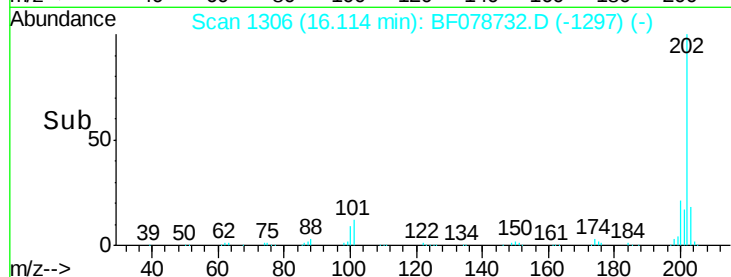
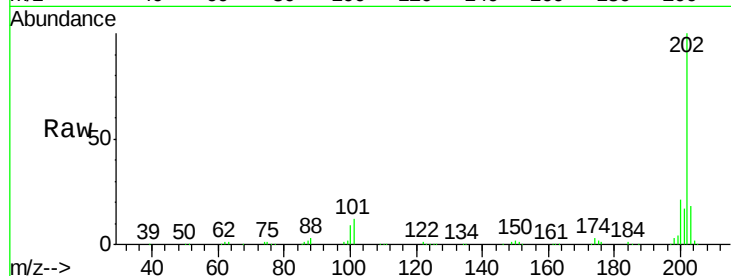
#77
 Pvrene
 Concen: 38.42 ng
 RT: 16.11 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		270799		
200	21.1	16.3	24.5		
203	18.1	13.8	20.6		

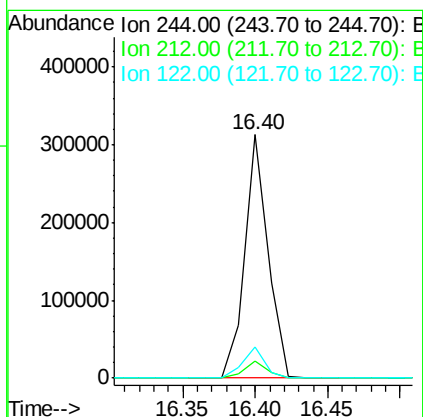
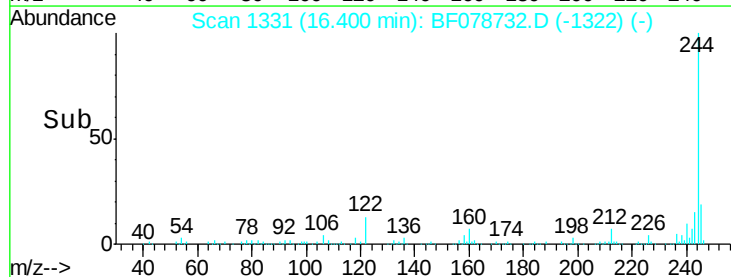
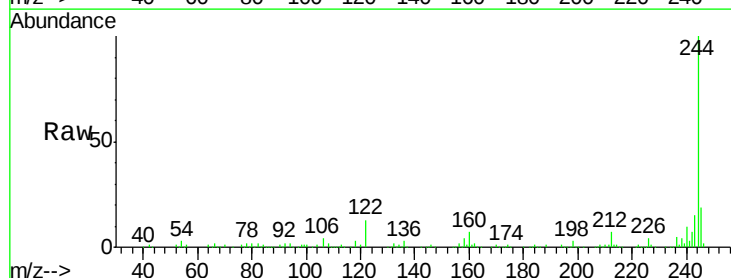
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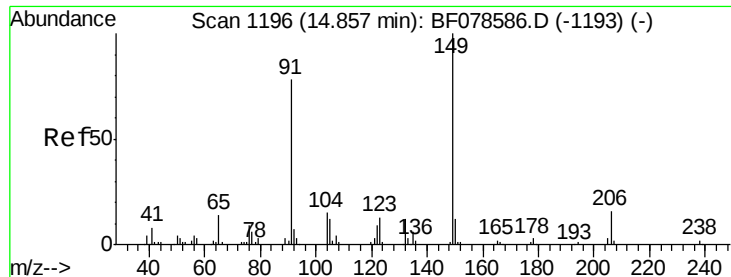
apatel
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#78
 Terphenyl-d14
 Concen: 70.20 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		348849		
212	7.0	5.0	7.4		
122	12.7	7.1	10.7#		





#79

Butylbenzylphthalate

Concen: 44.63 ng

RT: 17.11 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

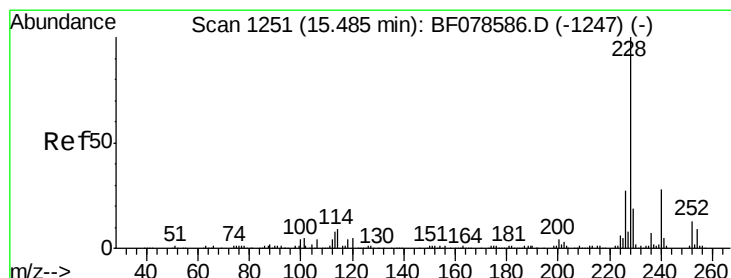
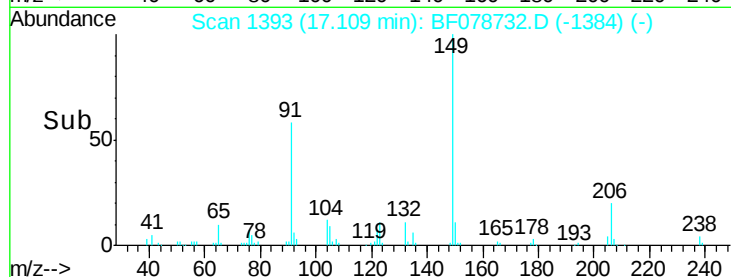
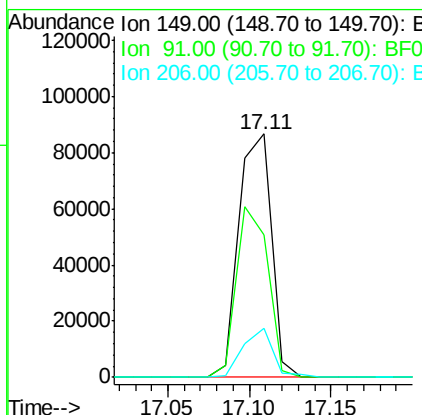
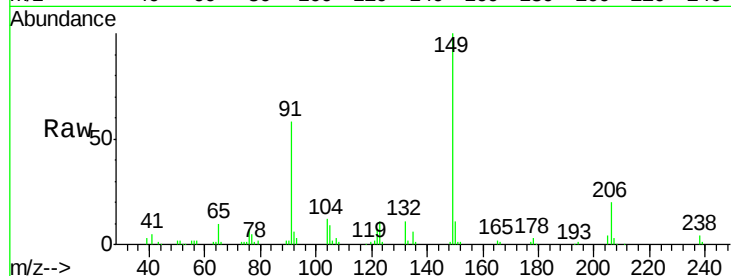
ClientSampleId :

PB82930BSD

Tot Ion:	149	Resp:	119904
Ion Ratio	Lower	Upper	
149	100		
91	58.4	64.2	96.2#
206	20.4	12.6	18.8#

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#80

Benzo(a)anthracene

Concen: 38.26 ng

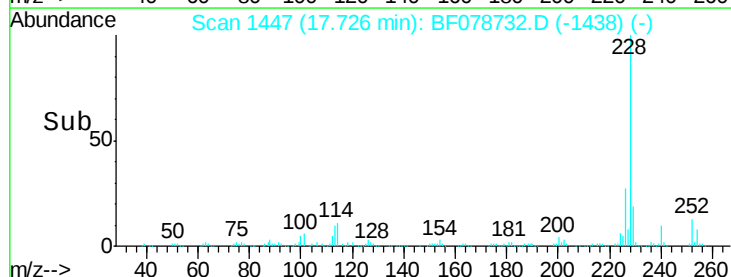
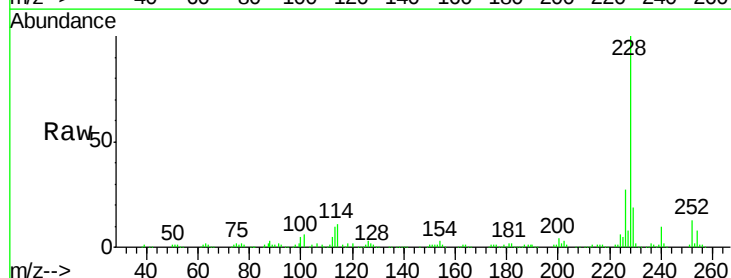
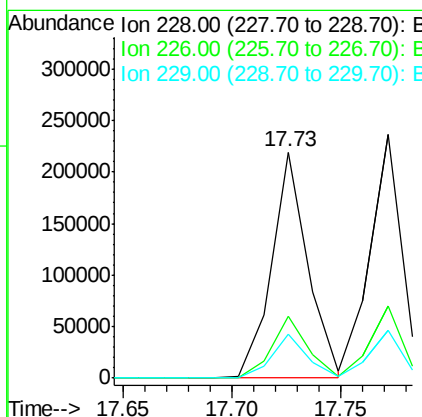
RT: 17.73 min Scan# 1447

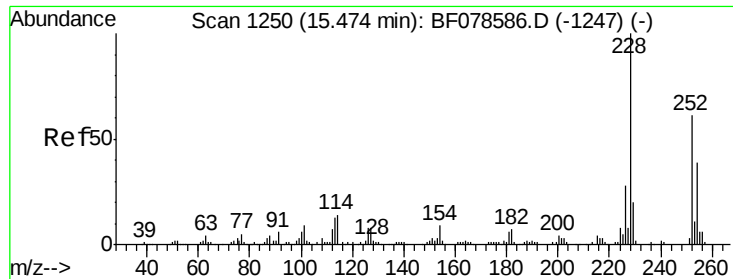
Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion:	228	Resp:	255602
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.3	31.9
229	19.4	15.4	23.2





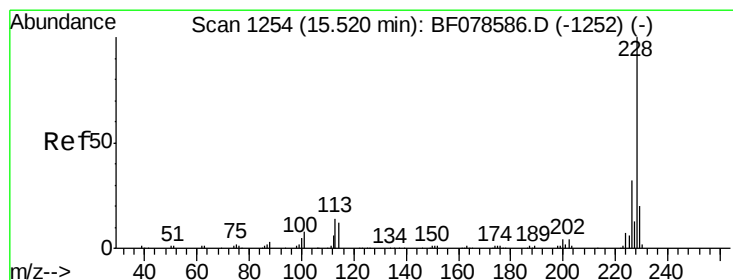
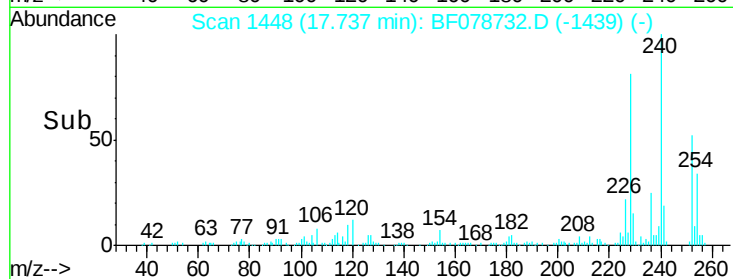
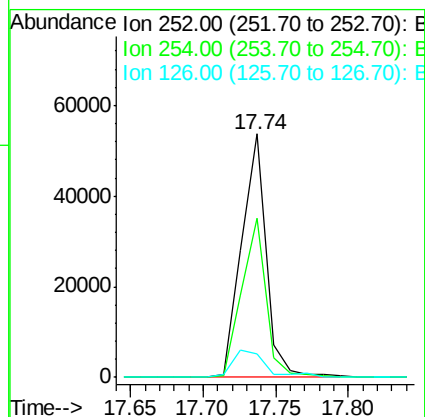
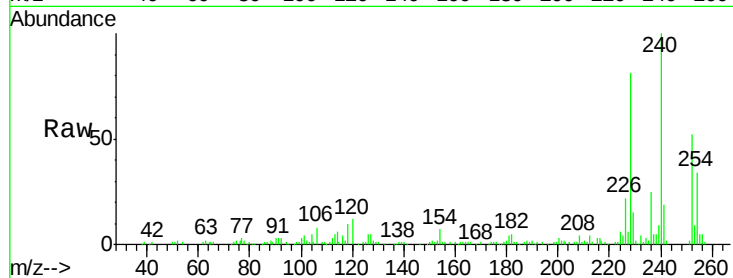
#81
 3,3'-Dichlorobenzidine
 Concen: 28.42 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	9.8	6.3	9.5

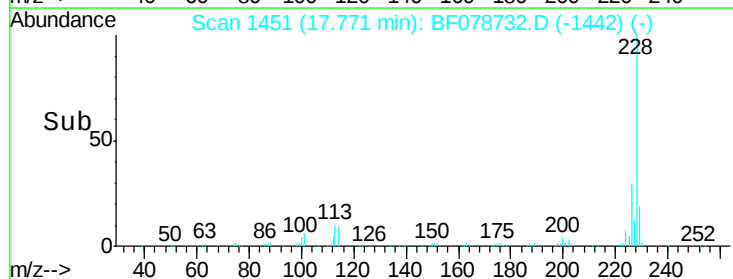
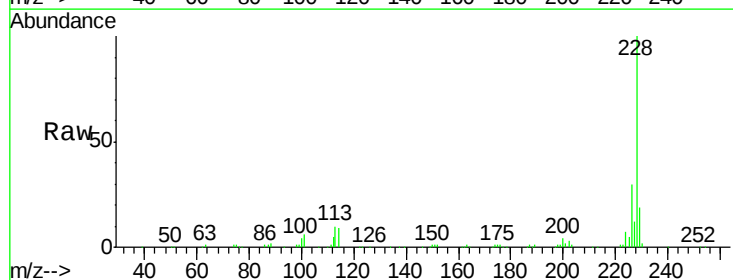
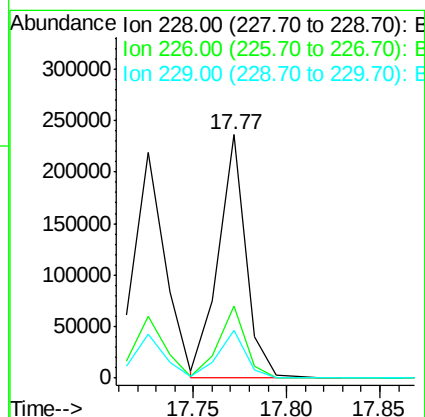
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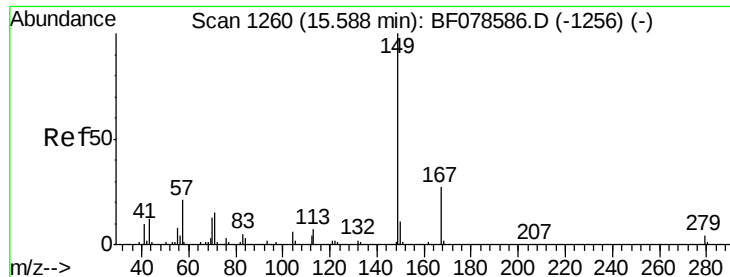
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#82
 Chrysene
 Concen: 38.76 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.4	15.8	23.8





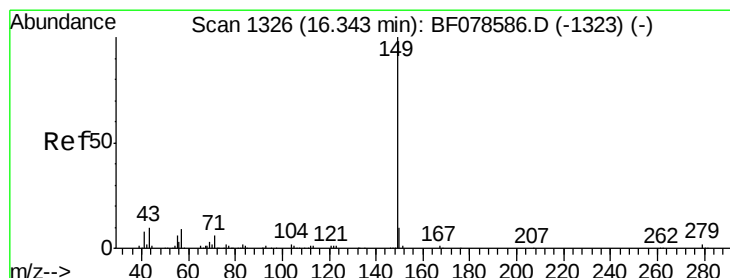
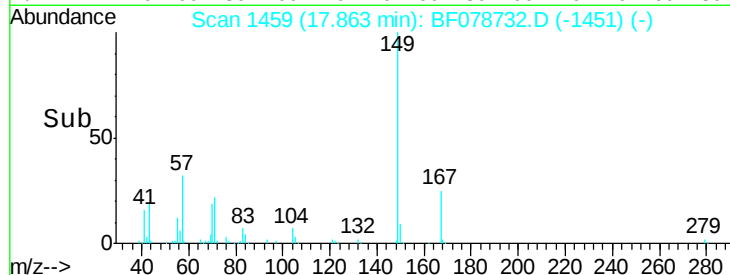
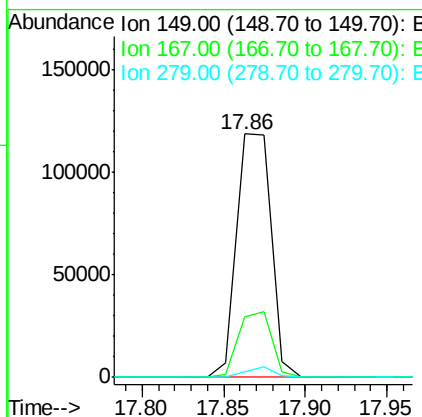
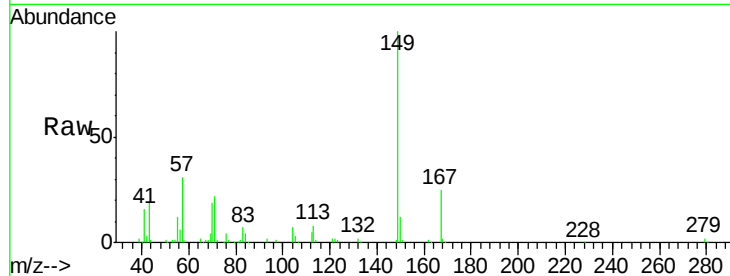
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.12 ng
 RT: 17.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173246		
167	24.7	22.2	33.2	
279	2.1	3.2	4.8#	

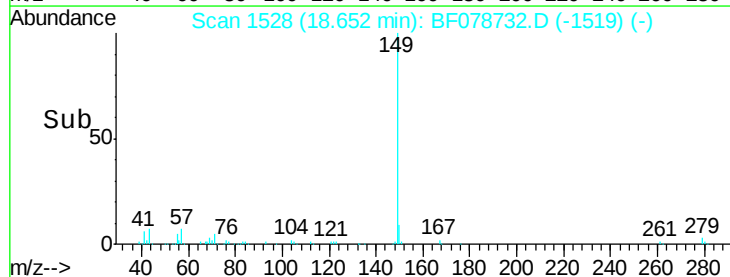
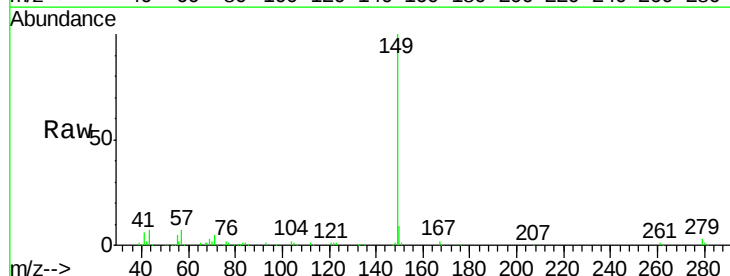
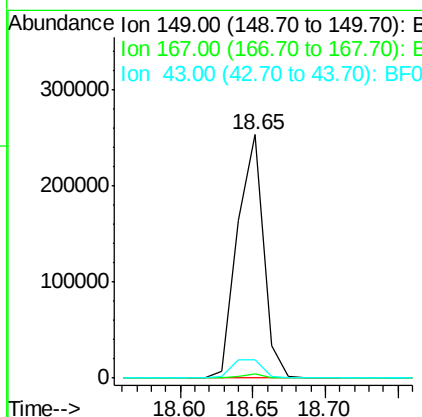
Manual Integrations
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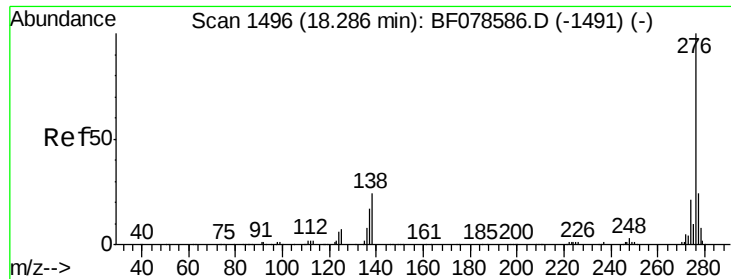
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#84
 Di-n-octyl phthalate
 Concen: 45.64 ng
 RT: 18.65 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	315788		
167	1.5	0.0	0.0#	
43	9.4	0.0	0.0#	





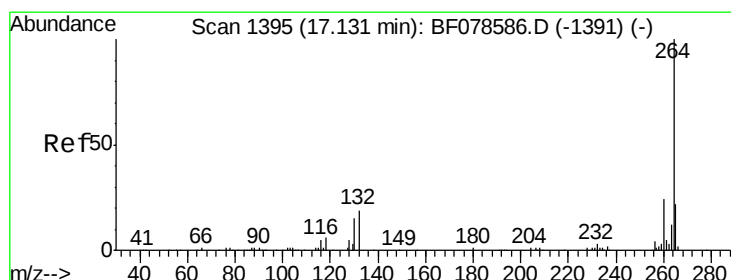
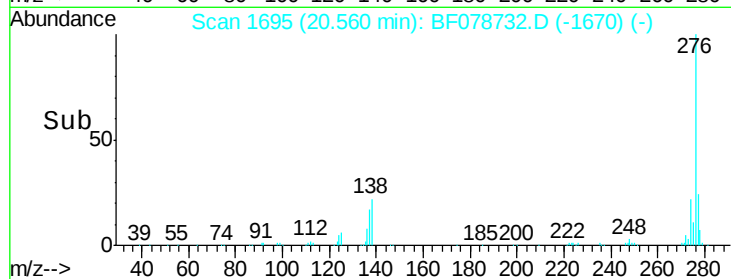
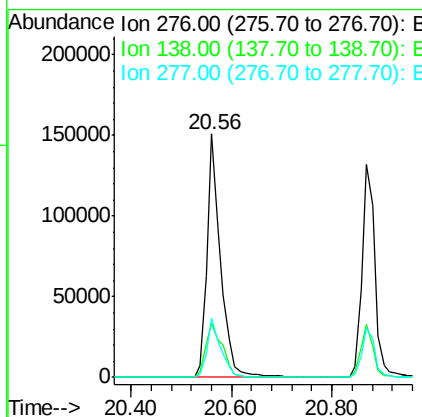
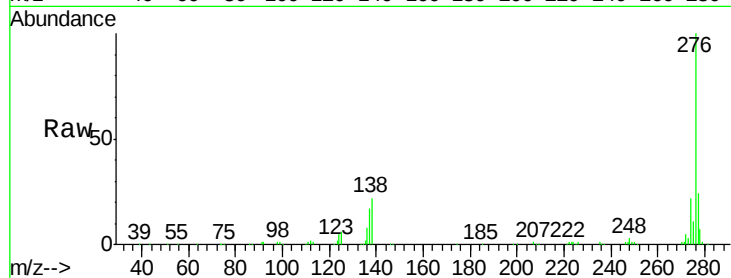
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.73 ng
 RT: 20.56 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	16.9	25.3#
277	24.6	15.8	23.6#

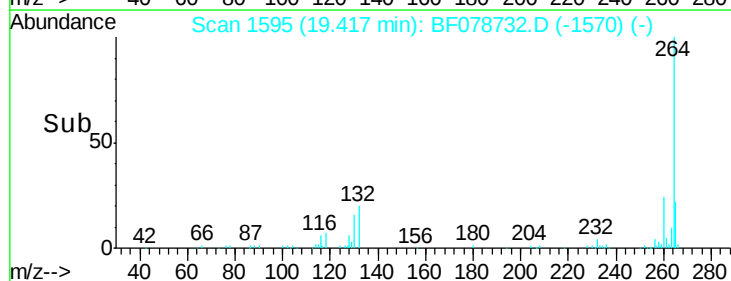
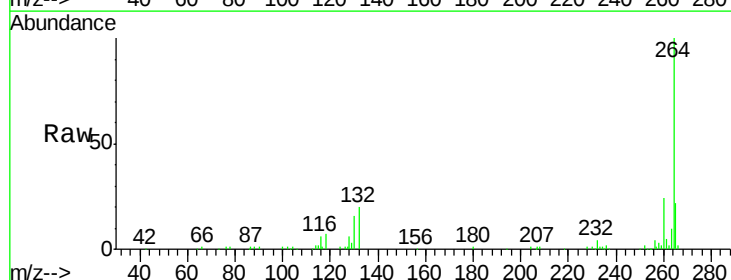
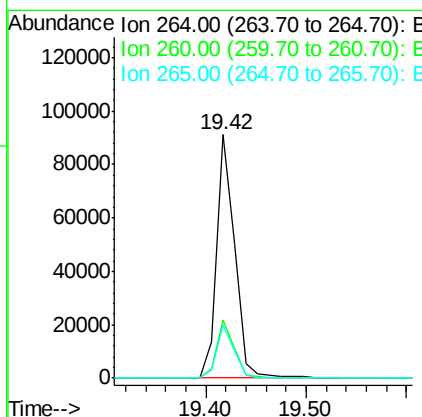
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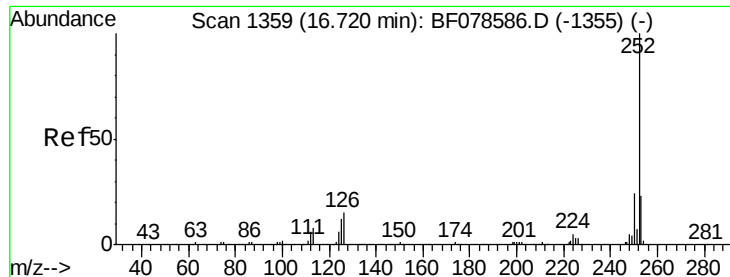
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.42 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 36.87 ng

RT: 19.01 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Instrument :

BNA_F

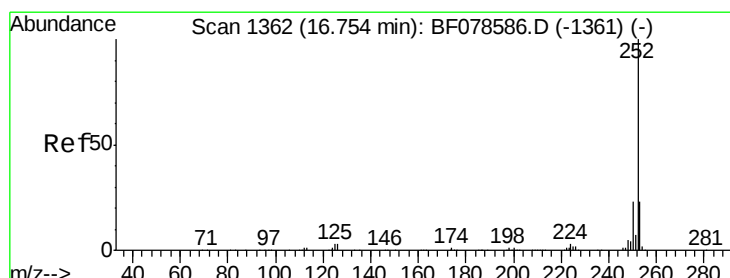
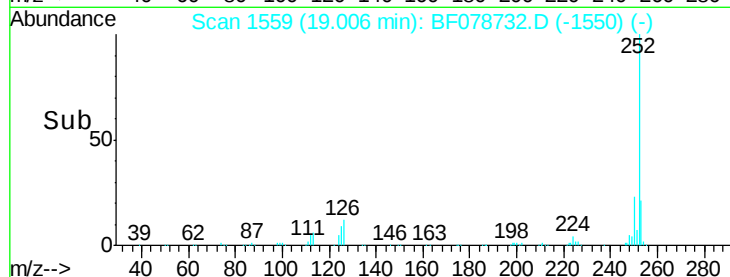
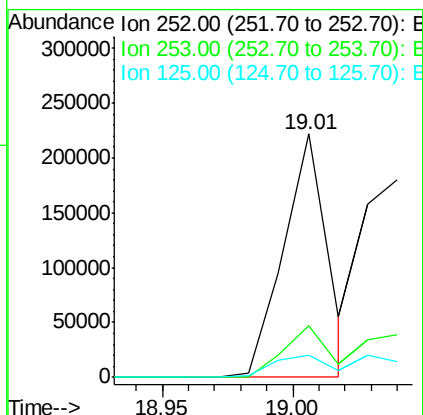
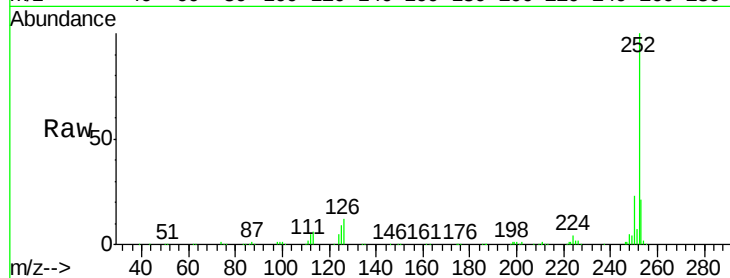
ClientSampleId :

PB82930BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.1	7.0	10.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.92 ng m

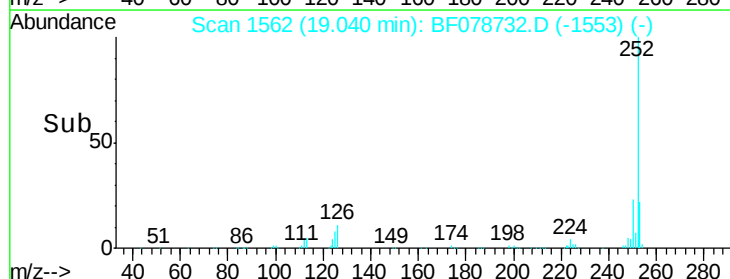
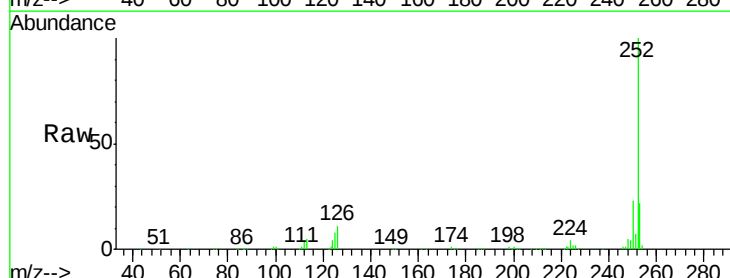
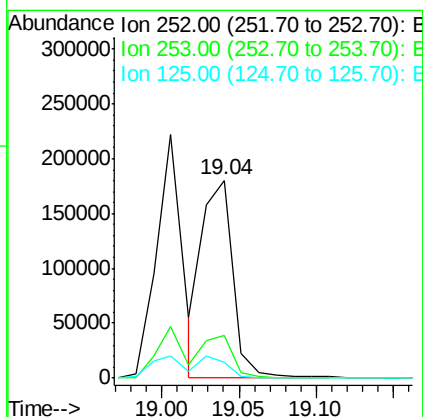
RT: 19.04 min Scan# 1562

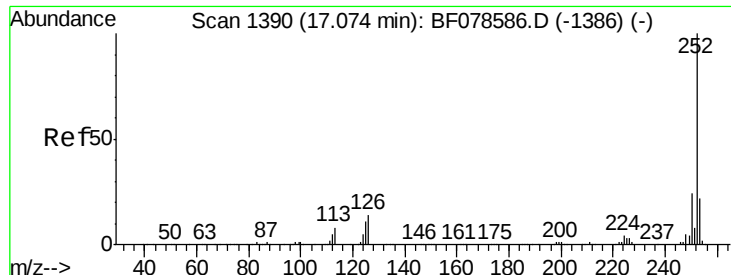
Delta R.T. 0.00 min

Lab File: BF078732.D

Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	7.9	11.6	17.4#





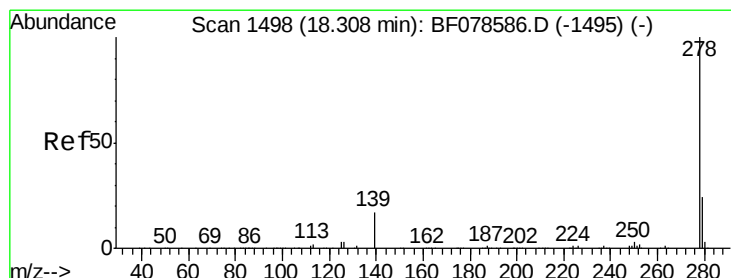
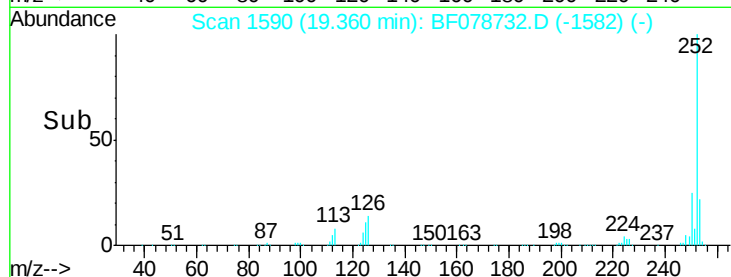
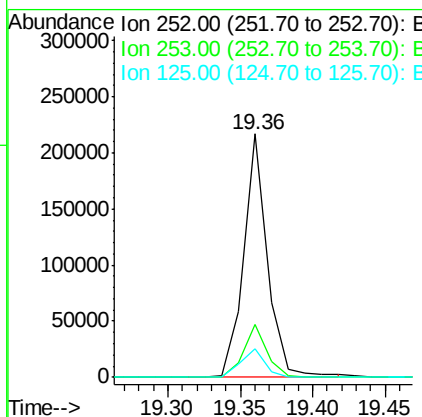
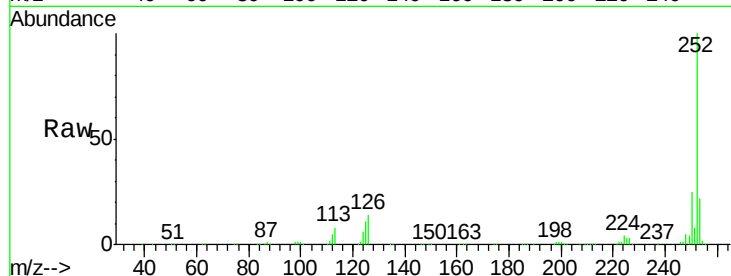
#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 19.36 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	16.8	25.2
125	11.5	7.4	11.0

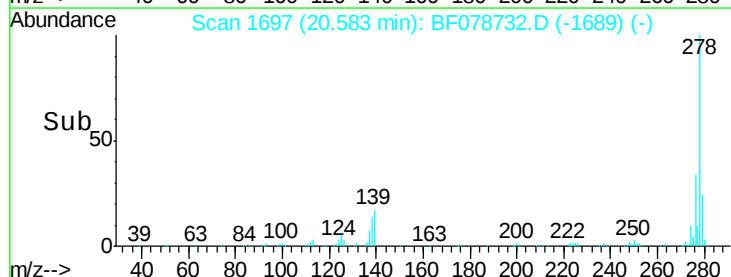
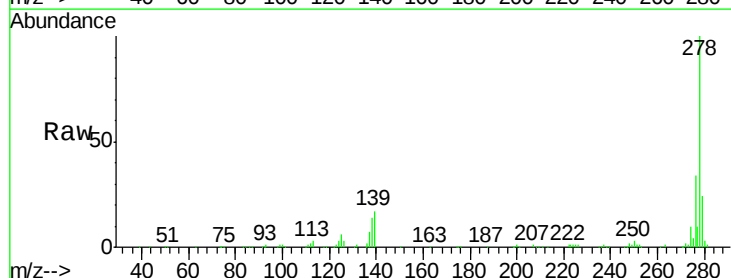
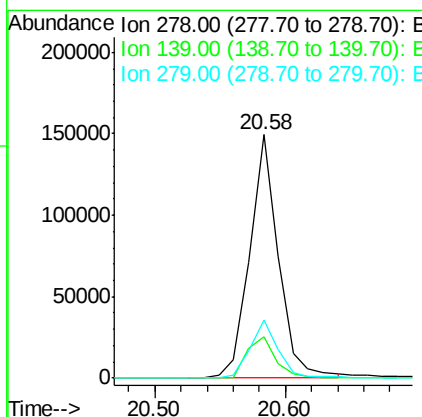
Manual Integrations
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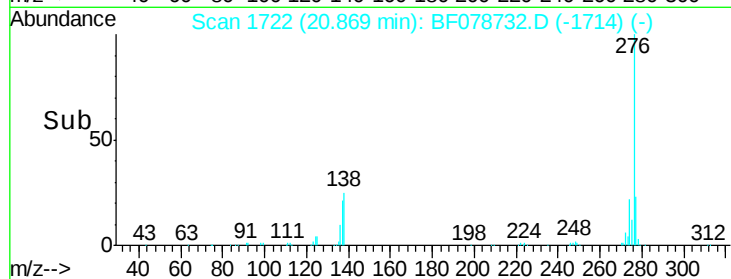
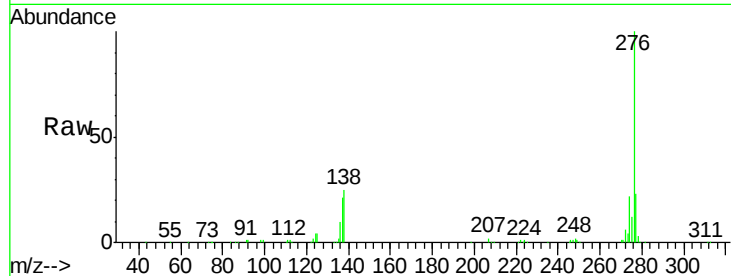
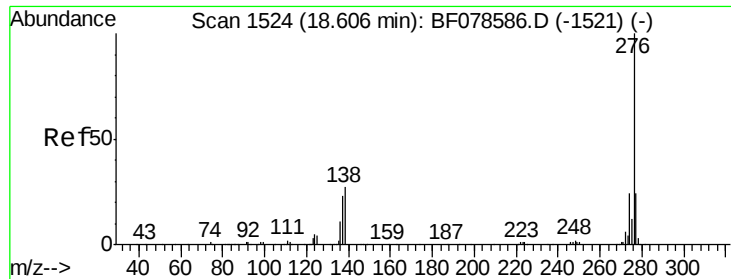
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#90
Dibenzo(a,h)anthracene
Concen: 37.58 ng
RT: 20.58 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BF078732.D
Acq: 22 Apr 2015 23:41

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.9	13.6	20.4
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.86 ng
 RT: 20.87 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BF078732.D
 Acq: 22 Apr 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BSD

Tot Ion:	276	Resp:	232256
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.0	28.4
138	25.2	19.9	29.9

Manual Integrations
 APPROVED

apatel
 4/23/2015 2:14:47 PM

