

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078731.D
 Acq On : 22 Apr 2015 23:11
 Operator : TP/IZ
 Sample : PB82930BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB82930BS

Manual Integrations
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 4/23/2015 2:14:44 PM

Quant Time: Apr 23 01:40:24 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	25792	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	104977	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	52741	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	109175	20.00	ng	0.00
75) Chrysene-d12	17.74	240	119996	20.00	ng	0.00
86) Perylene-d12	19.45	264	116907	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	186456	119.19	ng	0.00
7) Phenol-d6	5.29	99	237137	120.96	ng	0.00
23) Nitrobenzene-d5	6.73	82	140001	80.84	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	62647	143.22	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	305594	82.82	ng	0.00
78) Terphenyl-d14	16.40	244	379276	71.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.38	88	19469	27.52	ng	# 23
3) Pyridine	1.86	79	64952	35.05	ng	97
4) n-Nitrosodimethylamine	1.82	42	30924	43.36	ng	# 73
6) Aniline	5.28	93	59772	21.50	ng	94
8) 2-Chlorophenol	5.45	128	68642	37.11	ng	99
9) Benzaldehyde	5.10	77	8044	6.19	ng	89
10) Phenol	5.31	94	85557	36.42	ng	97
11) bis(2-Chloroethyl)ether	5.42	93	61453	36.38	ng	93
12) 1,3-Dichlorobenzene	5.68	146	71731	35.30	ng	98
13) 1,4-Dichlorobenzene	5.82	146	72050	35.23	ng	98
14) 1,2-Dichlorobenzene	6.04	146	70802	36.92	ng	99
15) Benzyl Alcohol	6.07	79	57389	41.66	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	80759	35.84	ng	85
17) 2-Methylphenol	6.30	107	54498	37.95	ng	95
18) Hexachloroethane	6.59	117	25147	36.46	ng	# 80
19) n-Nitroso-di-n-propylamine	6.52	70	47953	37.07	ng	97
20) 3+4-Methylphenols	6.57	107	71258	37.19	ng	92
22) Acetophenone	6.49	105	97483	39.85	ng	# 94
24) Nitrobenzene	6.75	77	68227	37.68	ng	# 82
25) Isophorone	7.19	82	124690	37.93	ng	94
26) 2-Nitrophenol	7.31	139	34671	40.18	ng	98
27) 2,4-Dimethylphenol	7.47	122	61845	38.55	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	78142	37.07	ng	99
29) 2,4-Dichlorophenol	7.76	162	58329	39.96	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	60468	36.13	ng	99
31) Naphthalene	7.99	128	199923	36.59	ng	99
32) Benzoic acid	7.70	122	32911	44.15	ng	92
33) 4-Chloroaniline	8.15	127	48354	21.33	ng	98
34) Hexachlorobutadiene	8.24	225	33114	36.04	ng	95
35) Caprolactam	8.78	113	17420	39.98	ng	89
36) 4-Chloro-3-methylphenol	9.11	107	61582	41.82	ng	91
37) 2-Methylnaphthalene	9.24	142	138461	37.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	59853	36.63	ng	98
40) Hexachlorocyclopentadiene	9.54	237	44539	64.73	ng	95

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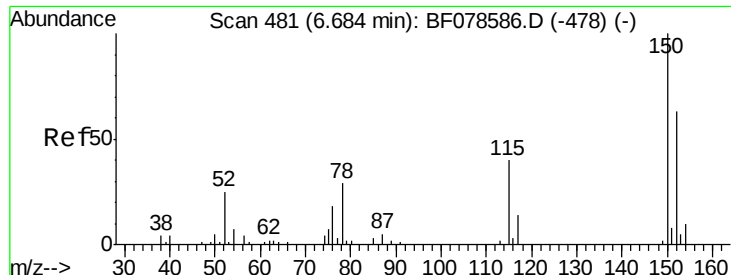
Manual Integrations
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Quant Time: Apr 23 01:40:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41437	40.21	nq	98
43) 2,4,5-Trichlorophenol	9.88	196	41123	38.19	nq	# 91
45) 1,1'-Biphenyl	10.12	154	164978	38.24	nq	97
46) 2-Chloronaphthalene	10.12	162	128225	37.78	nq	98
47) 2-Nitroaniline	10.36	65	35392	42.14	nq	87
48) Acenaphthylene	10.87	152	208528	38.04	nq	99
49) Dimethylphthalate	10.78	163	156544	39.51	nq	# 98
50) 2,6-Dinitrotoluene	10.86	165	33086	40.59	nq	# 40
51) Acenaphthene	11.19	154	120562	39.07	nq	99
52) 3-Nitroaniline	11.14	138	26832	28.95	nq	# 99
53) 2,4-Dinitrophenol	11.37	184	21640	71.93	nq	95
54) Dibenzofuran	11.52	168	191177	40.56	nq	98
55) 4-Nitrophenol	11.58	139	43463	64.24	nq	87
56) 2,4-Dinitrotoluene	11.60	165	47496	44.98	nq	# 88
57) Fluorene	12.15	166	156813	41.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	30970	38.80	nq	96
59) Diethylphthalate	12.09	149	155231	40.63	nq	98
60) 4-Chlorophenyl-phenylether	12.22	204	71247	40.54	nq	# 85
61) 4-Nitroaniline	12.26	138	35156	37.52	nq	94
62) Azobenzene	12.50	77	146757	42.09	nq	94
64) 4,6-Dinitro-2-methylphenol	12.34	198	18754	36.99	nq	82
65) n-Nitrosodiphenylamine	12.46	169	135168	35.79	nq	99
66) 4-Bromophenyl-phenylether	13.11	248	43636	37.74	nq	96
67) Hexachlorobenzene	13.15	284	45722	36.09	nq	99
68) Atrazine	13.52	200	52338	47.85	nq	95
69) Pentachlorophenol	13.57	266	34249	62.80	nq	97
70) Phenanthrene	13.91	178	233441	36.96	nq	100
71) Anthracene	14.00	178	237539	38.17	nq	99
72) Carbazole	14.34	167	229215	39.30	nq	99
73) Di-n-butylphthalate	15.03	149	269718	40.82	nq	99
74) Fluoranthene	15.81	202	264456	39.71	nq	92
76) Benzidine	16.07	184	107361	23.24	nq	97
77) Pyrene	16.11	202	279464	37.10	nq	99
79) Butylbenzylphthalate	17.11	149	123718	43.09	nq	# 81
80) Benzo(a)anthracene	17.73	228	259018	36.28	nq	99
81) 3,3'-Dichlorobenzidine	17.74	252	66780	27.93	nq	# 98
82) Chrysene	17.77	228	250347	37.32	nq	100
83) Bis(2-ethylhexyl)phthalate	17.87	149	181109	40.22	nq	97
84) Di-n-octyl phthalate	18.66	149	321029	43.42	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.63	276	287136	37.72	nq	# 87
87) Benzo(b)fluoranthene	19.03	252	261858	36.24	nq	99
88) Benzo(k)fluoranthene	19.06	252	255735m	39.83	nq	
89) Benzo(a)pyrene	19.39	252	248585	39.42	nq	# 97
90) Dibenzo(a,h)anthracene	20.66	278	236187m	37.41	nq	
91) Benzo(g,h,i)perylene	20.95	276	243487m	38.47	nq	

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



#1

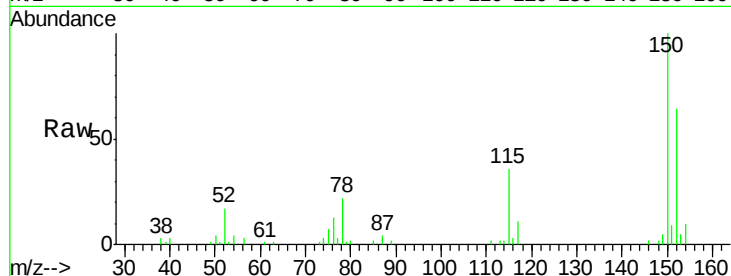
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

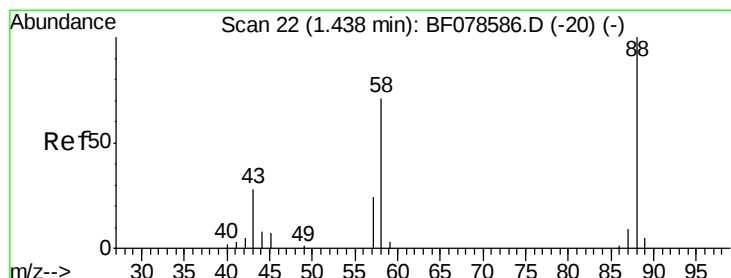
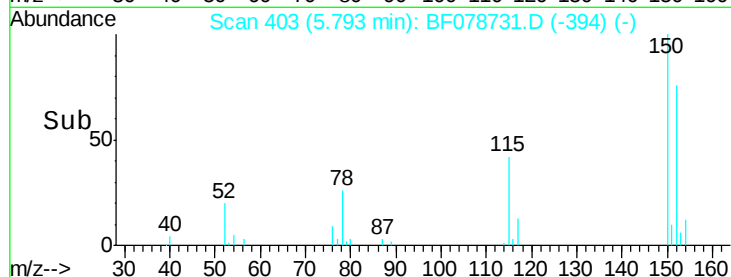
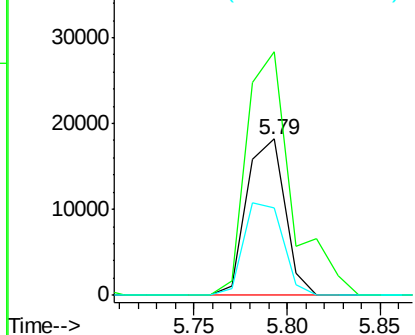
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	55.7	52.7	79.1

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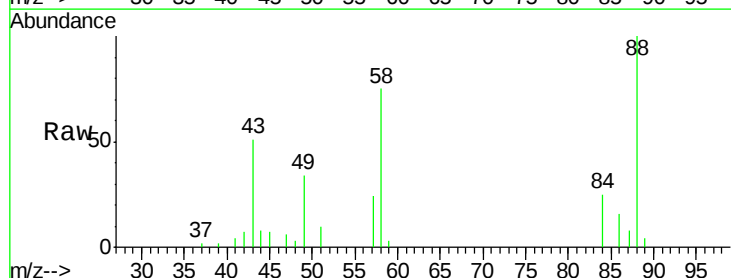
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



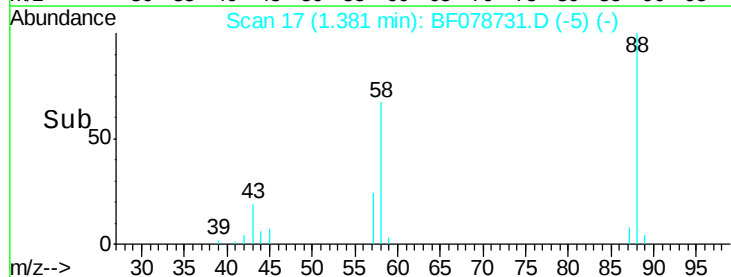
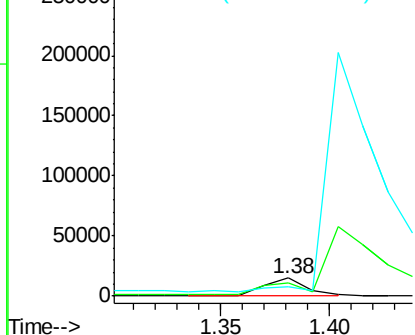
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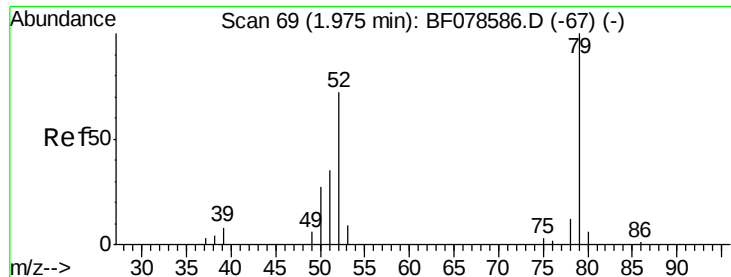
1,4-Dioxane
Concen: 27.52 ng
RT: 1.38 min Scan# 17
Delta R.T. 0.03 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

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



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.05 ng

RT: 1.86 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

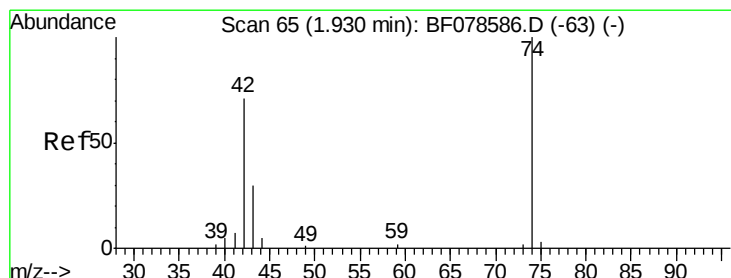
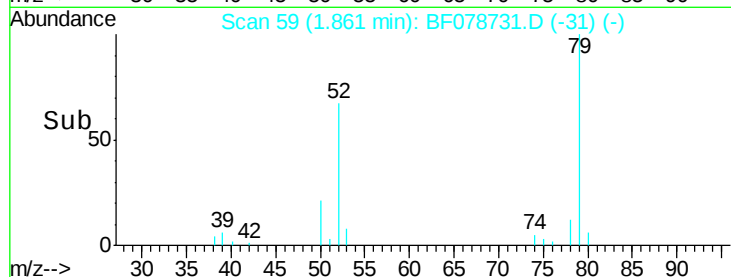
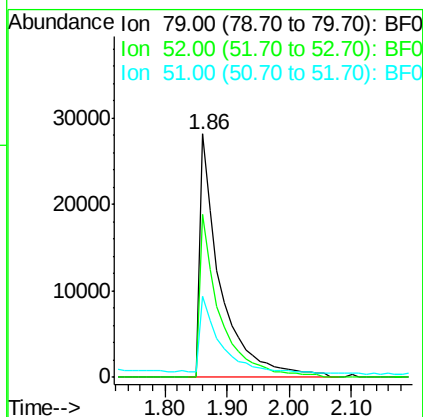
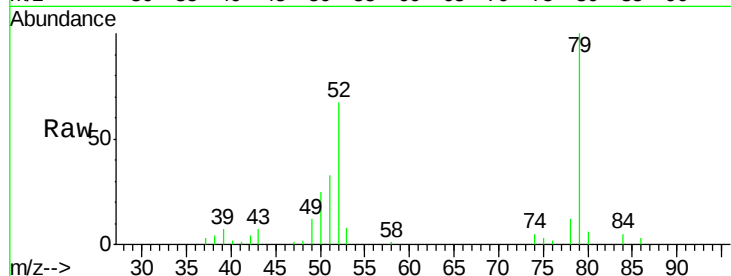
ClientSampleId :

PB82930BS

Tot Ion:	79	Resp:	64952
Ion Ratio	Lower	Upper	
79	100		
52	67.1	52.4	78.6
51	33.4	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 43.36 ng

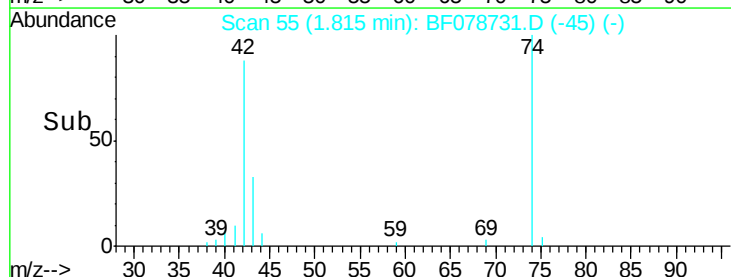
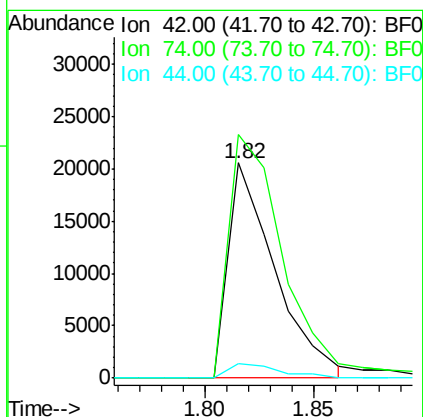
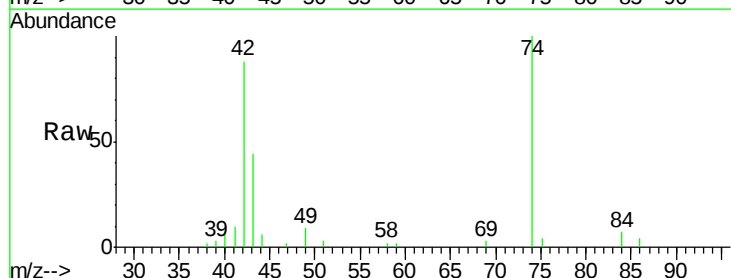
RT: 1.82 min Scan# 55

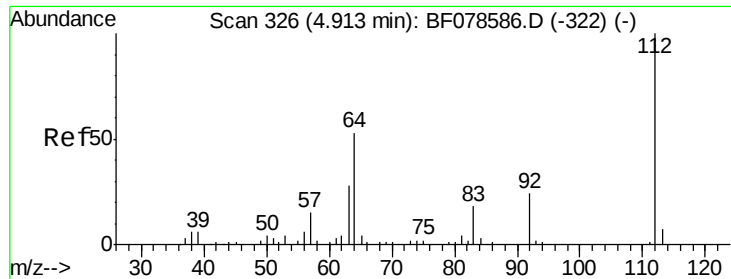
Delta R.T. 0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	42	Resp:	30924
Ion Ratio	Lower	Upper	
42	100		
74	113.1	118.7	178.1#
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 119.19 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

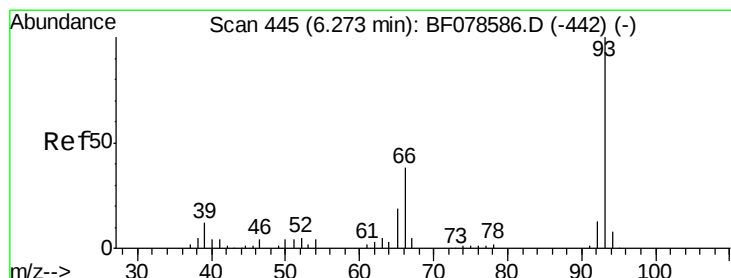
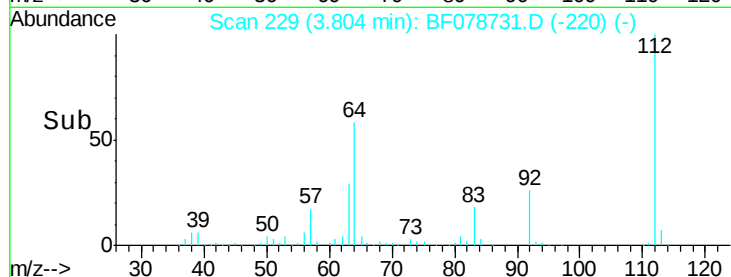
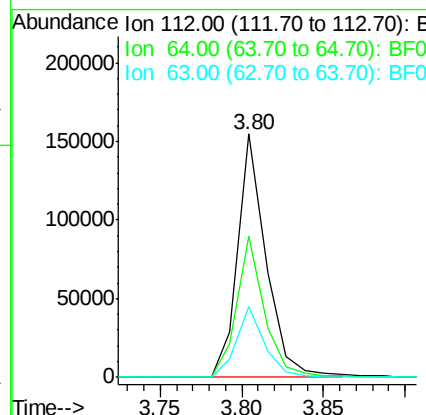
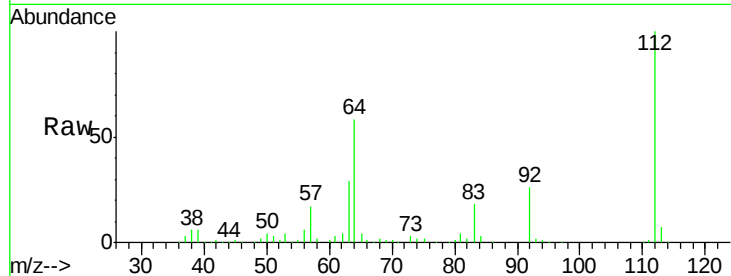
ClientSampleId :

PB82930BS

Tot Ion:	112	Resp:	186456
Ion Ratio	Lower	Upper	
112	100		
64	57.8	39.9	59.9
63	29.1	20.2	30.4

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#6

Aniline

Concen: 21.50 ng

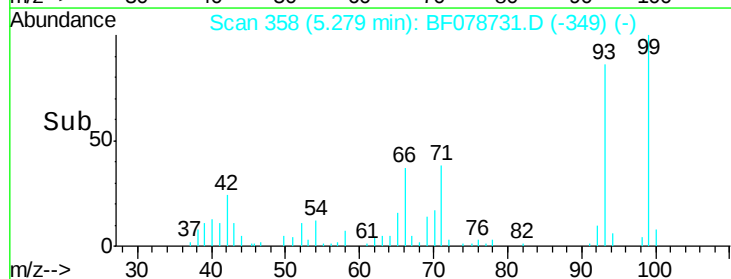
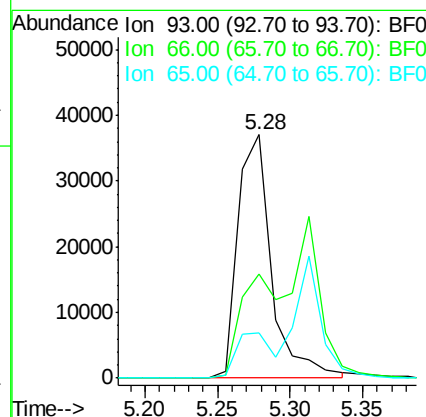
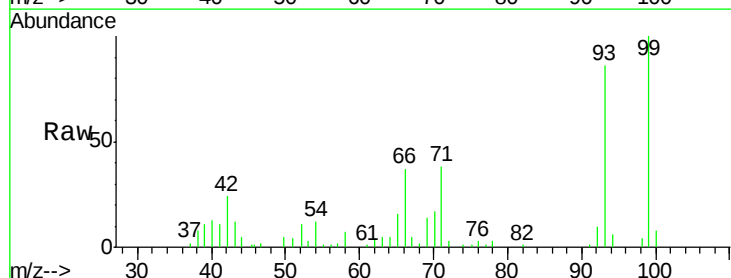
RT: 5.28 min Scan# 358

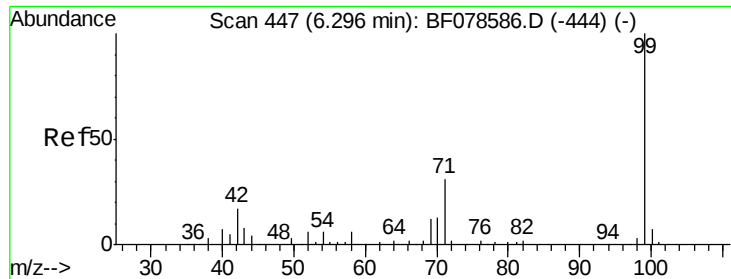
Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	93	Resp:	59772
Ion Ratio	Lower	Upper	
93	100		
66	42.5	38.0	57.0
65	18.8	16.3	24.5





#7

Phenol-d6

Concen: 120.96 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

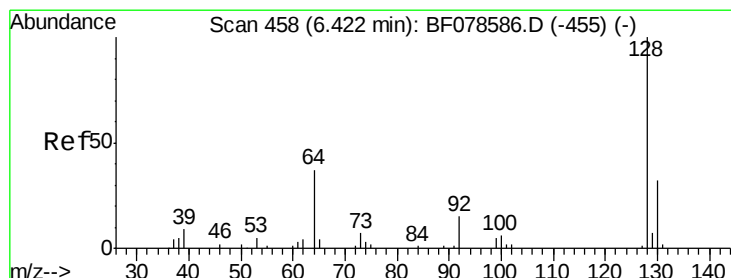
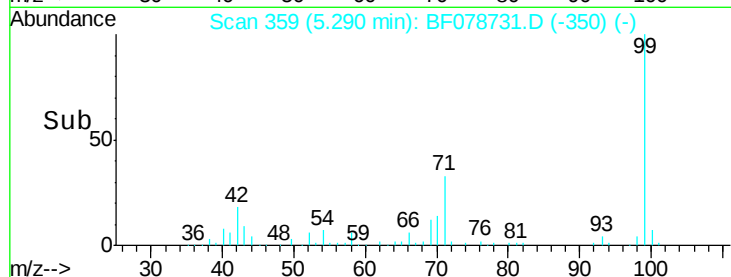
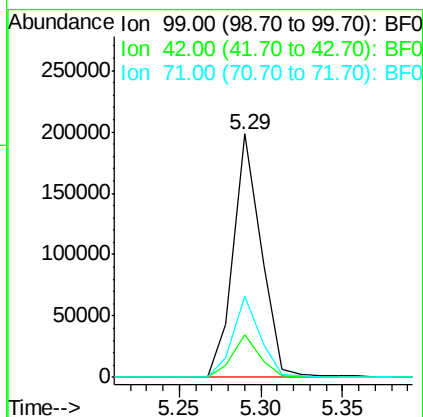
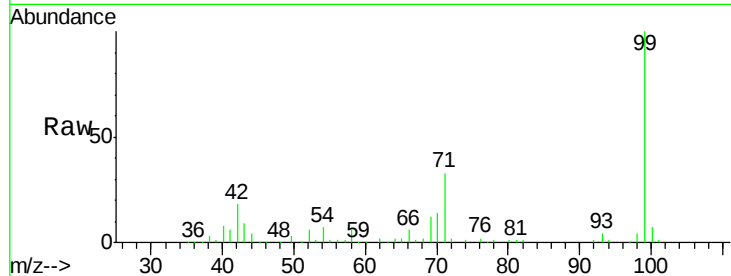
ClientSampleId :

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Tot Ion:	99	Resp:	237137
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.8	22.2
71	33.0	26.6	39.8

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#8

2-Chlorophenol

Concen: 37.11 ng

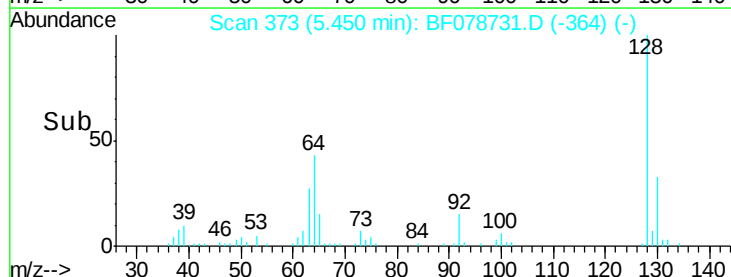
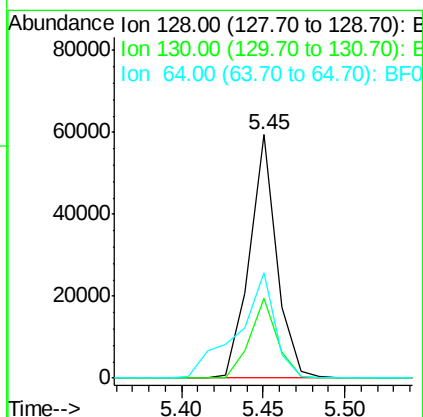
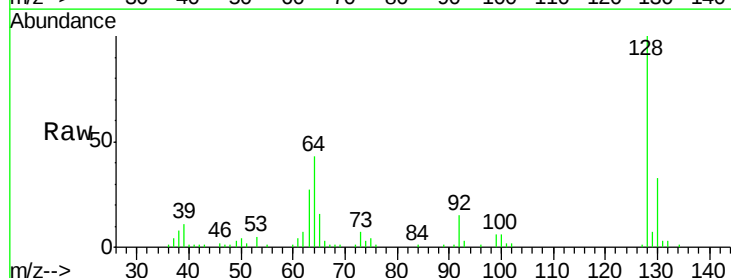
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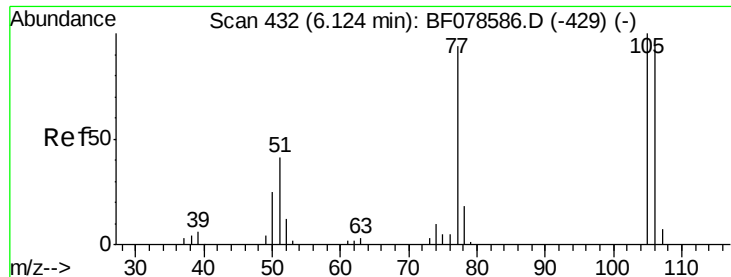
Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	128	Resp:	68642
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.3	52.3
64	43.5	23.8	63.8





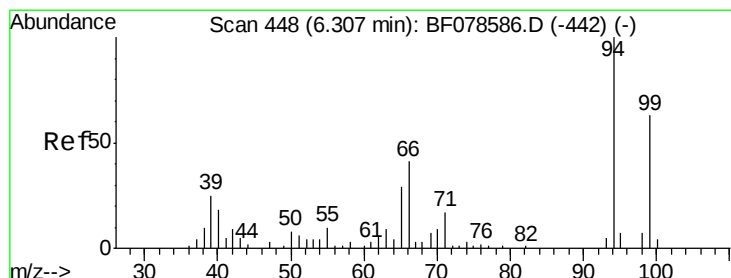
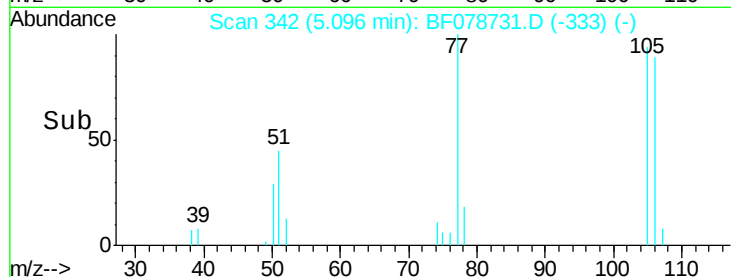
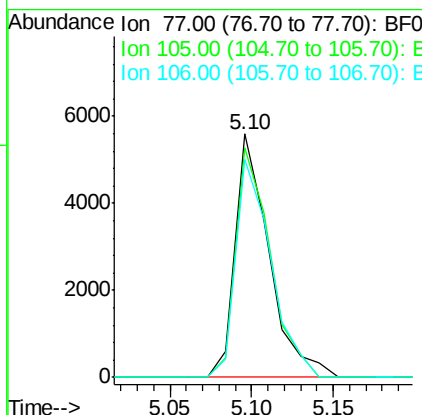
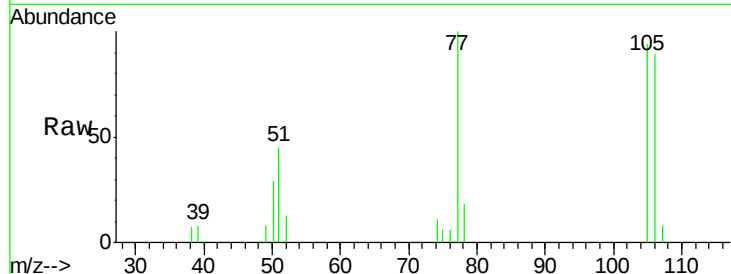
#9
Benzaldehyde
Concen: 6.19 ng
RT: 5.10 min Scan# 342
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.5	85.4	125.4
106	89.5	80.8	120.8

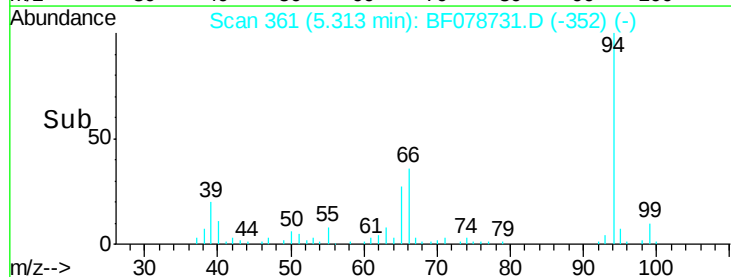
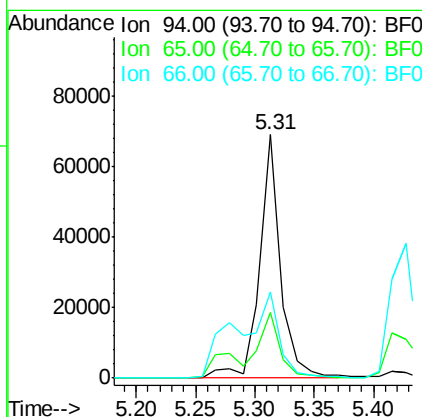
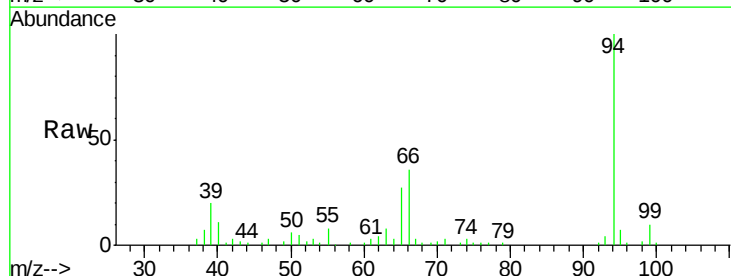
Manual Integrations
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#10
Phenol
Concen: 36.42 ng
RT: 5.31 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	4.9	44.9
66	35.6	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 36.38 ng

RT: 5.42 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

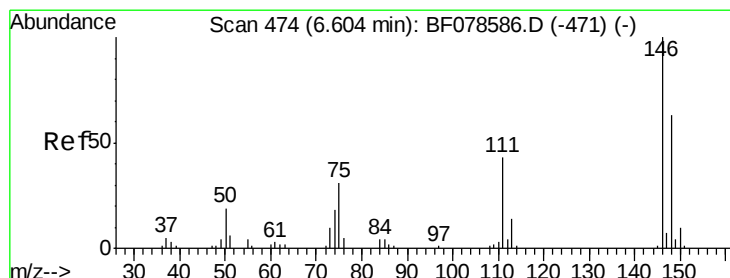
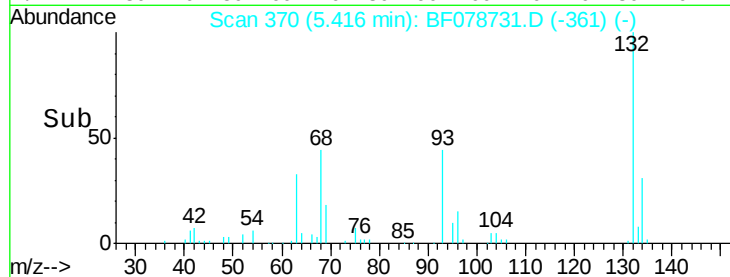
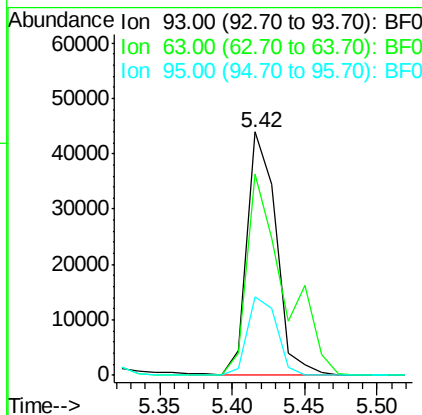
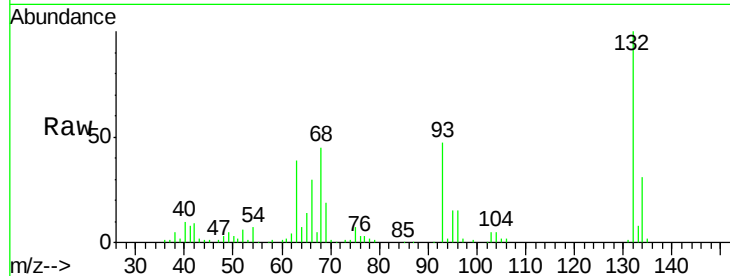
ClientSampleId :

PB82930BS

Tot Ion:	93	Resp:	61453
Ion	Ratio	Lower	Upper
93	100		
63	82.7	54.6	94.6
95	32.3	13.6	53.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.30 ng

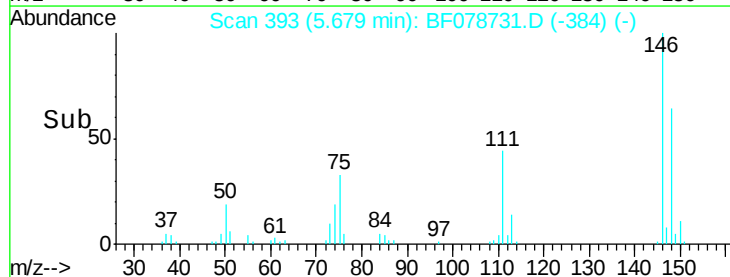
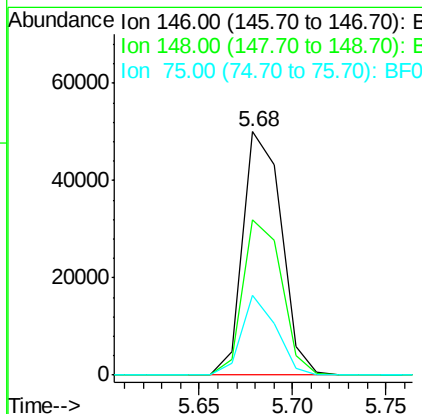
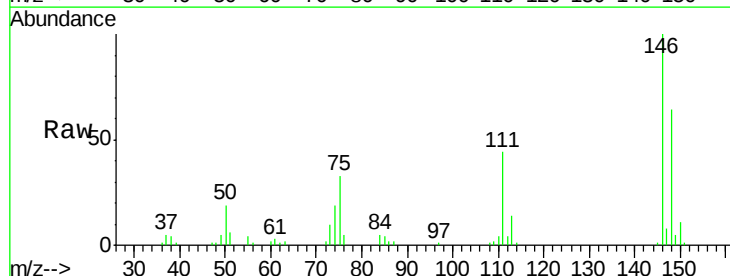
RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	146	Resp:	71731
Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.1	73.7
75	32.7	26.6	40.0





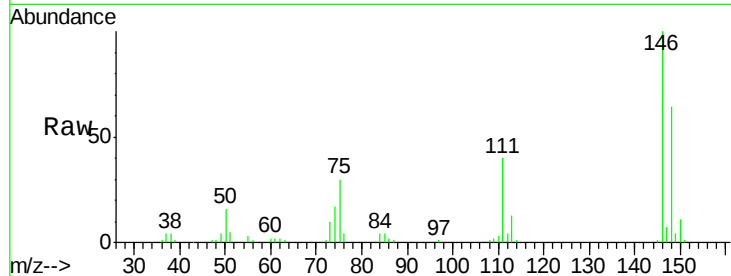
#13
 1,4-Dichlorobenzene
 Concen: 35.23 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	40.2	35.0	52.4

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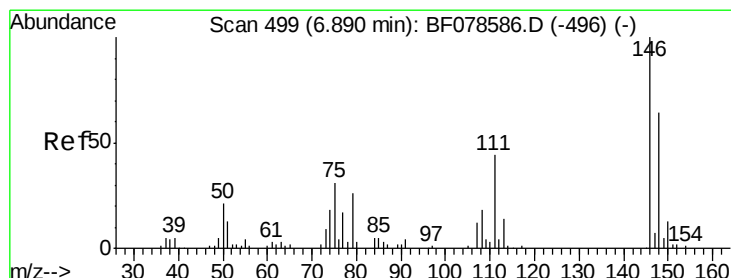
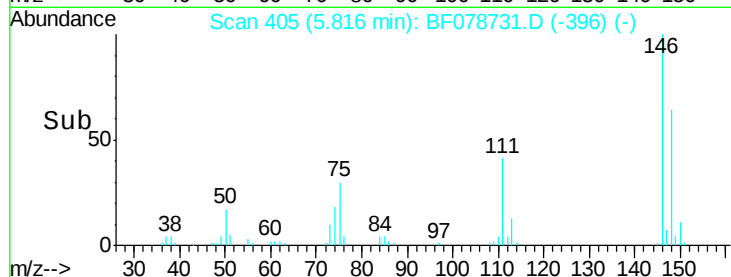
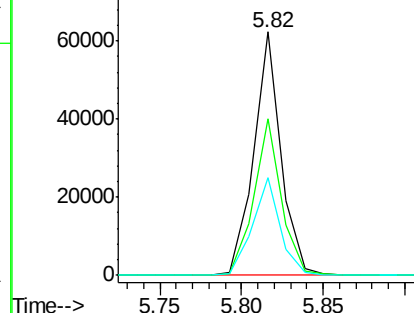


Abundance

Ion 146.00 (145.70 to 146.70): E

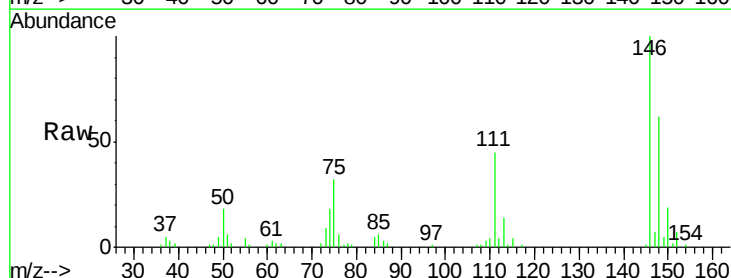
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.04 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.2	75.4
111	44.6	36.1	54.1

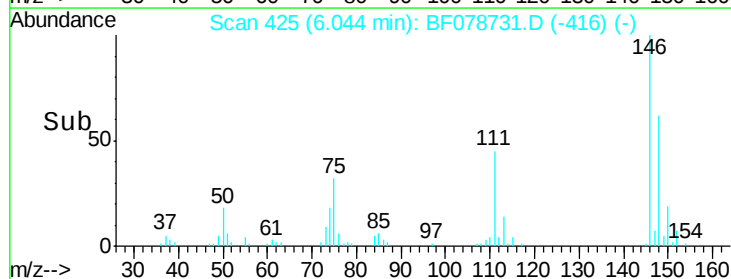
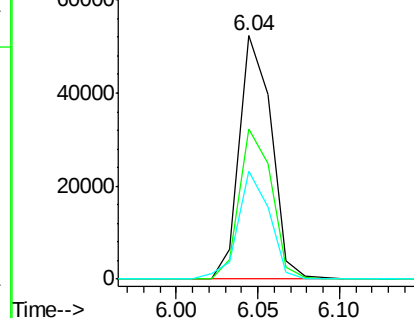


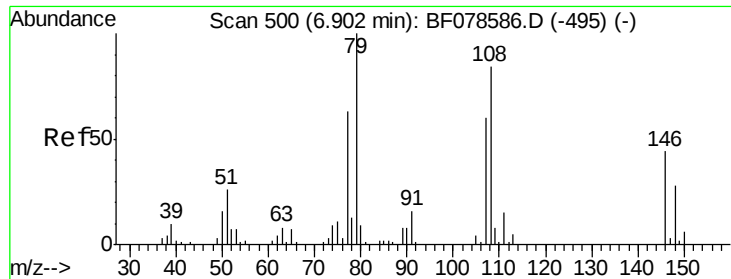
Abundance

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: 41.66 ng

RT: 6.07 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

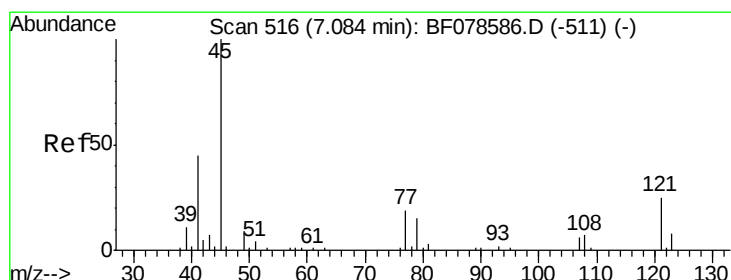
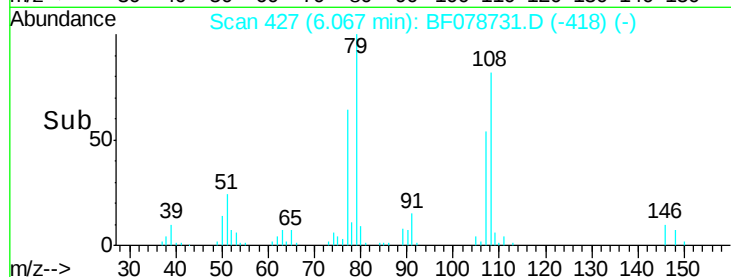
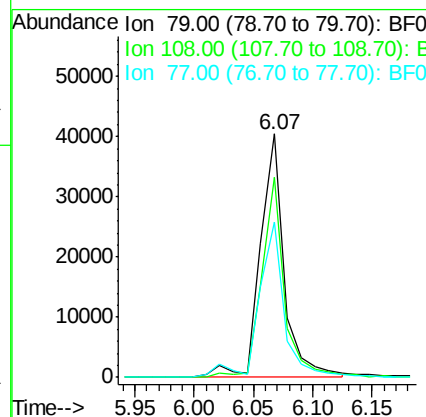
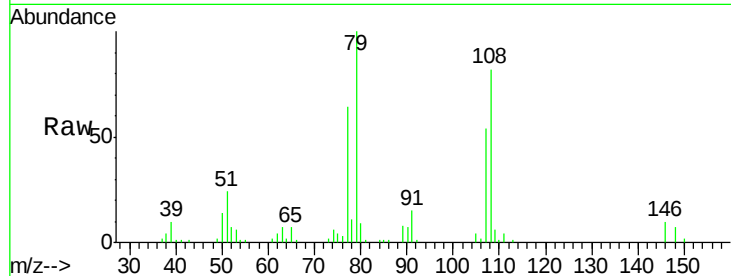
ClientSampleID :

PB82930BS

Tot Ion:	79	Resp:	57389
Ion Ratio	Lower	Upper	
79	100		
108	82.4	57.6	86.4
77	63.6	53.5	80.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.84 ng

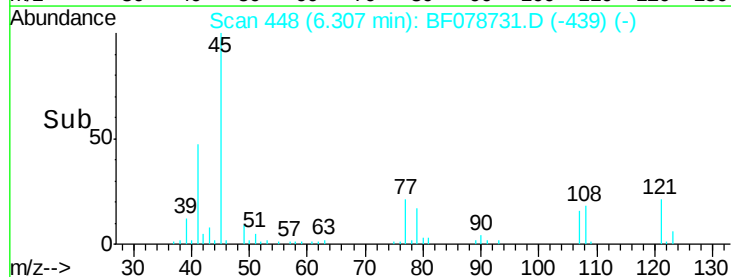
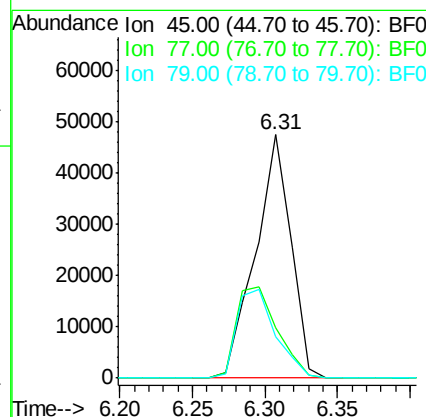
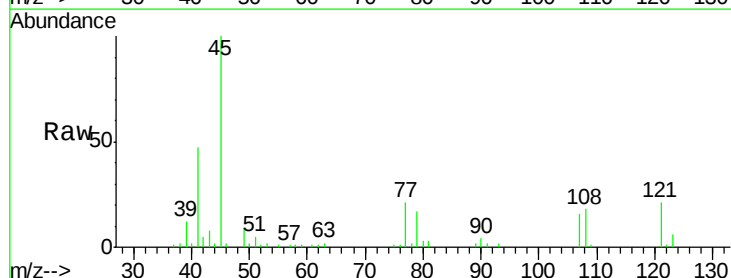
RT: 6.31 min Scan# 448

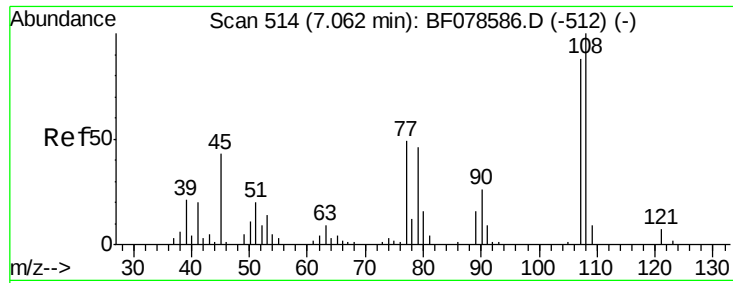
Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	45	Resp:	80759
Ion Ratio	Lower	Upper	
45	100		
77	20.8	0.0	34.5
79	17.2	0.0	31.9





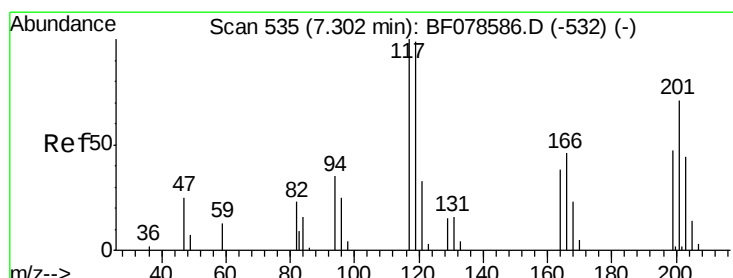
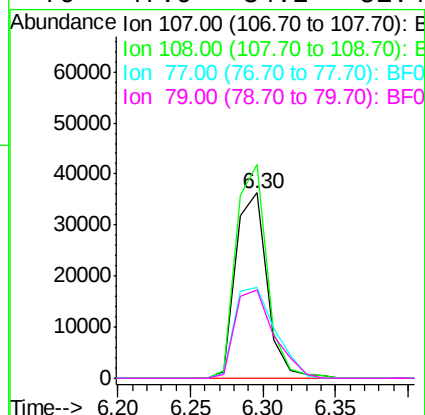
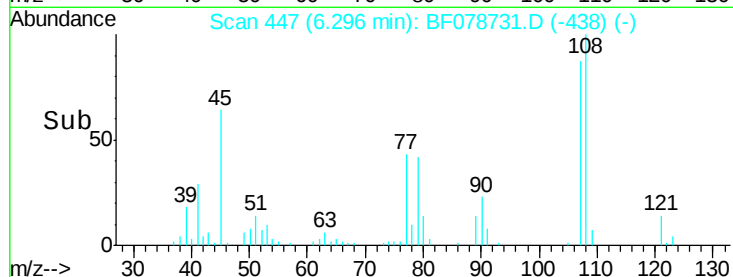
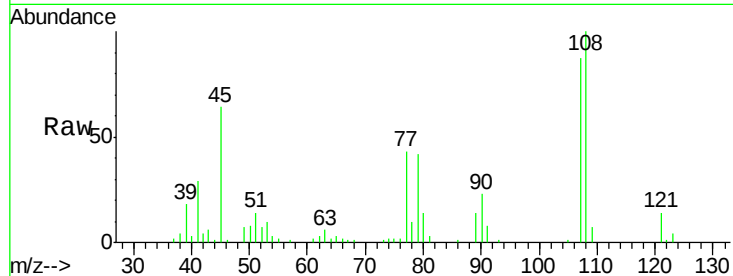
#17
2-Methylphenol
Concen: 37.95 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion:	107	Resp:	54498
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.3	135.5
77	49.2	35.5	53.3
79	47.9	34.2	51.4

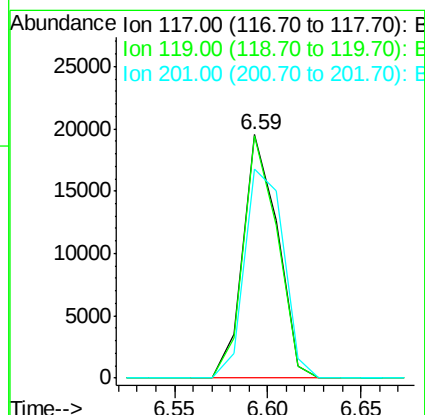
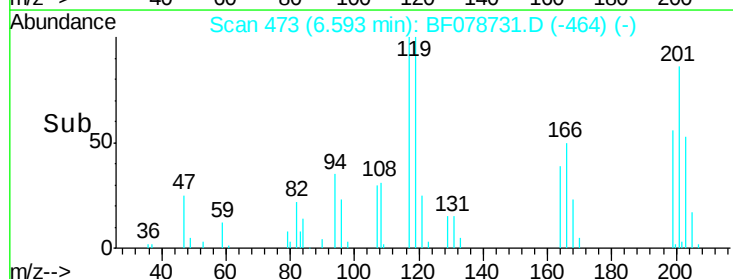
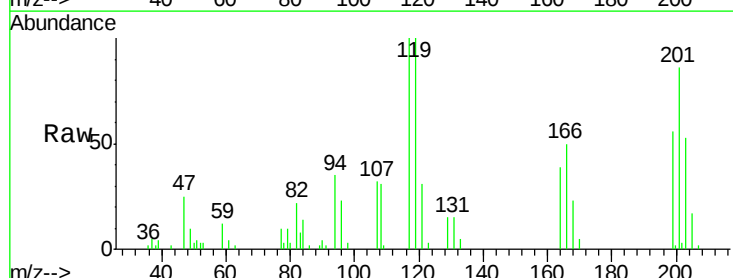
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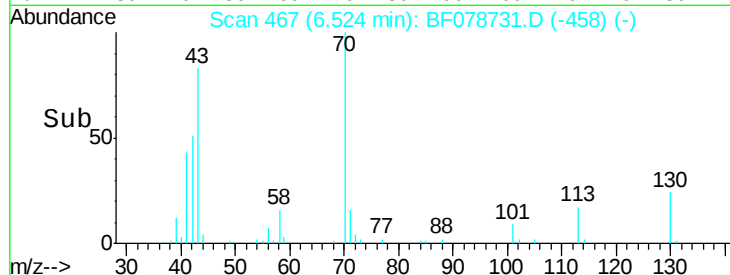
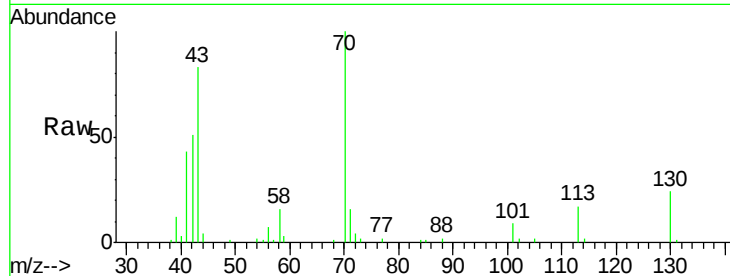
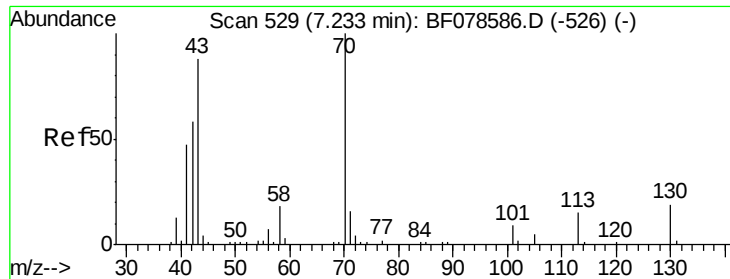
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#18
Hexachloroethane
Concen: 36.46 ng
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:	117	Resp:	25147
Ion Ratio	Lower	Upper	
117	100		
119	99.8	77.0	115.6
201	85.8	98.1	147.1#





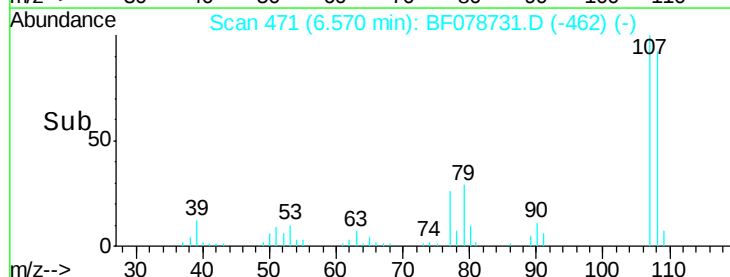
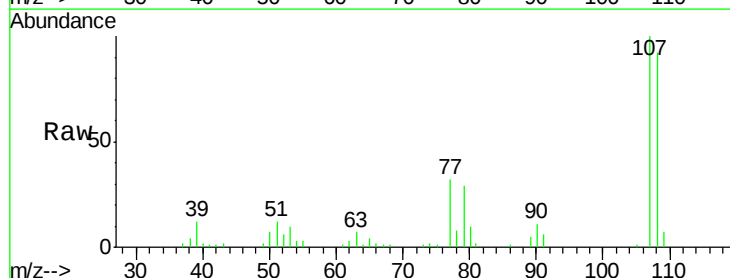
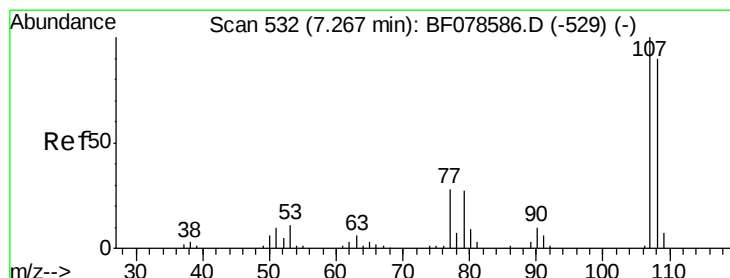
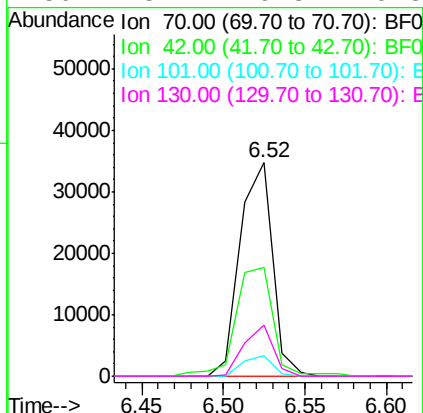
#19
n-Nitroso-di-n-propylamine
Concen: 37.07 ng
RT: 6.52 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Manual Integrations
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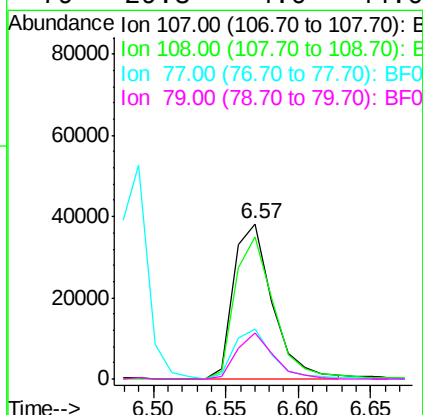
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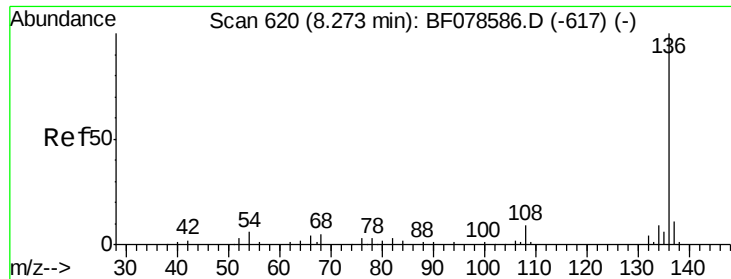
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.1	38.9	58.3	
101	9.4	8.3	12.5	
130	23.7	19.8	29.8	



#20
3+4-Methylphenols
Concen: 37.19 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	64.4	104.4	
77	32.2	9.7	49.7	
79	29.3	4.0	44.0	





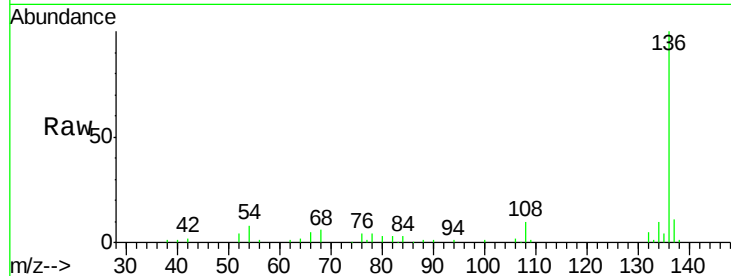
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

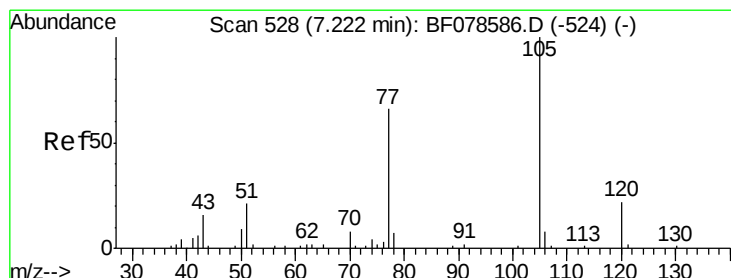
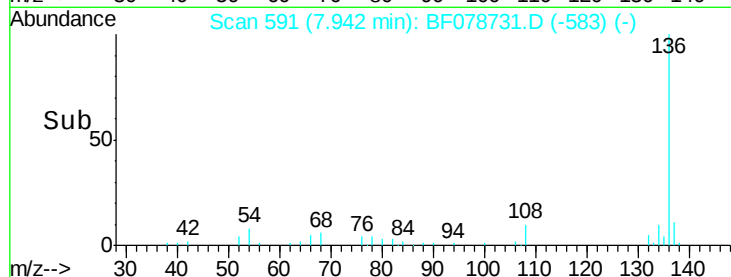
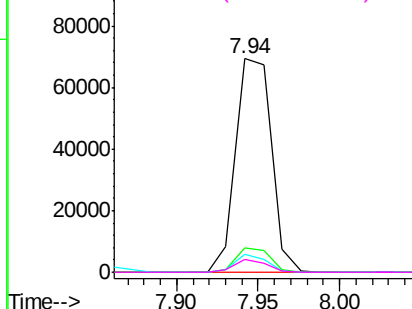
Tot Ion	Ratio	Resp	Lower	Upper
136	100	104977		
137	11.5	9.0	13.4	
54	8.2	7.0	10.6	
68	6.0	5.4	8.2	

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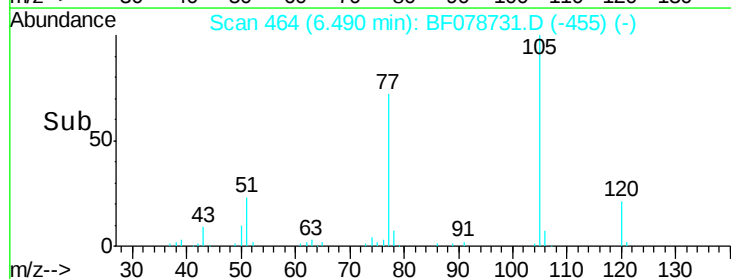
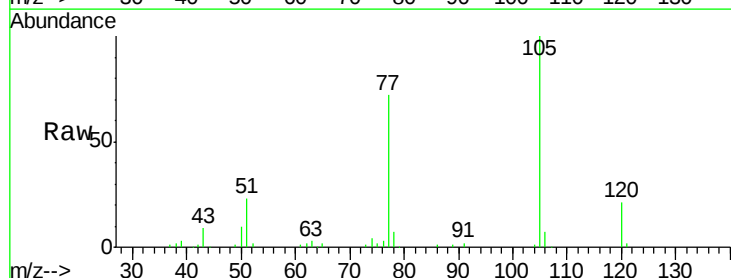
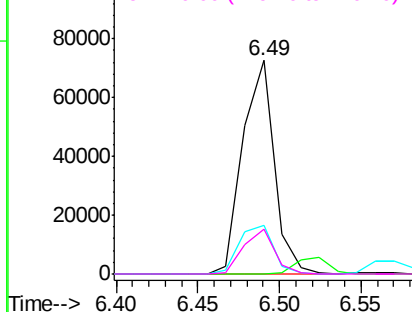
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

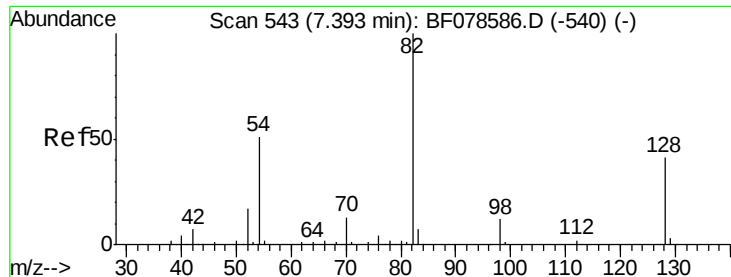


#22
Acetophenone
Concen: 39.85 ng
RT: 6.49 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	97483		
71	0.0	5.5	8.3#	
51	23.0	16.0	24.0	
120	21.2	17.8	26.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





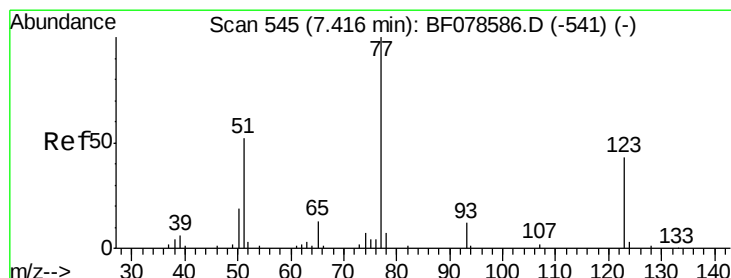
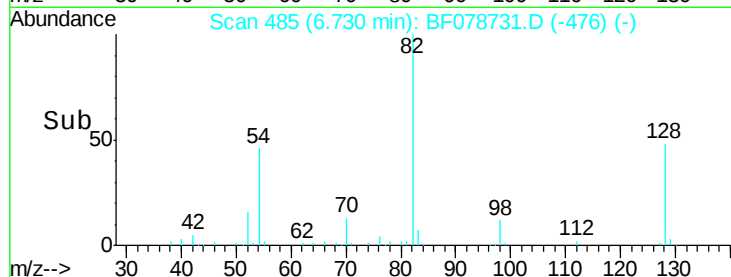
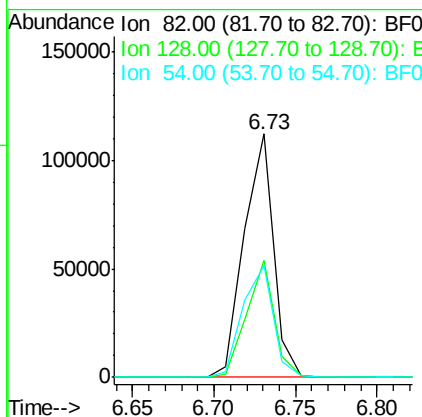
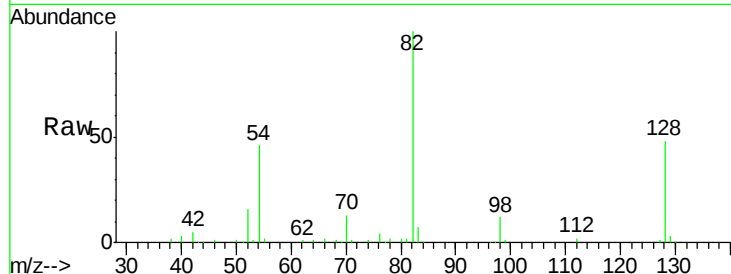
#23
Nitrobenzene-d5
Concen: 80.84 ng
RT: 6.73 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	48.2	31.8	47.8#
54	46.1	41.5	62.3

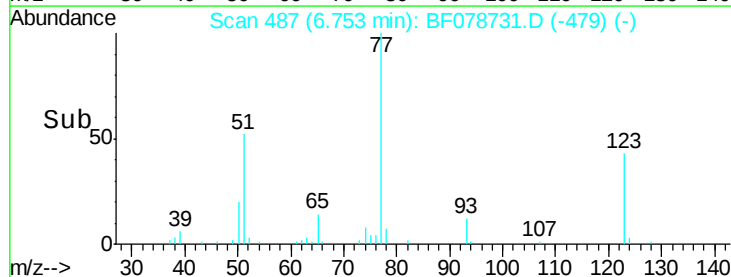
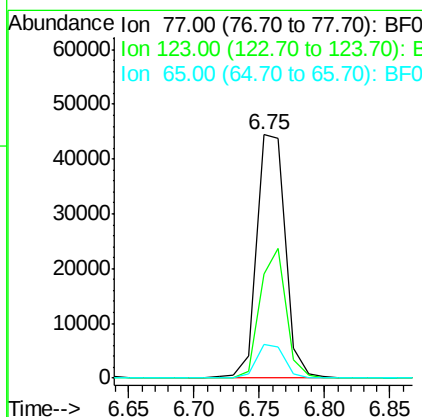
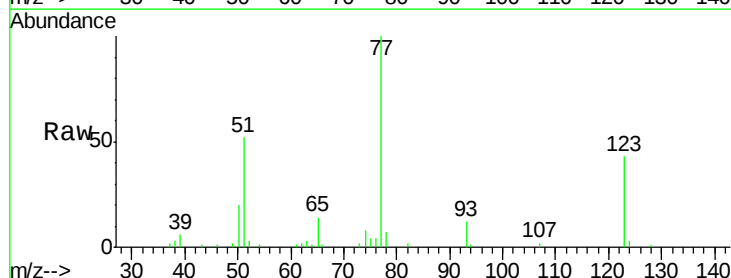
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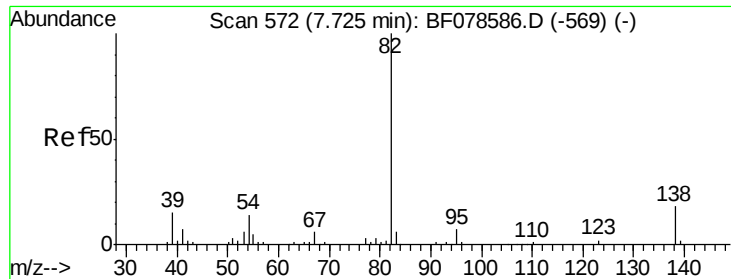
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#24
Nitrobenzene
Concen: 37.68 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.0	46.9	70.3#
65	13.8	9.5	14.3





#25

Isophorone

Concen: 37.93 ng

RT: 7.19 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

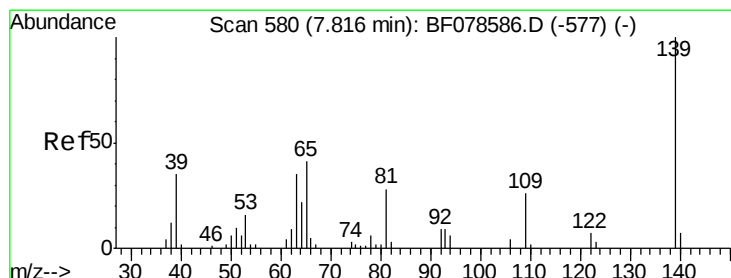
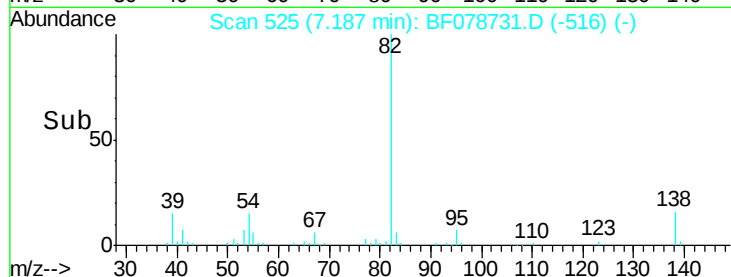
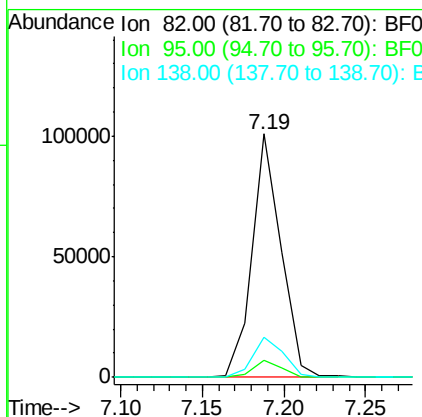
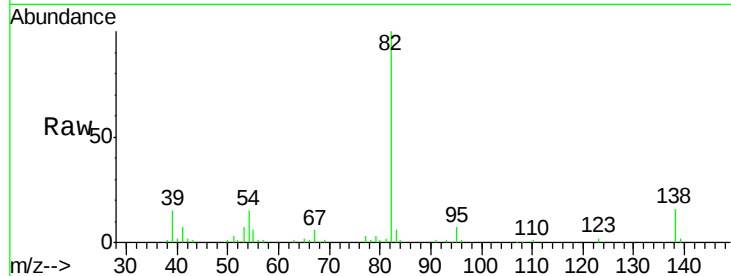
ClientSampled :

PB82930BS

Tot Ion:	82	Resp:	124690
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.7	8.5
138	16.5	15.8	23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.18 ng

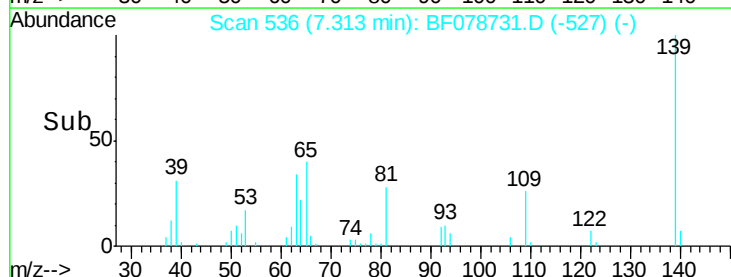
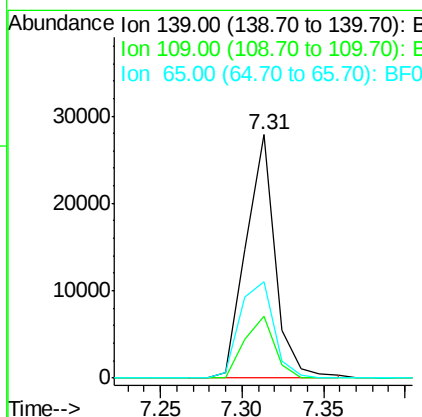
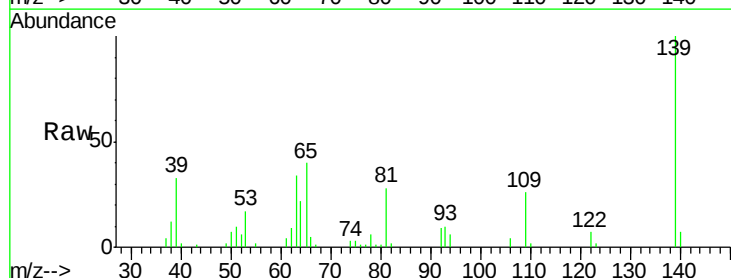
RT: 7.31 min Scan# 536

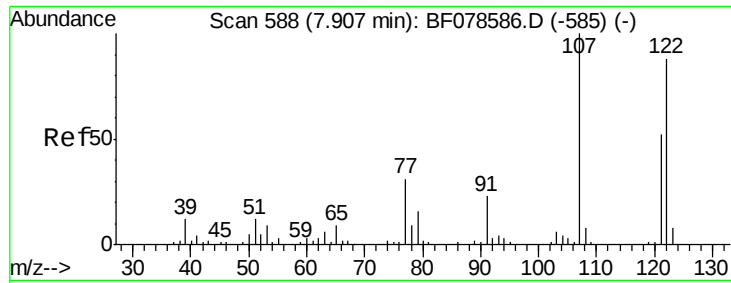
Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	139	Resp:	34671
Ion Ratio		Lower	Upper
139	100		
109	25.7	19.8	29.8
65	39.5	32.7	49.1





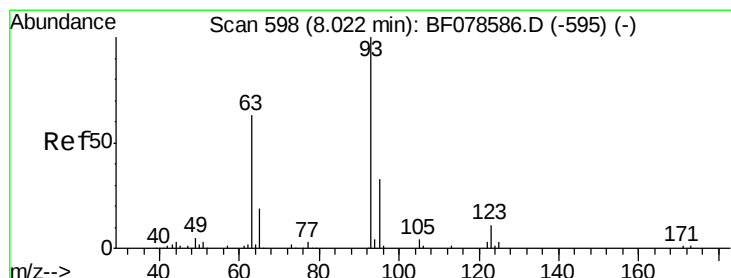
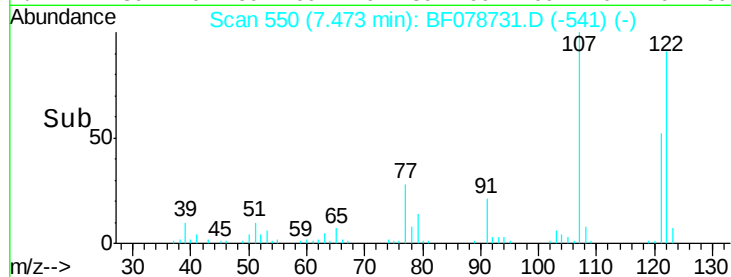
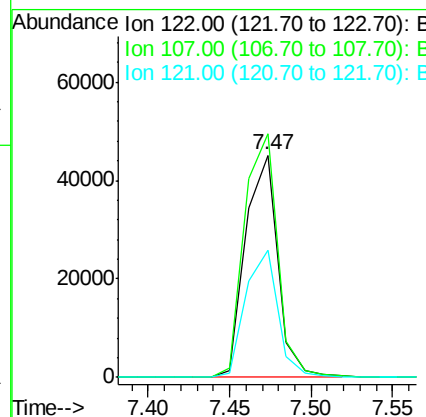
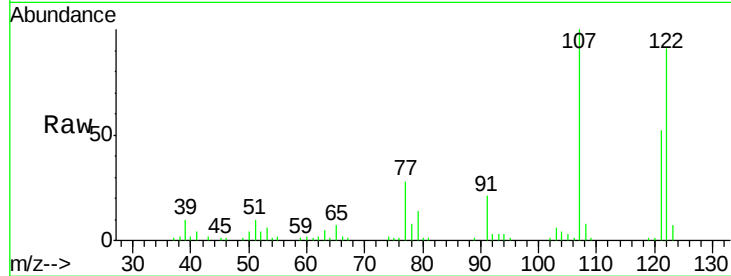
#27
 2,4-Dimethylphenol
 Concen: 38.55 ng
 RT: 7.47 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	61845		
107	109.7	84.6	127.0	
121	57.5	46.0	69.0	

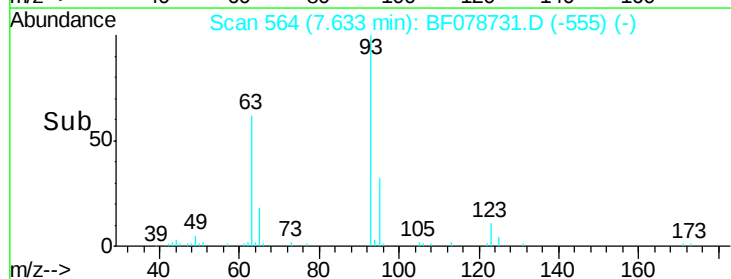
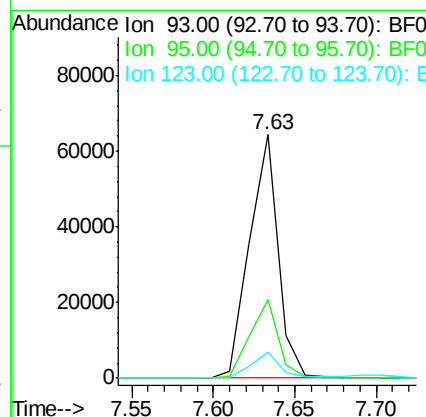
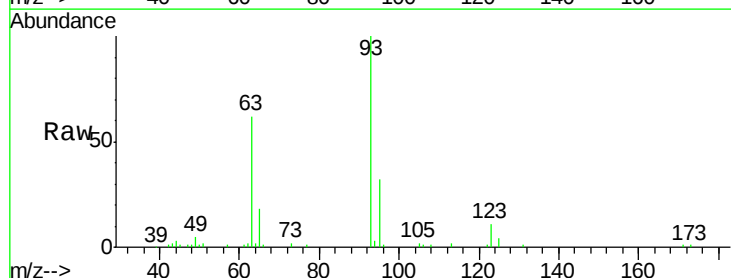
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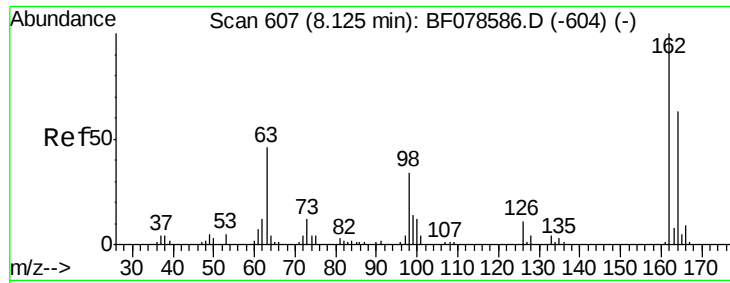
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.07 ng
 RT: 7.63 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	78142		
95	32.0	26.3	39.5	
123	10.9	9.1	13.7	





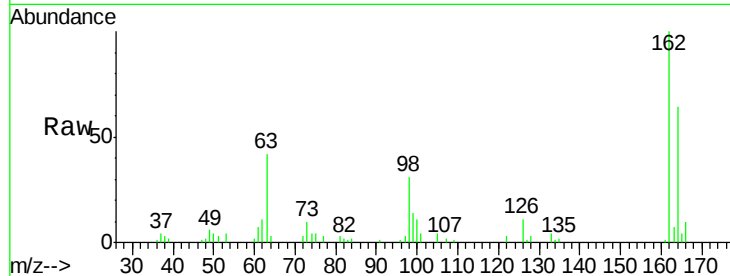
#29
 2,4-Dichlorophenol
 Concen: 39.96 ng
 RT: 7.76 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

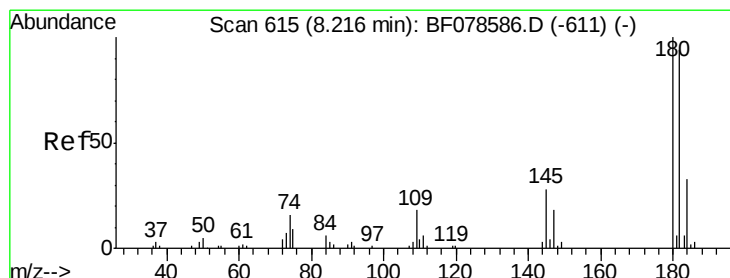
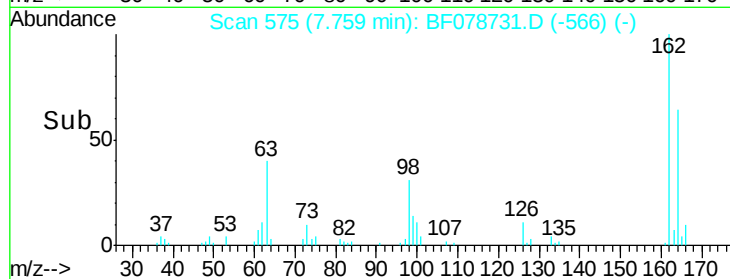
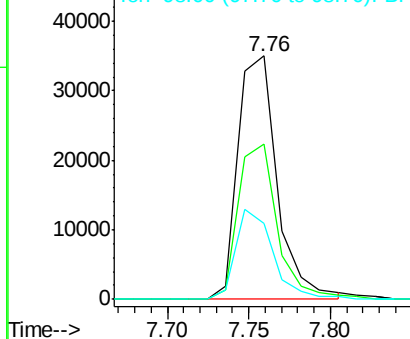
Tot Ion:	162	Resp:	58329
Ion Ratio	Lower	Upper	
162	100		
164	63.7	47.0	87.0
98	31.3	9.2	49.2

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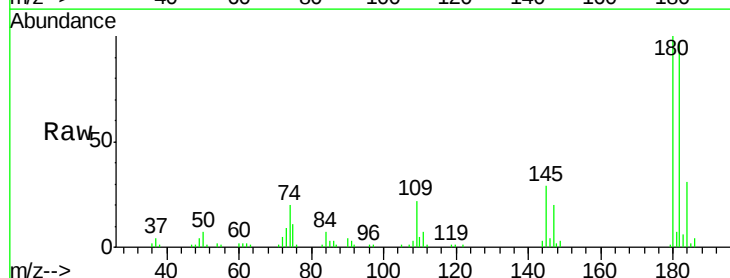


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

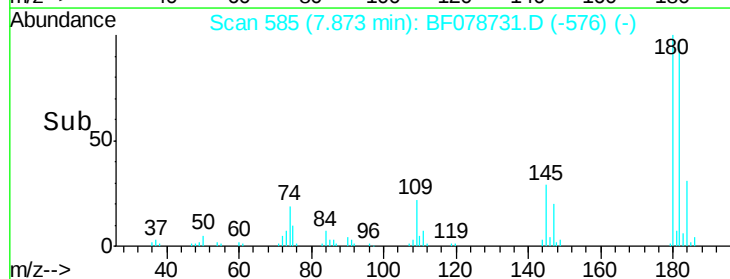
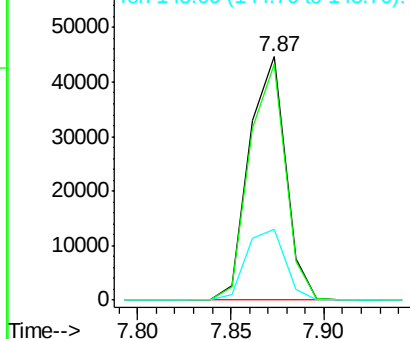


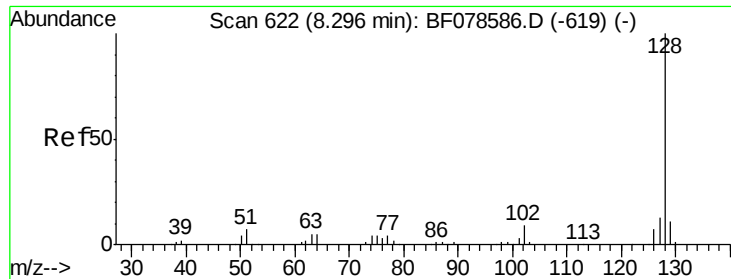
#30
 1,2,4-Trichlorobenzene
 Concen: 36.13 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:	180	Resp:	60468
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.9	115.3
145	29.1	22.5	33.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





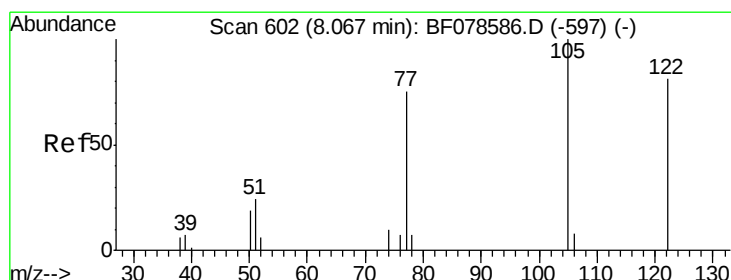
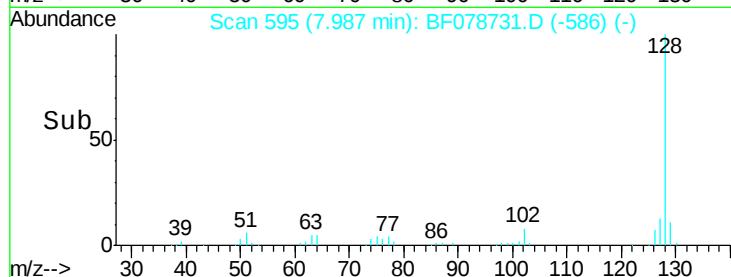
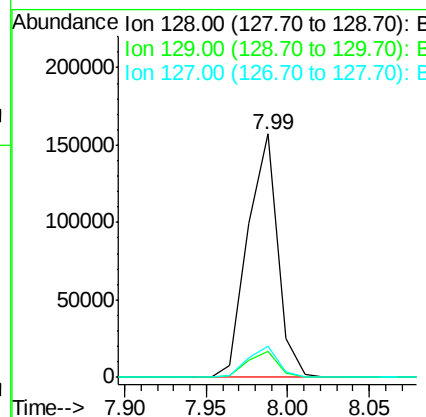
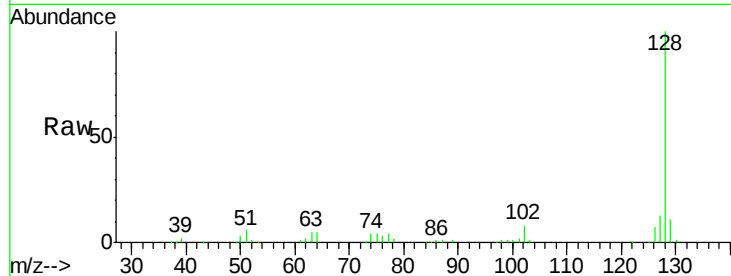
#31
Naphthalene
Concen: 36.59 ng
RT: 7.99 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	199923		
129	10.6	8.6	12.8	
127	12.8	10.7	16.1	

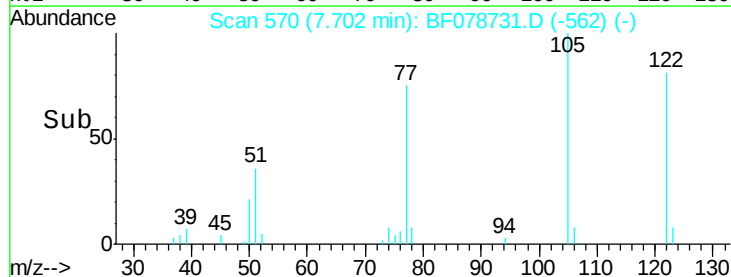
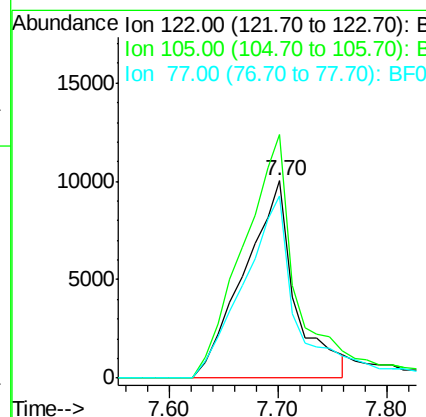
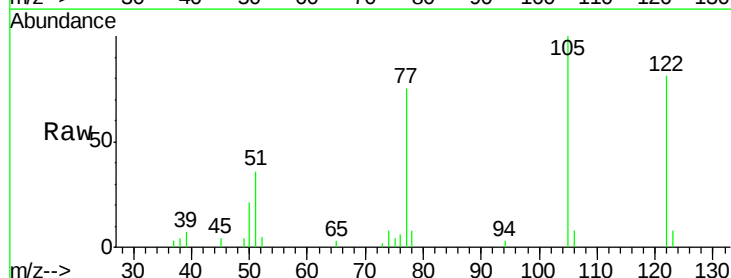
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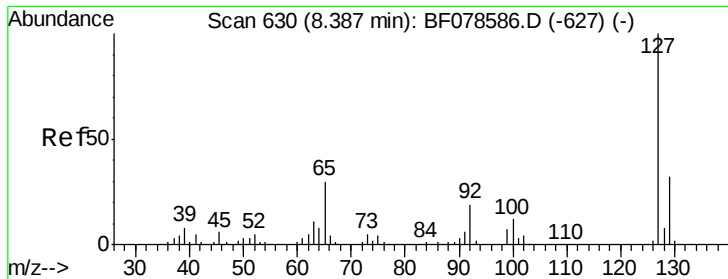
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#32
Benzoic acid
Concen: 44.15 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32911		
105	123.5	96.1	136.1	
77	92.1	64.1	104.1	





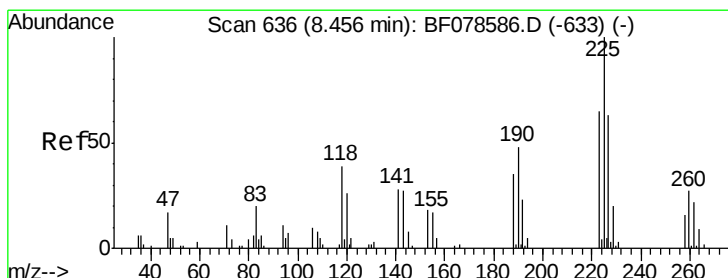
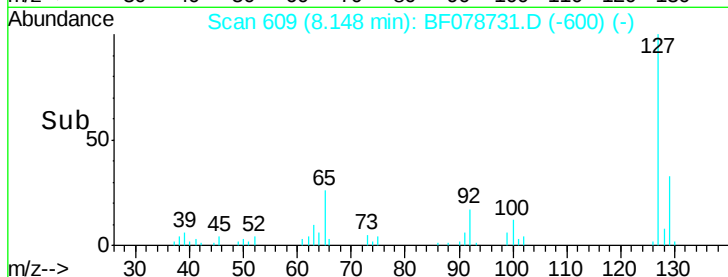
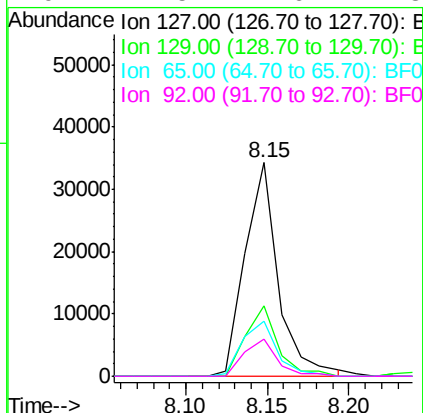
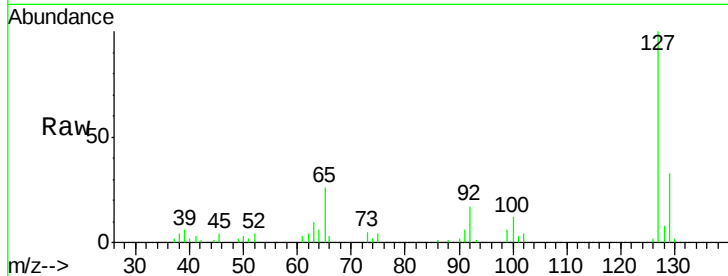
#33
 4-Chloroaniline
 Concen: 21.33 ng
 RT: 8.15 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion:	127	Resp:	48354
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.5	38.3
65	25.6	21.7	32.5
92	17.5	14.6	21.8

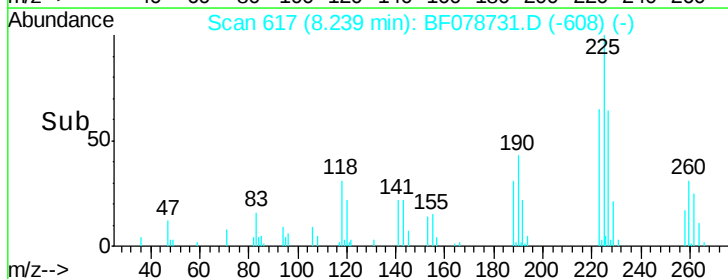
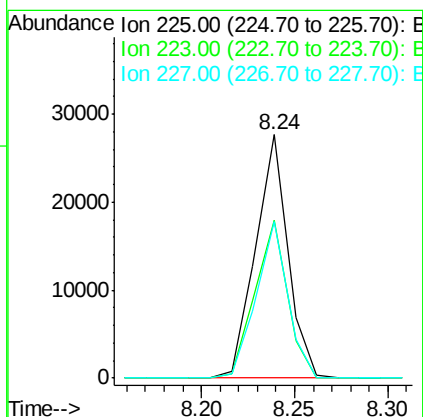
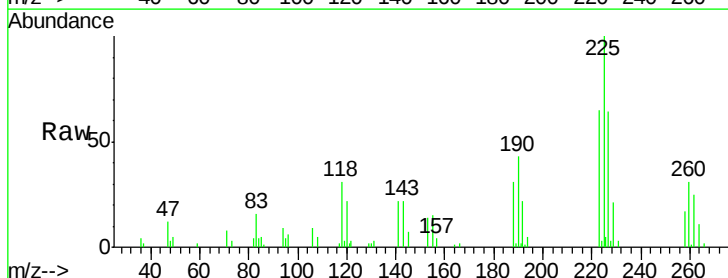
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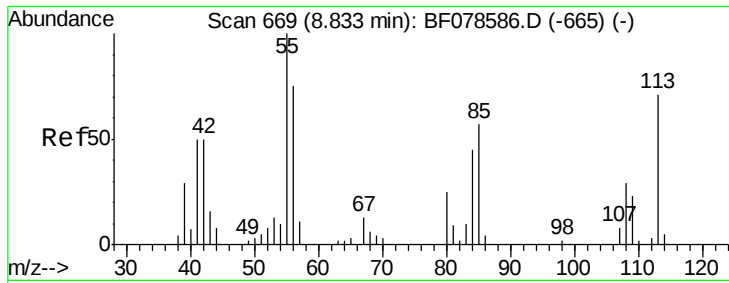
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#34
 Hexachlorobutadiene
 Concen: 36.04 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:	225	Resp:	33114
Ion Ratio	Lower	Upper	
225	100		
223	64.7	47.5	71.3
227	64.5	50.2	75.2





#35

Caprolactam

Concen: 39.98 ng

RT: 8.78 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

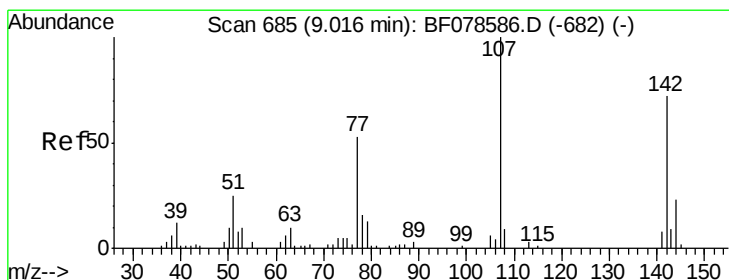
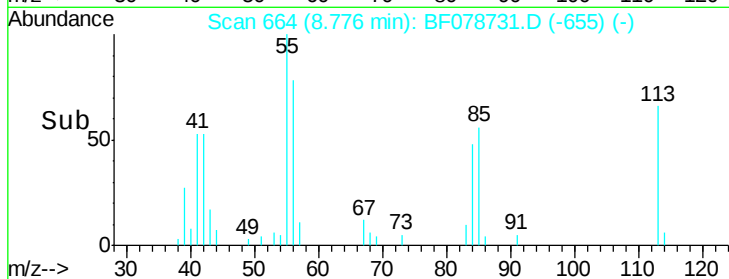
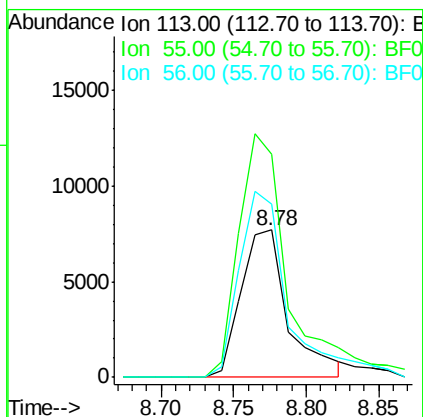
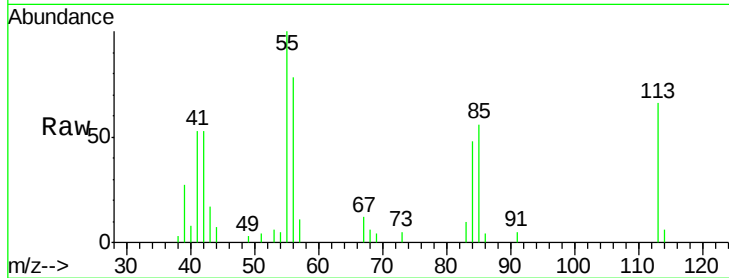
ClientSampleId :

PB82930BS

Tot Ion:	113	Resp:	17420
Ion Ratio	Lower	Upper	
113	100		
55	152.0	151.9	191.9
56	118.1	106.1	146.1

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#36

4-Chloro-3-methylphenol

Concen: 41.82 ng

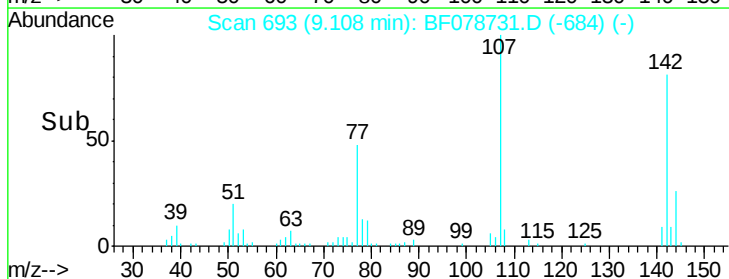
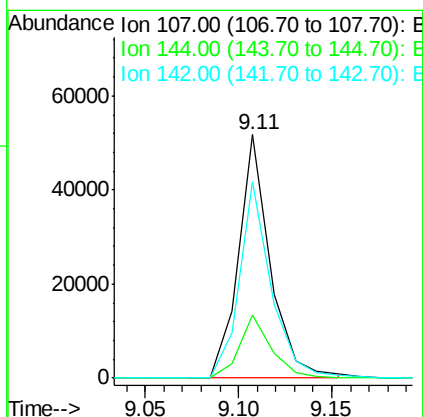
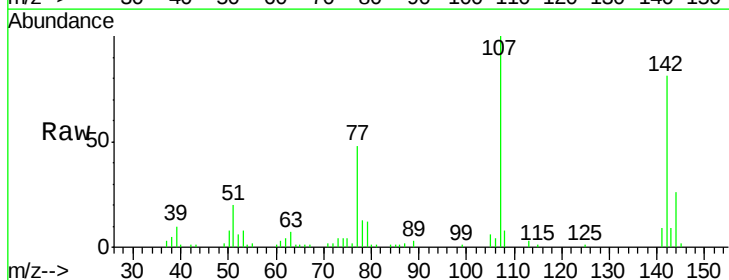
RT: 9.11 min Scan# 693

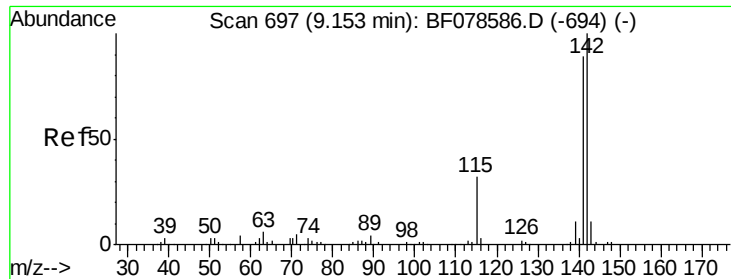
Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	107	Resp:	61582
Ion Ratio	Lower	Upper	
107	100		
144	26.0	18.2	27.2
142	80.8	58.0	87.0





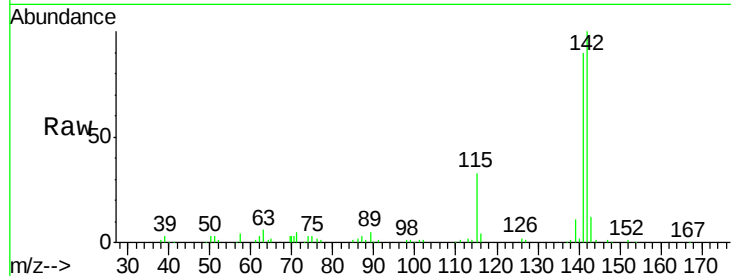
#37
2-Methylnaphthalene
Concen: 37.33 ng
RT: 9.24 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

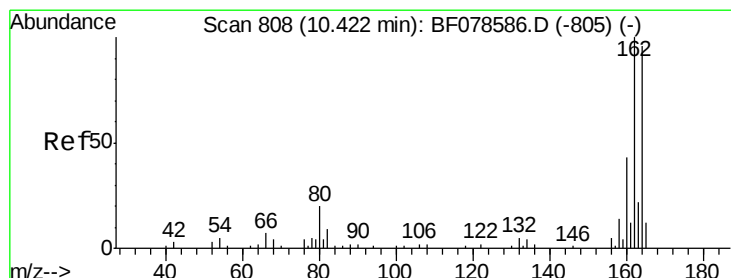
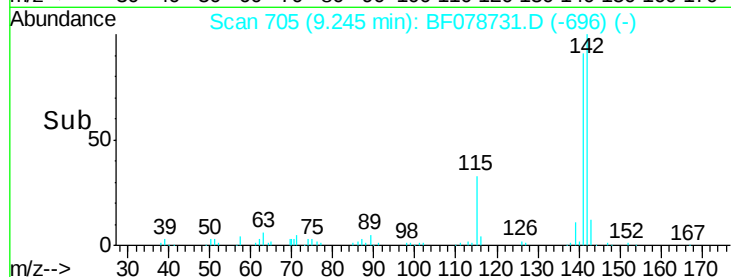
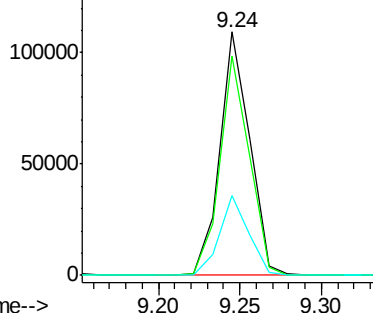
Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		138461		
141	90.1	70.3	105.5		
115	32.6	24.6	37.0		

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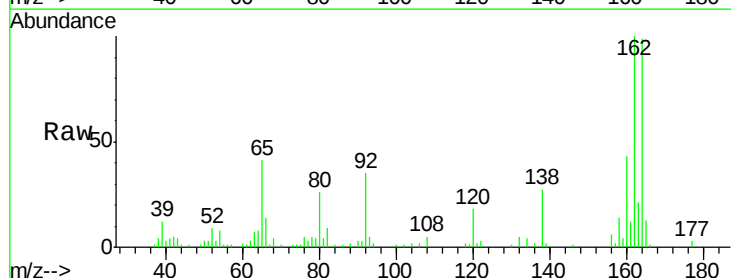


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

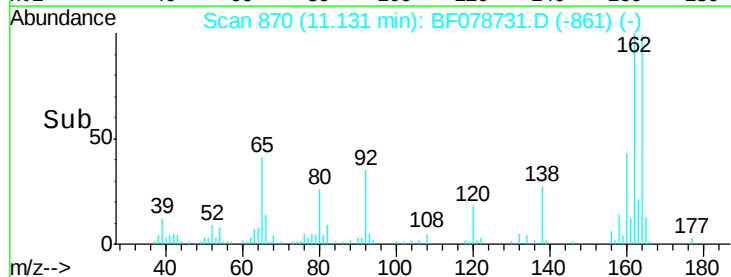
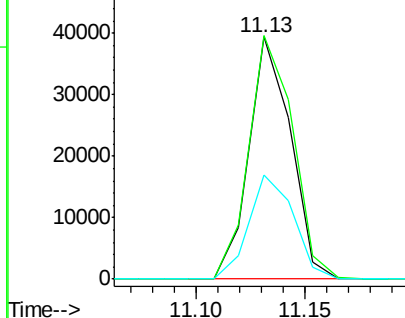


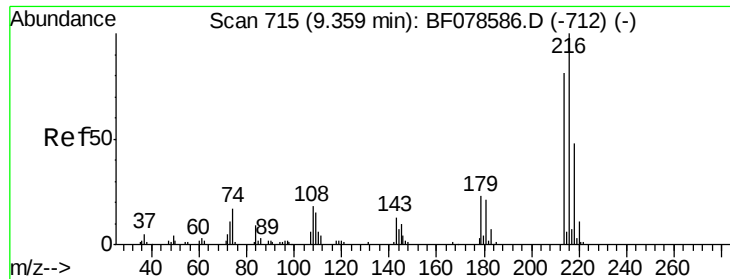
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		52741		
162	100.5	82.2	123.2		
160	43.1	34.7	52.1		



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.63 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

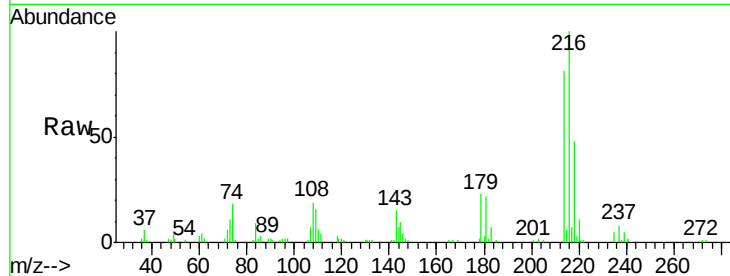
ClientSampleId :

PB82930BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		59853		
214	79.5		62.0	93.0	
179	21.8		17.3	25.9	
108	19.5		14.6	21.8	

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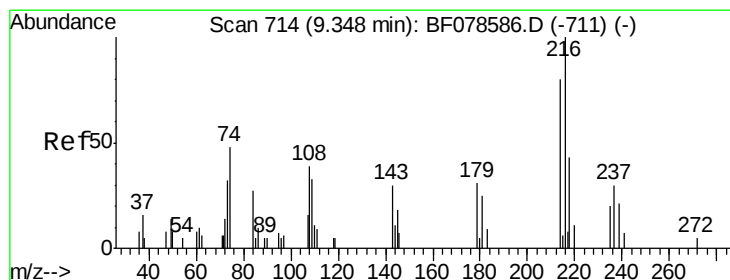
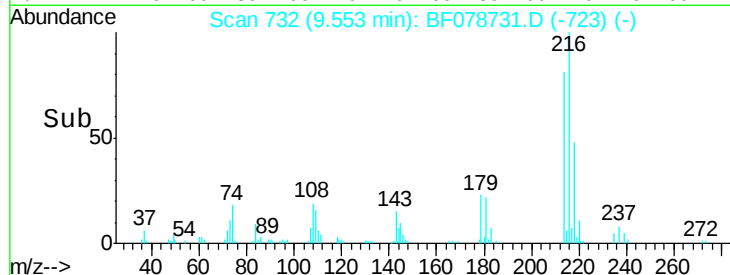
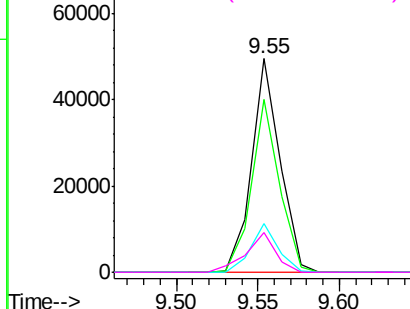


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.73 ng

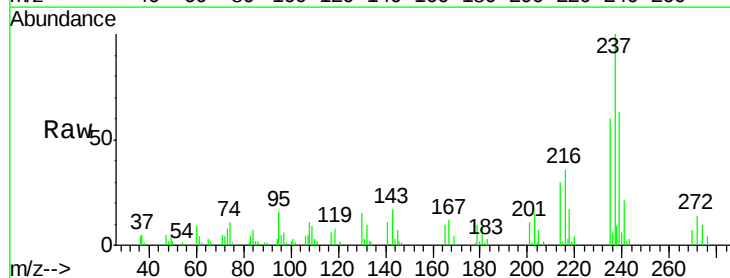
RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

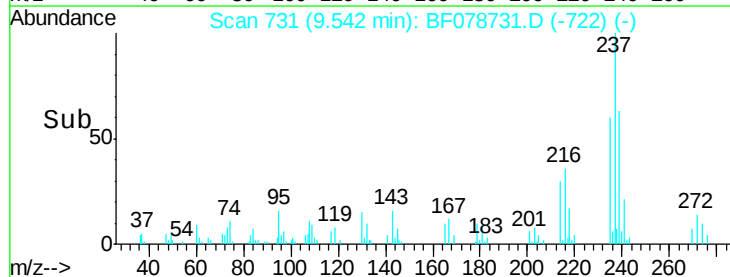
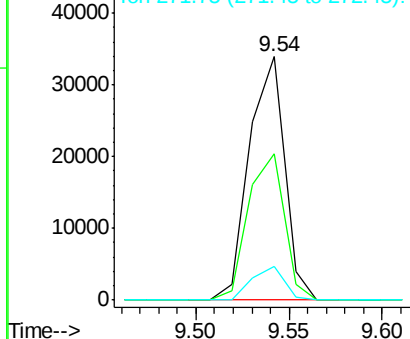
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		44539		
235	59.9		44.1	84.1	
272	13.7		0.0	34.4	

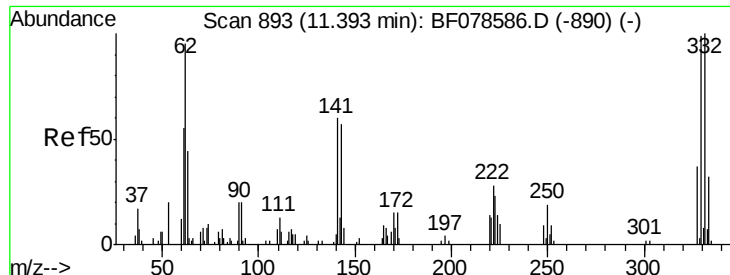


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





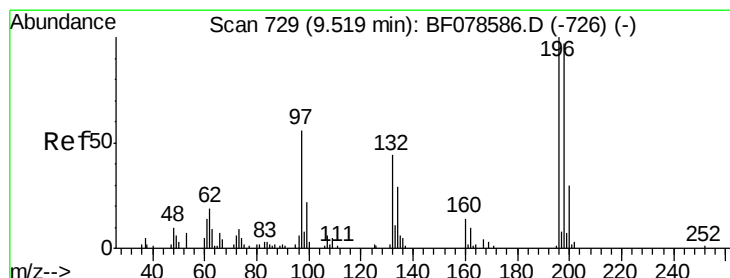
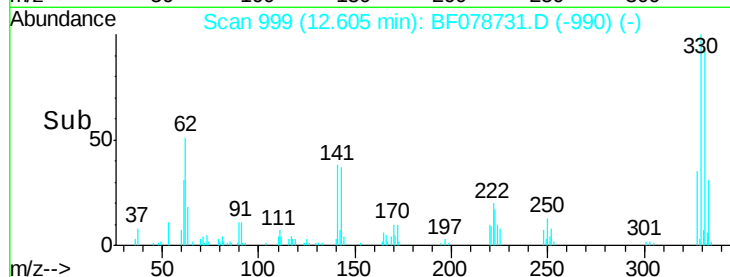
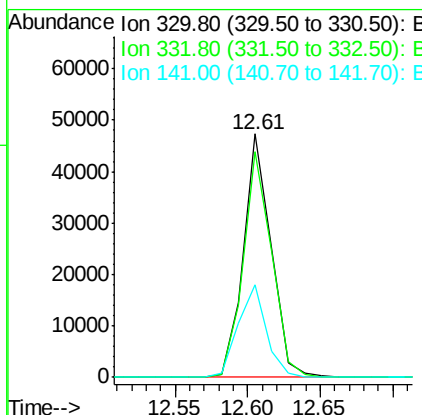
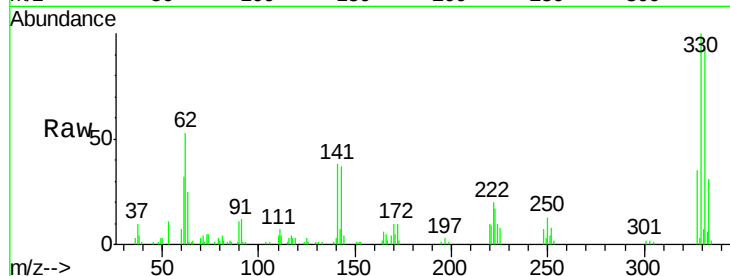
#41
 2,4,6-Tribromophenol
 Concen: 143.22 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.6	117.8
141	38.5	31.2	46.8

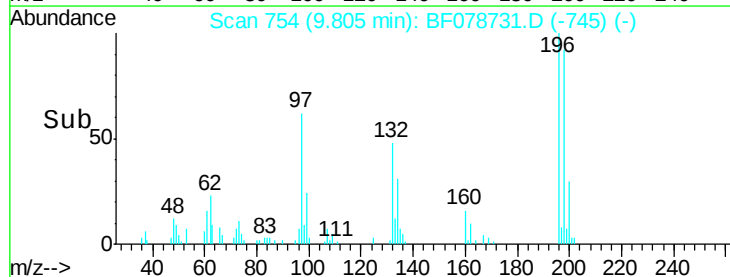
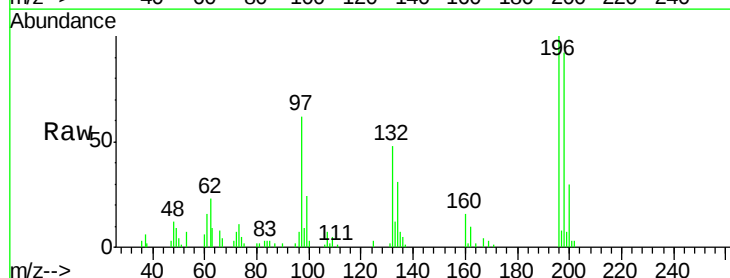
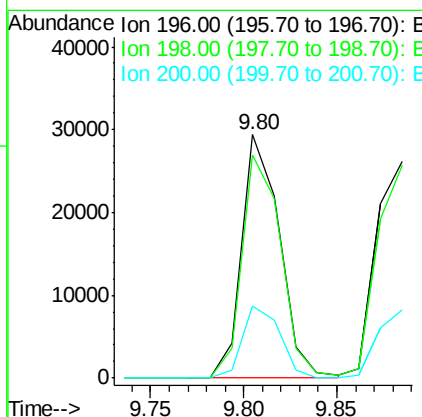
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#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.4	113.2
200	29.7	24.0	36.0





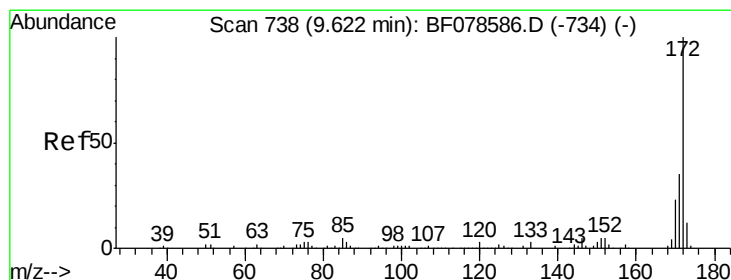
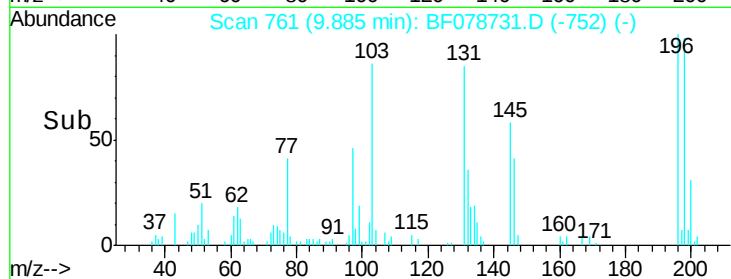
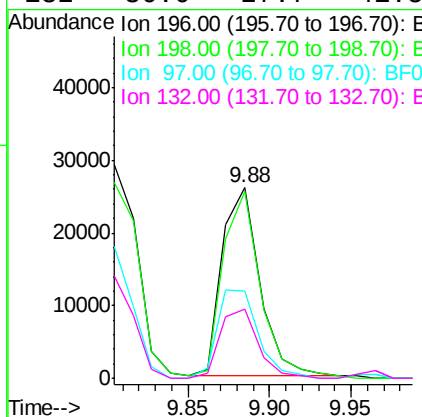
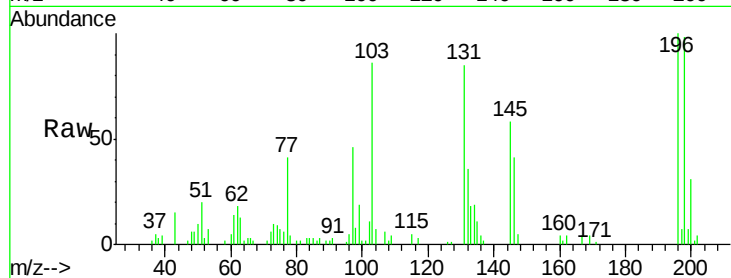
#43
2,4,5-Trichlorophenol
Concen: 38.19 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	41123		
198	97.8	76.6	115.0	
97	45.7	50.6	75.8	
132	36.0	27.7	41.5	

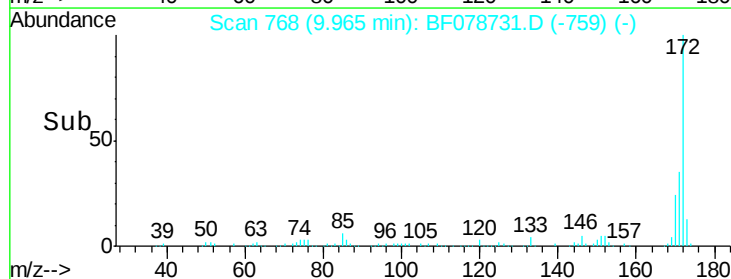
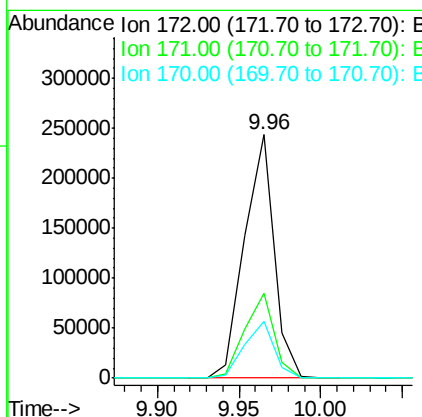
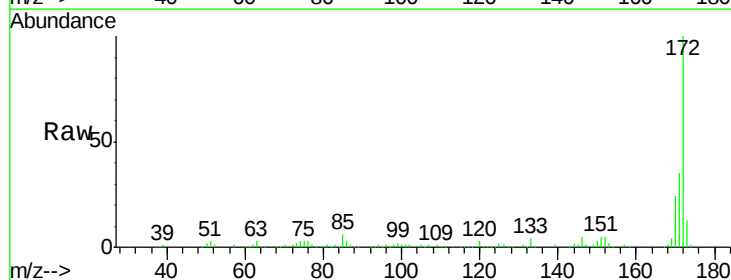
Manual Integrations
APPROVED

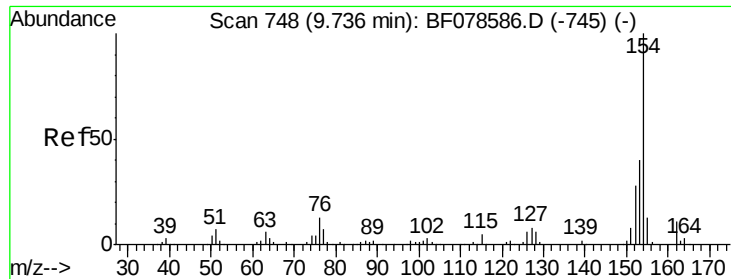
apatel
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#44
2-Fluorobiphenyl
Concen: 82.82 ng
RT: 9.96 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	305594		
171	34.6	28.6	42.8	
170	23.5	18.5	27.7	





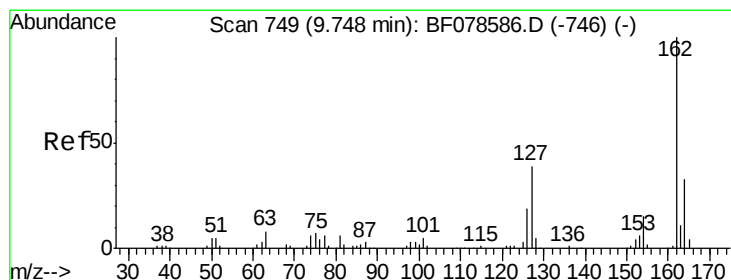
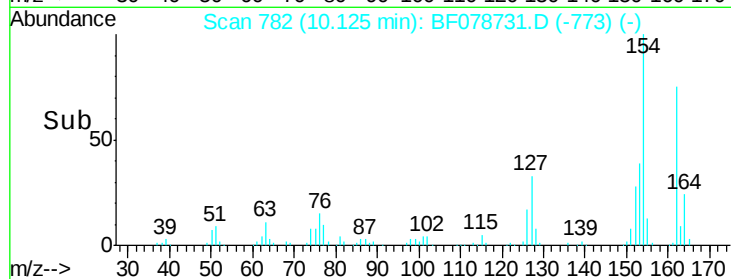
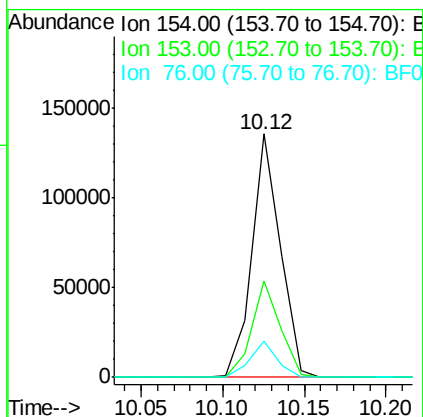
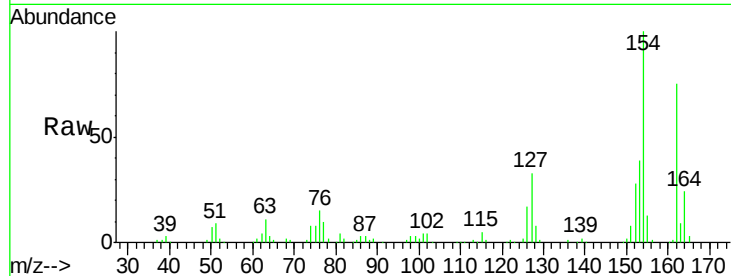
#45
 1,1'-Biphenyl
 Concen: 38.24 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	20.0	60.0	
76	14.9	0.0	30.6	

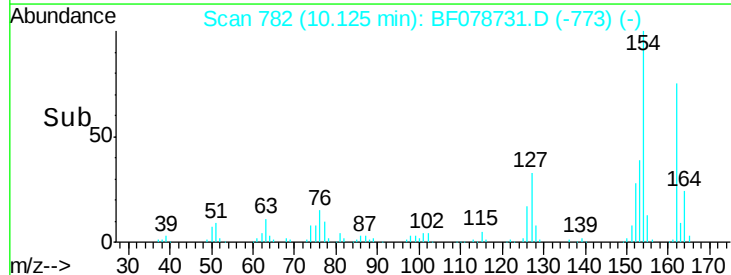
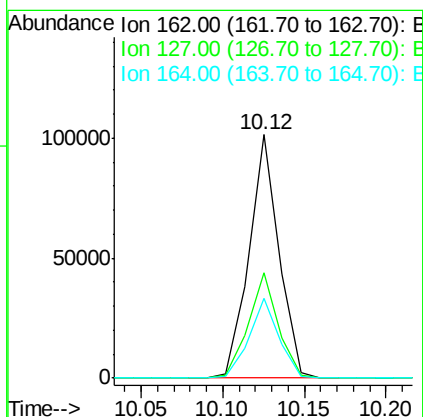
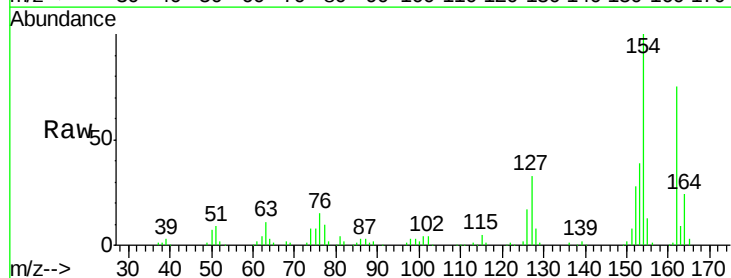
Manual Integrations
 APPROVED

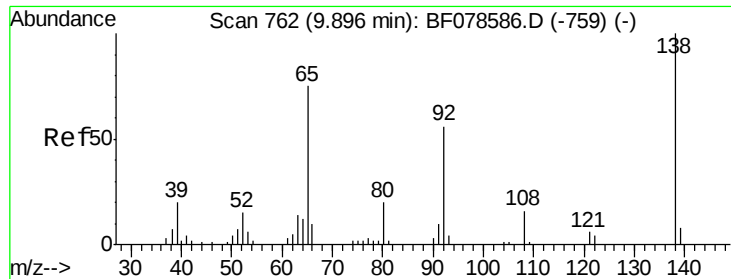
apatel
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#46
 2-Chloronaphthalene
 Concen: 37.78 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.5	32.6	49.0	
164	32.6	26.0	39.0	





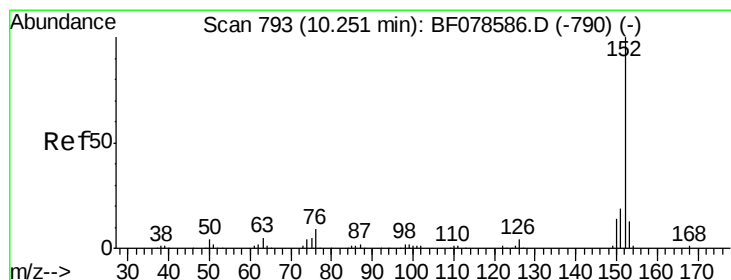
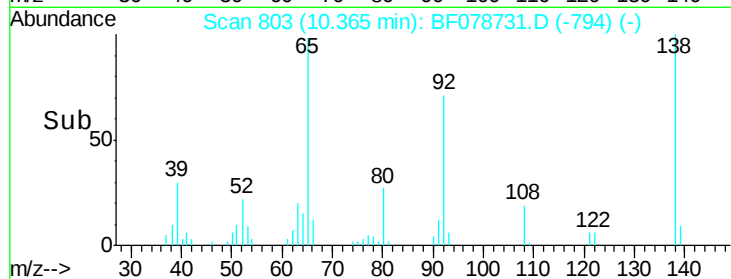
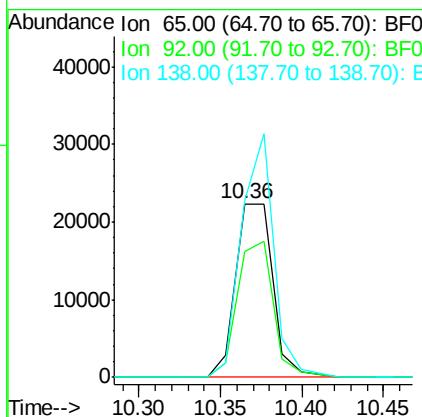
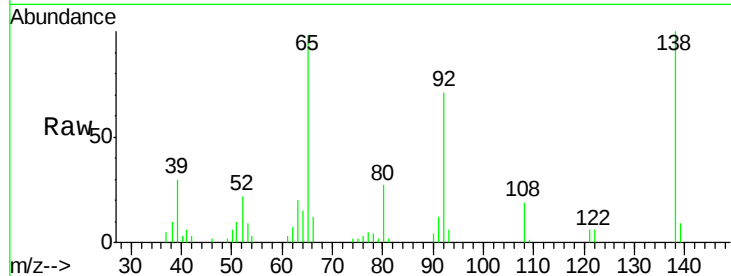
#47
 2-Nitroaniline
 Concen: 42.14 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	51.3	76.9
138	101.9	70.4	105.6

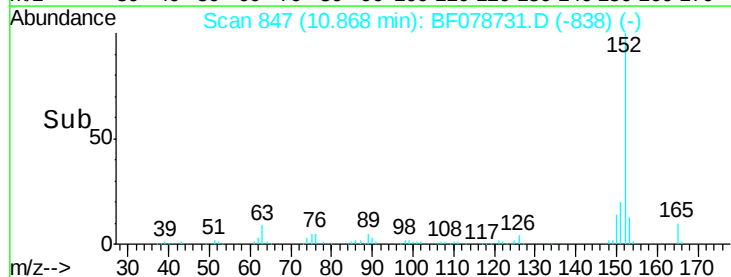
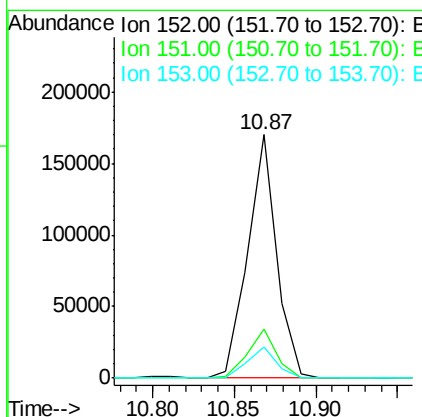
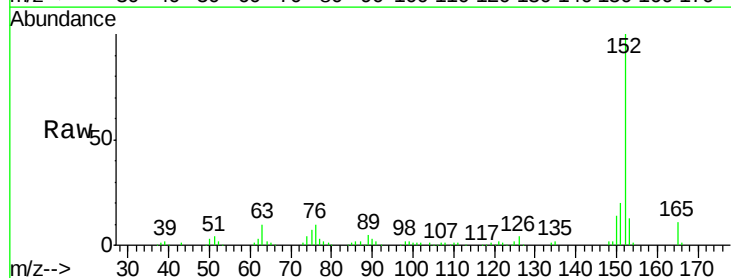
Manual Integrations
 APPROVED

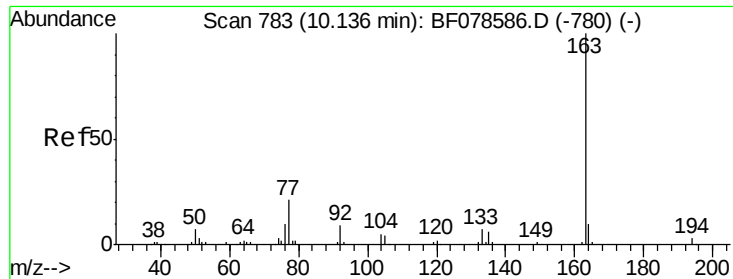
apatel
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#48
 Acenaphthylene
 Concen: 38.04 ng
 RT: 10.87 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.6	10.2	15.2





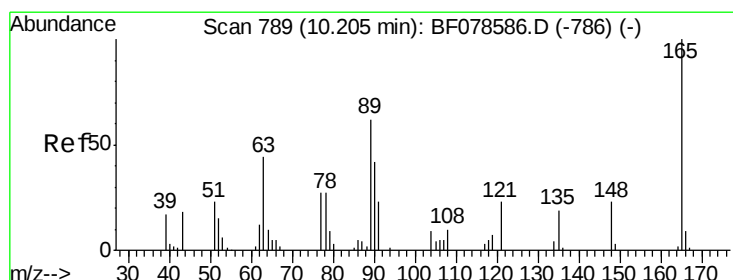
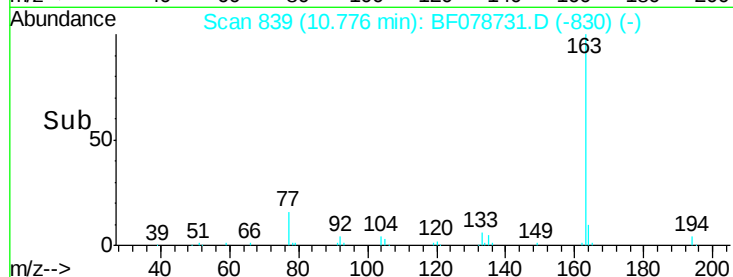
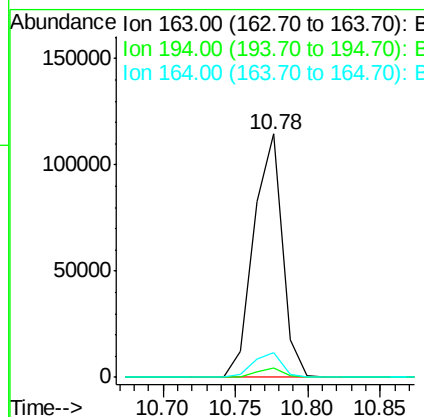
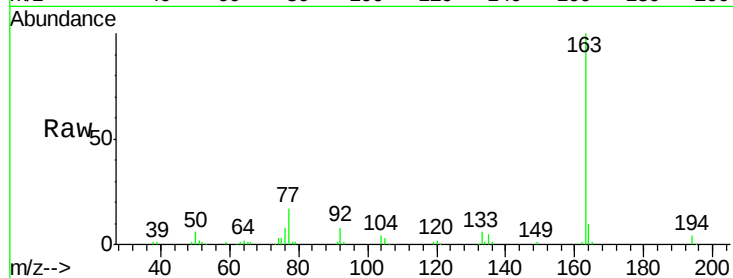
#49
Dimethylphthalate
Concen: 39.51 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156544		
194	3.7	2.3	3.5#	
164	9.9	8.6	13.0	

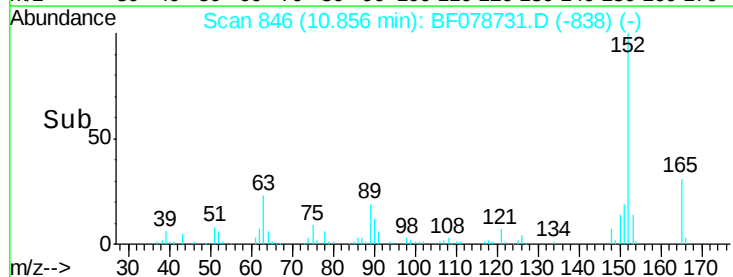
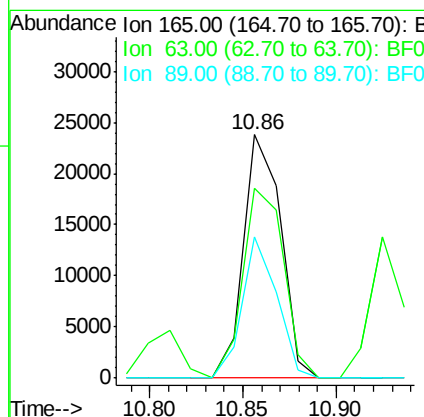
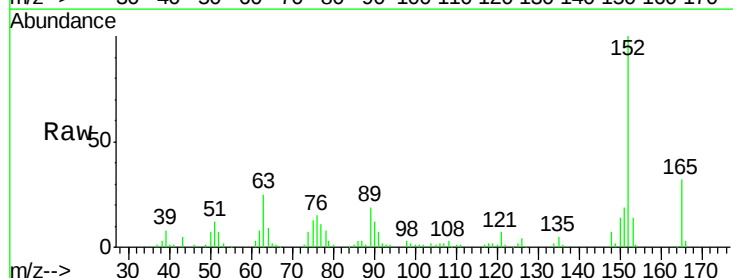
Manual Integrations
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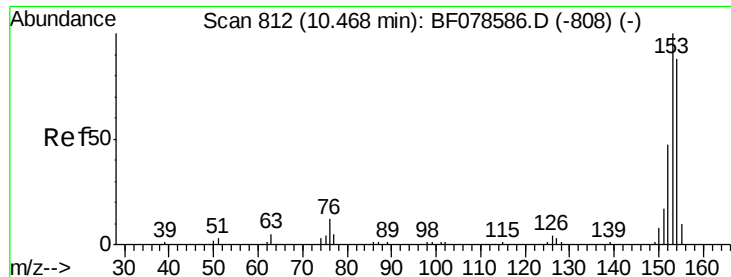
apatel
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#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	33086		
63	78.0	24.1	36.1#	
89	57.8	28.9	43.3#	





#51

Acenaphthene

Concen: 39.07 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

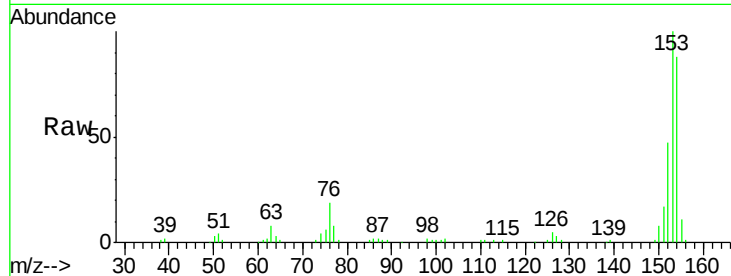
ClientSampleId :

PB82930BS

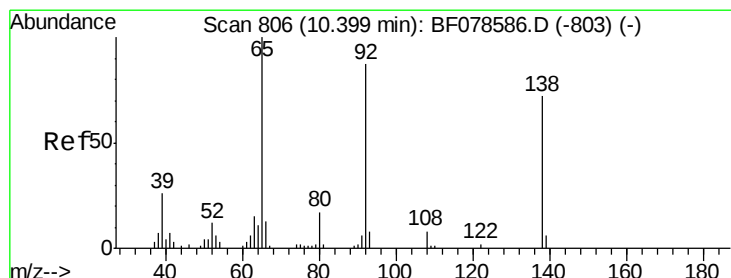
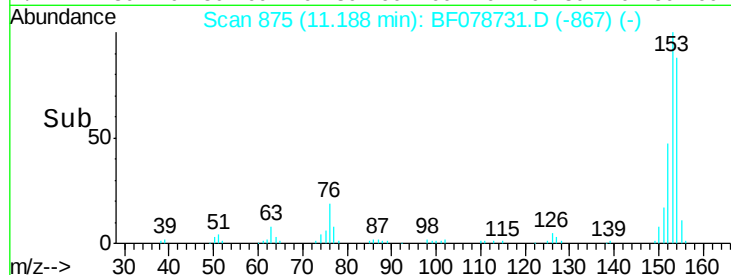
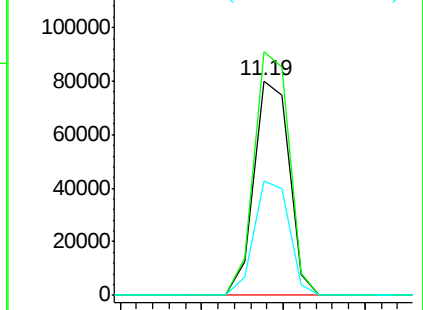
Tot Ion:	154	Resp:	120562
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.4	137.2
152	53.0	43.0	64.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.95 ng

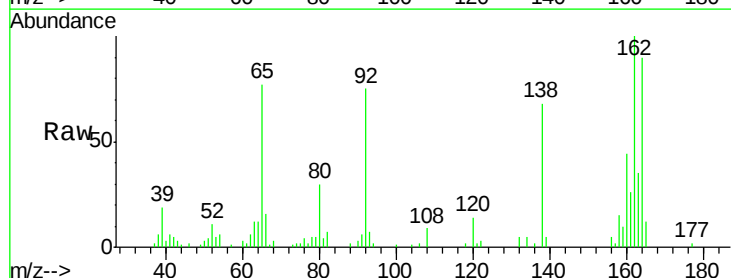
RT: 11.14 min Scan# 871

Delta R.T. 0.00 min

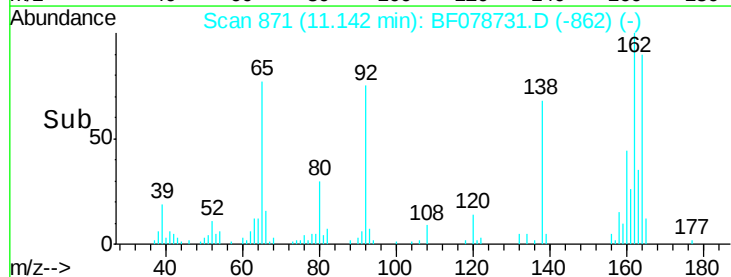
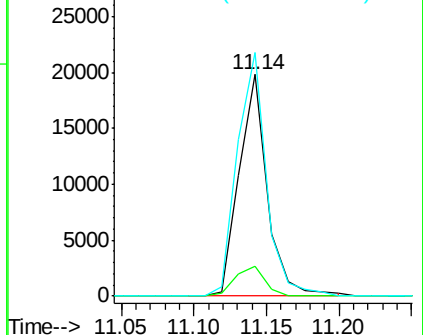
Lab File: BF078731.D

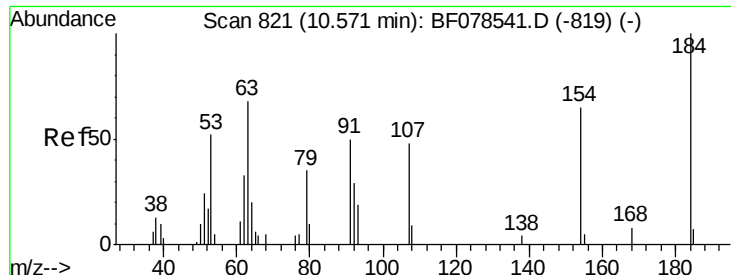
Acq: 22 Apr 2015 23:11

Tgt Ion:	138	Resp:	26832
Ion Ratio	Lower	Upper	
138	100		
108	13.2	8.2	12.4#
92	109.8	88.4	132.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





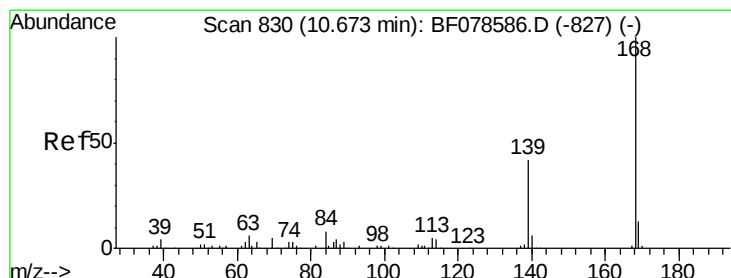
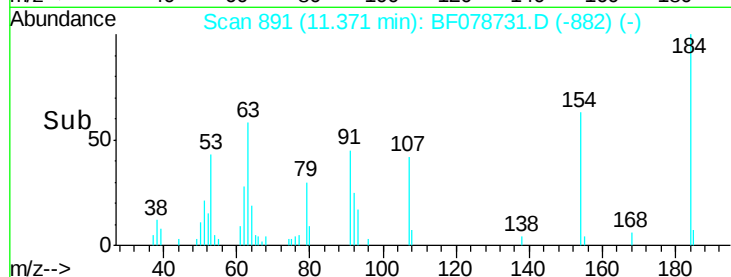
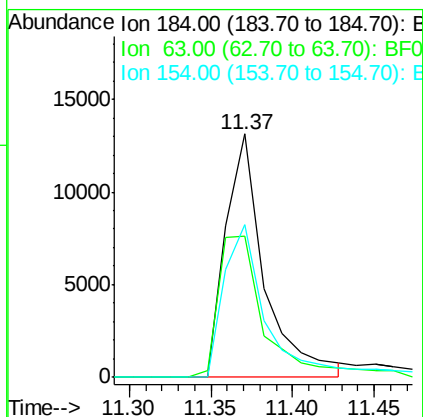
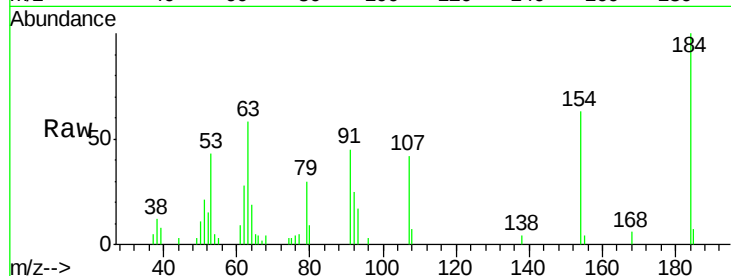
#53
 2,4-Dinitrophenol
 Concen: 71.93 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	51.9	77.9
154	62.6	51.0	76.4

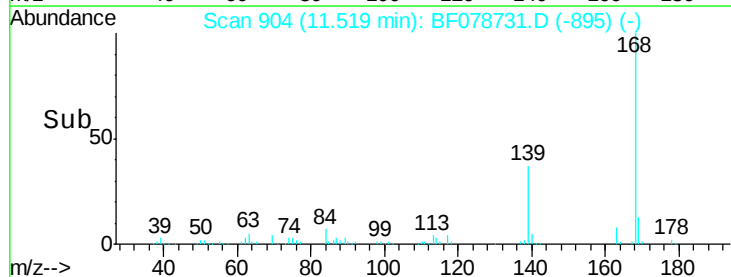
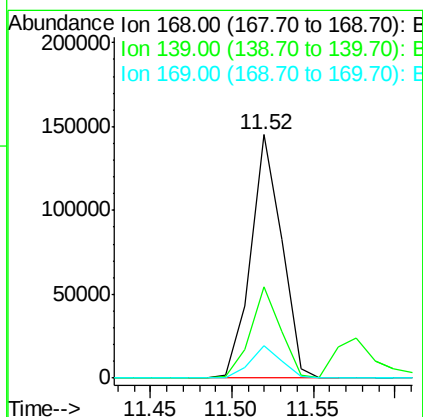
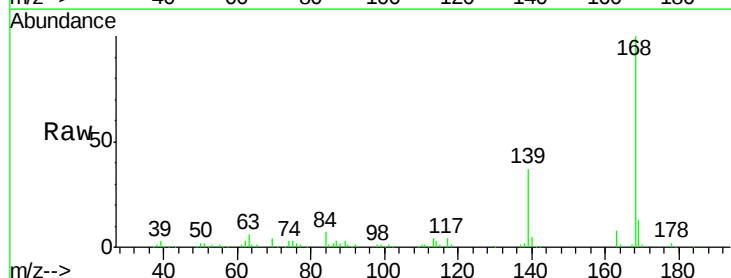
Manual Integrations
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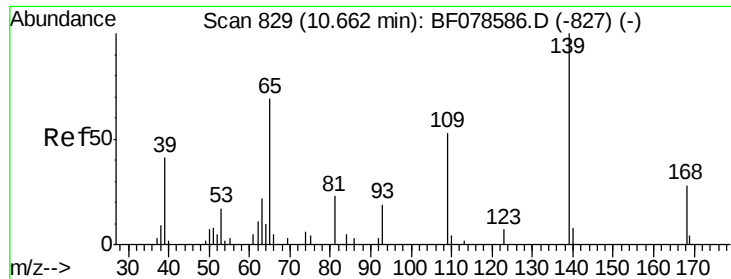
apatel
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#54
 Dibenzofuran
 Concen: 40.56 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.4
169	13.5	10.7	16.1





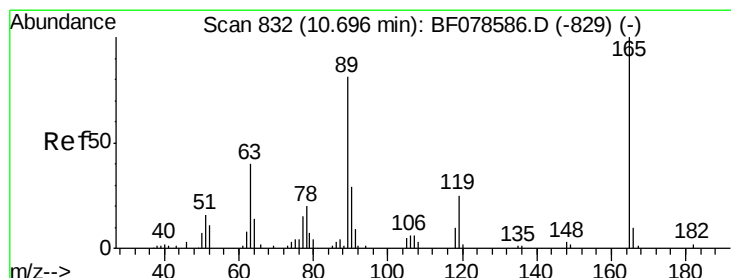
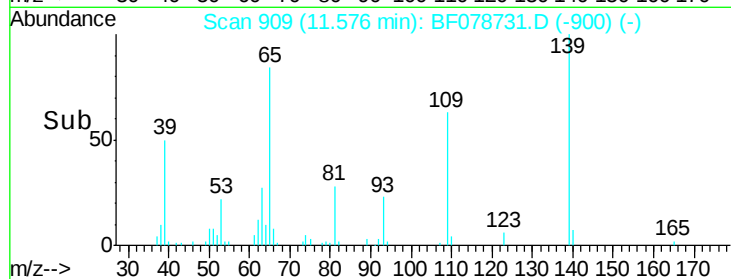
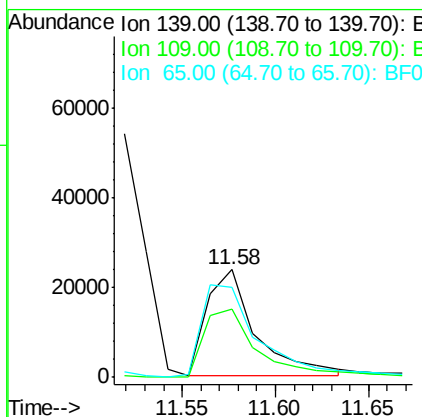
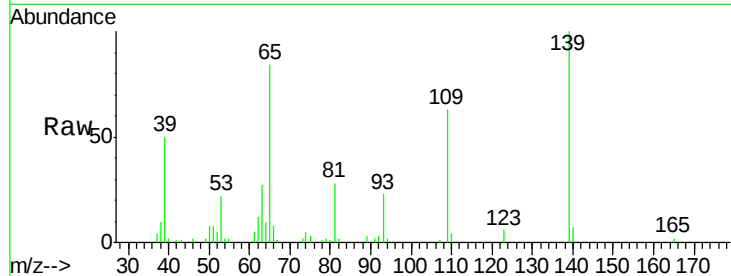
#55
4-Nitrophenol
Concen: 64.24 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	43463		
109	63.0	36.7	76.7	
65	83.9	49.9	89.9	

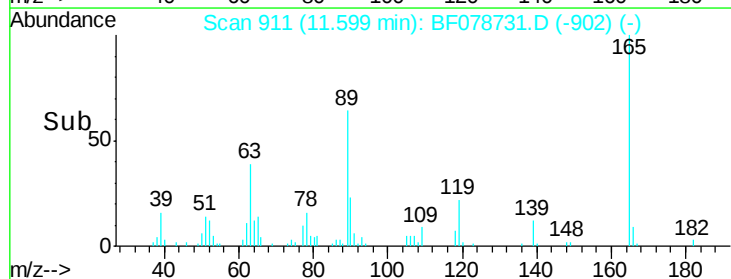
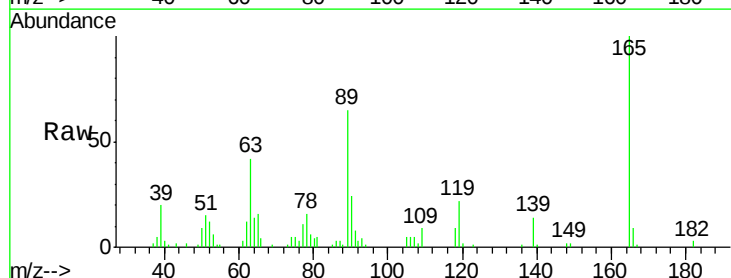
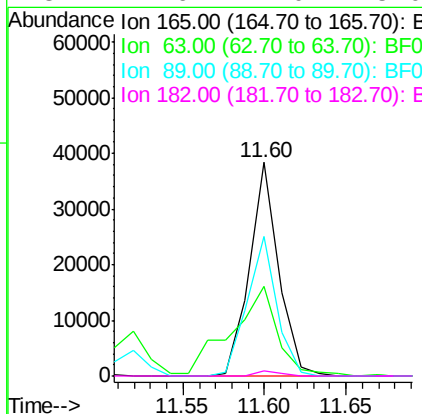
Manual Integrations
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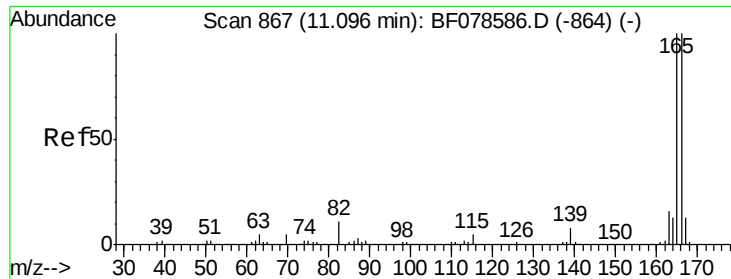
apatel
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#56
2,4-Dinitrotoluene
Concen: 44.98 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	47496		
63	42.2	26.5	39.7#	
89	65.1	46.4	69.6	
182	2.6	2.0	3.0	





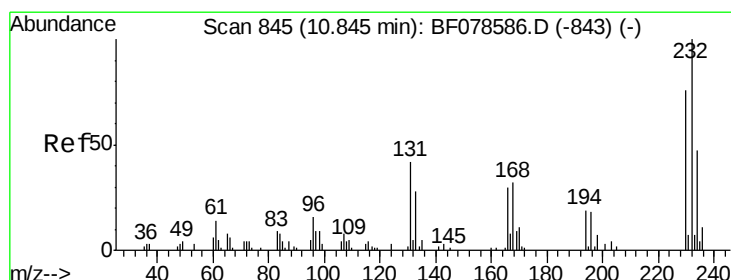
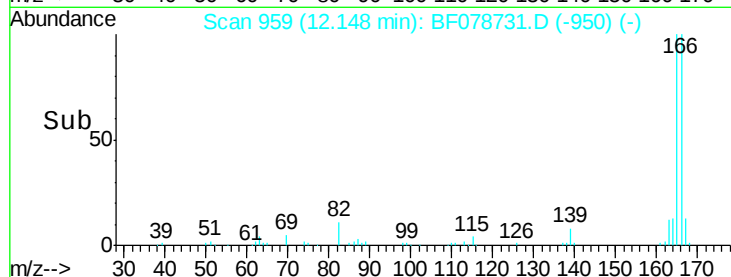
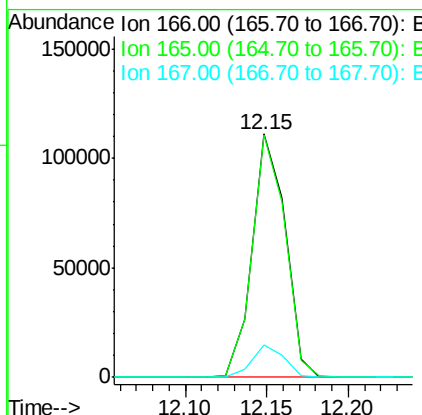
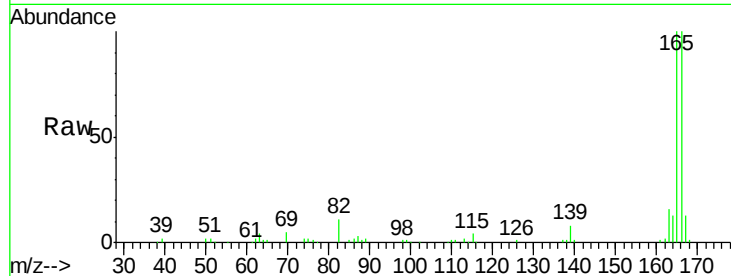
#57
Fluorene
 Concen: 41.04 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion:	166	Resp:	156813
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.9	118.3
167	13.1	10.7	16.1

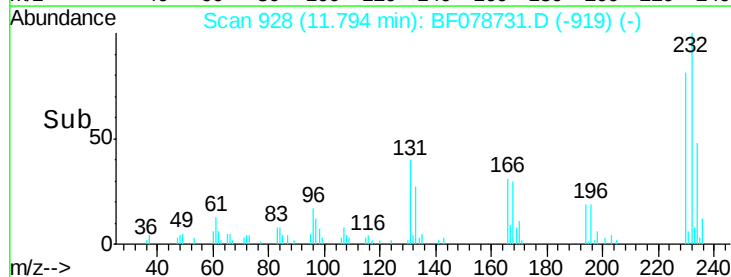
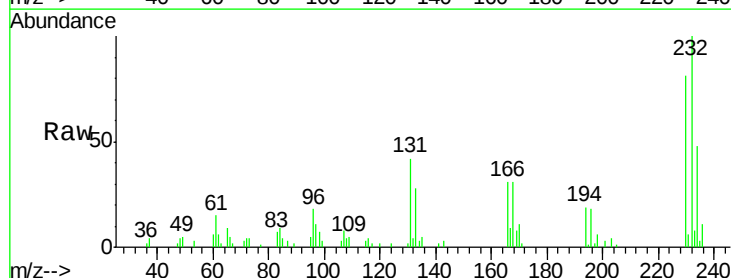
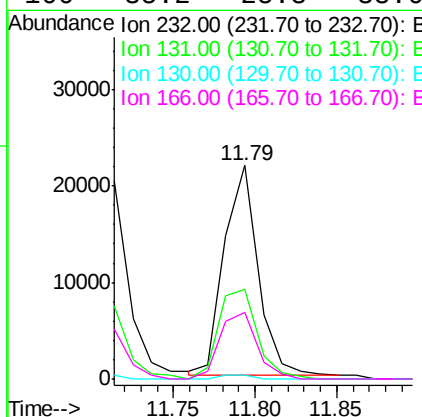
Manual Integrations
 APPROVED

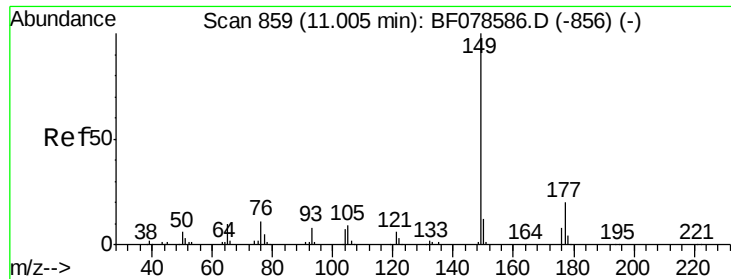
apatel
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.80 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:	232	Resp:	30970
Ion Ratio	Lower	Upper	
232	100		
131	49.6	37.8	56.8
130	1.9	1.5	2.3
166	35.2	25.8	38.6





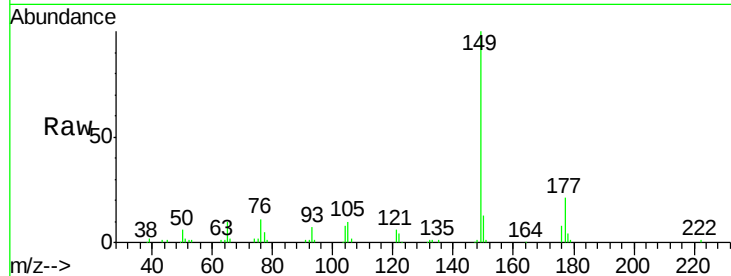
#59
Diethylphthalate
Concen: 40.63 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampled :
PB82930BS

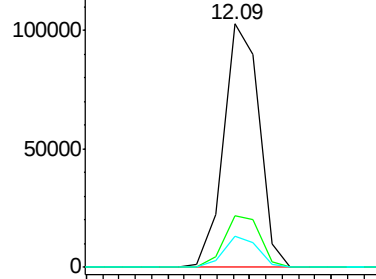
Tot Ion	Ratio	Resp	Lower	Upper
149	100	155231		
177	21.1		17.4	26.2
150	12.9		9.4	14.2

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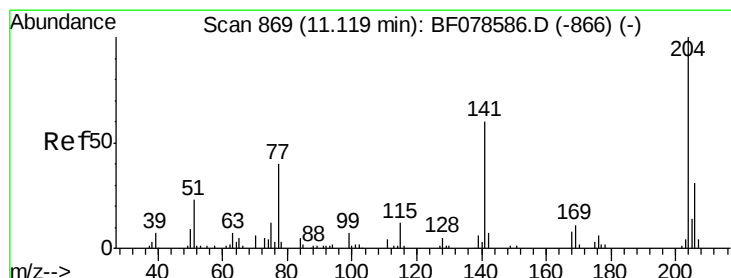
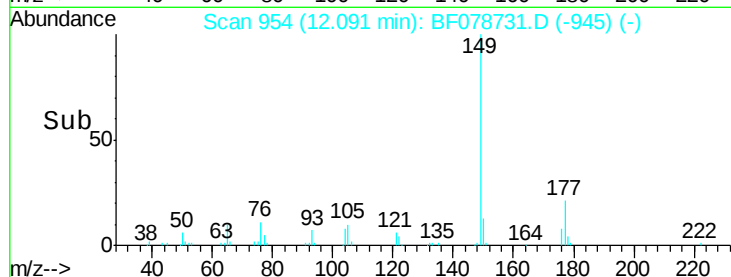
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

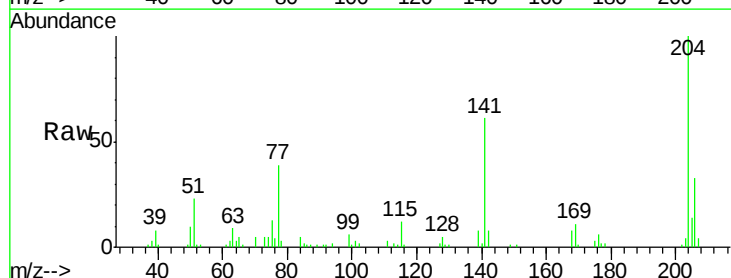


Time--> 12.00 12.05 12.10 12.15

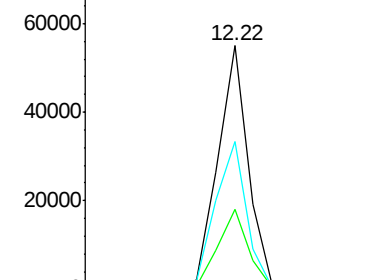


#60
4-Chlorophenyl-phenylether
Concen: 40.54 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

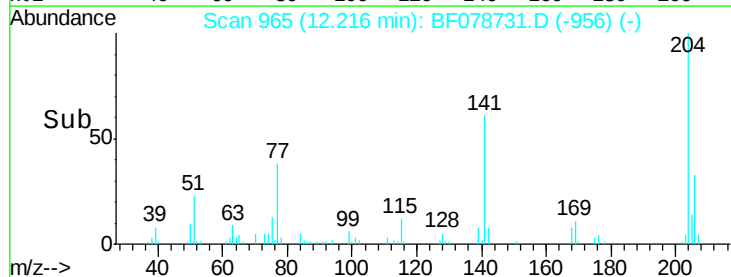
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	71247		
206	32.7		25.6	38.4
141	60.7		35.4	53.0#

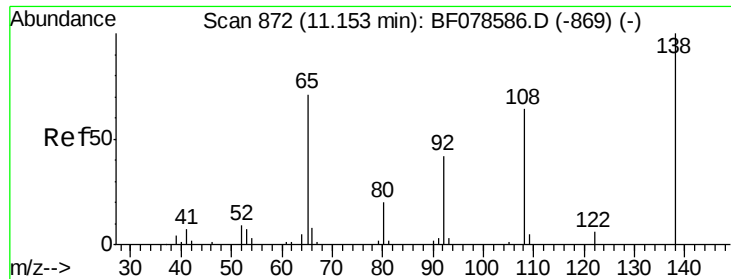


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 12.15 12.20 12.25





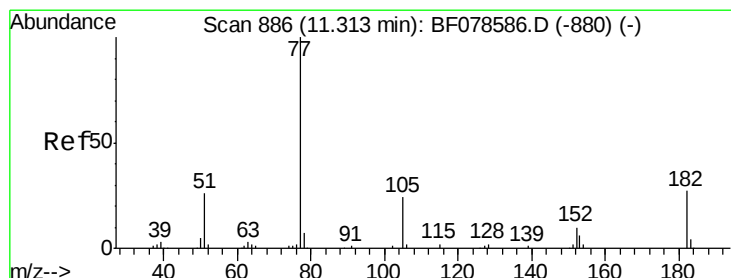
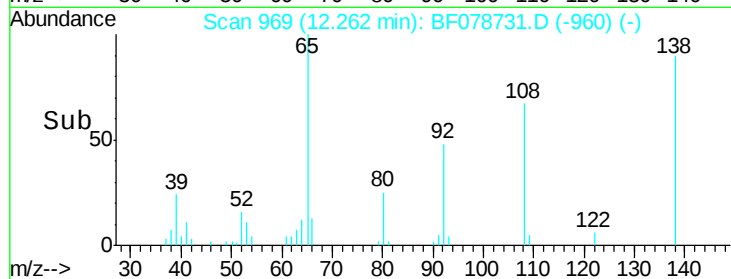
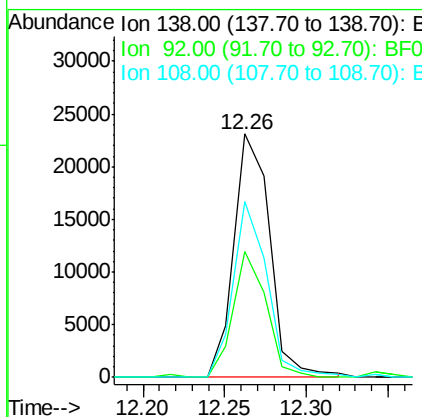
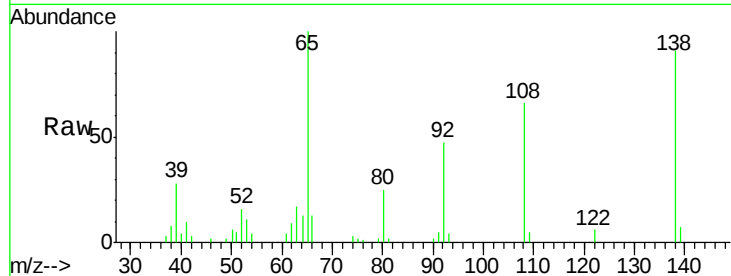
#61
 4-Nitroaniline
 Concen: 37.52 ng
 RT: 12.26 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion:	138	Resp:	35156
Ion Ratio	Lower	Upper	
138	100		
92	51.7	27.3	67.3
108	72.1	47.2	87.2

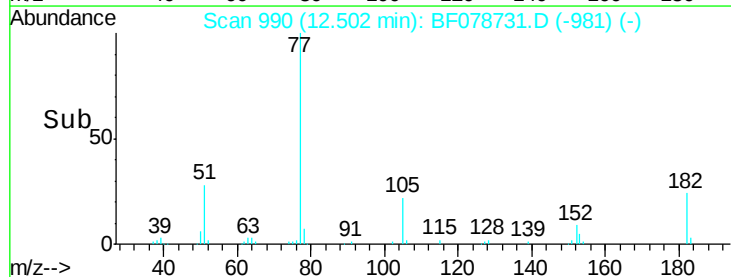
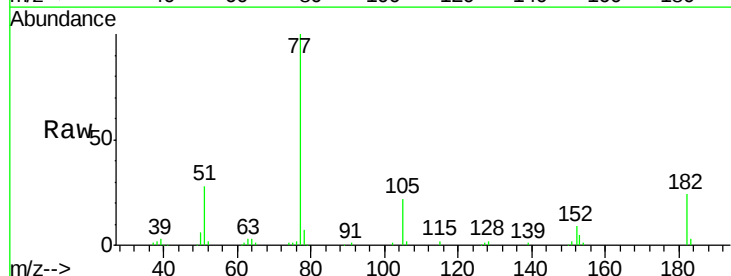
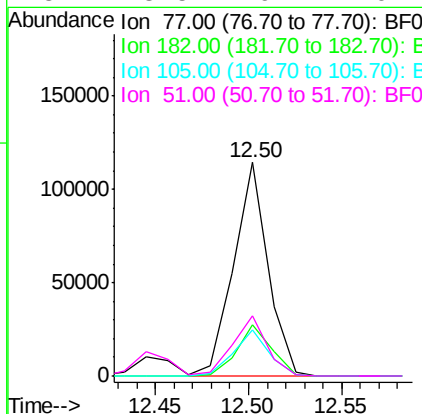
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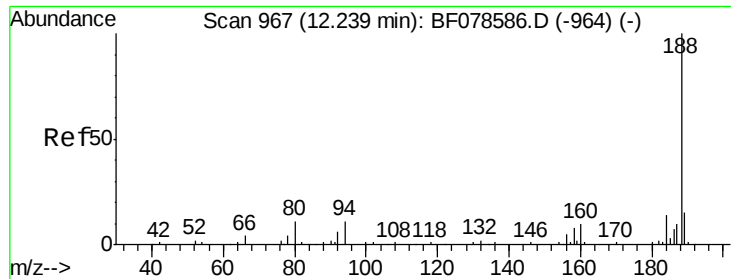
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#62
 Azobenzene
 Concen: 42.09 ng
 RT: 12.50 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:	77	Resp:	146757
Ion Ratio	Lower	Upper	
77	100		
182	23.7	0.0	36.8
105	21.8	0.3	40.3
51	28.5	9.1	49.1





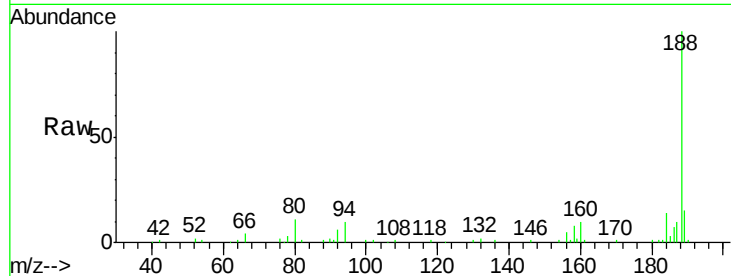
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampled :
 PB82930BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	9.0	13.4
80	11.2	9.5	14.3

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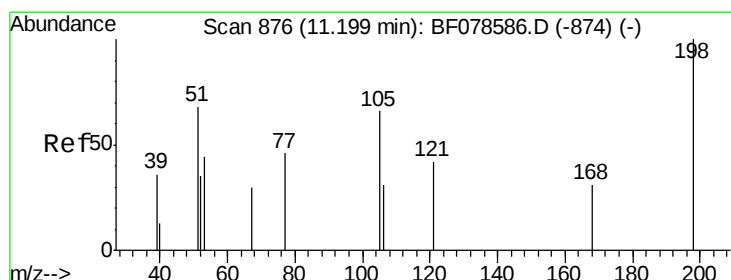
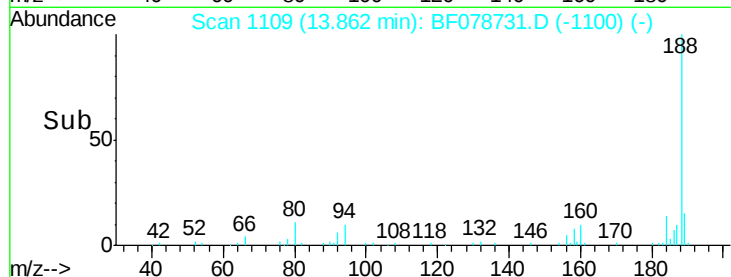
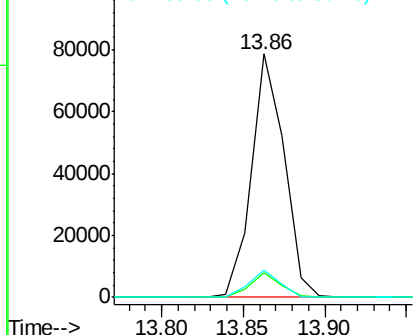
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



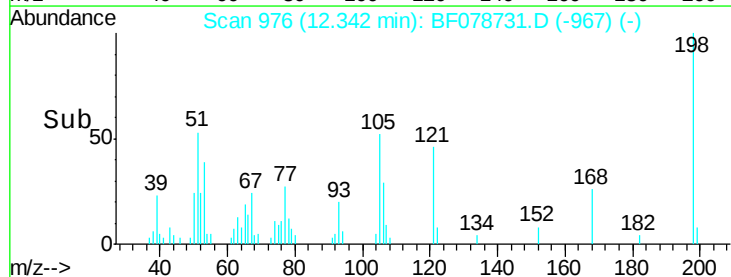
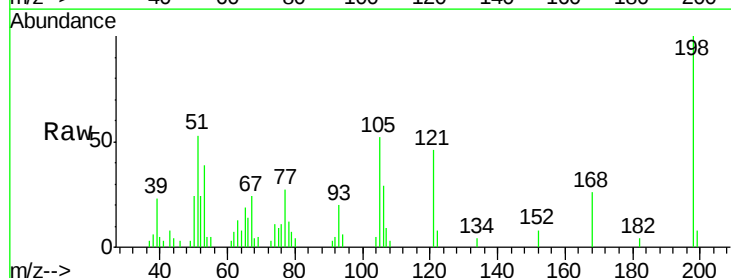
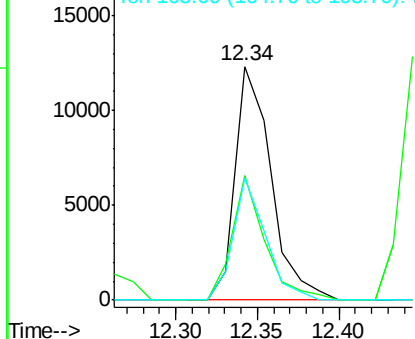
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.99 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

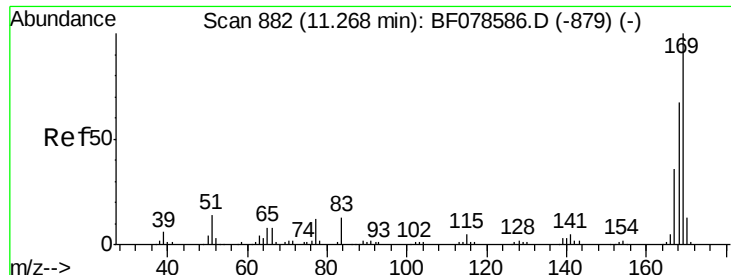
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.3	48.6	88.6
105	52.2	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





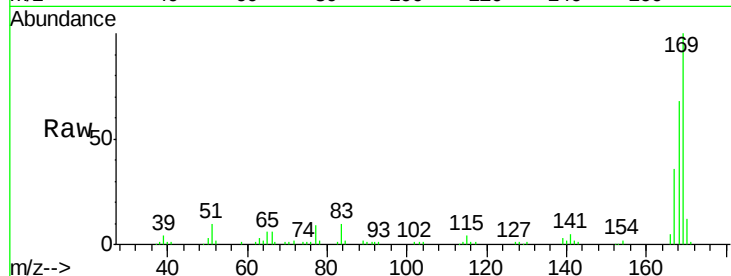
#65
 n-Nitrosodiphenylamine
 Concen: 35.79 ng
 RT: 12.46 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

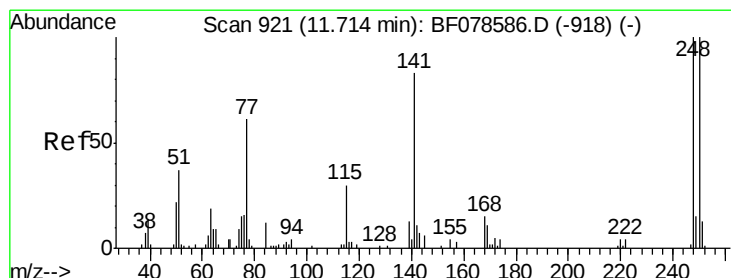
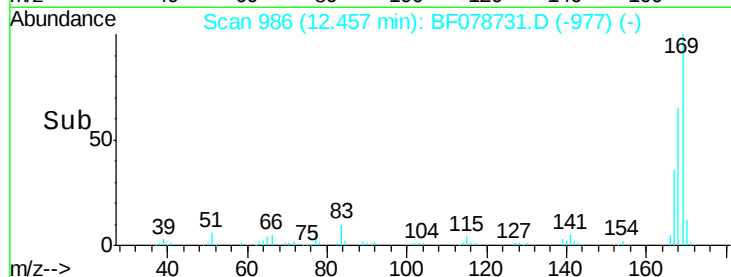
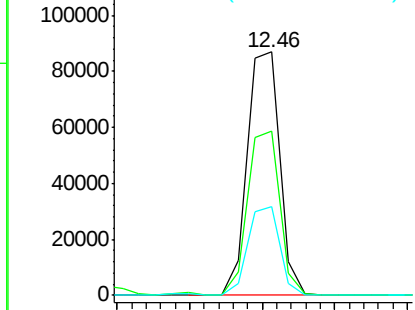
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.7	55.0	82.4	
167	36.4	29.3	43.9	

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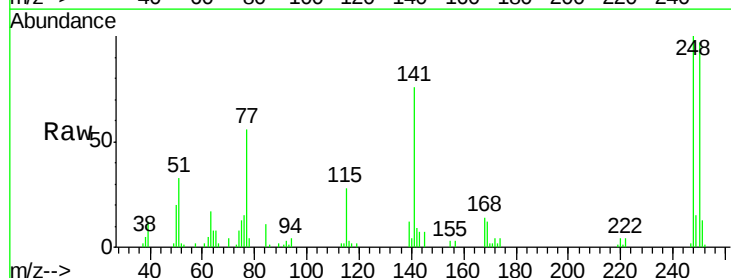


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

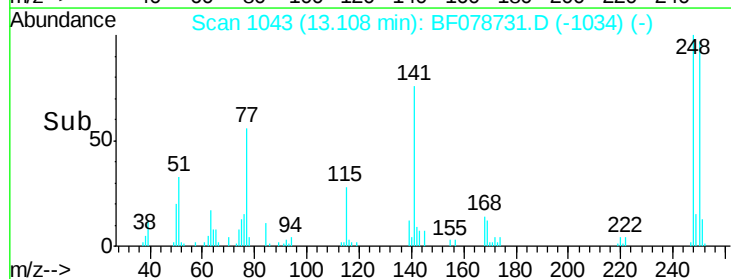
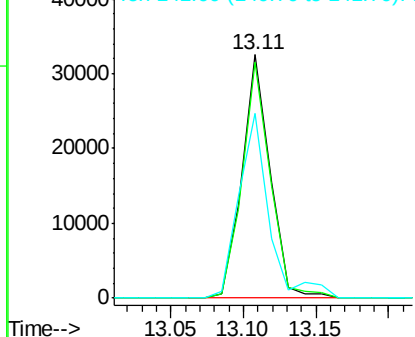


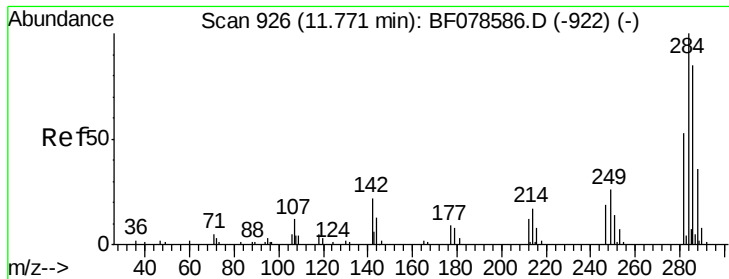
#66
 4-Bromophenyl-phenylether
 Concen: 37.74 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.7	78.2	117.2	
141	75.8	66.4	99.6	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.09 ng

RT: 13.15 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF078731.D

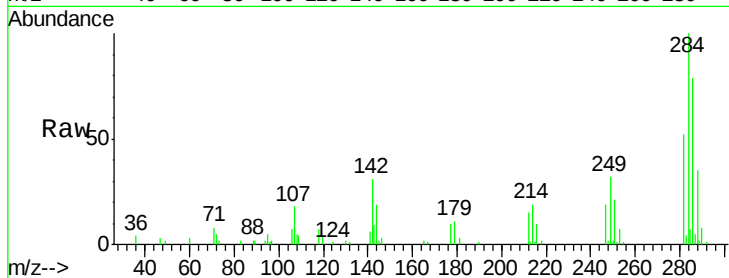
Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

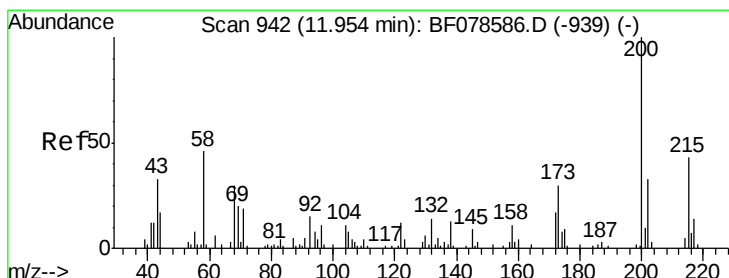
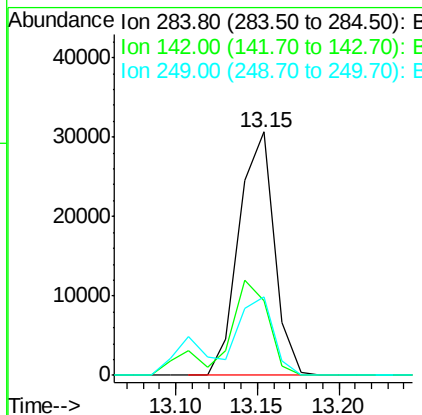
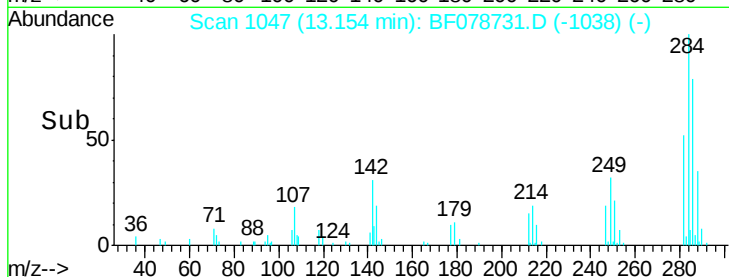
PB82930BS



Tot Ion:	284	Resp:	45722
Ion Ratio	Lower	Upper	
284	100		
142	30.7	24.5	36.7
249	32.4	24.8	37.2

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#68

Atrazine

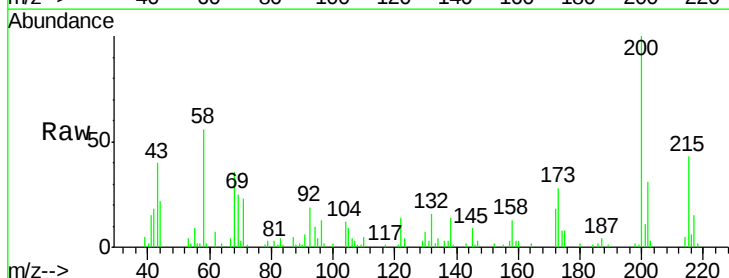
Concen: 47.85 ng

RT: 13.52 min Scan# 1079

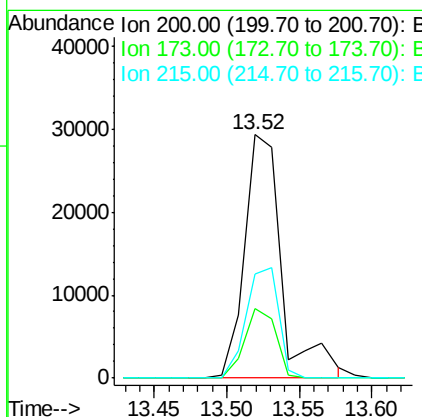
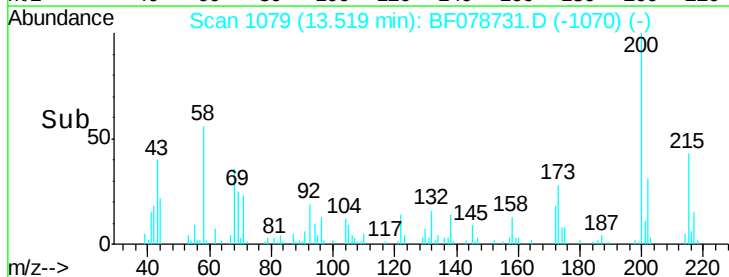
Delta R.T. -0.00 min

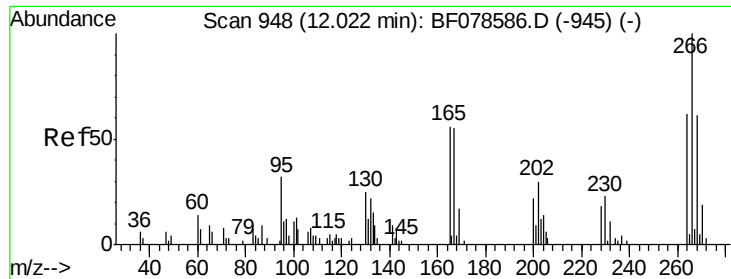
Lab File: BF078731.D

Acq: 22 Apr 2015 23:11



Tgt Ion:	200	Resp:	52338
Ion Ratio	Lower	Upper	
200	100		
173	28.3	6.9	46.9
215	42.9	27.1	67.1





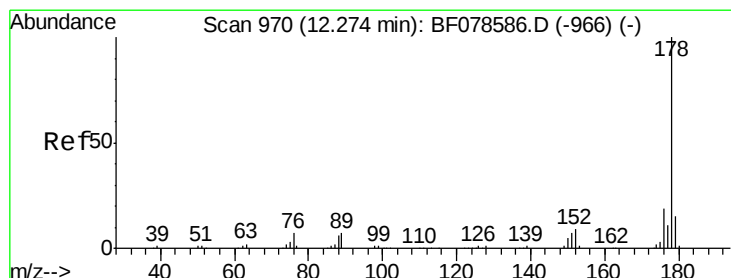
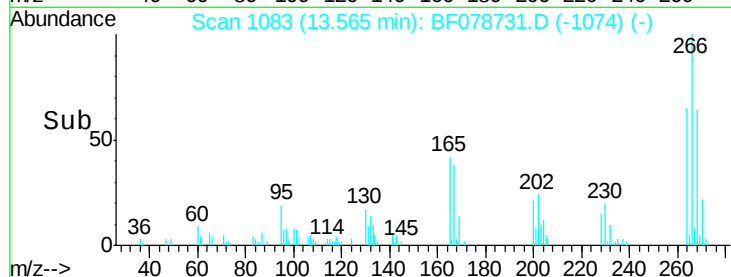
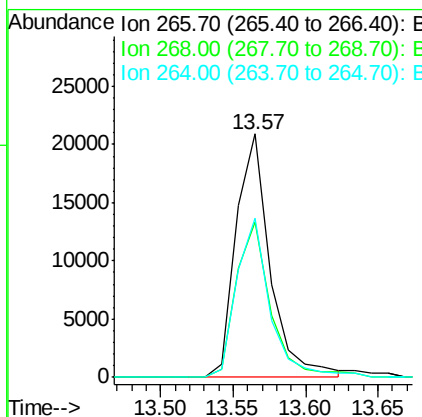
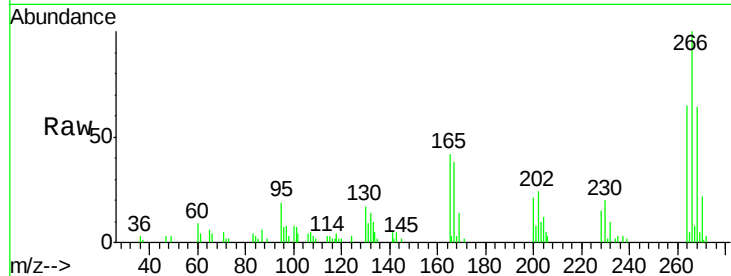
#69
 Pentachlorophenol
 Concen: 62.80 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.1	75.1
264	65.2	50.0	75.0

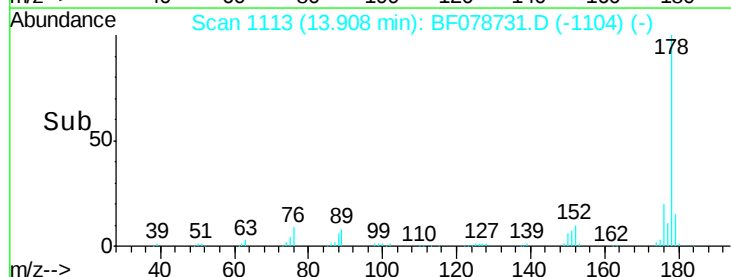
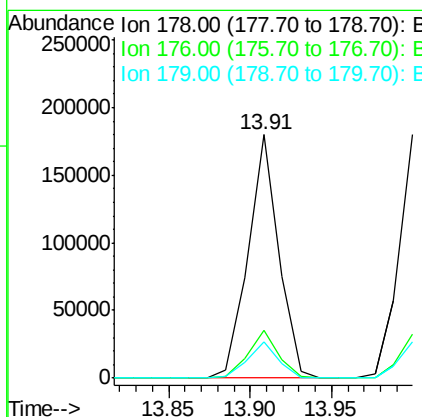
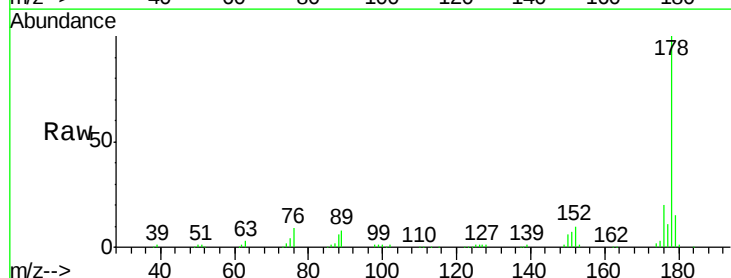
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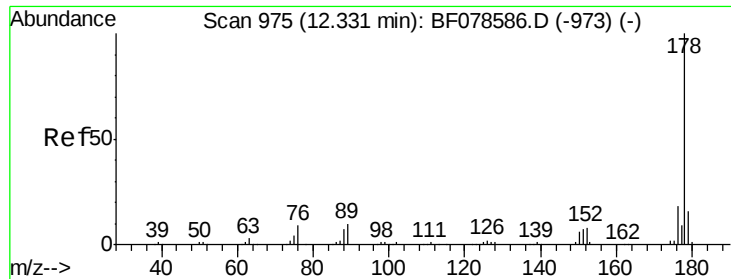
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#70
 Phenanthrene
 Concen: 36.96 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.1	12.2	18.2





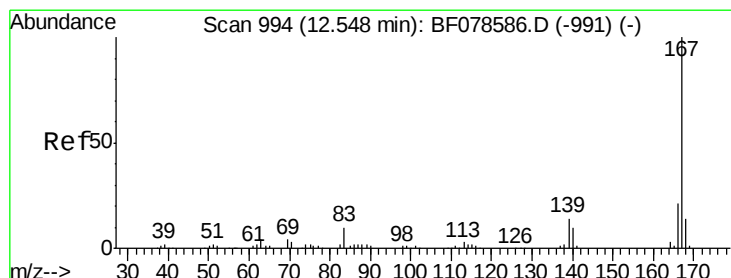
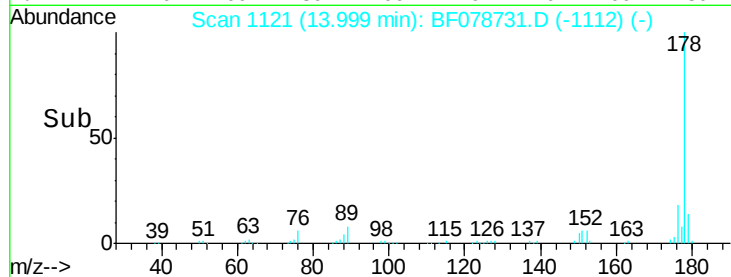
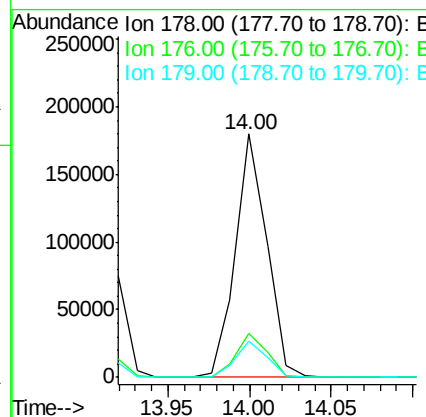
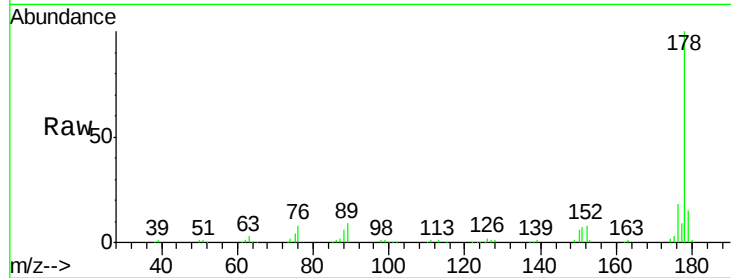
#71
 Anthracene
 Concen: 38.17 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	14.9	12.4	18.6

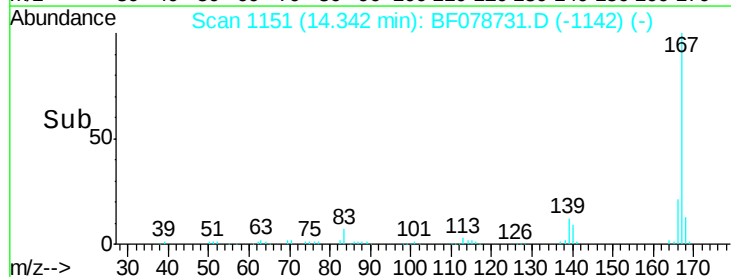
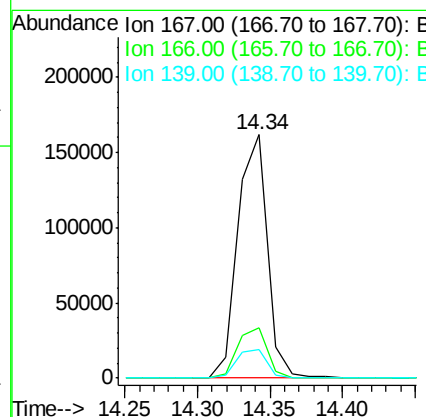
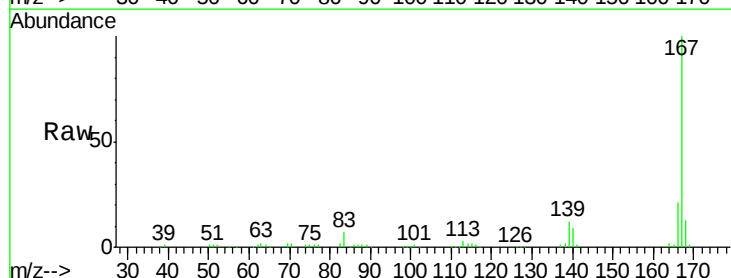
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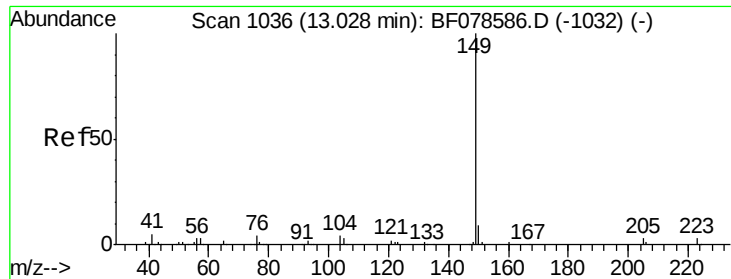
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#72
 Carbazole
 Concen: 39.30 ng
 RT: 14.34 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.8	25.2
139	12.0	10.0	15.0





#73

Di-n-butylphthalate

Concen: 40.82 ng

RT: 15.03 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

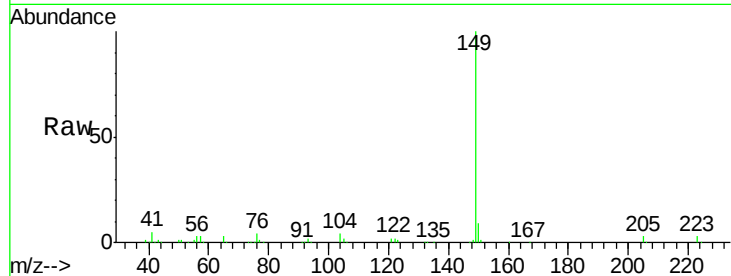
ClientSampleId :

PB82930BS

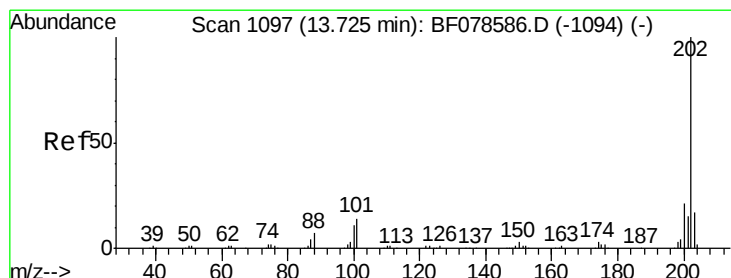
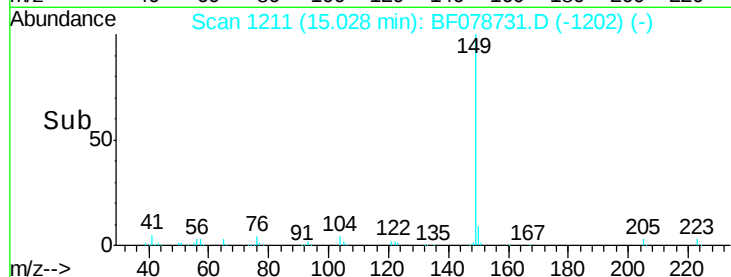
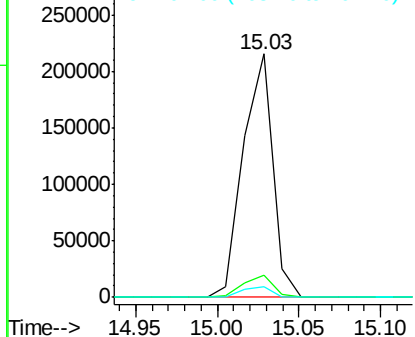
Tot Ion:	149	Resp:	269718
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.2	3.8	5.6

Manual Integrations
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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: 39.71 ng

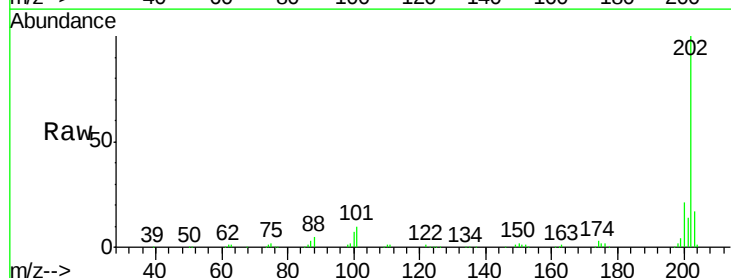
RT: 15.81 min Scan# 1279

Delta R.T. 0.00 min

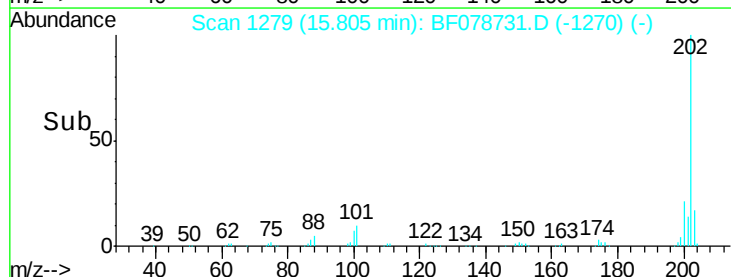
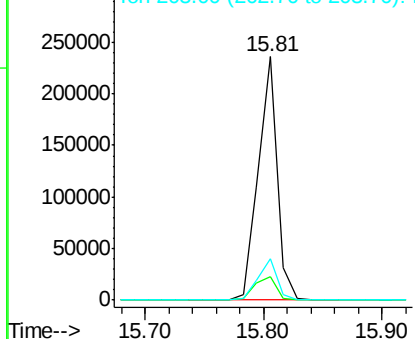
Lab File: BF078731.D

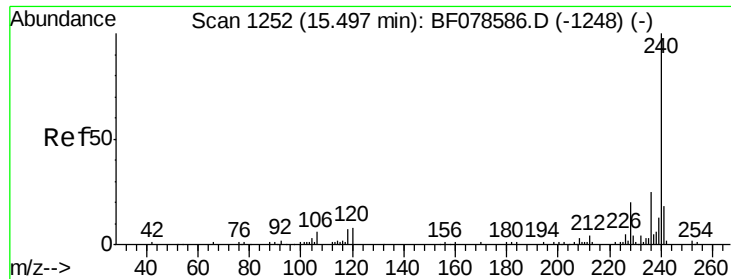
Acq: 22 Apr 2015 23:11

Tgt Ion:	202	Resp:	264456
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	35.2
203	17.2	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: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

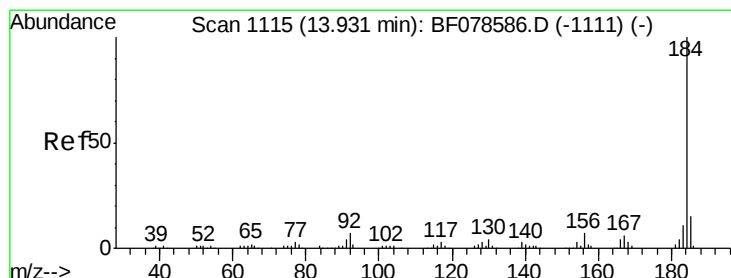
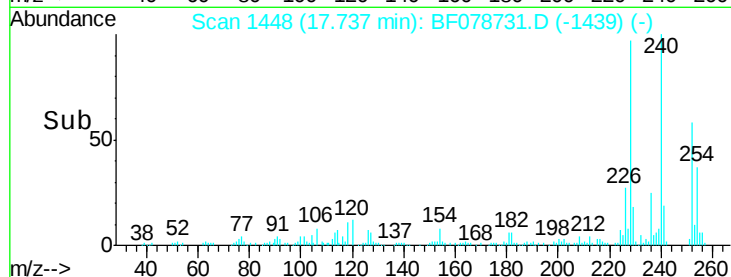
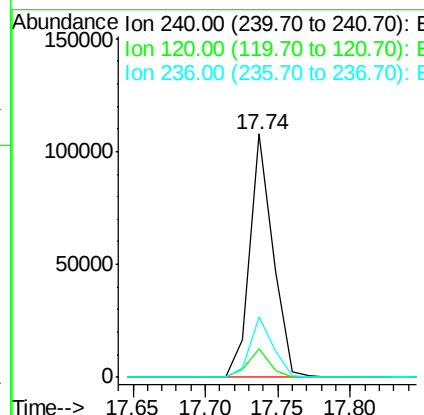
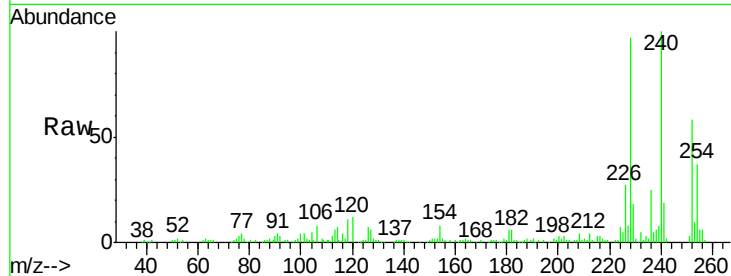
ClientSampleId :

PB82930BS

Tot Ion:	240	Resp:	119996
Ion Ratio	Lower	Upper	
240	100		
120	11.8	7.1	10.7#
236	24.9	21.4	32.2

Manual Integrations
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#76

Benzidine

Concen: 23.24 ng

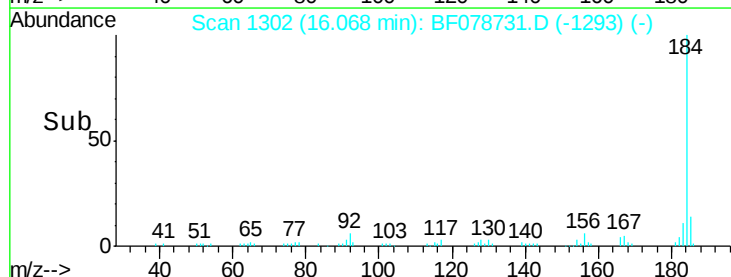
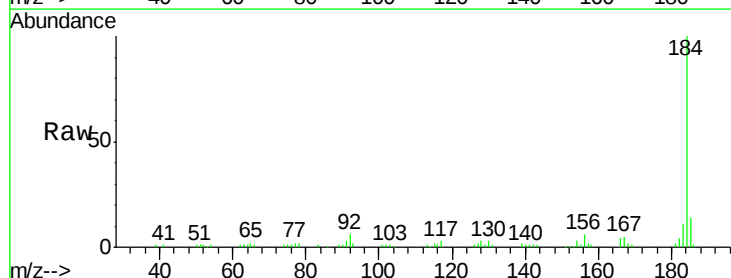
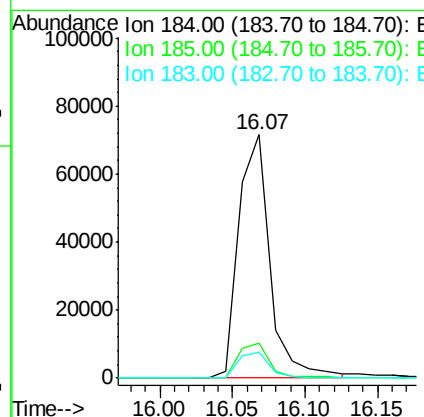
RT: 16.07 min Scan# 1302

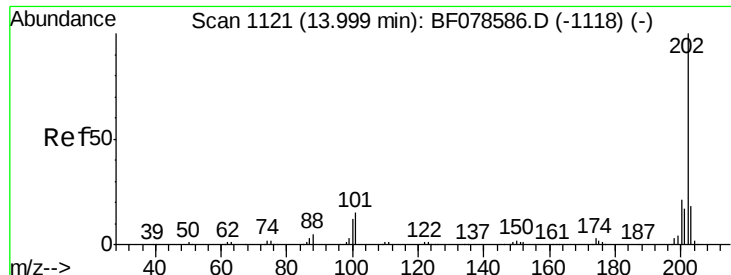
Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	184	Resp:	107361
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	10.8	9.5	14.3





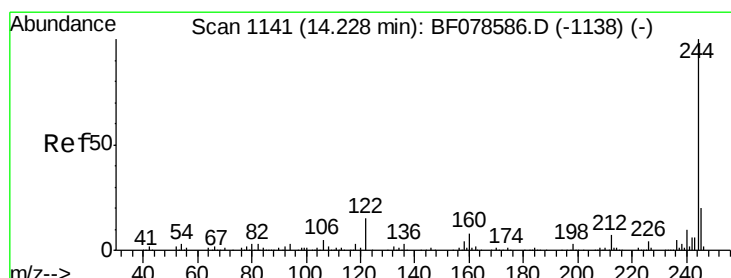
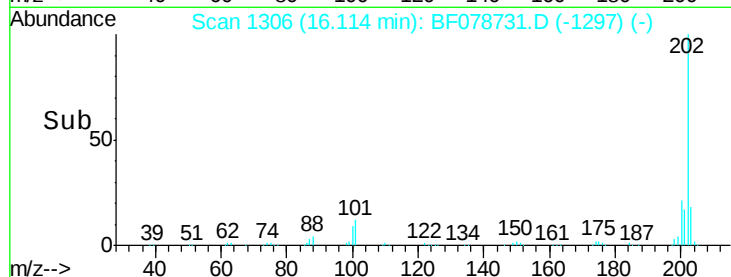
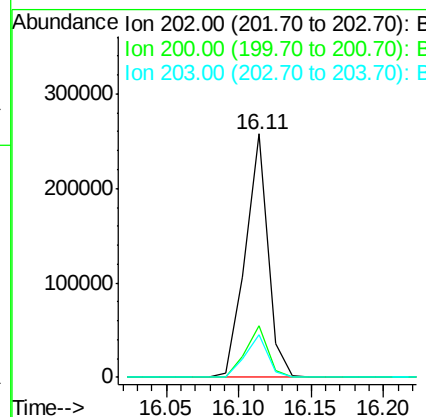
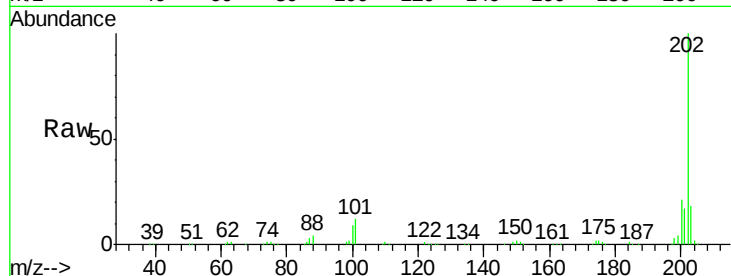
#77
Pvrene
Concen: 37.10 ng
RT: 16.11 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	279464		
200	21.0		16.3	24.5
203	17.8		13.8	20.6

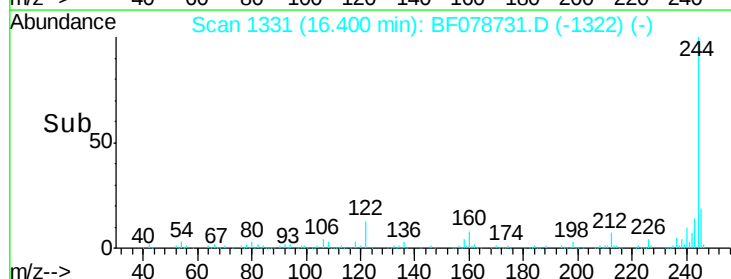
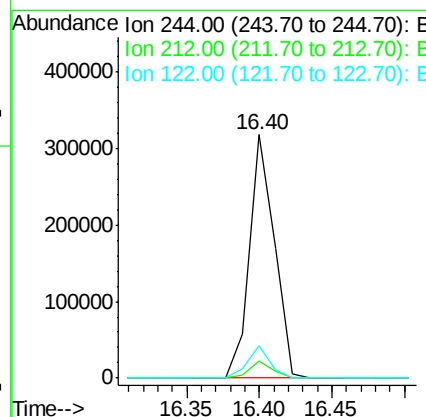
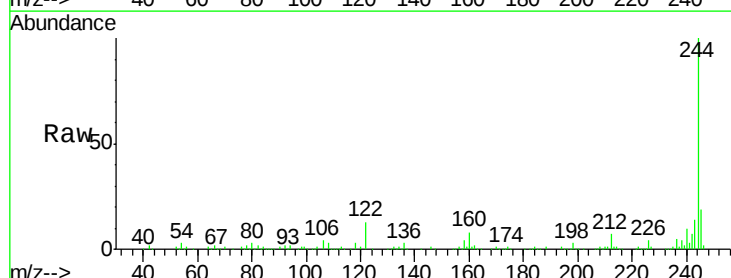
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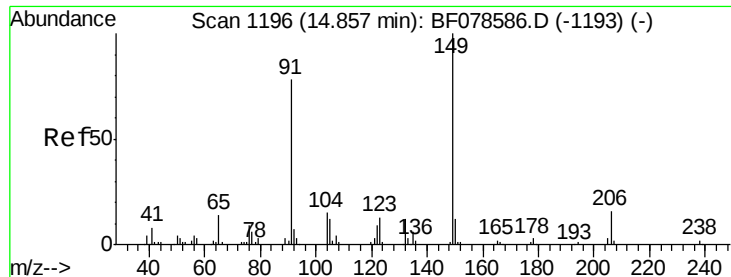
apatel
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#78
Terphenyl-d14
Concen: 71.42 ng
RT: 16.40 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	379276		
212	6.8		5.0	7.4
122	13.5		7.1	10.7#





#79

Butylbenzylphthalate

Concen: 43.09 ng

RT: 17.11 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

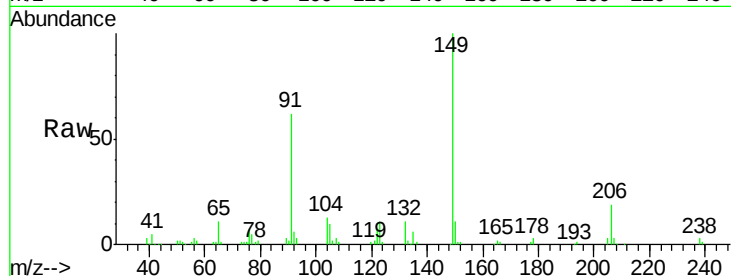
ClientSampled :

PB82930BS

Tot Ion:	149	Resp:	123718
Ion Ratio	Lower	Upper	
149	100		
91	62.1	64.2	96.2#
206	19.3	12.6	18.8#

Manual Integrations
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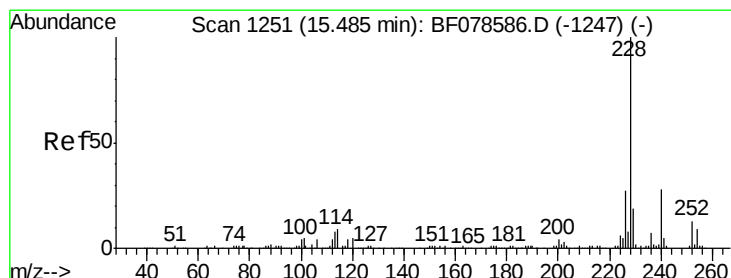
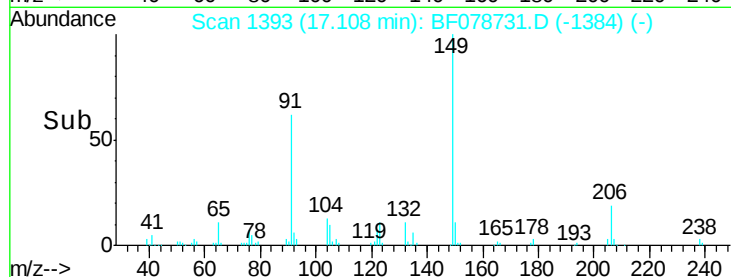
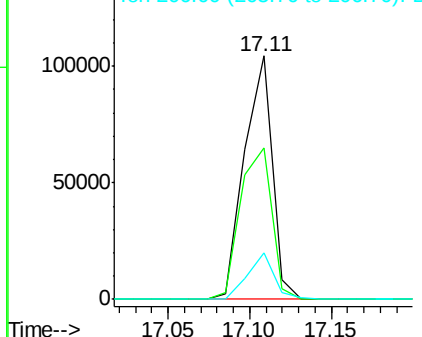
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.28 ng

RT: 17.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF078731.D

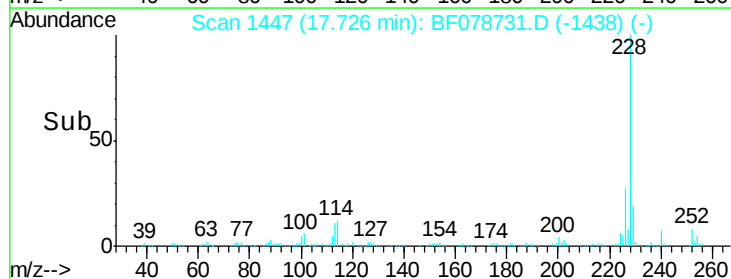
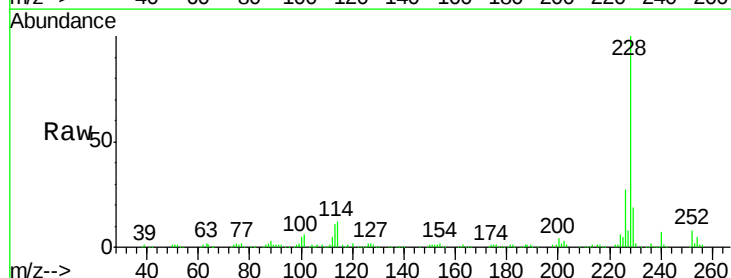
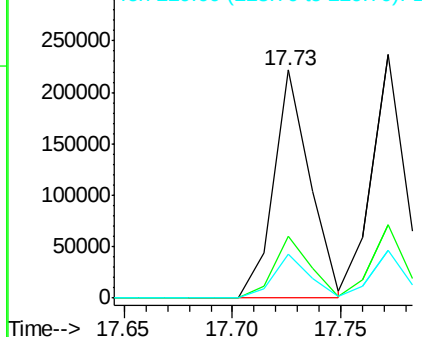
Acq: 22 Apr 2015 23:11

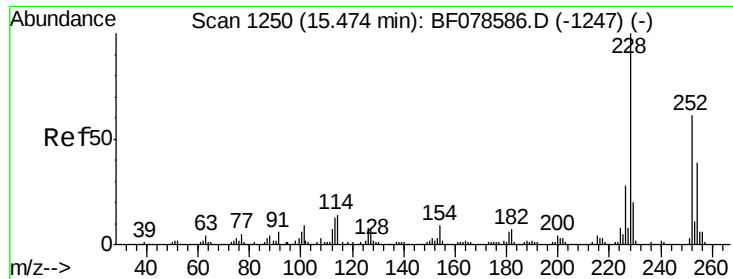
Tgt Ion:	228	Resp:	259018
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.3	31.9
229	19.2	15.4	23.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





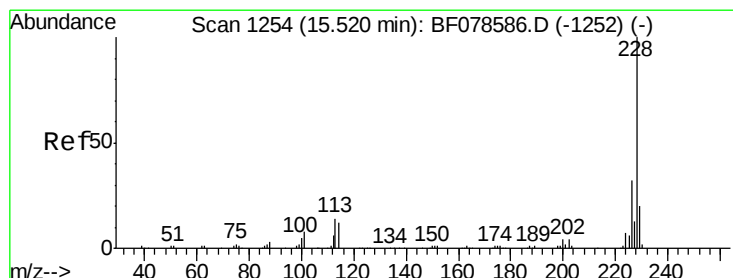
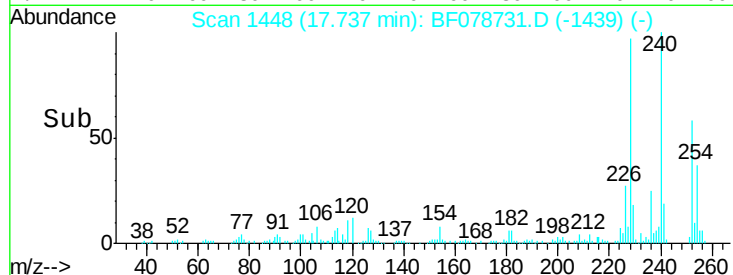
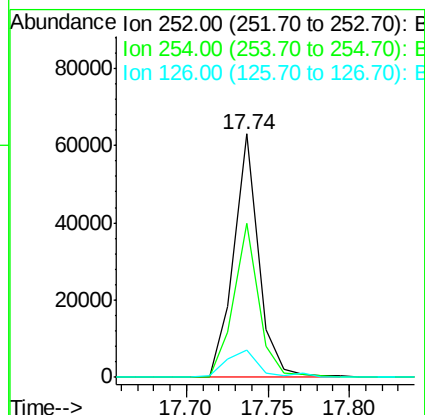
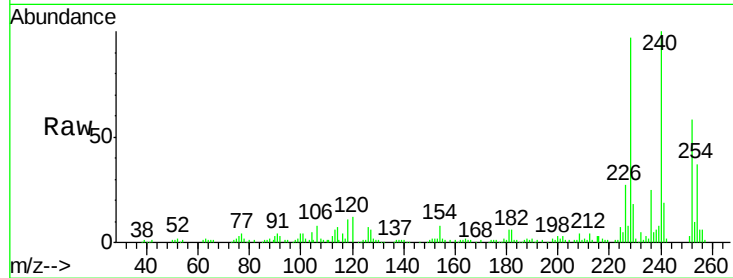
#81
 3,3'-Dichlorobenzidine
 Concen: 27.93 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.2	76.8
126	11.3	6.3	9.5

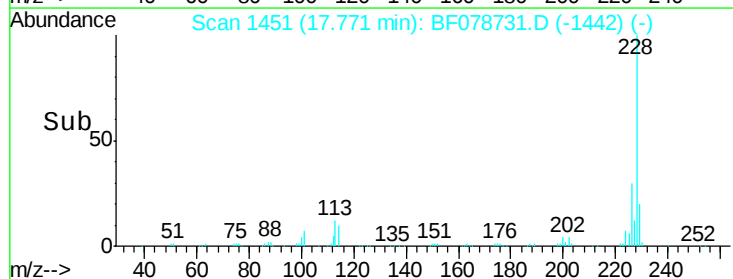
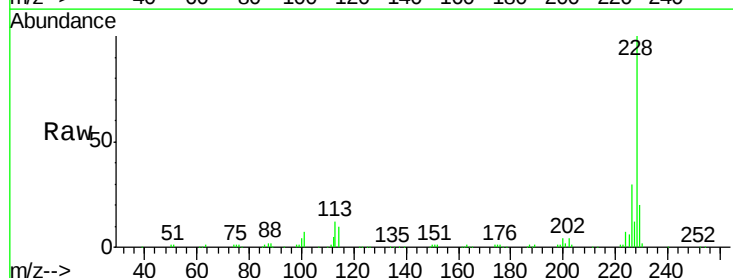
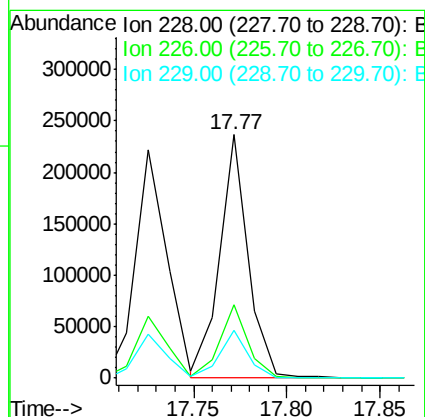
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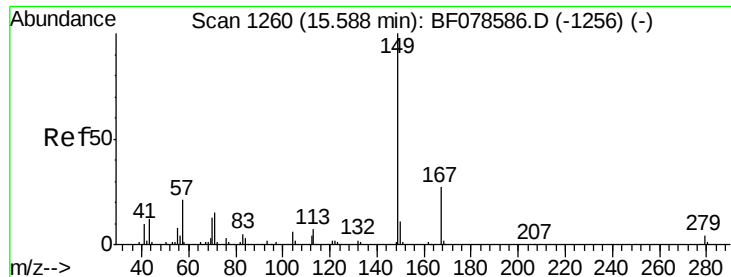
apatel
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#82
 Chrysene
 Concen: 37.32 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.22 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

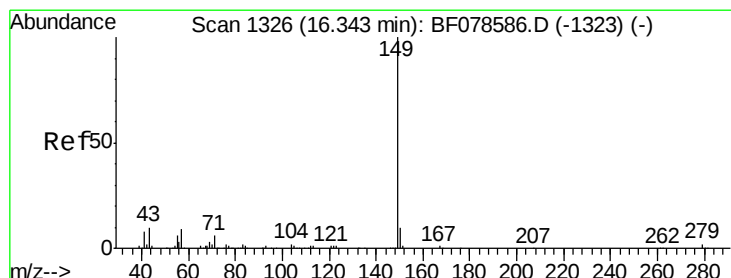
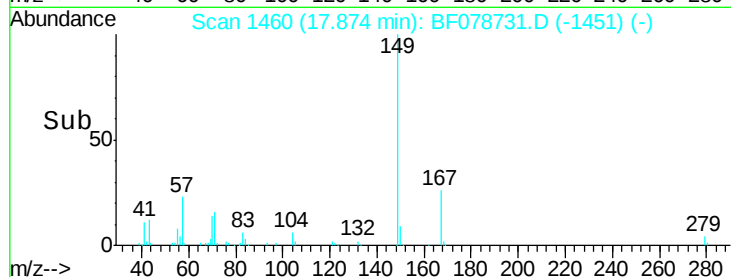
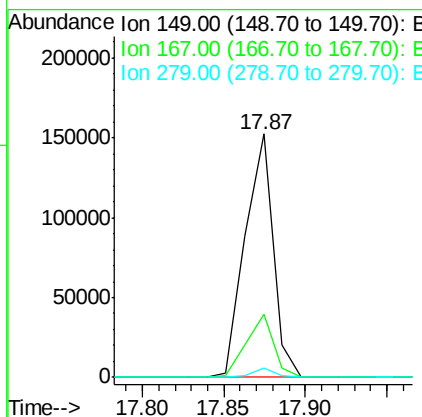
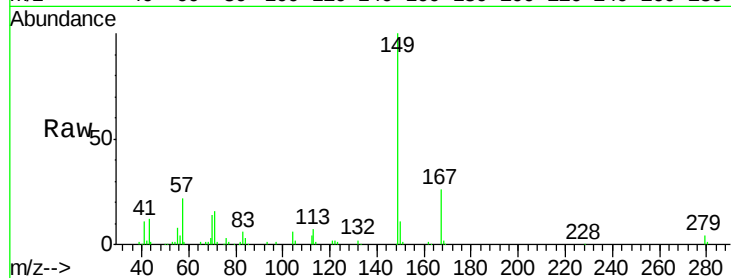
ClientSampleId :

PB82930BS

Tot Ion:	149	Resp:	181109
Ion Ratio	Lower	Upper	
149	100		
167	26.1	22.2	33.2
279	3.7	3.2	4.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.42 ng

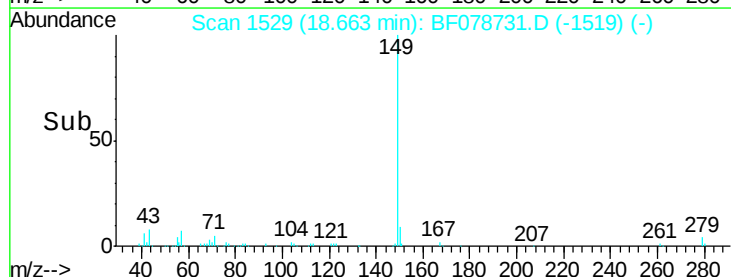
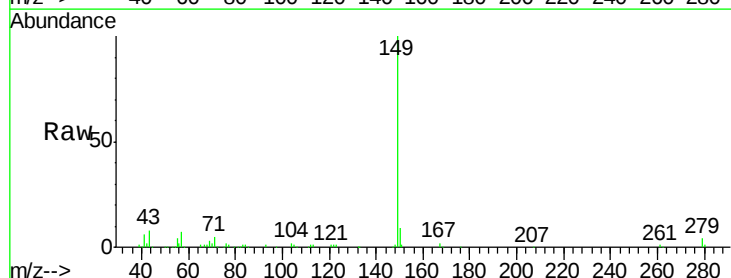
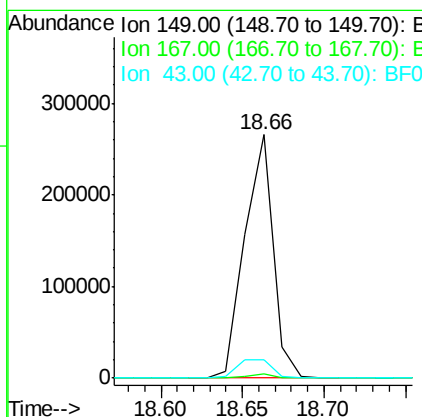
RT: 18.66 min Scan# 1529

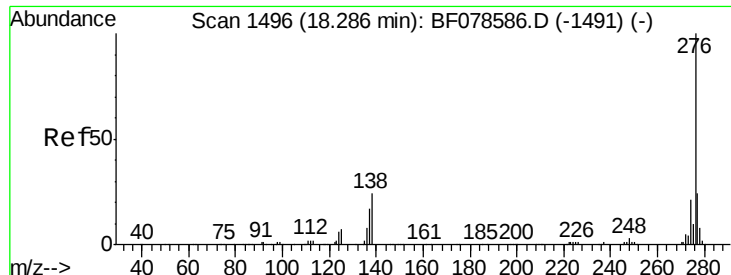
Delta R.T. 0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	149	Resp:	321029
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#





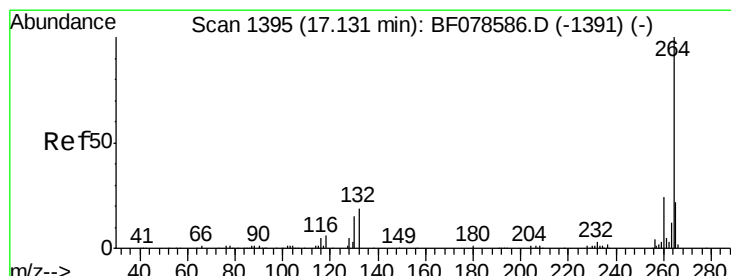
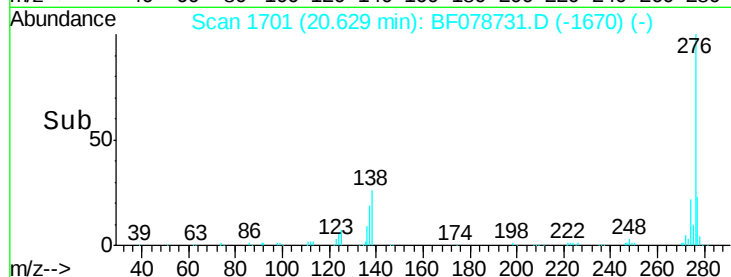
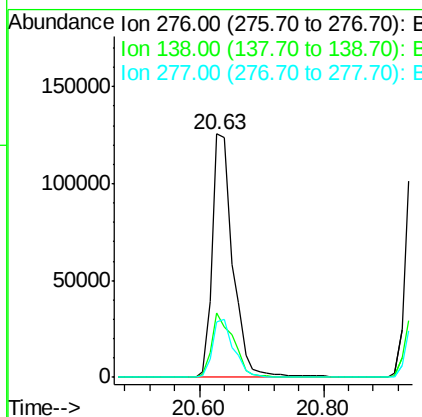
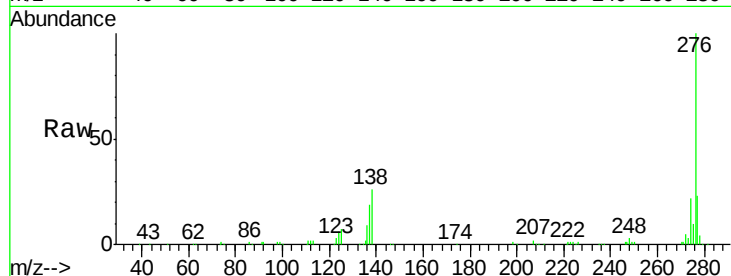
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.72 ng
 RT: 20.63 min Scan# 1701
 Delta R.T. 0.06 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	287136		
138	28.0	16.9	25.3#	
277	24.6	15.8	23.6#	

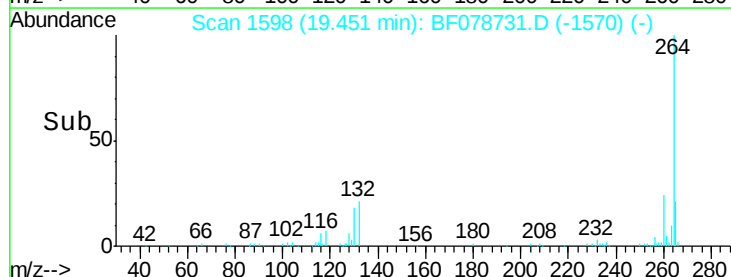
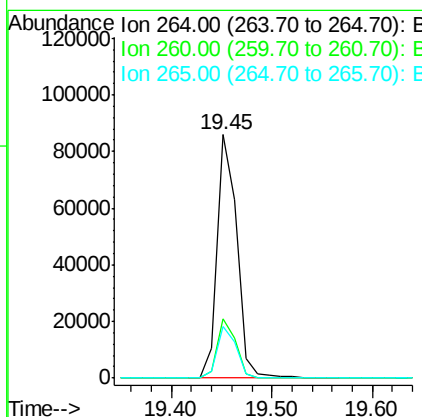
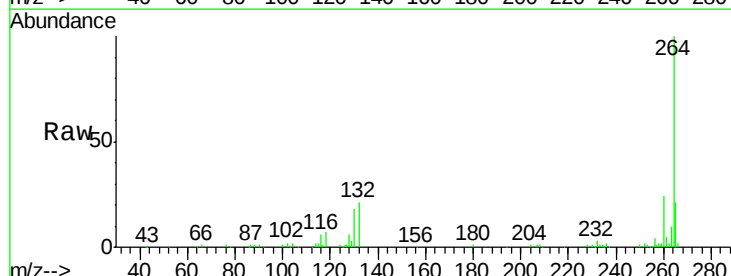
Manual Integrations
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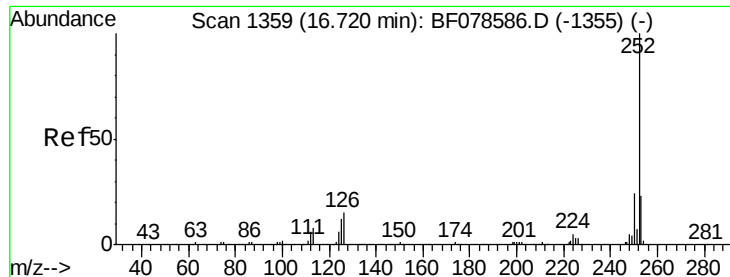
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. 0.02 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	116907		
260	24.2	18.6	27.8	
265	21.3	17.0	25.6	





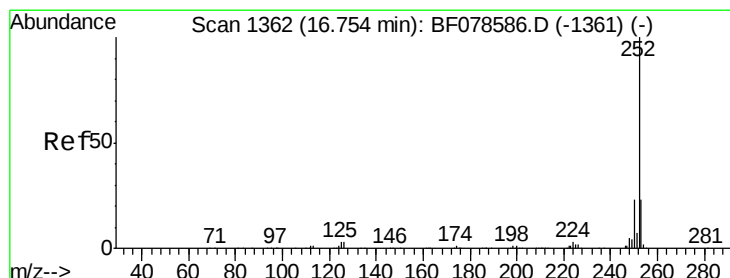
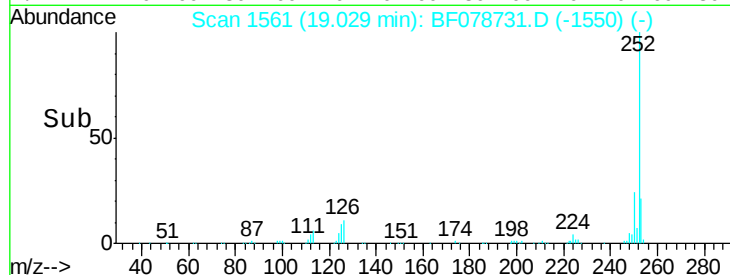
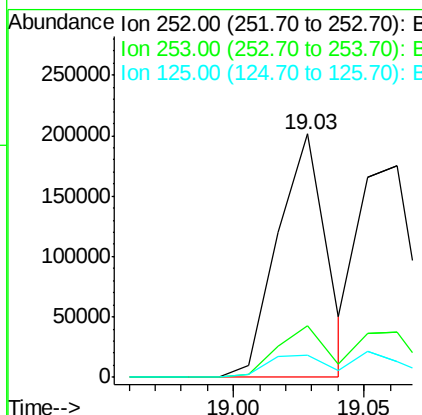
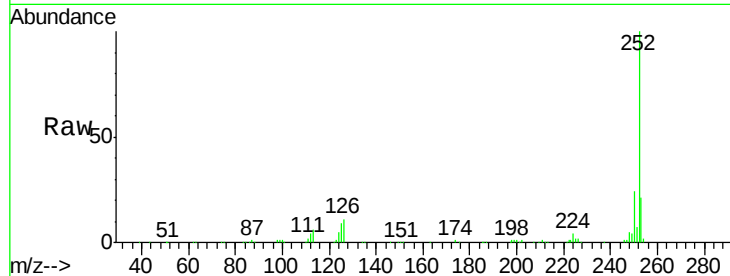
#87
Benzo(b)fluoranthene
Concen: 36.24 ng
RT: 19.03 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	9.1	7.0	10.4

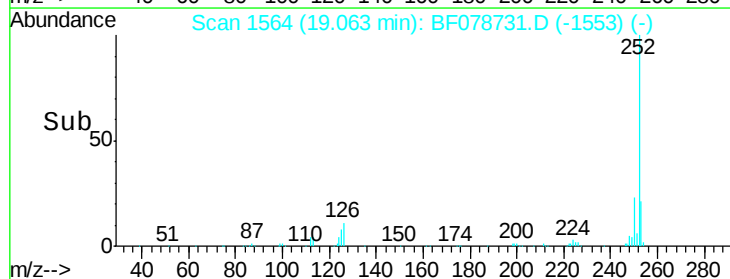
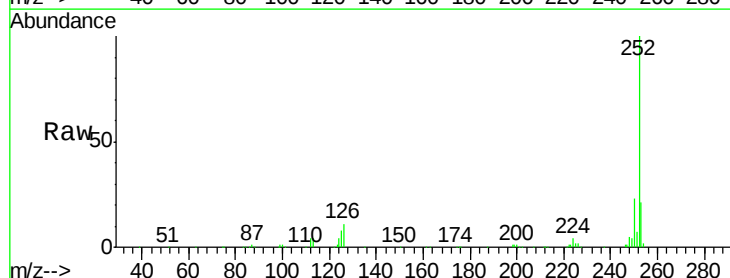
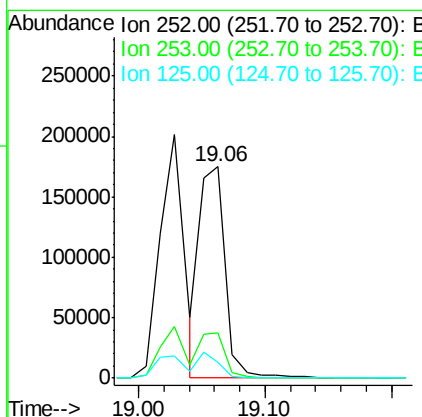
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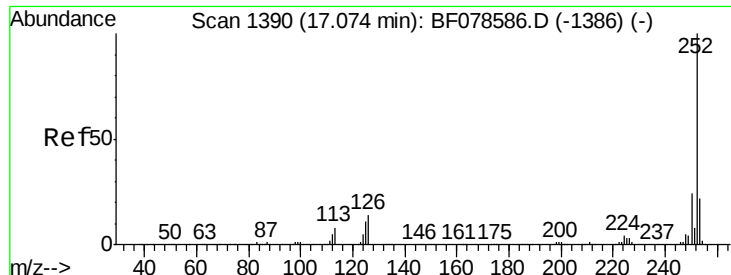
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#88
Benzo(k)fluoranthene
Concen: 39.83 ng m
RT: 19.06 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	7.5	11.6	17.4#





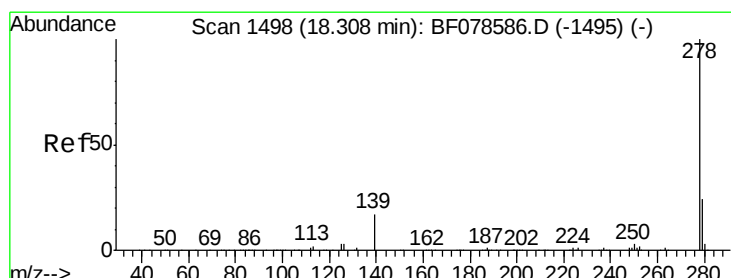
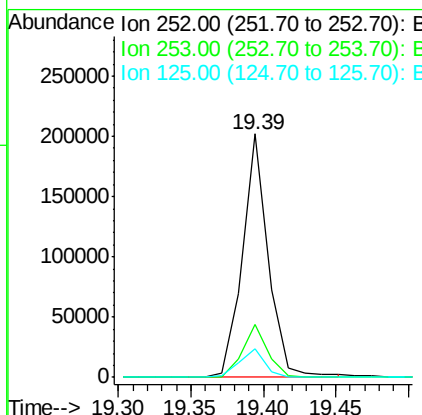
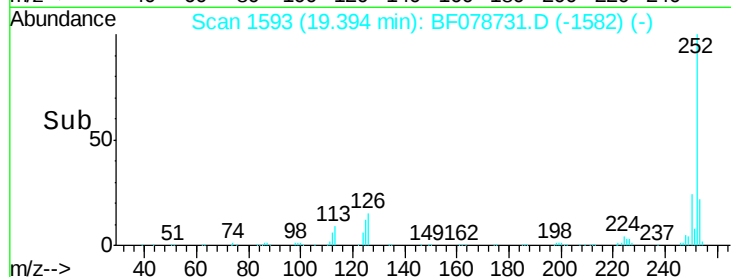
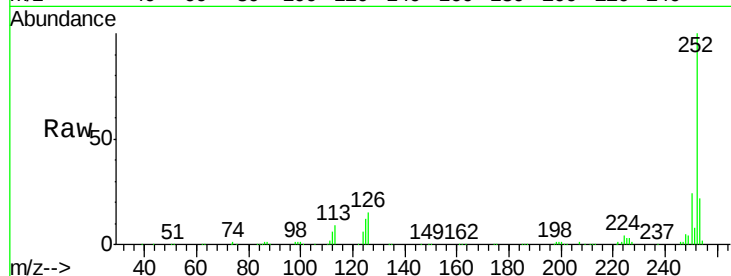
#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 19.39 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	11.9	7.4	11.0

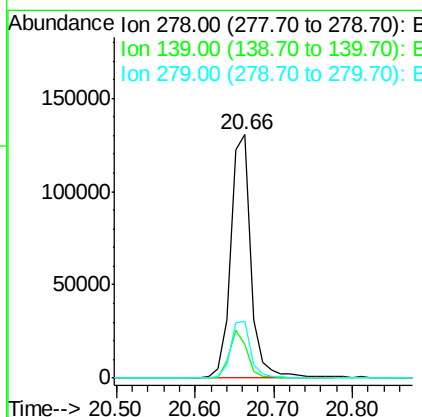
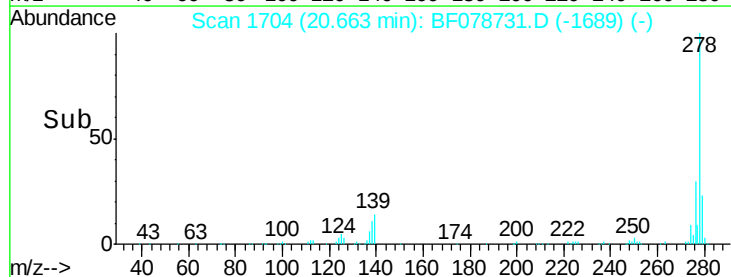
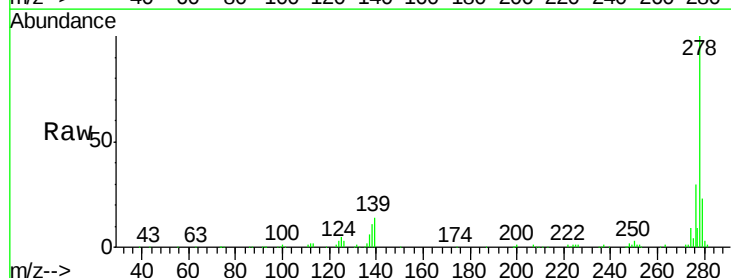
Manual Integrations
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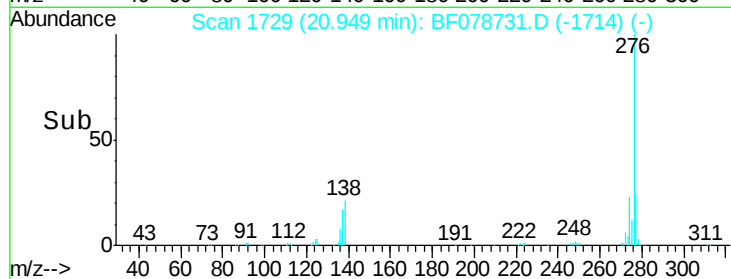
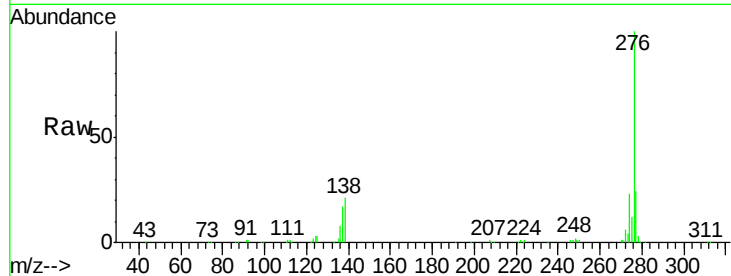
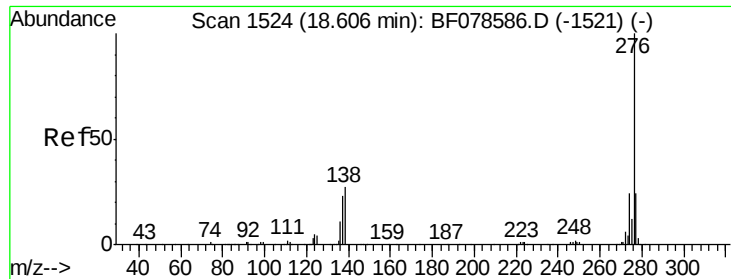
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 37.41 ng m
RT: 20.66 min Scan# 1704
Delta R.T. 0.07 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.6	20.4
279	23.4	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 38.47 ng m

RT: 20.95 min Scan# 1729

Delta R.T. 0.07 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tot Ion:	276	Resp:	243487
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	20.8	19.9	29.9

Instrument :

BNA_F

ClientSampleId :

PB82930BS

Manual Integrations
APPROVED

apatel
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