

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078650.D
 Acq On : 20 Apr 2015 18:09
 Operator : TP/IZ
 Sample : PB82843BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:03:33 PM

Quant Time: Apr 21 01:19:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	34816	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	145055	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	73132	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	141188	20.00	ng	0.00
75) Chrysene-d12	17.81	240	145837	20.00	ng	0.00
86) Perylene-d12	19.53	264	137628	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.87	112	253545	120.07	ng	0.00
7) Phenol-d6	5.36	99	323667	122.31	ng	0.00
23) Nitrobenzene-d5	6.80	82	189785	79.30	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	82147	135.44	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	414037	80.93	ng	0.00
78) Terphenyl-d14	16.47	244	487453	75.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.45	88	29228m	30.61	ng	
3) Pyridine	1.94	79	72950	29.17	ng	98
4) n-Nitrosodimethylamine	1.90	42	37811	39.27	ng	93
6) Aniline	5.35	93	87142	23.22	ng	91
8) 2-Chlorophenol	5.52	128	97020	38.86	ng	100
9) Benzaldehyde	5.16	77	14216	8.11	ng	95
10) Phenol	5.38	94	123453	38.93	ng	98
11) bis(2-Chloroethyl)ether	5.48	93	85553	37.52	ng	96
12) 1,3-Dichlorobenzene	5.76	146	100956	36.81	ng	# 93
13) 1,4-Dichlorobenzene	5.88	146	101617	36.81	ng	98
14) 1,2-Dichlorobenzene	6.12	146	97146	37.53	ng	94
15) Benzyl Alcohol	6.14	79	76806	41.30	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.38	45	116251	38.22	ng	89
17) 2-Methylphenol	6.36	107	76738	39.58	ng	97
18) Hexachloroethane	6.67	117	35656	38.30	ng	93
19) n-Nitroso-di-n-propylamine	6.59	70	67756	38.81	ng	95
20) 3+4-Methylphenols	6.64	107	102716	39.72	ng	91
22) Acetophenone	6.56	105	135759	40.17	ng	# 93
24) Nitrobenzene	6.83	77	96429	38.54	ng	89
25) Isophorone	7.26	82	177325	39.04	ng	94
26) 2-Nitrophenol	7.38	139	48752	40.89	ng	95
27) 2,4-Dimethylphenol	7.54	122	86007	38.80	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	111086	38.14	ng	99
29) 2,4-Dichlorophenol	7.83	162	83469	41.39	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	84265	36.44	ng	97
31) Naphthalene	8.06	128	281047	37.23	ng	99
32) Benzoic acid	7.78	122	49706m	47.72	ng	
33) 4-Chloroaniline	8.22	127	63853	20.38	ng	97
34) Hexachlorobutadiene	8.31	225	47618	37.50	ng	98
35) Caprolactam	8.84	113	24739	41.09	ng	96
36) 4-Chloro-3-methylphenol	9.18	107	85506	42.02	ng	89
37) 2-Methylnaphthalene	9.32	142	194838	38.01	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	84323	37.21	ng	99
40) Hexachlorocyclopentadiene	9.61	237	68911	71.44	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	57593	40.30	nq	98
43) 2,4,5-Trichlorophenol	9.95	196	58883	39.44	nq	# 92
45) 1,1'-Biphenyl	10.19	154	226499	37.86	nq	96
46) 2-Chloronaphthalene	10.19	162	176545	37.51	nq	96
47) 2-Nitroaniline	10.44	65	51020	43.81	nq	# 67
48) Acenaphthylene	10.95	152	294569	38.76	nq	99
49) Dimethylphthalate	10.84	163	217855	39.65	nq	# 98
50) 2,6-Dinitrotoluene	10.94	165	46344	41.00	nq	# 56
51) Acenaphthene	11.27	154	168285	39.33	nq	100
52) 3-Nitroaniline	11.21	138	33273	25.89	nq	# 97
53) 2,4-Dinitrophenol	11.44	184	35143	79.96	nq	92
54) Dibenzofuran	11.60	168	267346	40.91	nq	95
55) 4-Nitrophenol	11.65	139	57807	61.73	nq	90
56) 2,4-Dinitrotoluene	11.67	165	64307	43.92	nq	# 81
57) Fluorene	12.23	166	217508	41.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	41847	37.81	nq	98
59) Diethylphthalate	12.17	149	217300	41.02	nq	99
60) 4-Chlorophenyl-phenylether	12.29	204	99732	40.92	nq	# 83
61) 4-Nitroaniline	12.34	138	47123	36.27	nq	99
62) Azobenzene	12.57	77	206228	42.65	nq	97
64) 4,6-Dinitro-2-methylphenol	12.41	198	28041	41.43	nq	87
65) n-Nitrosodiphenylamine	12.53	169	186571	38.20	nq	97
66) 4-Bromophenyl-phenylether	13.18	248	61240	40.96	nq	99
67) Hexachlorobenzene	13.22	284	63118	38.52	nq	# 88
68) Atrazine	13.60	200	70287	49.69	nq	98
69) Pentachlorophenol	13.63	266	46301	65.30	nq	99
70) Phenanthrene	13.99	178	319329	39.10	nq	99
71) Anthracene	14.08	178	320797	39.86	nq	99
72) Carbazole	14.41	167	310379	41.15	nq	99
73) Di-n-butylphthalate	15.09	149	364614	42.68	nq	100
74) Fluoranthene	15.86	202	347925	40.40	nq	97
76) Benzidine	16.13	184	110246	19.63	nq	97
77) Pyrene	16.17	202	355639	38.85	nq	98
79) Butylbenzylphthalate	17.17	149	164446	47.13	nq	# 82
80) Benzo(a)anthracene	17.79	228	338731	39.04	nq	99
81) 3,3'-Dichlorobenzidine	17.79	252	75629	26.02	nq	# 97
82) Chrysene	17.84	228	309233	37.93	nq	99
83) Bis(2-ethylhexyl)phthalate	17.93	149	234301	42.81	nq	99
84) Di-n-octyl phthalate	18.72	149	405180	45.09	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.73	276	350209	37.86	nq	# 87
87) Benzo(b)fluoranthene	19.10	252	369163	43.40	nq	# 97
88) Benzo(k)fluoranthene	19.13	252	259033m	34.27	nq	
89) Benzo(a)pyrene	19.47	252	310057	41.77	nq	97
90) Dibenzo(a,h)anthracene	20.75	278	286772	38.59	nq	99
91) Benzo(g,h,i)perylene	21.05	276	285190	38.27	nq	99

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

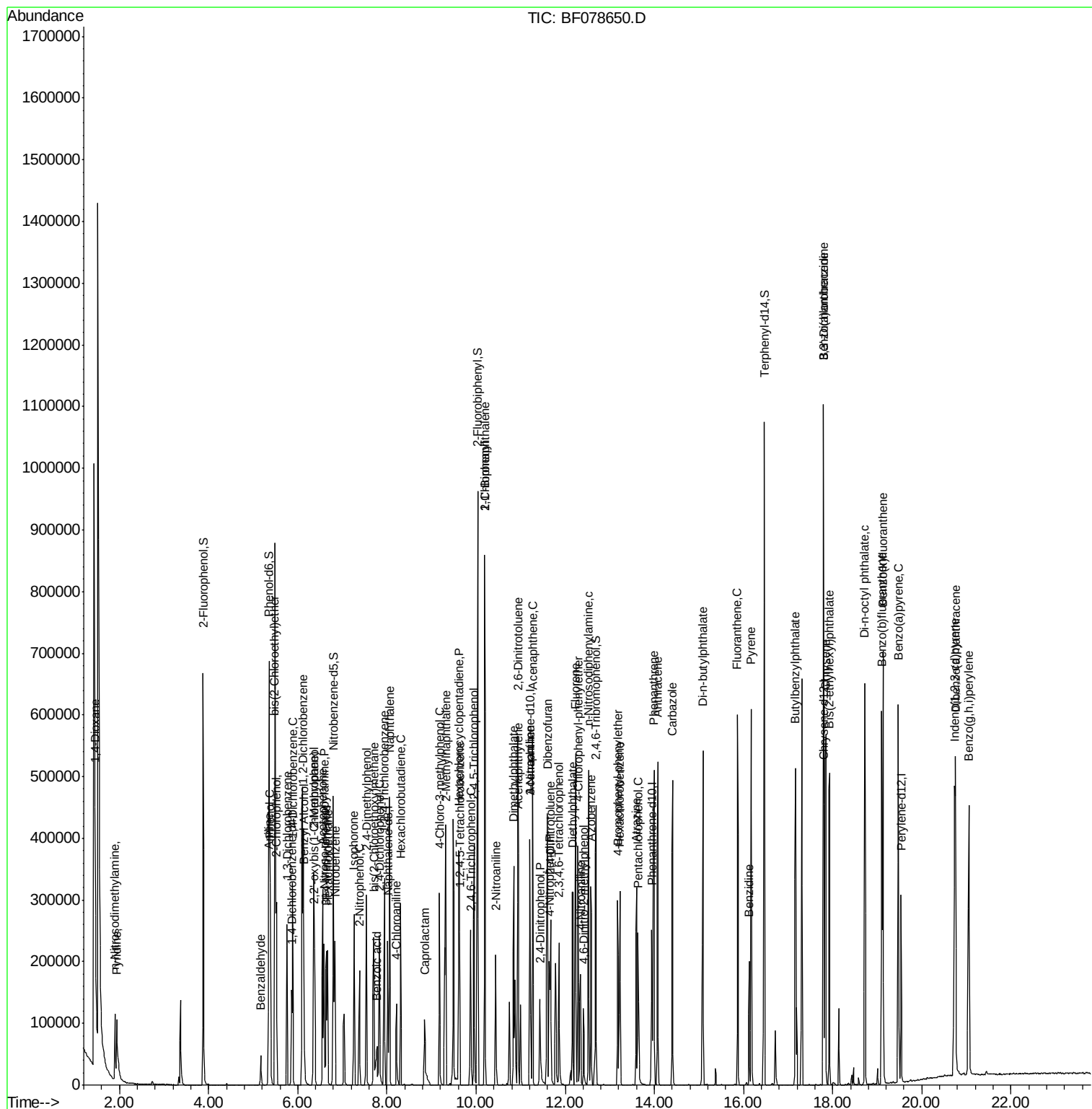
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Data File : BF078650.D  
Acq On    : 20 Apr 2015   18:09  
Operator  : TP/IZ  
Sample    : PB82843BS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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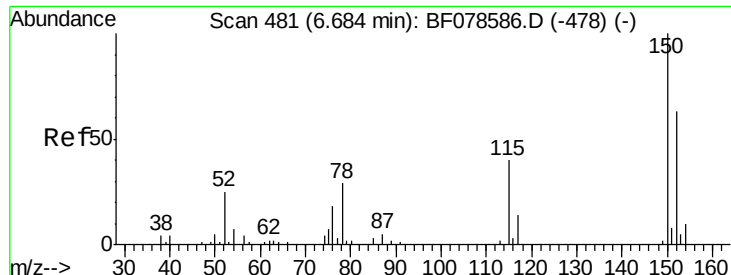
Instrument :
BNA_F
ClientSampleId :
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#1

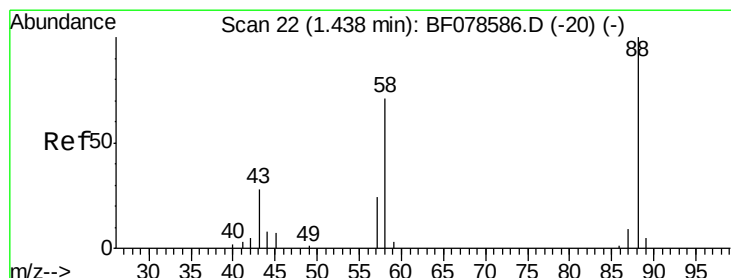
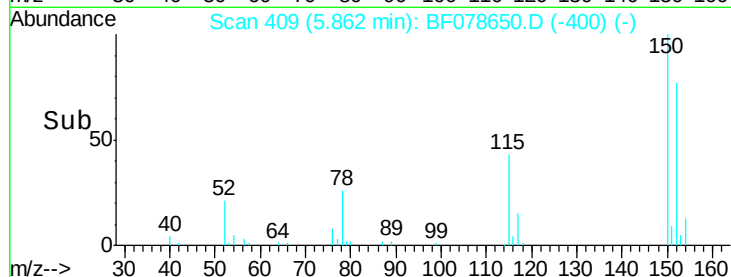
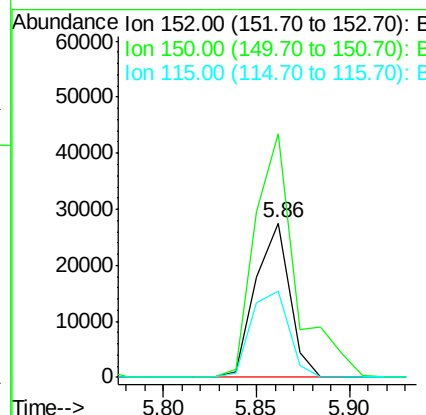
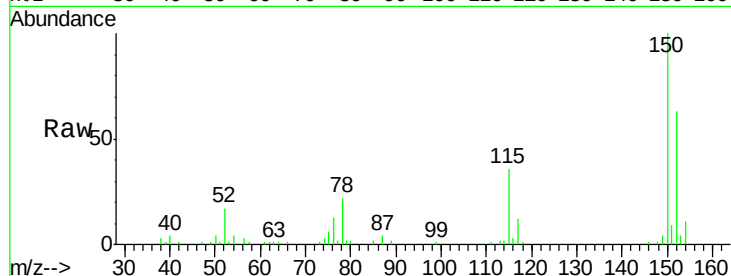
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	56.0	52.7	79.1

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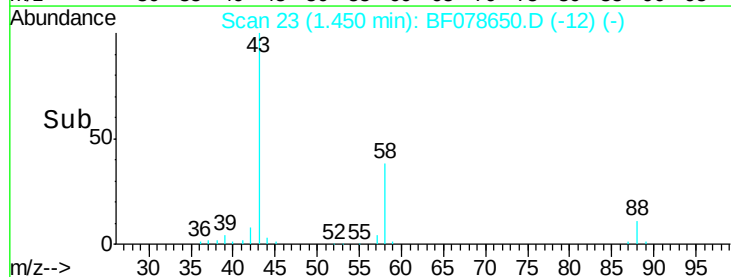
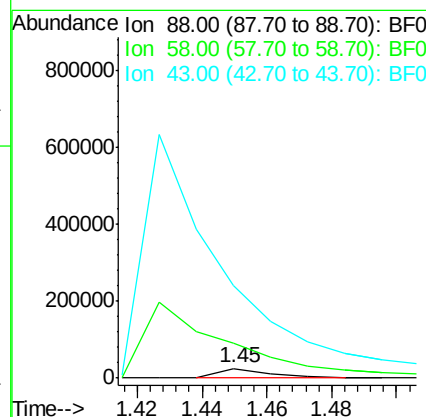
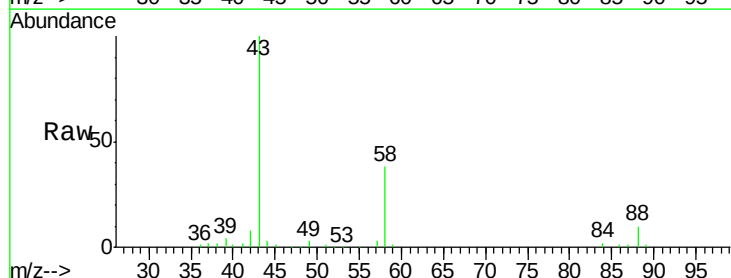
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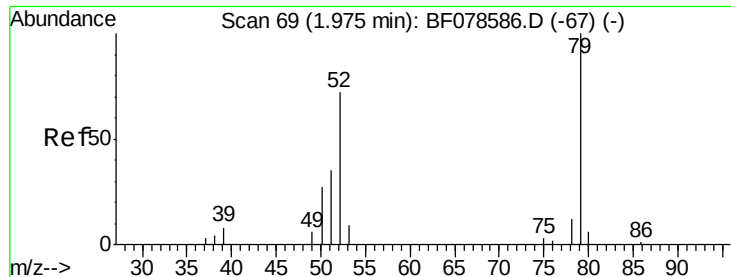


#2

1,4-Dioxane
Concen: 30.61 ng m
RT: 1.45 min Scan# 23
Delta R.T. 0.02 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

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





#3

Pvridine

Concen: 29.17 ng

RT: 1.94 min Scan# 66

Delta R.T. 0.03 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

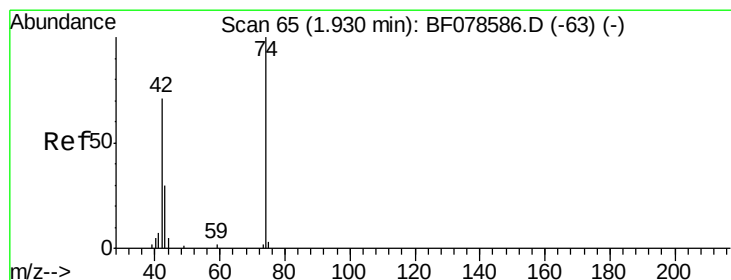
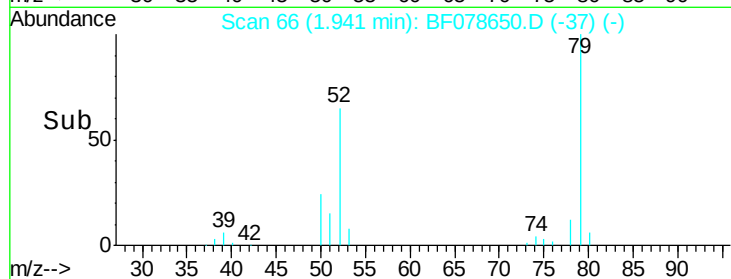
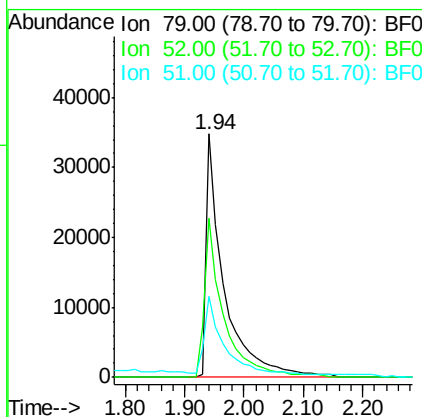
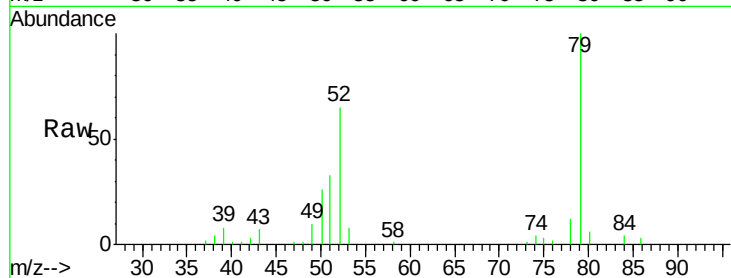
ClientSampleId :

PB82843BS

Tot Ion:	79	Resp:	72950
Ion	Ratio	Lower	Upper
79	100		
52	65.2	52.4	78.6
51	33.4	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 39.27 ng

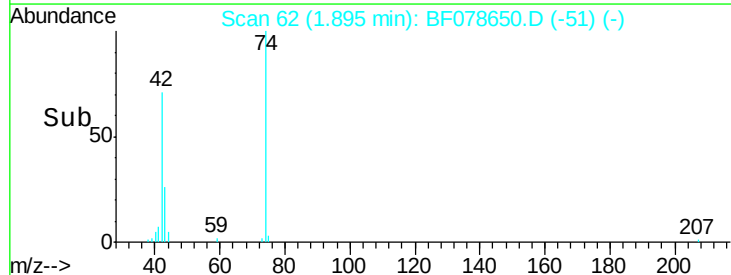
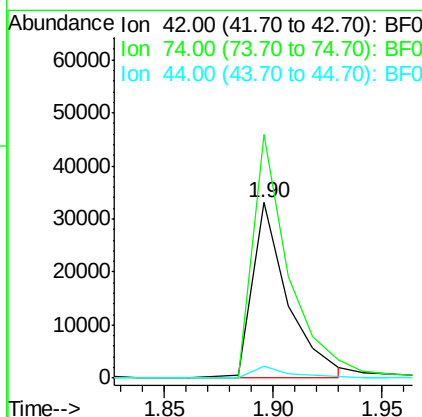
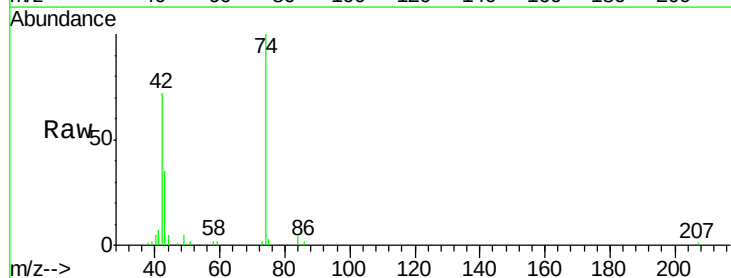
RT: 1.90 min Scan# 62

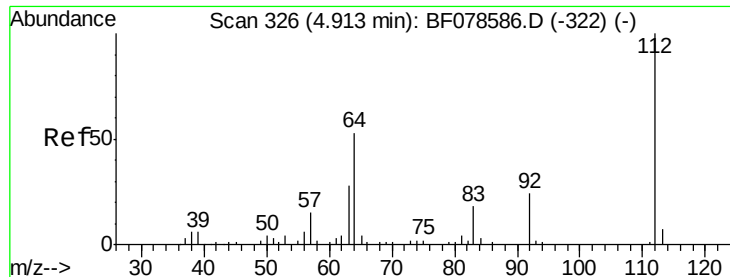
Delta R.T. 0.02 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	42	Resp:	37811
Ion	Ratio	Lower	Upper
42	100		
74	138.8	118.7	178.1
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 120.07 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

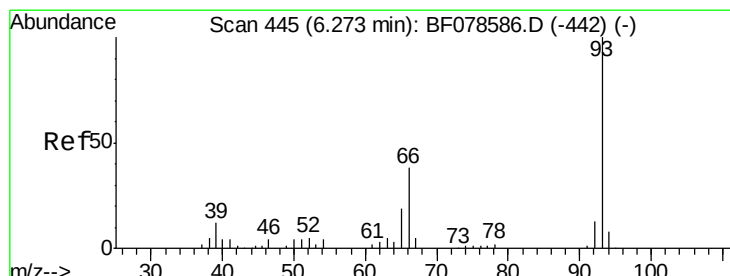
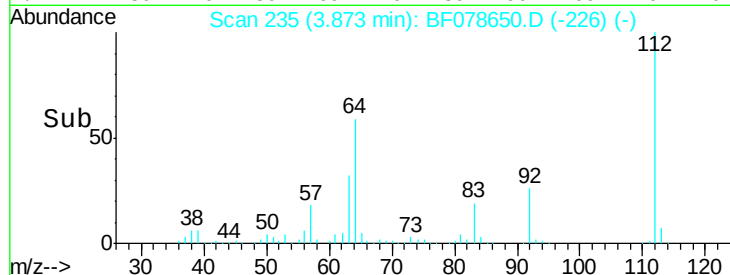
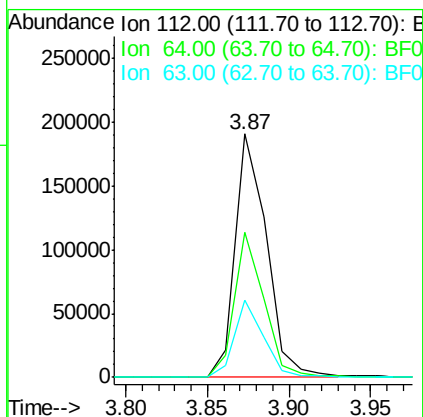
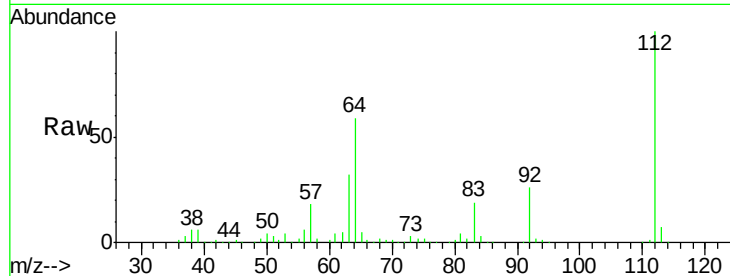
ClientSampleId :

PB82843BS

Tot Ion:	112	Resp:	253545
Ion Ratio	Lower	Upper	
112	100		
64	59.4	39.9	59.9
63	31.6	20.2	30.4

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#6

Aniline

Concen: 23.22 ng

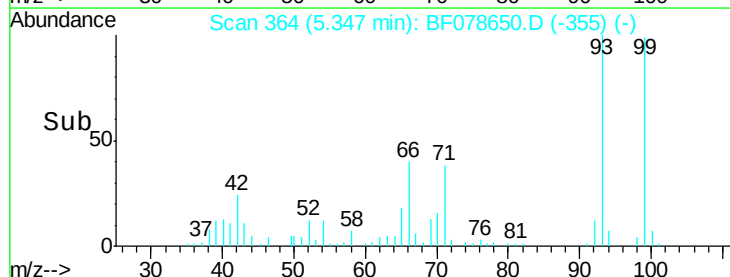
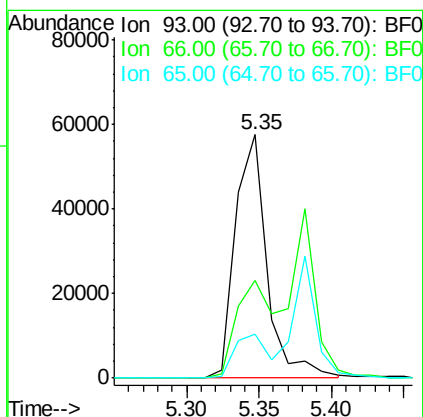
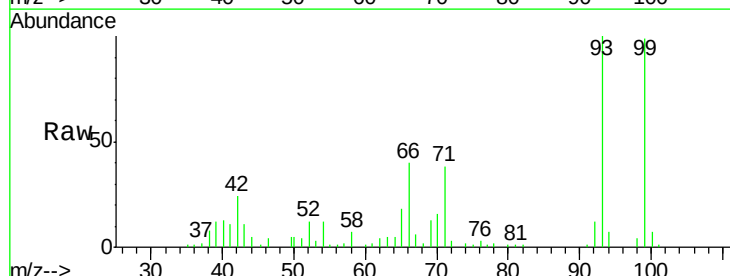
RT: 5.35 min Scan# 364

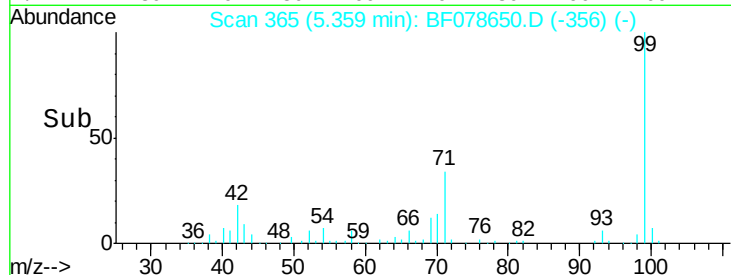
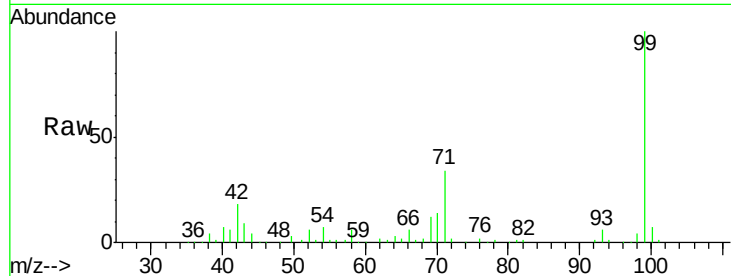
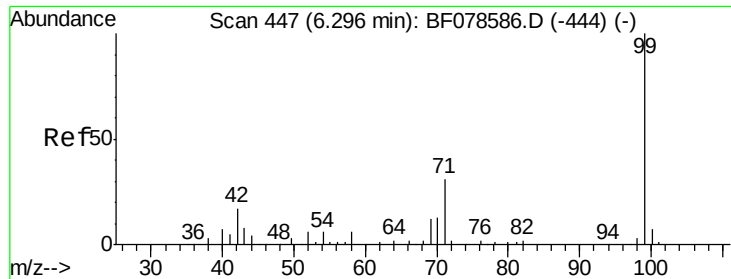
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	93	Resp:	87142
Ion Ratio	Lower	Upper	
93	100		
66	40.1	38.0	57.0
65	18.0	16.3	24.5





#7

Phenol-d6

Concen: 122.31 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tot Ion:	99	Resp:	323667
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.8	22.2
71	33.6	26.6	39.8

Instrument :

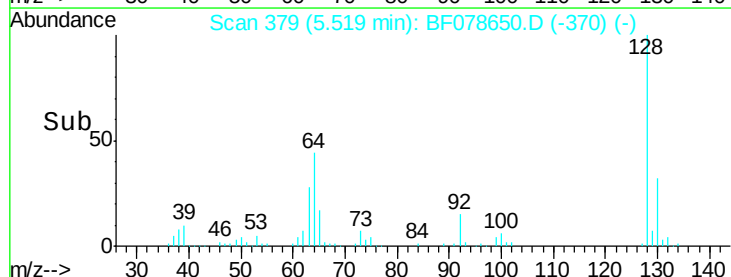
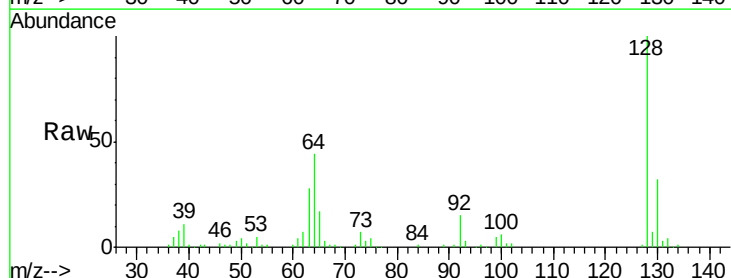
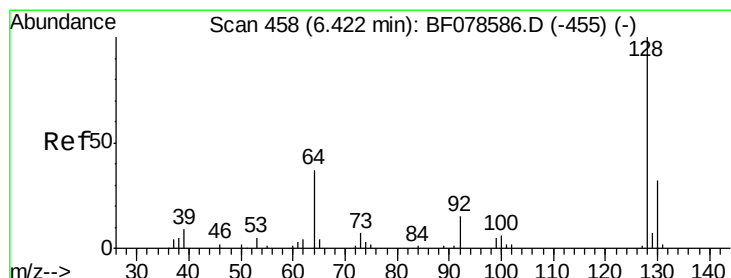
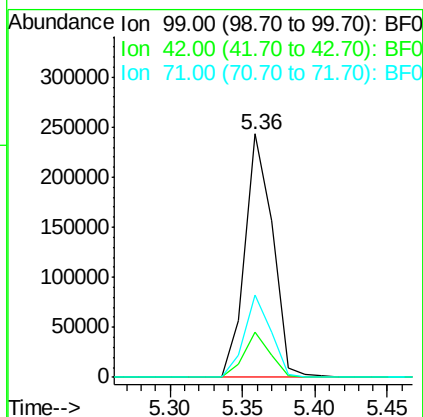
BNA_F

ClientSampleId :

PB82843BS

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#8

2-Chlorophenol

Concen: 38.86 ng

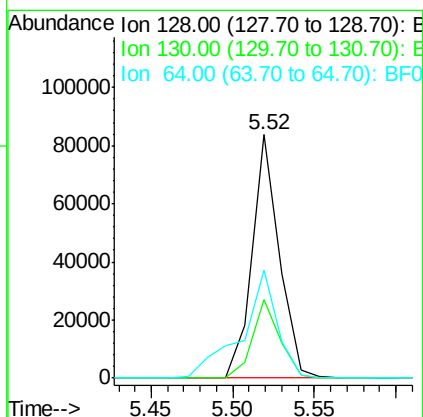
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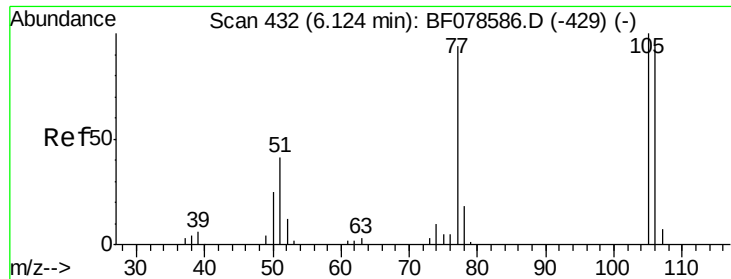
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	128	Resp:	97020
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	44.1	23.8	63.8





#9

Benzaldehyde

Concen: 8.11 ng

RT: 5.16 min Scan# 348

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

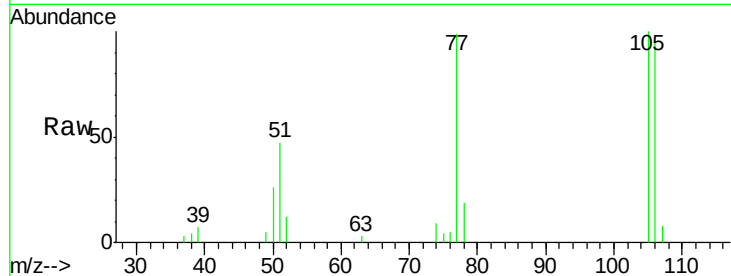
ClientSampleID :

PB82843BS

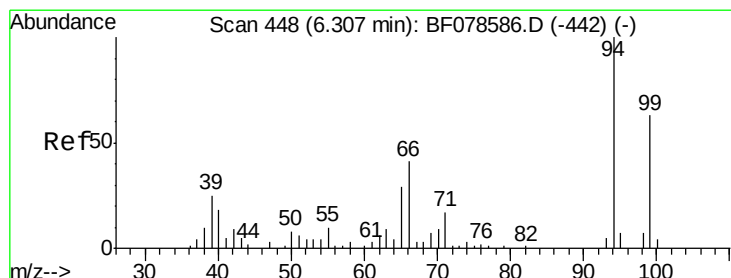
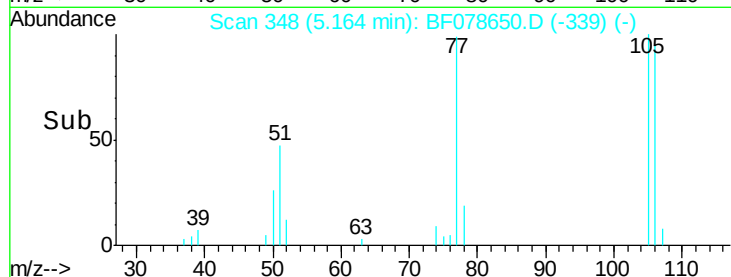
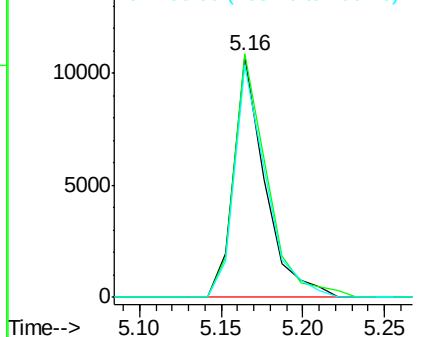
Tot Ion:	77	Resp:	14216
Ion	Ratio	Lower	Upper
77	100		
105	100.8	85.4	125.4
106	95.9	80.8	120.8

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



#10

Phenol

Concen: 38.93 ng

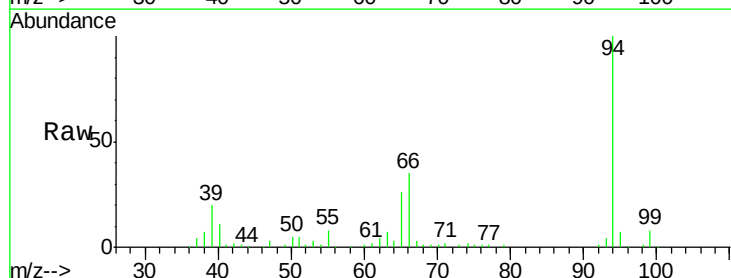
RT: 5.38 min Scan# 367

Delta R.T. 0.00 min

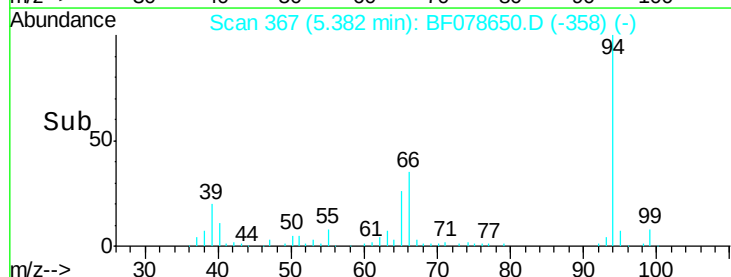
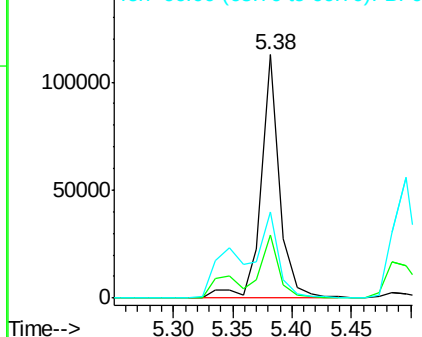
Lab File: BF078650.D

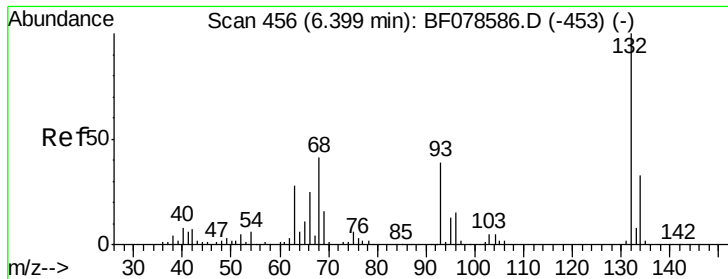
Acq: 20 Apr 2015 18:09

Tgt Ion:	94	Resp:	123453
Ion	Ratio	Lower	Upper
94	100		
65	25.7	4.9	44.9
66	35.4	13.8	53.8



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





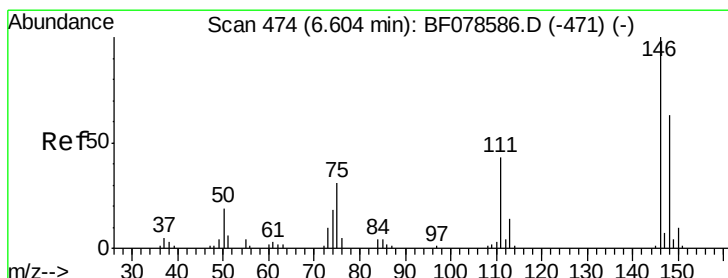
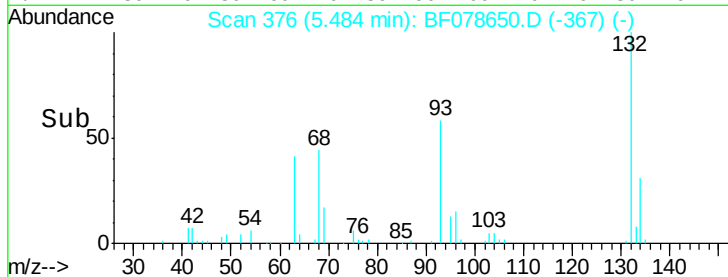
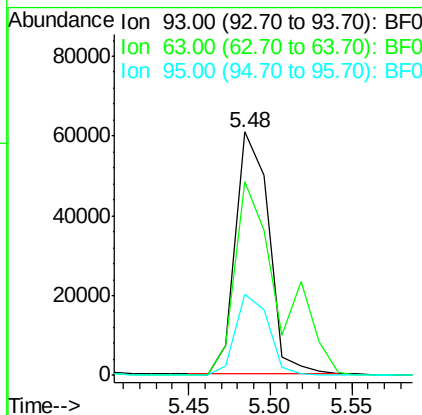
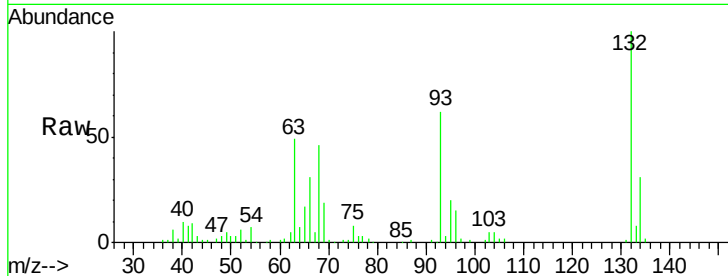
#11
bis(2-Chloroethyl)ether
Concen: 37.52 ng
RT: 5.48 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	79.5	54.6	94.6	
95	33.1	13.6	53.6	

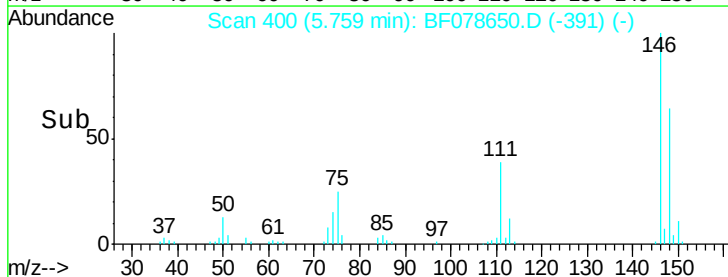
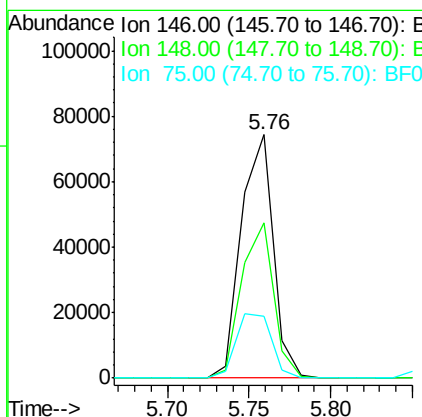
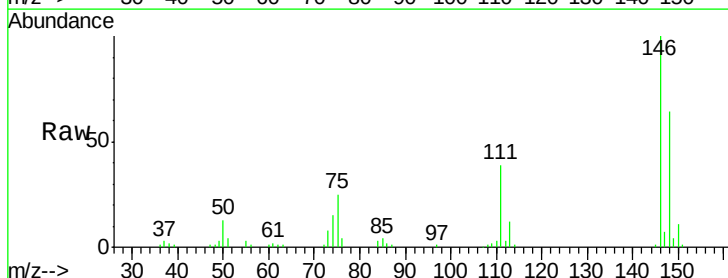
Manual Integrations
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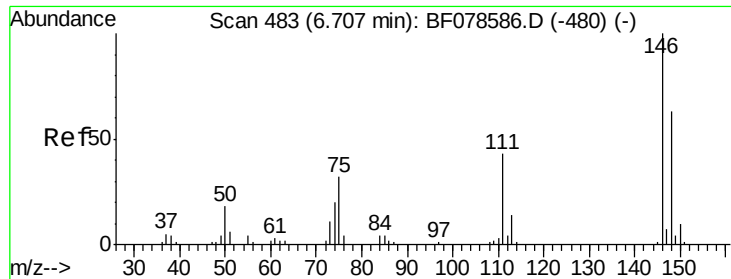
apatel
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#12
1,3-Dichlorobenzene
Concen: 36.81 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.6	49.1	73.7	
75	25.2	26.6	40.0	





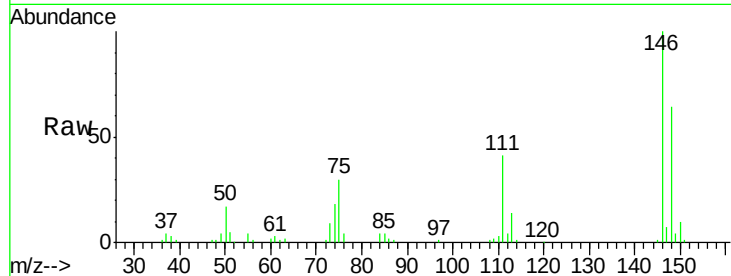
#13
 1,4-Dichlorobenzene
 Concen: 36.81 ng
 RT: 5.88 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	41.4	35.0	52.4

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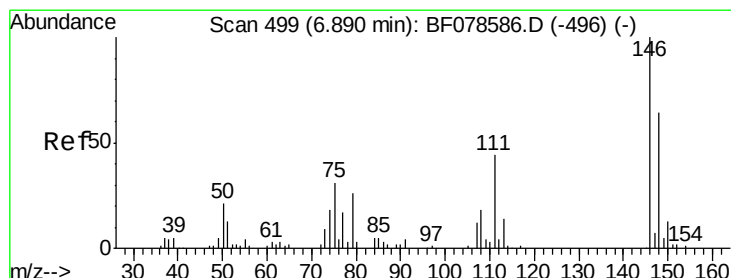
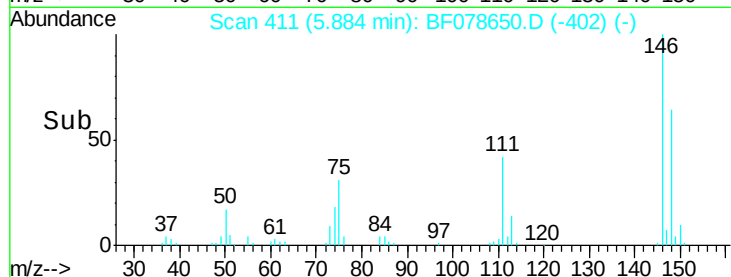
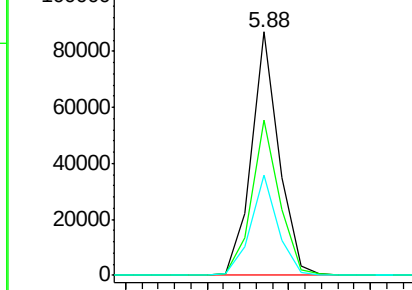


Abundance

Ion 146.00 (145.70 to 146.70): E

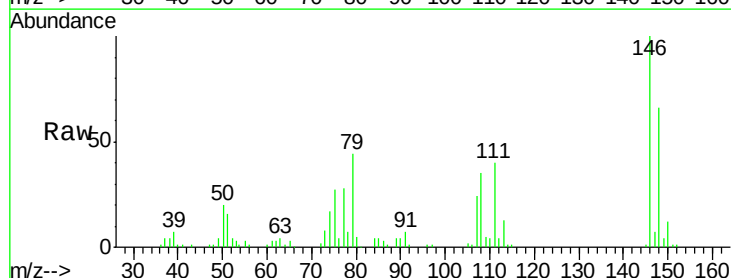
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.53 ng
 RT: 6.12 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.2	75.4
111	39.9	36.1	54.1

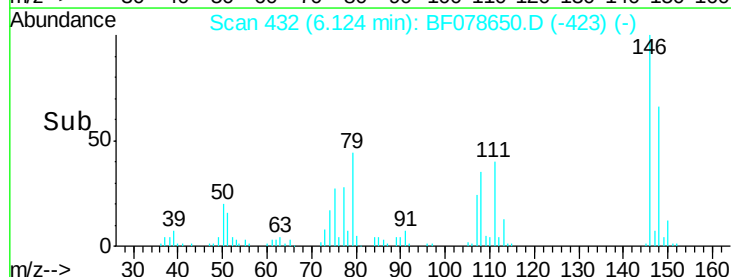
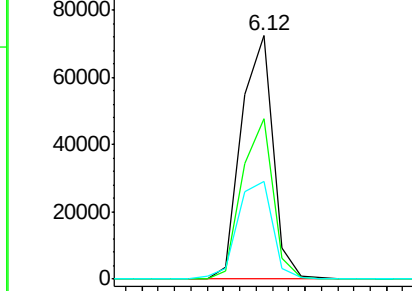


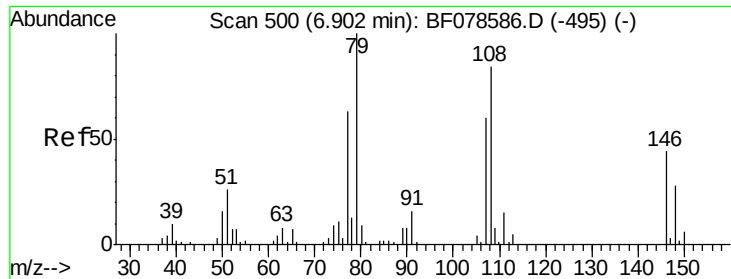
Abundance

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: 41.30 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

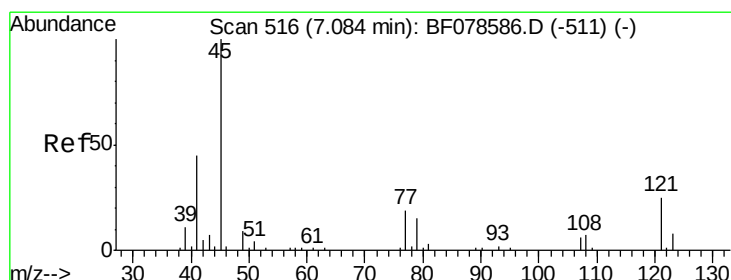
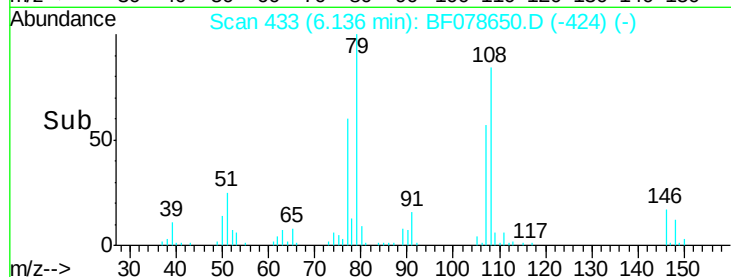
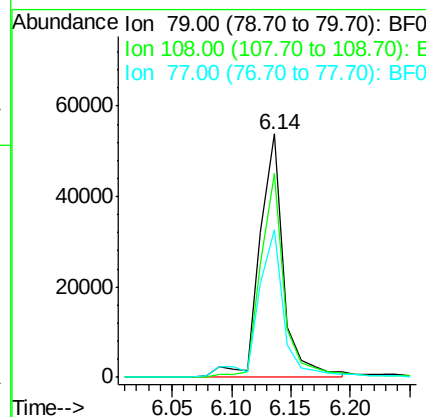
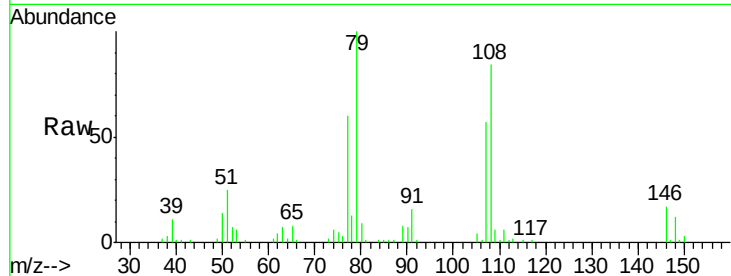
ClientSampled :

PB82843BS

Tot Ion:	79	Resp:	76806
Ion Ratio	Lower	Upper	
79	100		
108	83.6	57.6	86.4
77	60.4	53.5	80.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.22 ng

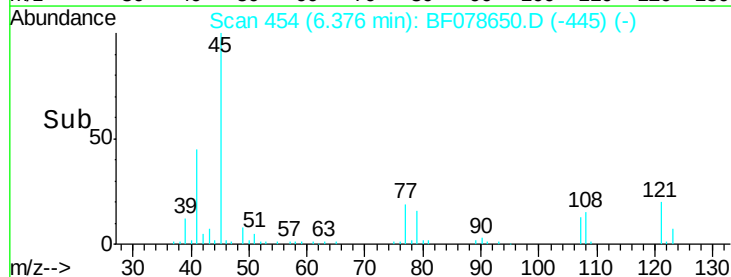
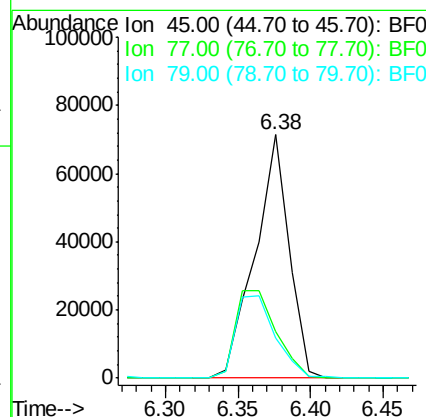
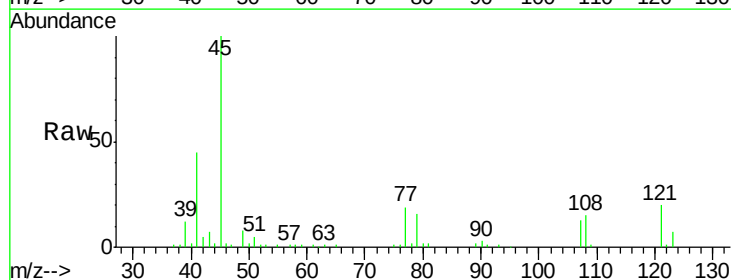
RT: 6.38 min Scan# 454

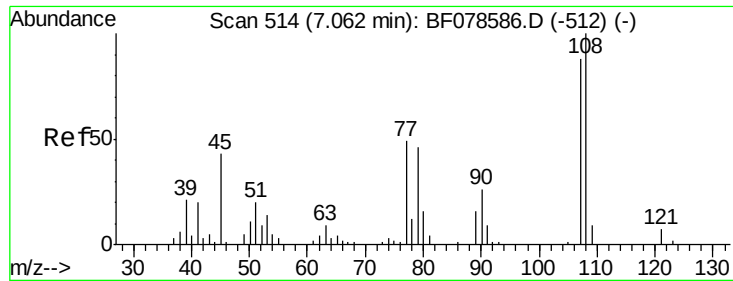
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	45	Resp:	116251
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	34.5
79	16.4	0.0	31.9





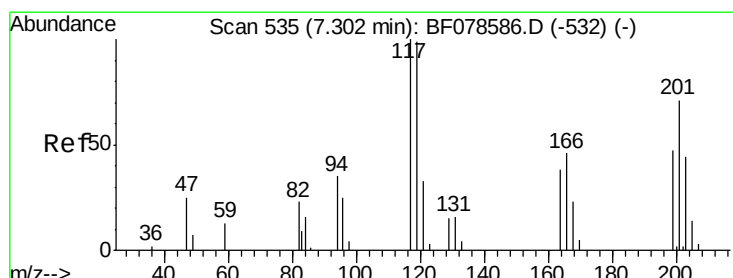
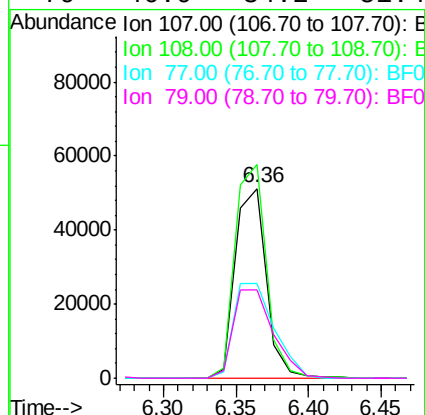
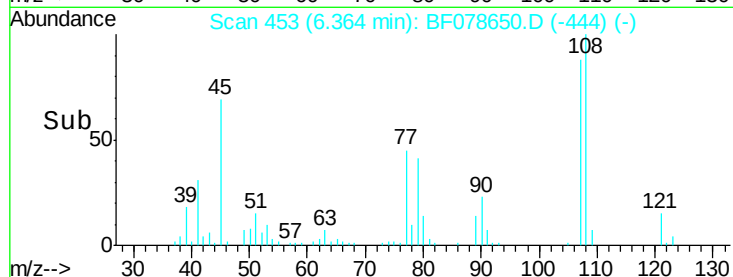
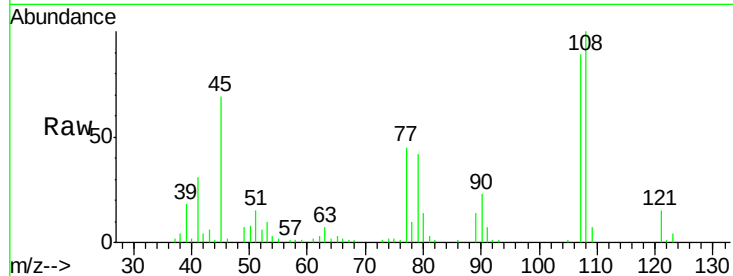
#17
2-Methylphenol
Concen: 39.58 ng
RT: 6.36 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion:	107	Resp:	76738
Ion Ratio	Lower	Upper	
107	100		
108	112.7	90.3	135.5
77	50.2	35.5	53.3
79	46.9	34.2	51.4

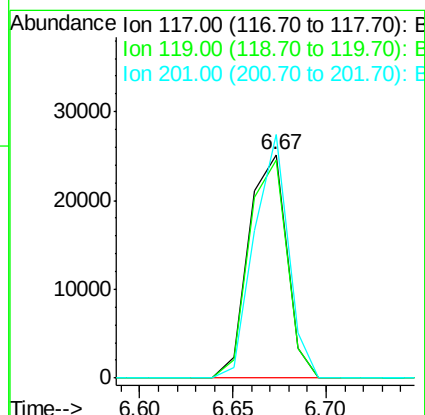
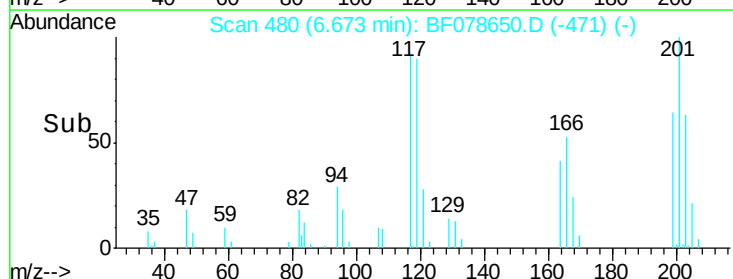
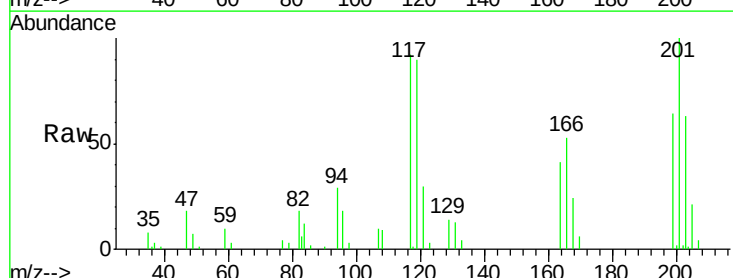
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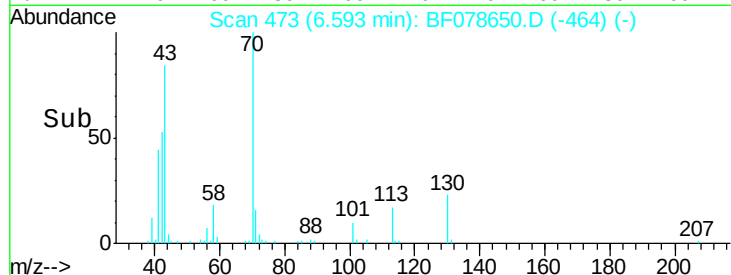
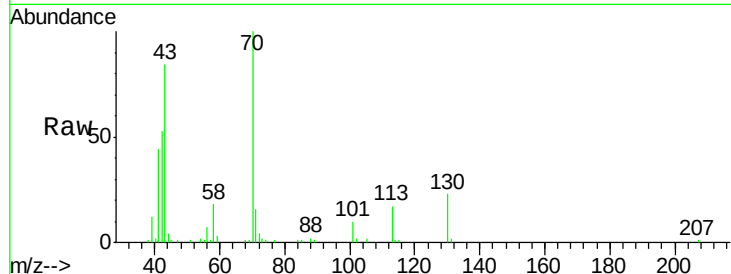
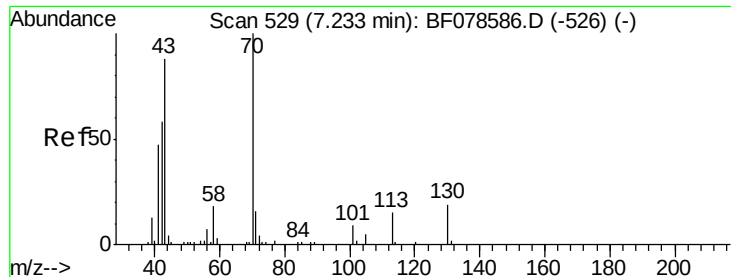
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#18
Hexachloroethane
Concen: 38.30 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion:	117	Resp:	35656
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.0	115.6
201	109.1	98.1	147.1





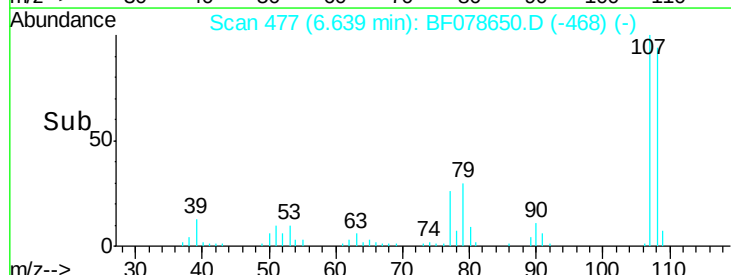
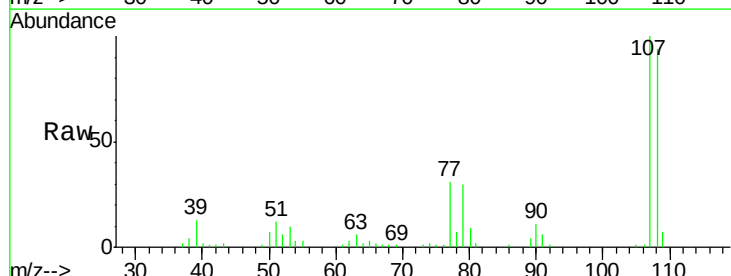
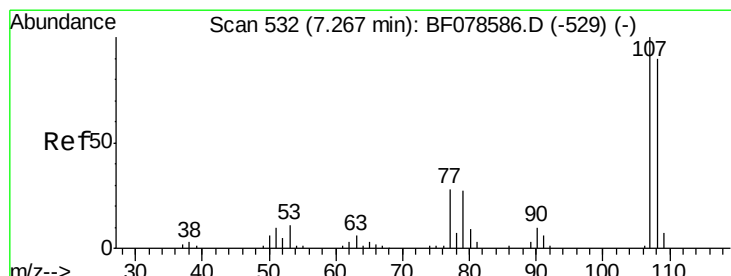
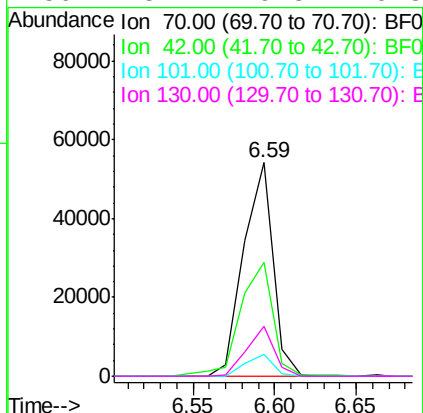
#19
n-Nitroso-di-n-propylamine
Concen: 38.81 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

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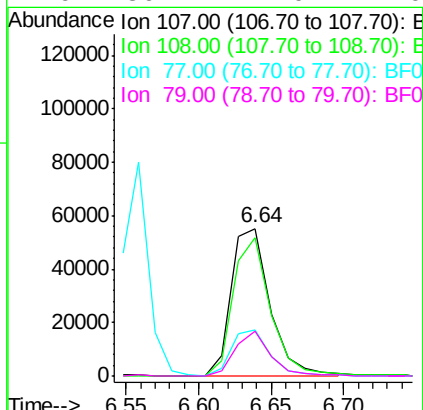
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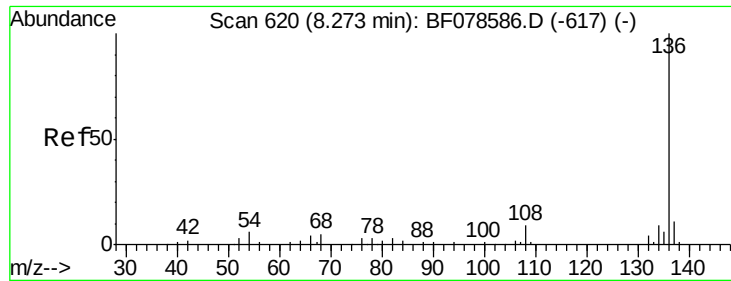
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.4	38.9	58.3	
101	10.0	8.3	12.5	
130	23.1	19.8	29.8	



#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	64.4	104.4	
77	31.1	9.7	49.7	
79	30.2	4.0	44.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

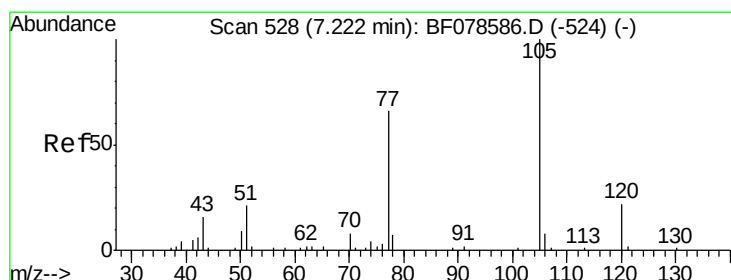
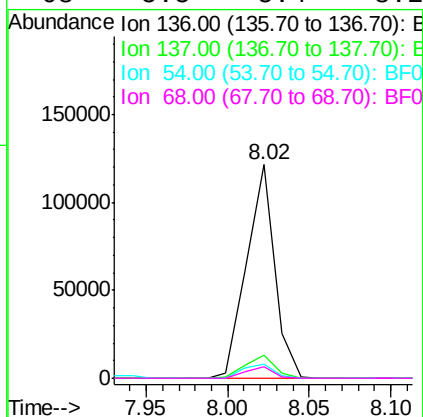
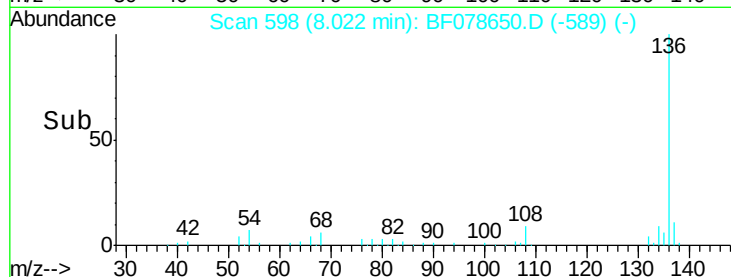
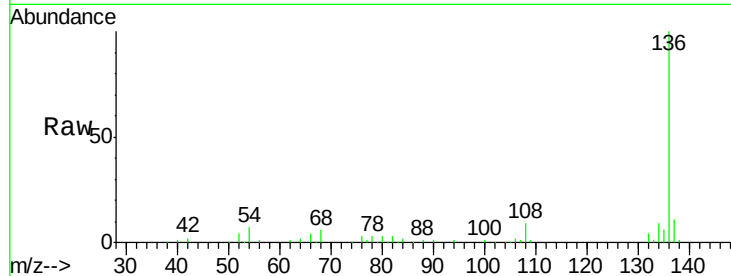
ClientSampleId :

PB82843BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	7.0	10.6
68	5.5	5.4	8.2

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#22

Acetophenone

Concen: 40.17 ng

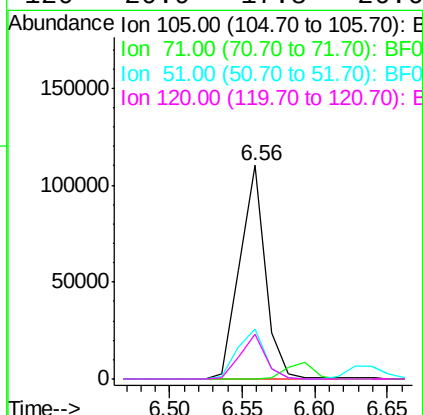
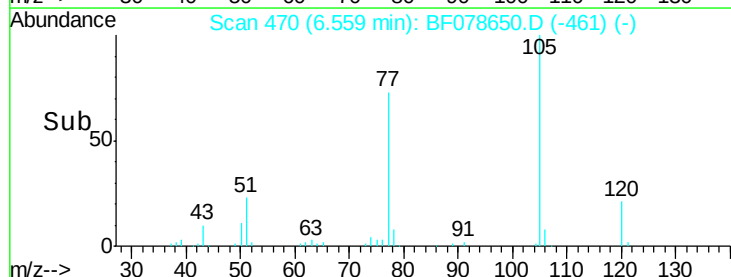
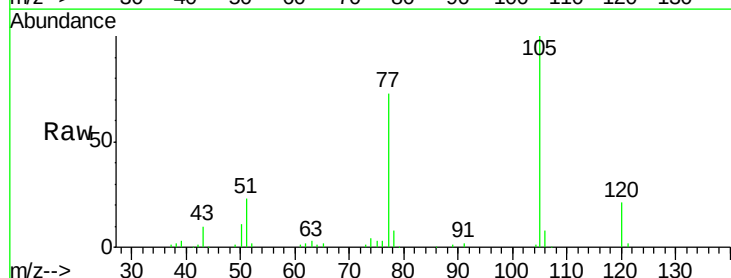
RT: 6.56 min Scan# 470

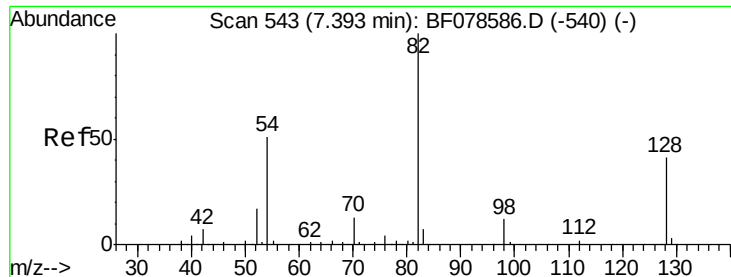
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3
51	23.3	16.0	24.0
120	20.9	17.8	26.6





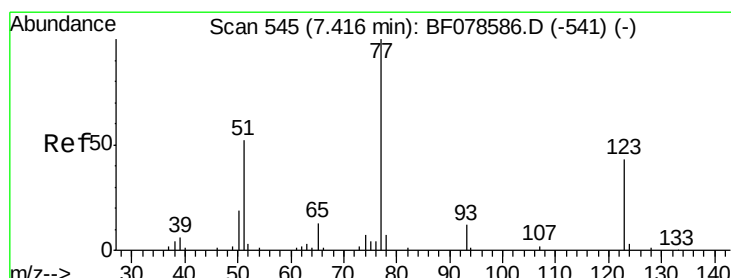
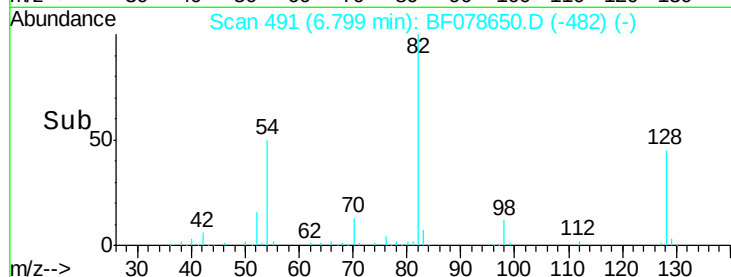
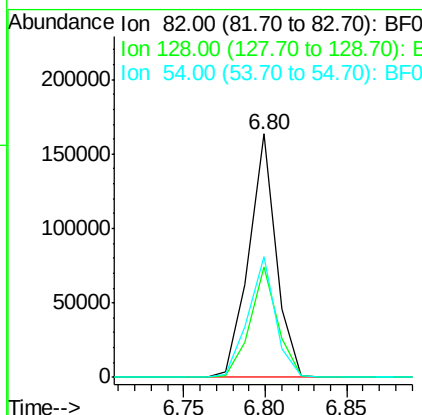
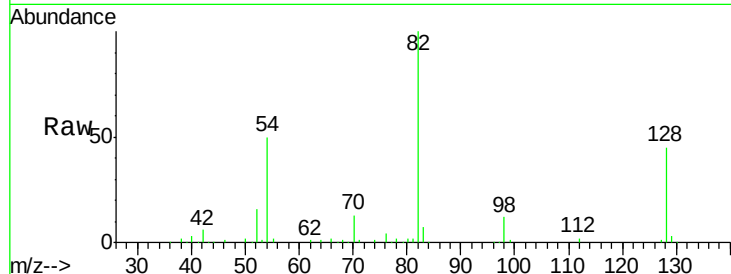
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	189785		
128	45.3		31.8	47.8
54	49.8		41.5	62.3

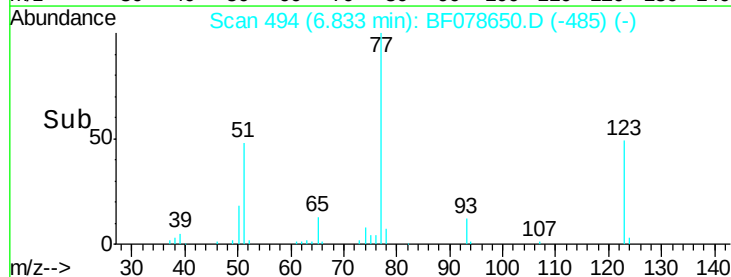
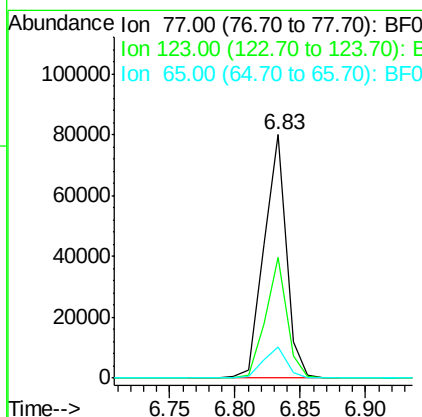
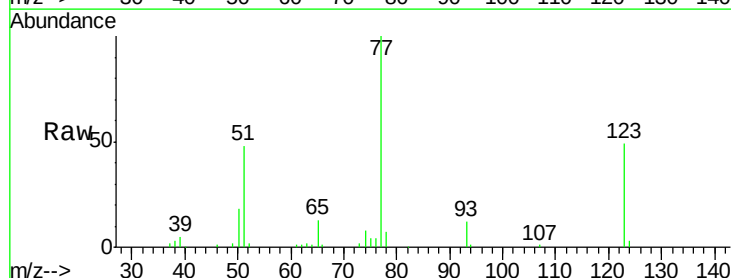
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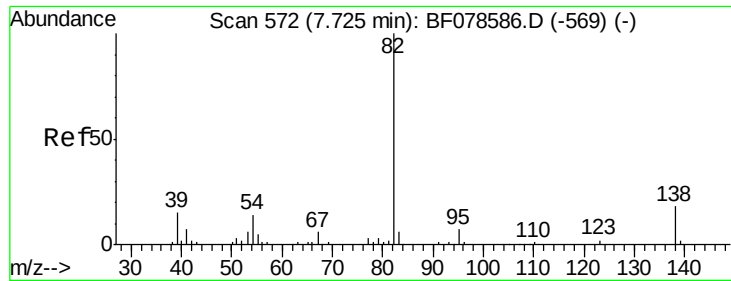
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#24
 Nitrobenzene
 Concen: 38.54 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	96429		
123	49.4		46.9	70.3
65	12.9		9.5	14.3





#25

Isophorone

Concen: 39.04 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

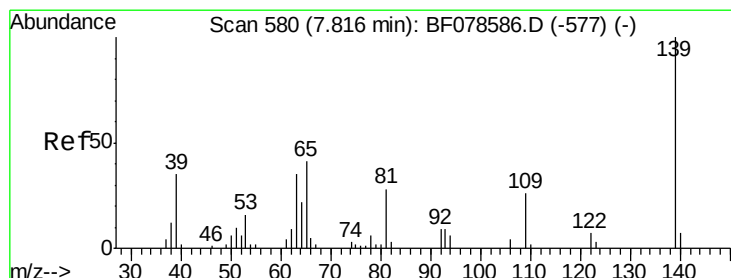
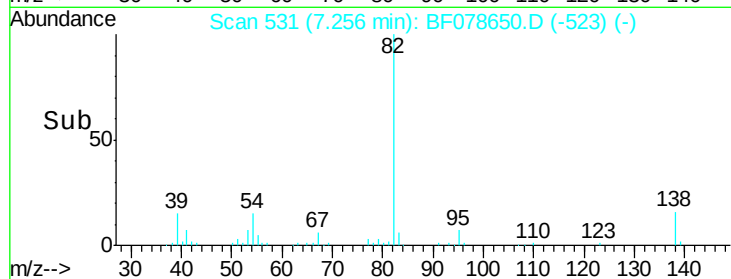
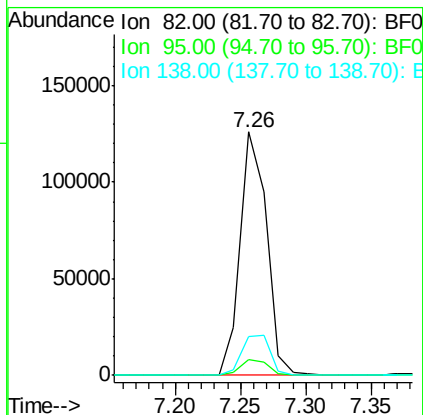
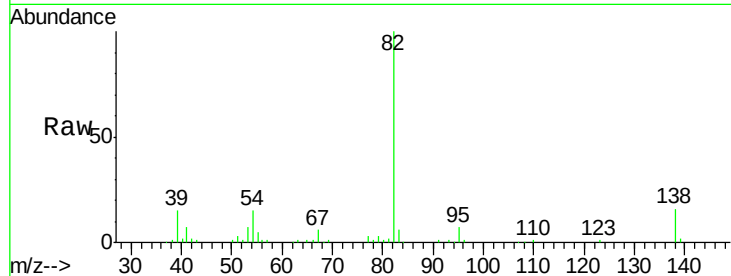
ClientSampleId :

PB82843BS

Tot Ion:	82	Resp:	177325
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.7	8.5
138	16.0	15.8	23.8

Manual Integrations
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apatel
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#26

2-Nitrophenol

Concen: 40.89 ng

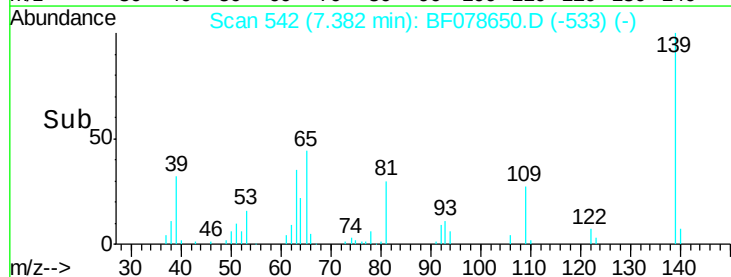
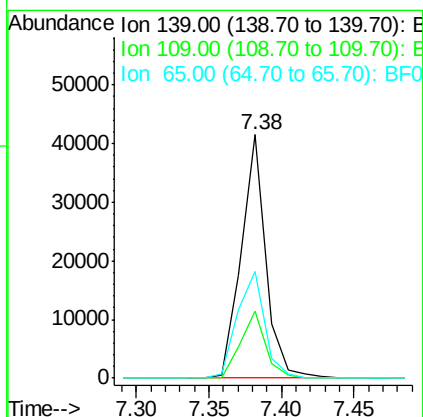
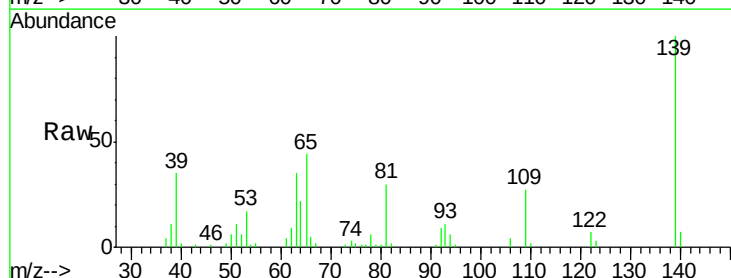
RT: 7.38 min Scan# 542

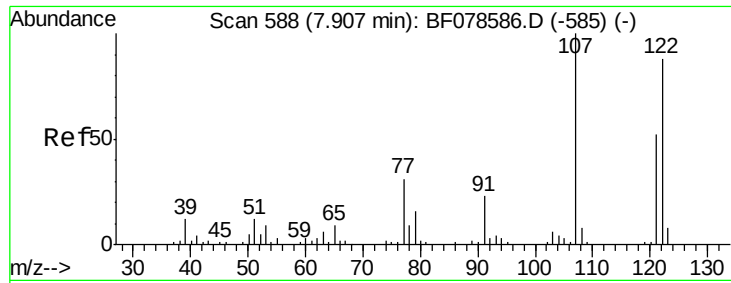
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	139	Resp:	48752
Ion Ratio		Lower	Upper
139	100		
109	27.4	19.8	29.8
65	43.6	32.7	49.1





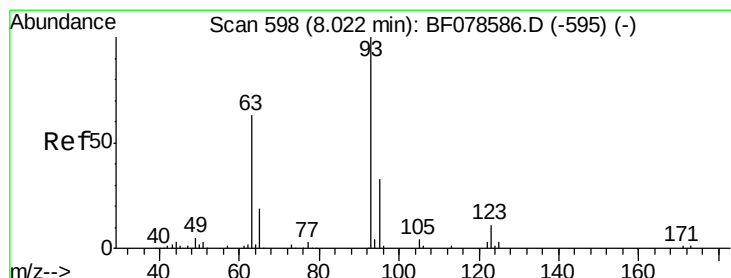
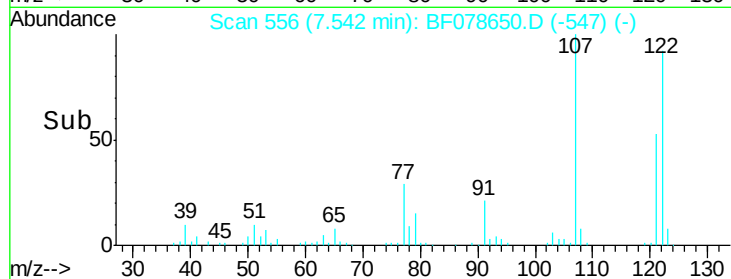
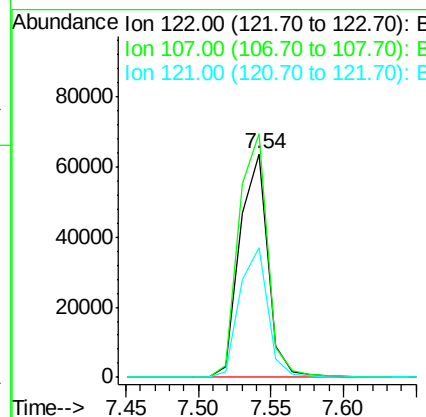
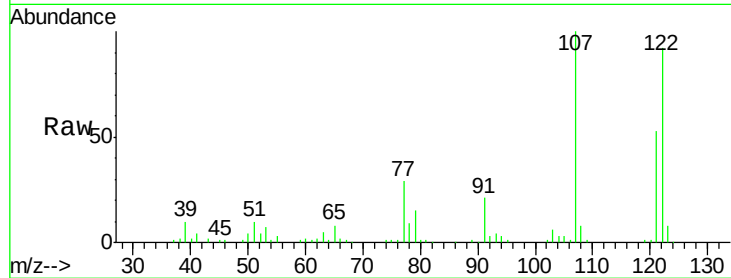
#27
 2,4-Dimethylphenol
 Concen: 38.80 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampled :
 PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	86007		
107	108.8	84.6	127.0	
121	57.7	46.0	69.0	

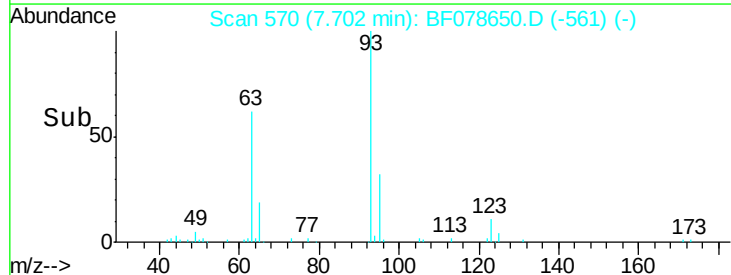
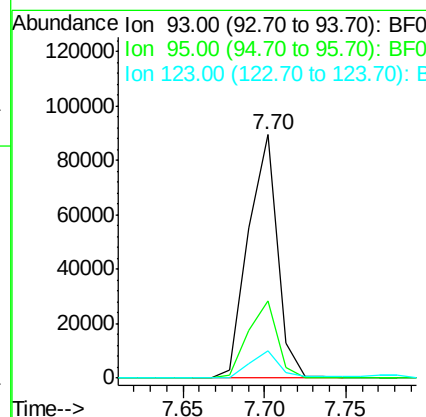
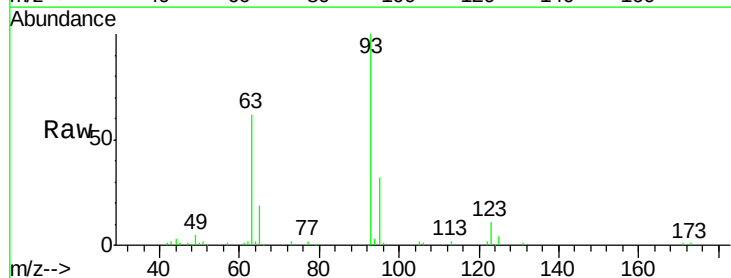
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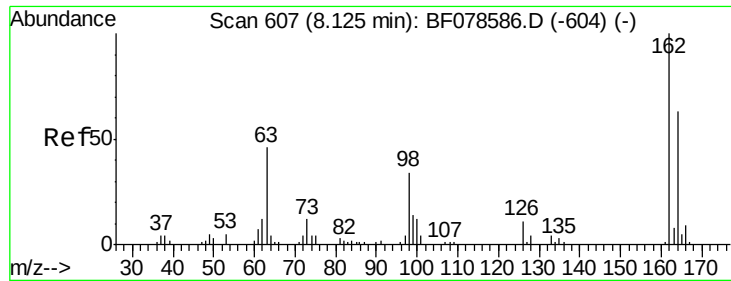
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.14 ng
 RT: 7.70 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	111086		
95	31.8	26.3	39.5	
123	11.4	9.1	13.7	





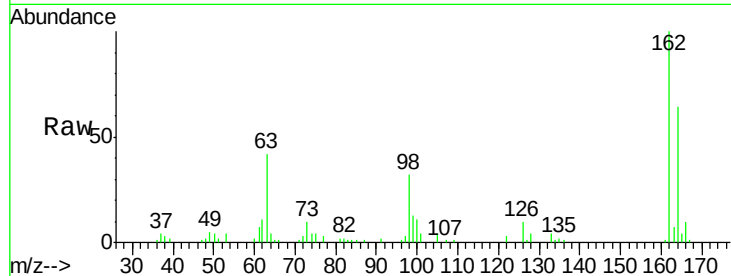
#29
 2,4-Dichlorophenol
 Concen: 41.39 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

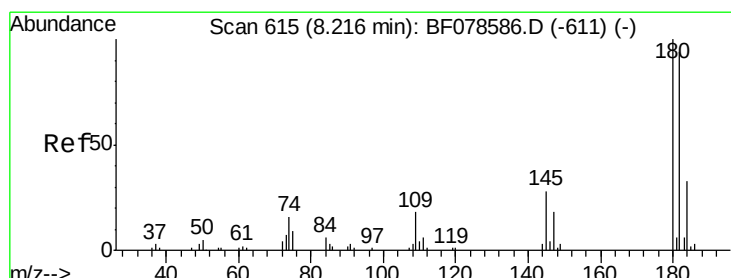
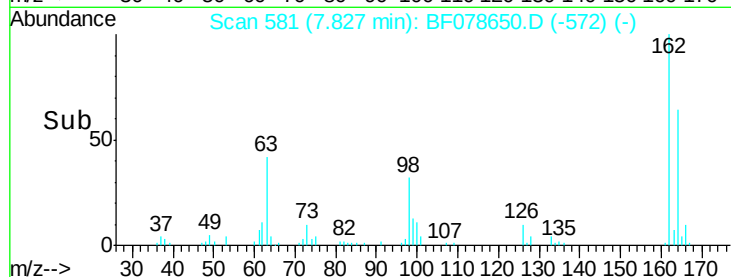
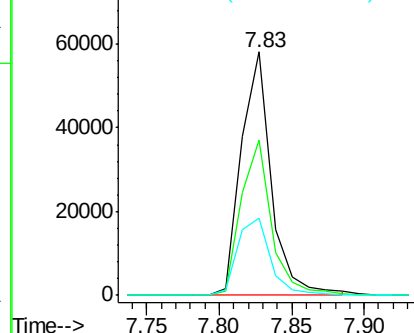
Tot Ion	Ratio	Resp	Lower	Upper
162	100	83469		
164	63.9	47.0	87.0	
98	31.7	9.2	49.2	

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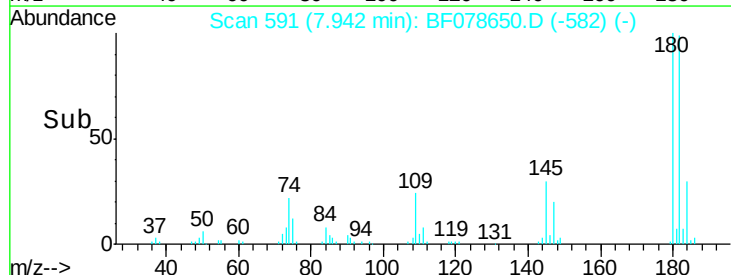
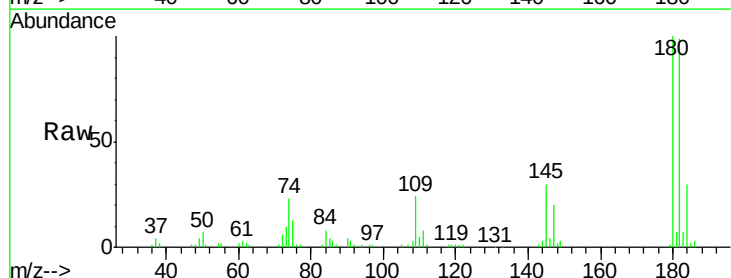
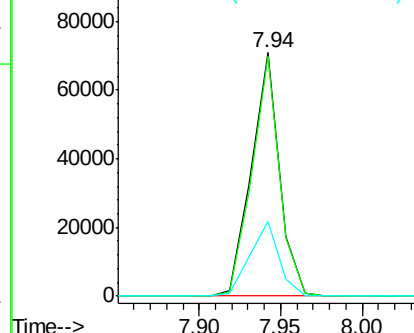
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

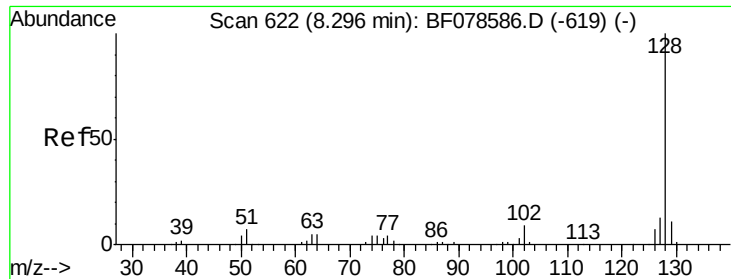


#30
 1,2,4-Trichlorobenzene
 Concen: 36.44 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84265		
182	98.6	76.9	115.3	
145	30.4	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





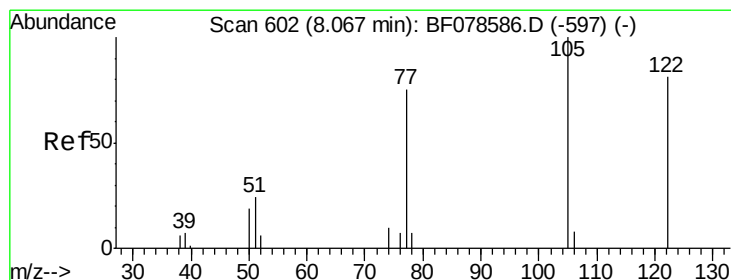
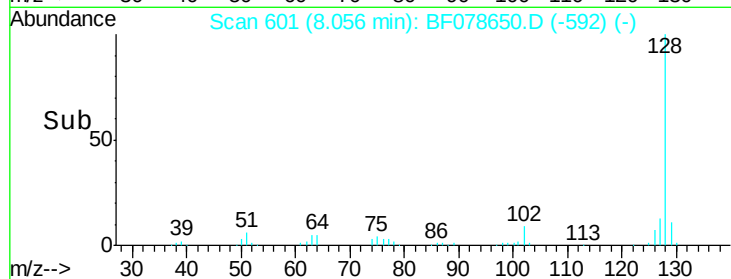
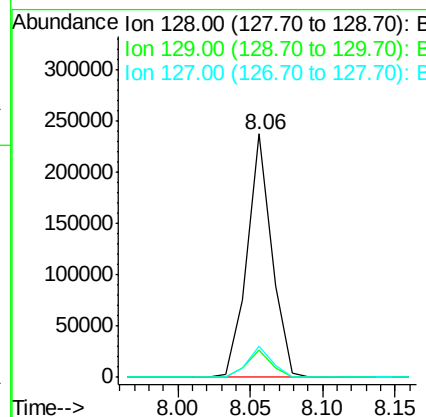
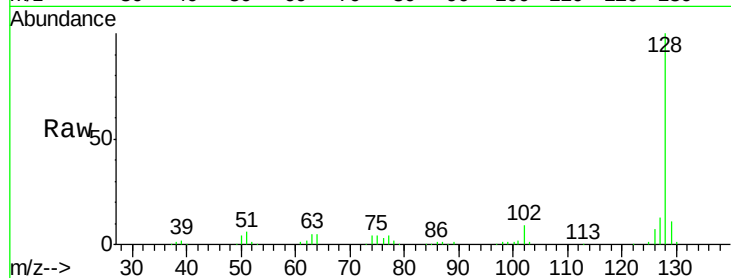
#31
Naphthalene
Concen: 37.23 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.8	10.7	16.1

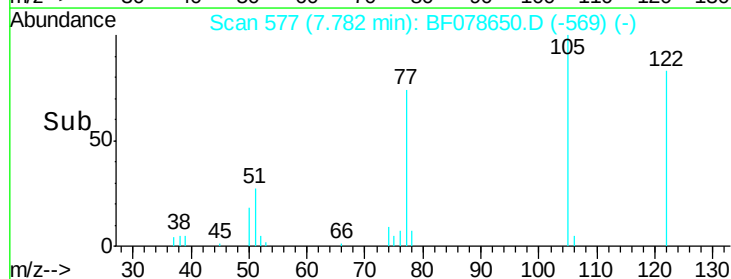
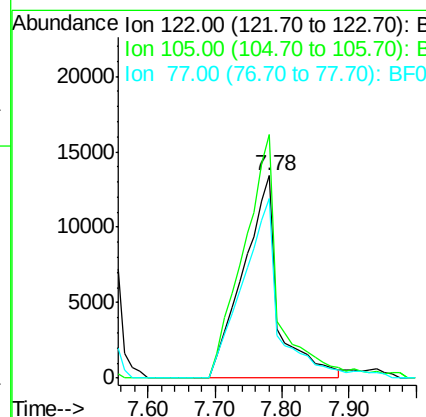
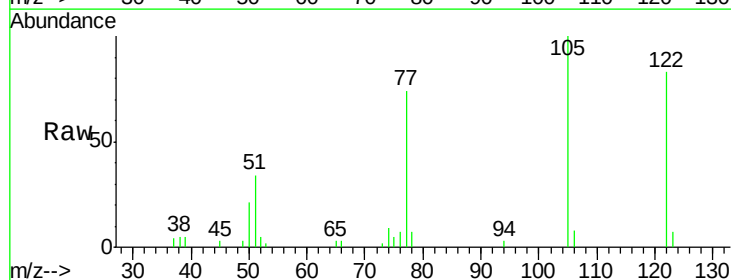
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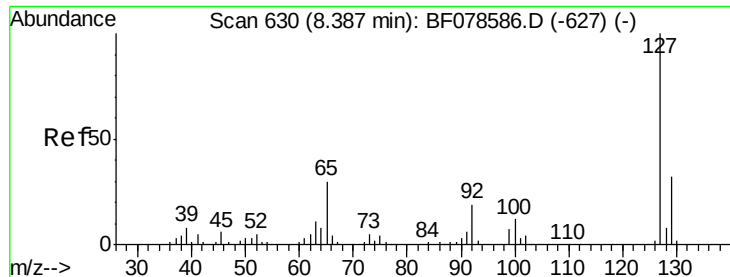
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#32
Benzoic acid
Concen: 47.72 ng m
RT: 7.78 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	96.1	136.1
77	88.6	64.1	104.1





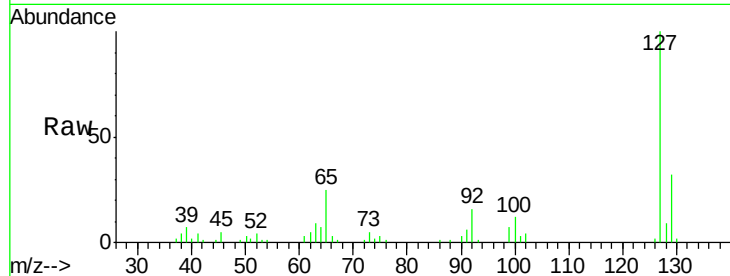
#33
4-Chloroaniline
Concen: 20.38 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

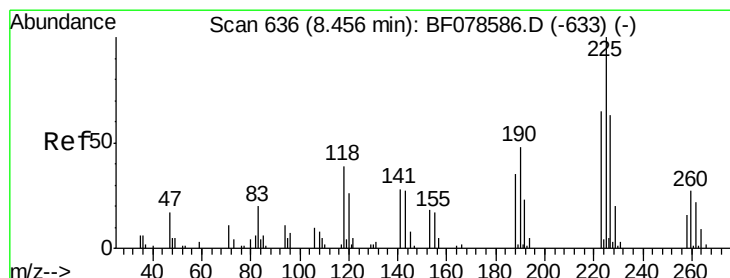
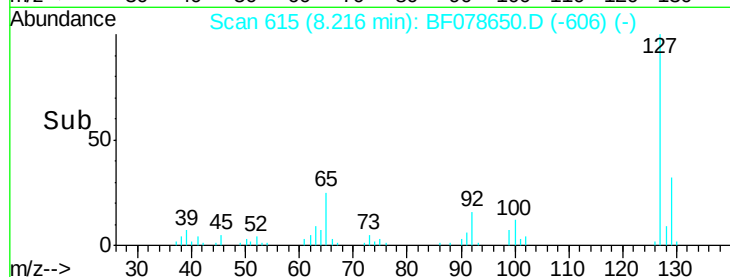
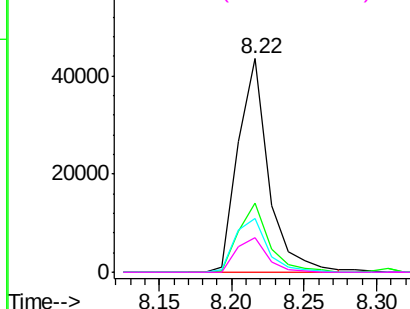
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.5	38.3		
65	24.9	21.7	32.5		
92	16.0	14.6	21.8		

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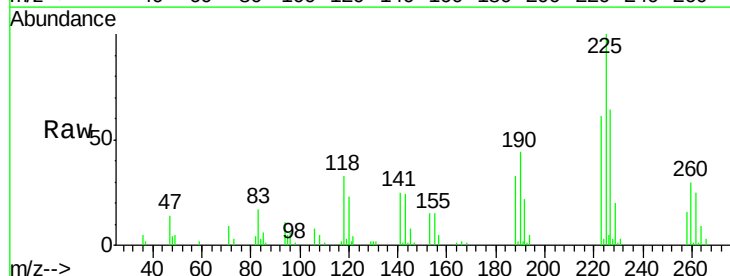


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

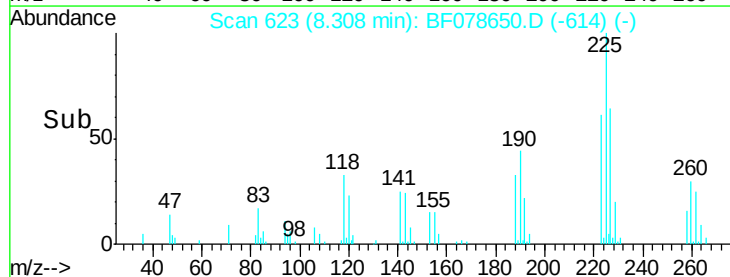
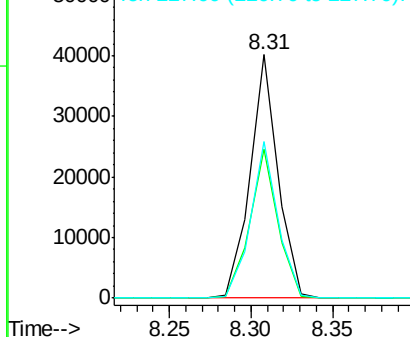


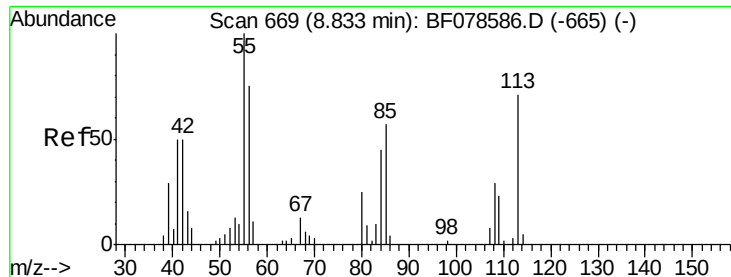
#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	47.5	71.3		
227	64.3	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.09 ng

RT: 8.84 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

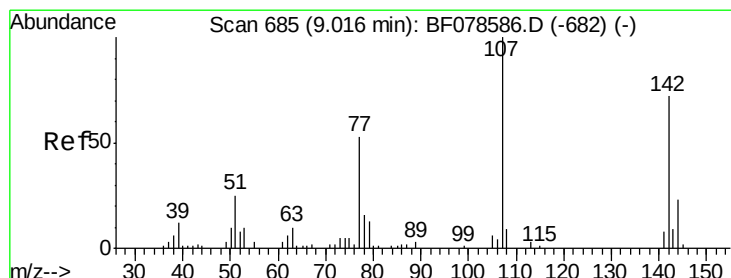
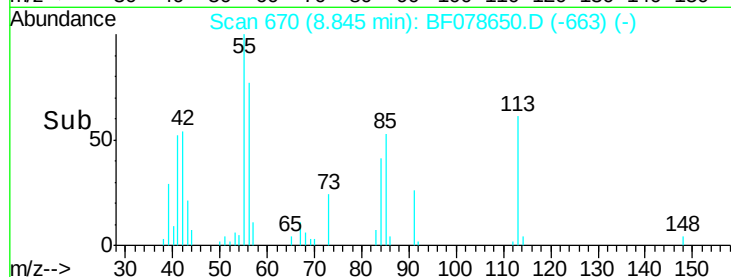
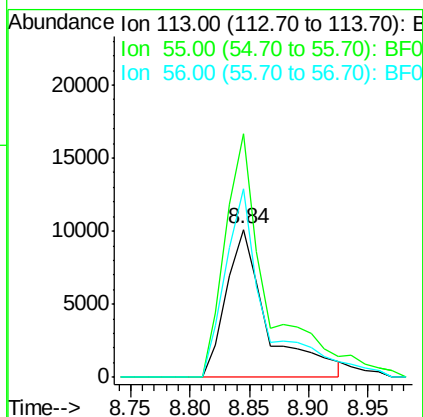
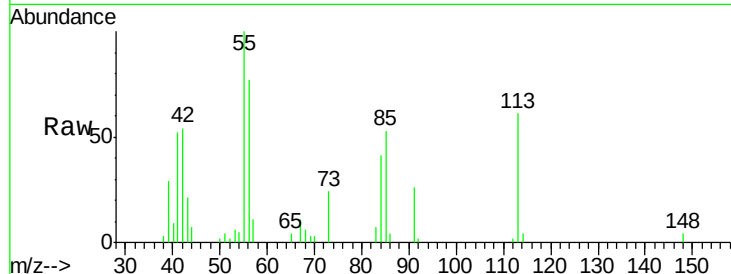
ClientSampleId :

PB82843BS

Tot Ion:	113	Resp:	24739
Ion Ratio	Lower	Upper	
113	100		
55	164.4	151.9	191.9
56	127.3	106.1	146.1

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#36

4-Chloro-3-methylphenol

Concen: 42.02 ng

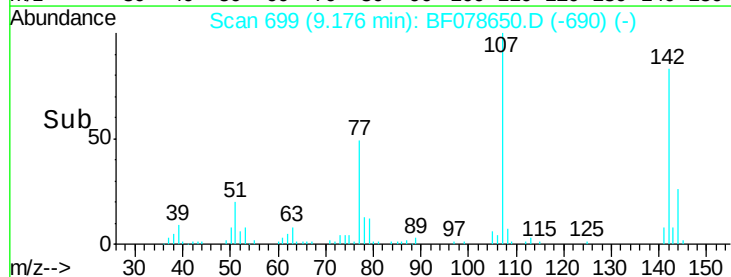
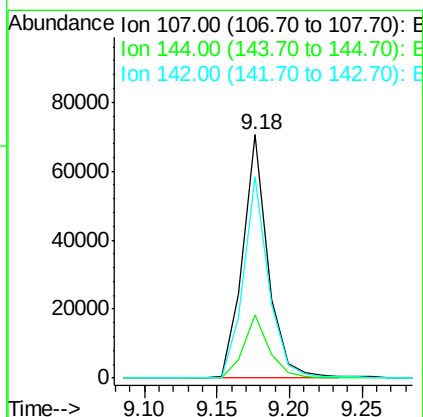
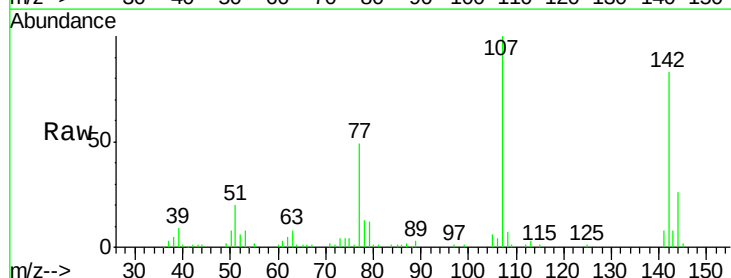
RT: 9.18 min Scan# 699

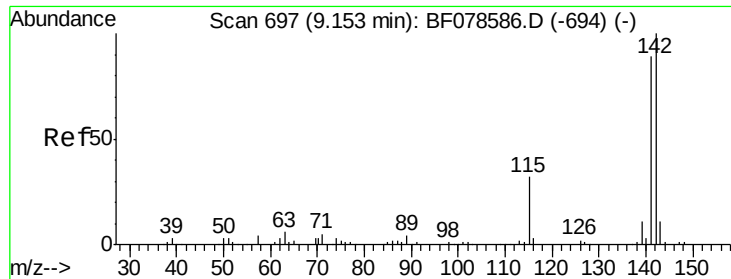
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	107	Resp:	85506
Ion Ratio	Lower	Upper	
107	100		
144	26.2	18.2	27.2
142	82.5	58.0	87.0





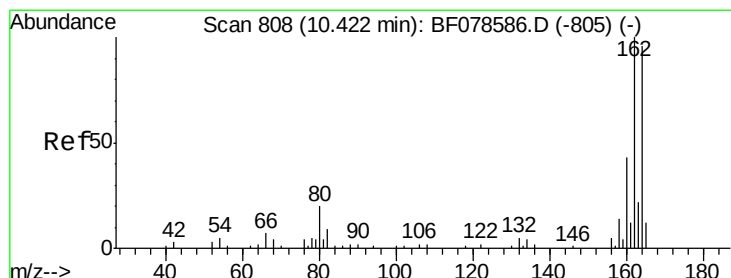
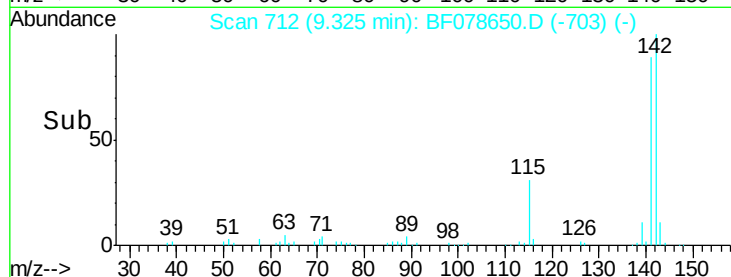
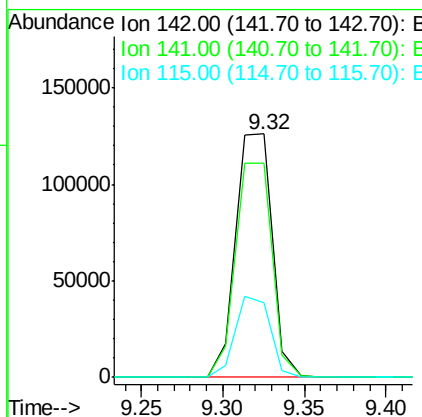
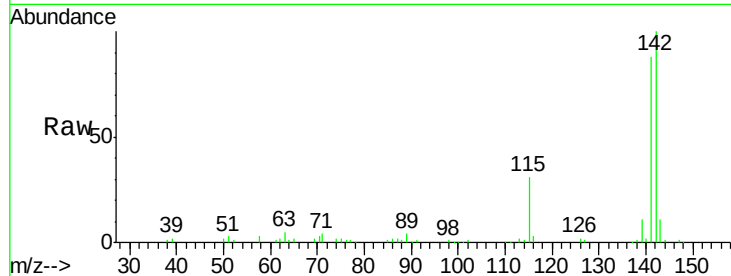
#37
 2-Methylnaphthalene
 Concen: 38.01 ng
 RT: 9.32 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	30.6	24.6	37.0

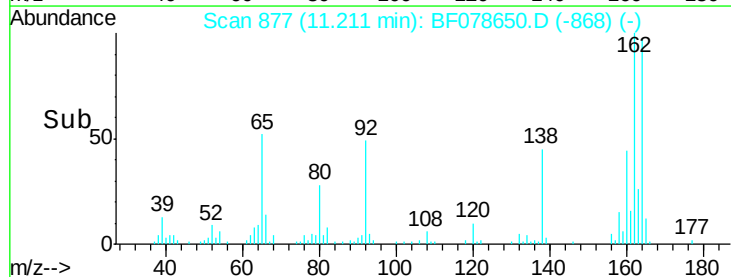
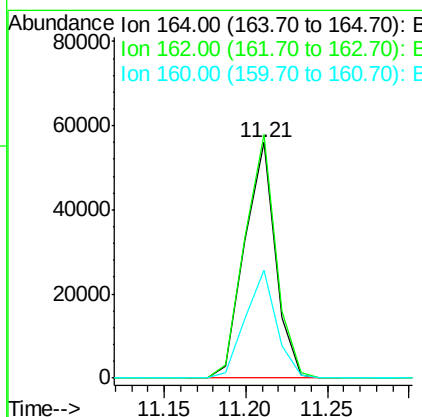
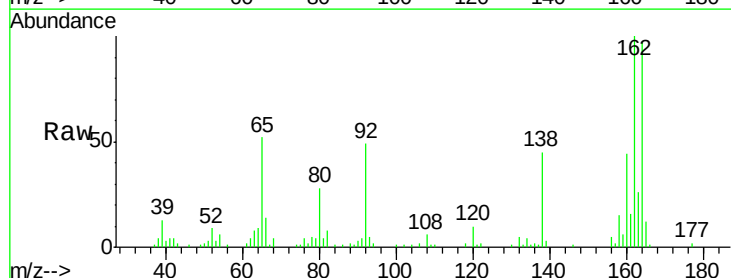
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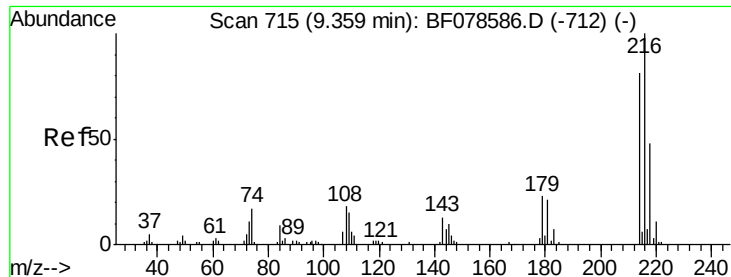
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	46.0	34.7	52.1





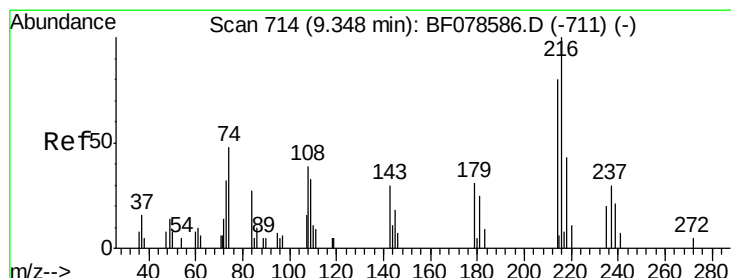
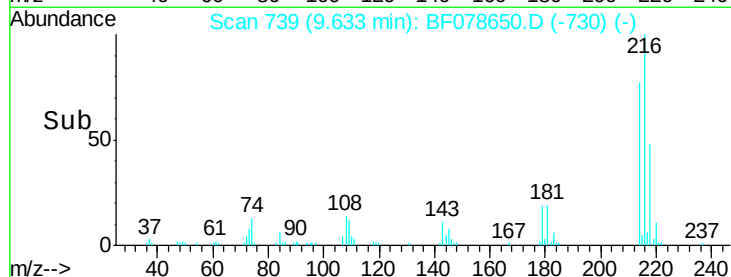
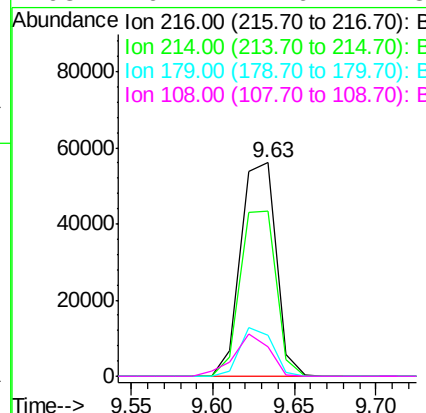
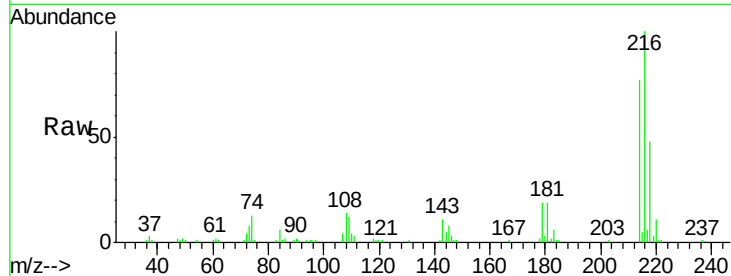
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.21 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.1	62.0	93.0		
179	21.3	17.3	25.9		
108	20.1	14.6	21.8		

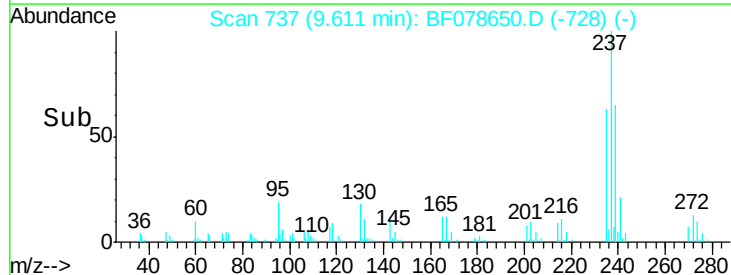
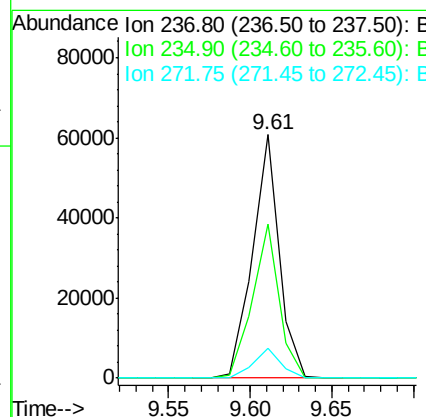
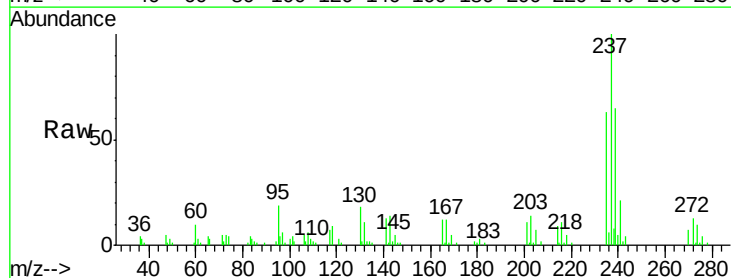
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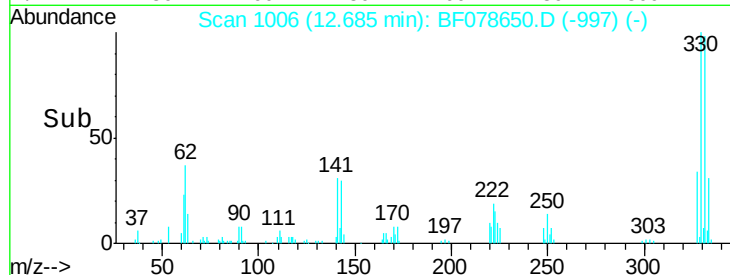
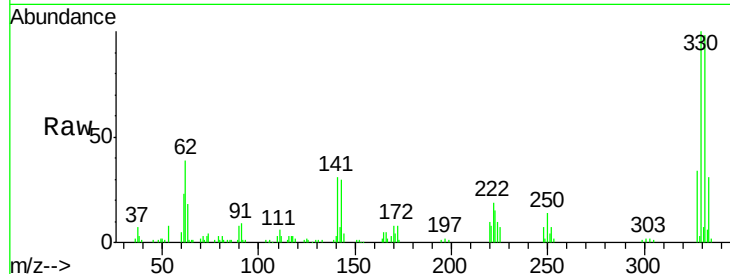
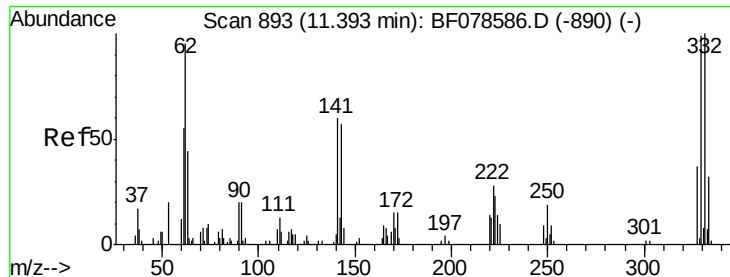
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#40
 Hexachlorocyclopentadiene
 Concen: 71.44 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4	44.1	84.1		
272	12.5	0.0	34.4		





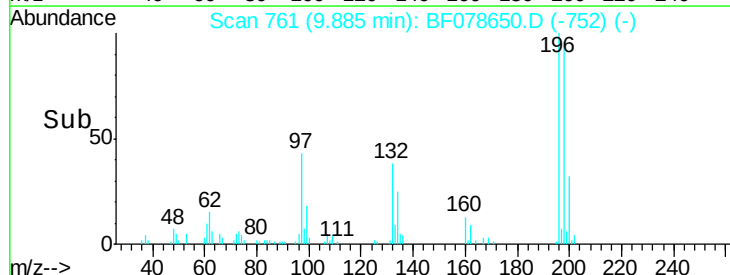
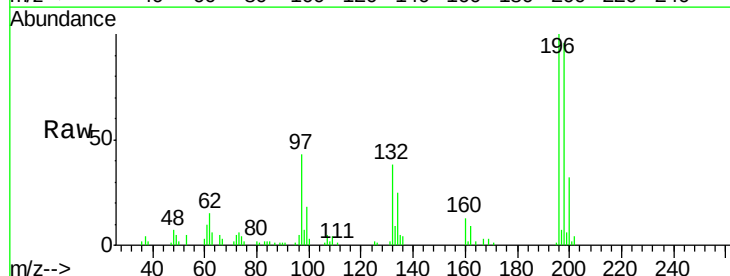
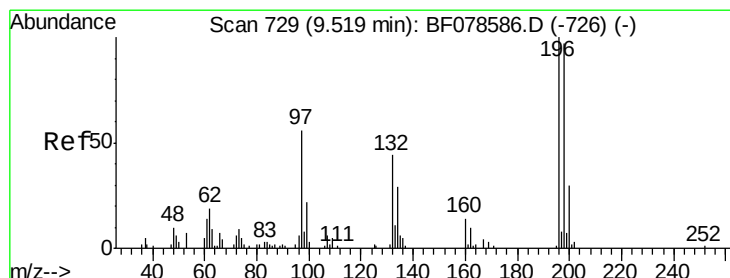
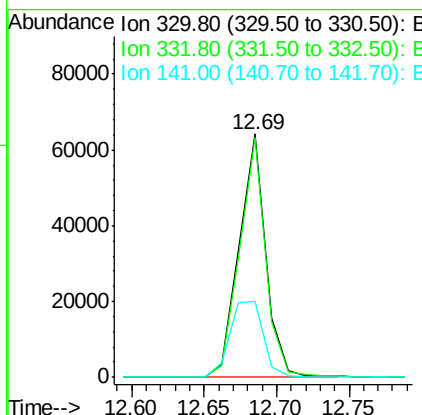
#41
 2,4,6-Tribromophenol
 Concen: 135.44 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.6	117.8	
141	38.8	31.2	46.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

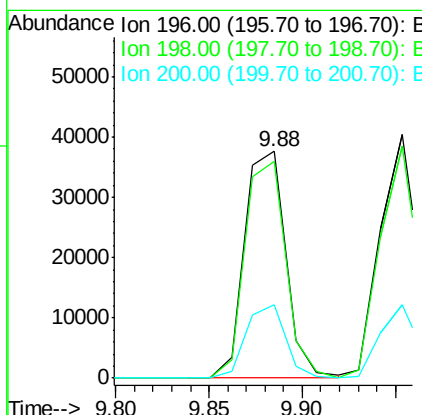
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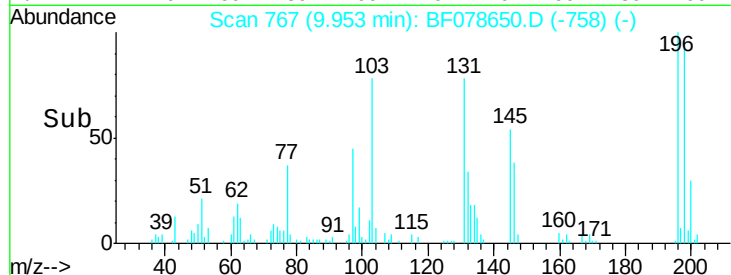
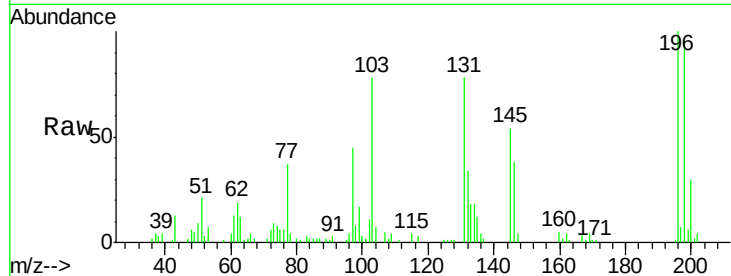
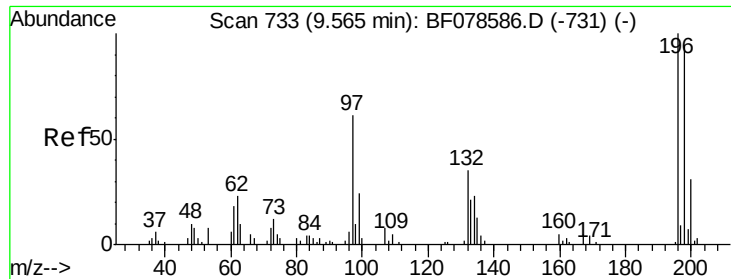
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#42
 2,4,6-Trichlorophenol
 Concen: 40.30 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

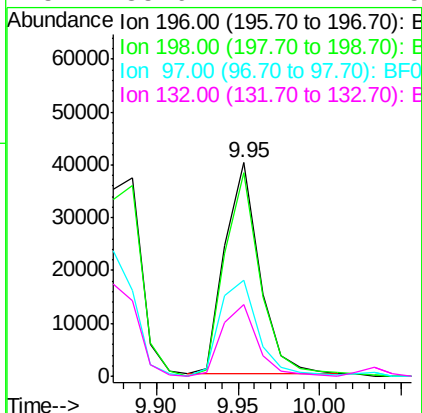
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.4	113.2	
200	32.3	24.0	36.0	





#43
2,4,5-Trichlorophenol
Concen: 39.44 ng
RT: 9.95 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

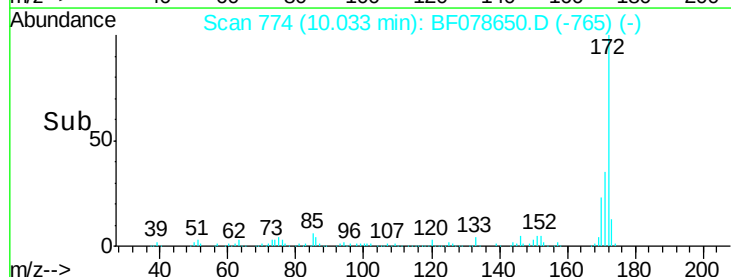
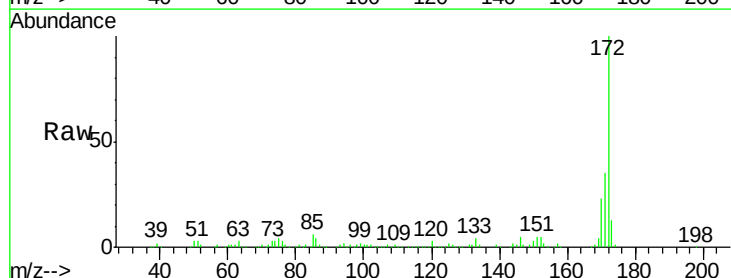
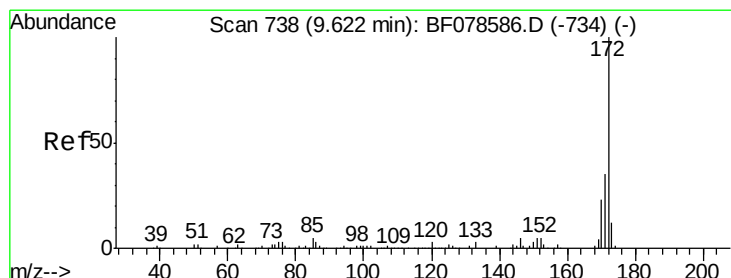
Tot Ion	196	Resp	58883
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.6	115.0
97	44.7	50.6	75.8#
132	33.6	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
PB82843BS

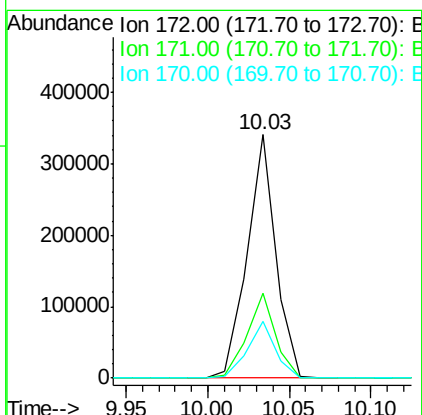
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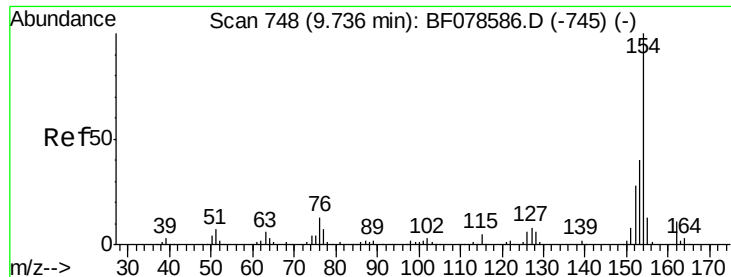
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#44
2-Fluorobiphenyl
Concen: 80.93 ng
RT: 10.03 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	172	Resp	414037
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	23.4	18.5	27.7





#45

1,1'-Biphenyl

Concen: 37.86 ng

RT: 10.19 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

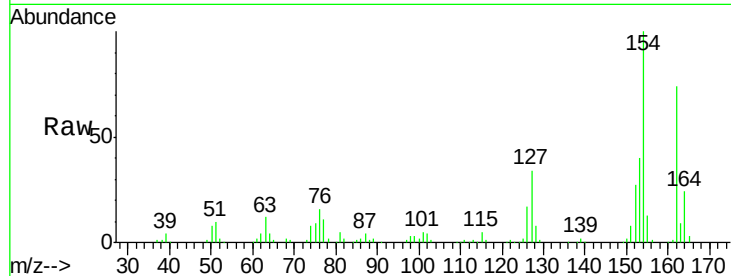
ClientSampleId :

PB82843BS

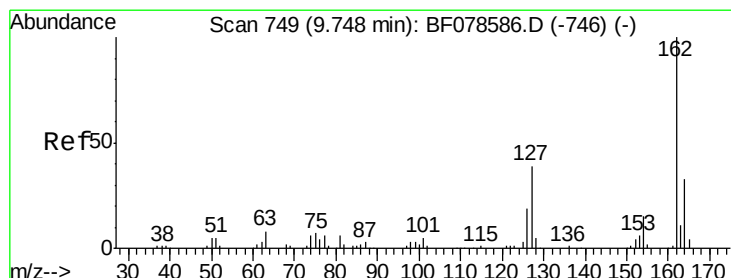
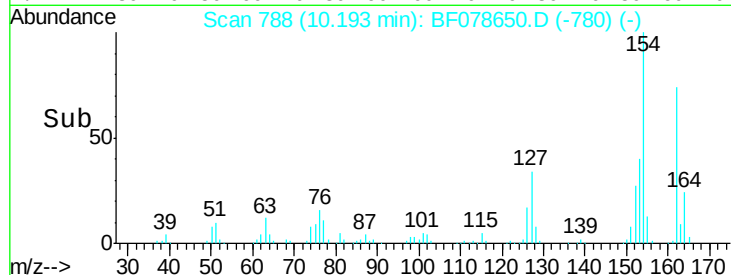
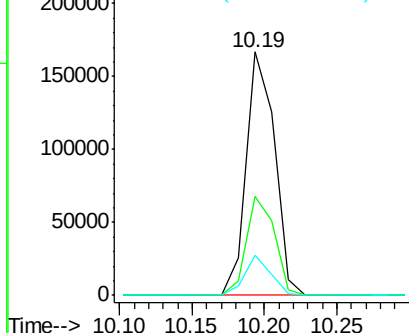
Tot Ion:	154	Resp:	226499
Ion Ratio		Lower	Upper
154	100		
153	40.5	20.0	60.0
76	16.3	0.0	30.6

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



#46

2-Chloronaphthalene

Concen: 37.51 ng

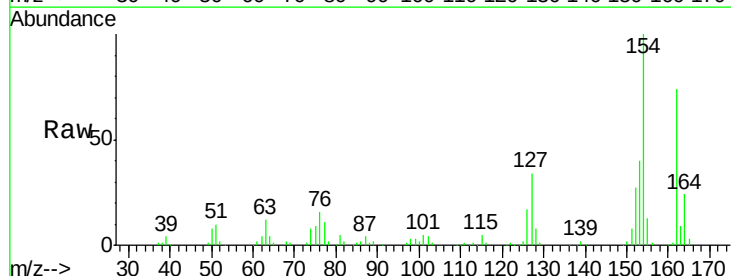
RT: 10.19 min Scan# 788

Delta R.T. -0.01 min

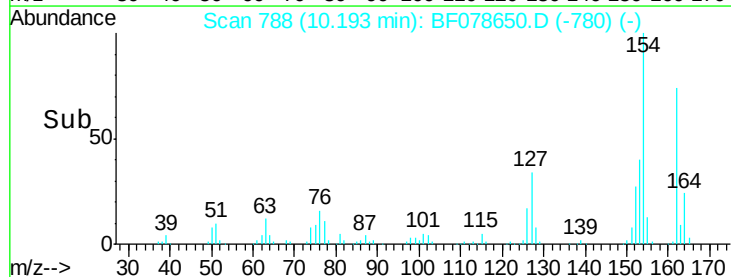
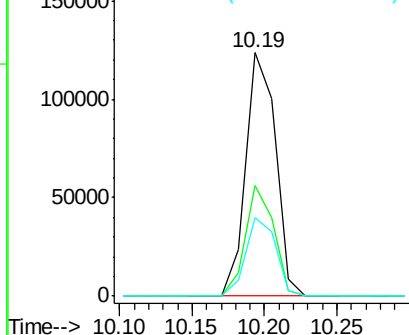
Lab File: BF078650.D

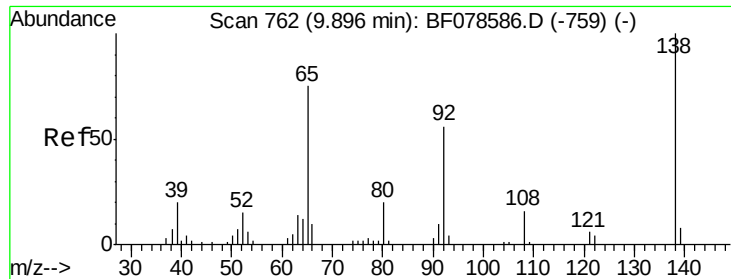
Acq: 20 Apr 2015 18:09

Tgt Ion:	162	Resp:	176545
Ion Ratio		Lower	Upper
162	100		
127	45.6	32.6	49.0
164	32.3	26.0	39.0



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





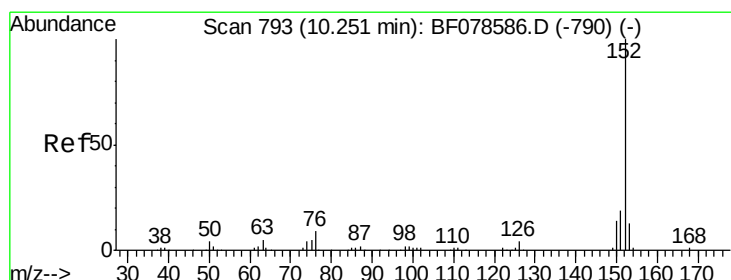
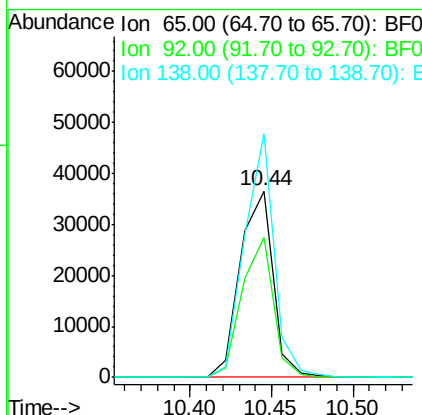
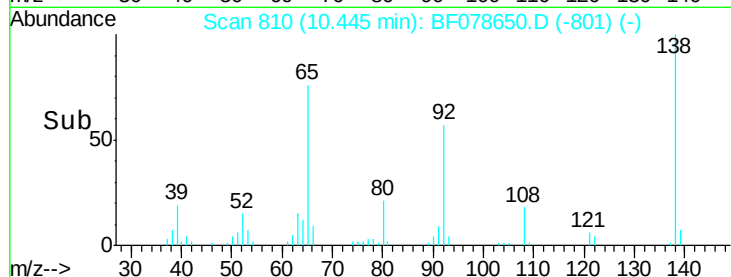
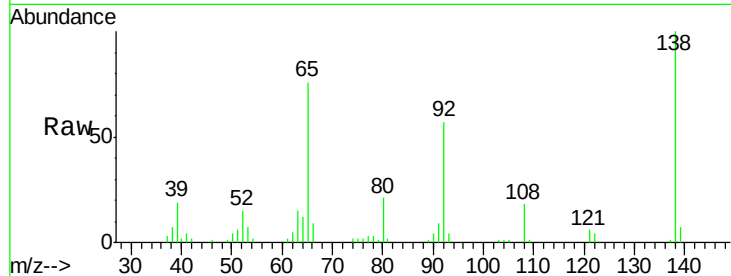
#47
 2-Nitroaniline
 Concen: 43.81 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	51.3	76.9
138	130.8	70.4	105.6

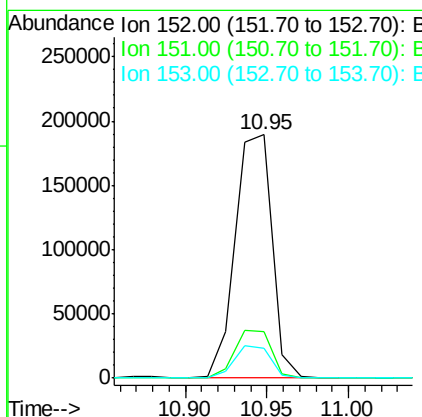
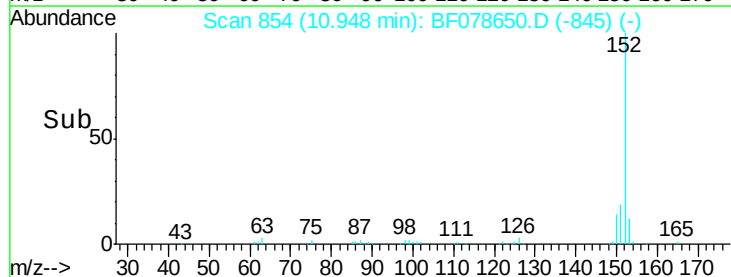
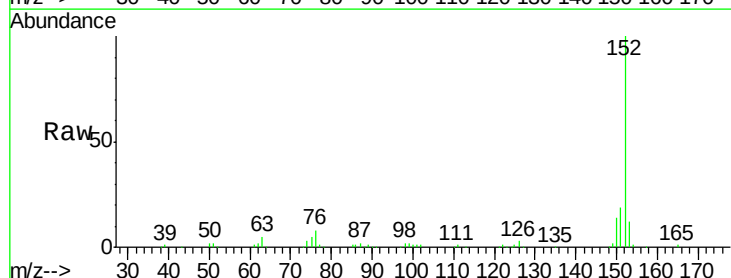
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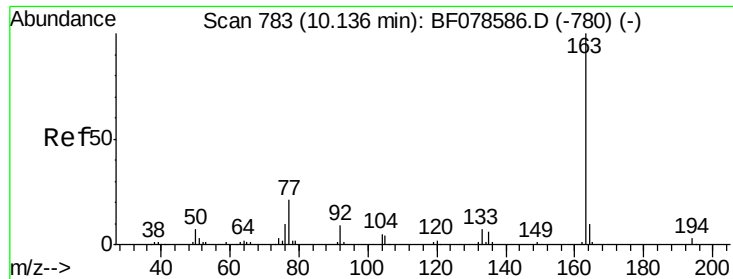
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#48
 Acenaphthylene
 Concen: 38.76 ng
 RT: 10.95 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.3	10.2	15.2





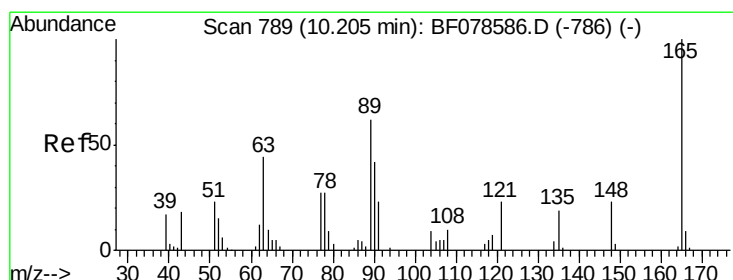
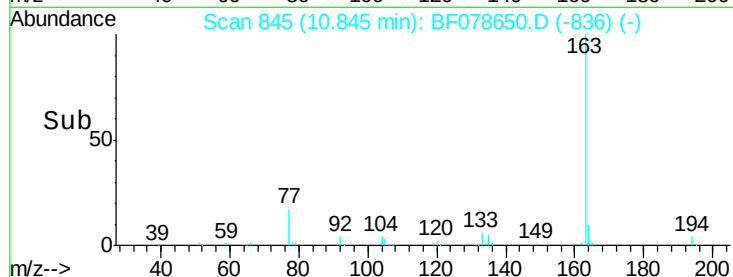
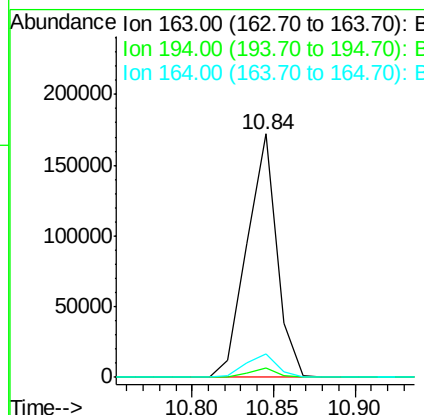
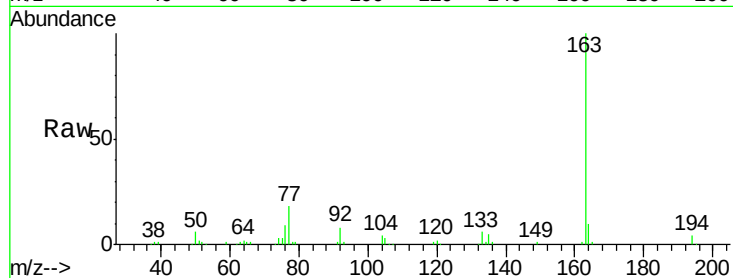
#49
Dimethylphthalate
Concen: 39.65 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	217855		
194	3.7	2.3	3.5#	
164	9.9	8.6	13.0	

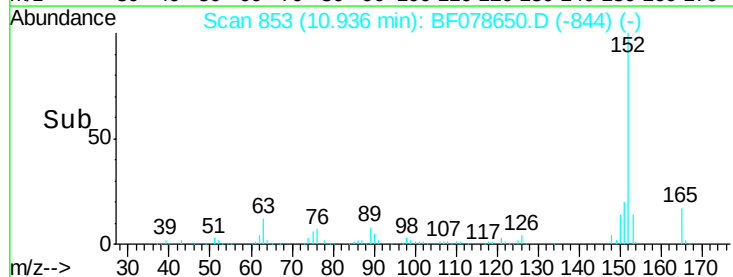
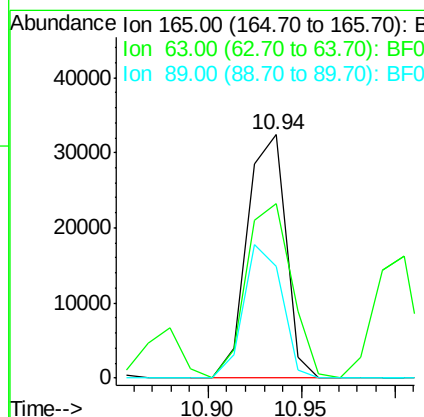
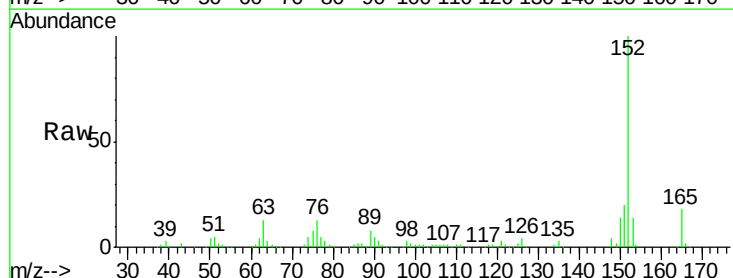
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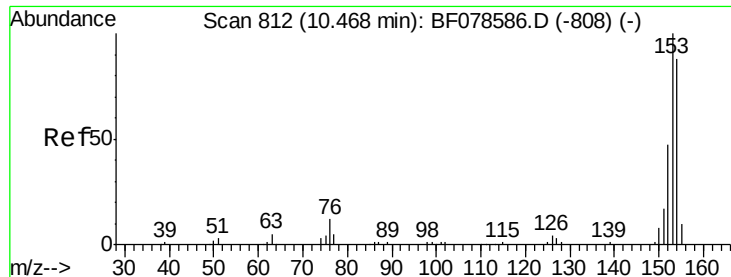
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#50
2,6-Dinitrotoluene
Concen: 41.00 ng
RT: 10.94 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	46344		
63	71.4	24.1	36.1#	
89	45.8	28.9	43.3#	





#51

Acenaphthene

Concen: 39.33 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

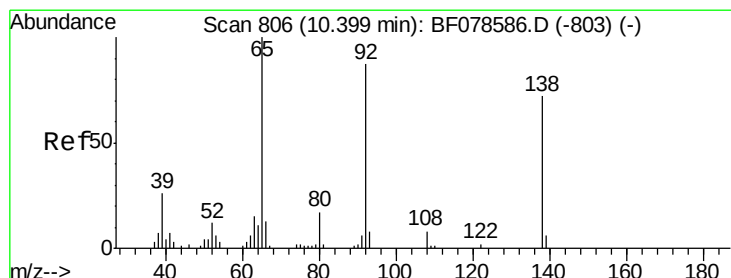
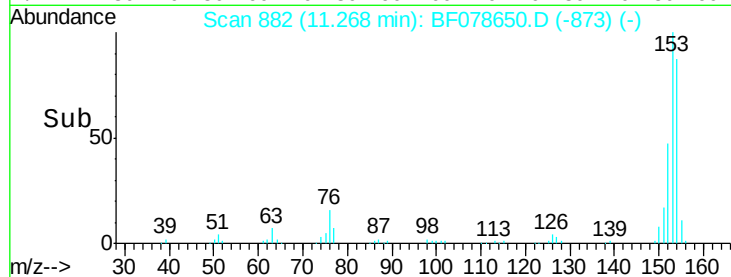
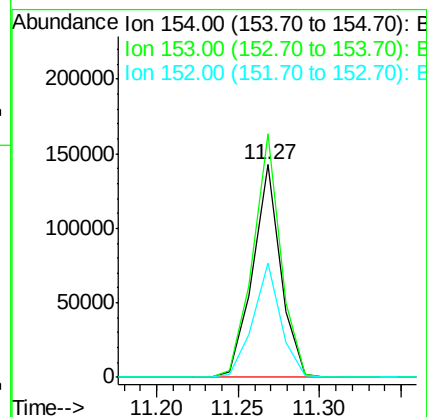
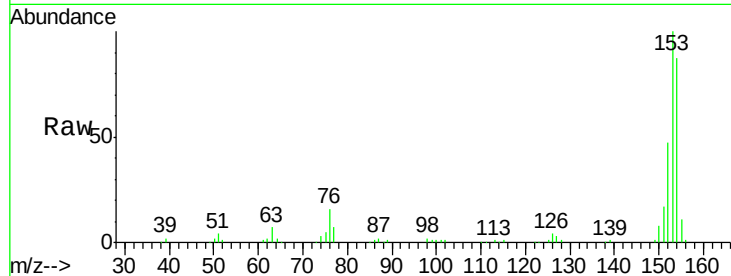
ClientSampleId :

PB82843BS

Tot Ion:	154	Resp:	168285
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.4	137.2
152	53.8	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.89 ng

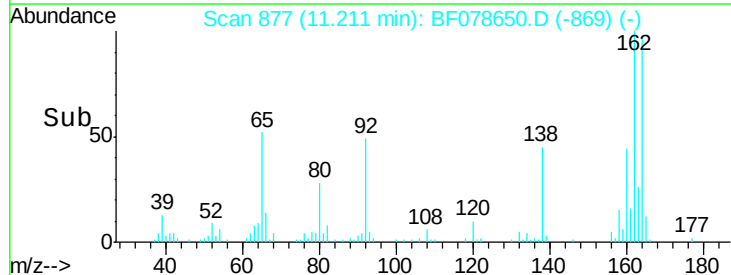
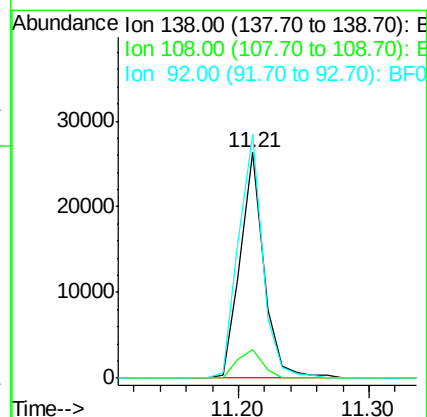
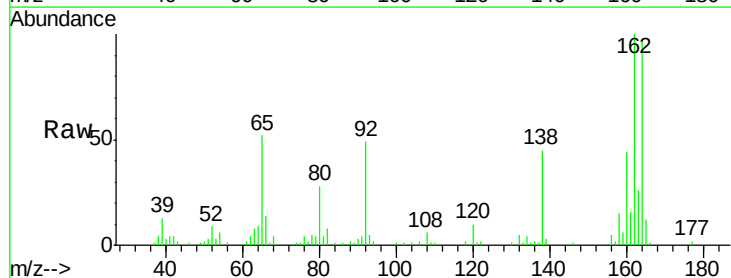
RT: 11.21 min Scan# 877

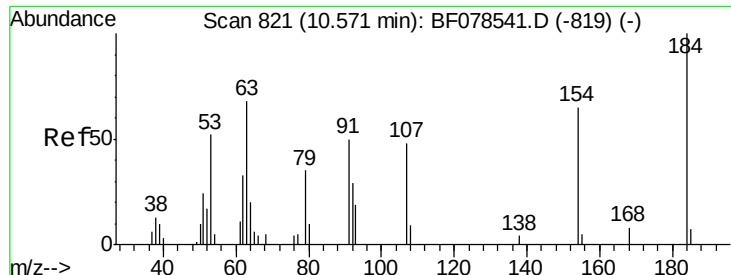
Delta R.T. -0.01 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	138	Resp:	33273
Ion Ratio	Lower	Upper	
138	100		
108	12.8	8.2	12.4#
92	108.1	88.4	132.6





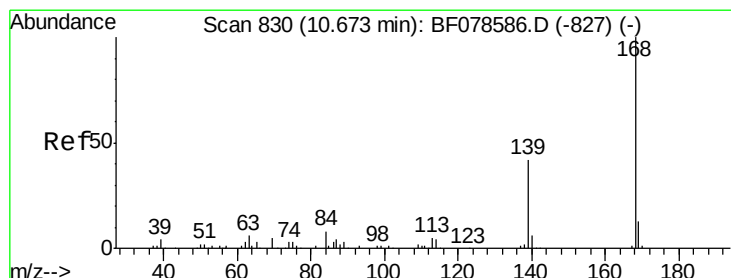
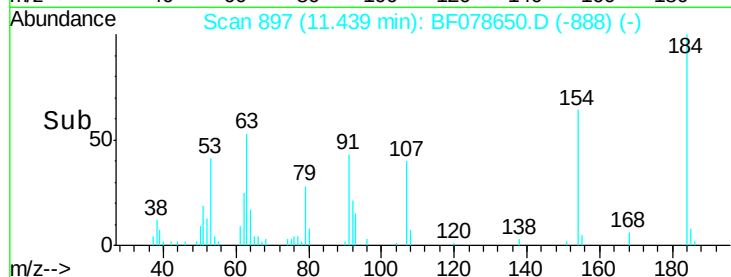
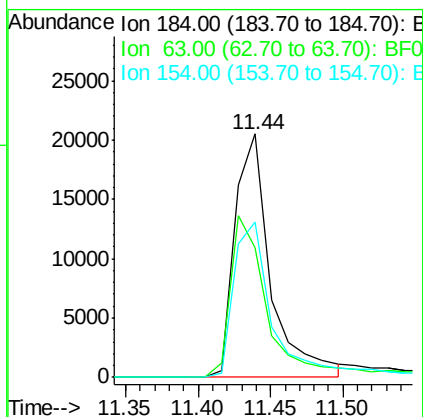
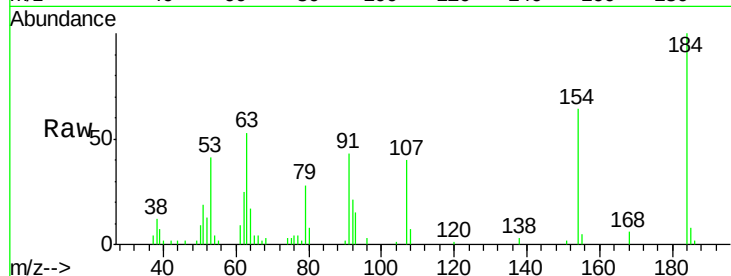
#53
2,4-Dinitrophenol
Concen: 79.96 ng
RT: 11.44 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampled :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	35143		
63	53.2		51.9	77.9
154	63.7		51.0	76.4

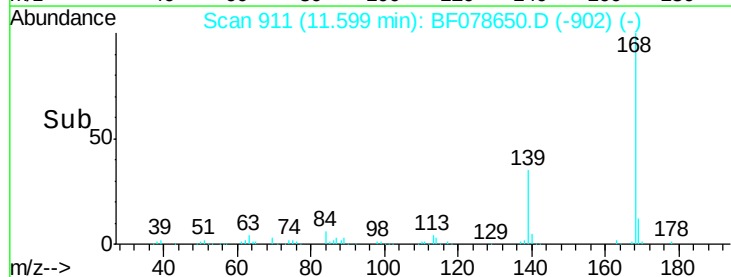
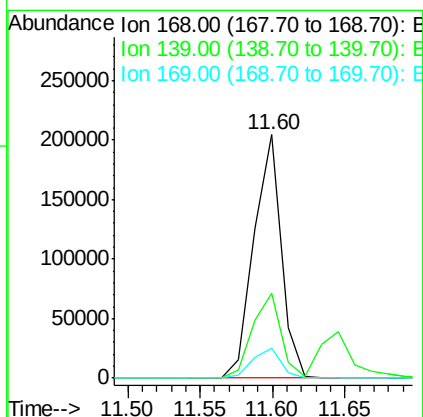
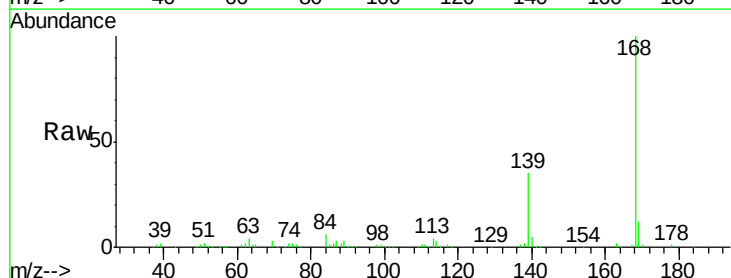
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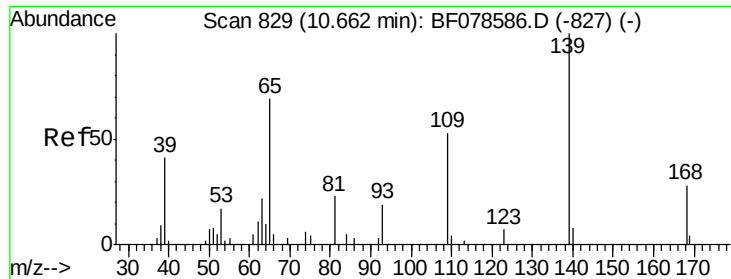
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#54
Dibenzofuran
Concen: 40.91 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	267346		
139	35.1		31.0	46.4
169	12.4		10.7	16.1





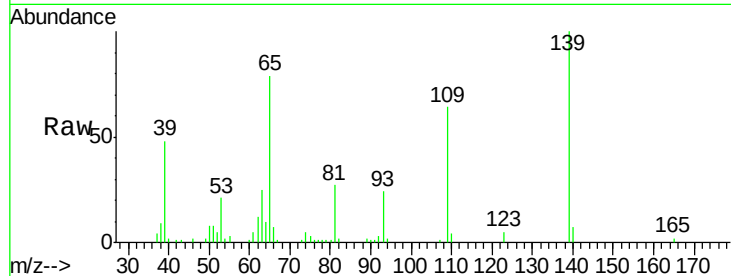
#55
4-Nitrophenol
Concen: 61.73 ng
RT: 11.65 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	57807		
109	63.9	36.7	76.7	
65	78.6	49.9	89.9	

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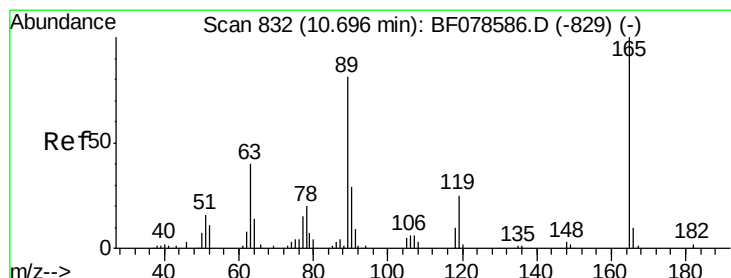
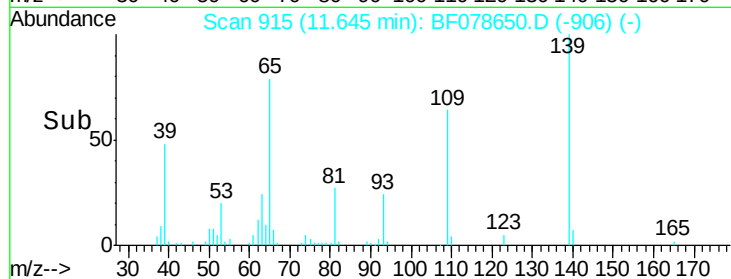
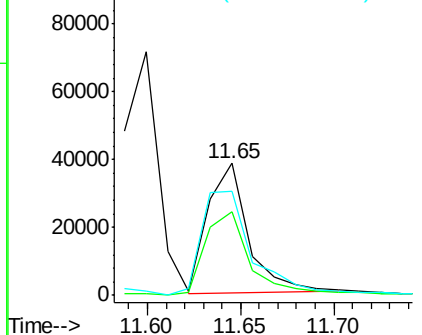


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 43.92 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64307		
63	44.6	26.5	39.7#	
89	71.8	46.4	69.6#	
182	2.4	2.0	3.0	

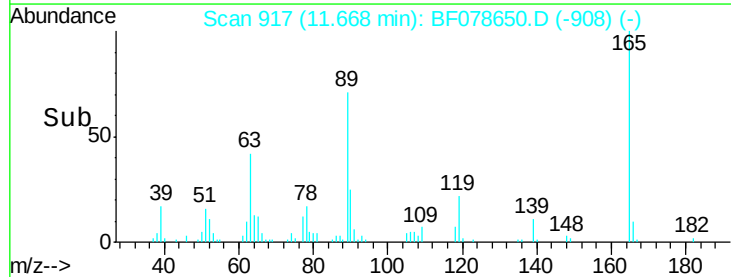
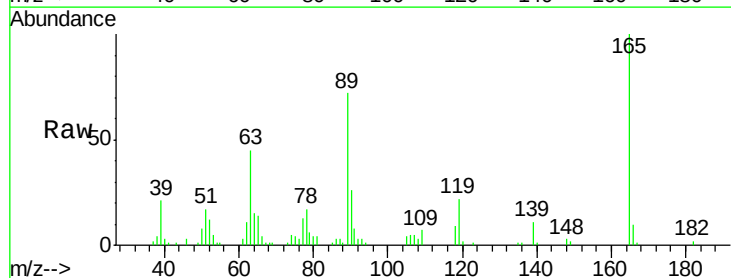
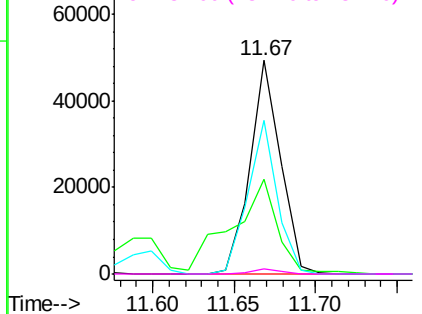
Abundance

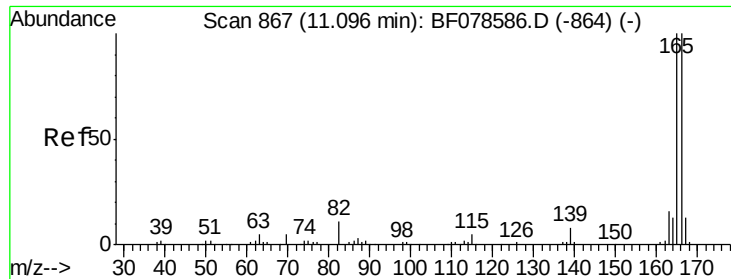
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





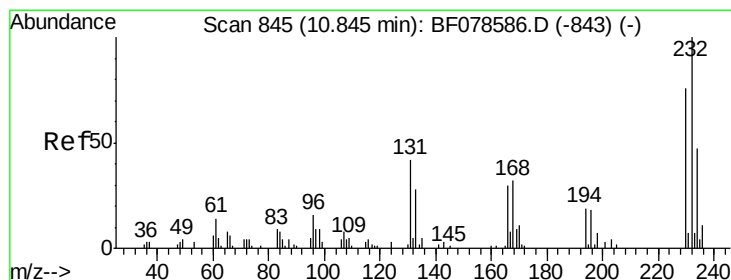
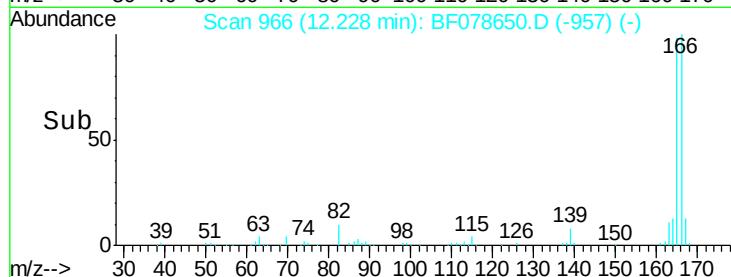
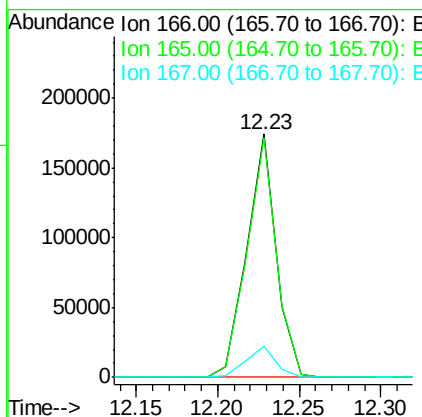
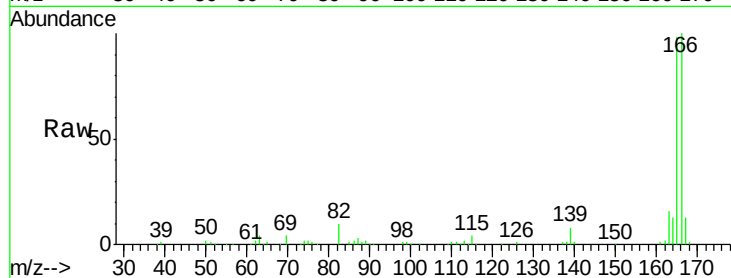
#57
 Fluorene
 Concen: 41.06 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

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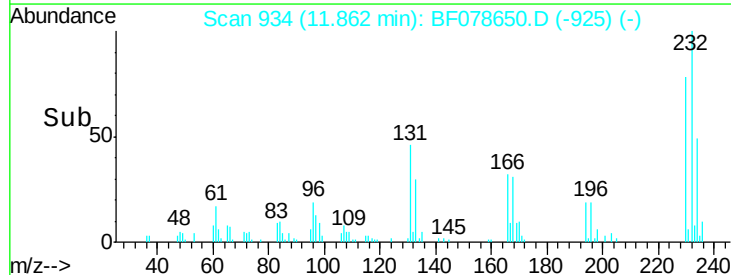
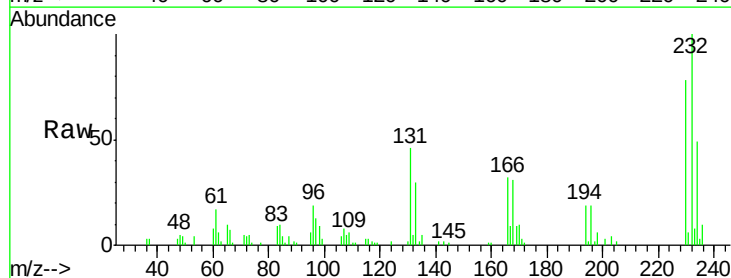
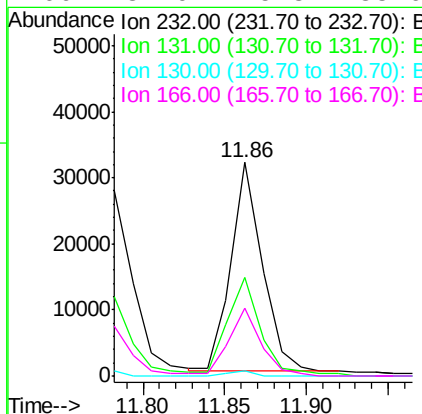
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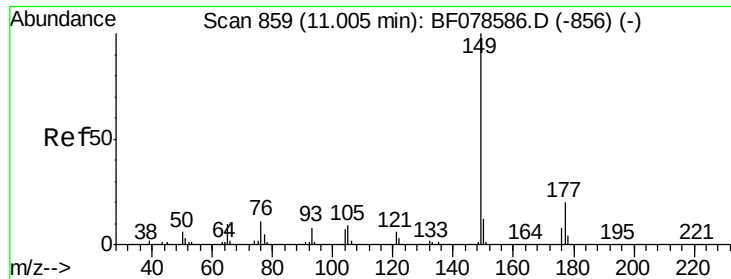
Tot Ion	Ratio	Resp	Lower	Upper
166	100	217508		
165	98.2	78.9	118.3	
167	13.0	10.7	16.1	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.81 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	41847		
131	46.9	37.8	56.8	
130	1.7	1.5	2.3	
166	34.0	25.8	38.6	





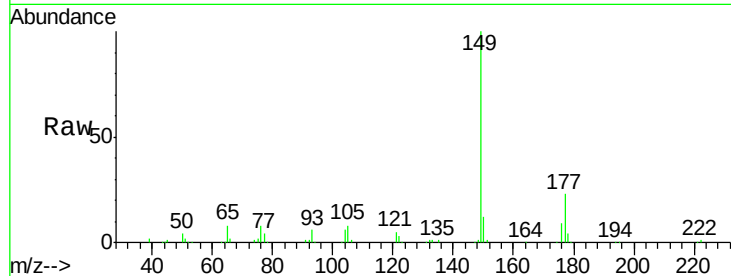
#59
Diethylphthalate
Concen: 41.02 ng
RT: 12.17 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

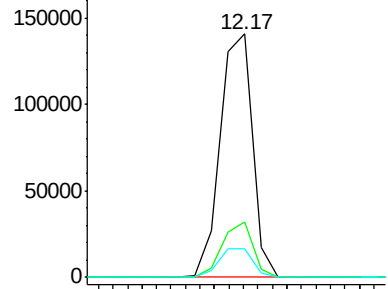
Tot Ion	Ratio	Resp	Lower	Upper
149	100	217300		
177	22.6	17.4	26.2	
150	11.9	9.4	14.2	

Manual Integrations
APPROVED

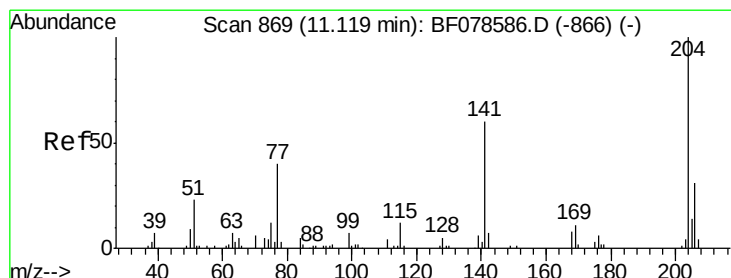
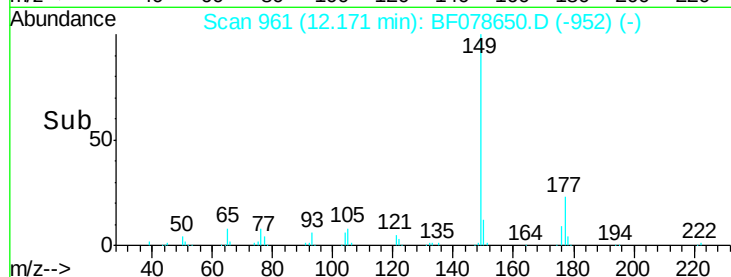
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

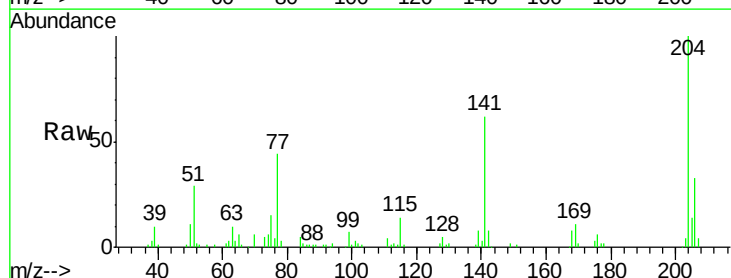


Time-->

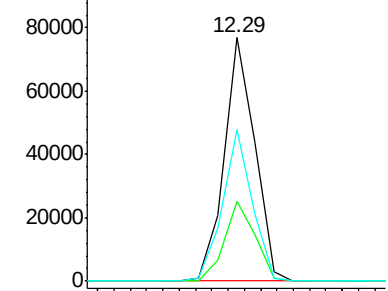


#60
4-Chlorophenyl-phenylether
Concen: 40.92 ng
RT: 12.29 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

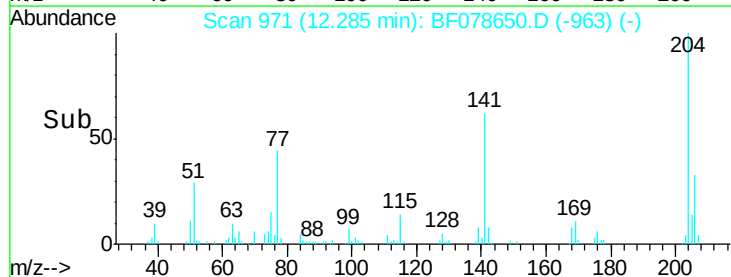
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	99732		
206	32.7	25.6	38.4	
141	62.3	35.4	53.0	

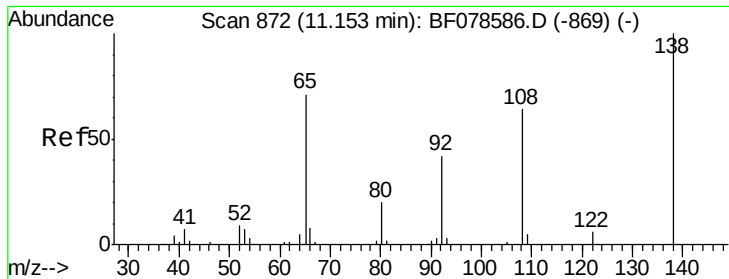


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





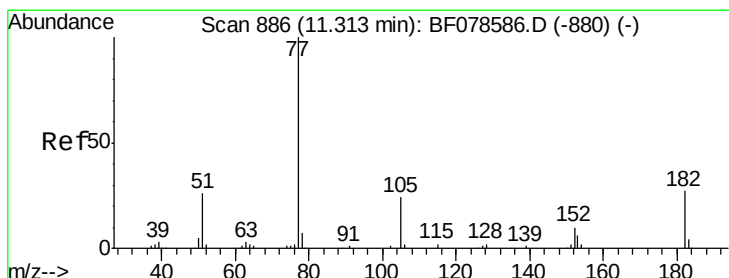
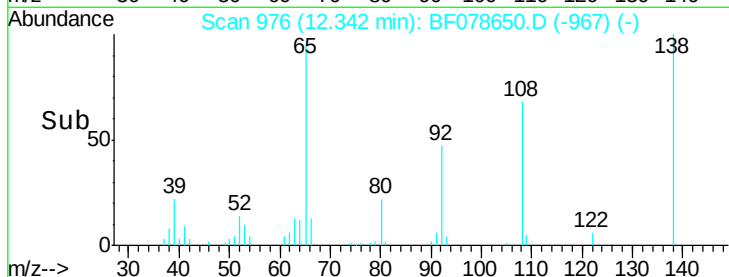
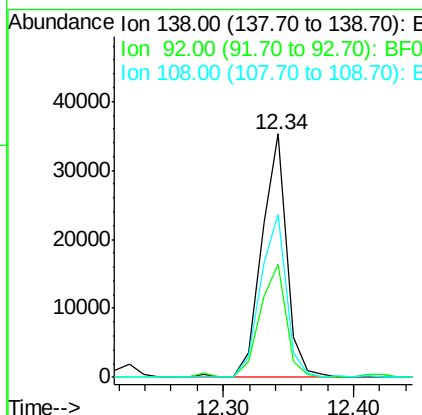
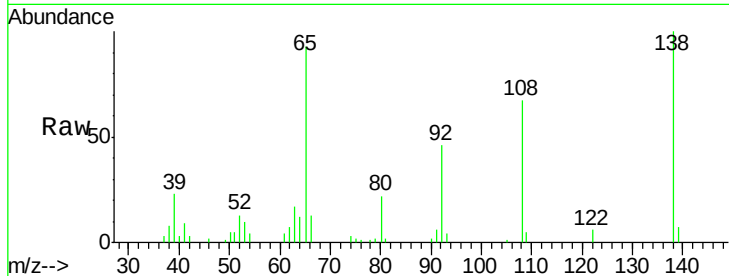
#61
4-Nitroaniline
Concen: 36.27 ng
RT: 12.34 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion:	138	Resp:	47123
Ion Ratio	Lower	Upper	
138	100		
92	46.2	27.3	67.3
108	67.2	47.2	87.2

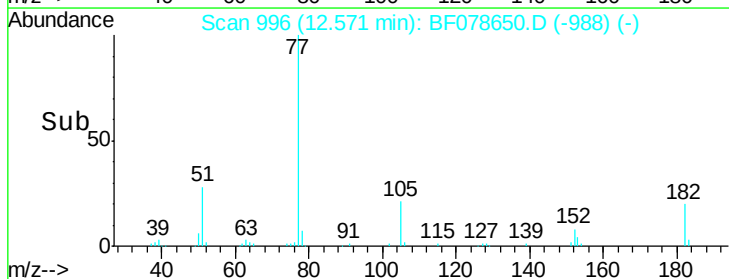
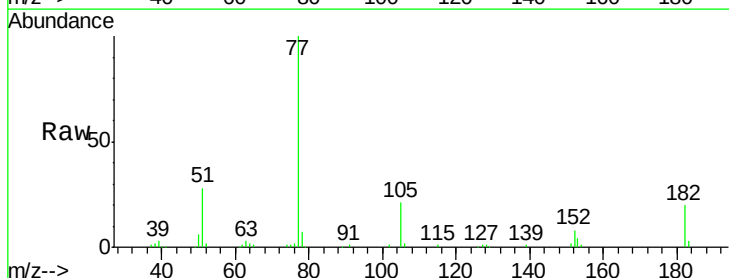
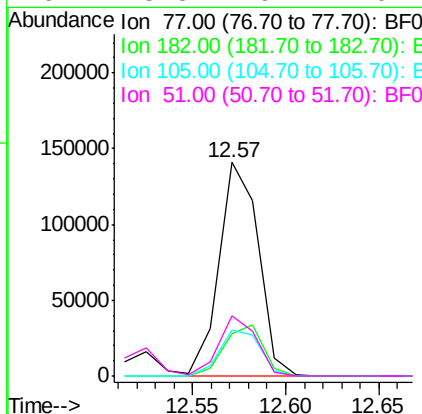
Manual Integrations
APPROVED

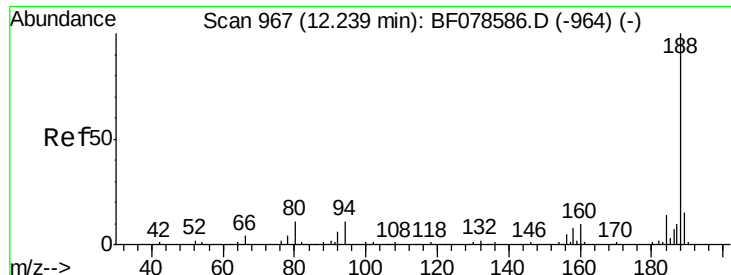
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4/21/2015 5:03:33 PM



#62
Azobenzene
Concen: 42.65 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion:	77	Resp:	206228
Ion Ratio	Lower	Upper	
77	100		
182	19.7	0.0	36.8
105	21.4	0.3	40.3
51	28.3	9.1	49.1





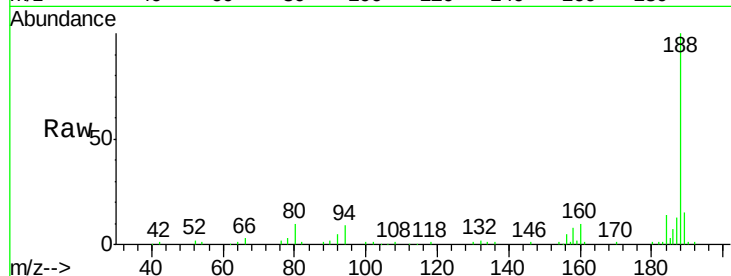
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.8	9.5	14.3

Manual Integrations
 APPROVED

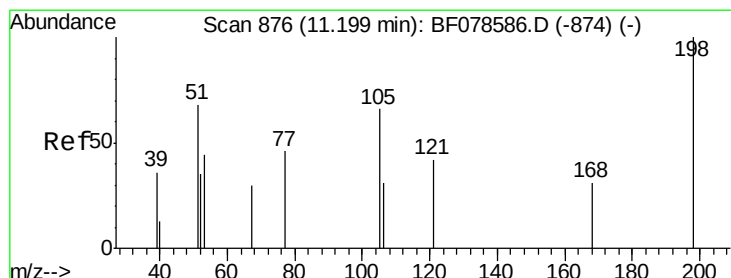
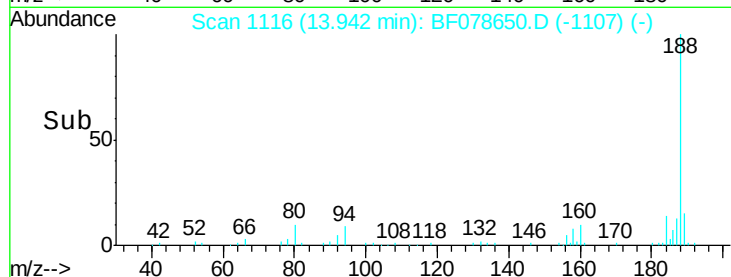
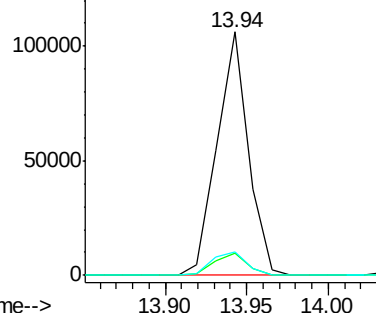
apatel
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



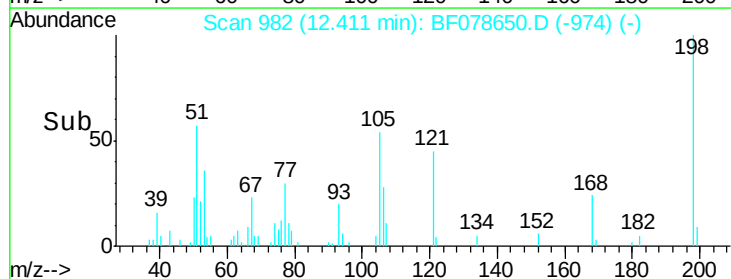
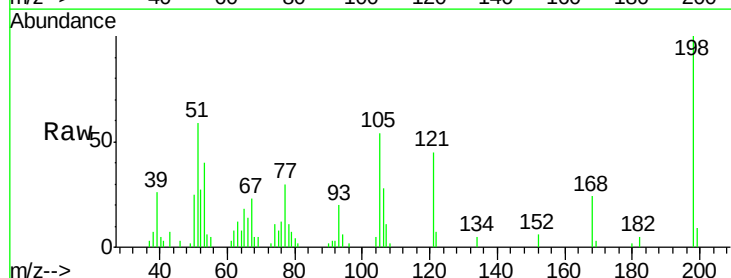
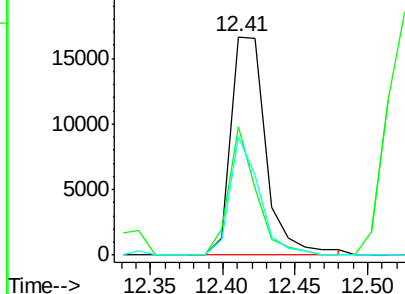
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.43 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

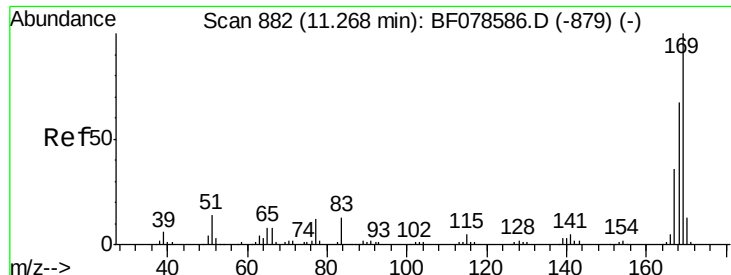
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.9	48.6	88.6
105	54.3	45.8	85.8

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





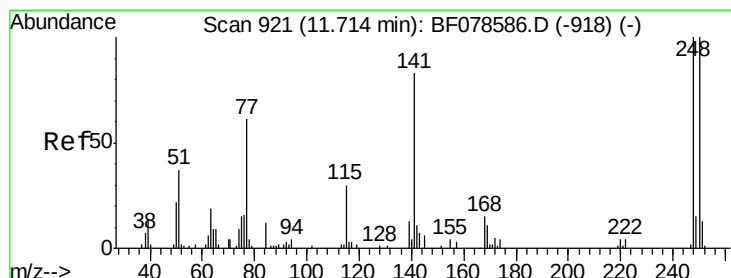
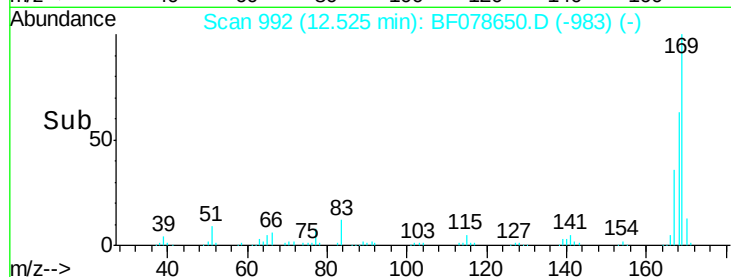
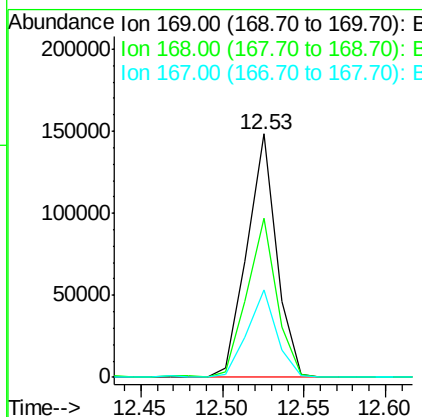
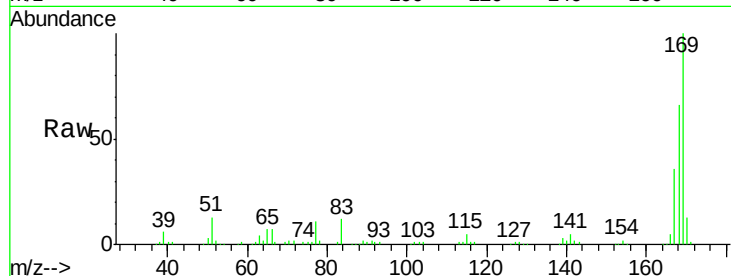
#65
 n-Nitrosodiphenylamine
 Concen: 38.20 ng
 RT: 12.53 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	186571		
168	65.6		55.0	82.4
167	35.8		29.3	43.9

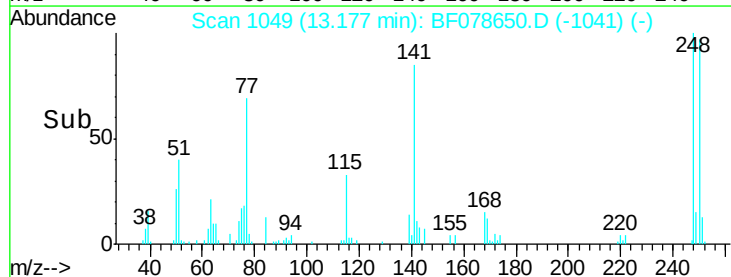
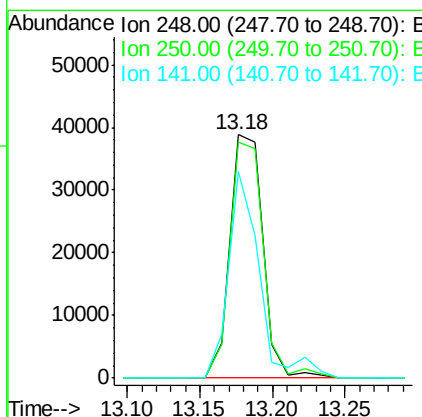
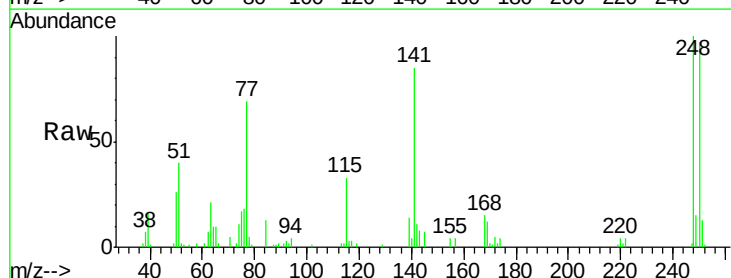
Manual Integrations
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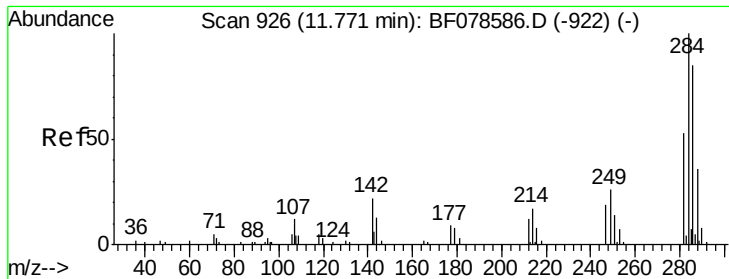
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#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 13.18 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	61240		
250	97.0		78.2	117.2
141	84.7		66.4	99.6





#67

Hexachlorobenzene

Concen: 38.52 ng

RT: 13.22 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

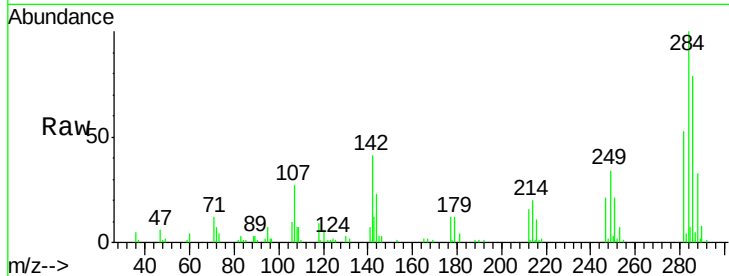
ClientSampleId :

PB82843BS

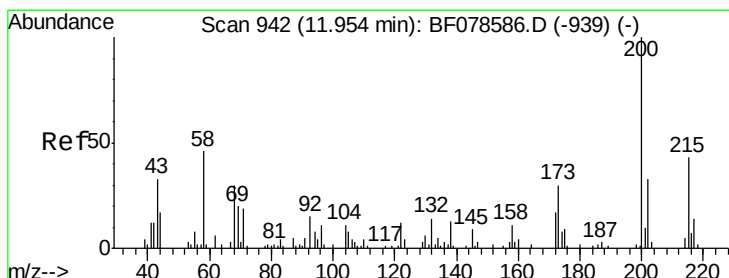
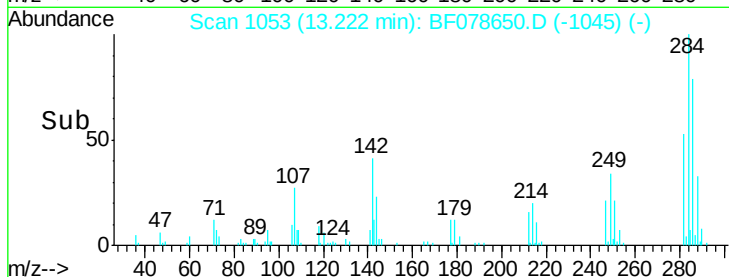
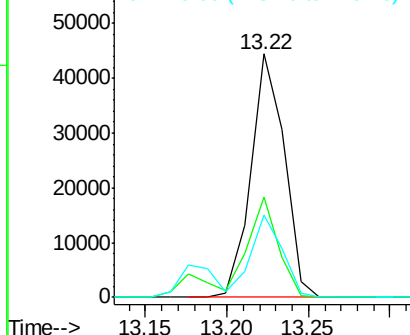
Tot Ion:	284	Resp:	63118
Ion Ratio	Lower	Upper	
284	100		
142	41.2	24.5	36.7#
249	33.6	24.8	37.2

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



#68

Atrazine

Concen: 49.69 ng

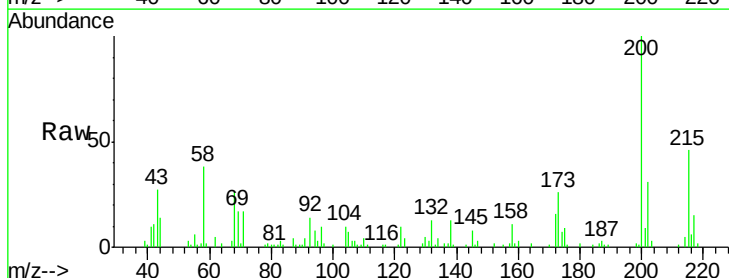
RT: 13.60 min Scan# 1086

Delta R.T. 0.00 min

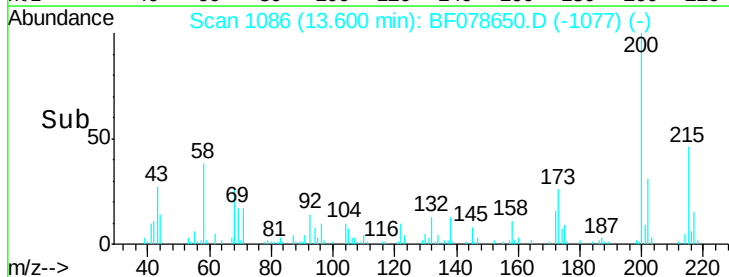
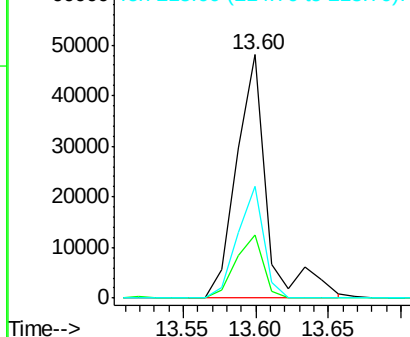
Lab File: BF078650.D

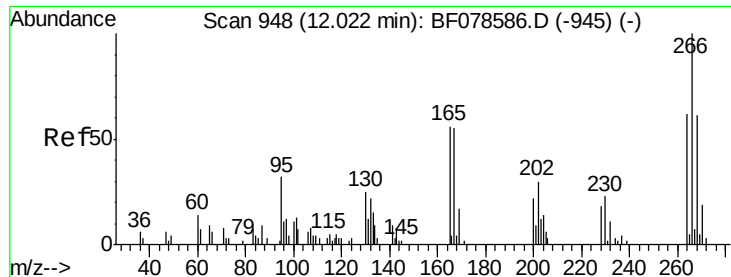
Acq: 20 Apr 2015 18:09

Tgt Ion:	200	Resp:	70287
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.9	46.9
215	45.8	27.1	67.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





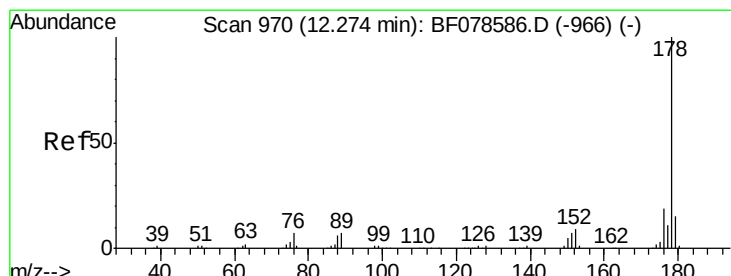
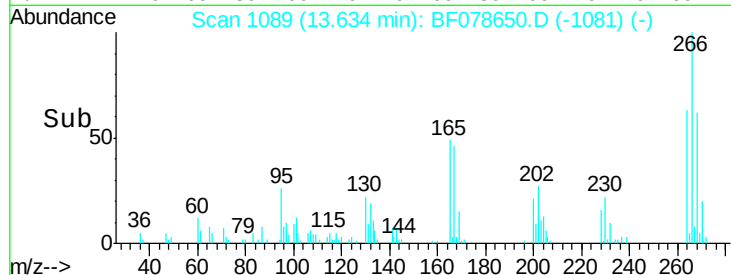
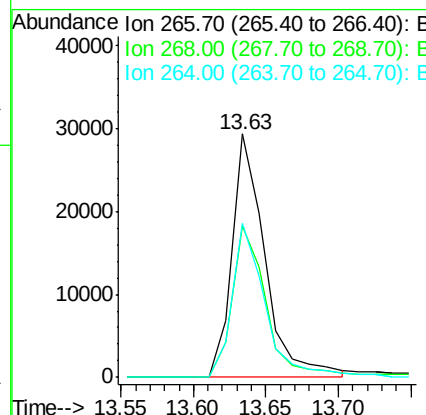
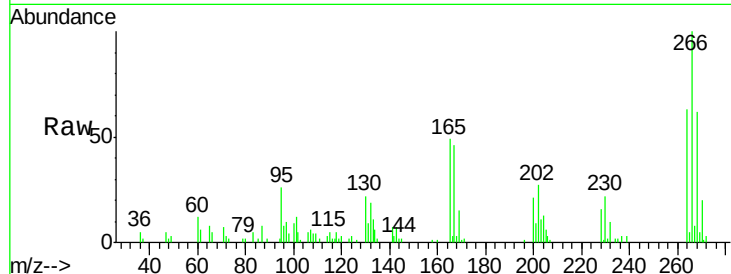
#69
 Pentachlorophenol
 Concen: 65.30 ng
 RT: 13.63 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	46301		
268	62.3	50.1	75.1	
264	63.1	50.0	75.0	

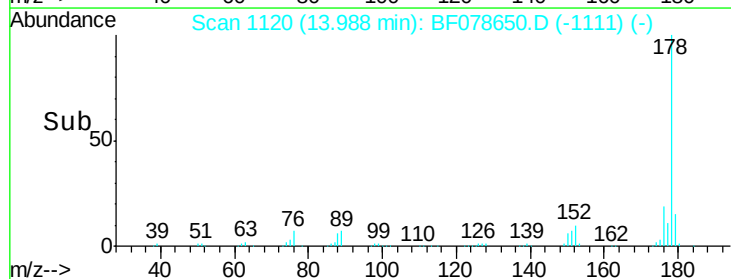
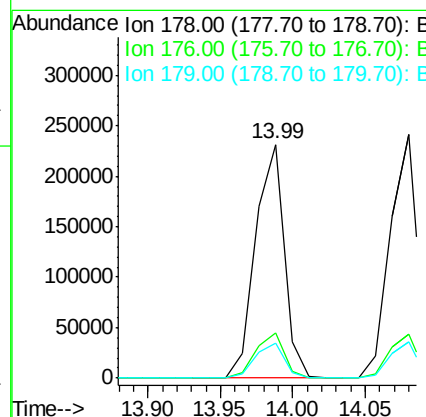
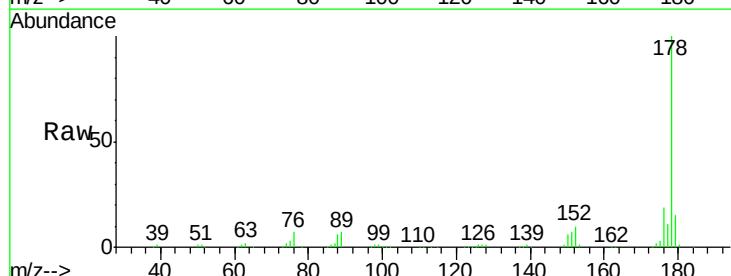
Manual Integrations
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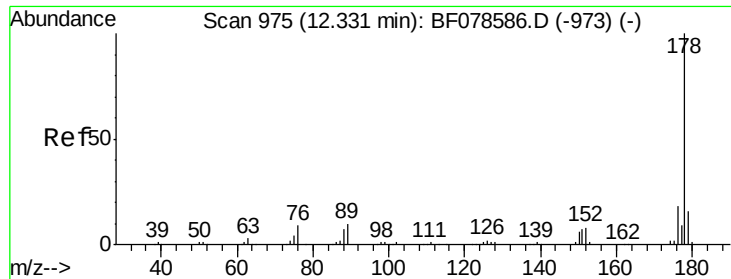
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#70
 Phenanthrene
 Concen: 39.10 ng
 RT: 13.99 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	319329		
176	19.3	15.4	23.0	
179	14.8	12.2	18.2	





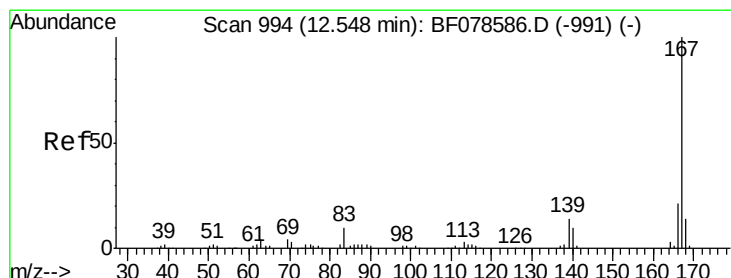
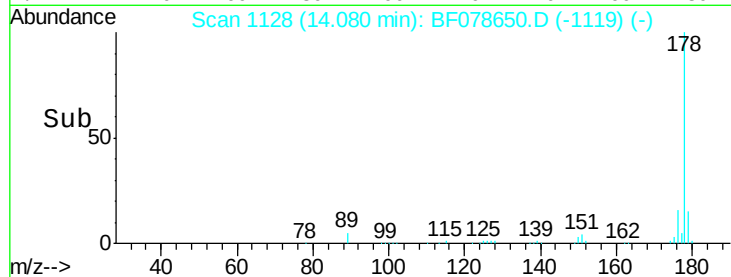
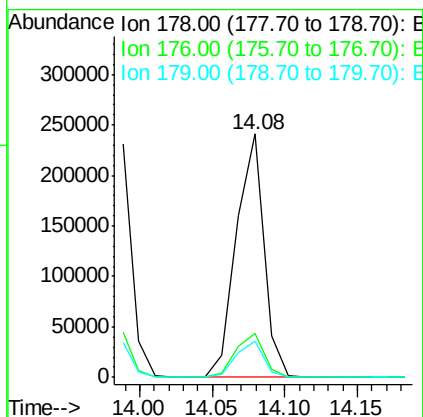
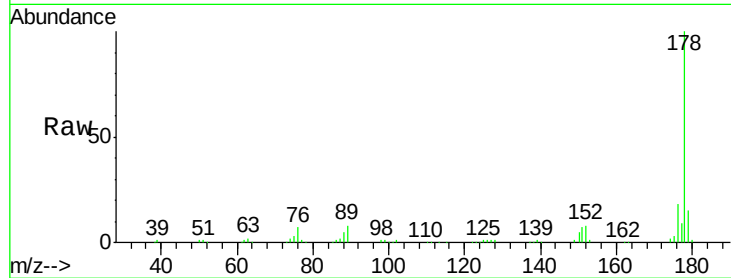
#71
 Anthracene
 Concen: 39.86 ng
 RT: 14.08 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.0	12.4	18.6

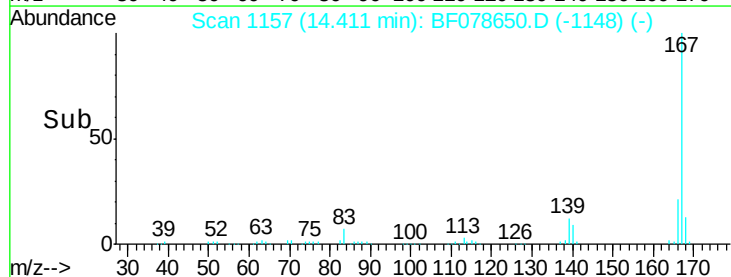
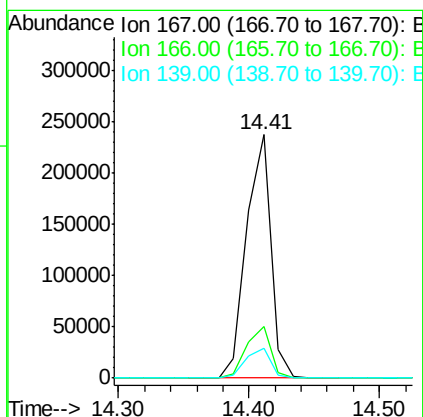
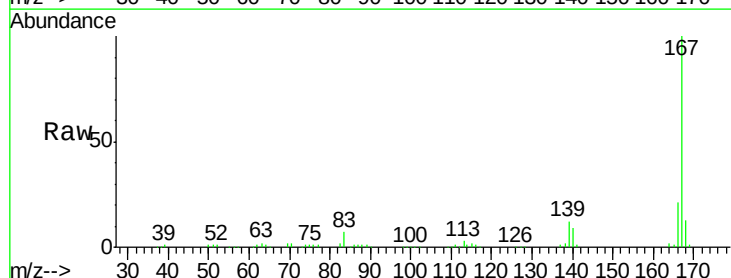
Manual Integrations
 APPROVED

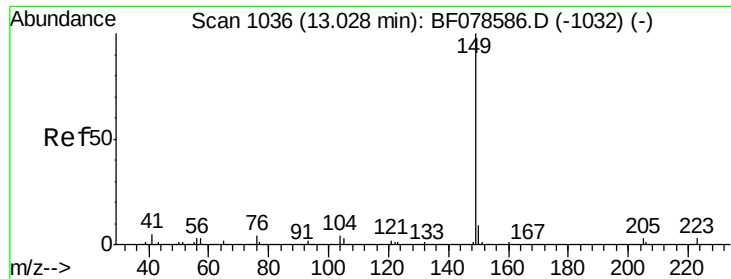
apatel
 4/21/2015 5:03:33 PM



#72
 Carbazole
 Concen: 41.15 ng
 RT: 14.41 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.1	10.0	15.0





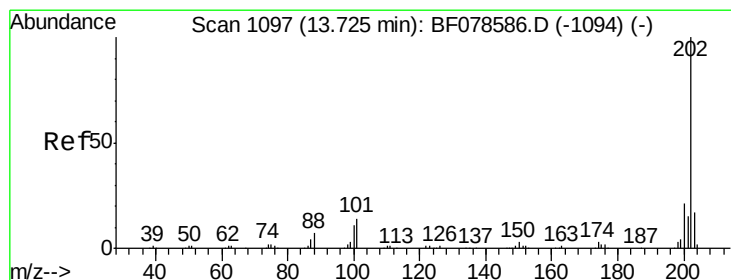
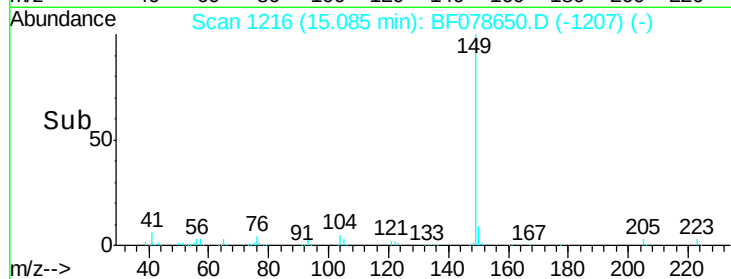
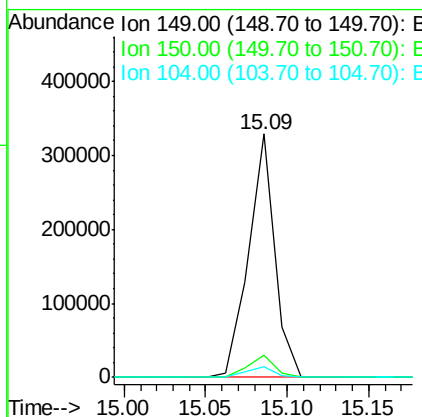
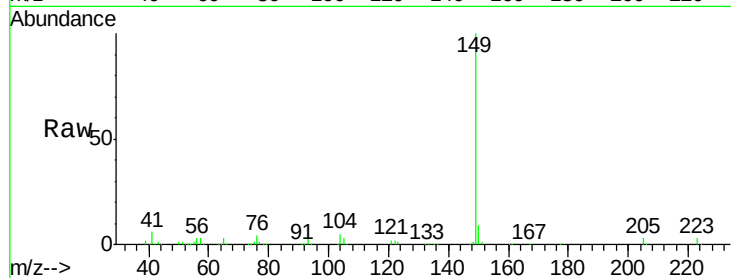
#73
Di-n-butylphthalate
Concen: 42.68 ng
RT: 15.09 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	364614		
150	9.0	7.1	10.7	
104	4.5	3.8	5.6	

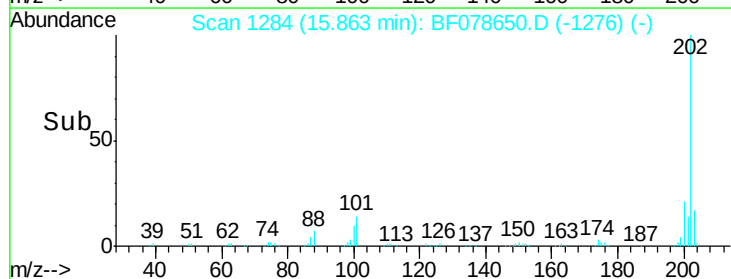
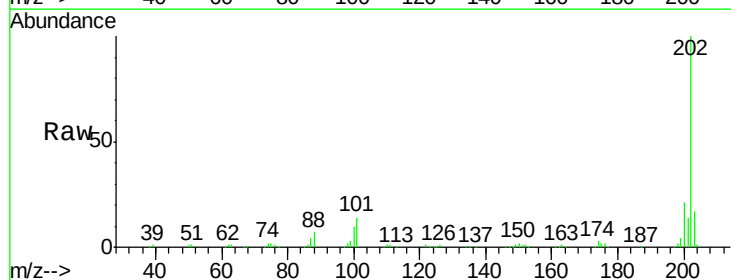
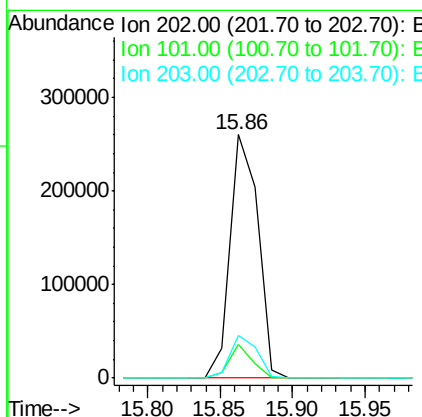
Manual Integrations
APPROVED

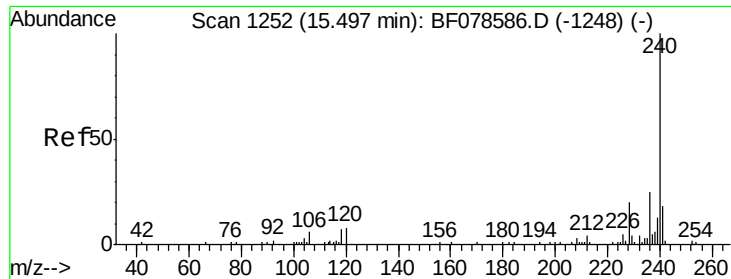
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#74
Fluoranthene
Concen: 40.40 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	347925		
101	13.6	0.0	35.2	
203	17.4	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

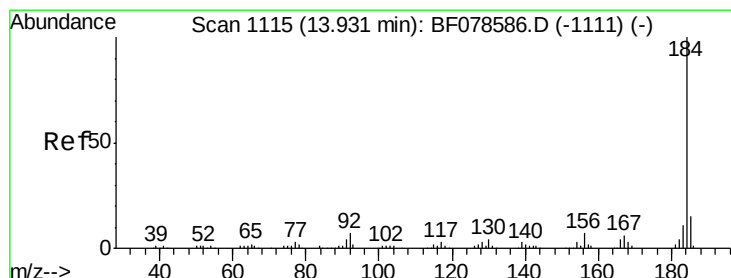
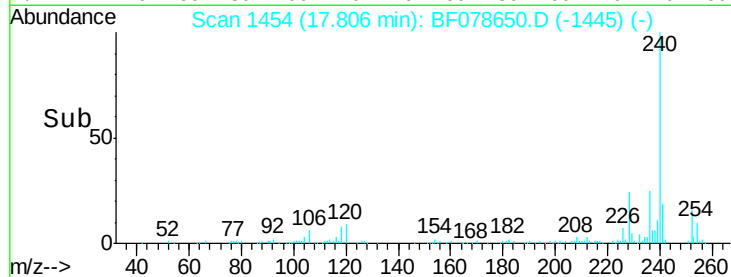
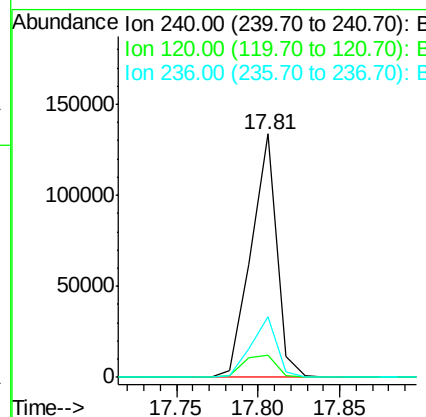
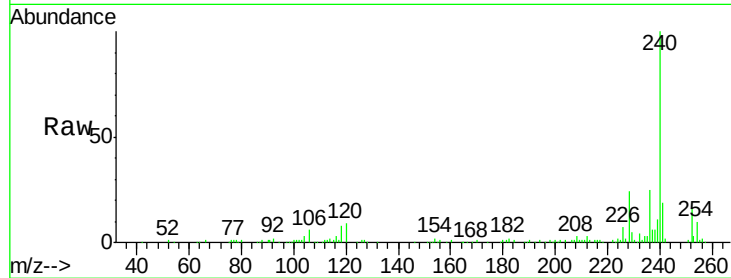
ClientSampleId :

PB82843BS

Tot Ion:	240	Resp:	145837
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.1	10.7
236	25.0	21.4	32.2

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#76

Benzidine

Concen: 19.63 ng

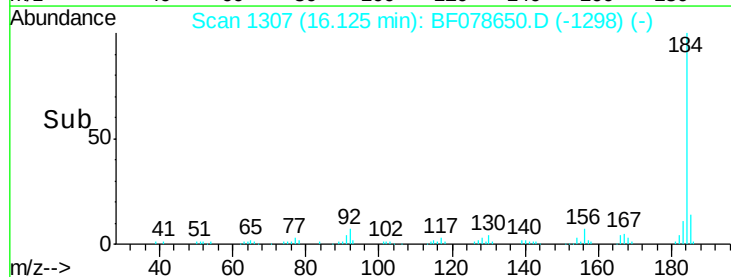
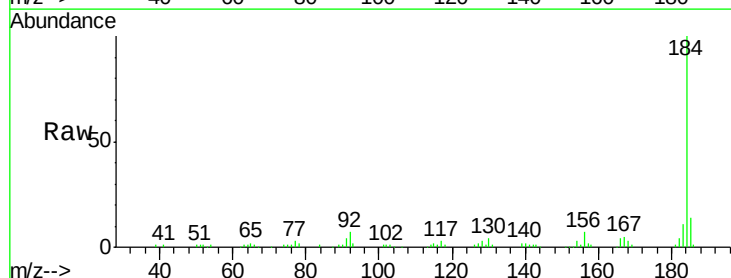
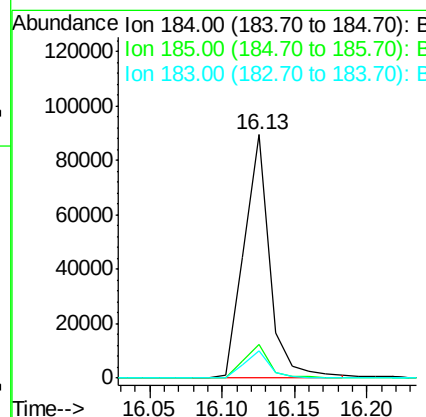
RT: 16.13 min Scan# 1307

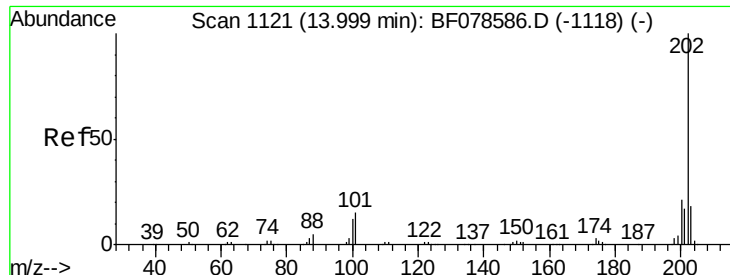
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	184	Resp:	110246
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.2	18.2
183	11.4	9.5	14.3





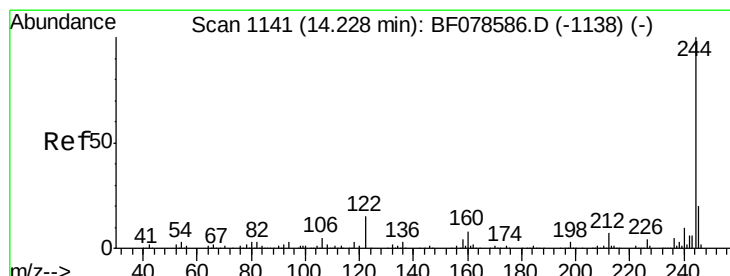
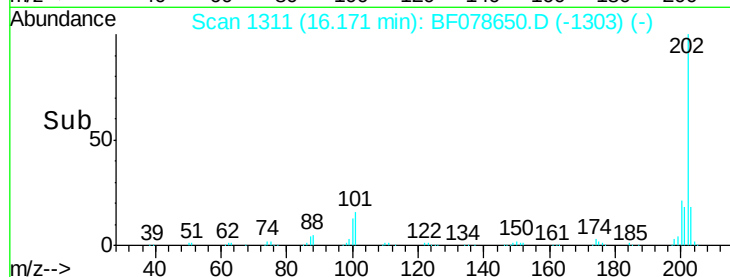
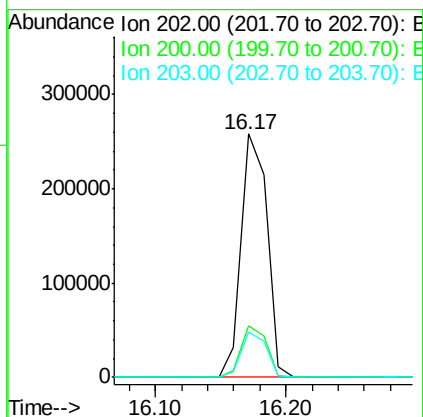
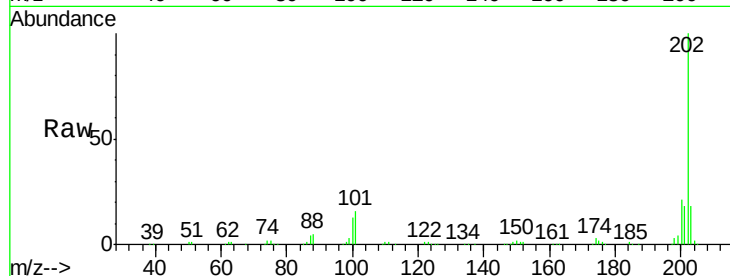
#77
Pvrene
Concen: 38.85 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.3	24.5
203	18.5	13.8	20.6

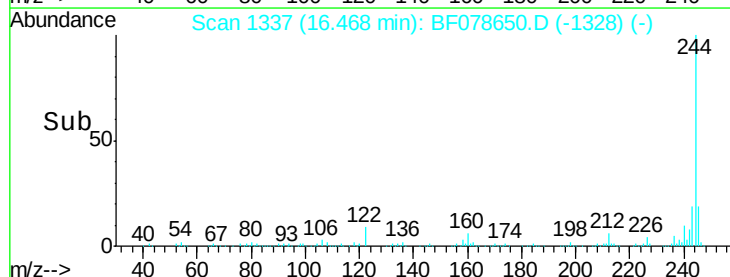
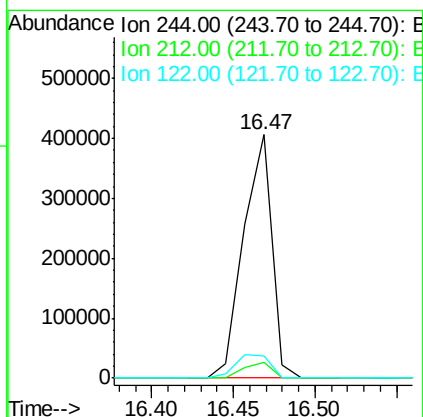
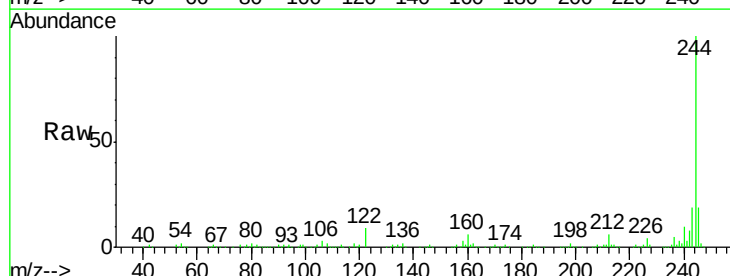
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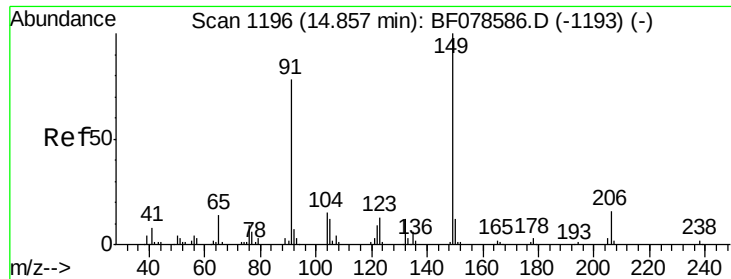
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#78
Terphenyl-d14
Concen: 75.53 ng
RT: 16.47 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.3	7.1	10.7





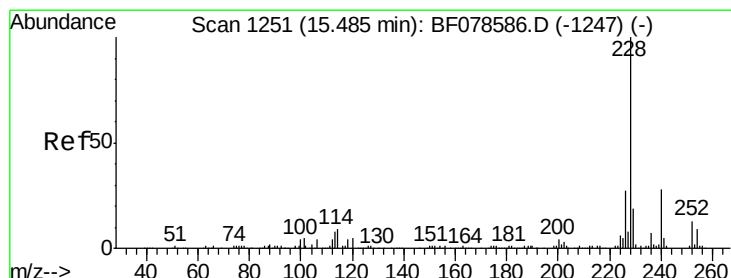
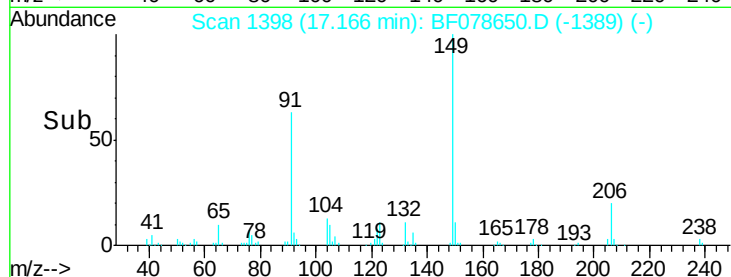
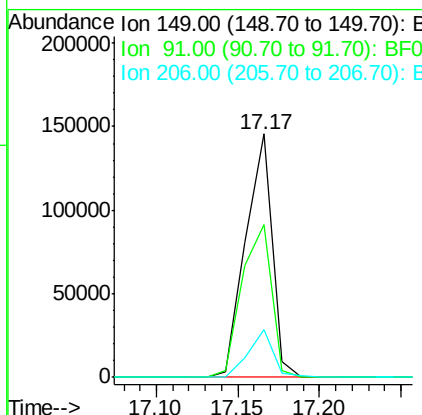
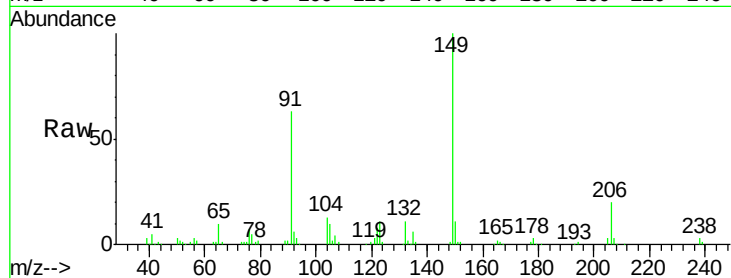
#79
Butylbenzylphthalate
Concen: 47.13 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	164446		
91	62.5	64.2	96.2	#
206	19.5	12.6	18.8	#

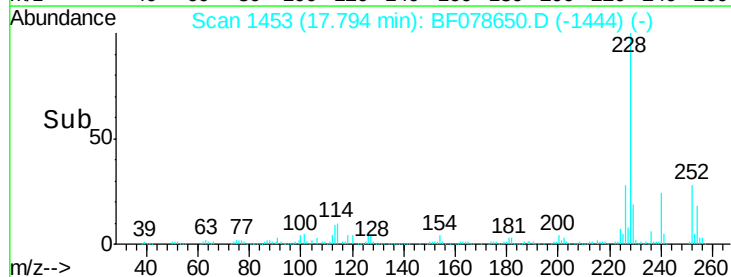
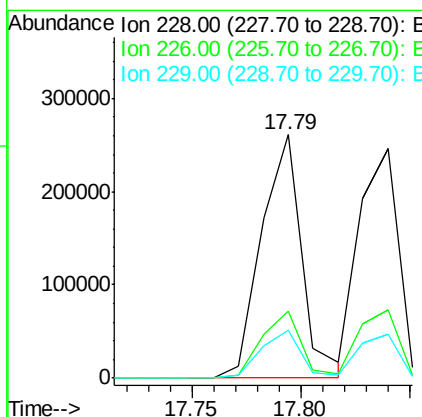
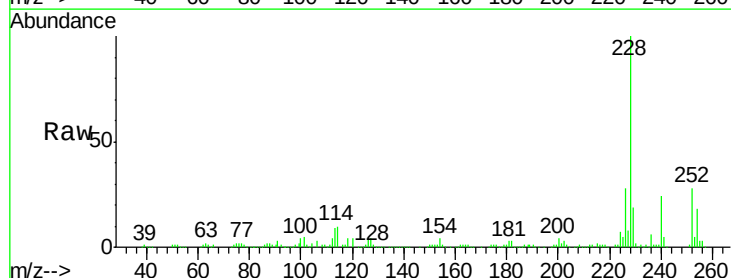
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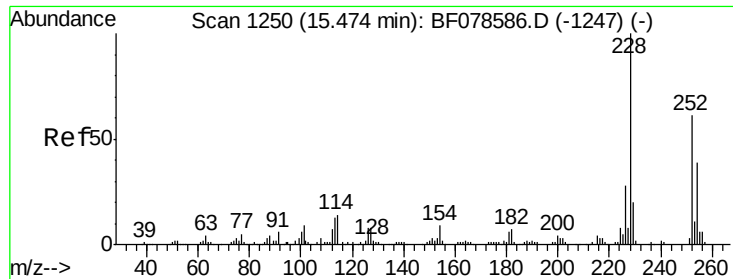
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#80
Benzo(a)anthracene
Concen: 39.04 ng
RT: 17.79 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	338731		
226	27.7	21.3	31.9	
229	19.4	15.4	23.2	





#81

3,3'-Dichlorobenzidine

Concen: 26.02 ng

RT: 17.79 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

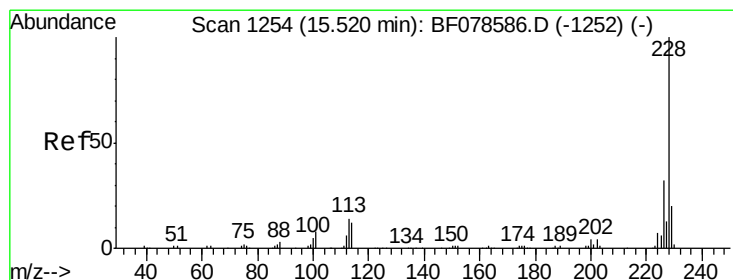
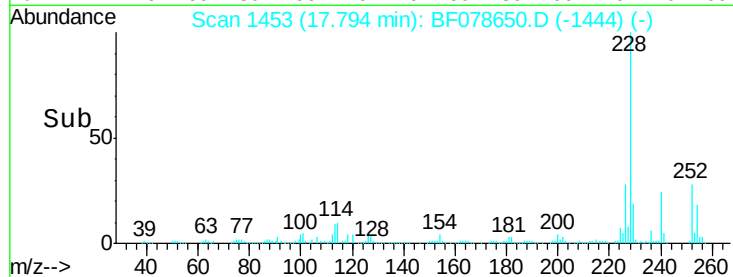
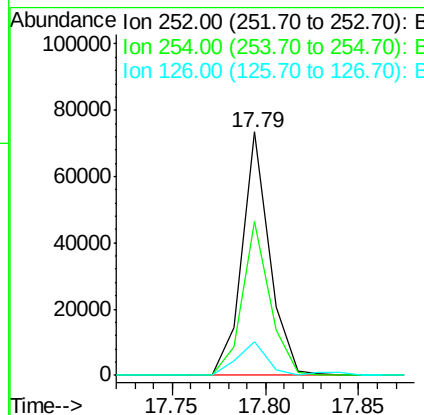
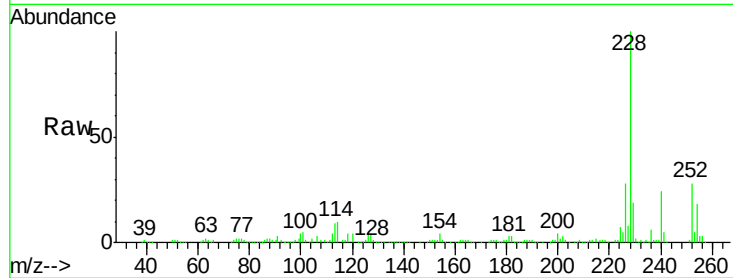
ClientSampleId :

PB82843BS

Tot Ion:	252	Resp:	75629
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.2	76.8
126	13.7	6.3	9.5#

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#82

Chrysene

Concen: 37.93 ng

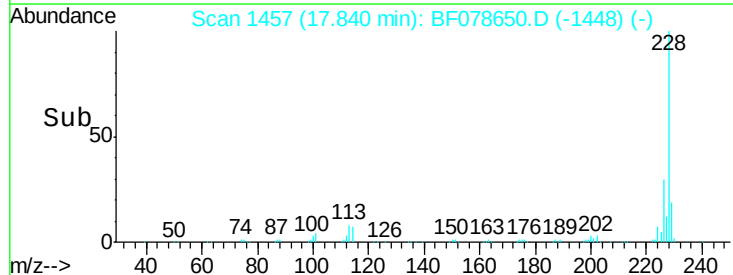
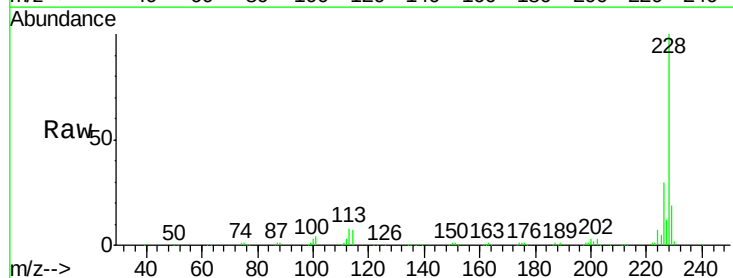
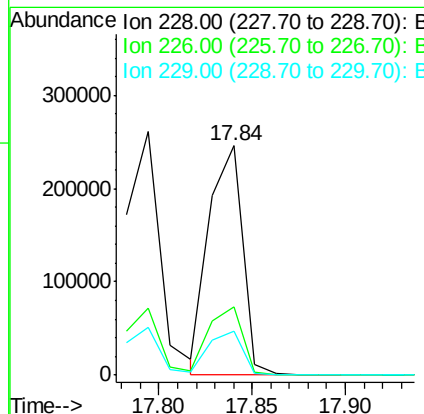
RT: 17.84 min Scan# 1457

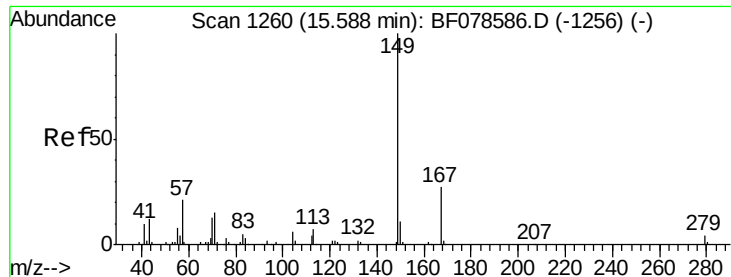
Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	228	Resp:	309233
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.4
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.81 ng

RT: 17.93 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

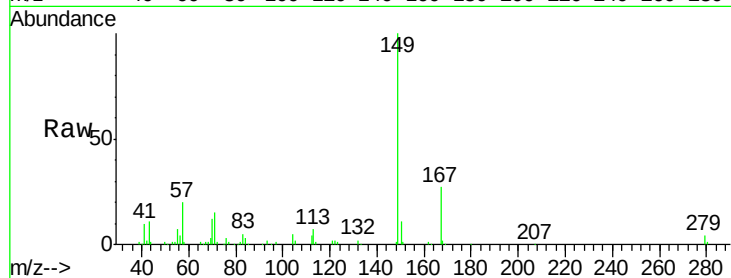
ClientSampleId :

PB82843BS

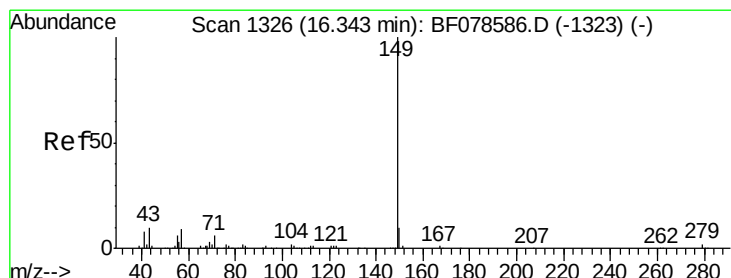
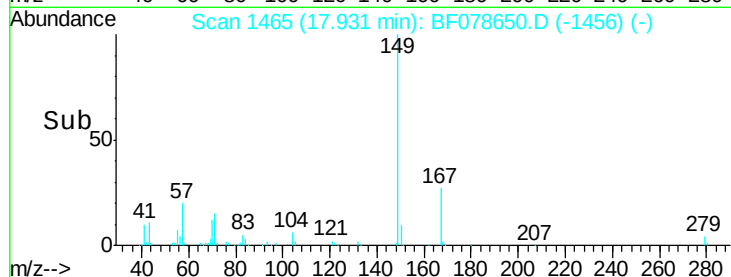
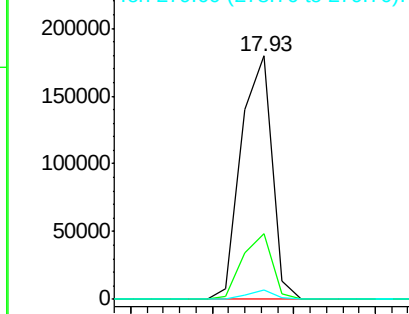
Tot Ion:	149	Resp:	234301
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.2	33.2
279	3.9	3.2	4.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.09 ng

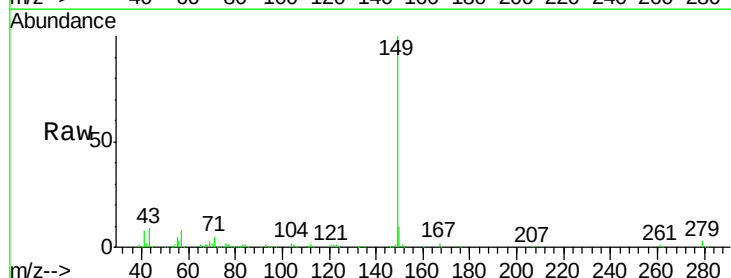
RT: 18.72 min Scan# 1534

Delta R.T. 0.00 min

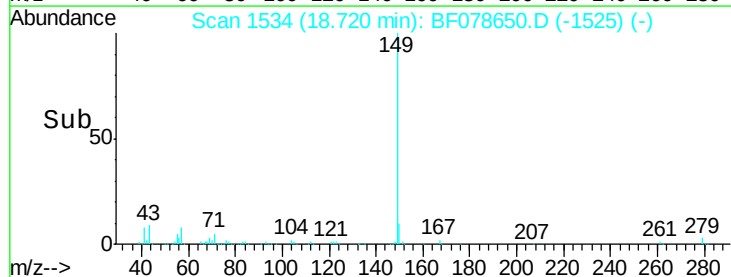
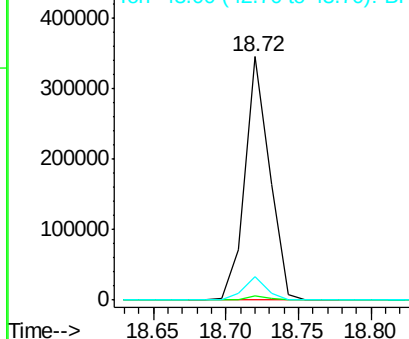
Lab File: BF078650.D

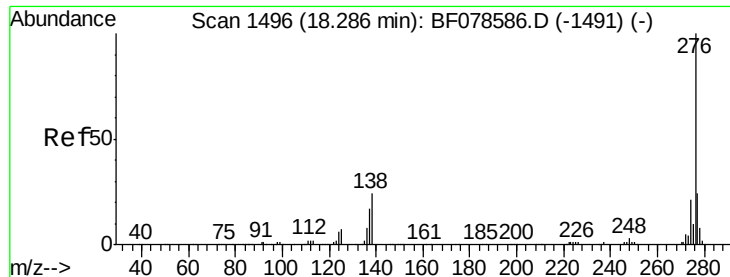
Acq: 20 Apr 2015 18:09

Tgt Ion:	149	Resp:	405180
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.4	0.0	0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





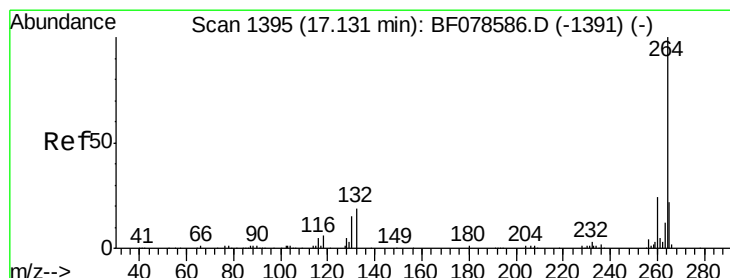
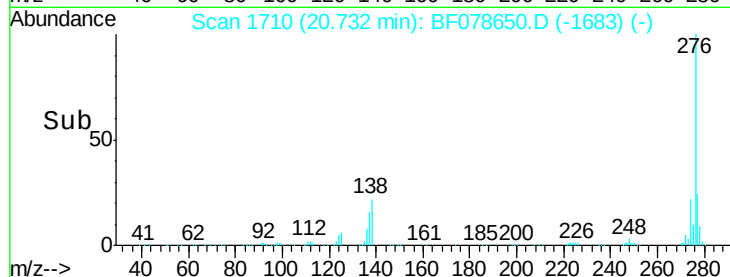
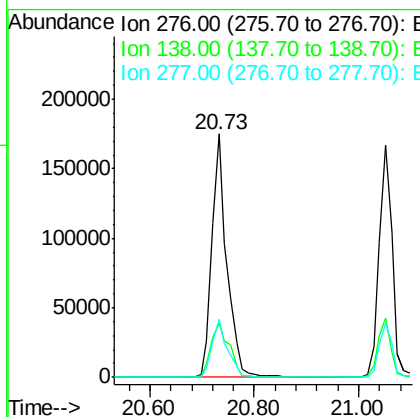
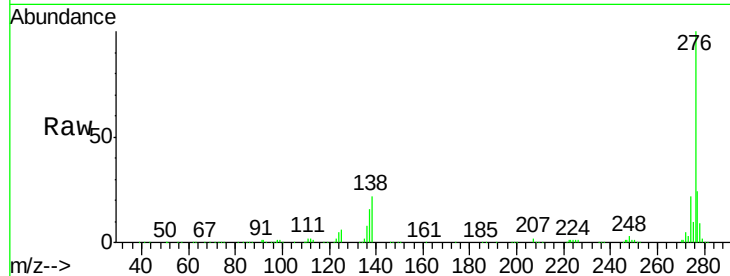
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.86 ng
 RT: 20.73 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.7	16.9	25.3#
277	25.1	15.8	23.6#

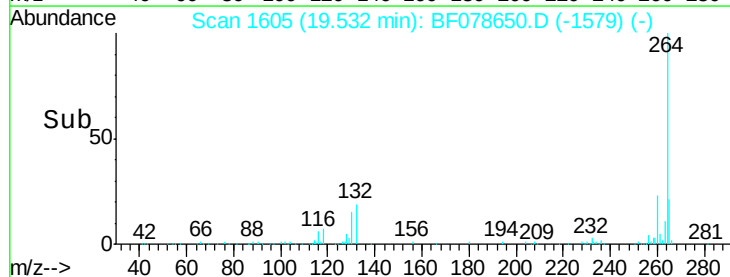
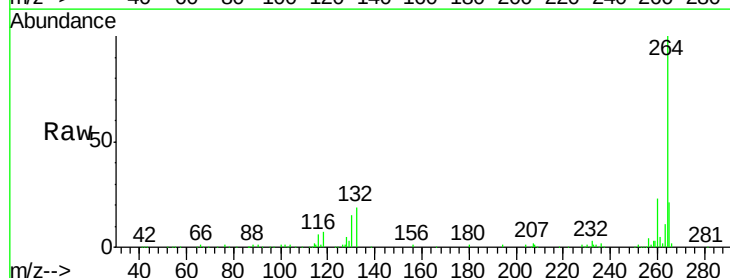
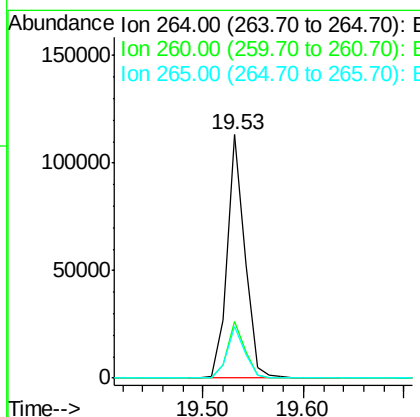
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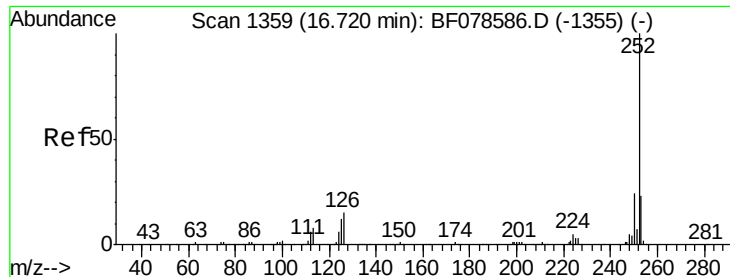
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF078650.D
 Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 43.40 ng

RT: 19.10 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Instrument :

BNA_F

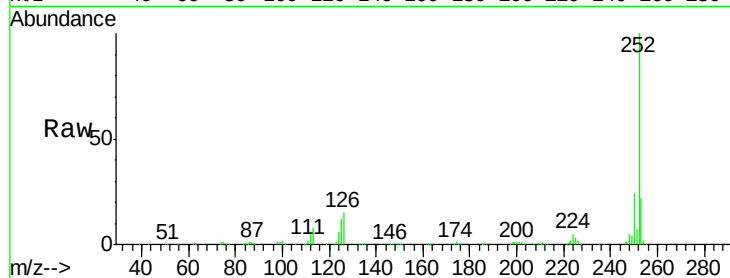
ClientSampleId :

PB82843BS

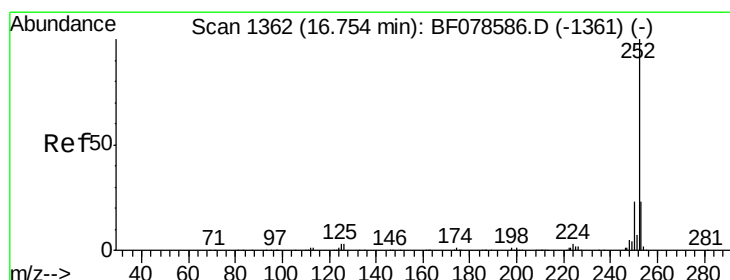
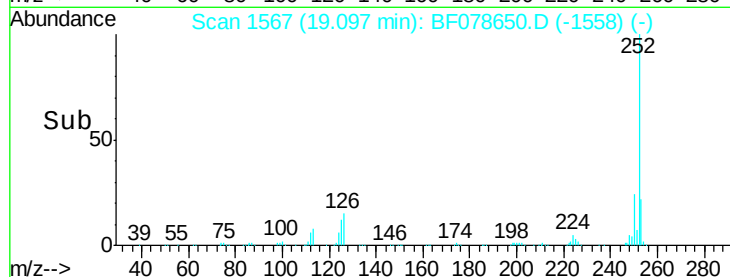
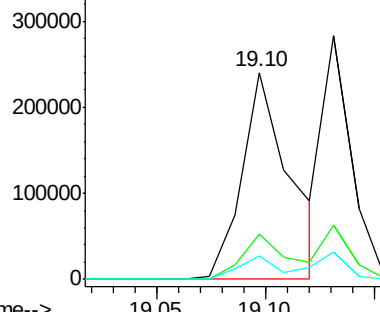
Tot Ion:	252	Resp:	369163
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	11.7	7.0	10.4#

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



#88

Benzo(k)fluoranthene

Concen: 34.27 ng m

RT: 19.13 min Scan# 1570

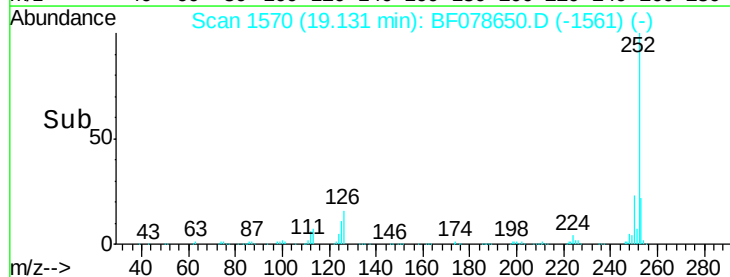
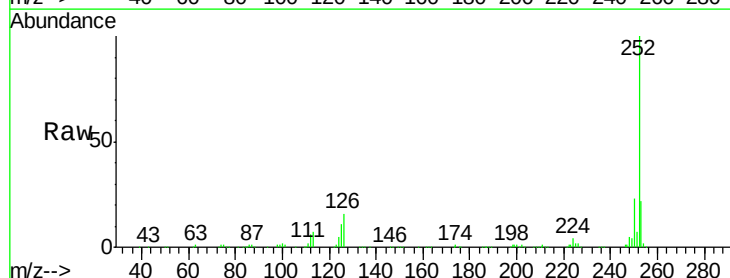
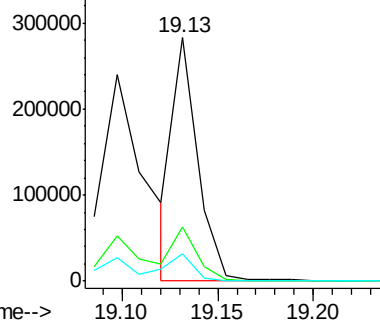
Delta R.T. 0.00 min

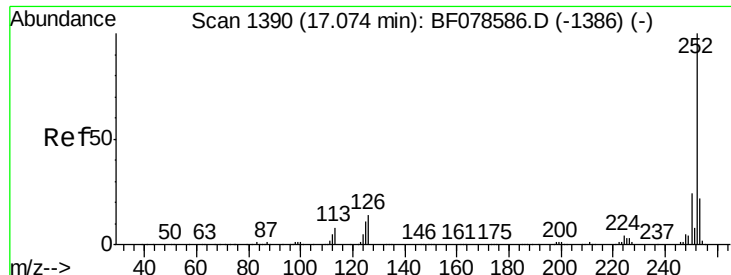
Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tgt Ion:	252	Resp:	259033
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	11.2	11.6	17.4#

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





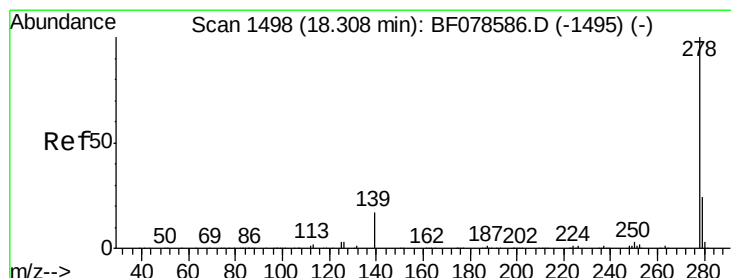
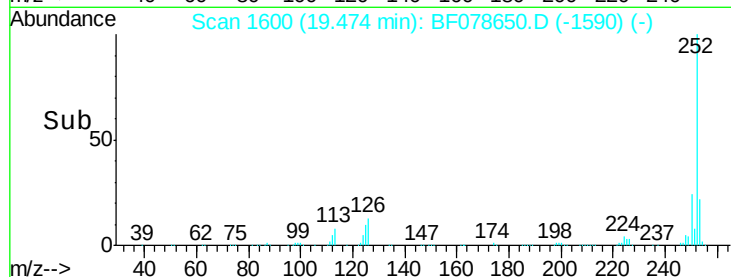
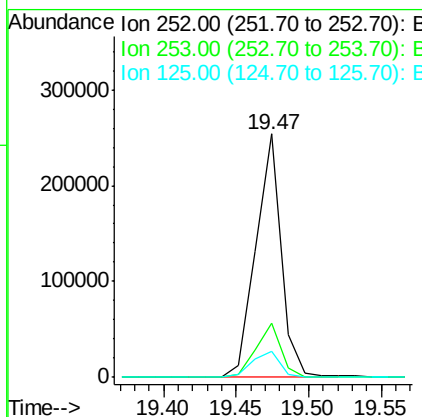
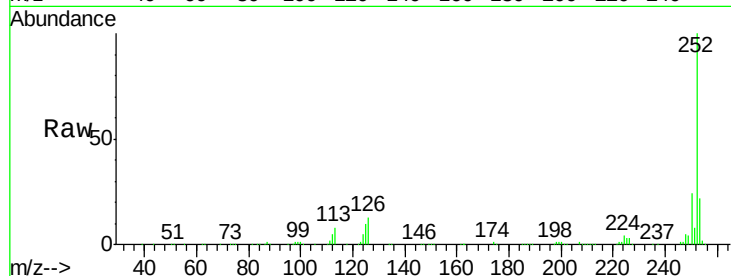
#89
Benzo(a)pyrene
Concen: 41.77 ng
RT: 19.47 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB82843BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	10.5	7.4	11.0

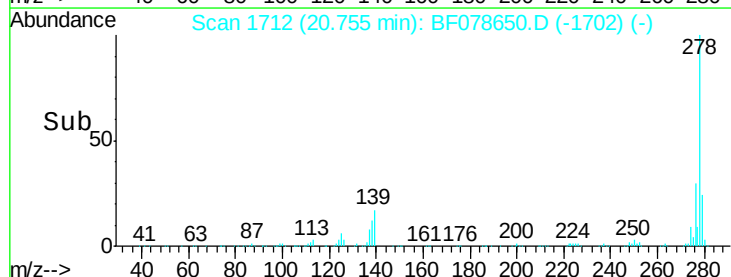
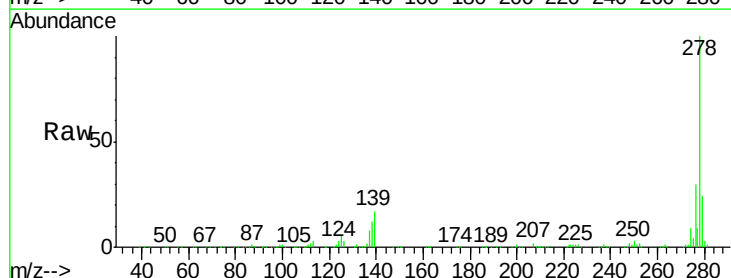
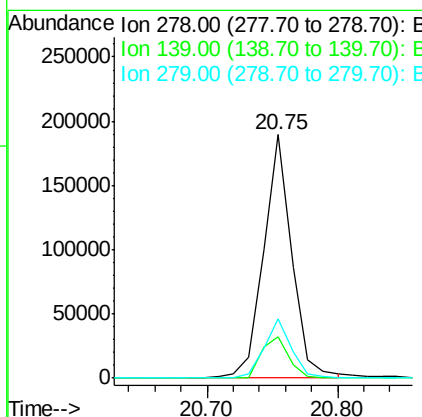
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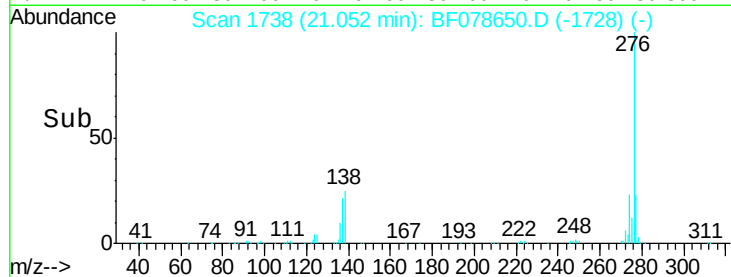
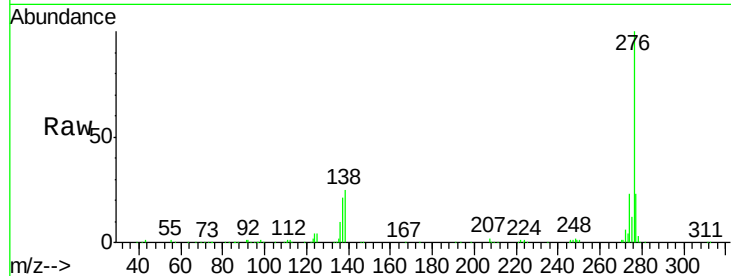
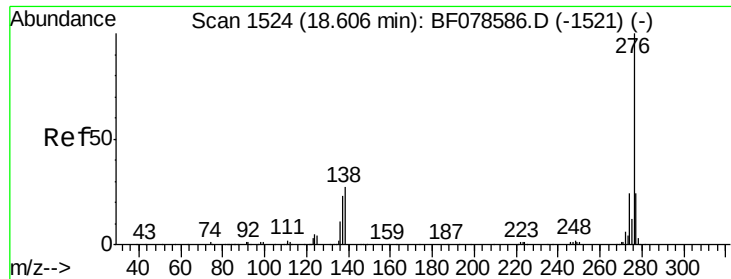
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#90
Dibenzo(a,h)anthracene
Concen: 38.59 ng
RT: 20.75 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BF078650.D
Acq: 20 Apr 2015 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.6	20.4
279	24.2	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 38.27 ng

RT: 21.05 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF078650.D

Acq: 20 Apr 2015 18:09

Tot Ion:	276	Resp:	285190
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.4
138	25.4	19.9	29.9

Instrument :

BNA_F

ClientSampleId :

PB82843BS

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