

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078729.D
 Acq On : 22 Apr 2015 22:09
 Operator : TP/IZ
 Sample : PB82885BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Manual Integrations
 APPROVED

apatel
 4/23/2015 2:14:39 PM

Quant Time: Apr 23 01:37:29 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	5.79	152	27041	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	110286	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	55343	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	113579	20.00	ng	0.00
75) Chrysene-d12	17.74	240	120901	20.00	ng	0.00
86) Perylene-d12	19.44	264	121031	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	210455	128.32	ng	0.00
7) Phenol-d6	5.29	99	265598	129.22	ng	0.00
23) Nitrobenzene-d5	6.73	82	156199	85.85	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	70962	154.60	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	337250	87.11	ng	0.00
78) Terphenyl-d14	16.40	244	429178	80.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.38	88	22319	30.09	ng	# 23
3) Pyridine	1.86	79	69155	35.60	ng	93
4) n-Nitrosodimethylamine	1.82	42	36690	49.06	ng	80
6) Aniline	5.28	93	67221	23.06	ng	92
8) 2-Chlorophenol	5.45	128	80633	41.58	ng	98
9) Benzaldehyde	5.10	77	6033	4.43	ng	91
10) Phenol	5.31	94	100909	40.97	ng	97
11) bis(2-Chloroethyl)ether	5.42	93	70363	39.73	ng	95
12) 1,3-Dichlorobenzene	5.68	146	83152	39.03	ng	99
13) 1,4-Dichlorobenzene	5.82	146	84890	39.59	ng	97
14) 1,2-Dichlorobenzene	6.04	146	80286	39.93	ng	99
15) Benzyl Alcohol	6.07	79	66583	46.10	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.31	45	93724	39.67	ng	86
17) 2-Methylphenol	6.30	107	63353	42.08	ng	95
18) Hexachloroethane	6.59	117	28446	39.34	ng	# 81
19) n-Nitroso-di-n-propylamine	6.52	70	56273	41.50	ng	93
20) 3+4-Methylphenols	6.57	107	82067	40.86	ng	92
22) Acetophenone	6.49	105	110239	42.90	ng	# 94
24) Nitrobenzene	6.76	77	78892	41.48	ng	93
25) Isophorone	7.19	82	145095	42.02	ng	94
26) 2-Nitrophenol	7.31	139	40042	44.18	ng	98
27) 2,4-Dimethylphenol	7.47	122	72504	43.02	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	90380	40.82	ng	99
29) 2,4-Dichlorophenol	7.75	162	67337	43.91	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	69737	39.67	ng	98
31) Naphthalene	7.99	128	228401	39.79	ng	99
32) Benzoic acid	7.71	122	41721	52.07	ng	97
33) 4-Chloroaniline	8.15	127	55476	23.29	ng	97
34) Hexachlorobutadiene	8.24	225	38955	40.35	ng	96
35) Caprolactam	8.78	113	21457m	46.88	ng	
36) 4-Chloro-3-methylphenol	9.11	107	72455	46.83	ng	94
37) 2-Methylnaphthalene	9.24	142	157794	40.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	68803	40.12	ng	99
40) Hexachlorocyclopentadiene	9.54	237	52499	71.87	ng	96

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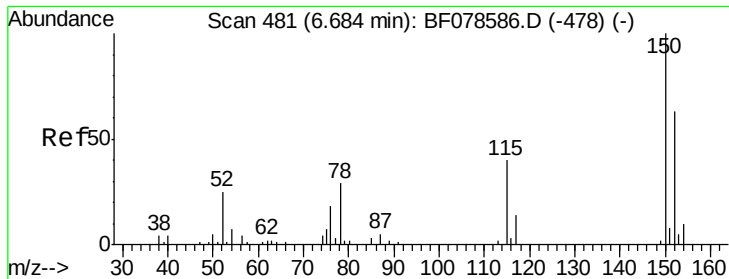
Manual Integrations
 APPROVED

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 4/23/2015 2:14:39 PM

Quant Time: Apr 23 01:37:29 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)
42) 2,4,6-Trichlorophenol	9.80	196	47372	43.80	nq	99
43) 2,4,5-Trichlorophenol	9.88	196	48873	43.26	nq	# 92
45) 1,1'-Biphenyl	10.12	154	190490	42.08	nq	97
46) 2-Chloronaphthalene	10.12	162	145838	40.95	nq	98
47) 2-Nitroaniline	10.38	65	42966	48.76	nq	# 62
48) Acenaphthylene	10.87	152	245928	42.76	nq	100
49) Dimethylphthalate	10.78	163	180630	43.44	nq	# 98
50) 2,6-Dinitrotoluene	10.87	165	37908	44.31	nq	# 48
51) Acenaphthene	11.20	154	138991	42.92	nq	100
52) 3-Nitroaniline	11.14	138	31684	32.57	nq	97
53) 2,4-Dinitrophenol	11.37	184	26946	80.66	nq	95
54) Dibenzofuran	11.52	168	221181	44.72	nq	100
55) 4-Nitrophenol	11.58	139	52155	73.07	nq	88
56) 2,4-Dinitrotoluene	11.60	165	54572	49.26	nq	# 85
57) Fluorene	12.15	166	178899	44.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.79	232	36899	44.05	nq	97
59) Diethylphthalate	12.09	149	184914	46.12	nq	96
60) 4-Chlorophenyl-phenylether	12.22	204	82568	44.77	nq	# 85
61) 4-Nitroaniline	12.27	138	40162	40.85	nq	97
62) Azobenzene	12.50	77	169177	46.24	nq	93
64) 4,6-Dinitro-2-methylphenol	12.34	198	23177	42.34	nq	86
65) n-Nitrosodiphenylamine	12.46	169	156977	39.96	nq	97
66) 4-Bromophenyl-phenylether	13.11	248	51015	42.41	nq	96
67) Hexachlorobenzene	13.15	284	54492	41.34	nq	96
68) Atrazine	13.52	200	58024	50.99	nq	98
69) Pentachlorophenol	13.57	266	41817	72.36	nq	99
70) Phenanthrene	13.91	178	270795	41.22	nq	100
71) Anthracene	14.00	178	277814	42.91	nq	99
72) Carbazole	14.34	167	268789	44.30	nq	99
73) Di-n-butylphthalate	15.03	149	312960	45.53	nq	100
74) Fluoranthene	15.81	202	307513	44.38	nq	93
76) Benzidine	16.07	184	107448	23.08	nq	98
77) Pyrene	16.11	202	319382	42.08	nq	99
79) Butylbenzylphthalate	17.11	149	145453	50.28	nq	# 83
80) Benzo(a)anthracene	17.73	228	301372	41.90	nq	98
81) 3,3'-Dichlorobenzidine	17.74	252	86458	35.89	nq	# 98
82) Chrysene	17.77	228	289069	42.77	nq	99
83) Bis(2-ethylhexyl)phthalate	17.87	149	217088	47.85	nq	100
84) Di-n-octyl phthalate	18.65	149	373785	50.18	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.59	276	327538	42.71	nq	# 87
87) Benzo(b)fluoranthene	19.02	252	304423	40.70	nq	99
88) Benzo(k)fluoranthene	19.05	252	287331m	43.22	nq	
89) Benzo(a)pyrene	19.37	252	281290	43.09	nq	# 95
90) Dibenzo(a,h)anthracene	20.62	278	264313	40.44	nq	98
91) Benzo(g,h,i)perylene	20.90	276	269485	41.12	nq	96

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



#1

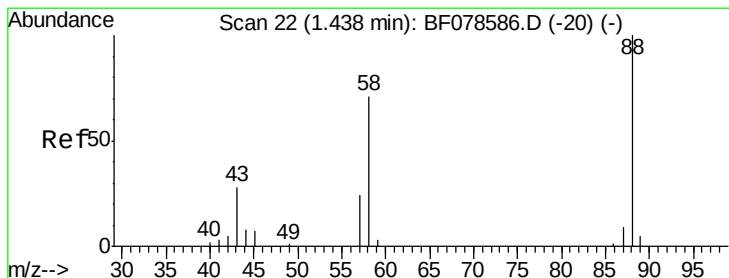
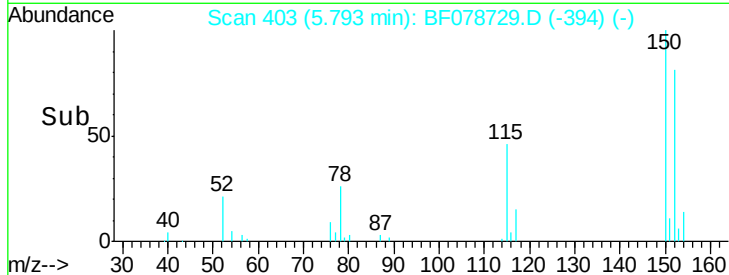
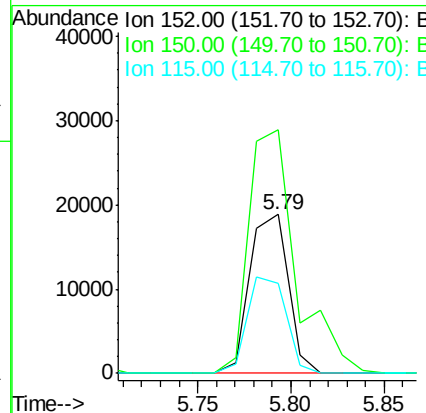
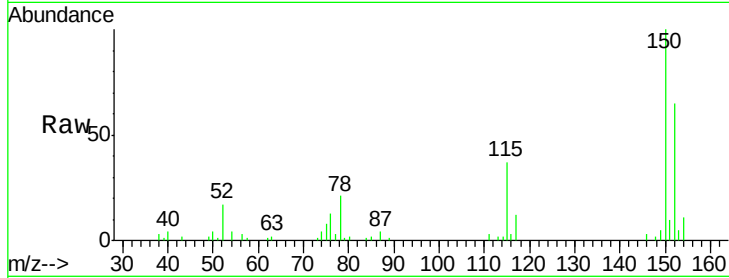
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	56.4	52.7	79.1

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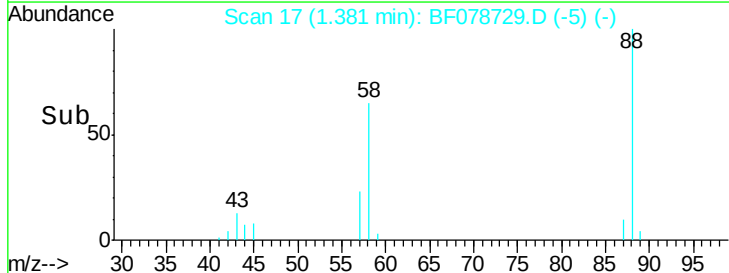
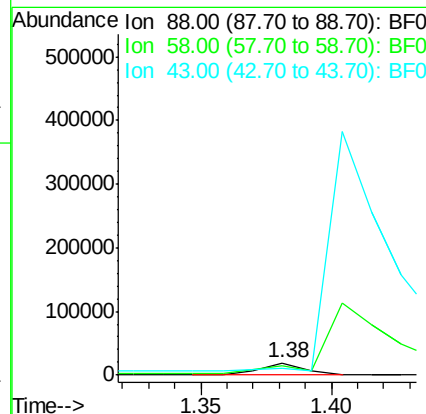
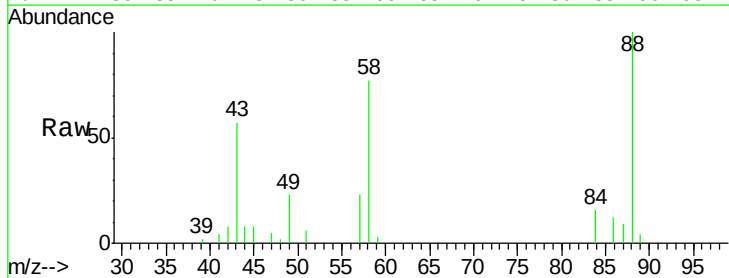
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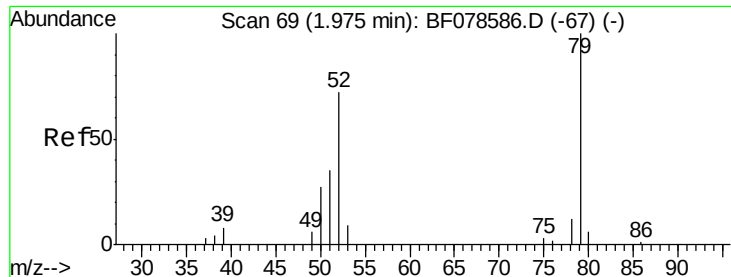


#2

1,4-Dioxane
Concen: 30.09 ng
RT: 1.38 min Scan# 17
Delta R.T. 0.03 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

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





#3

Pvridine

Concen: 35.60 ng

RT: 1.86 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

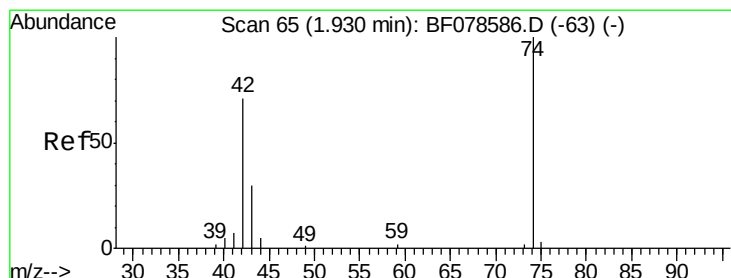
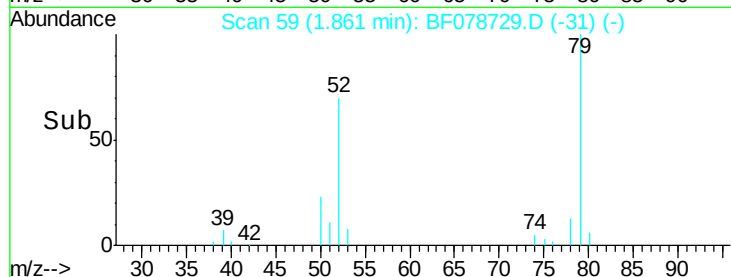
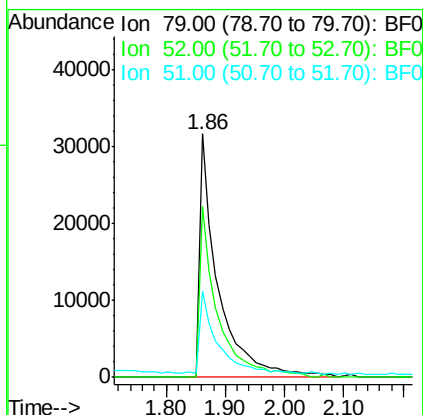
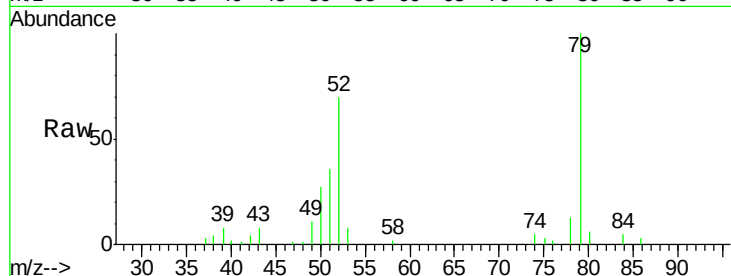
ClientSampleId :

PB82885BS

Tot Ion:	79	Resp:	69155
Ion	Ratio	Lower	Upper
79	100		
52	70.0	52.4	78.6
51	35.6	24.9	37.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.06 ng

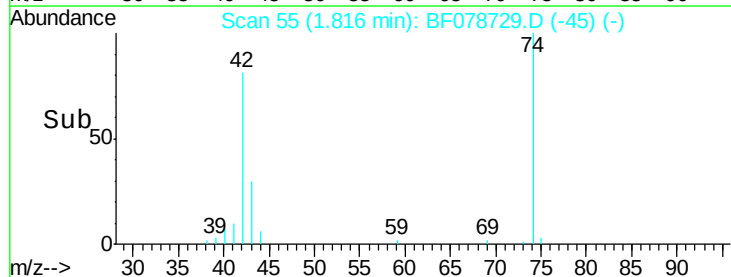
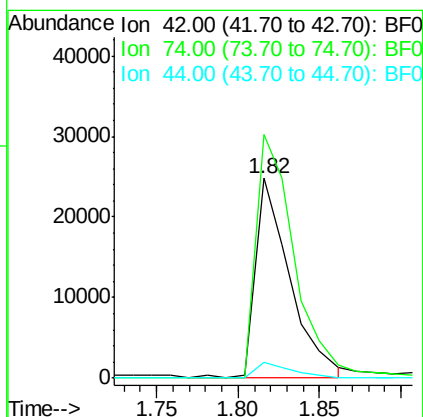
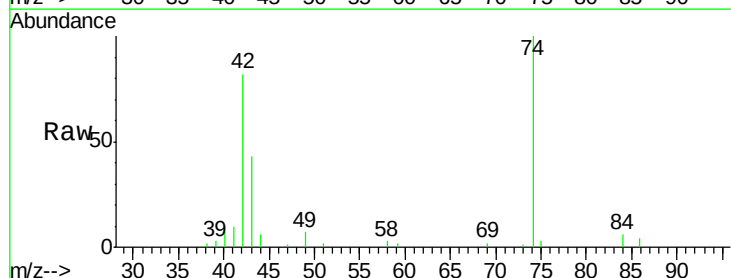
RT: 1.82 min Scan# 55

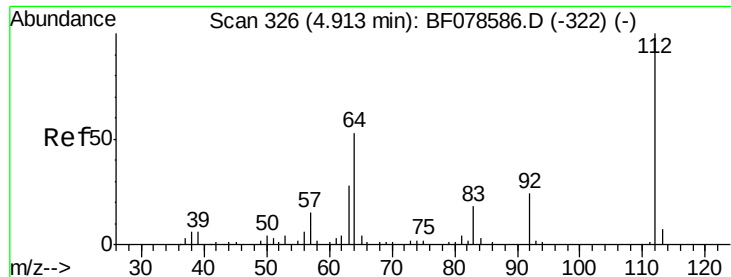
Delta R.T. 0.01 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	42	Resp:	36690
Ion	Ratio	Lower	Upper
42	100		
74	121.7	118.7	178.1
44	7.7	5.9	8.9





#5

2-Fluorophenol

Concen: 128.32 ng

RT: 3.80 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

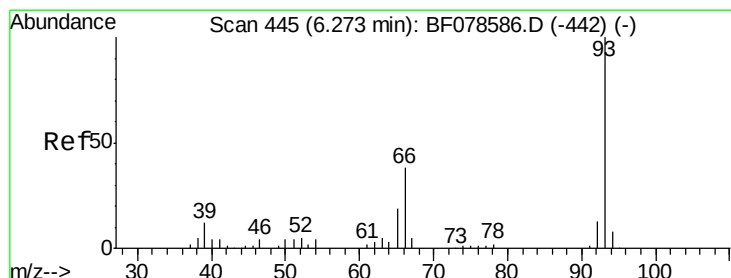
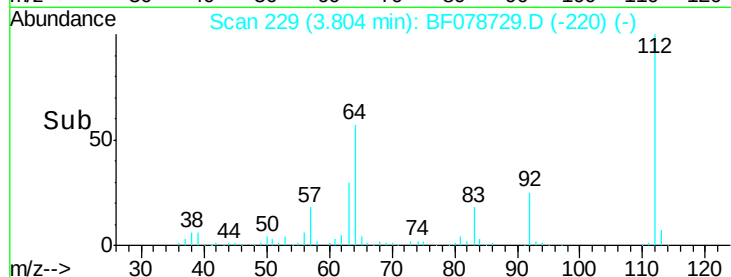
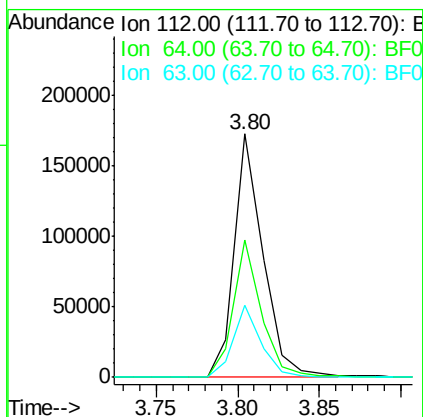
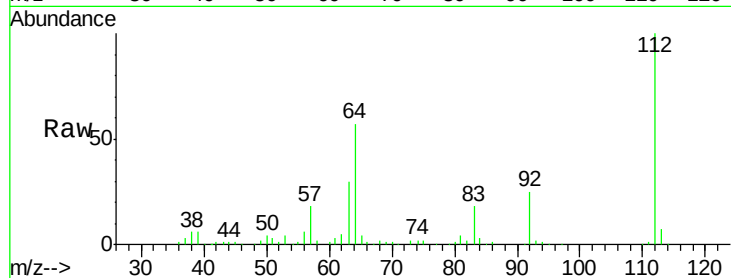
ClientSampleId :

PB82885BS

Tot Ion:	112	Resp:	210455
Ion Ratio	Lower	Upper	
112	100		
64	56.6	39.9	59.9
63	29.8	20.2	30.4

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#6

Aniline

Concen: 23.06 ng

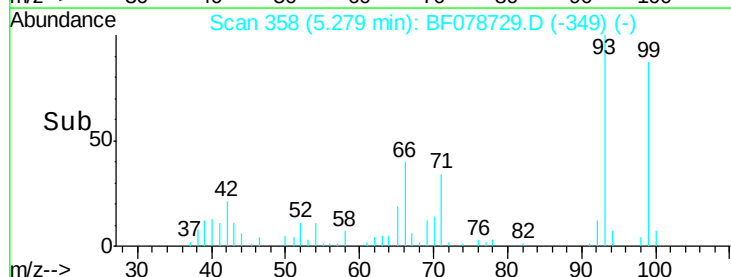
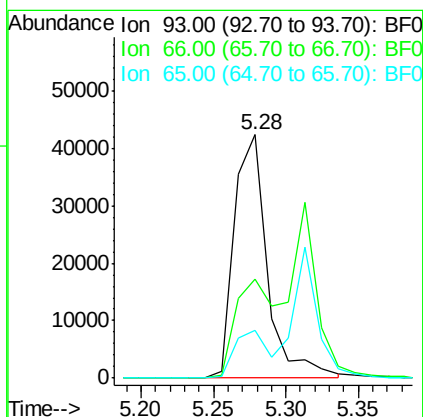
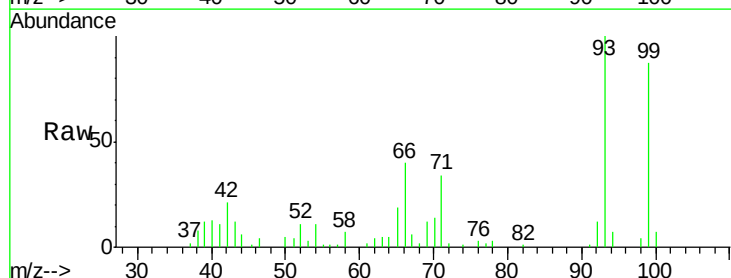
RT: 5.28 min Scan# 358

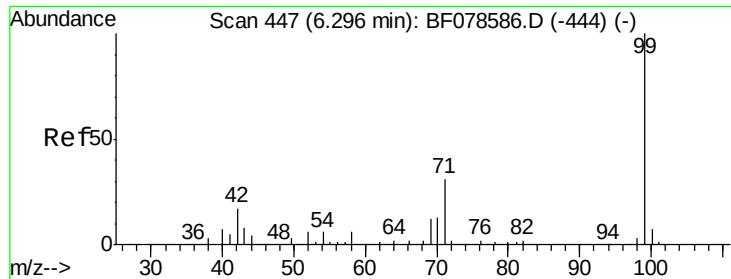
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	93	Resp:	67221
Ion Ratio	Lower	Upper	
93	100		
66	40.4	38.0	57.0
65	19.5	16.3	24.5





#7

Phenol-d6

Concen: 129.22 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

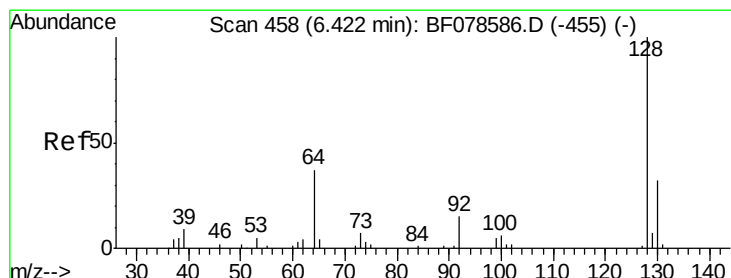
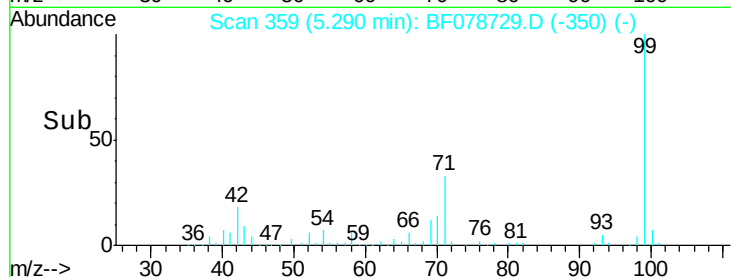
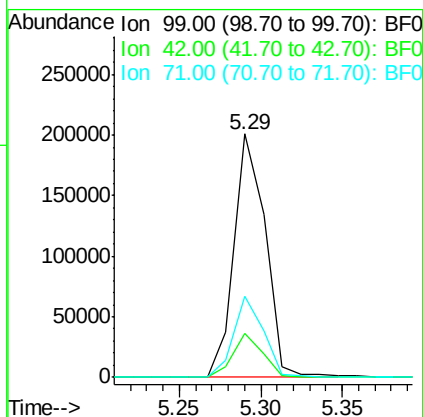
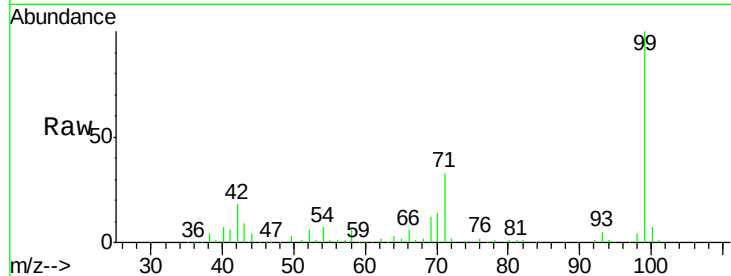
ClientSampled :

PB82885BS

Tot Ion:	99	Resp:	265598
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.8	22.2
71	33.5	26.6	39.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.58 ng

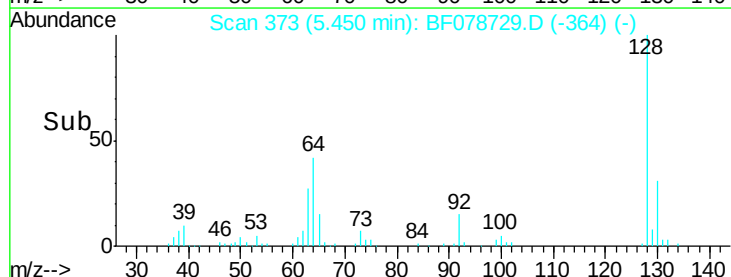
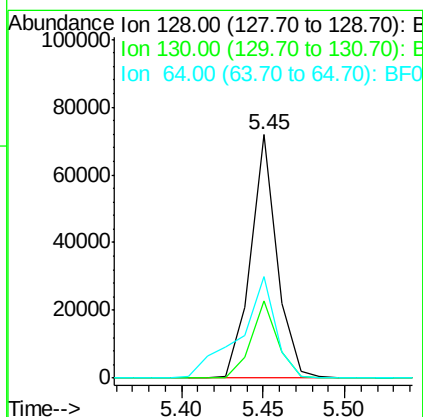
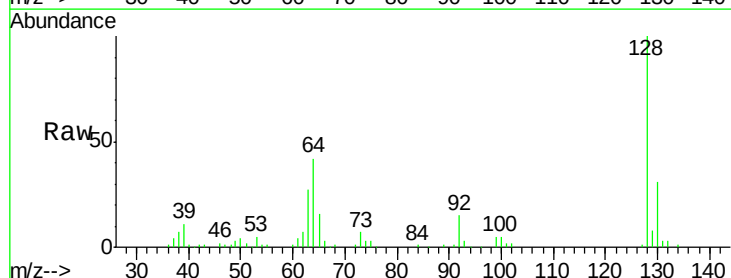
RT: 5.45 min Scan# 373

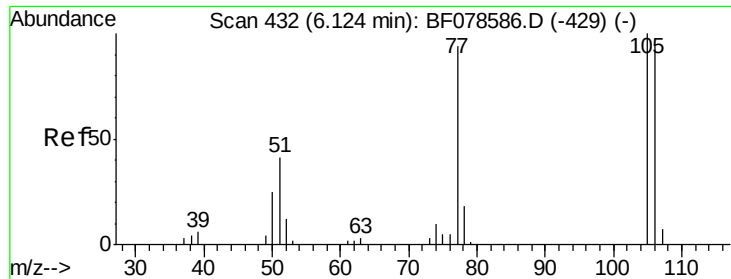
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	128	Resp:	80633
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.3	52.3
64	41.9	23.8	63.8





#9

Benzaldehyde

Concen: 4.43 ng

RT: 5.10 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

ClientSampleId :

PB82885BS

Tot Ion: 77 Resp: 6033

Ion Ratio Lower Upper

77 100

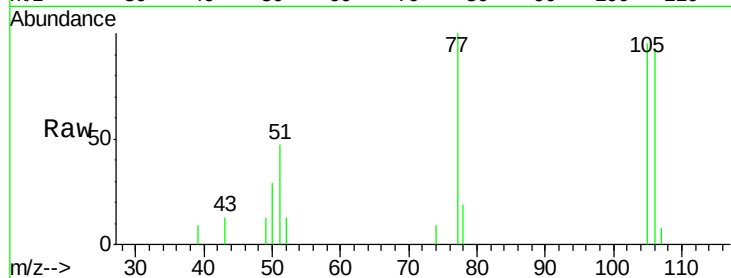
105 95.2 85.4 125.4

106 92.6 80.8 120.8

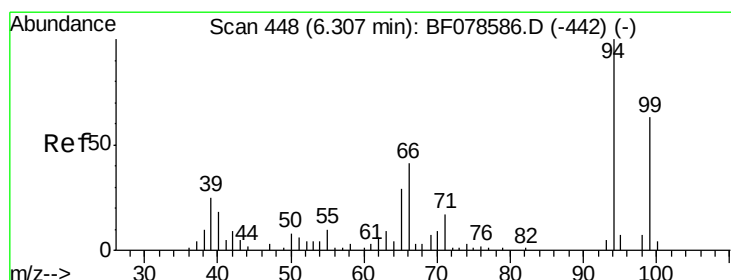
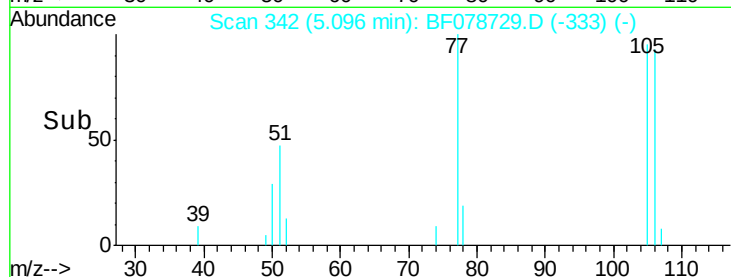
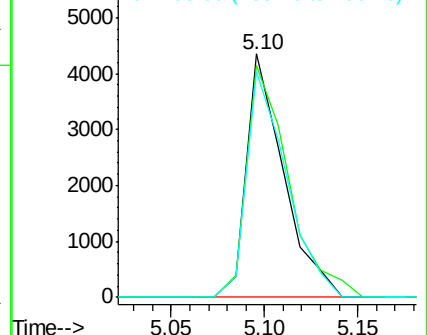
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.97 ng

RT: 5.31 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

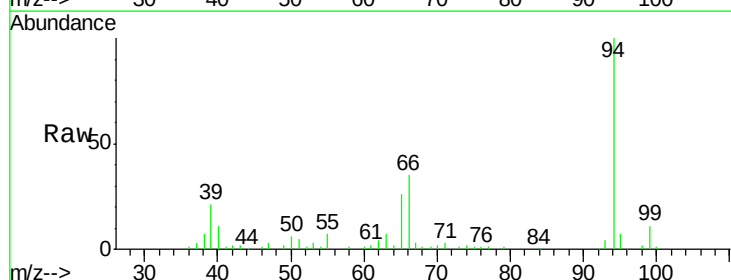
Tgt Ion: 94 Resp: 100909

Ion Ratio Lower Upper

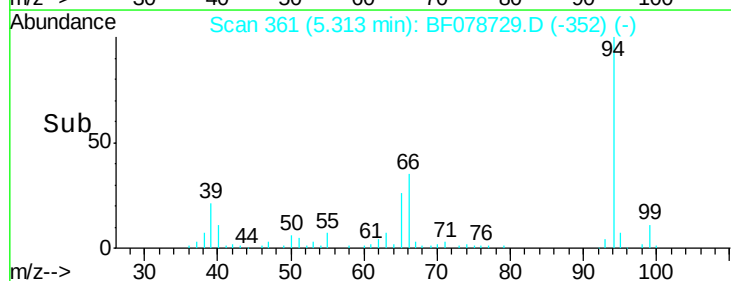
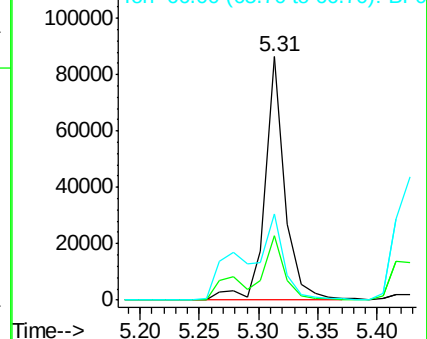
94 100

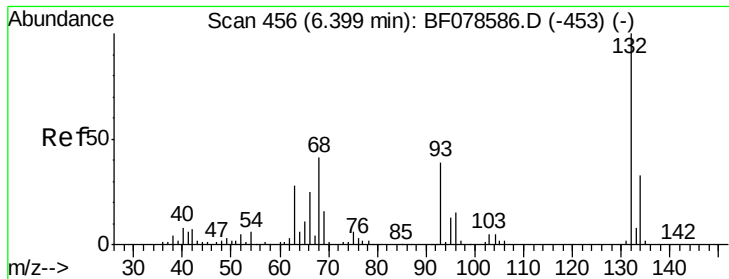
65 26.3 4.9 44.9

66 35.5 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.73 ng

RT: 5.42 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

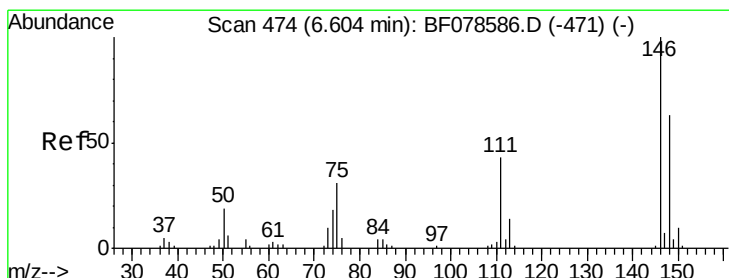
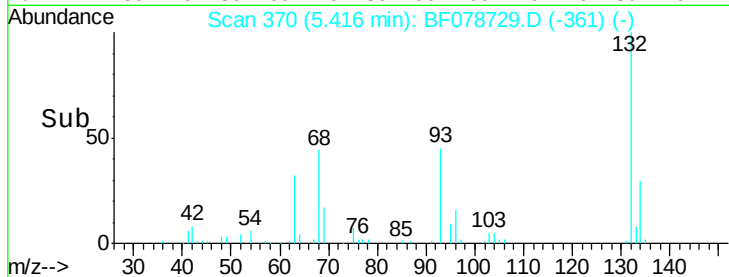
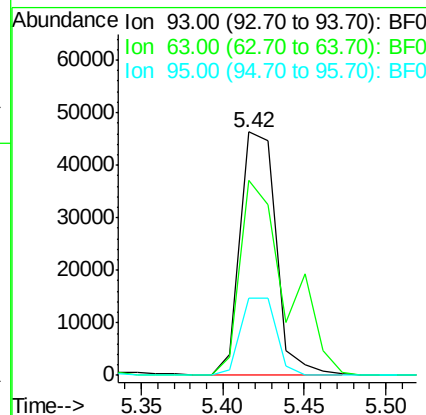
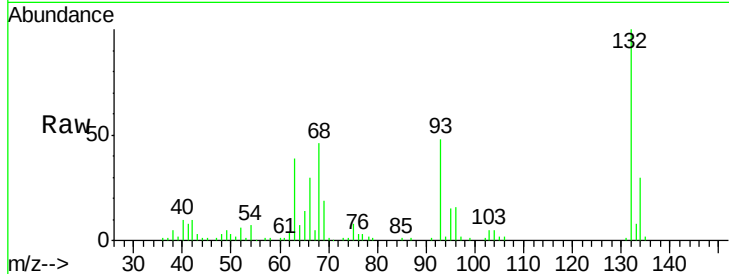
ClientSampleId :

PB82885BS

Tot Ion:	93	Resp:	70363
Ion	Ratio	Lower	Upper
93	100		
63	80.3	54.6	94.6
95	32.0	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 39.03 ng

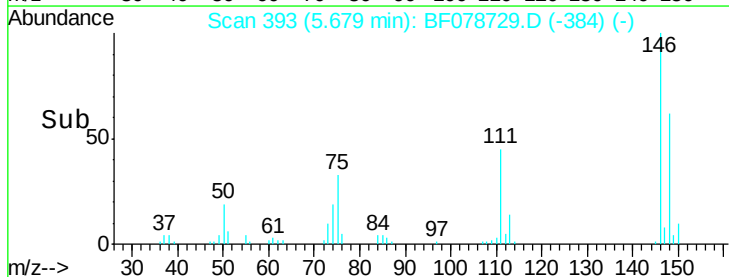
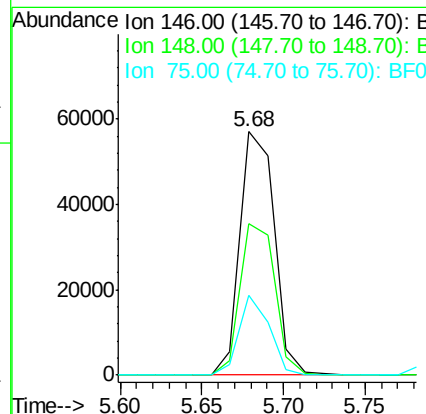
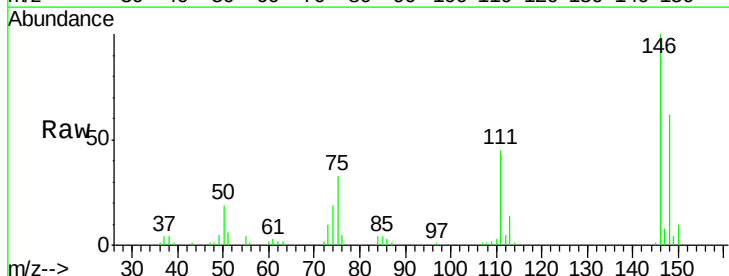
RT: 5.68 min Scan# 393

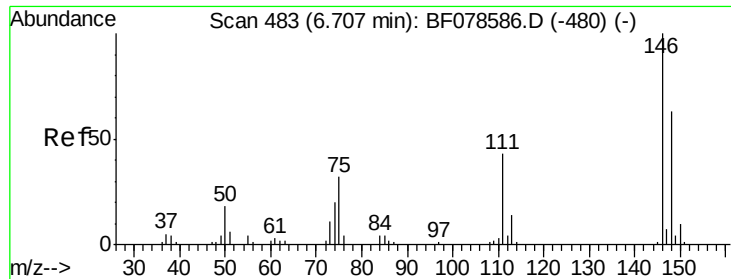
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	146	Resp:	83152
Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.1	73.7
75	32.6	26.6	40.0





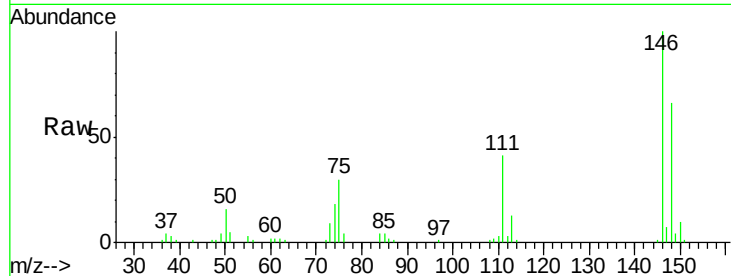
#13
 1,4-Dichlorobenzene
 Concen: 39.59 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
111	40.8	35.0	52.4

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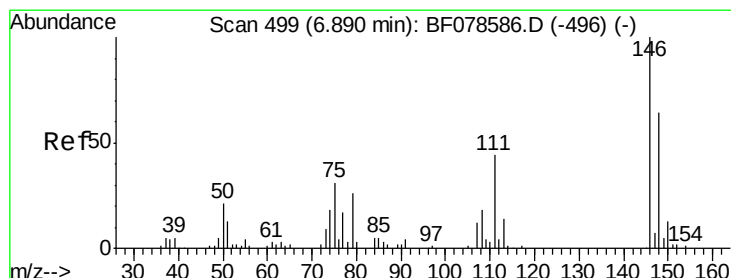
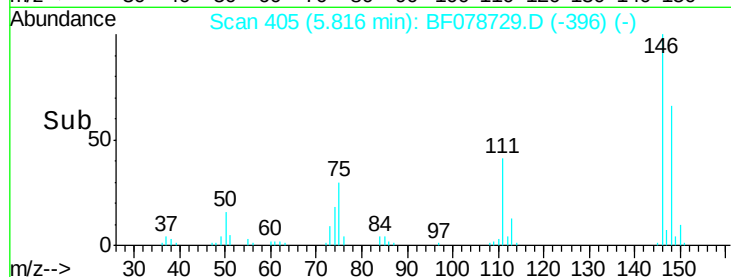
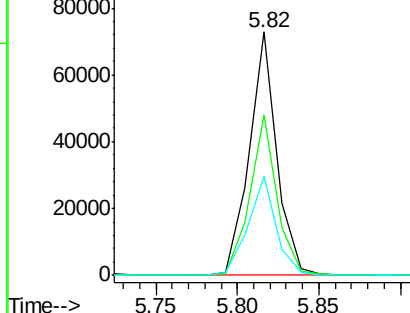


Abundance

Ion 146.00 (145.70 to 146.70): E

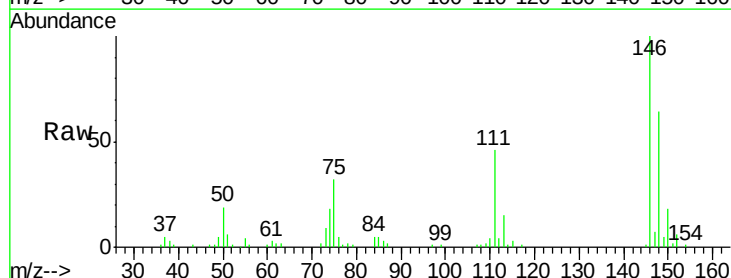
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.93 ng
 RT: 6.04 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
111	45.8	36.1	54.1

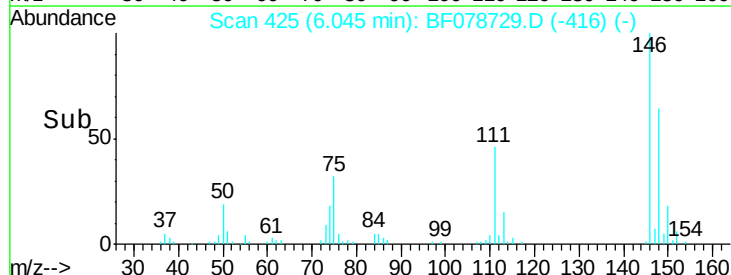
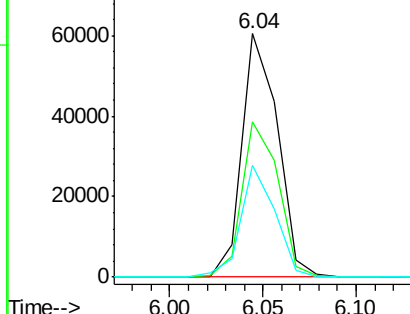


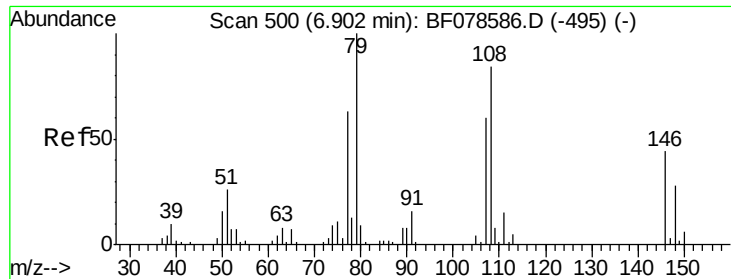
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.10 ng

RT: 6.07 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

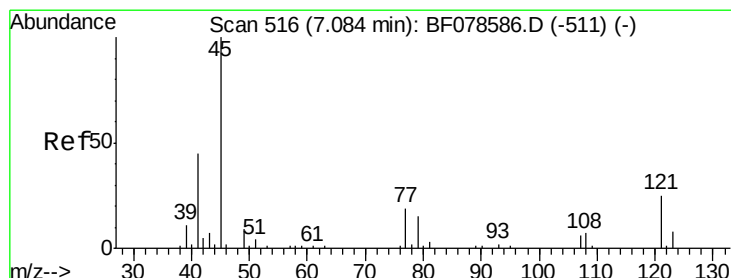
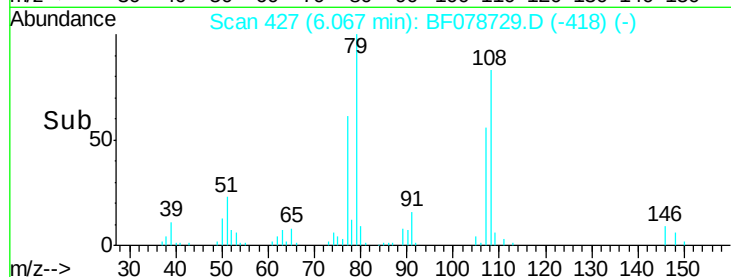
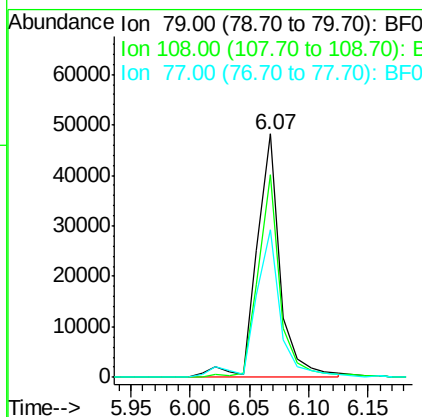
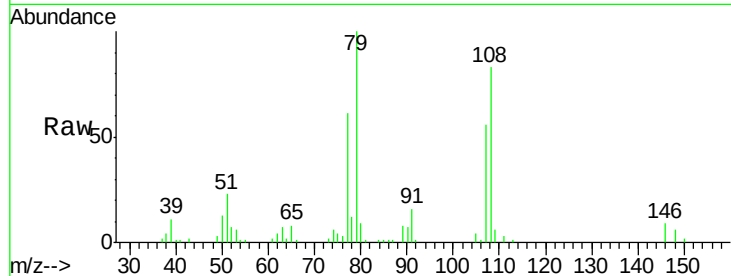
ClientSampleId :

PB82885BS

Tot Ion:	79	Resp:	66583
Ion Ratio	Lower	Upper	
79	100		
108	83.2	57.6	86.4
77	60.7	53.5	80.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.67 ng

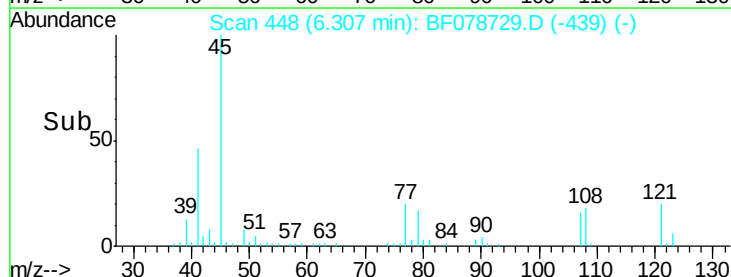
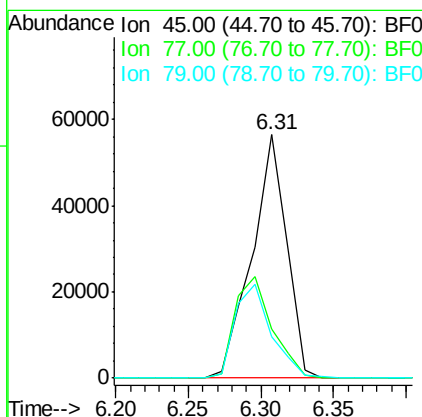
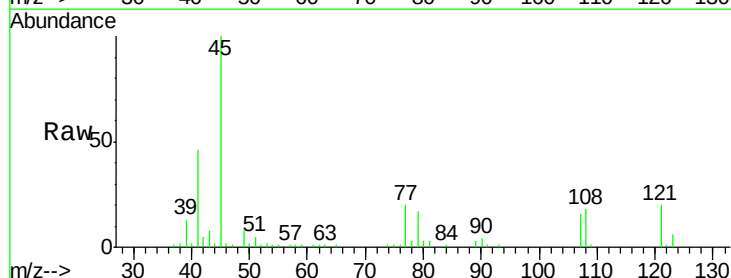
RT: 6.31 min Scan# 448

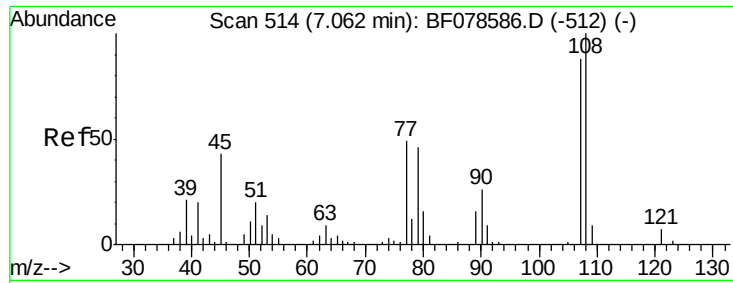
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	45	Resp:	93724
Ion Ratio	Lower	Upper	
45	100		
77	20.3	0.0	34.5
79	17.2	0.0	31.9





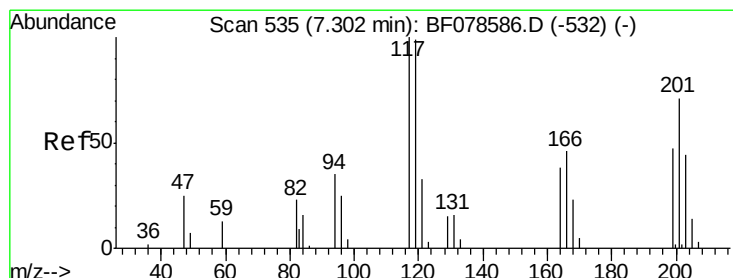
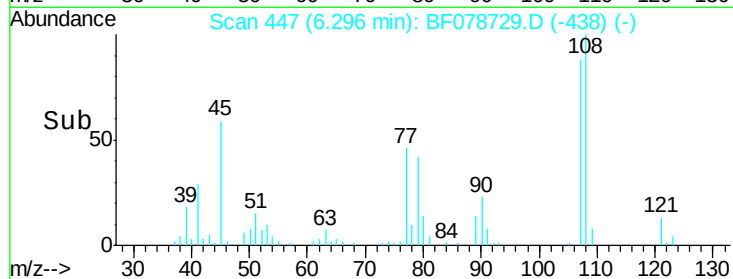
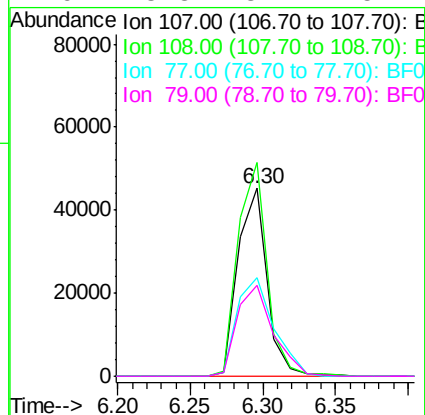
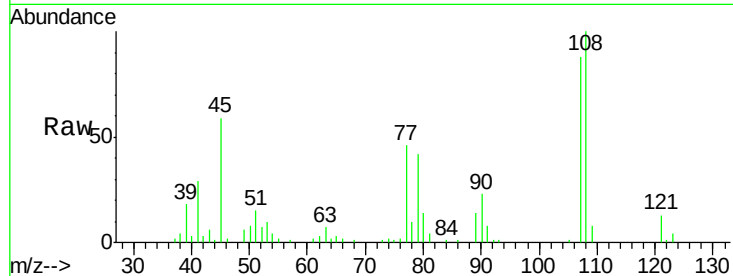
#17
2-Methylphenol
Concen: 42.08 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion:	107	Resp:	63353
Ion Ratio	Lower	Upper	
107	100		
108	113.9	90.3	135.5
77	52.3	35.5	53.3
79	48.3	34.2	51.4

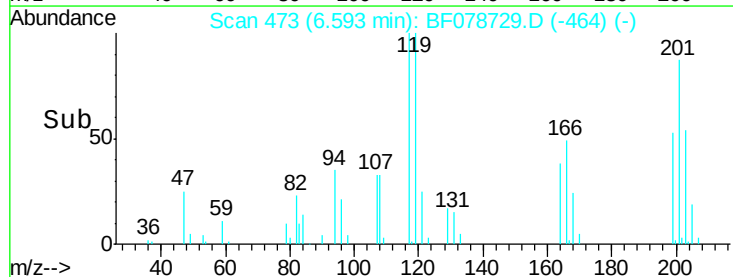
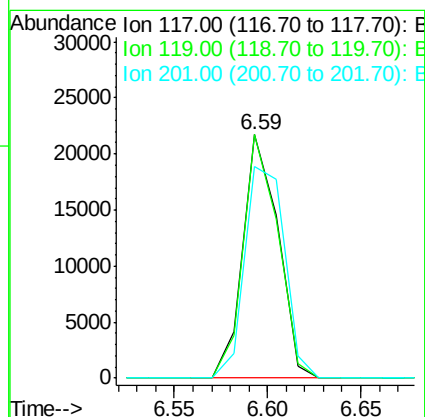
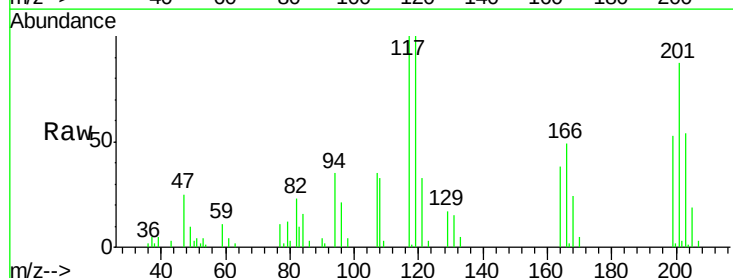
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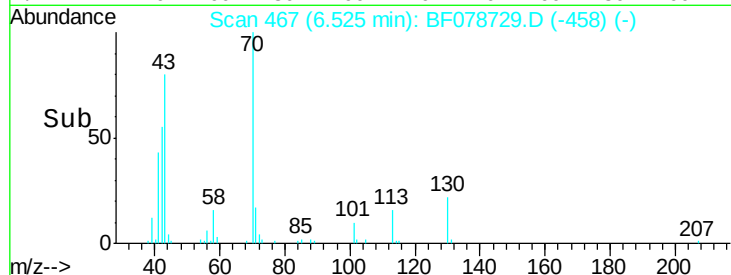
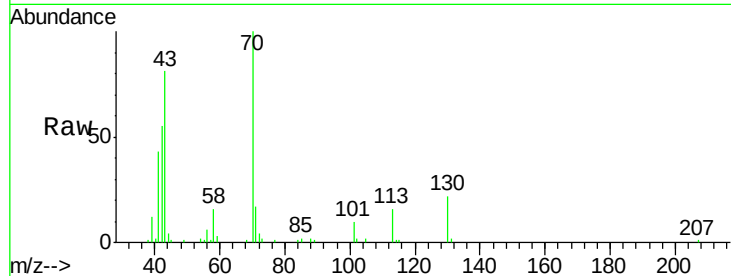
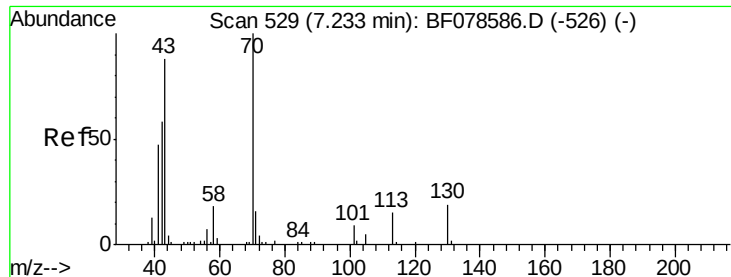
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#18
Hexachloroethane
Concen: 39.34 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

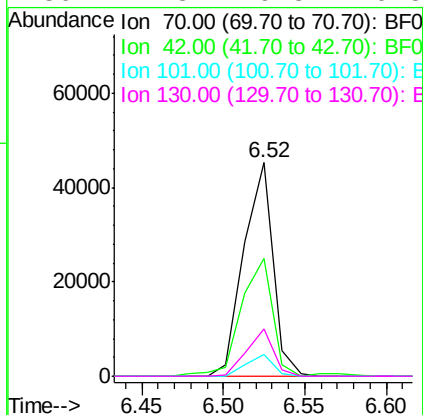
Tgt Ion:	117	Resp:	28446
Ion Ratio	Lower	Upper	
117	100		
119	99.9	77.0	115.6
201	86.7	98.1	147.1#





#19
n-Nitroso-di-n-propylamine
Concen: 41.50 ng
RT: 6.52 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

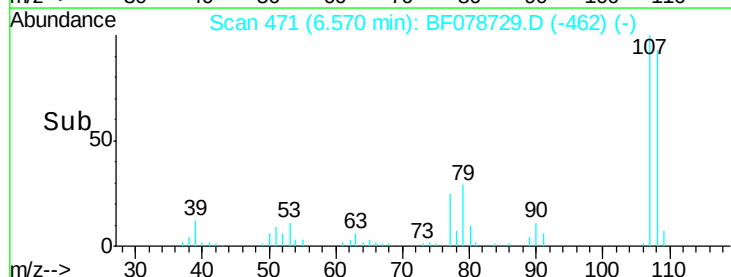
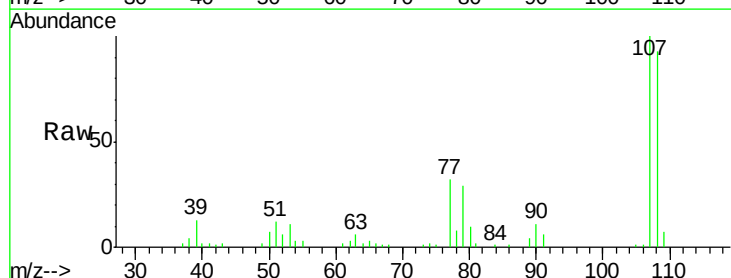
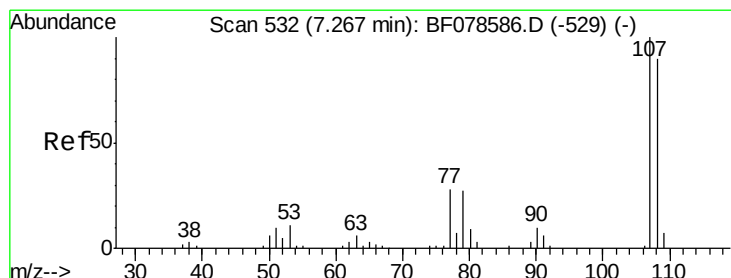
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		56273		
42	54.9	38.9	58.3		
101	10.3	8.3	12.5		
130	22.3	19.8	29.8		



Instrument :
BNA_F
ClientSampleId :
PB82885BS

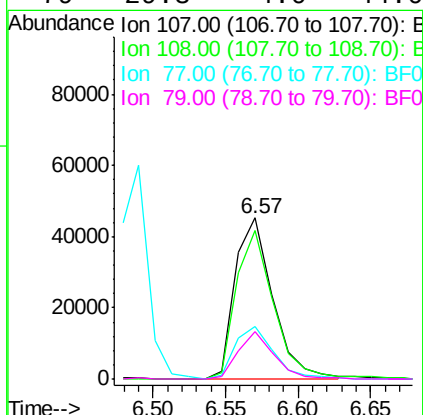
Manual Integrations
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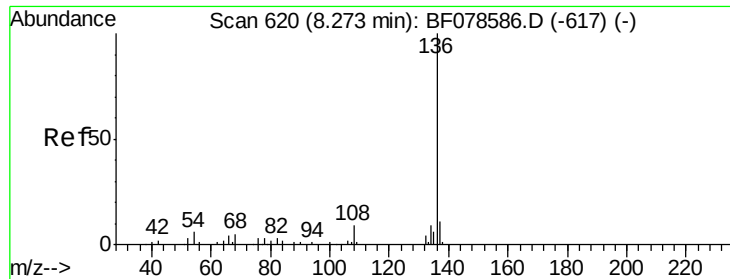
apatel
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#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		82067		
108	92.6	64.4	104.4		
77	32.3	9.7	49.7		
79	29.3	4.0	44.0		





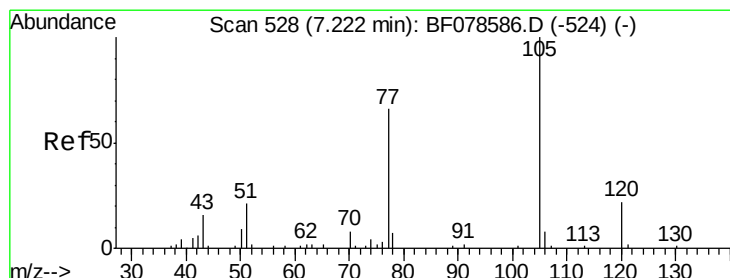
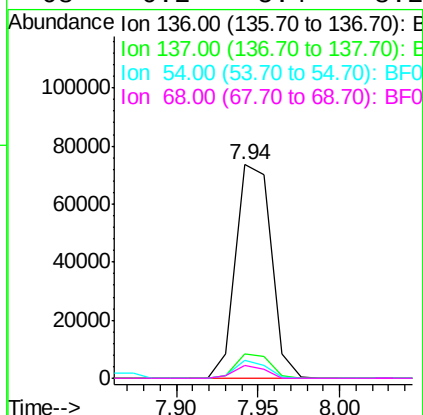
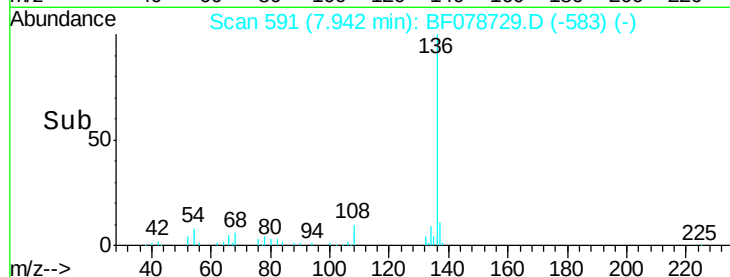
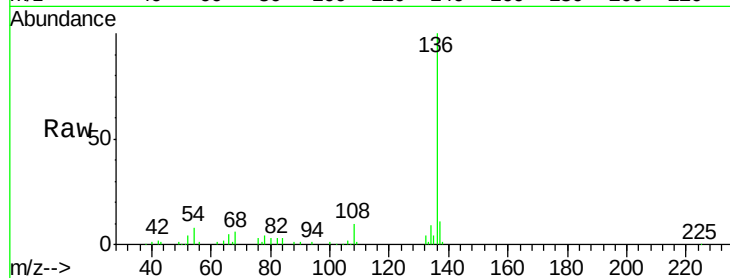
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		110286		
137	11.2	9.0	13.4		
54	8.1	7.0	10.6		
68	6.2	5.4	8.2		

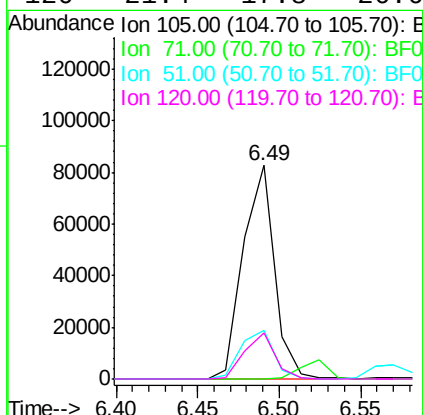
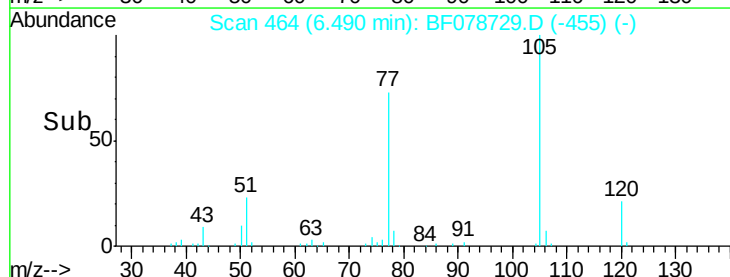
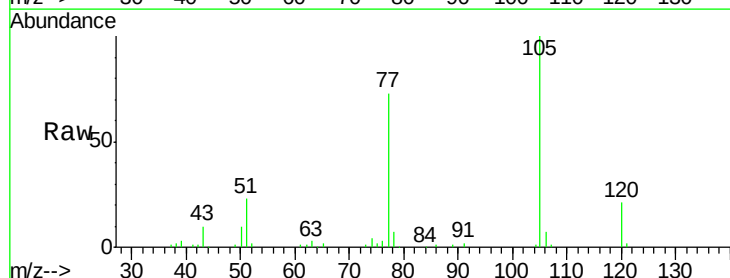
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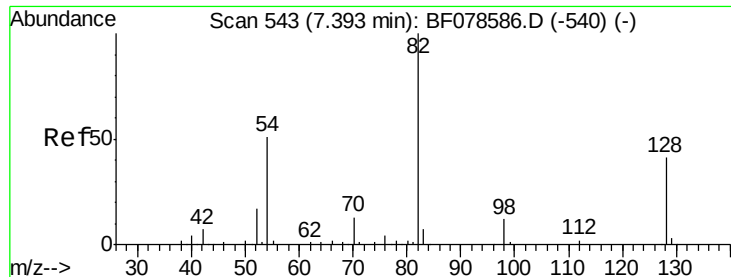
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#22
Acetophenone
Concen: 42.90 ng
RT: 6.49 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		110239		
71	0.0	5.5	8.3#		
51	22.8	16.0	24.0		
120	21.4	17.8	26.6		





#23

Nitrobenzene-d5

Concen: 85.85 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

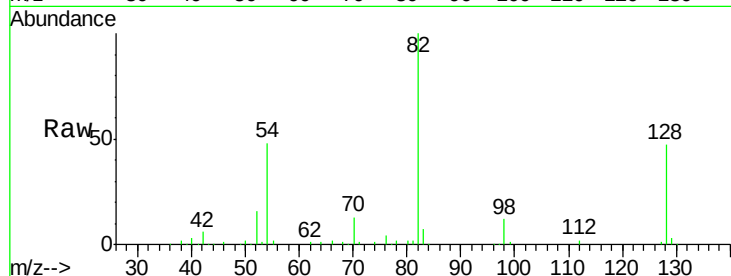
ClientSampleId :

PB82885BS

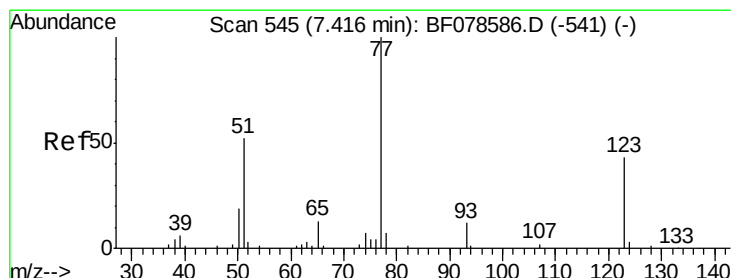
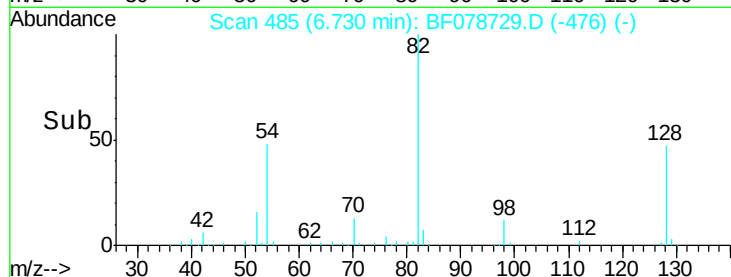
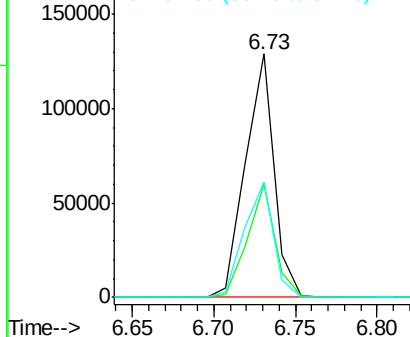
Tot Ion:	82	Resp:	156199
Ion Ratio		Lower	Upper
82	100		
128	46.7	31.8	47.8
54	47.7	41.5	62.3

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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: 41.48 ng

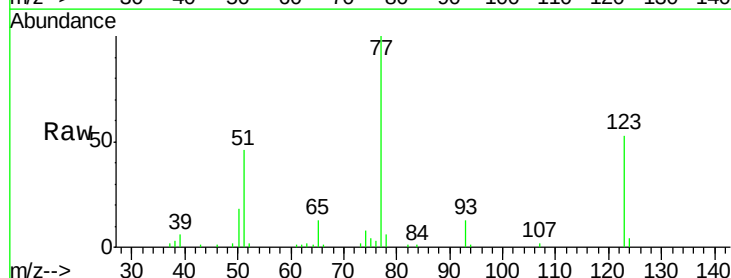
RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

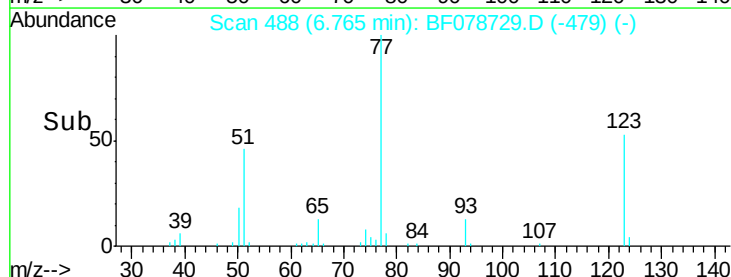
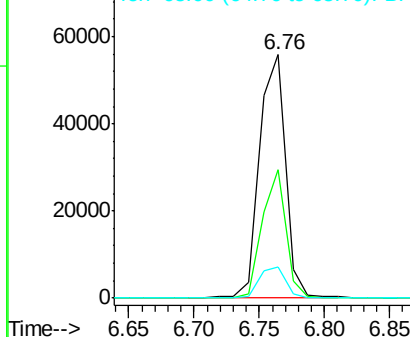
Lab File: BF078729.D

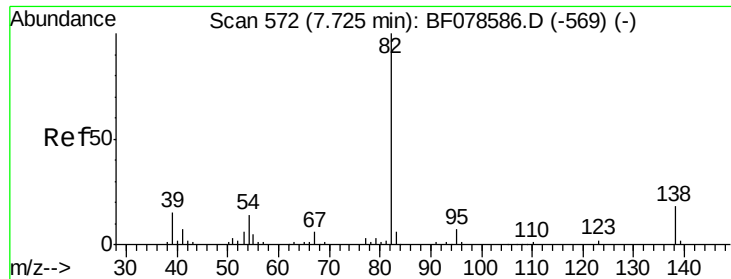
Acq: 22 Apr 2015 22:09

Tgt Ion:	77	Resp:	78892
Ion Ratio		Lower	Upper
77	100		
123	52.8	46.9	70.3
65	13.0	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: 42.02 ng

RT: 7.19 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

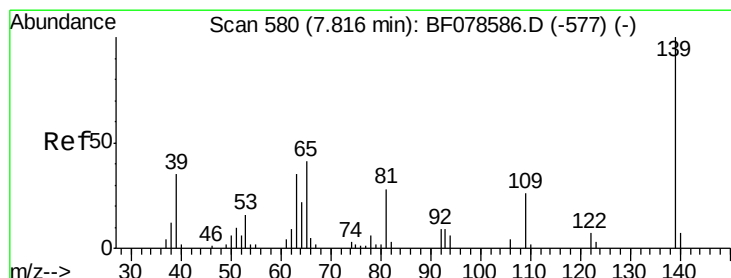
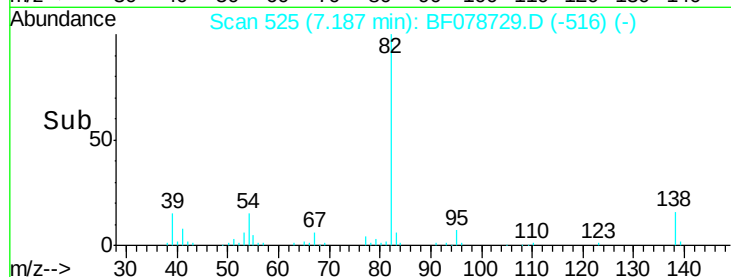
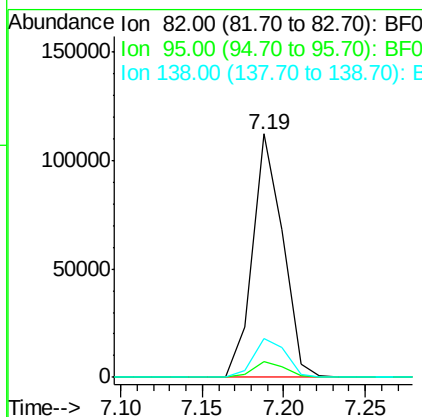
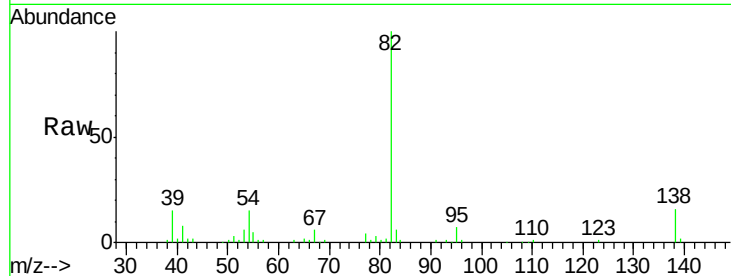
ClientSampleId :

PB82885BS

Tot Ion:	82	Resp:	145095
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.7	8.5
138	16.0	15.8	23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.18 ng

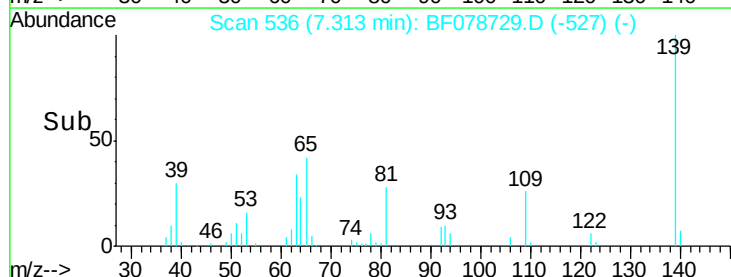
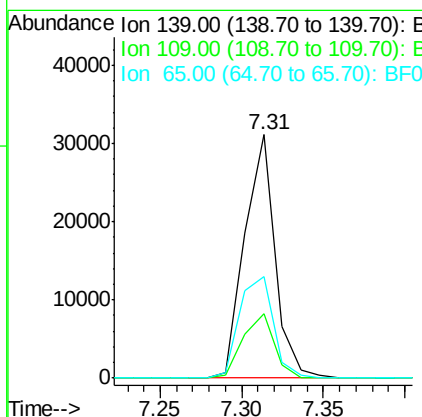
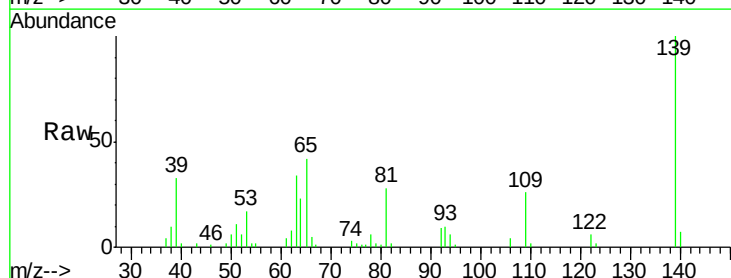
RT: 7.31 min Scan# 536

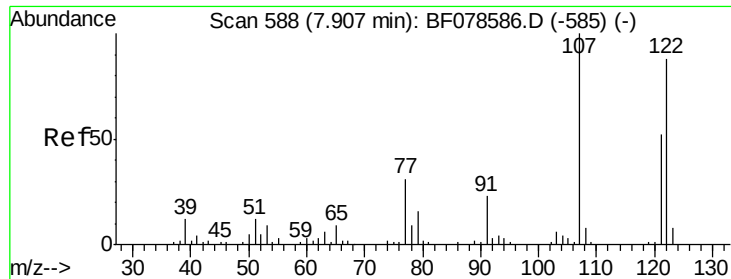
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	139	Resp:	40042
Ion Ratio		Lower	Upper
139	100		
109	26.4	19.8	29.8
65	41.8	32.7	49.1





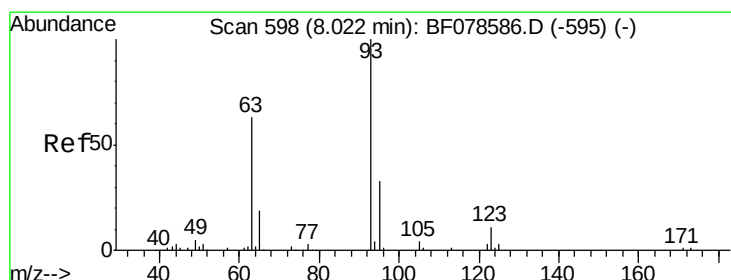
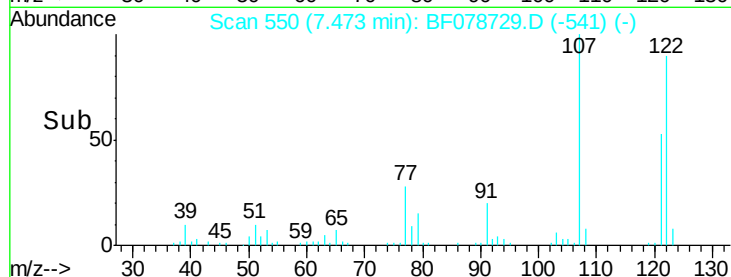
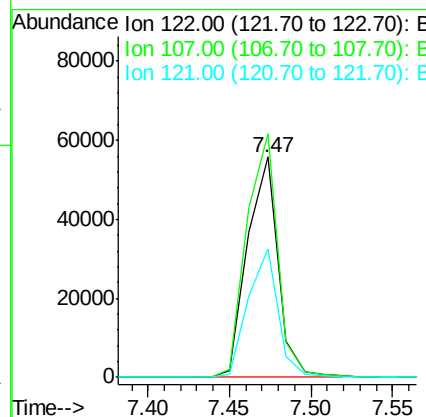
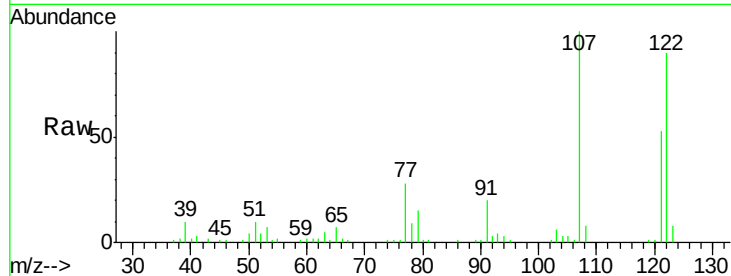
#27
 2,4-Dimethylphenol
 Concen: 43.02 ng
 RT: 7.47 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		72504		
107	110.6	84.6	127.0		
121	58.2	46.0	69.0		

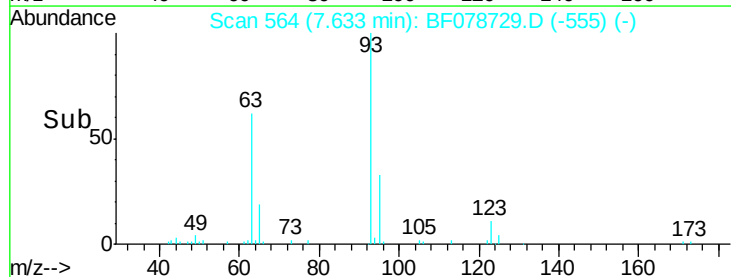
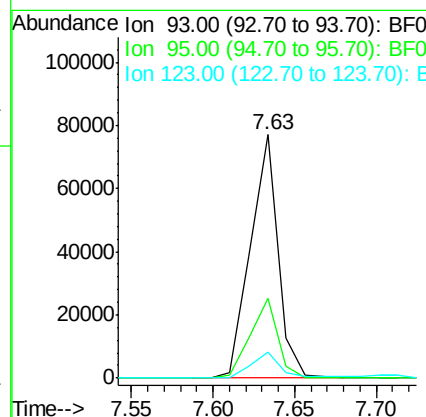
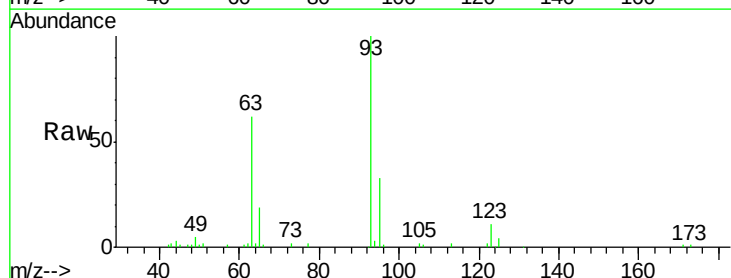
Manual Integrations
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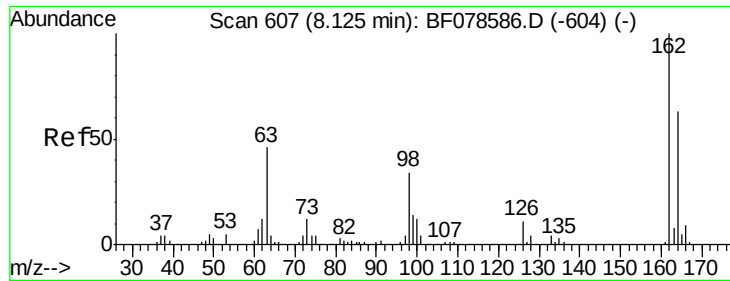
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.82 ng
 RT: 7.63 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		90380		
95	32.7	26.3	39.5		
123	10.6	9.1	13.7		





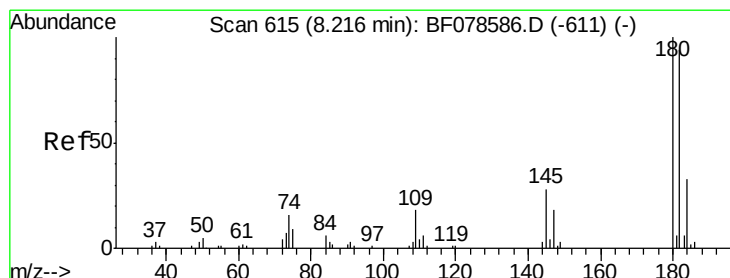
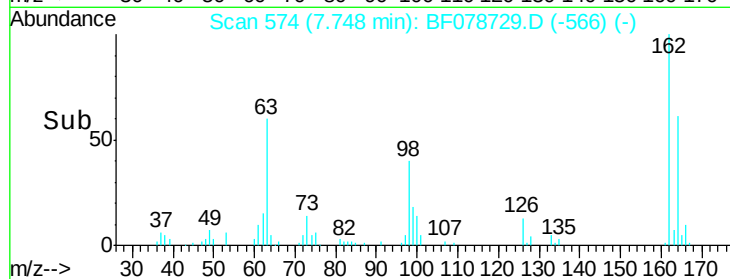
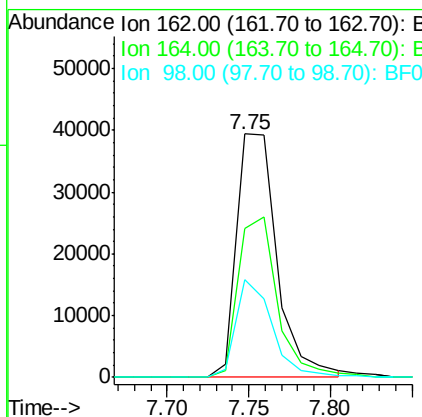
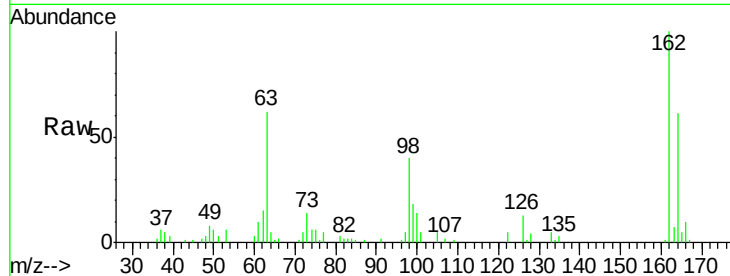
#29
 2,4-Dichlorophenol
 Concen: 43.91 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampled :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	67337		
164	61.3	47.0	87.0	
98	40.2	9.2	49.2	

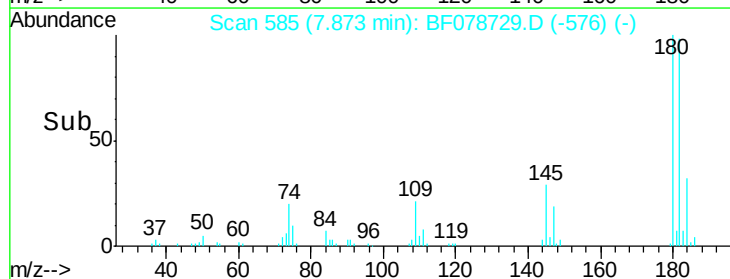
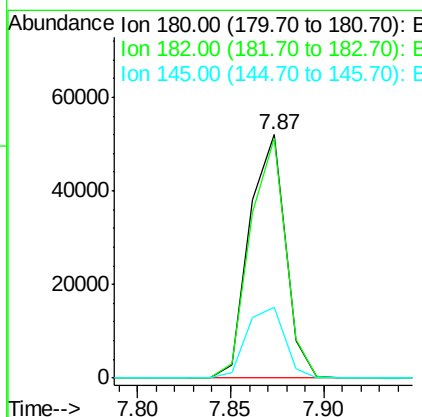
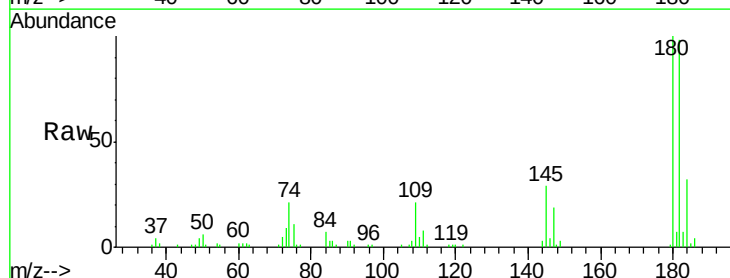
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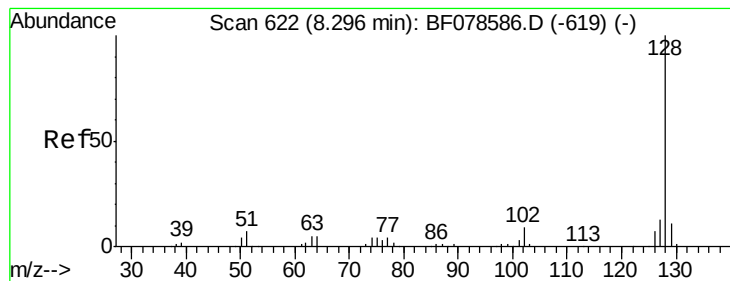
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69737		
182	98.4	76.9	115.3	
145	29.0	22.5	33.7	





#31

Naphthalene

Concen: 39.79 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

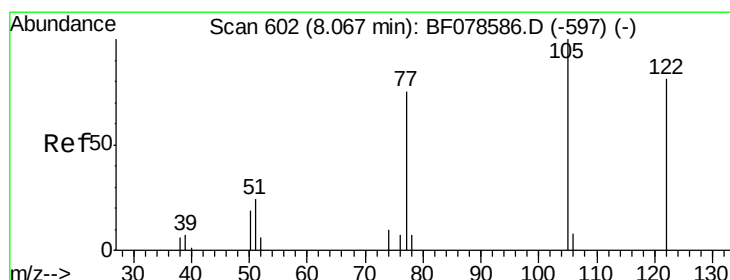
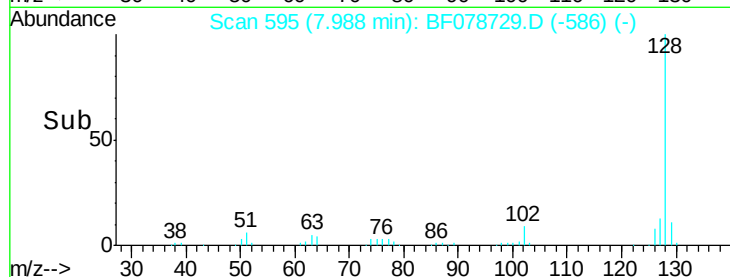
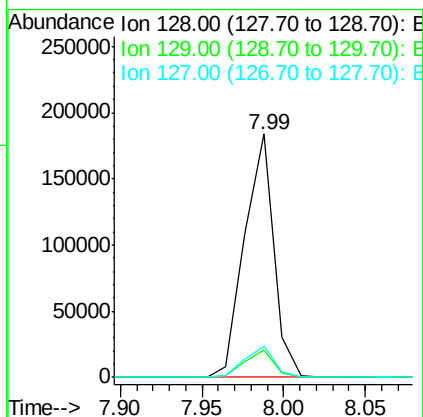
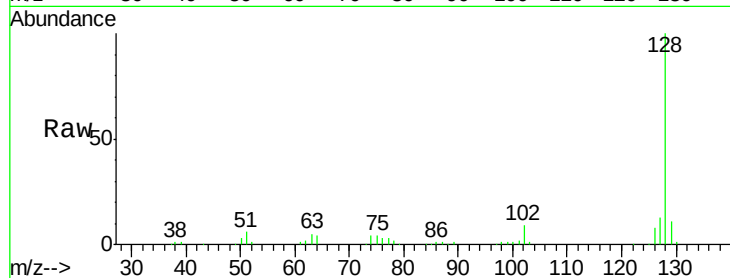
ClientSampleID :

PB82885BS

Tot Ion:	128	Resp:	228401
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	12.9	10.7	16.1

Manual Integrations
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#32

Benzoic acid

Concen: 52.07 ng

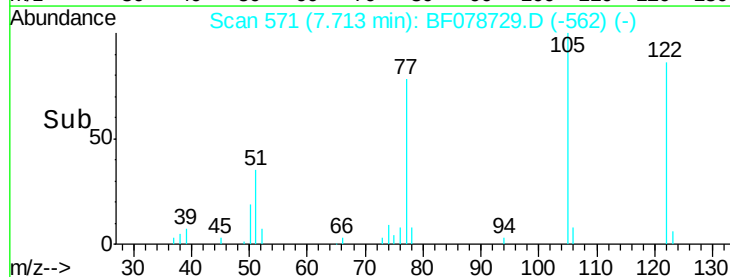
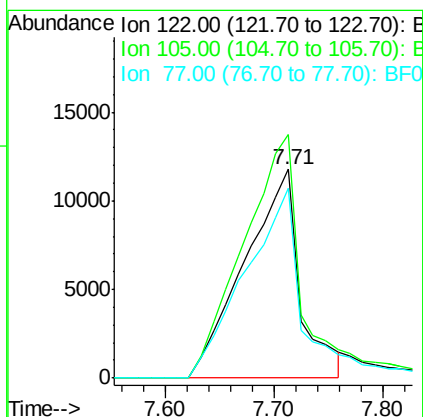
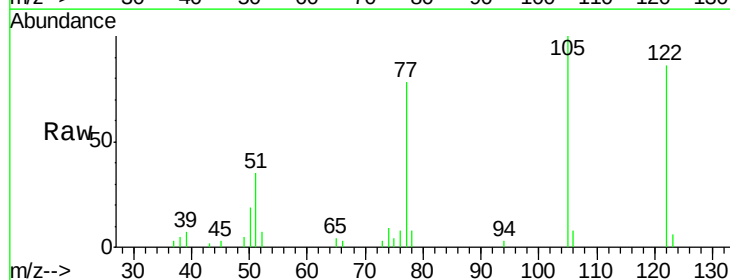
RT: 7.71 min Scan# 571

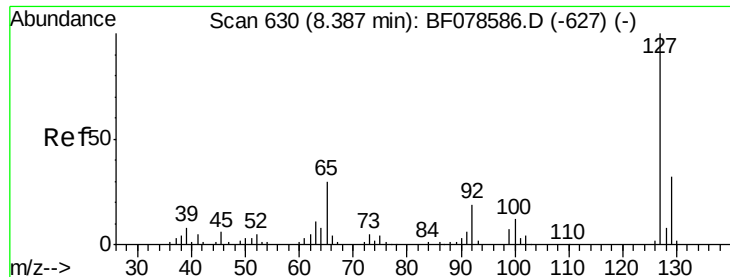
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	122	Resp:	41721
Ion Ratio	Lower	Upper	
122	100		
105	116.5	96.1	136.1
77	90.6	64.1	104.1





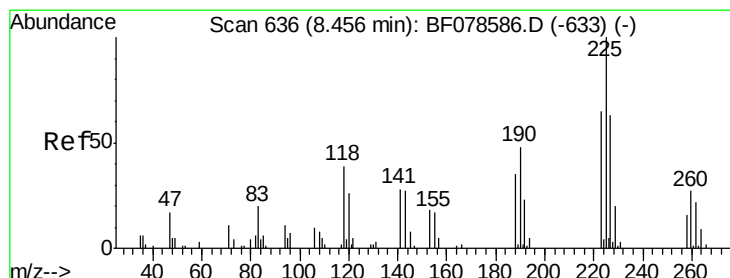
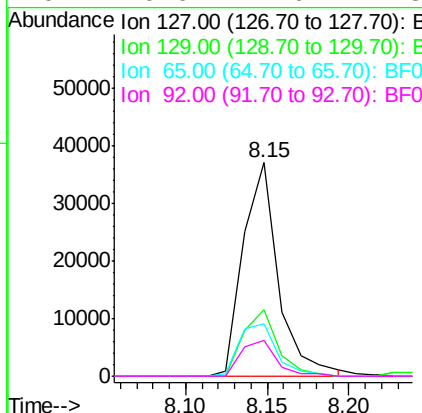
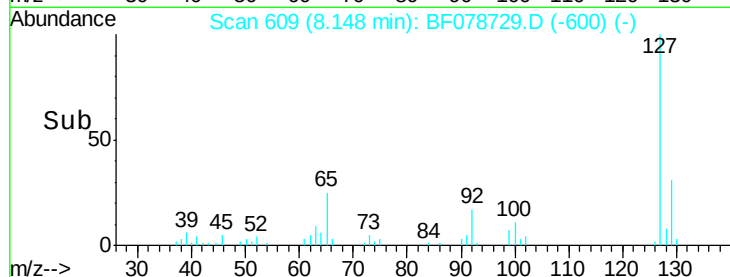
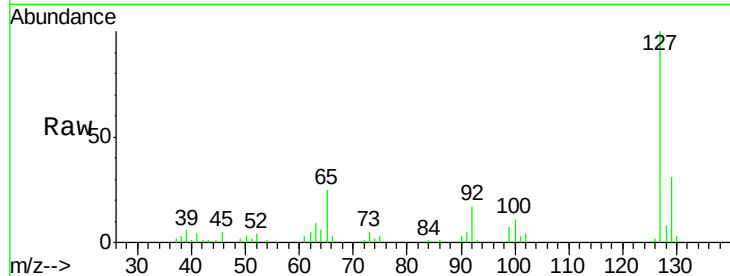
#33
4-Chloroaniline
Concen: 23.29 ng
RT: 8.15 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampled :
PB82885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	25.5	38.3		
65	24.7	21.7	32.5		
92	16.6	14.6	21.8		

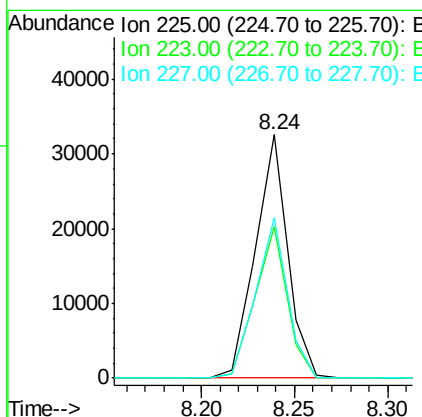
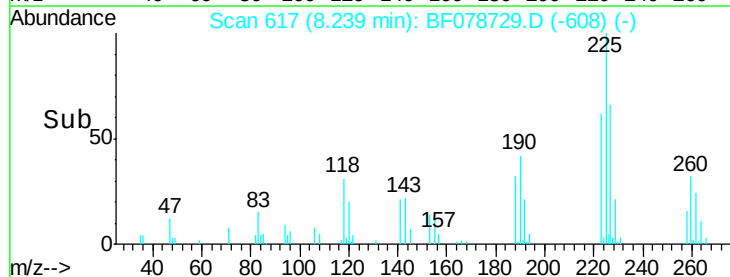
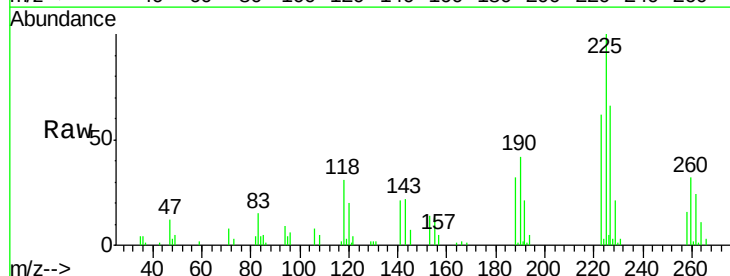
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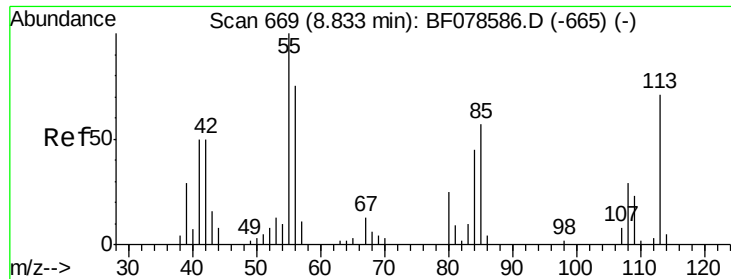
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#34
Hexachlorobutadiene
Concen: 40.35 ng
RT: 8.24 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	47.5	71.3		
227	65.9	50.2	75.2		





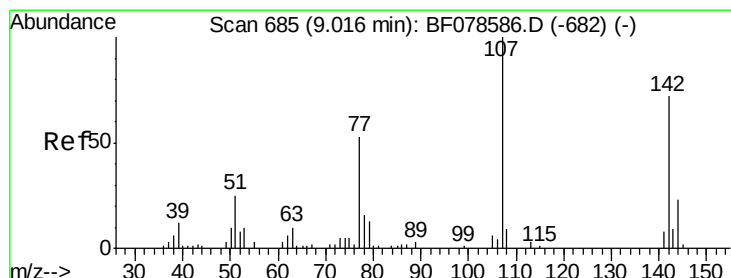
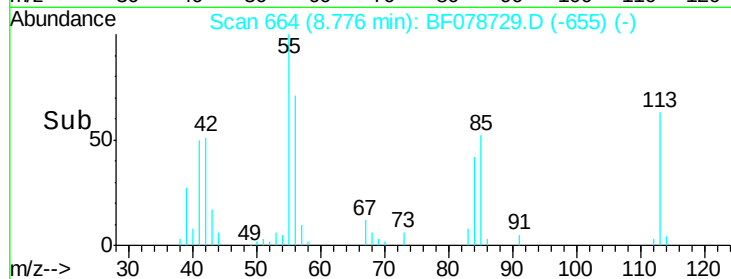
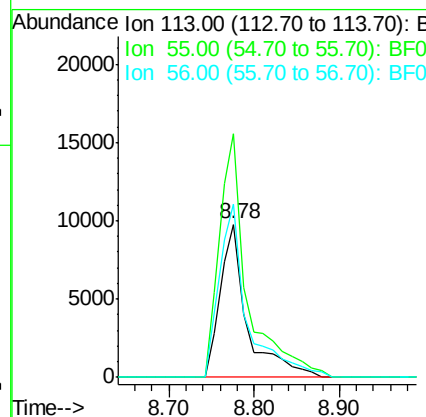
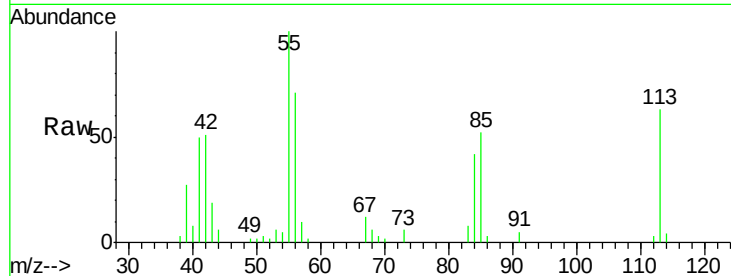
#35
 Caprolactam
 Concen: 46.88 ng/ml
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.3	151.9	191.9
56	113.6	106.1	146.1

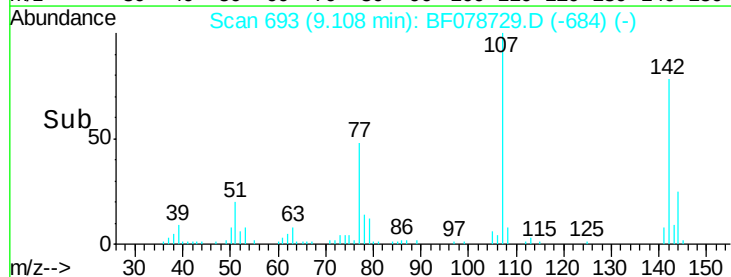
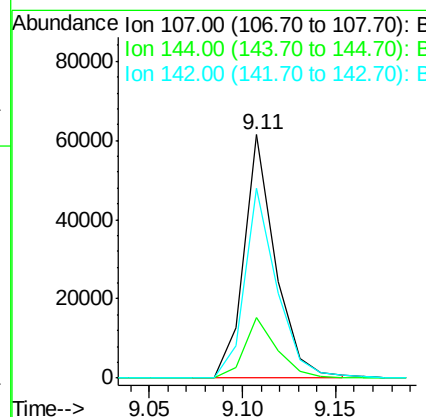
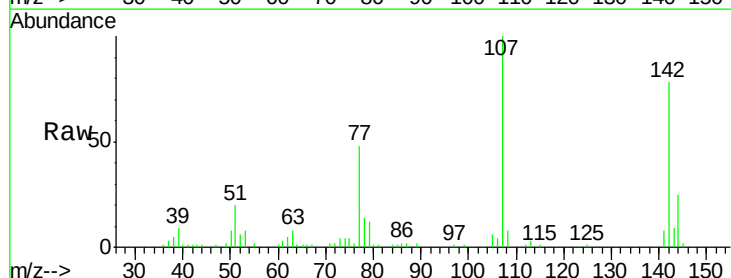
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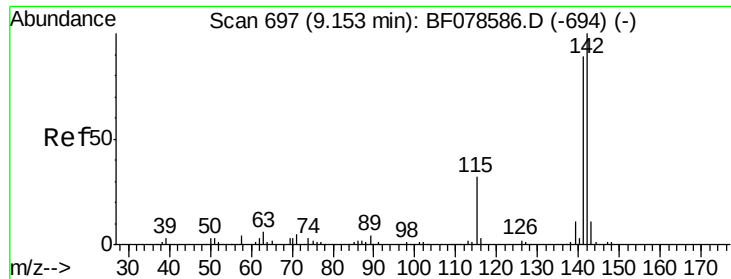
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#36
 4-Chloro-3-methylphenol
 Concen: 46.83 ng/ml
 RT: 9.11 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.2	27.2
142	78.1	58.0	87.0





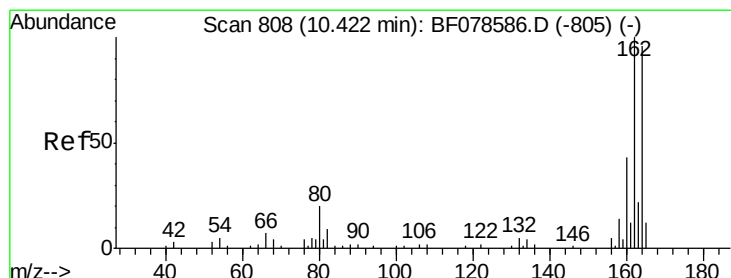
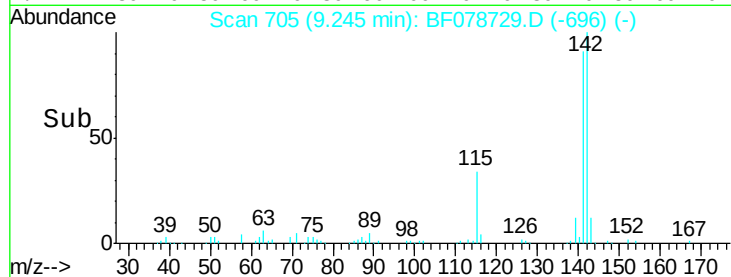
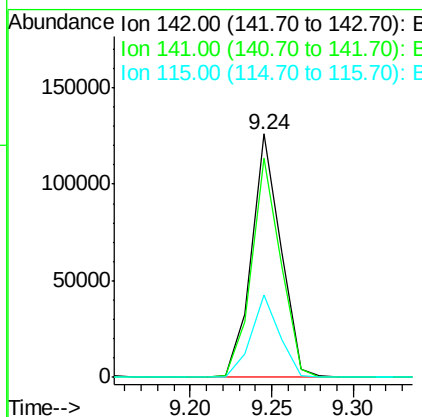
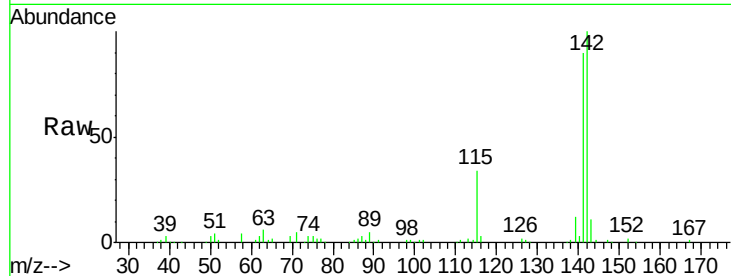
#37
 2-Methylnaphthalene
 Concen: 40.49 ng
 RT: 9.24 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	33.8	24.6	37.0

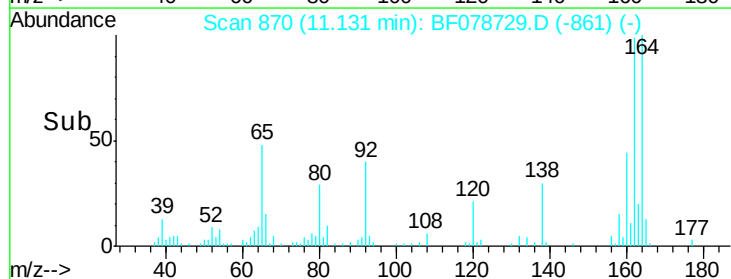
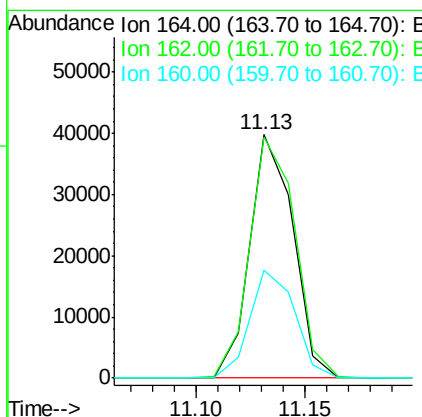
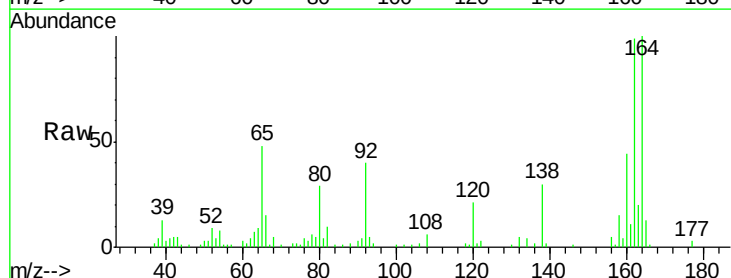
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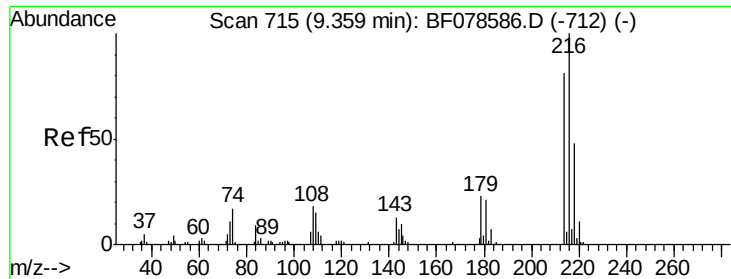
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.2	123.2
160	44.2	34.7	52.1





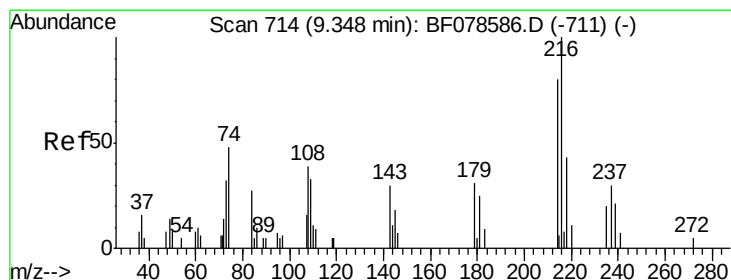
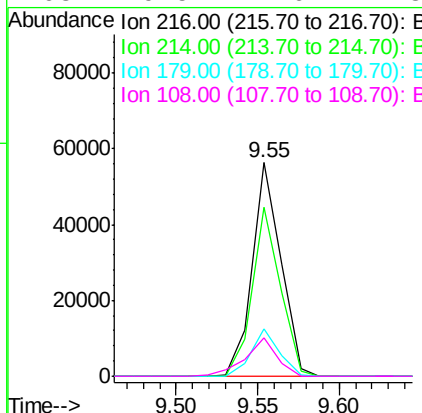
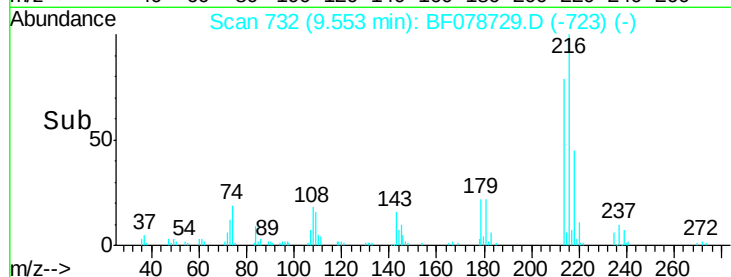
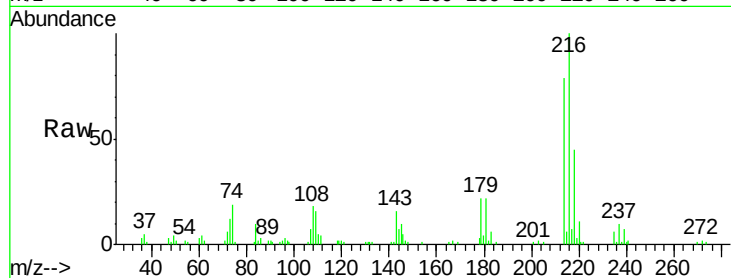
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.12 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

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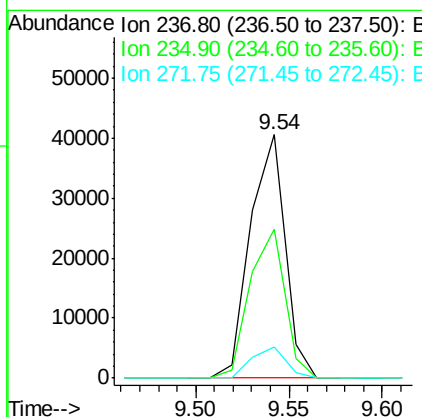
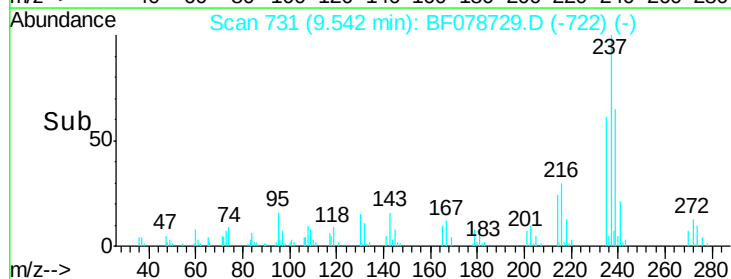
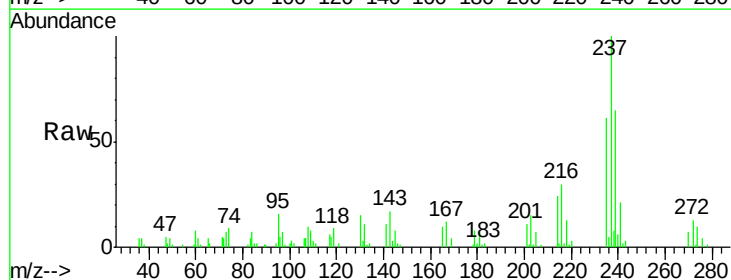
apatel
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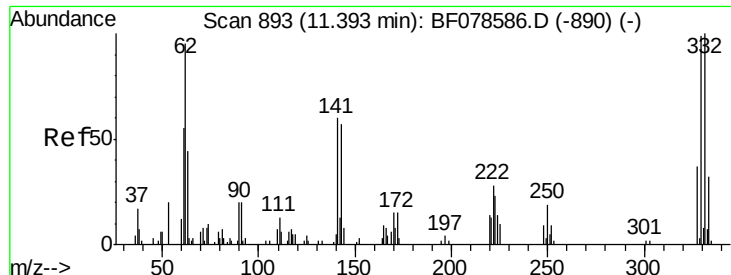
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		68803		
214	77.2		62.0	93.0	
179	21.6		17.3	25.9	
108	19.5		14.6	21.8	



#40
 Hexachlorocyclopentadiene
 Concen: 71.87 ng
 RT: 9.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		52499		
235	61.1		44.1	84.1	
272	12.9		0.0	34.4	





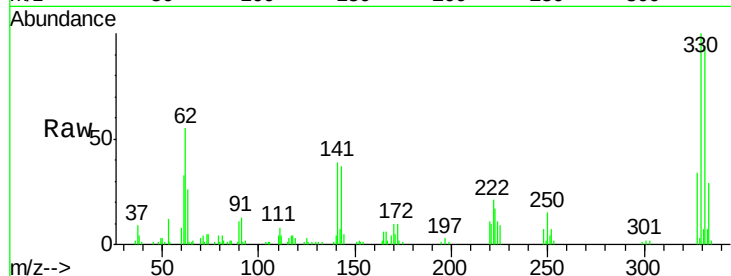
#41
 2,4,6-Tribromophenol
 Concen: 154.60 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleID :
 PB82885BS

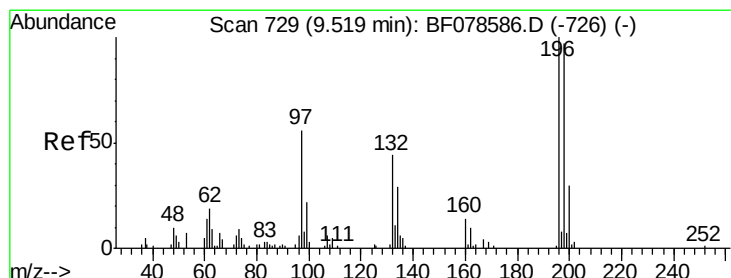
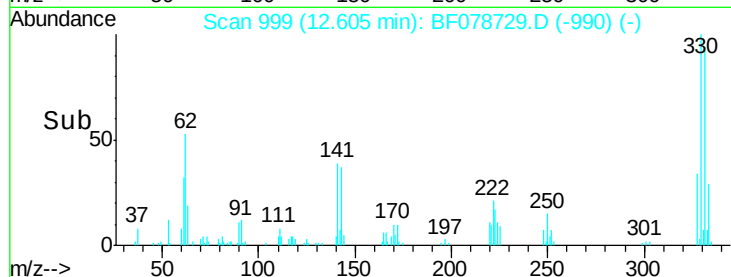
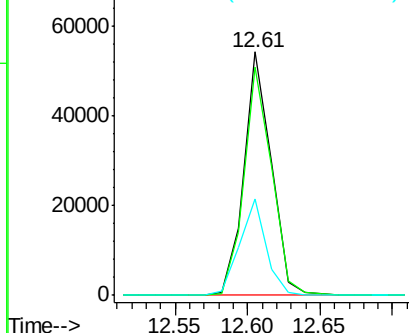
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	78.6	117.8	
141	38.1	31.2	46.8	

Manual Integrations
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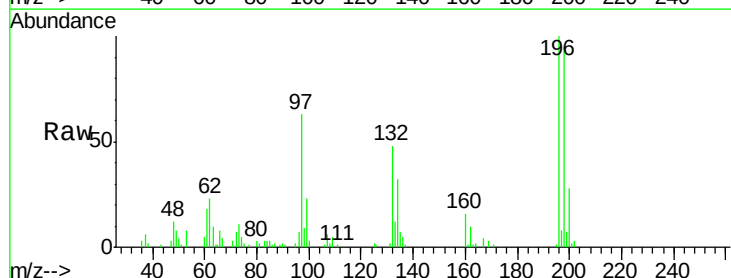


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

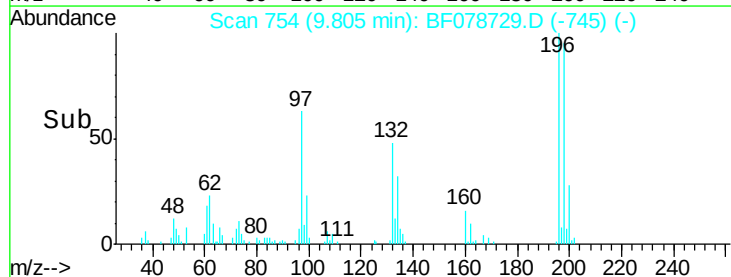
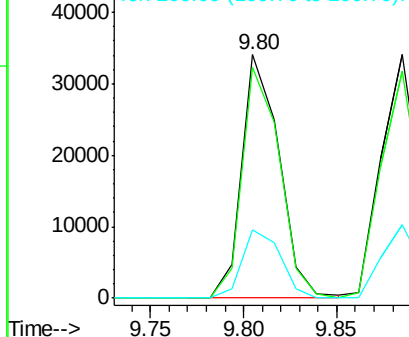


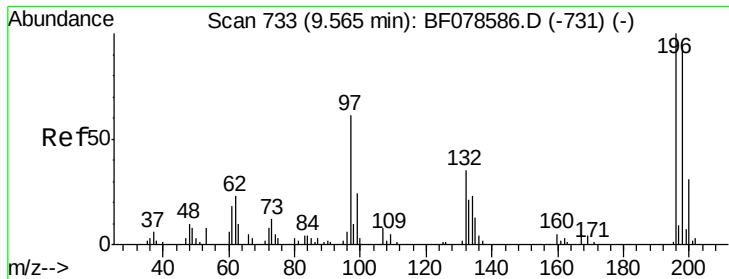
#42
 2,4,6-Trichlorophenol
 Concen: 43.80 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.4	113.2	
200	28.2	24.0	36.0	



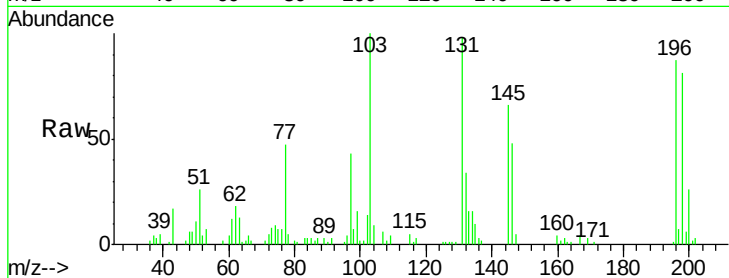
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.26 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

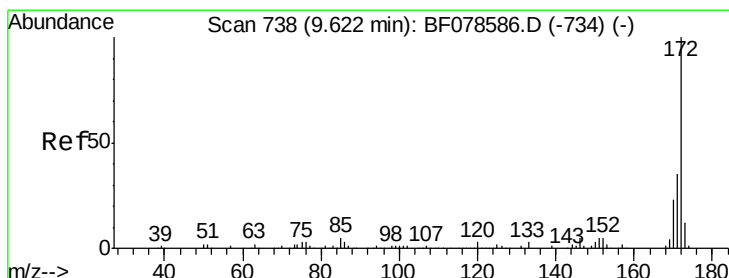
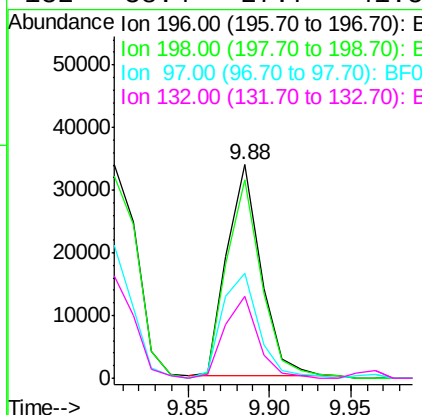
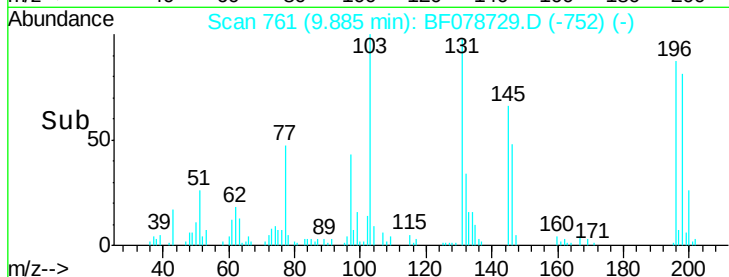
Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS



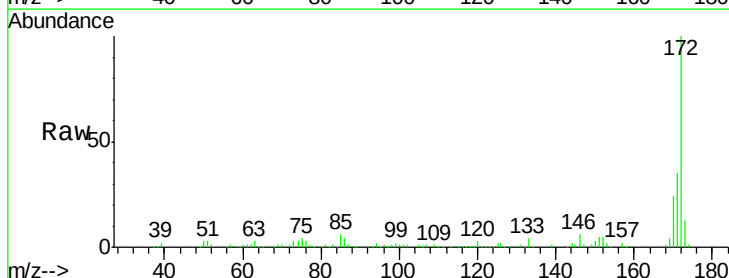
Tot Ion	196	Resp	48873
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.6	115.0
97	49.3	50.6	75.8#
132	38.4	27.7	41.5

Manual Integrations
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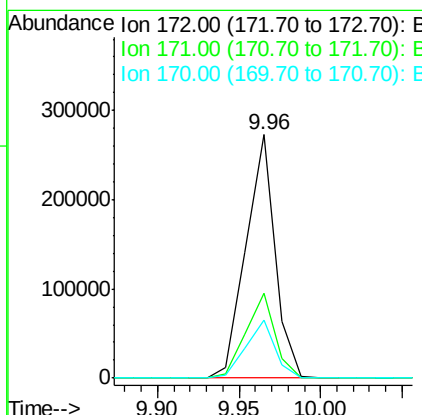
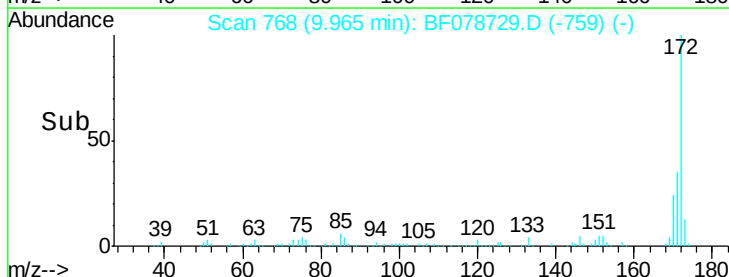
apatel
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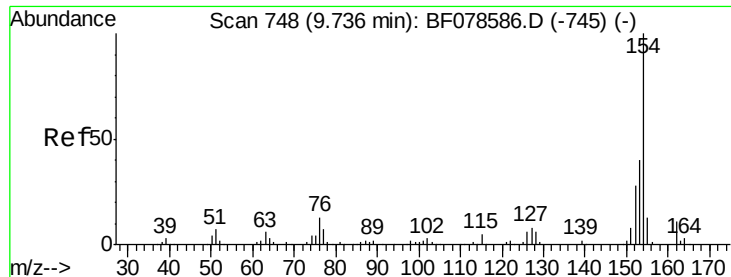


#44
 2-Fluorobiphenyl
 Concen: 87.11 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09



Tgt Ion	172	Resp	337250
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.6	42.8
170	23.7	18.5	27.7





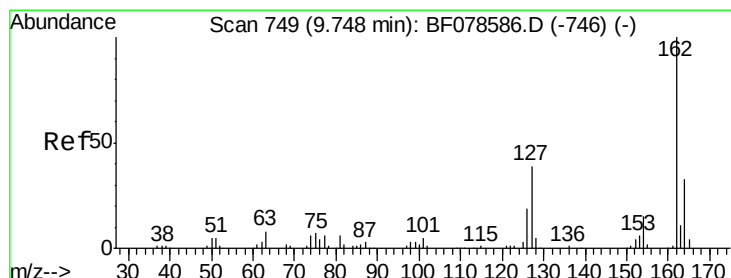
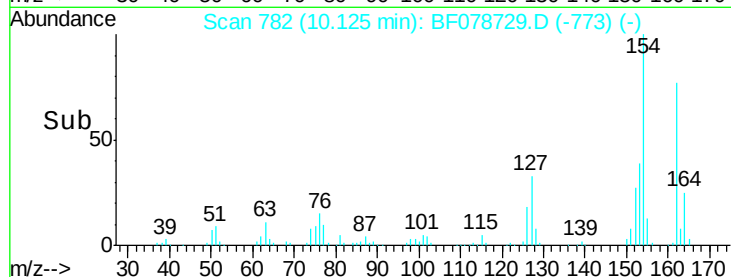
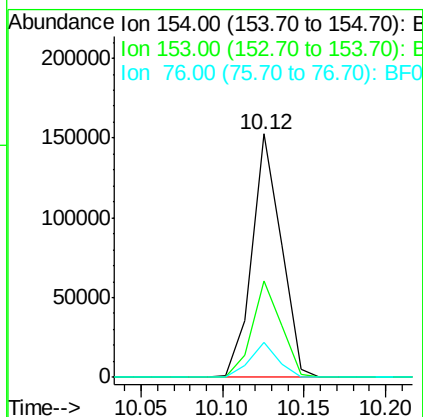
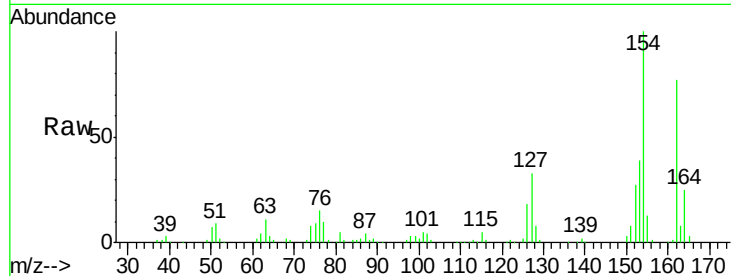
#45
 1,1'-Biphenyl
 Concen: 42.08 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	39.3	20.0	60.0
76	14.5	0.0	30.6

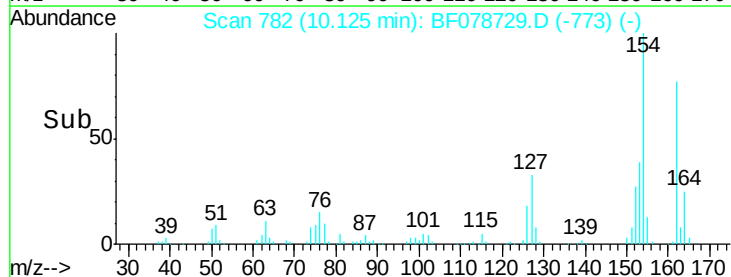
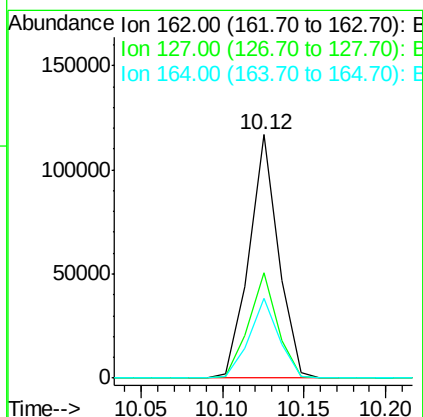
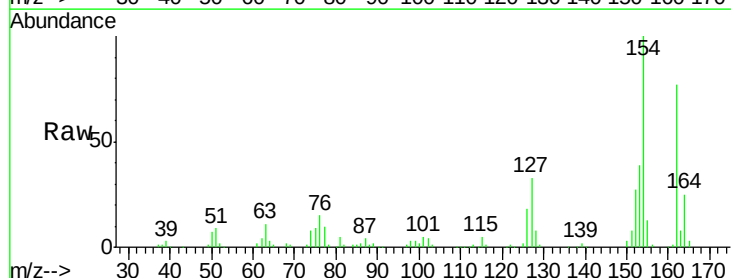
Manual Integrations
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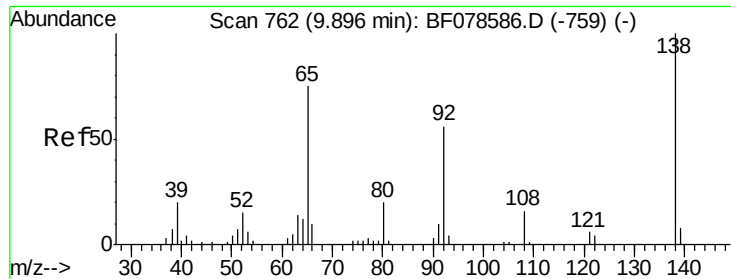
apatel
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#46
 2-Chloronaphthalene
 Concen: 40.95 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	43.2	32.6	49.0
164	32.5	26.0	39.0





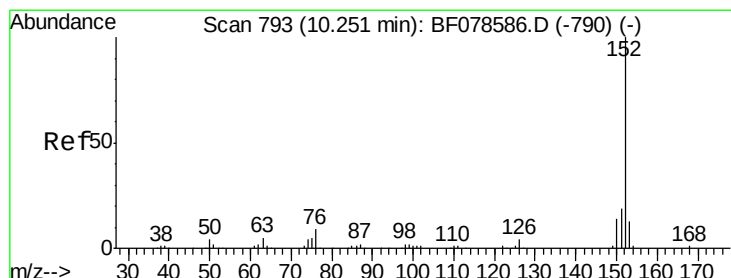
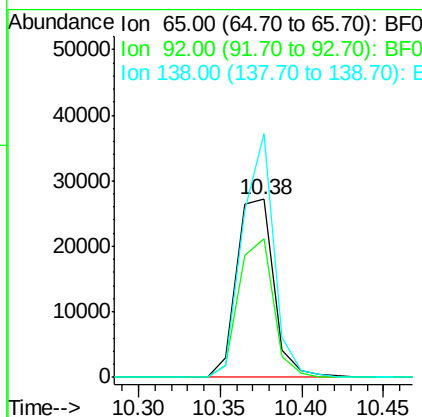
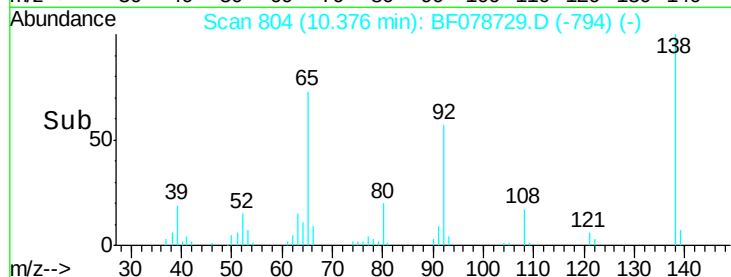
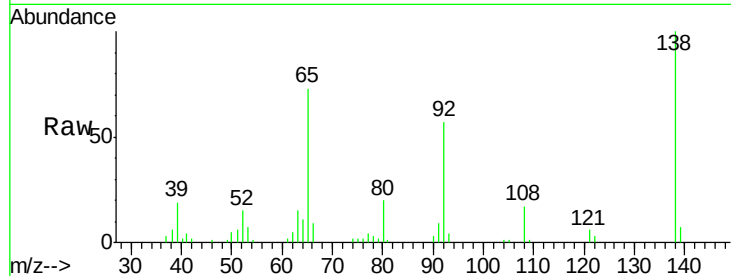
#47
 2-Nitroaniline
 Concen: 48.76 ng
 RT: 10.38 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleID :
 PB82885BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.1	51.3	76.9#
138	136.7	70.4	105.6#

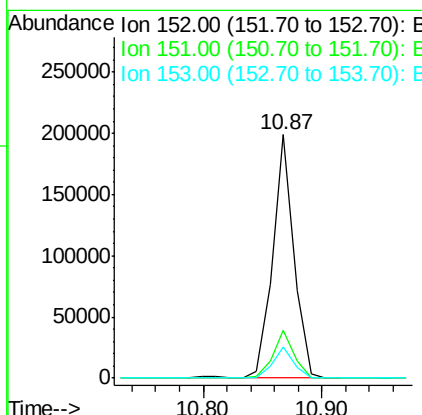
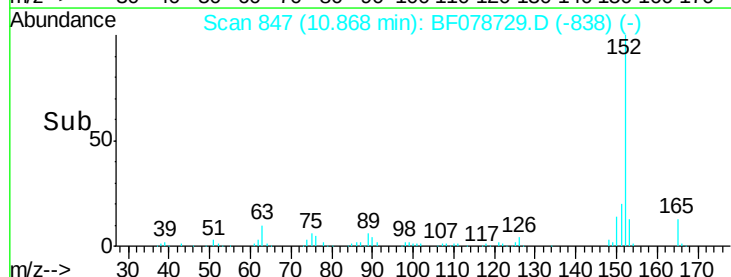
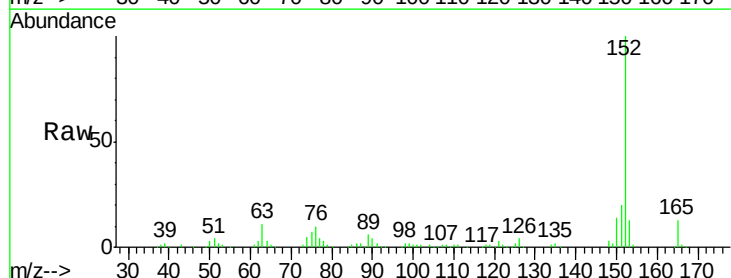
Manual Integrations
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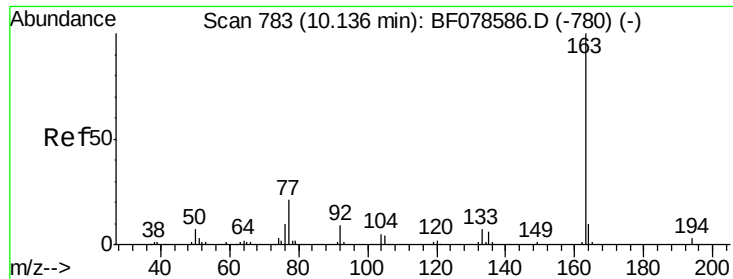
apatel
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#48
 Acenaphthylene
 Concen: 42.76 ng
 RT: 10.87 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

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





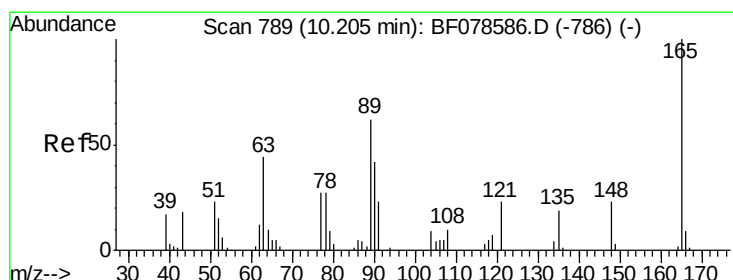
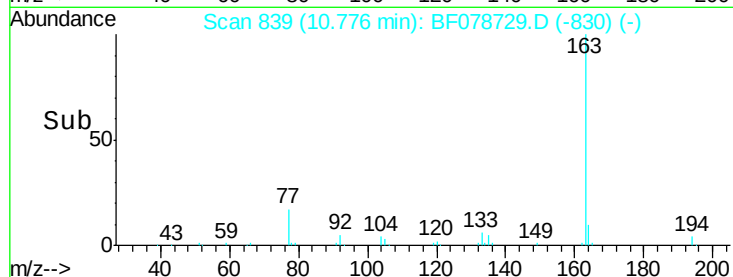
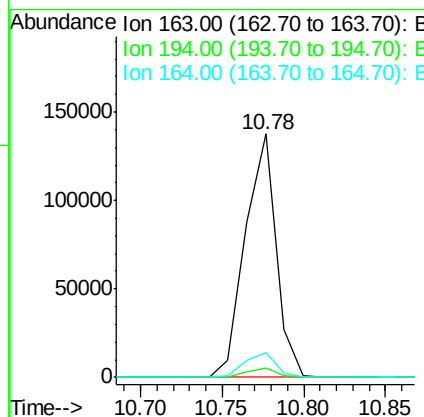
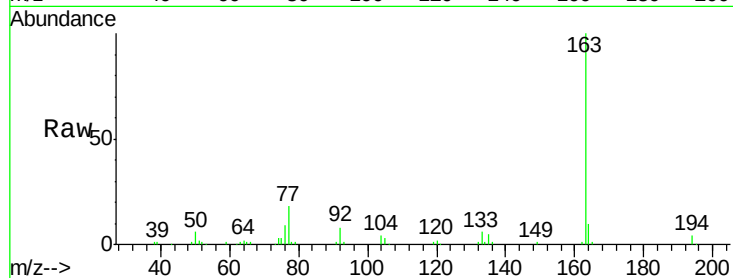
#49
Dimethylphthalate
Concen: 43.44 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	180630		
194	3.7	2.3	3.5#	
164	10.0	8.6	13.0	

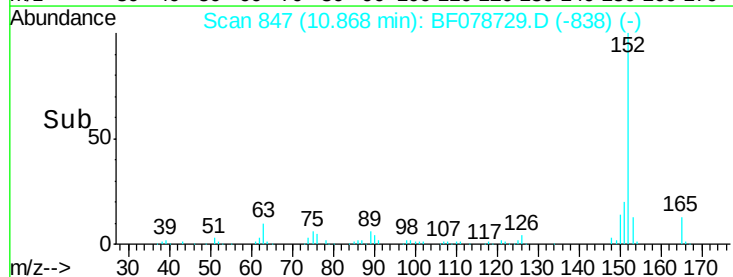
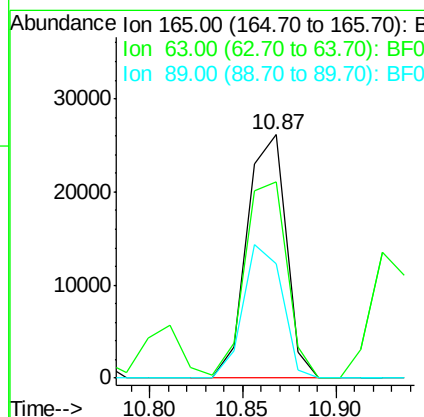
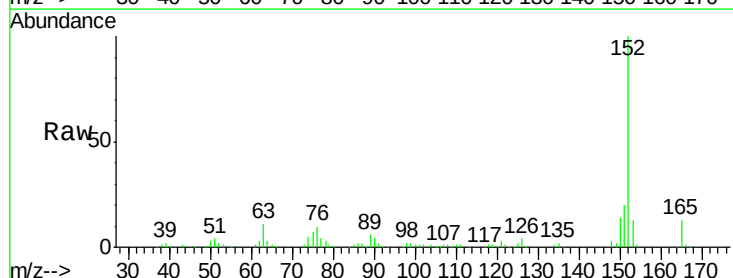
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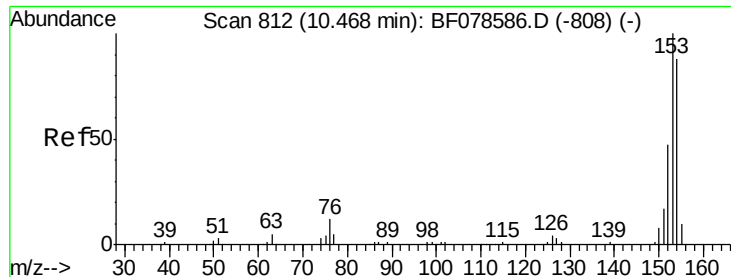
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#50
2,6-Dinitrotoluene
Concen: 44.31 ng
RT: 10.87 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37908		
63	80.4	24.1	36.1#	
89	46.7	28.9	43.3#	





#51

Acenaphthene

Concen: 42.92 ng

RT: 11.20 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF078729.D

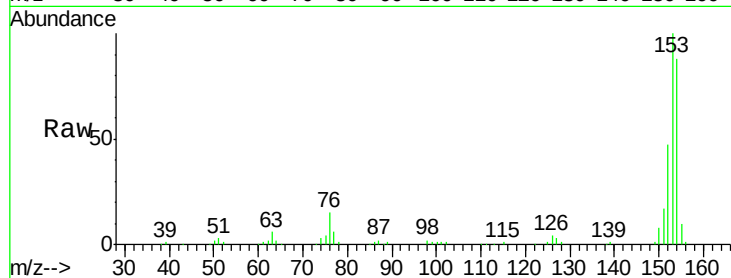
Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

ClientSampleID :

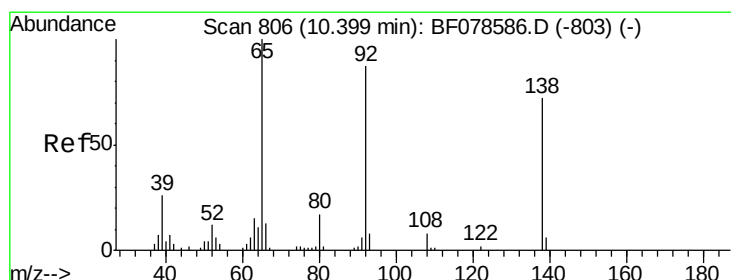
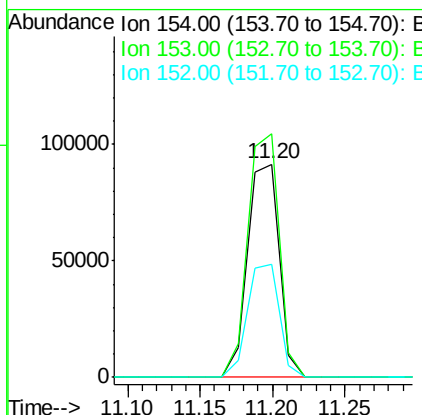
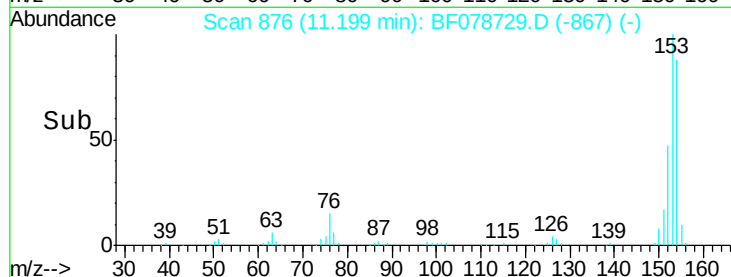
PB82885BS



Tot Ion:	154	Resp:	138991
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.4	137.2
152	53.2	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

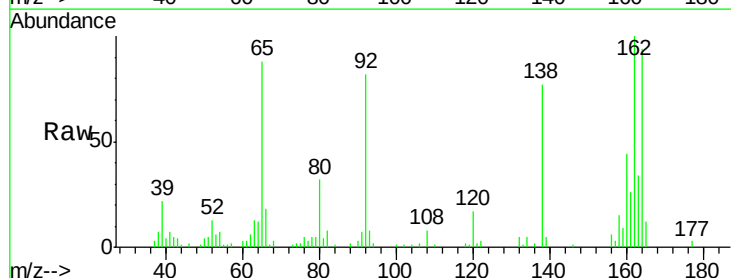
Concen: 32.57 ng

RT: 11.14 min Scan# 871

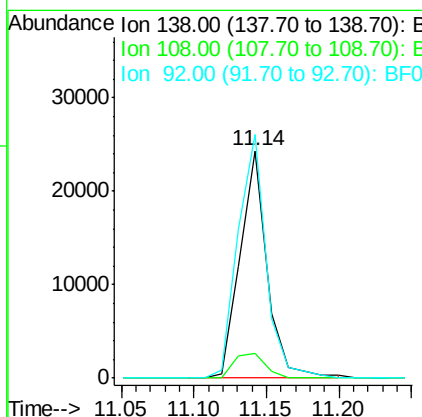
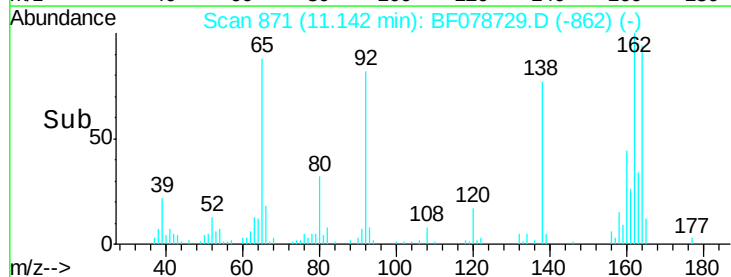
Delta R.T. 0.00 min

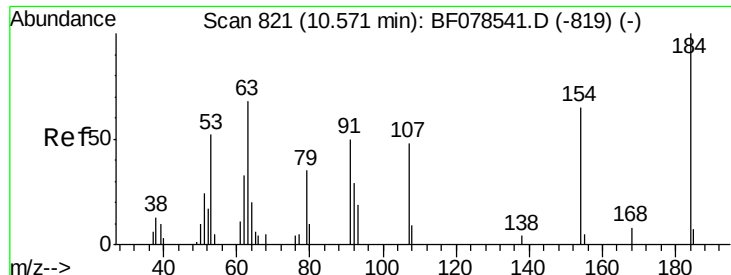
Lab File: BF078729.D

Acq: 22 Apr 2015 22:09



Tgt Ion:	138	Resp:	31684
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.2	12.4
92	107.1	88.4	132.6





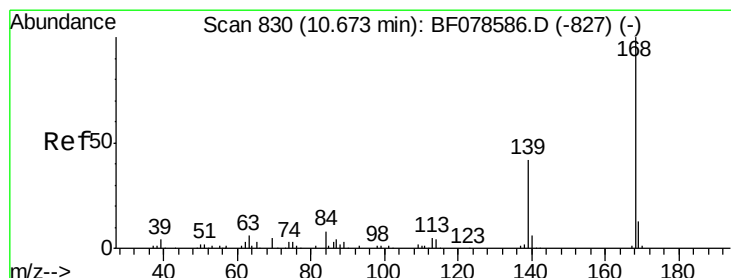
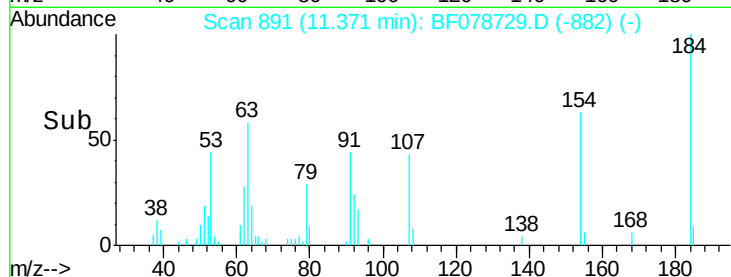
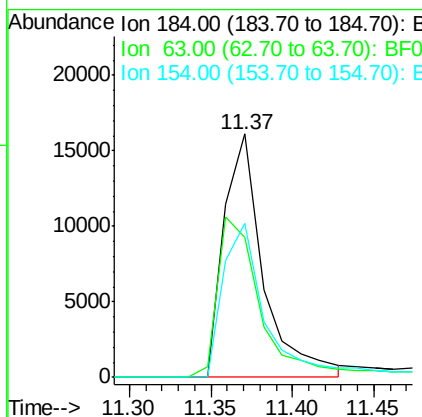
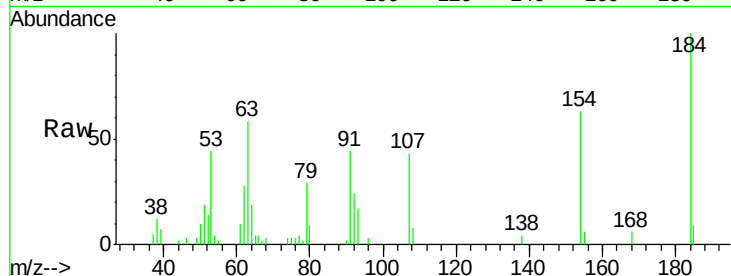
#53
 2,4-Dinitrophenol
 Concen: 80.66 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	26946		
63	57.6		51.9	77.9
154	63.0		51.0	76.4

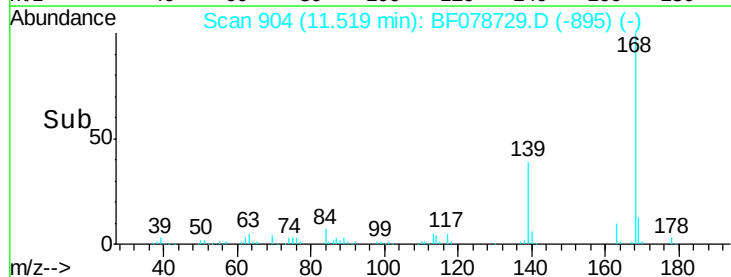
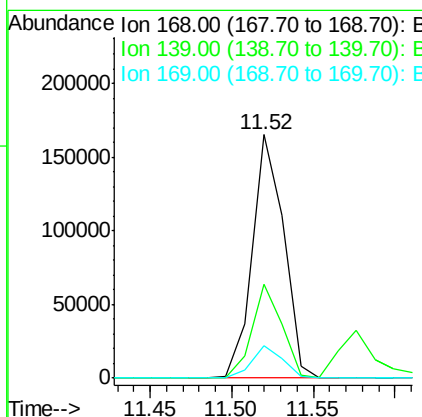
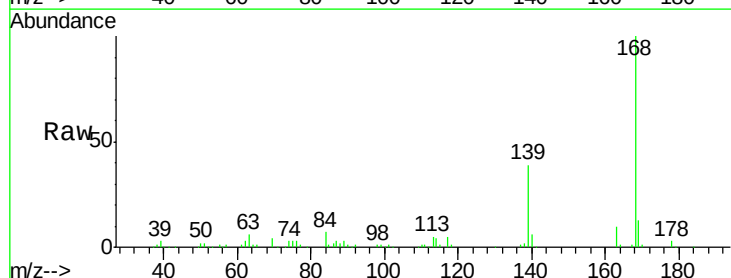
Manual Integrations
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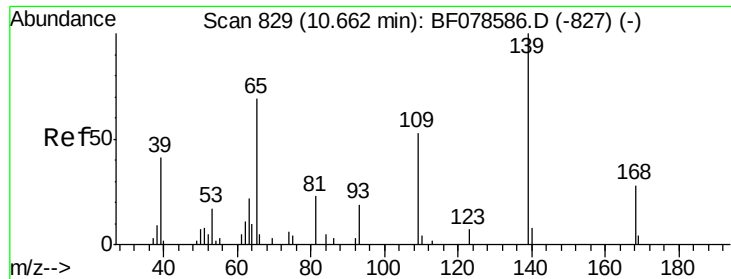
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#54
 Dibenzofuran
 Concen: 44.72 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	221181		
139	38.5		31.0	46.4
169	13.3		10.7	16.1





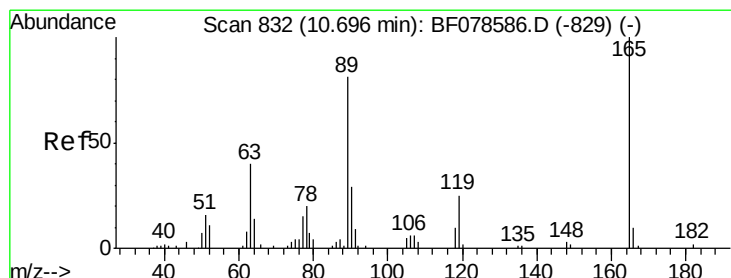
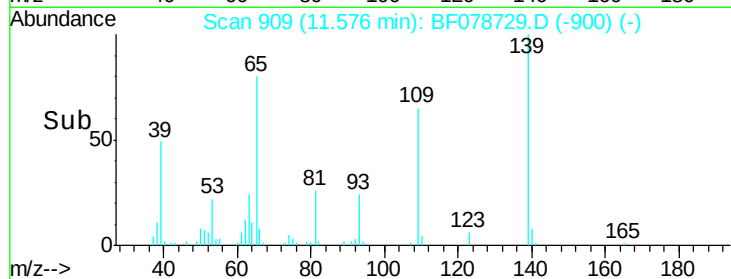
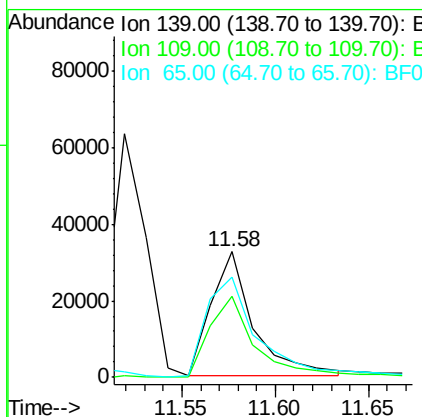
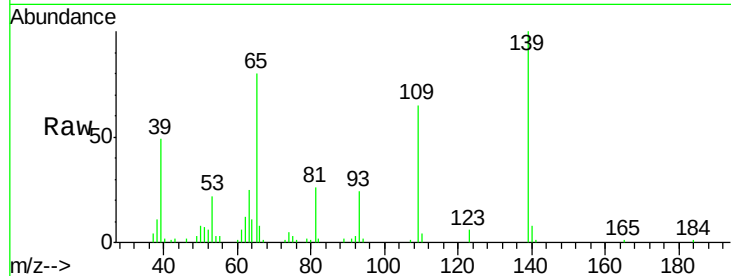
#55
4-Nitrophenol
Concen: 73.07 ng
RT: 11.58 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampled :
PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	52155		
109	64.7	36.7	76.7	
65	80.2	49.9	89.9	

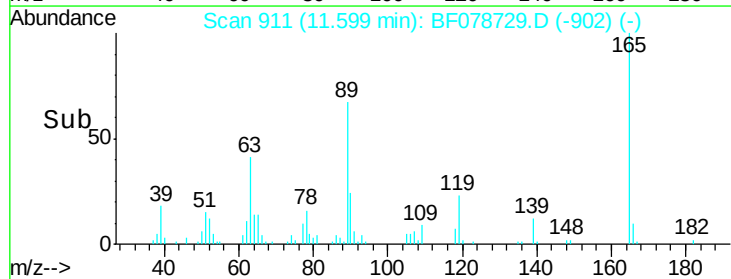
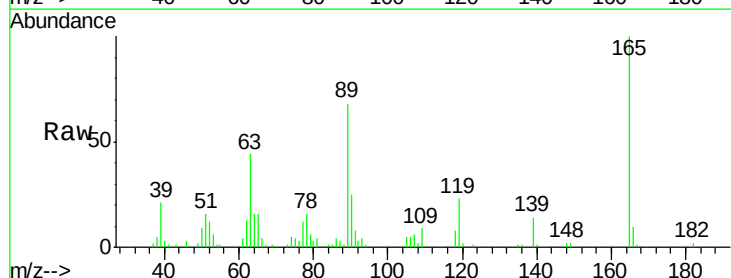
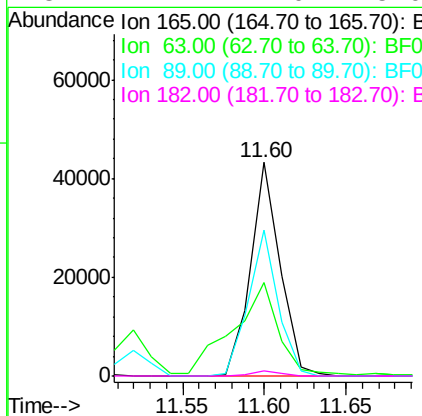
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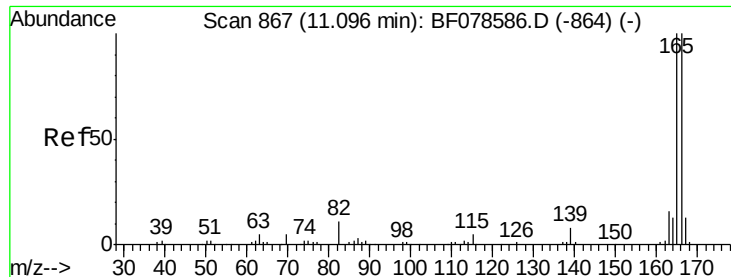
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#56
2,4-Dinitrotoluene
Concen: 49.26 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54572		
63	44.0	26.5	39.7#	
89	68.4	46.4	69.6	
182	2.2	2.0	3.0	





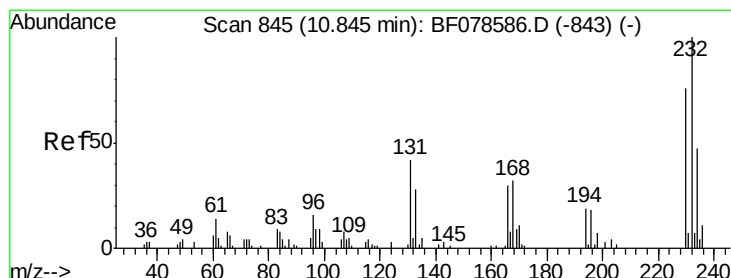
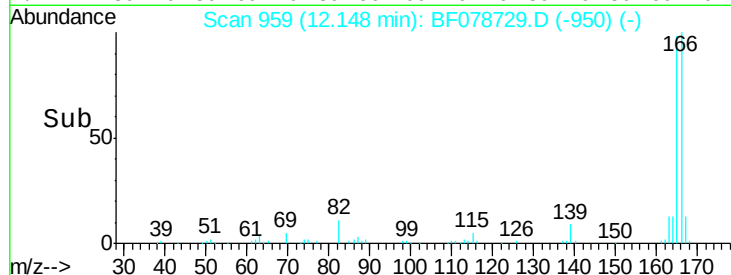
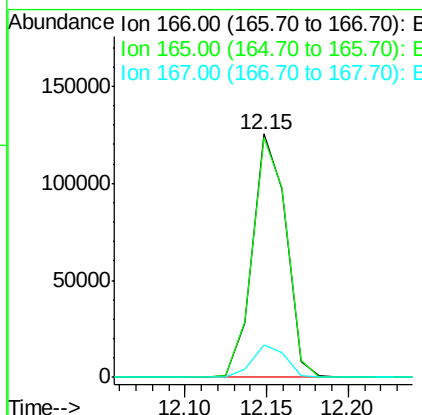
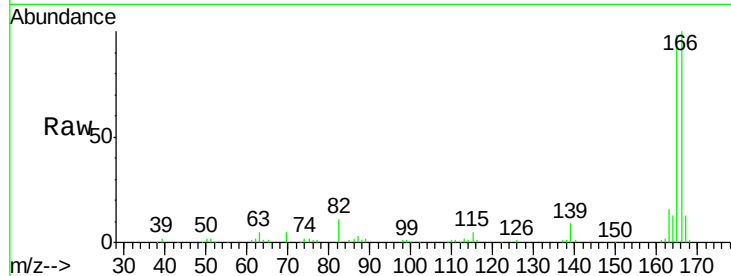
#57
 Fluorene
 Concen: 44.62 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	178899		
165	98.4	78.9	118.3	
167	13.2	10.7	16.1	

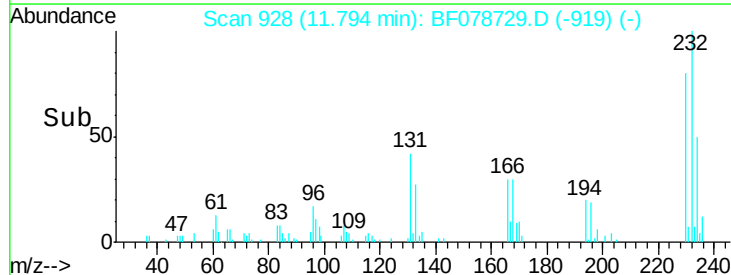
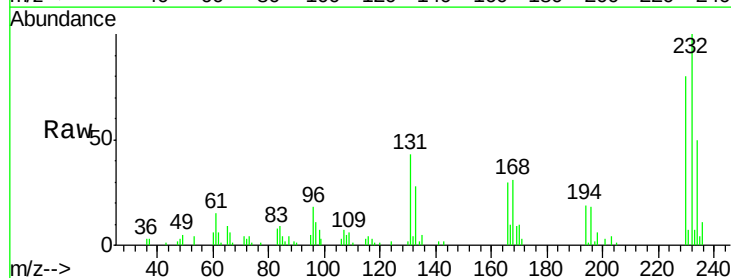
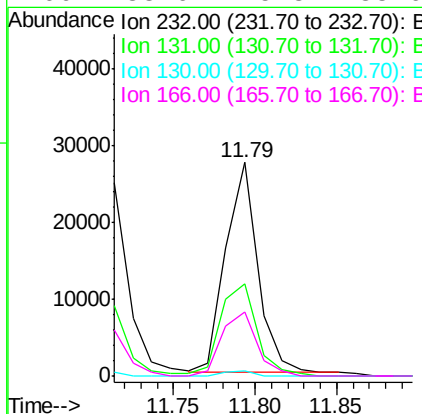
Manual Integrations
 APPROVED

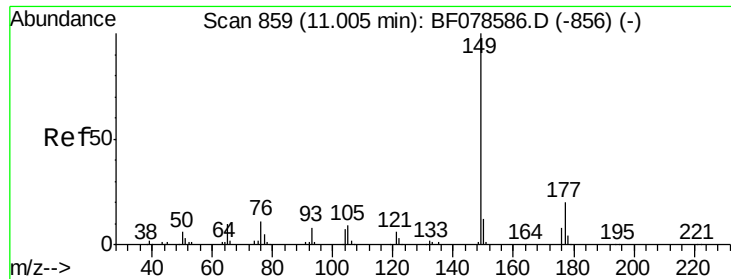
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.05 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	36899		
131	50.0	37.8	56.8	
130	2.0	1.5	2.3	
166	33.6	25.8	38.6	





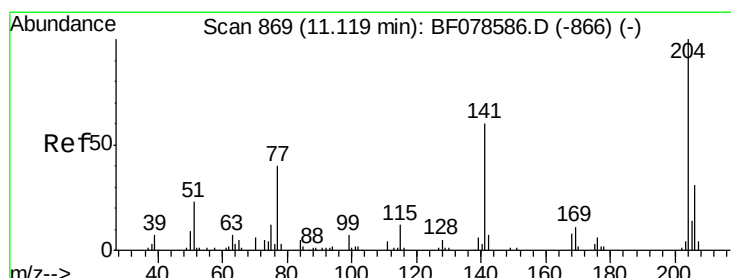
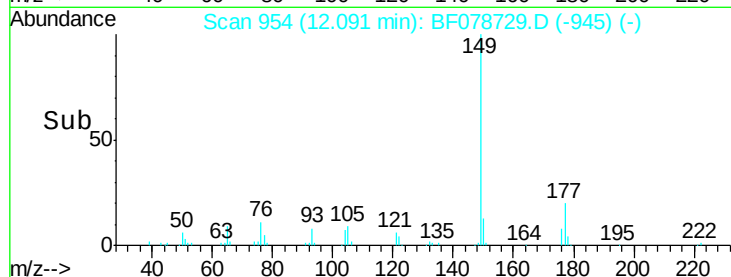
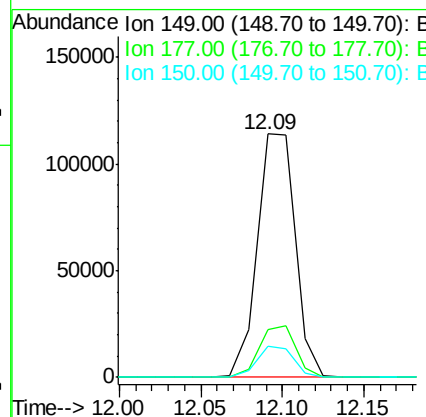
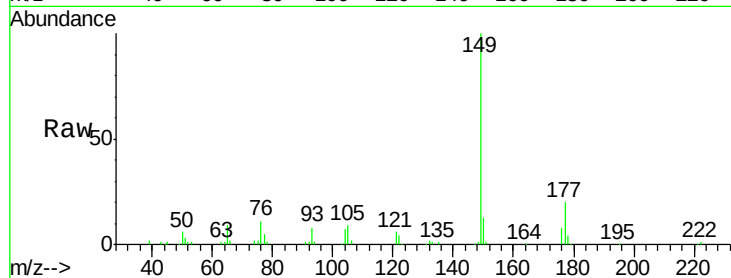
#59
Diethylphthalate
Concen: 46.12 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	184914		
177	19.8	17.4	26.2	
150	12.8	9.4	14.2	

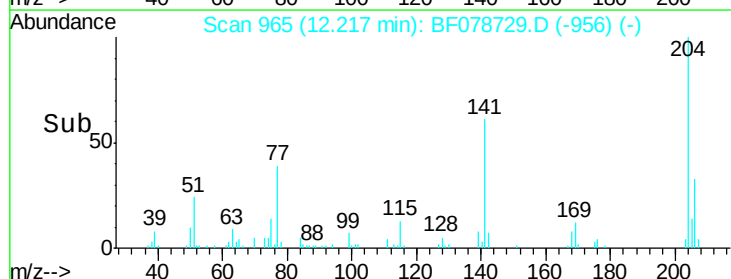
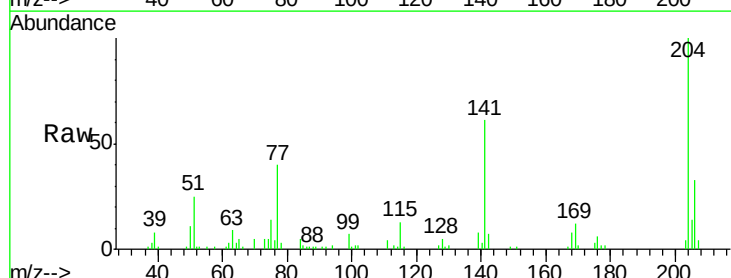
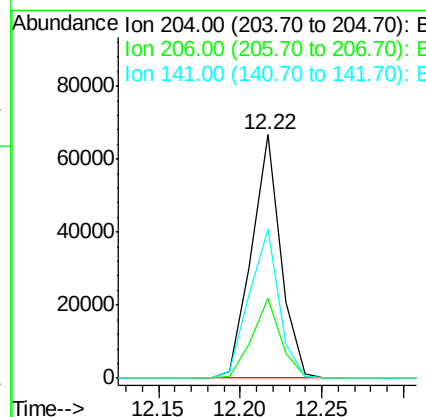
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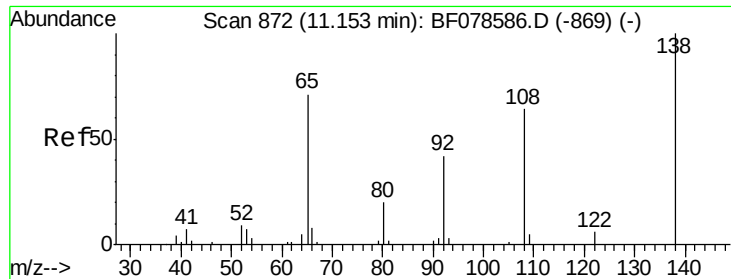
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#60
4-Chlorophenyl-phenylether
Concen: 44.77 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	82568		
206	32.6	25.6	38.4	
141	61.0	35.4	53.0	





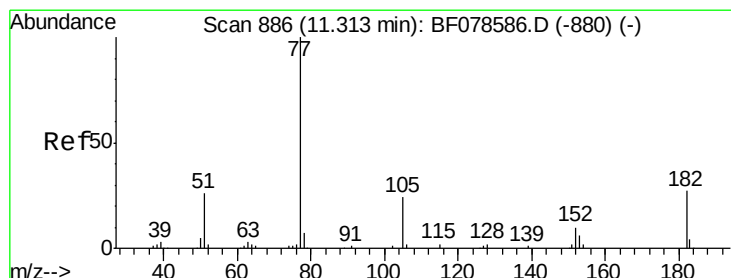
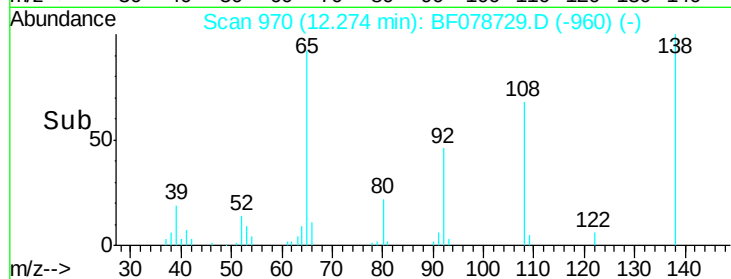
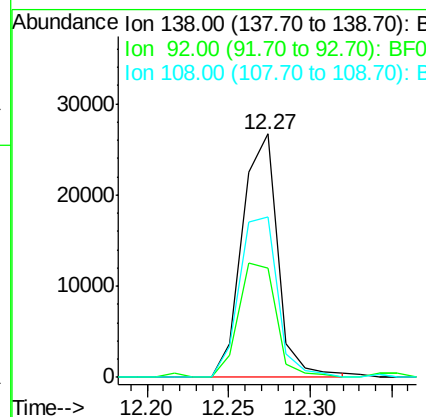
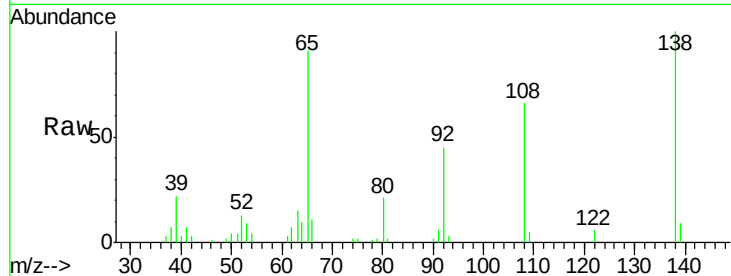
#61
 4-Nitroaniline
 Concen: 40.85 ng
 RT: 12.27 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion:	138	Resp:	40162
Ion Ratio	Lower	Upper	
138	100		
92	44.7	27.3	67.3
108	65.9	47.2	87.2

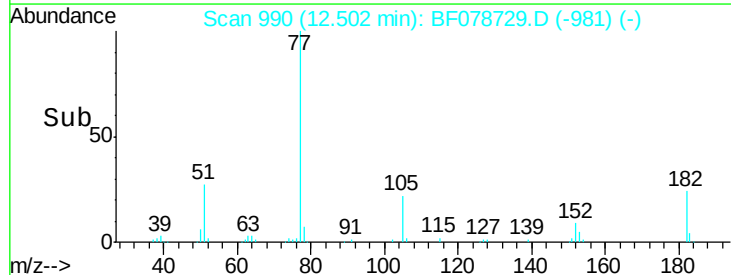
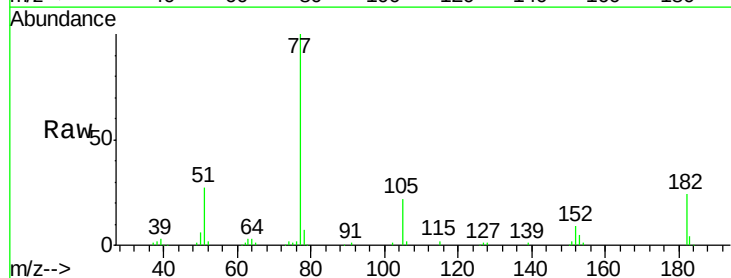
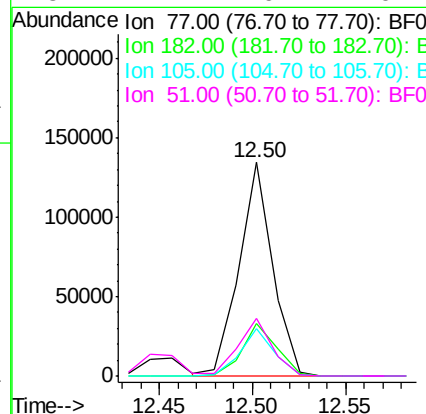
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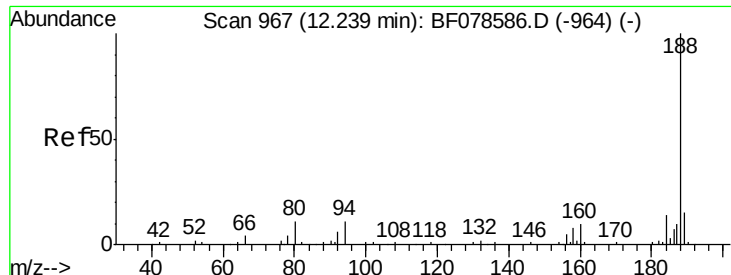
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#62
 Azobenzene
 Concen: 46.24 ng
 RT: 12.50 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion:	77	Resp:	169177
Ion Ratio	Lower	Upper	
77	100		
182	24.4	0.0	36.8
105	22.1	0.3	40.3
51	27.1	9.1	49.1





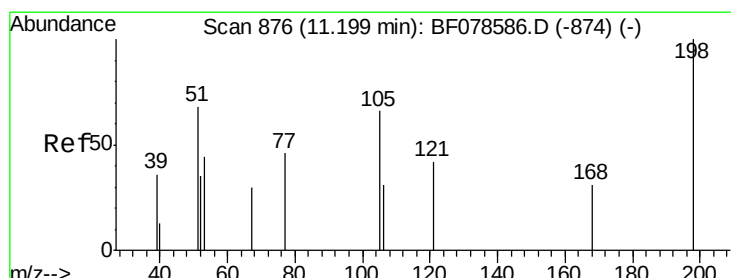
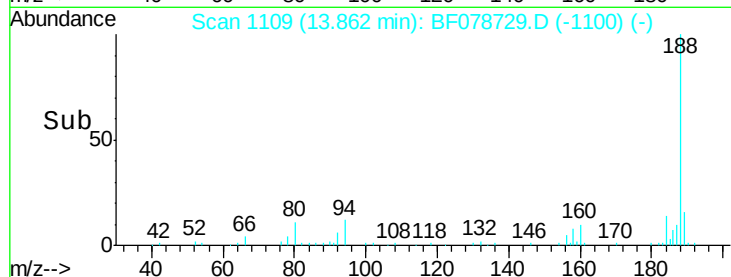
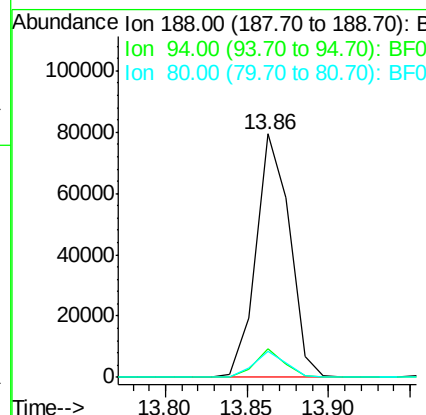
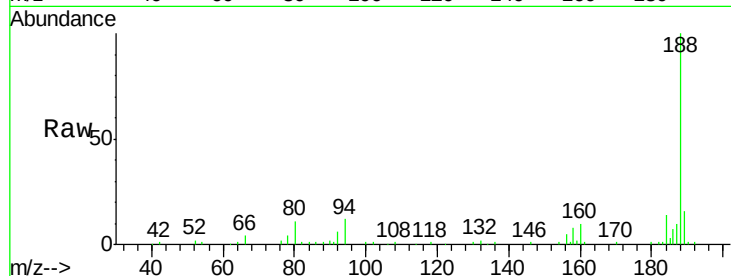
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampled :
 PB82885BS

Tot Ion	188	Resp	113579
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.0	13.4
80	10.7	9.5	14.3

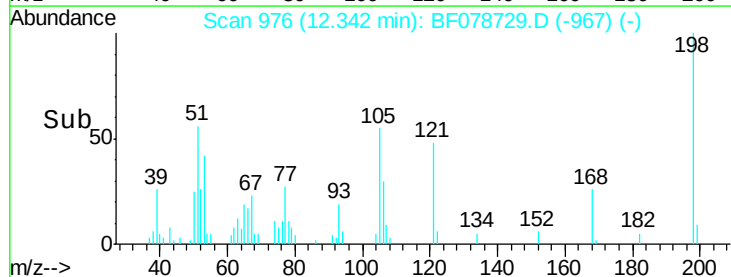
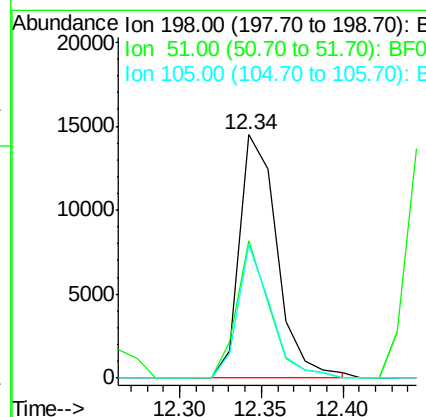
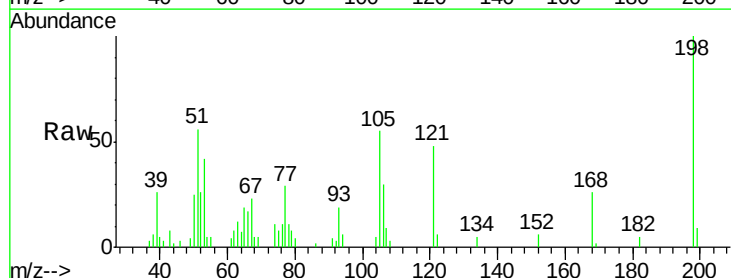
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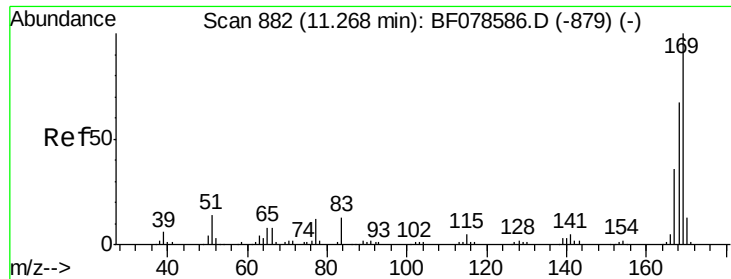
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.34 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	198	Resp	23177
Ion Ratio	Lower	Upper	
198	100		
51	56.4	48.6	88.6
105	55.0	45.8	85.8





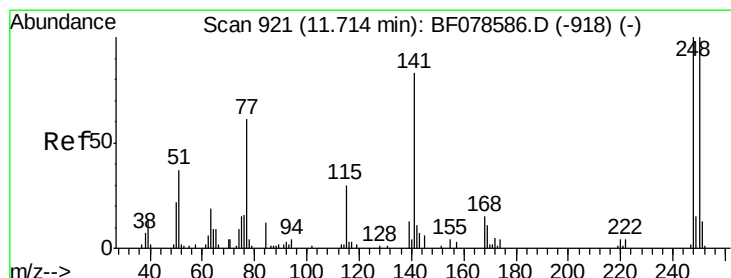
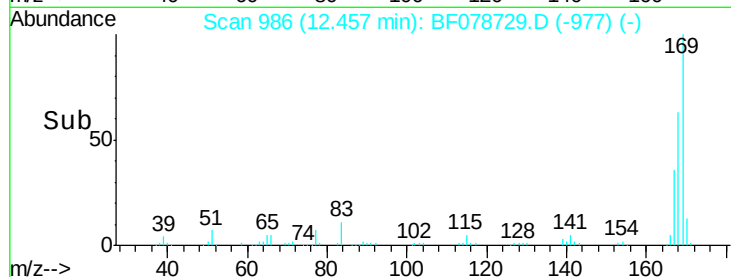
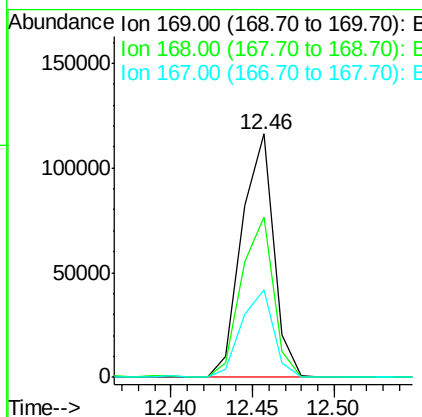
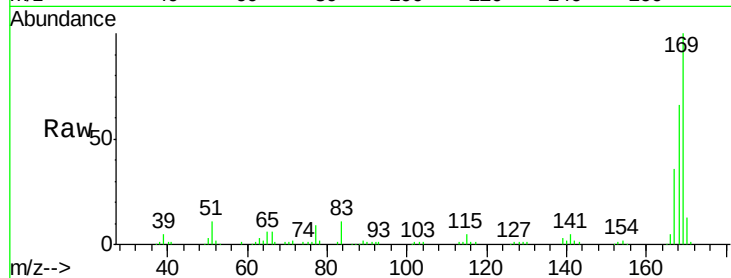
#65
 n-Nitrosodiphenylamine
 Concen: 39.96 ng
 RT: 12.46 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	156977		
168	65.8		55.0	82.4
167	35.7		29.3	43.9

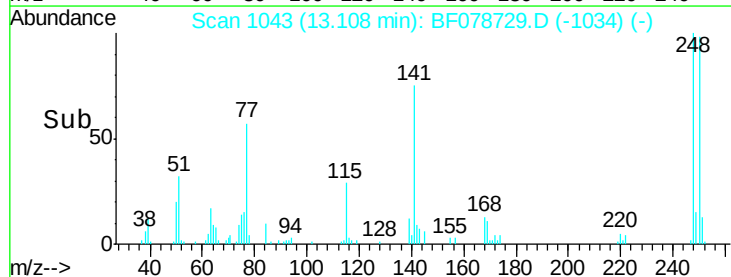
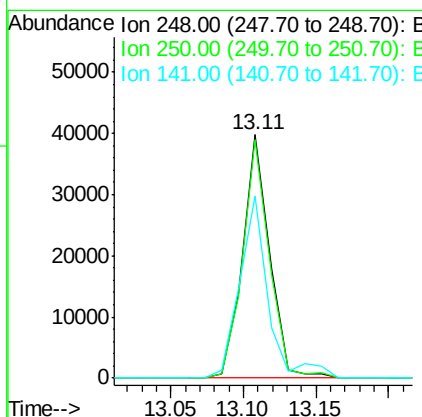
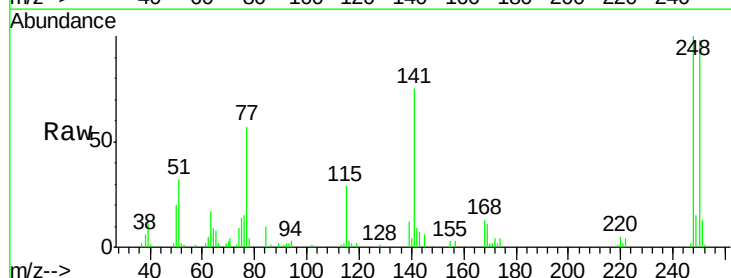
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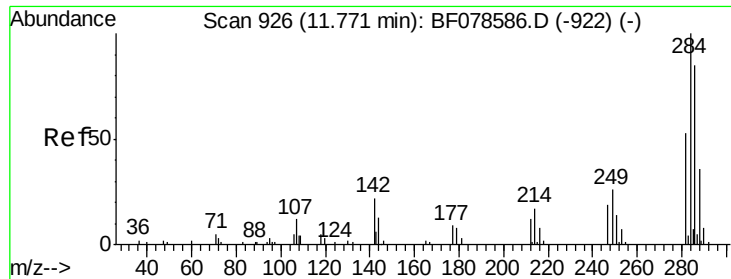
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#66
 4-Bromophenyl-phenylether
 Concen: 42.41 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	51015		
250	97.9		78.2	117.2
141	74.6		66.4	99.6





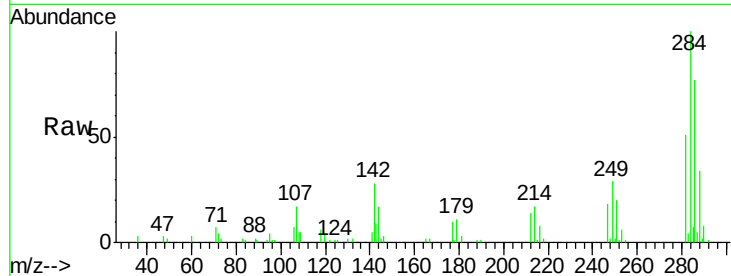
#67
Hexachlorobenzene
Concen: 41.34 ng
RT: 13.15 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

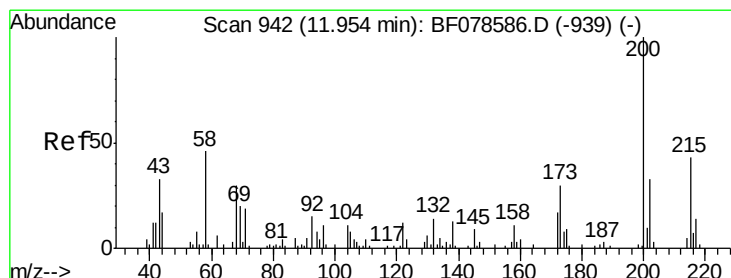
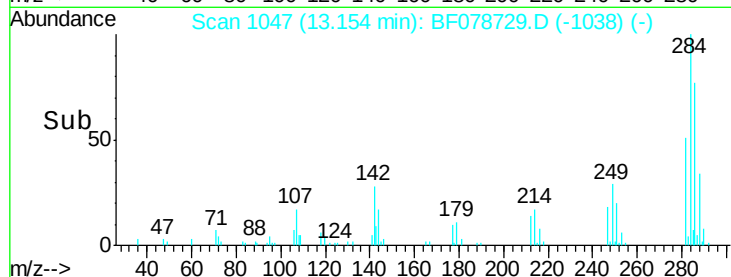
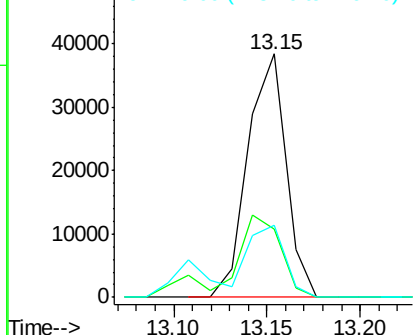
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.2	24.5	36.7
249	29.4	24.8	37.2

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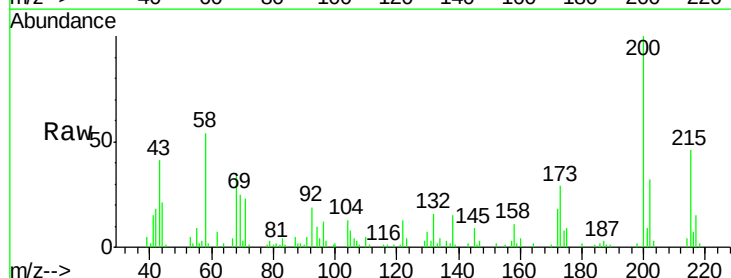


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

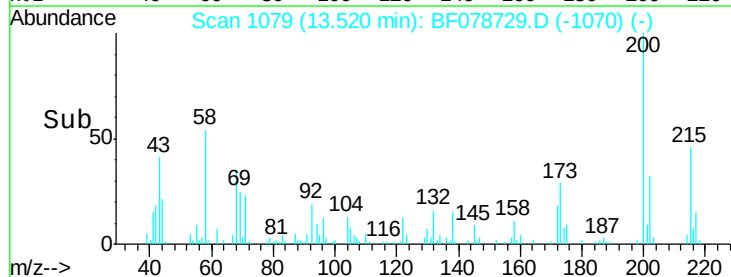
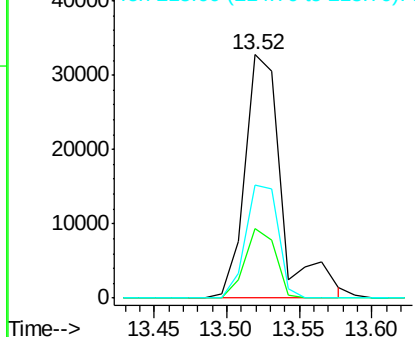


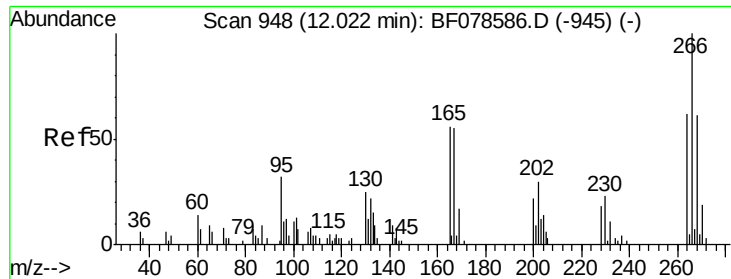
#68
Atrazine
Concen: 50.99 ng
RT: 13.52 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.9	46.9
215	46.3	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





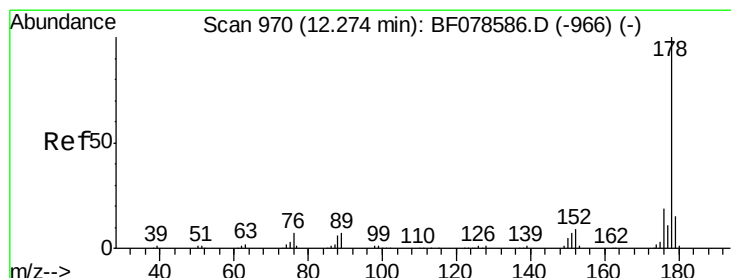
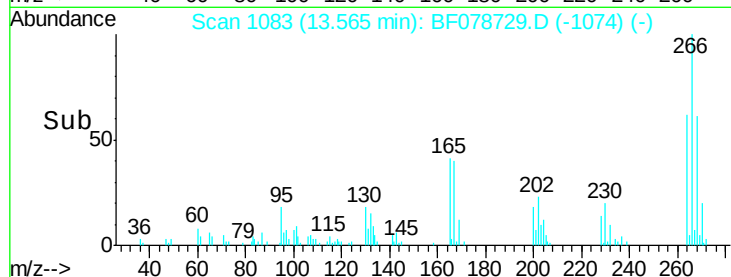
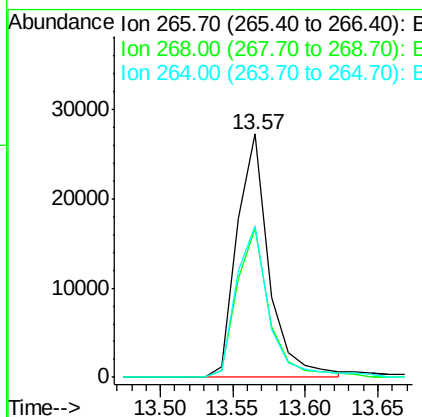
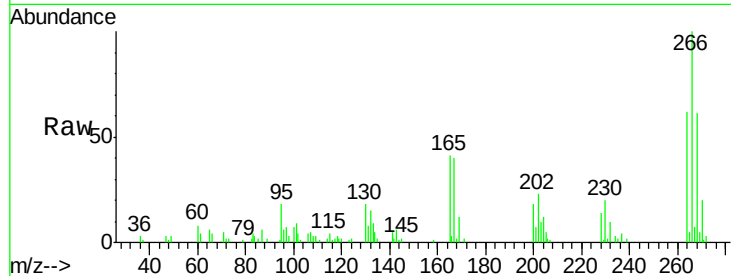
#69
 Pentachlorophenol
 Concen: 72.36 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	41817		
268	61.3	50.1	75.1	
264	62.2	50.0	75.0	

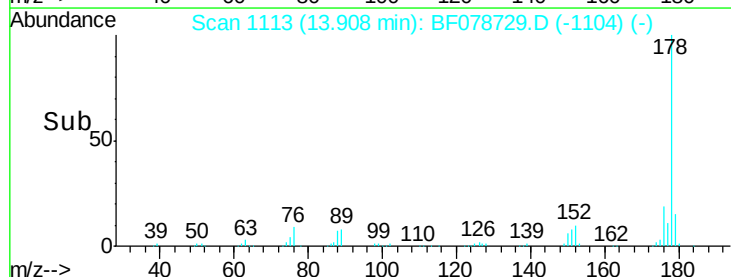
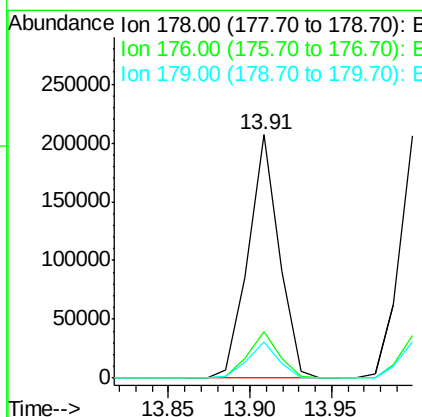
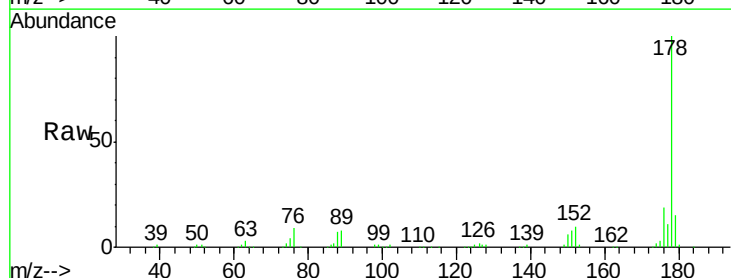
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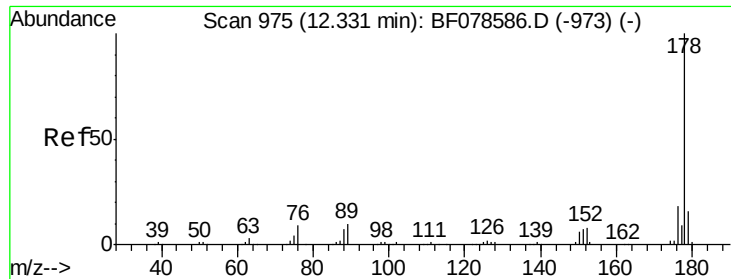
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#70
 Phenanthrene
 Concen: 41.22 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	270795		
176	18.9	15.4	23.0	
179	15.1	12.2	18.2	





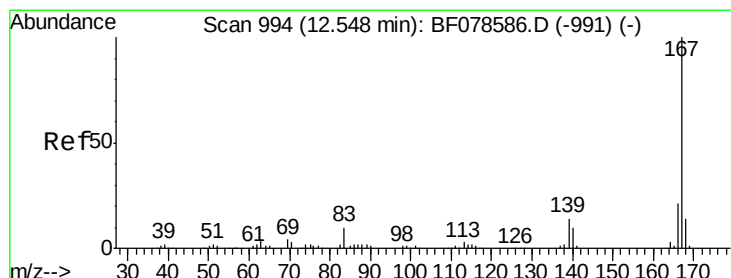
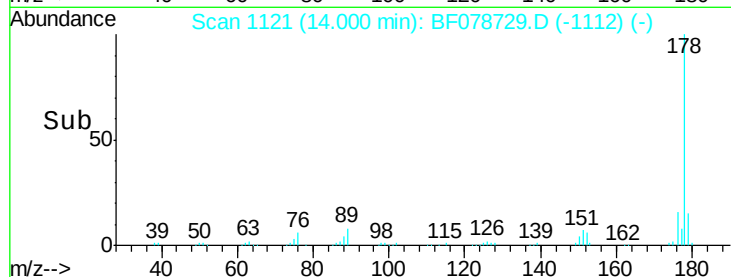
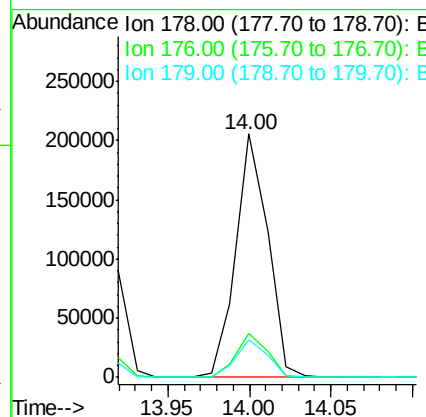
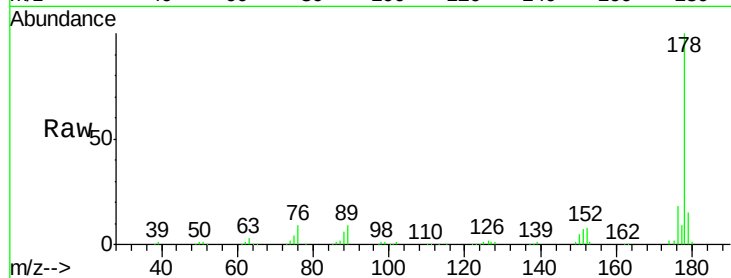
#71
 Anthracene
 Concen: 42.91 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampled :
 PB82885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		277814		
176	17.8		14.8	22.2	
179	15.2		12.4	18.6	

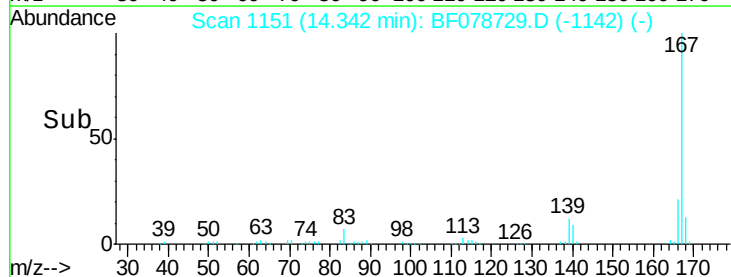
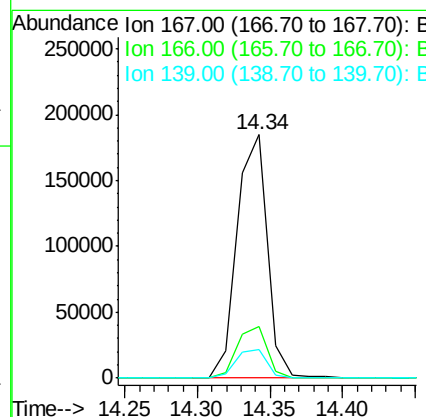
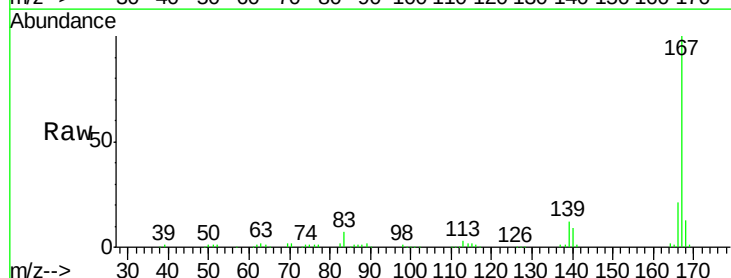
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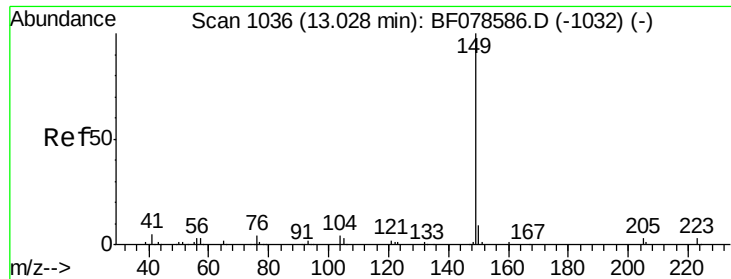
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#72
 Carbazole
 Concen: 44.30 ng
 RT: 14.34 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		268789		
166	21.4		16.8	25.2	
139	11.8		10.0	15.0	





#73

Di-n-butylphthalate

Concen: 45.53 ng

RT: 15.03 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

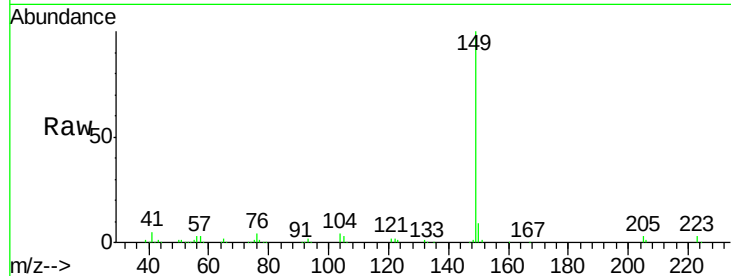
ClientSampleId :

PB82885BS

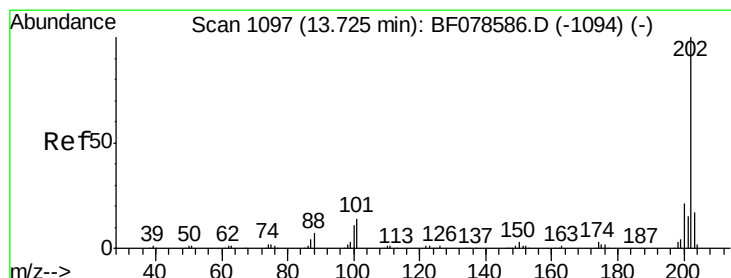
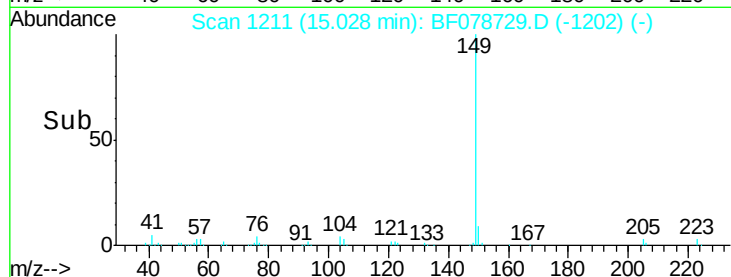
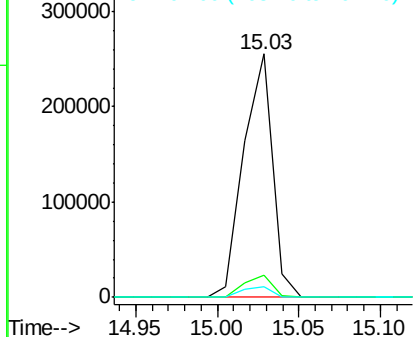
Tot Ion:	149	Resp:	312960
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.3	3.8	5.6

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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



#74

Fluoranthene

Concen: 44.38 ng

RT: 15.81 min Scan# 1279

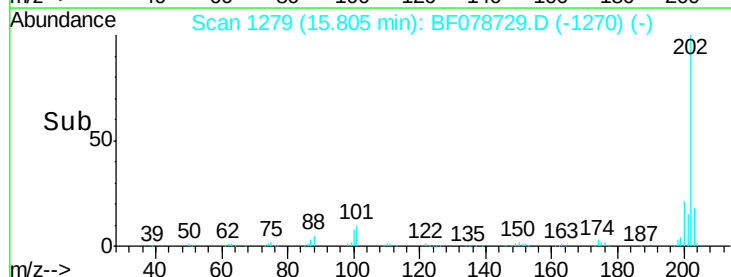
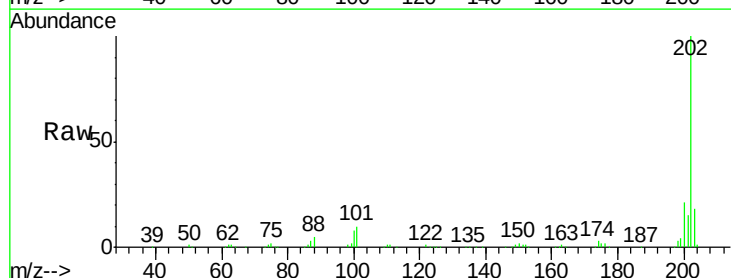
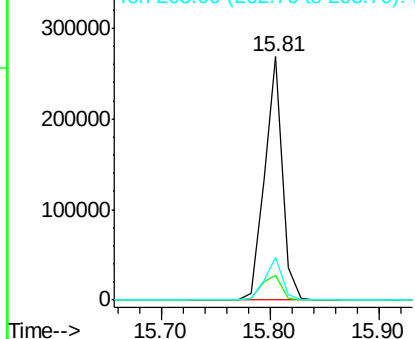
Delta R.T. 0.00 min

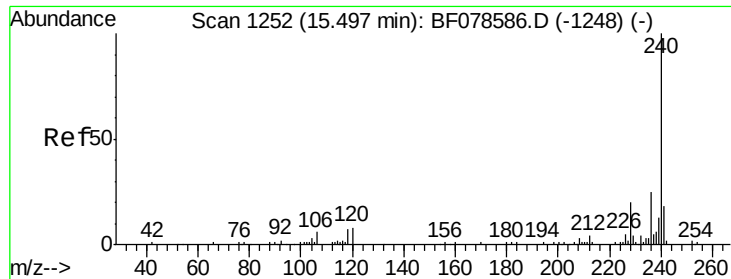
Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	202	Resp:	307513
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	35.2
203	17.5	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

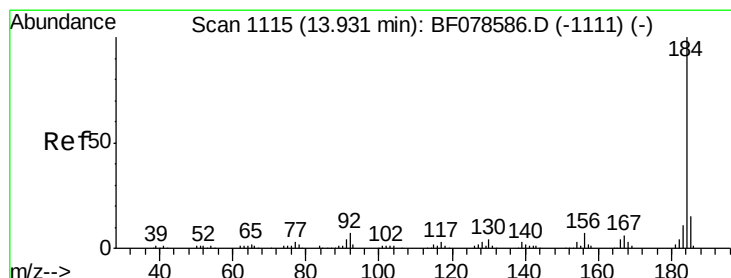
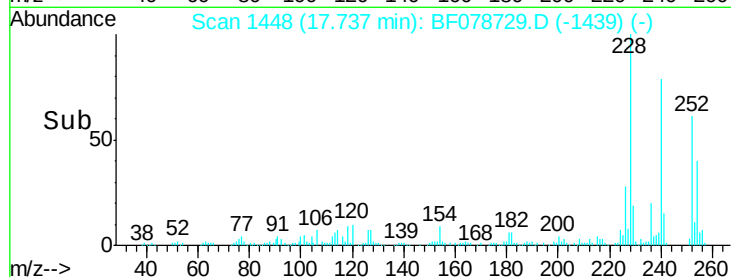
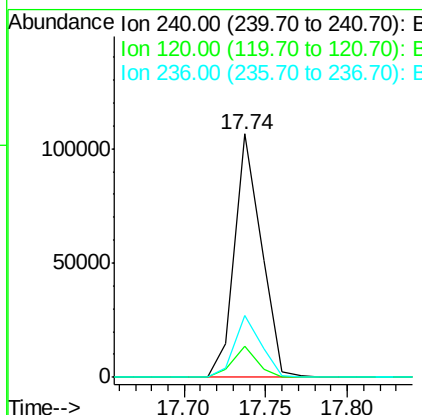
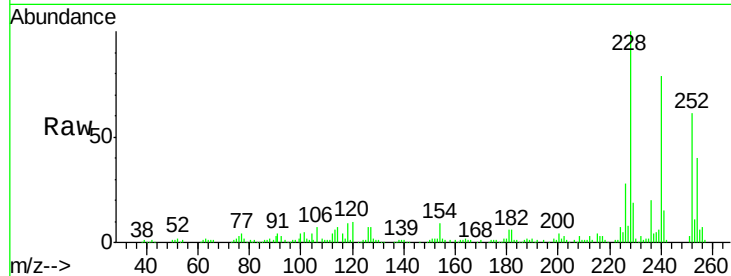
ClientSampleId :

PB82885BS

Tot Ion:	240	Resp:	120901
Ion Ratio	Lower	Upper	
240	100		
120	12.8	7.1	10.7#
236	25.2	21.4	32.2

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#76

Benzidine

Concen: 23.08 ng

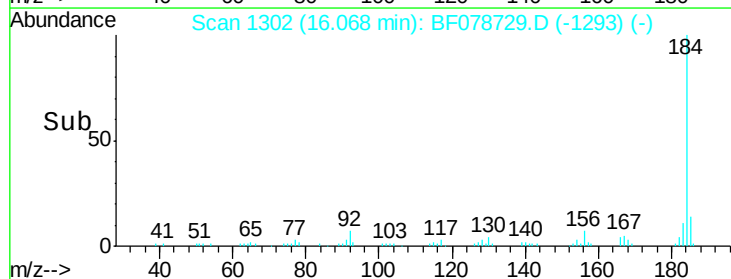
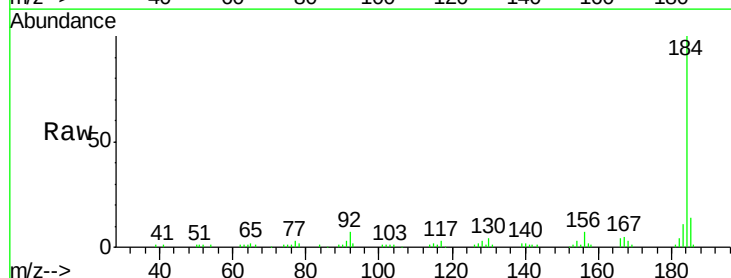
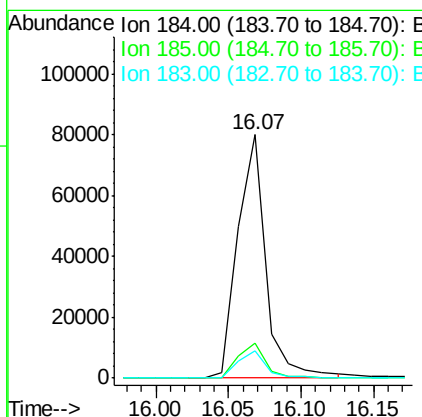
RT: 16.07 min Scan# 1302

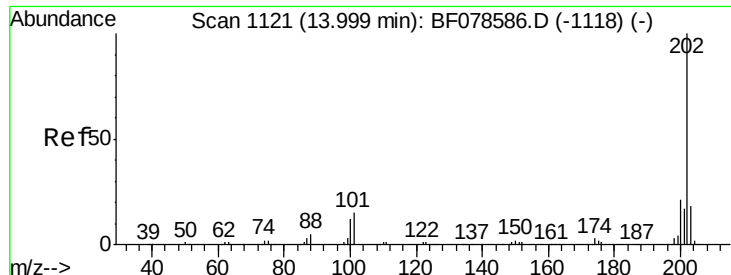
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	184	Resp:	107448
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.3	9.5	14.3





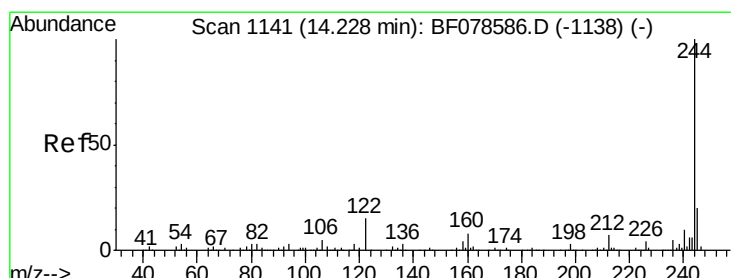
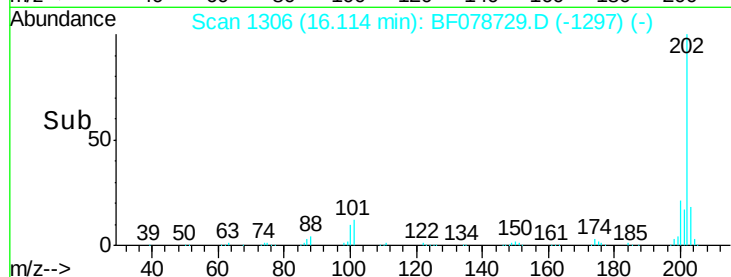
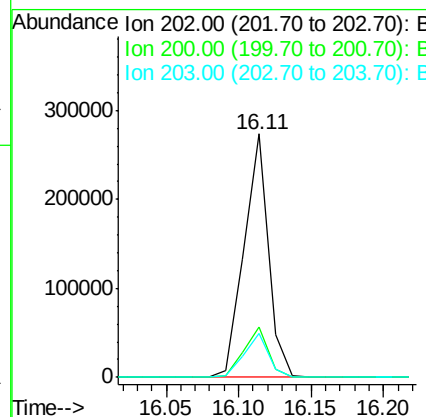
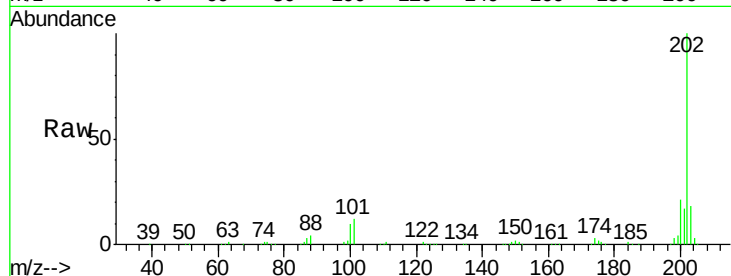
#77
Pvrene
Concen: 42.08 ng
RT: 16.11 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	319382		
200	20.7		16.3	24.5
203	18.2		13.8	20.6

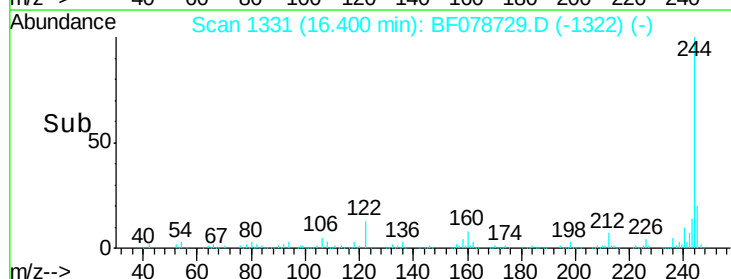
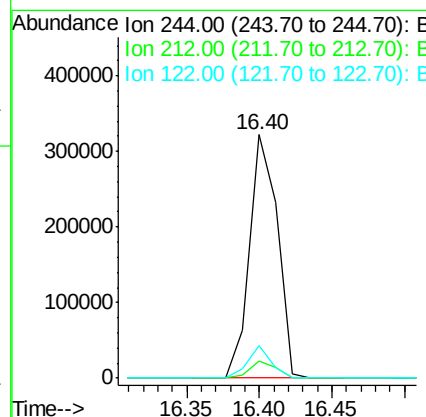
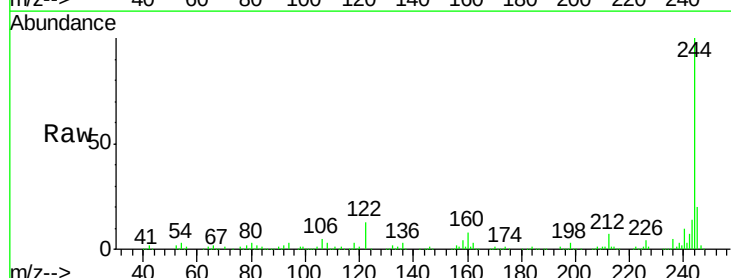
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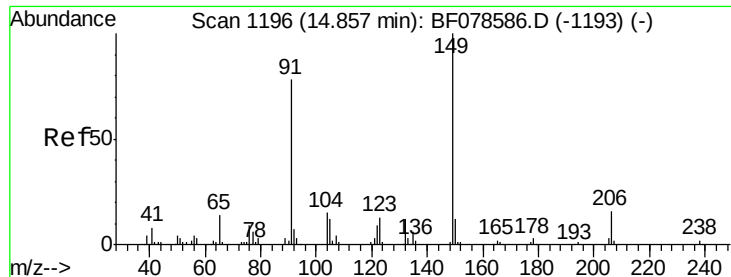
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#78
Terphenyl-d14
Concen: 80.21 ng
RT: 16.40 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	429178		
212	7.2		5.0	7.4
122	13.4		7.1	10.7#





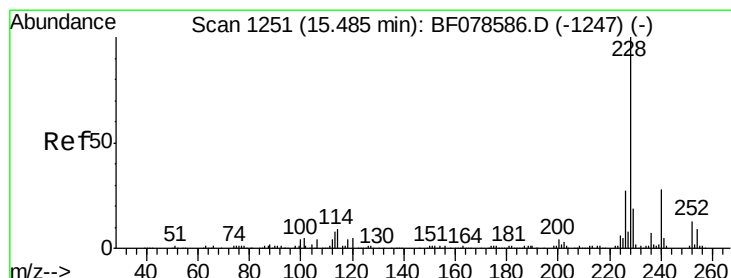
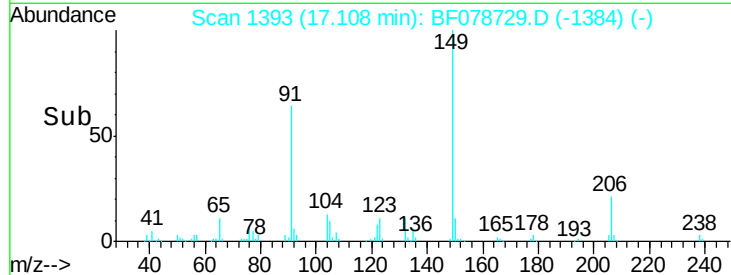
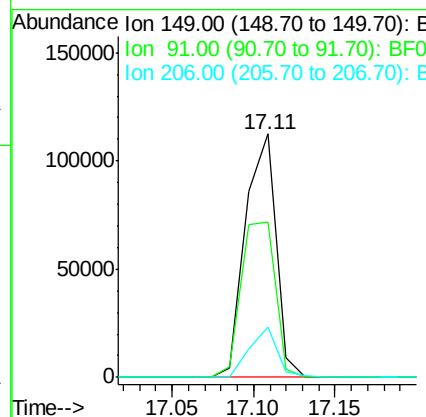
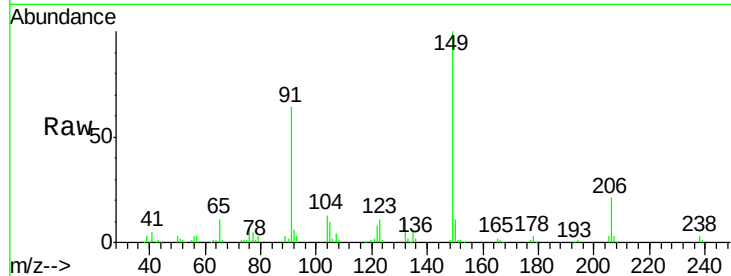
#79
Butylbenzylphthalate
Concen: 50.28 ng
RT: 17.11 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.9	64.2	96.2#
206	20.6	12.6	18.8#

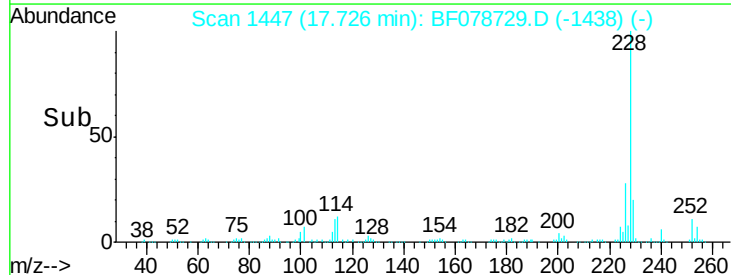
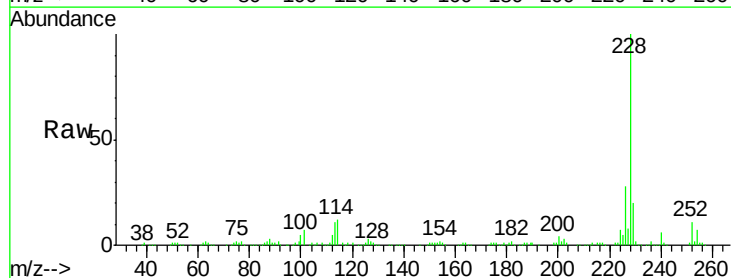
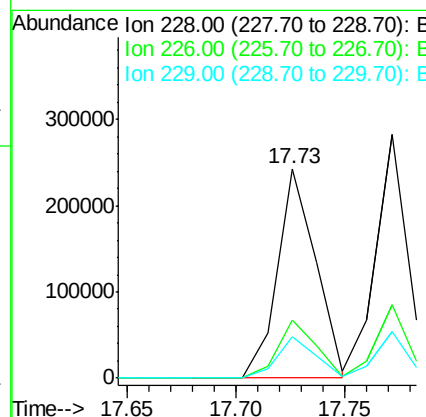
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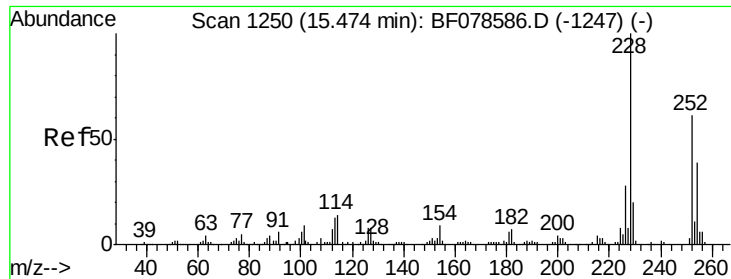
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#80
Benzo(a)anthracene
Concen: 41.90 ng
RT: 17.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF078729.D
Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	21.3	31.9
229	19.7	15.4	23.2





#81

3,3'-Dichlorobenzidine

Concen: 35.89 ng

RT: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

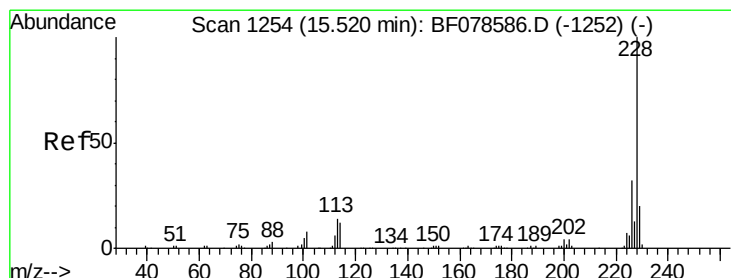
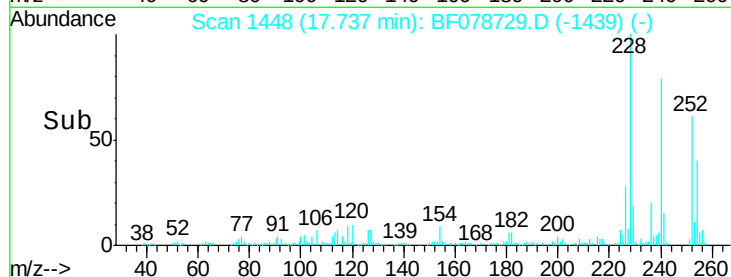
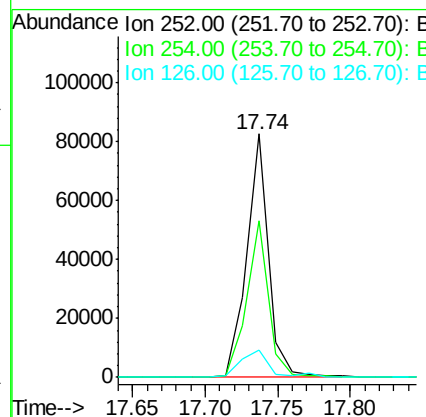
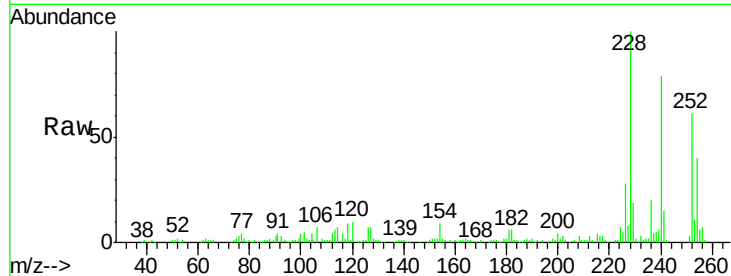
ClientSampleId :

PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.4	51.2	76.8	
126	11.4	6.3	9.5	

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#82

Chrysene

Concen: 42.77 ng

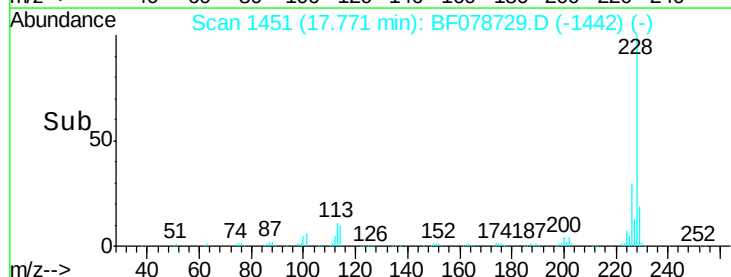
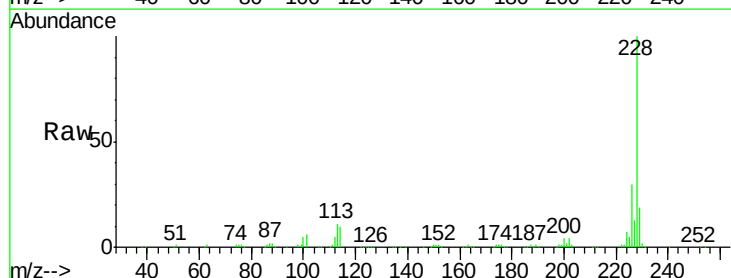
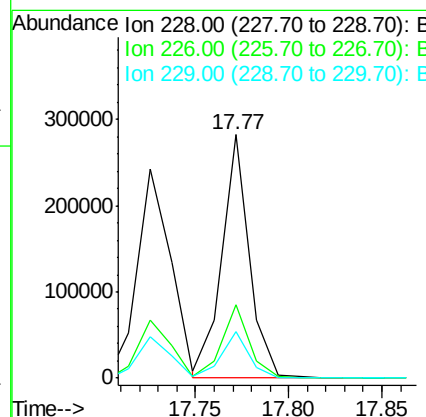
RT: 17.77 min Scan# 1451

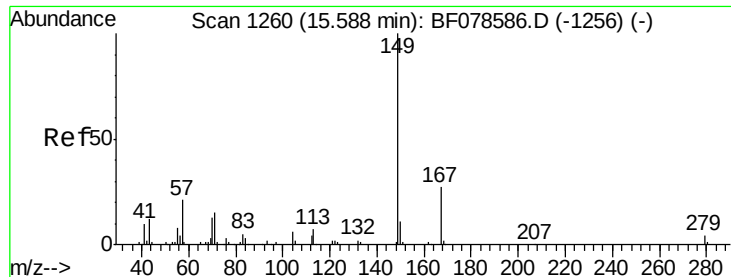
Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.1	24.2	36.4	
229	19.3	15.8	23.8	





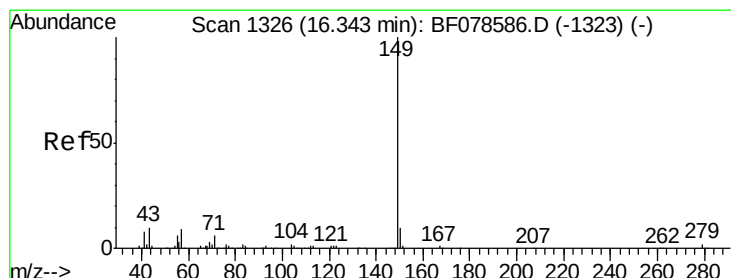
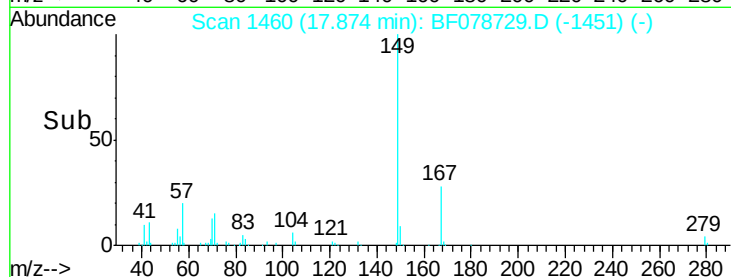
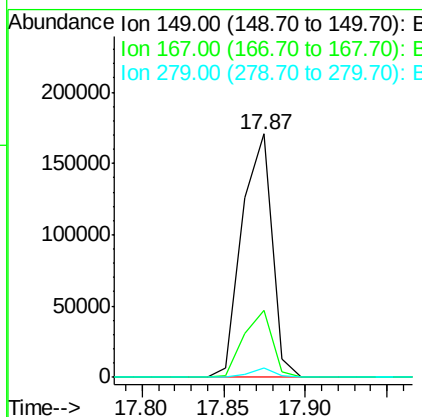
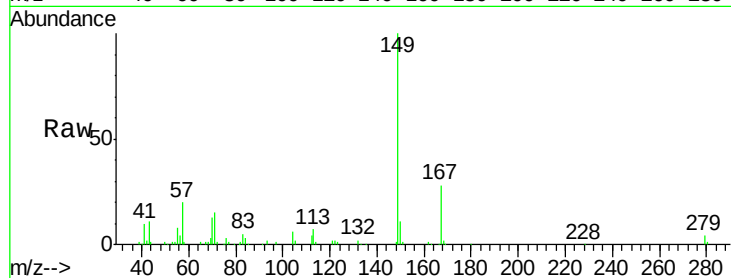
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.85 ng
 RT: 17.87 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	217088		
167	27.5		22.2	33.2
279	3.7		3.2	4.8

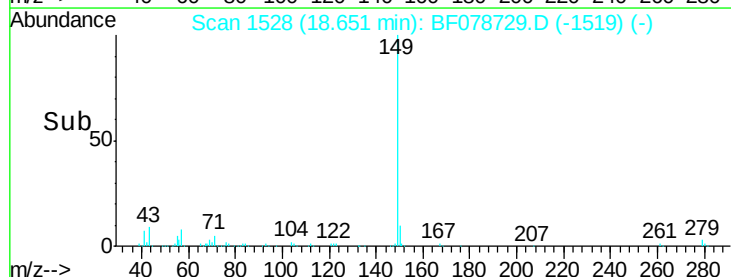
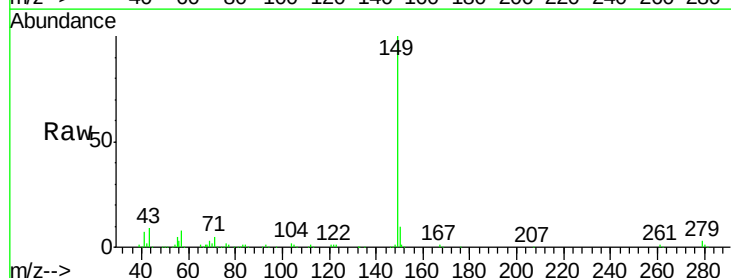
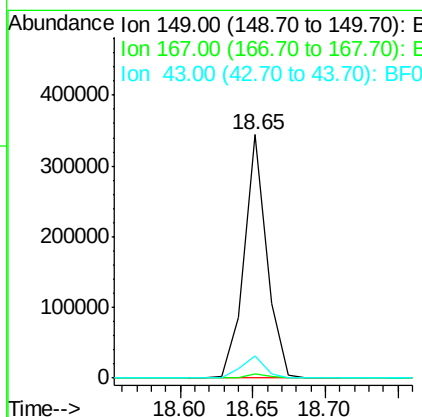
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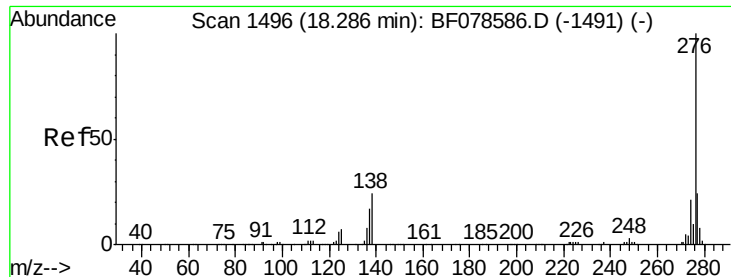
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#84
 Di-n-octyl phthalate
 Concen: 50.18 ng
 RT: 18.65 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	373785		
167	1.5		0.0	0.0#
43	9.7		0.0	0.0#





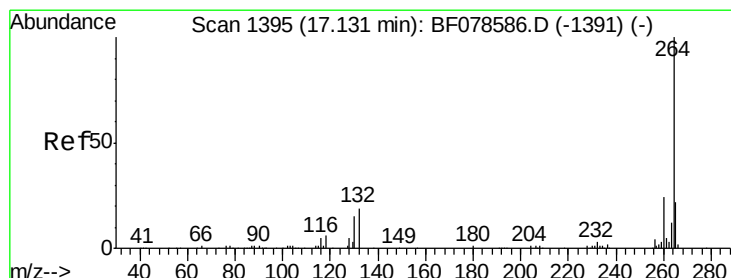
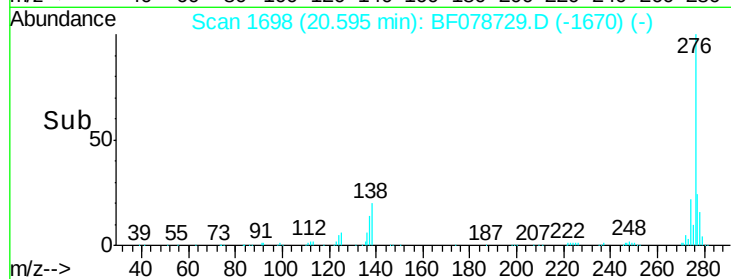
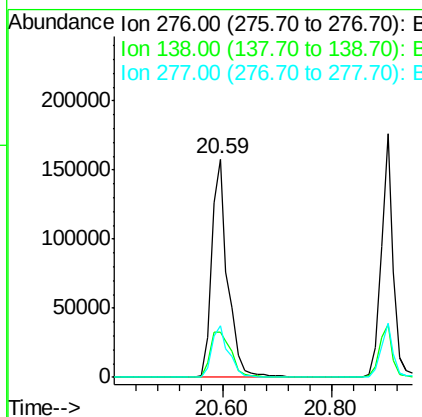
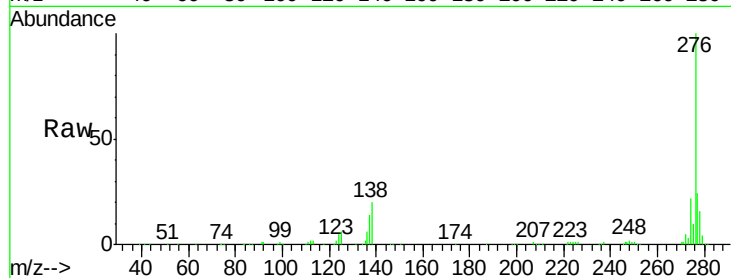
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.71 ng
 RT: 20.59 min Scan# 1698
 Delta R.T. 0.02 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	16.9	25.3#
277	25.0	15.8	23.6#

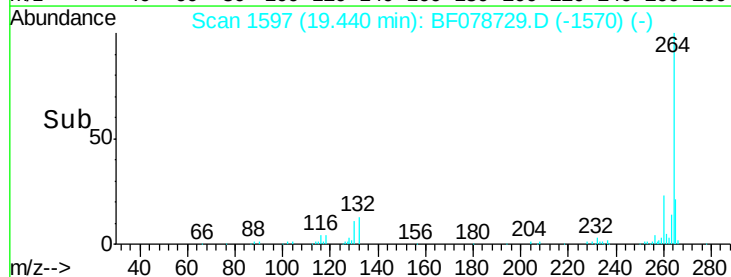
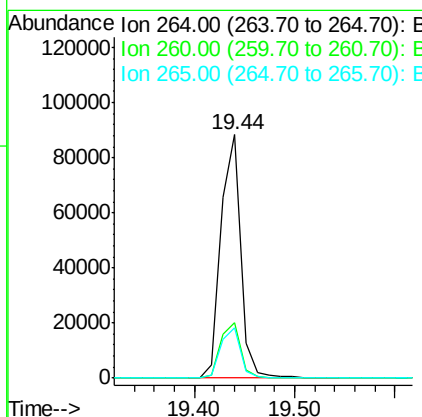
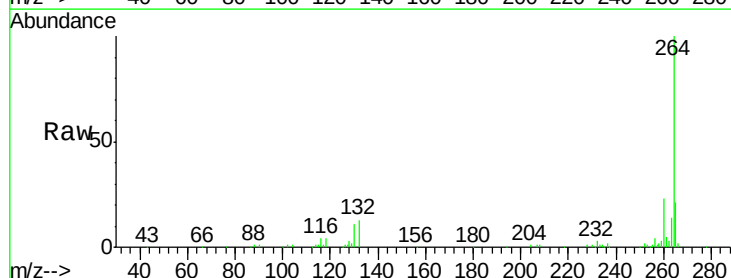
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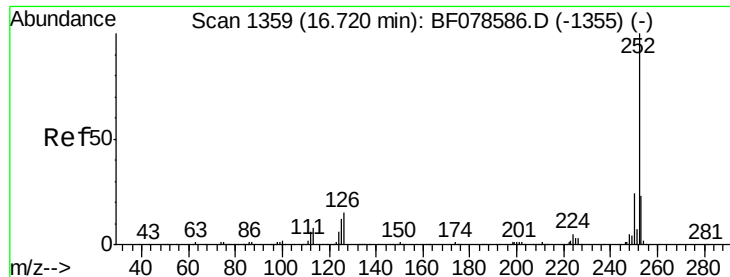
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 40.70 ng

RT: 19.02 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

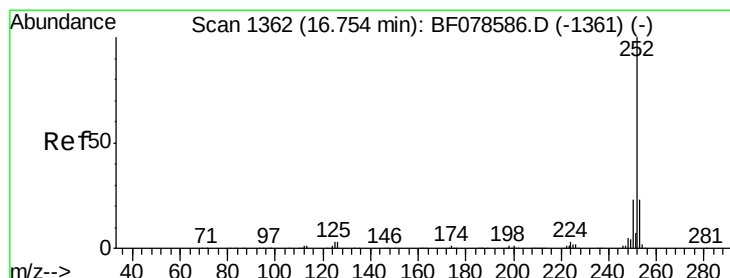
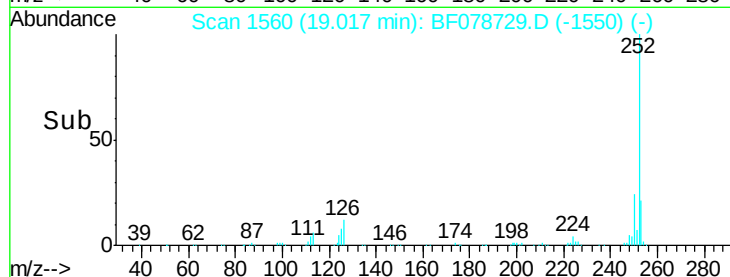
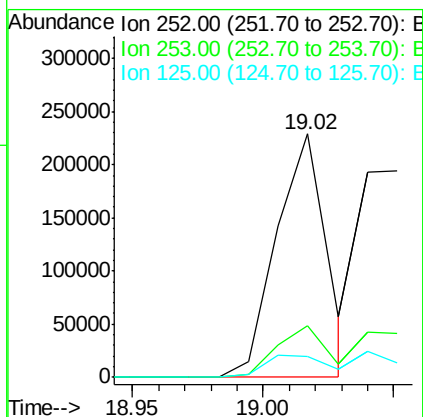
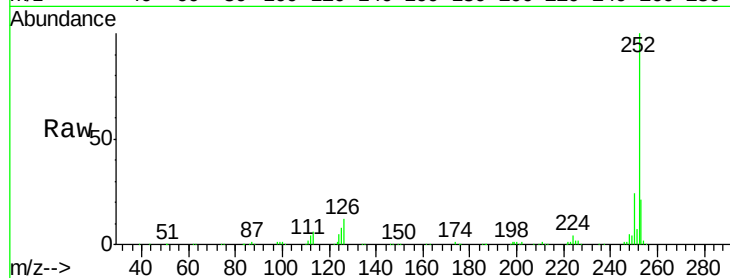
ClientSampleId :

PB82885BS

Tot Ion:	252	Resp:	304423
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.2	25.8
125	8.4	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 43.22 ng m

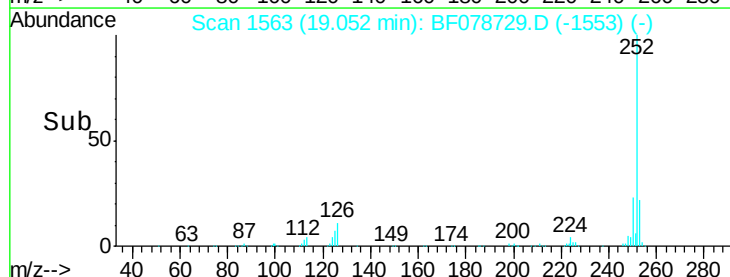
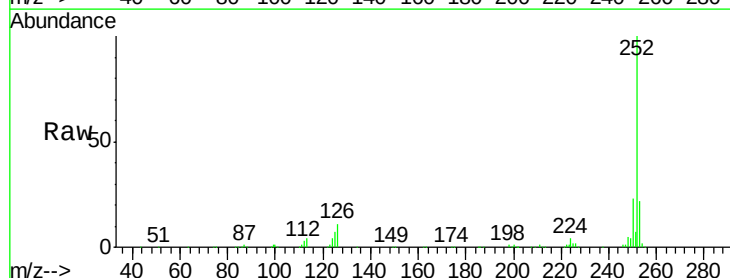
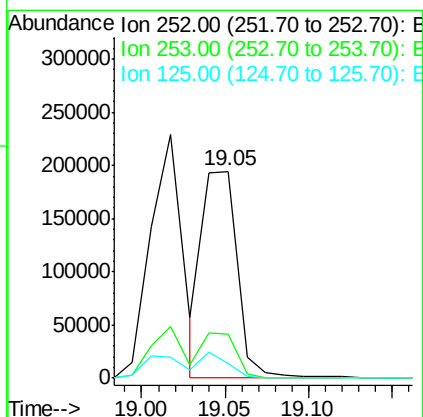
RT: 19.05 min Scan# 1563

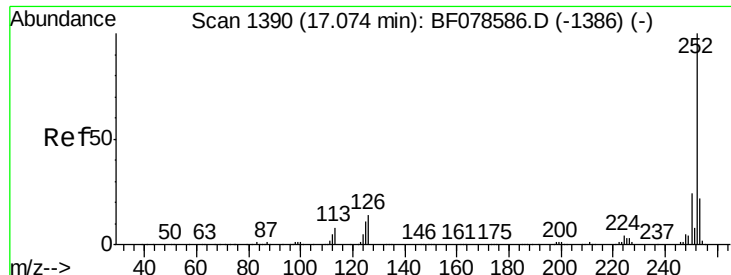
Delta R.T. 0.01 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion:	252	Resp:	287331
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	7.1	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 43.09 ng

RT: 19.37 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Instrument :

BNA_F

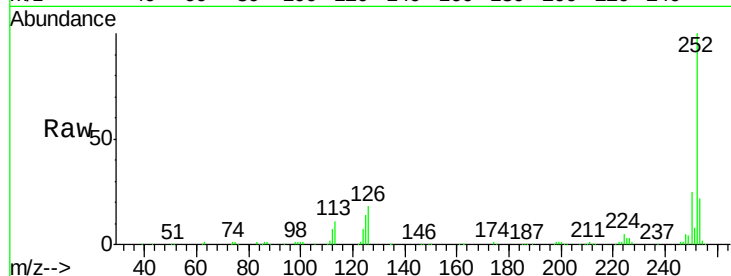
ClientSampled :

PB82885BS

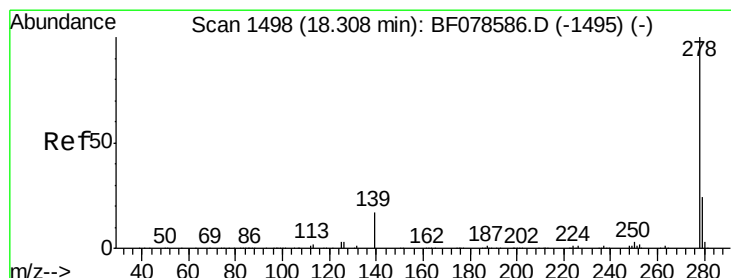
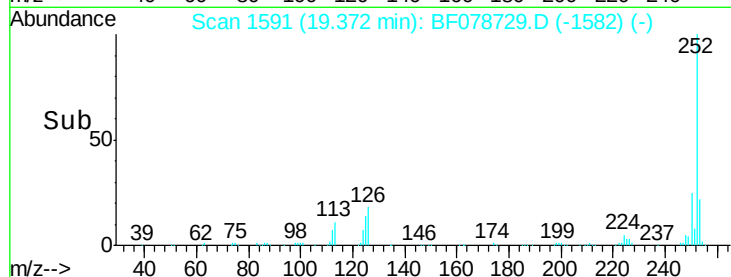
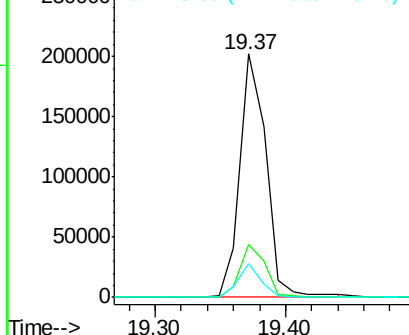
Tot Ion	Ratio	Resp	Lower	Upper
252	100	281290		
253	22.0	16.8	25.2	
125	14.0	7.4	11.0	

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



#90

Dibenzo(a,h)anthracene

Concen: 40.44 ng

RT: 20.62 min Scan# 1700

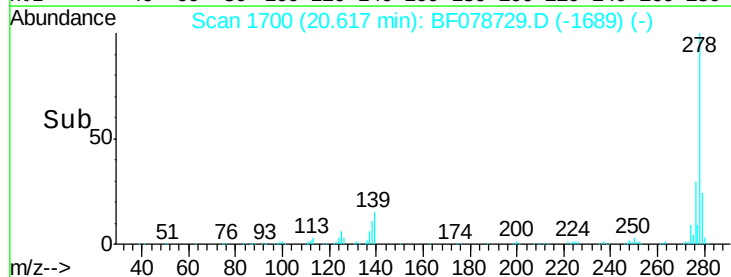
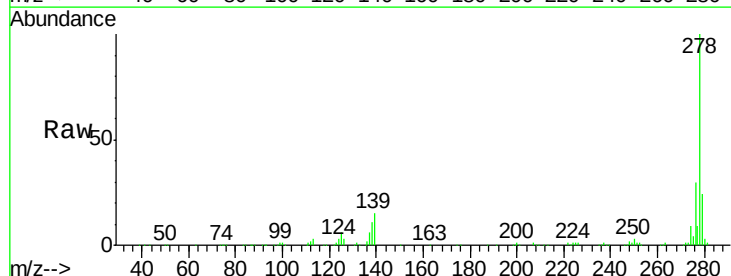
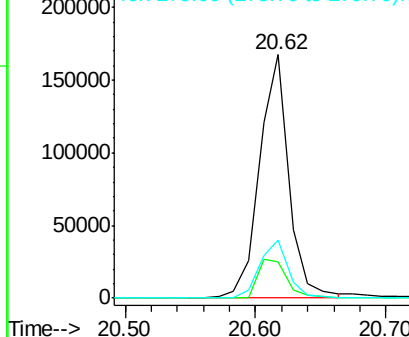
Delta R.T. 0.02 min

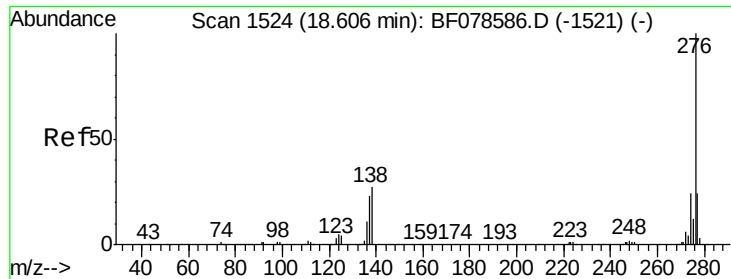
Lab File: BF078729.D

Acq: 22 Apr 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	264313		
139	14.7	13.6	20.4	
279	24.0	19.0	28.6	

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.12 ng
 RT: 20.90 min Scan# 1725
 Delta R.T. 0.02 min
 Lab File: BF078729.D
 Acq: 22 Apr 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	22.5	19.0	28.4		
138	21.9	19.9	29.9		

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