

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080895.D
 Acq On : 6 Aug 2015 18:28
 Operator : TP/UM
 Sample : PB84862BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:14 AM

Quant Time: Aug 07 04:22:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	55672	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	223837	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	106292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	211017	20.00	ng	0.00
75) Chrysene-d12	13.96	240	184941	20.00	ng	0.00
86) Perylene-d12	15.36	264	183290	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	361990	103.65	ng	0.01
7) Phenol-d6	6.44	99	507690	105.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	353706	74.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	125579	109.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	556184	74.58	ng	0.00
78) Terphenyl-d14	12.91	244	592563	67.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	48300	28.55	ng	97
3) Pyridine	3.12	79	145037	30.49	ng	98
4) n-Nitrosodimethylamine	3.05	42	82262	33.42	ng	98
6) Aniline	6.46	93	176693	24.78	ng	99
8) 2-Chlorophenol	6.59	128	141188	35.61	ng	97
9) Benzaldehyde	6.35	77	26894	8.12	ng	92
10) Phenol	6.45	94	197128	34.17	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	133526	32.69	ng	99
12) 1,3-Dichlorobenzene	6.75	146	148552	34.54	ng	97
13) 1,4-Dichlorobenzene	6.83	146	149936	34.23	ng	99
14) 1,2-Dichlorobenzene	6.98	146	138322	34.45	ng	98
15) Benzyl Alcohol	6.96	79	142570	37.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	285365	34.04	ng	99
17) 2-Methylphenol	7.07	107	128632	36.20	ng	98
18) Hexachloroethane	7.32	117	57112	34.34	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	120572	35.22	ng	# 94
20) 3+4-Methylphenols	7.22	107	145933	33.88	ng	98
22) Acetophenone	7.22	105	191661	34.24	ng	94
24) Nitrobenzene	7.39	77	153730	31.75	ng	96
25) Isophorone	7.63	82	295806	32.48	ng	95
26) 2-Nitrophenol	7.71	139	73780	36.30	ng	95
27) 2,4-Dimethylphenol	7.76	122	145100	37.21	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	177551	32.89	ng	99
29) 2,4-Dichlorophenol	7.95	162	114502	36.84	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	120746	35.04	ng	98
31) Naphthalene	8.12	128	406011	33.43	ng	100
32) Benzoic acid	7.87	122	95711	38.60	ng	95
33) 4-Chloroaniline	8.17	127	105632	21.04	ng	# 93
34) Hexachlorobutadiene	8.24	225	65284	33.29	ng	99
35) Caprolactam	8.53	113	42393m	36.53	ng	
36) 4-Chloro-3-methylphenol	8.65	107	133751	35.72	ng	97
37) 2-Methylnaphthalene	8.81	142	272853	36.44	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	109863	33.93	ng	98
40) Hexachlorocyclopentadiene	8.97	237	152249	81.95	ng	99

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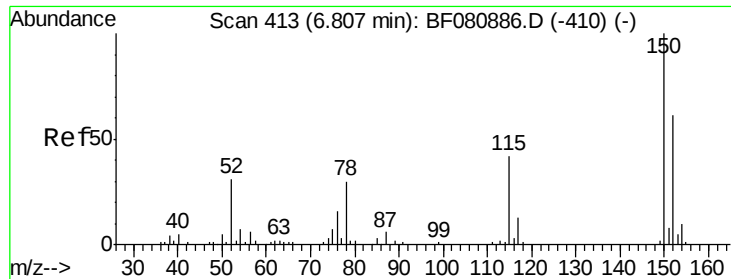
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80032	33.50	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	87012	35.93	nq	# 91
45) 1,1'-Biphenyl	9.28	154	339825	37.79	nq	100
46) 2-Chloronaphthalene	9.30	162	253303	36.03	nq	97
47) 2-Nitroaniline	9.39	65	113933	39.84	nq	97
48) Acenaphthylene	9.71	152	446341	36.19	nq	100
49) Dimethylphthalate	9.57	163	286059	33.89	nq	99
50) 2,6-Dinitrotoluene	9.63	165	60001	33.15	nq	99
51) Acenaphthene	9.88	154	307482	41.04	nq	99
52) 3-Nitroaniline	9.80	138	58699	26.23	nq	85
53) 2,4-Dinitrophenol	9.90	184	73142	73.75	nq	# 84
54) Dibenzofuran	10.05	168	381565	37.60	nq	98
55) 4-Nitrophenol	9.96	139	115448	68.36	nq	# 68
56) 2,4-Dinitrotoluene	10.04	165	92133	37.84	nq	# 57
57) Fluorene	10.40	166	302807	38.13	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70998	36.74	nq	100
59) Diethylphthalate	10.28	149	330955	35.99	nq	95
60) 4-Chlorophenyl-phenylether	10.38	204	125026	33.59	nq	98
61) 4-Nitroaniline	10.42	138	82167	35.80	nq	94
62) Azobenzene	10.54	77	360491	35.78	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	52903	38.48	nq	98
65) n-Nitrosodiphenylamine	10.51	169	281434	37.43	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	81421	35.50	nq	98
67) Hexachlorobenzene	10.94	284	92109	37.14	nq	97
68) Atrazine	11.04	200	80226	36.96	nq	97
69) Pentachlorophenol	11.14	266	111961	80.55	nq	97
70) Phenanthrene	11.36	178	459939	37.25	nq	99
71) Anthracene	11.40	178	428039	35.22	nq	100
72) Carbazole	11.56	167	461277	37.58	nq	99
73) Di-n-butylphthalate	11.89	149	515969	34.48	nq	99
74) Fluoranthene	12.53	202	491176	36.38	nq	98
76) Benzidine	12.66	184	227255	30.08	nq	98
77) Pyrene	12.76	202	512278	37.27	nq	99
79) Butylbenzylphthalate	13.39	149	260665	39.65	nq	98
80) Benzo(a)anthracene	13.95	228	438818	36.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	109385	24.18	nq	# 96
82) Chrysene	13.99	228	439204	38.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	345022	38.29	nq	100
84) Di-n-octyl phthalate	14.56	149	598839	37.71	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	410235	36.48	nq	100
87) Benzo(b)fluoranthene	14.97	252	480650m	37.34	nq	
88) Benzo(k)fluoranthene	14.99	252	349172m	32.20	nq	
89) Benzo(a)pyrene	15.31	252	419024	37.77	nq	# 98
90) Dibenzo(a,h)anthracene	16.74	278	346688	36.26	nq	98
91) Benzo(g,h,i)perylene	17.13	276	336949	36.35	nq	97

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



#1

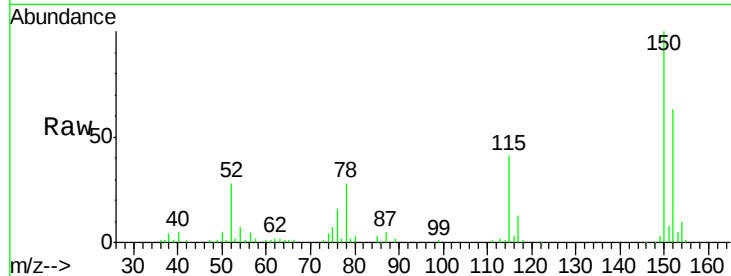
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

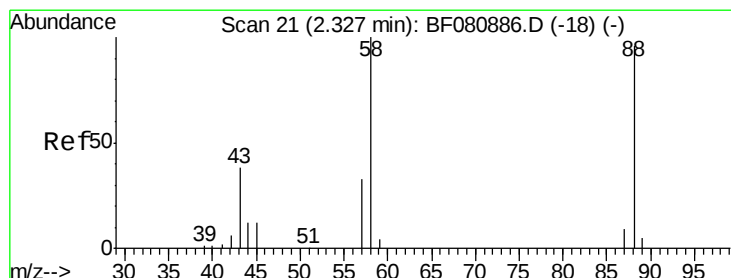
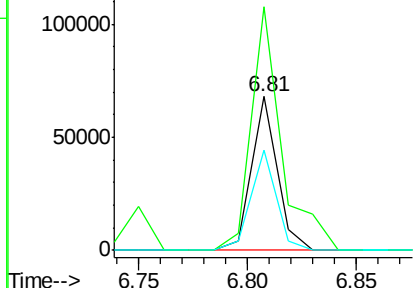
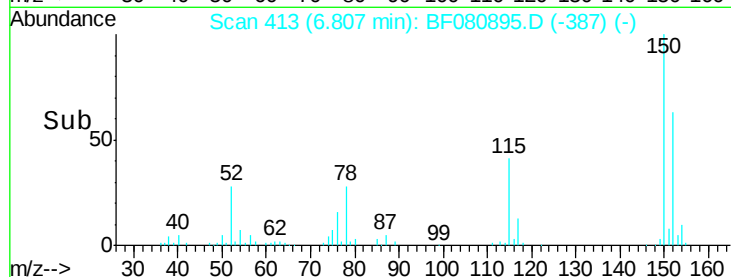
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	132.2	198.2
115	65.1	54.9	82.3

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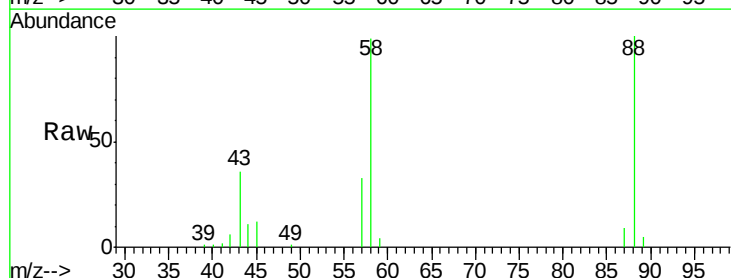
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



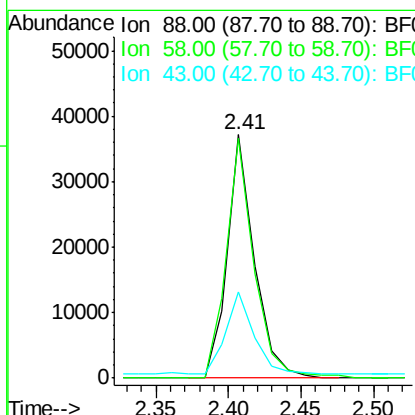
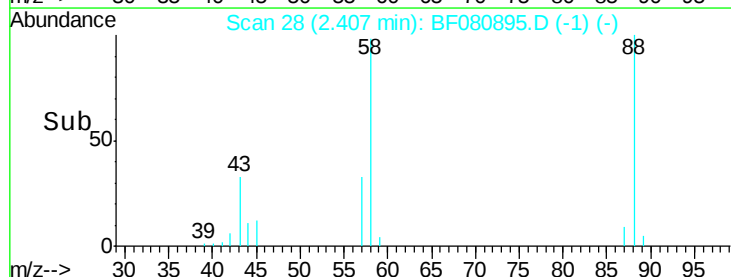
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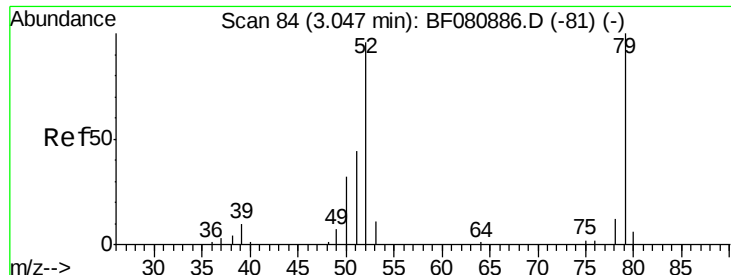
1,4-Dioxane
Concen: 28.55 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	78.2	117.4
43	35.6	29.1	43.7



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





#3

Pvridine

Concen: 30.49 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.07 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

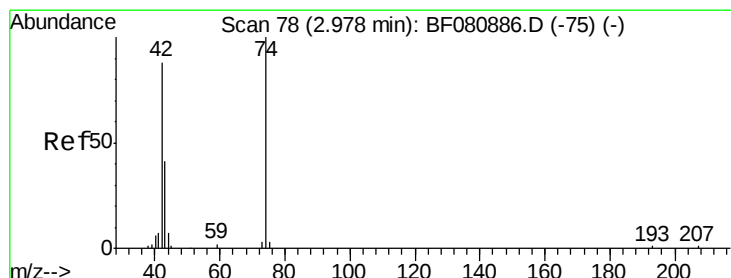
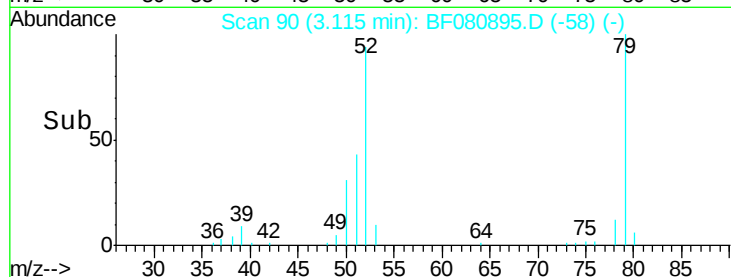
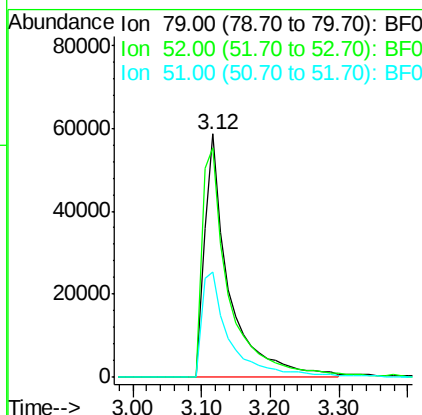
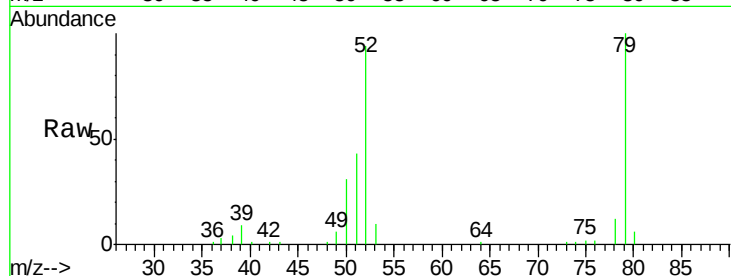
ClientSampleId :

PB84862BS

Tot Ion:	79	Resp:	145037
Ion Ratio	Lower	Upper	
79	100		
52	94.4	76.7	115.1
51	43.3	35.8	53.6

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#4

n-Nitrosodimethylamine

Concen: 33.42 ng

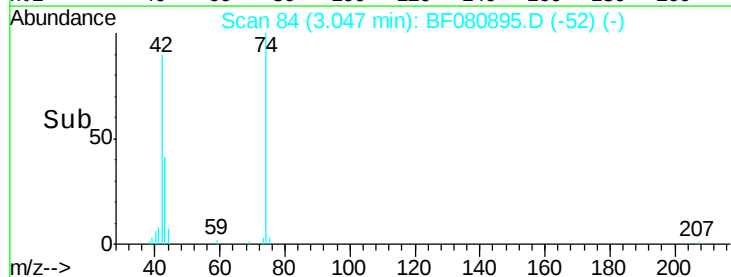
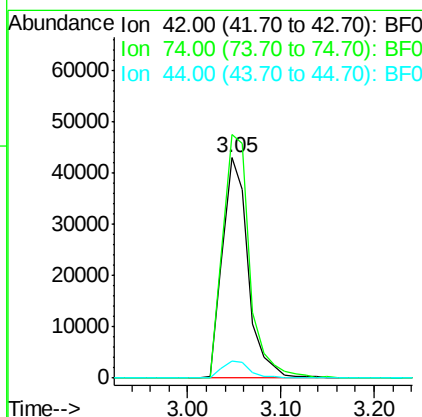
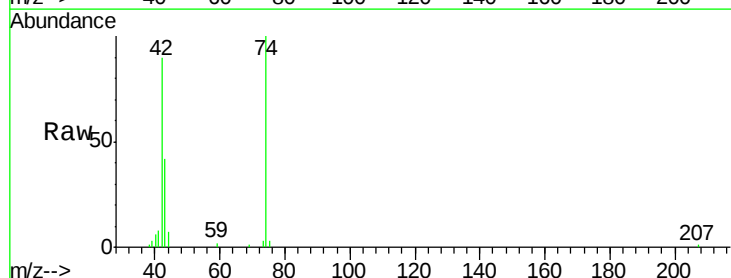
RT: 3.05 min Scan# 84

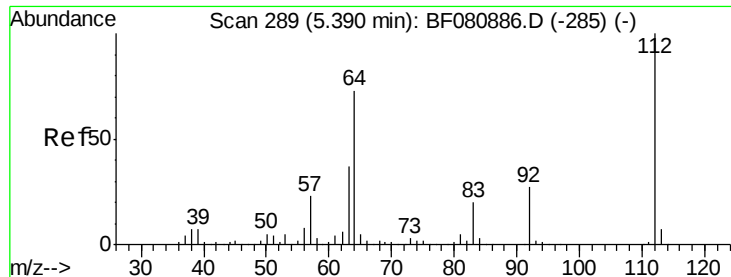
Delta R.T. 0.07 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	42	Resp:	82262
Ion Ratio	Lower	Upper	
42	100		
74	110.6	90.6	135.8
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 103.65 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

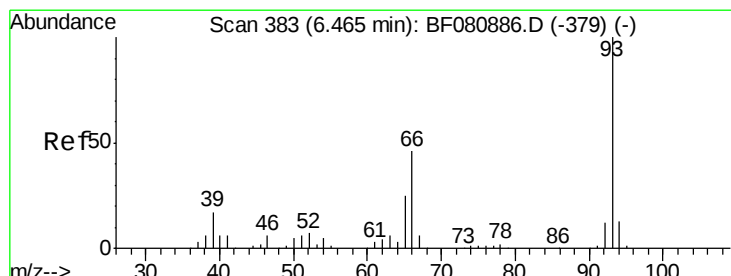
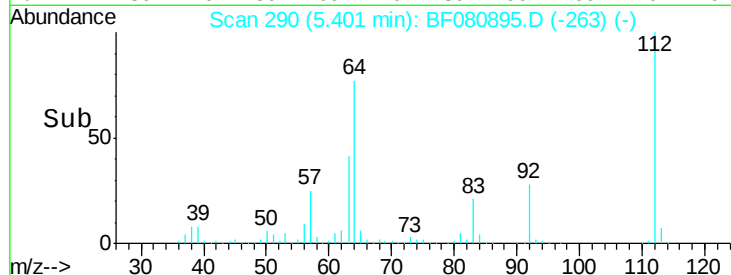
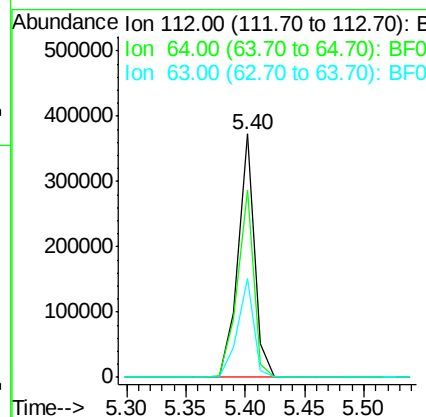
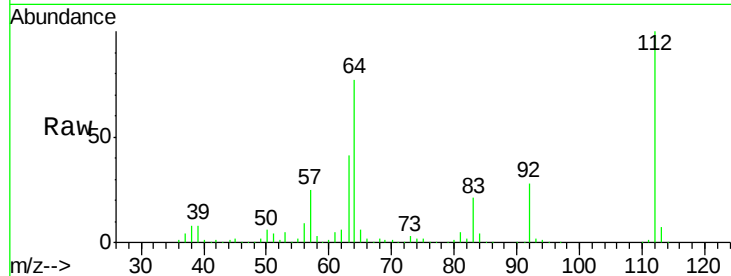
ClientSampleId :

PB84862BS

Tot Ion:	112	Resp:	361990
Ion Ratio	Lower	Upper	
112	100		
64	77.1	58.0	87.0
63	40.6	29.8	44.8

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#6

Aniline

Concen: 24.78 ng

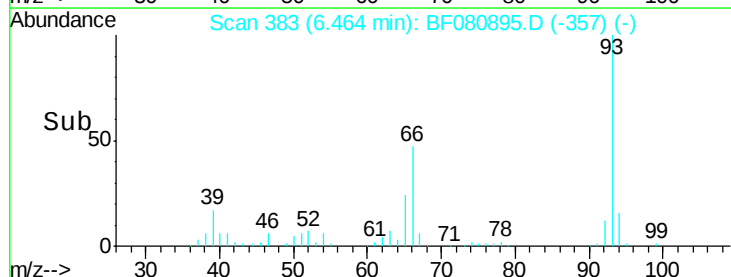
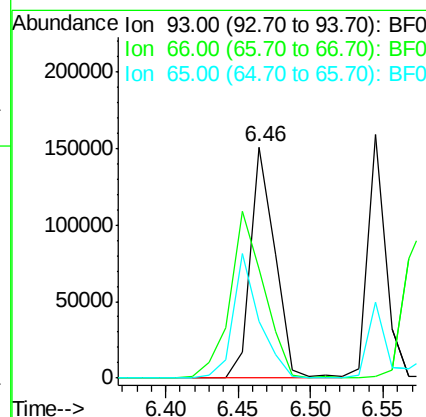
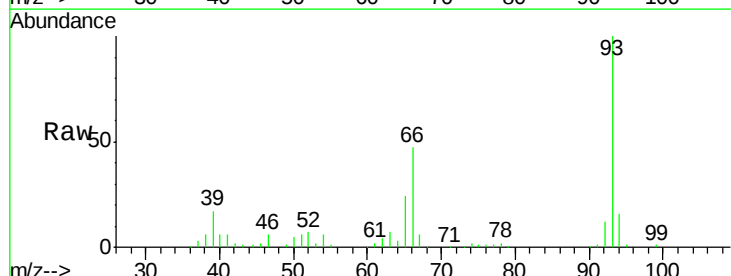
RT: 6.46 min Scan# 383

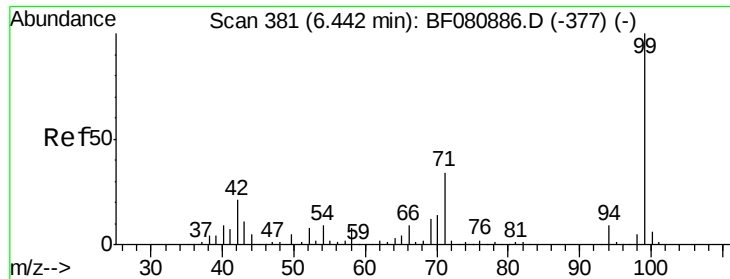
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	93	Resp:	176693
Ion Ratio	Lower	Upper	
93	100		
66	47.0	37.4	56.0
65	24.3	19.8	29.6





#7

Phenol-d6

Concen: 105.60 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

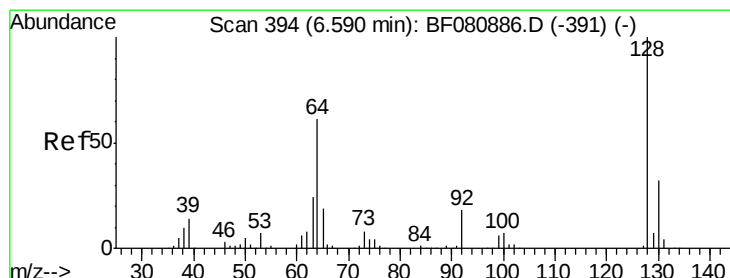
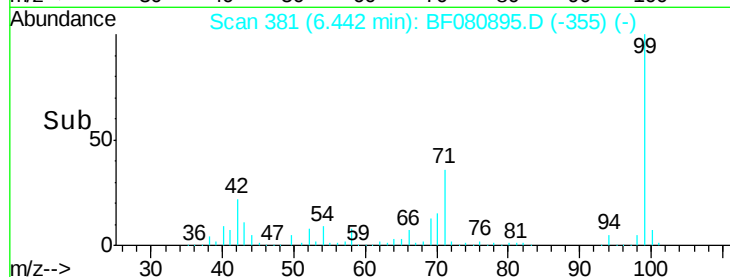
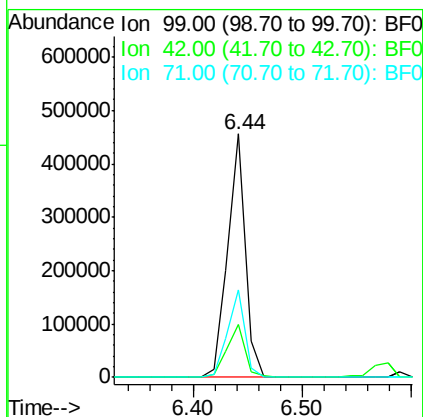
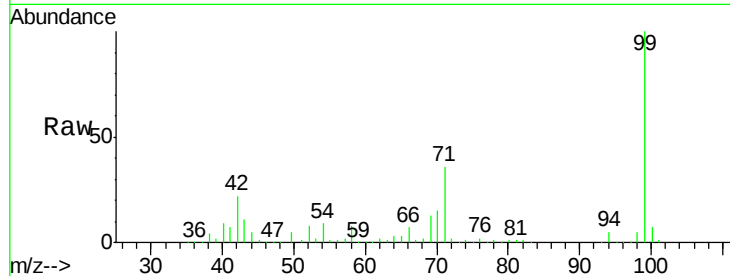
ClientSampleId :

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Tot Ion:	99	Resp:	507690
Ion Ratio	Lower	Upper	
99	100		
42	21.7	16.8	25.2
71	35.7	27.4	41.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.61 ng

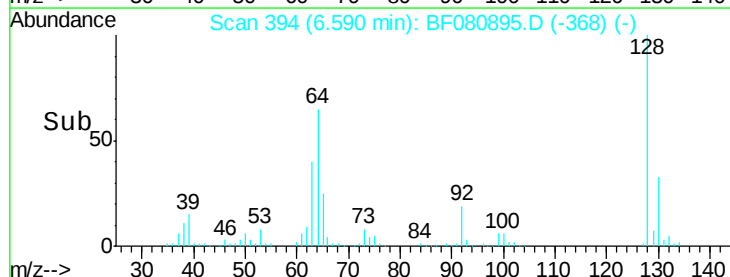
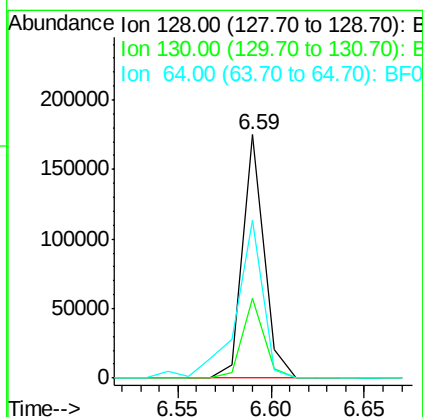
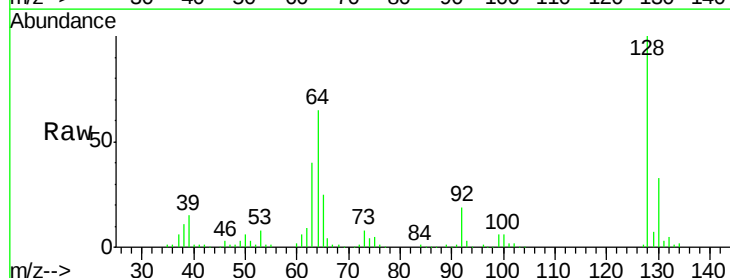
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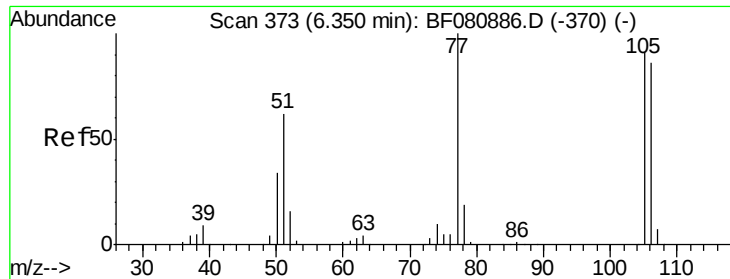
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	128	Resp:	141188
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.1	52.1
64	64.6	41.3	81.3





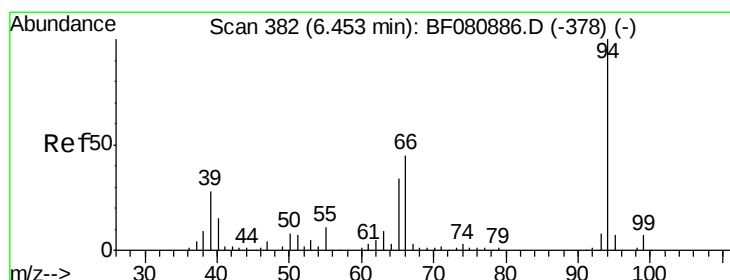
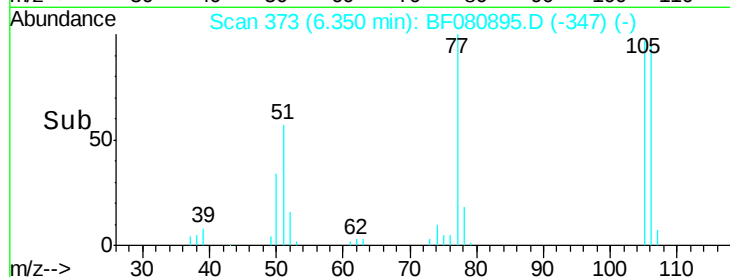
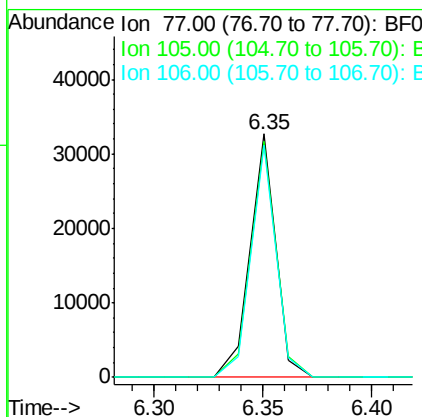
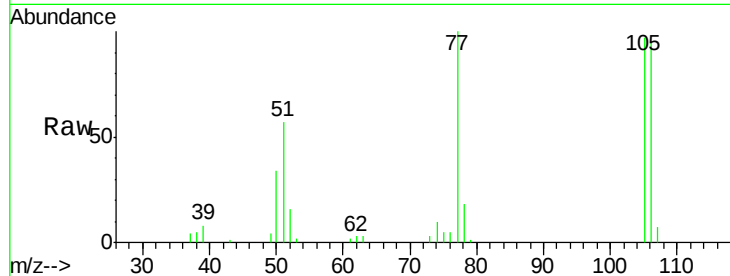
#9
Benzaldehyde
Concen: 8.12 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.7	70.7	110.7
106	95.2	66.1	106.1

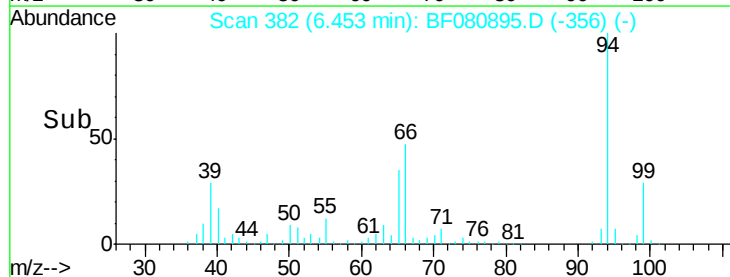
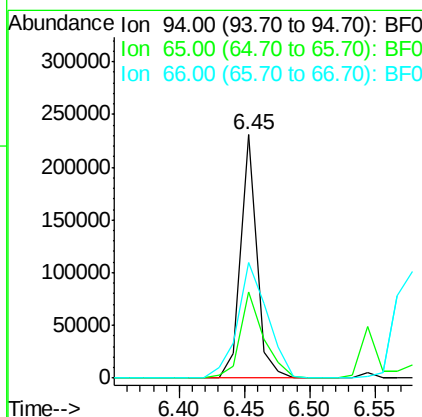
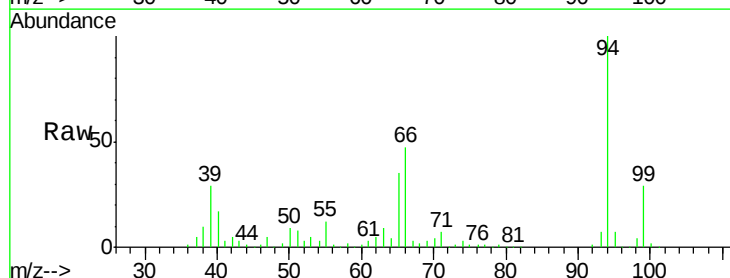
Manual Integrations
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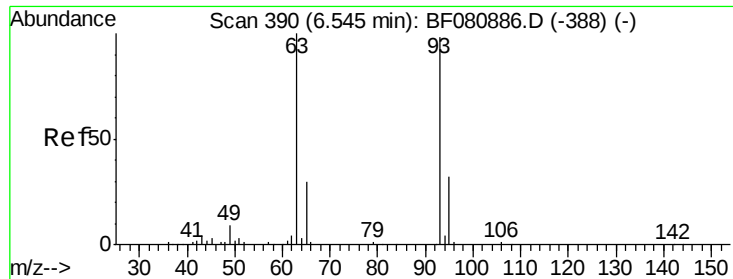
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#10
Phenol
Concen: 34.17 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.2	14.0	54.0
66	47.3	24.6	64.6





#11

bis(2-Chloroethyl)ether

Concen: 32.69 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

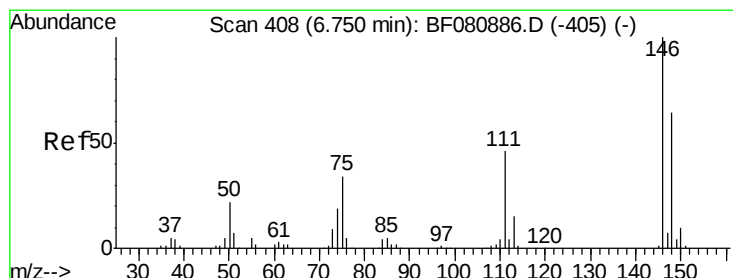
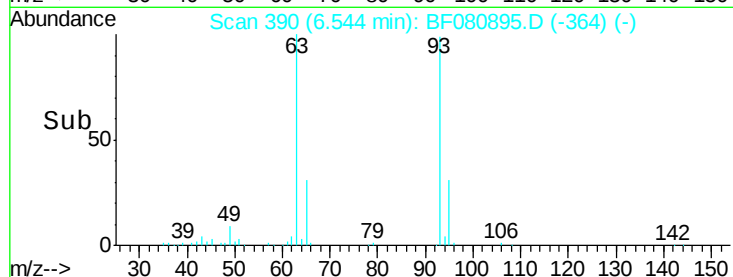
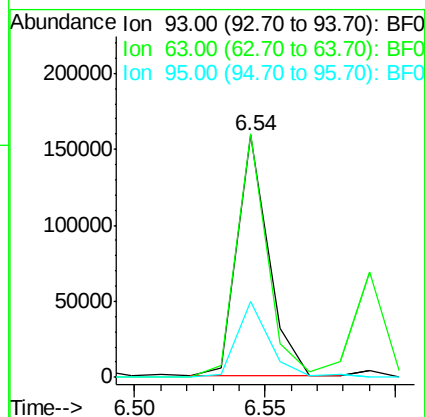
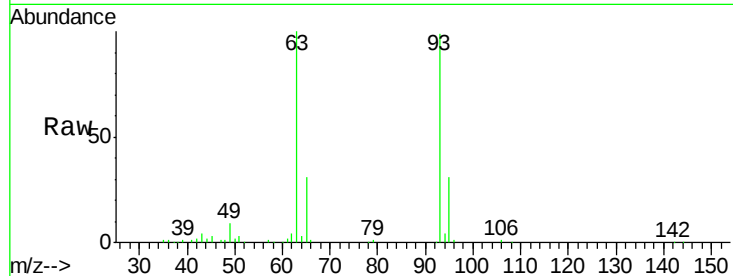
ClientSampleId :

PB84862BS

Tot Ion:	93	Resp:	133526
Ion Ratio	Lower	Upper	
93	100		
63	100.7	81.4	121.4
95	31.5	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 34.54 ng

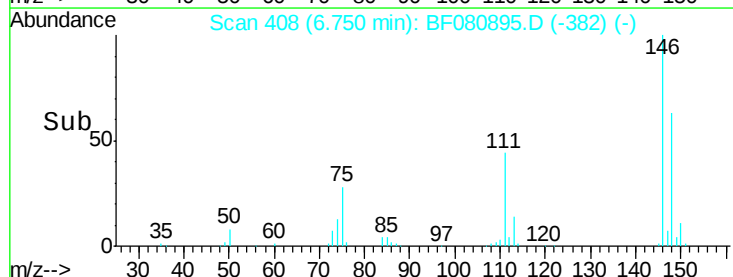
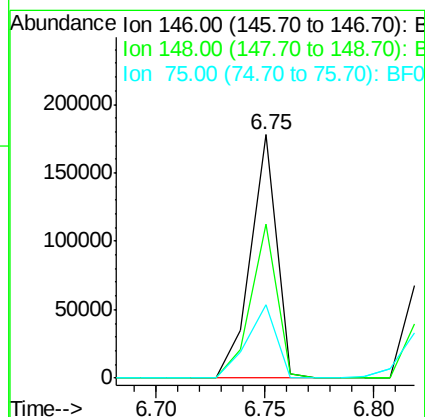
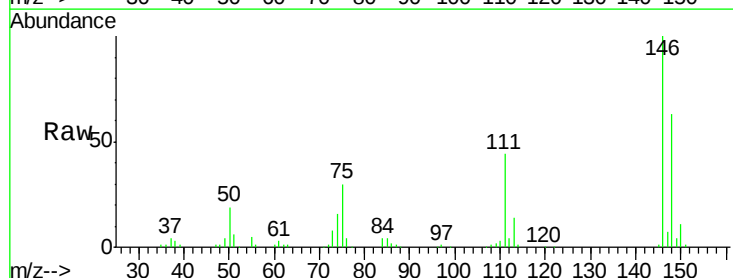
RT: 6.75 min Scan# 408

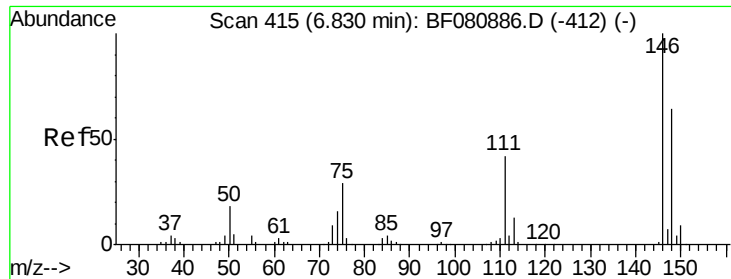
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	146	Resp:	148552
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.3	76.9
75	29.9	27.0	40.4





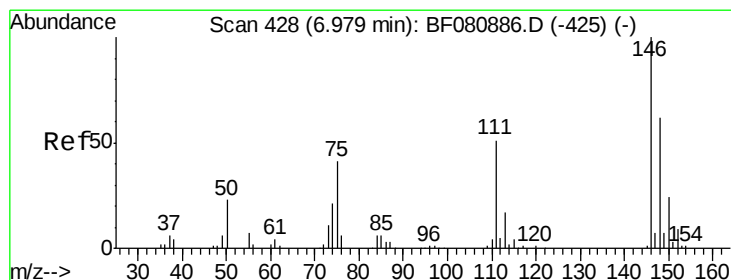
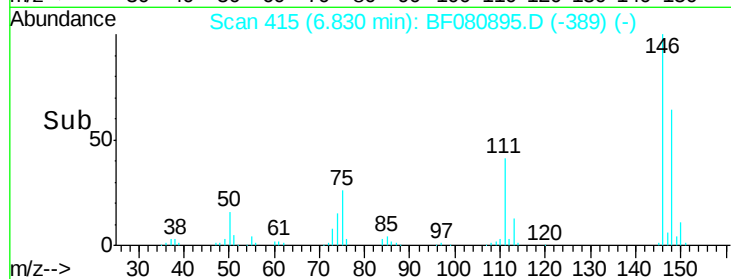
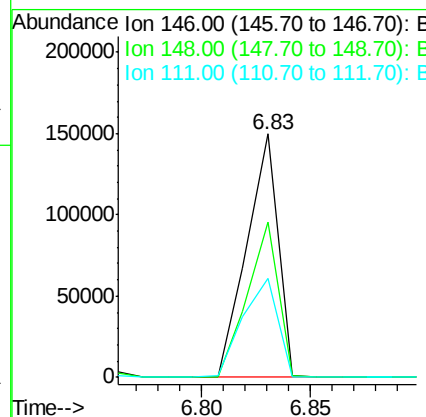
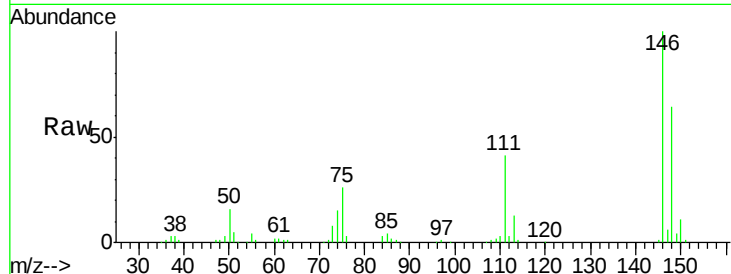
#13
 1,4-Dichlorobenzene
 Concen: 34.23 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	40.6	33.8	50.6

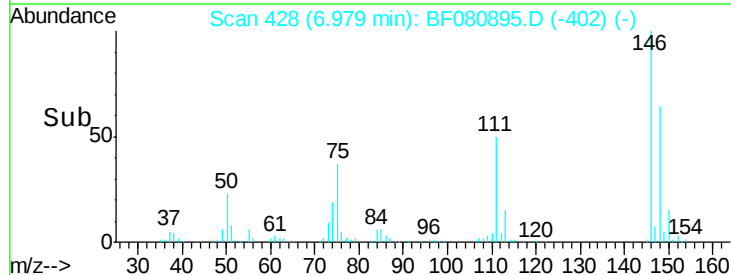
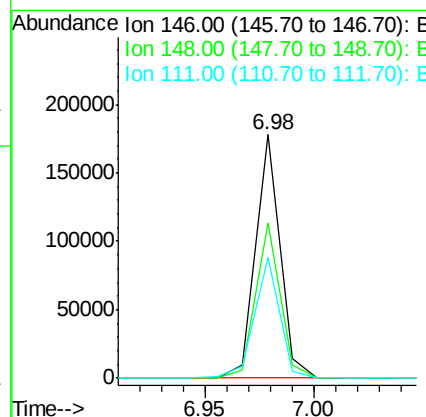
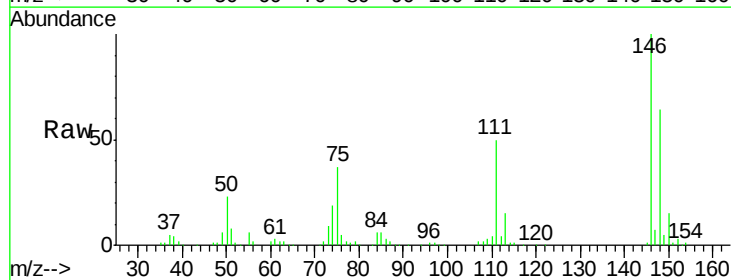
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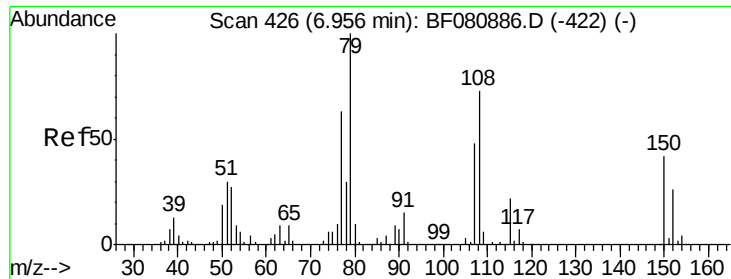
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#14
 1,2-Dichlorobenzene
 Concen: 34.45 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.0	75.0
111	49.6	41.0	61.6





#15

Benzyl Alcohol

Concen: 37.39 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

PB84862BS

Tot Ion: 79 Resp: 142570

Ion Ratio Lower Upper

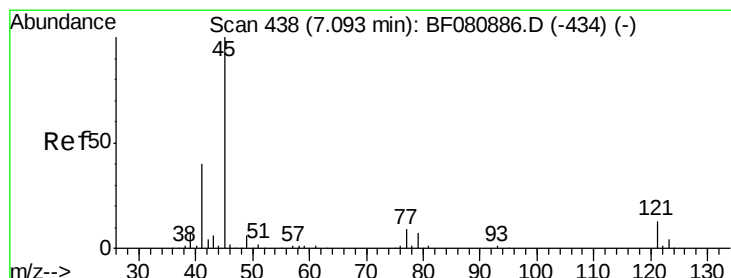
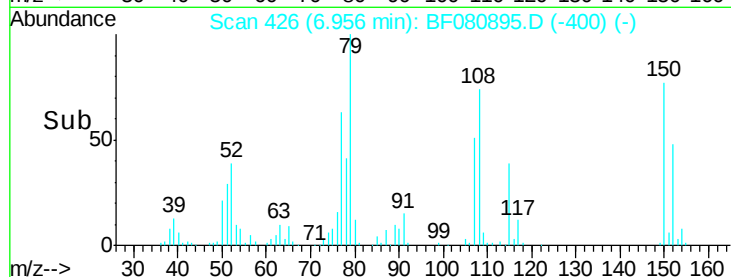
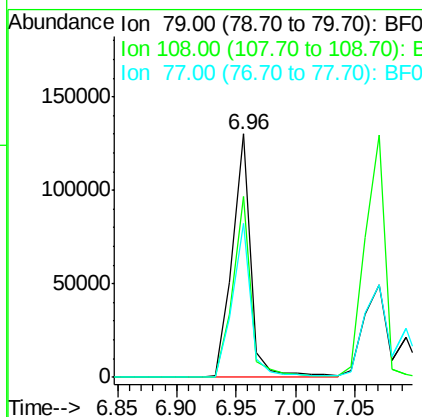
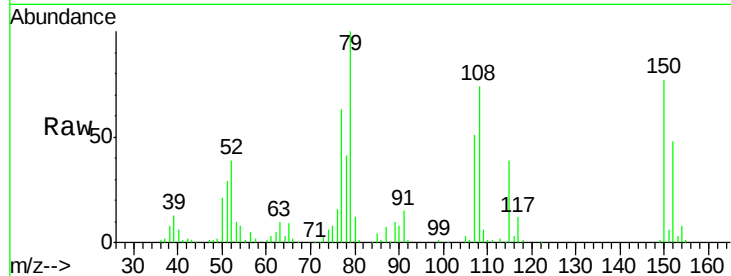
79 100

108 74.4 58.2 87.2

77 63.4 50.0 75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.04 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

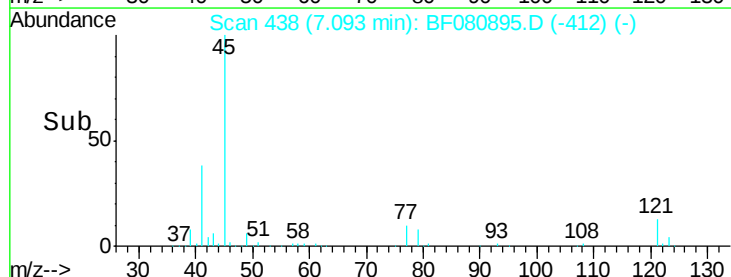
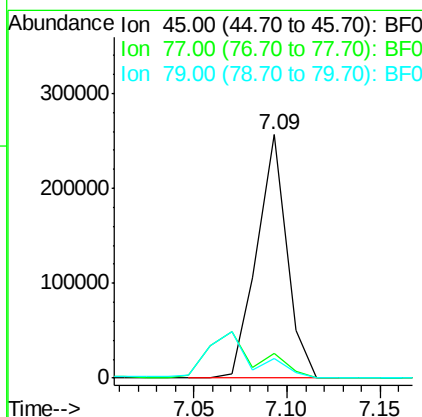
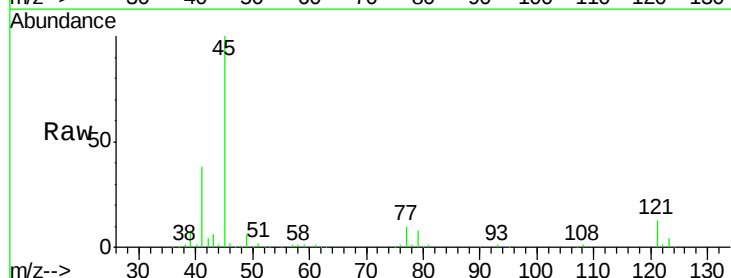
Tgt Ion: 45 Resp: 285365

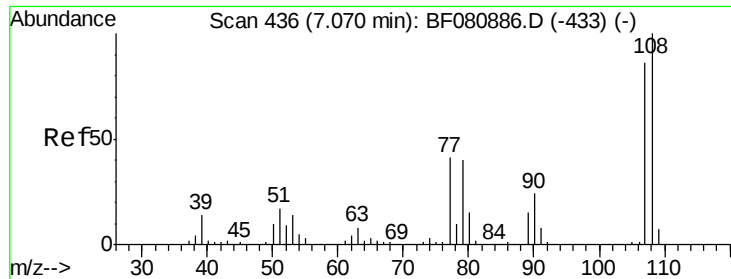
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.1

79 8.2 0.0 27.6





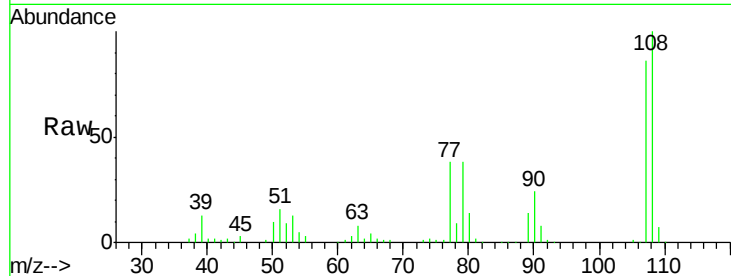
#17
2-Methylphenol
Concen: 36.20 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

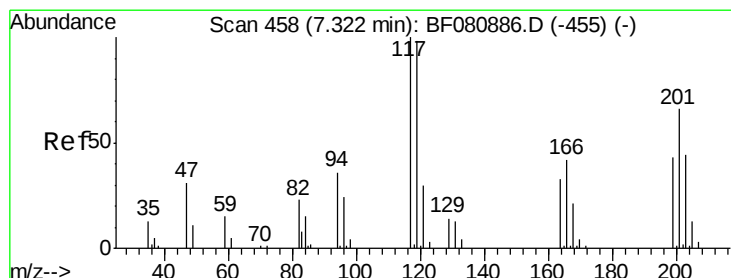
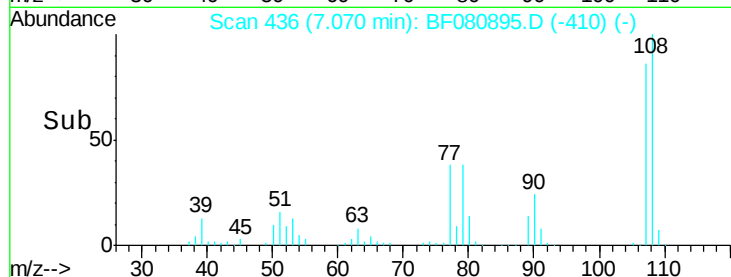
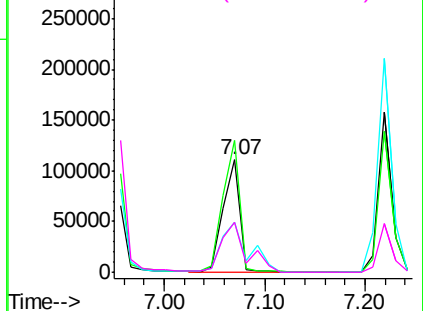
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.6	93.1	139.7	
77	44.3	38.2	57.2	
79	44.5	37.7	56.5	

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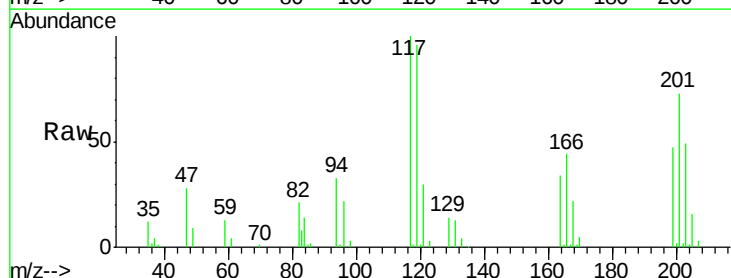


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

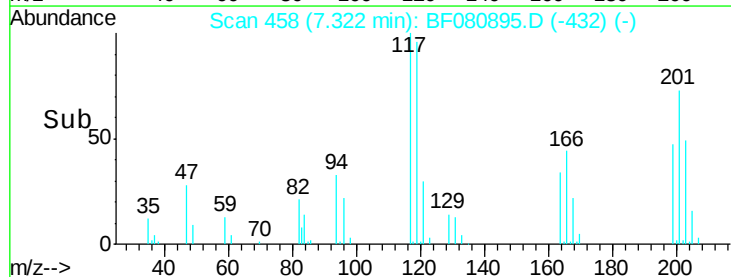
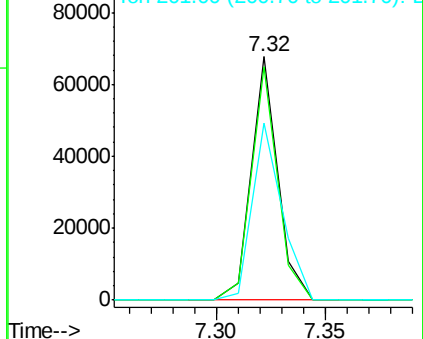


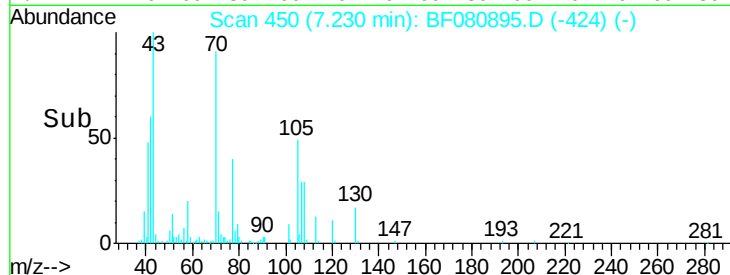
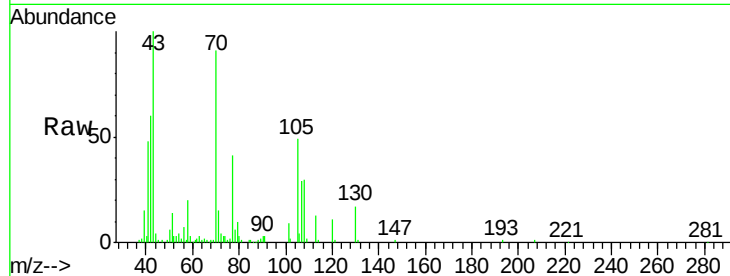
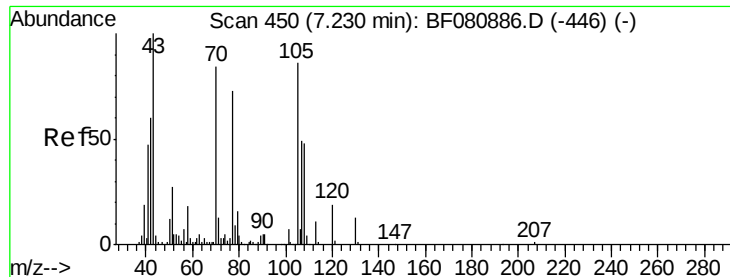
#18
Hexachloroethane
Concen: 34.34 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.4	117.6	
201	72.6	53.1	79.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





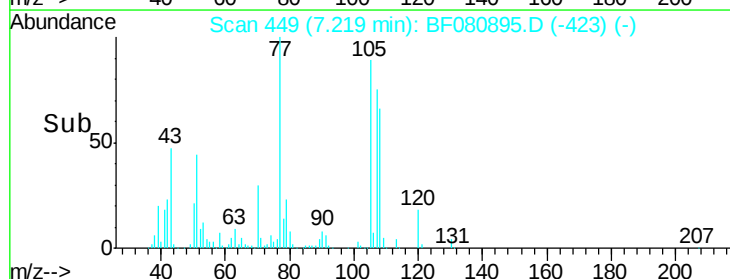
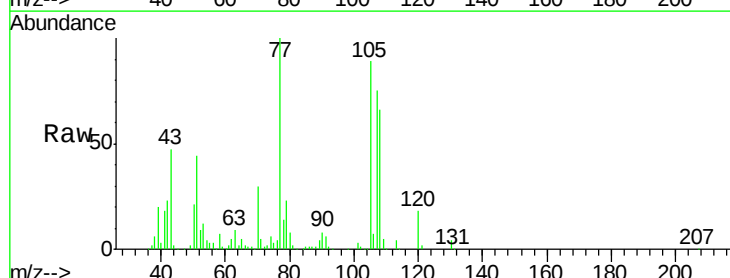
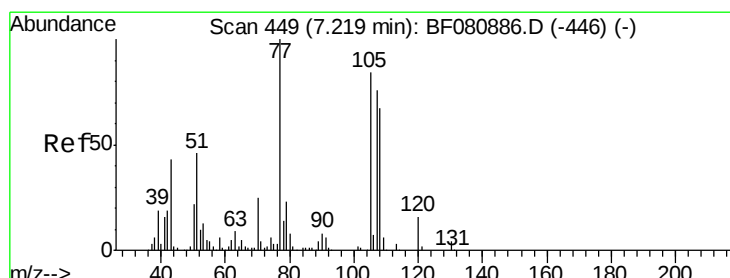
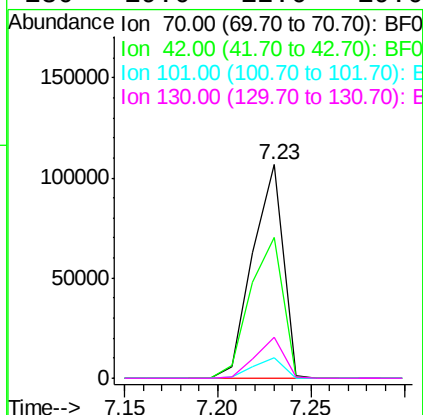
#19
n-Nitroso-di-n-propylamine
Concen: 35.22 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

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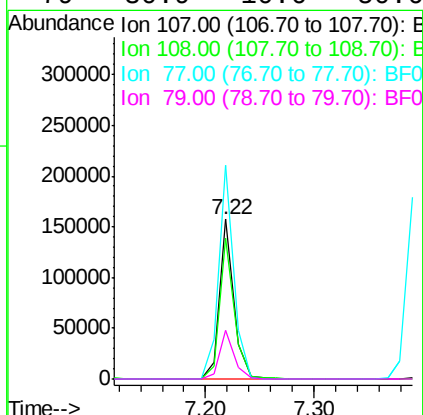
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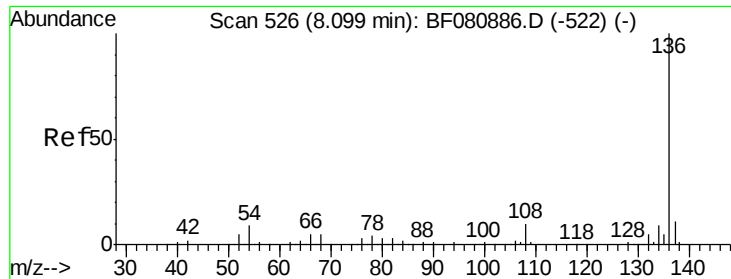
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.1	57.2	85.8	
101	9.4	6.6	9.8	
130	19.0	12.6	19.0	



#20
3+4-Methylphenols
Concen: 33.88 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.3	107.3	
77	134.0	111.2	151.2	
79	30.9	10.6	50.6	





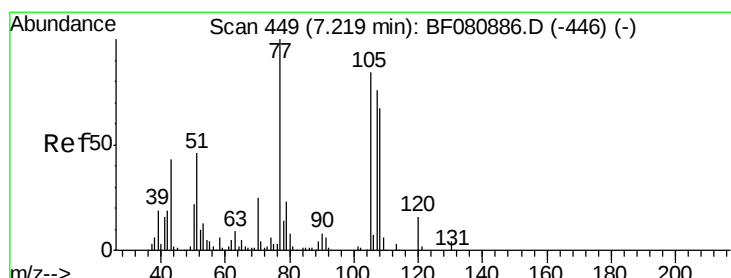
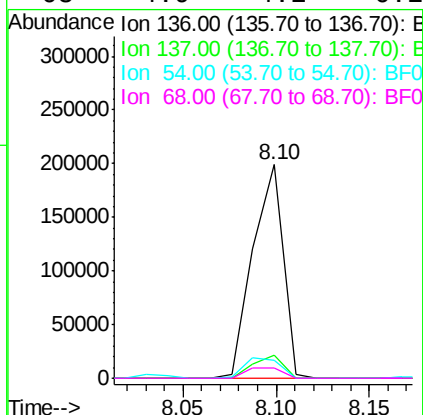
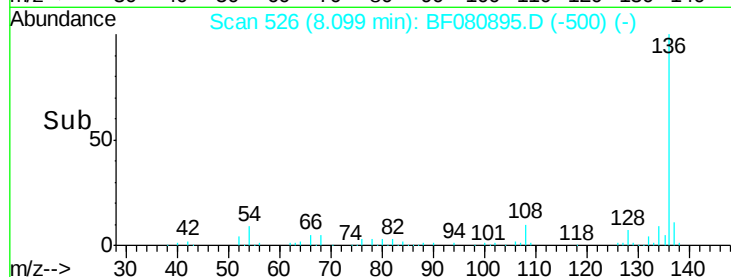
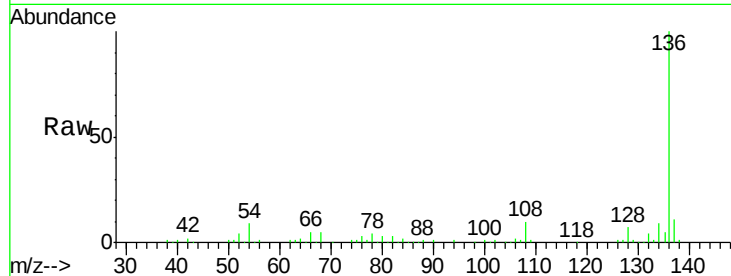
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		223837		
137	10.7		8.6	12.8	
54	8.7		7.5	11.3	
68	4.9		4.2	6.2	

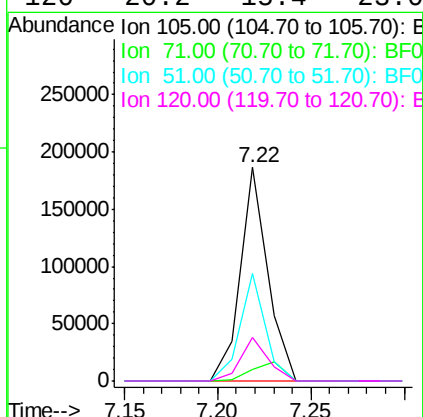
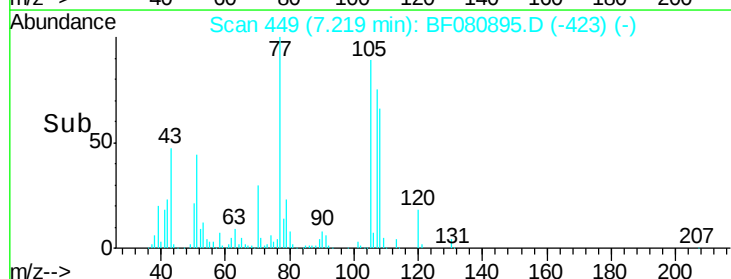
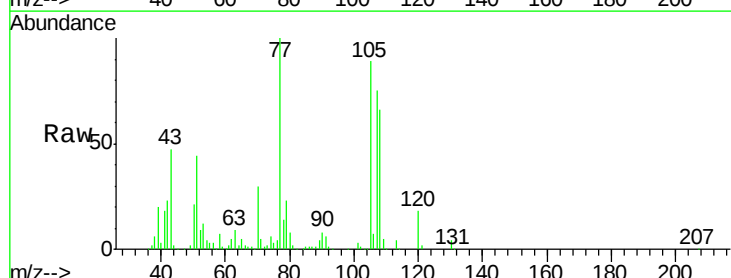
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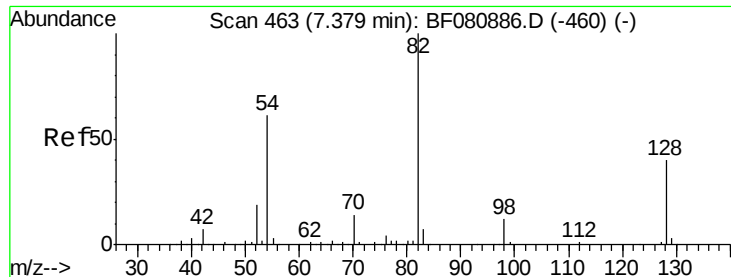
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#22
Acetophenone
Concen: 34.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		191661		
71	5.5		3.8	5.8	
51	50.1		44.2	66.4	
120	20.2		15.4	23.0	





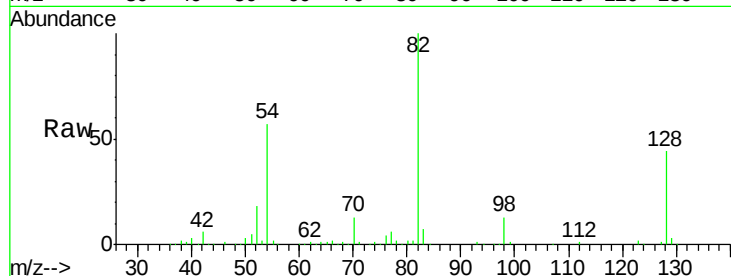
#23
 Nitrobenzene-d5
 Concen: 74.44 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

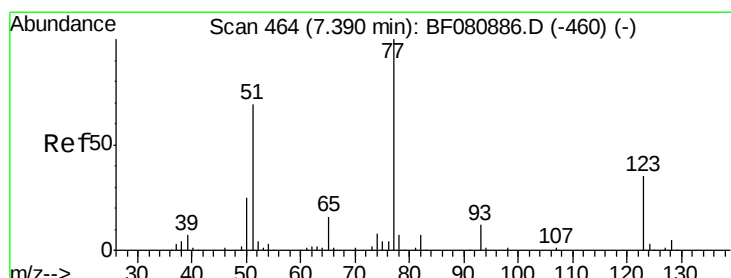
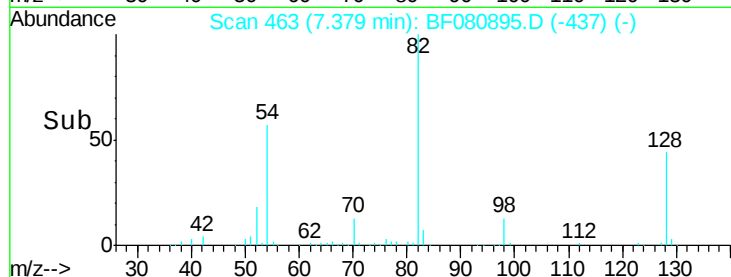
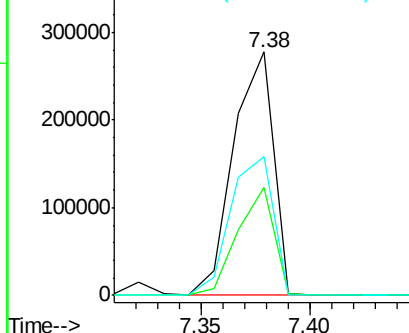
Tot Ion	Ratio	Resp	Lower	Upper
82	100	353706		
128	44.2		31.8	47.6
54	56.8		48.6	72.8

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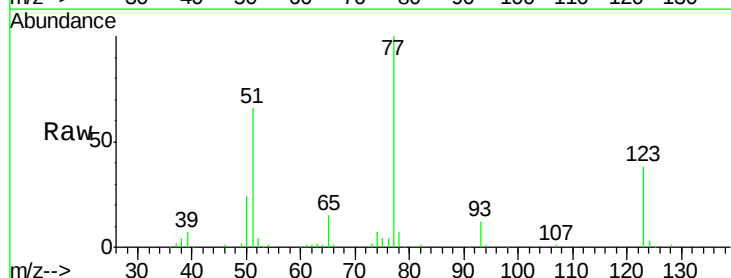


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

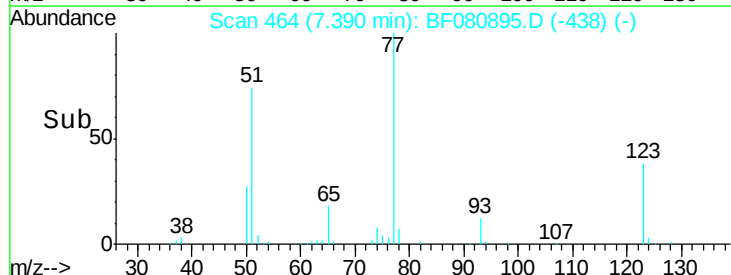
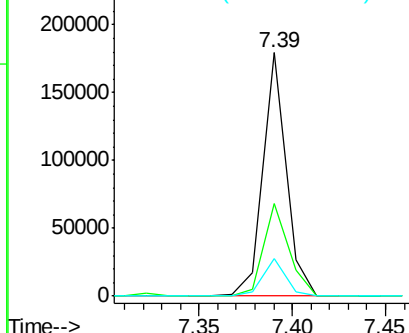


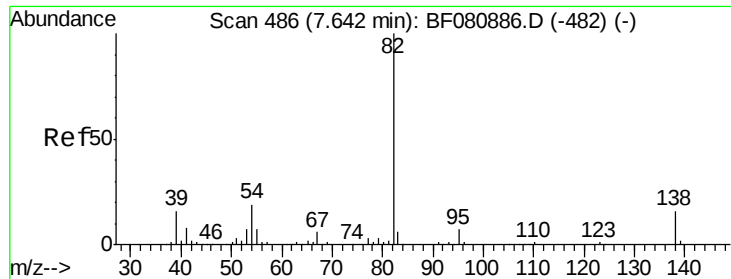
#24
 Nitrobenzene
 Concen: 31.75 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	153730		
123	38.3		28.3	42.5
65	15.3		12.5	18.7



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





#25

Isophorone

Concen: 32.48 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

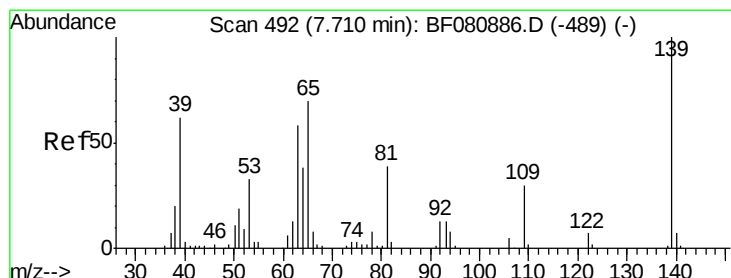
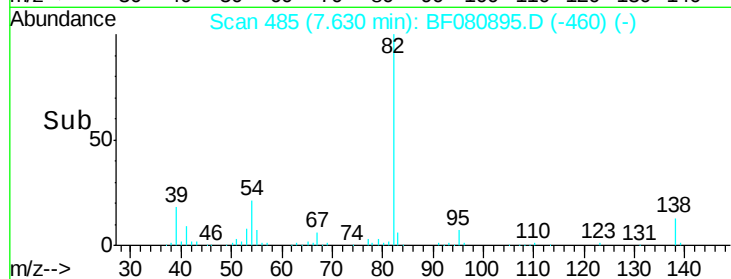
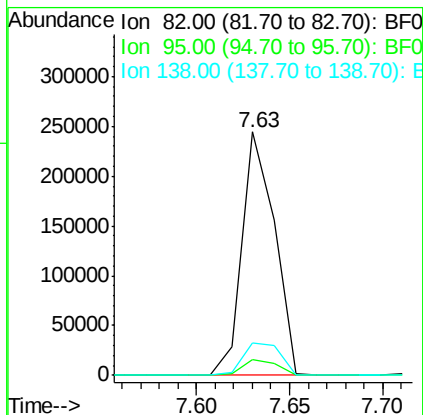
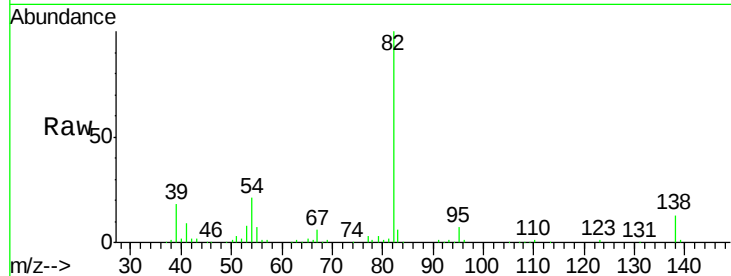
ClientSampleId :

PB84862BS

Tot Ion:	82	Resp:	295806
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.7	8.5
138	13.2	13.0	19.6

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#26

2-Nitrophenol

Concen: 36.30 ng

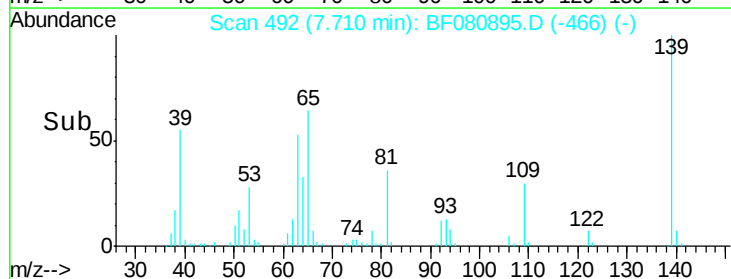
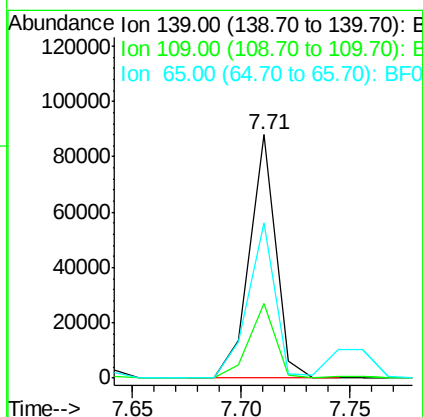
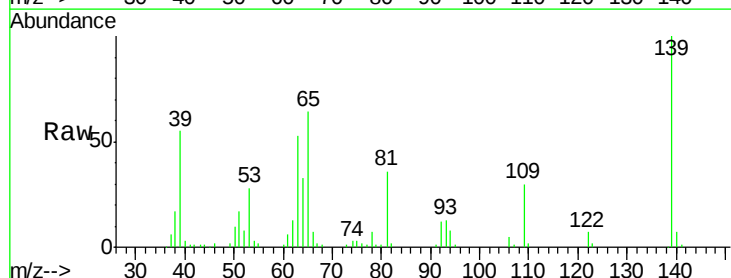
RT: 7.71 min Scan# 492

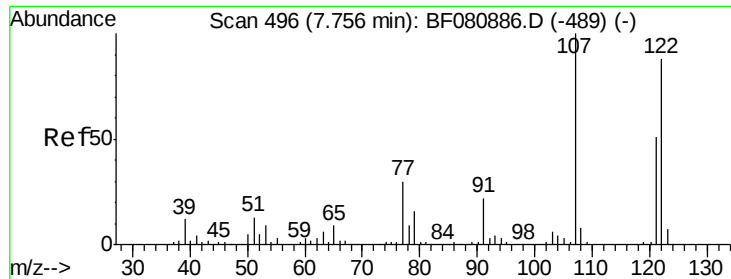
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	139	Resp:	73780
Ion Ratio		Lower	Upper
139	100		
109	30.5	24.2	36.4
65	63.7	55.6	83.4





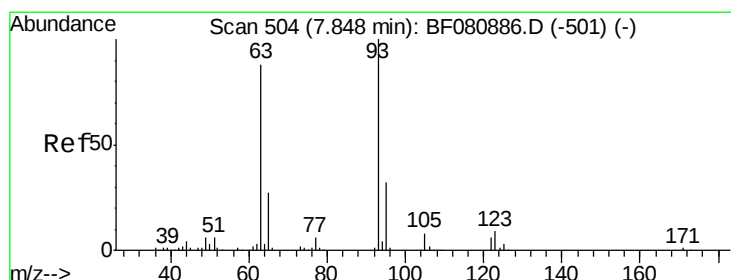
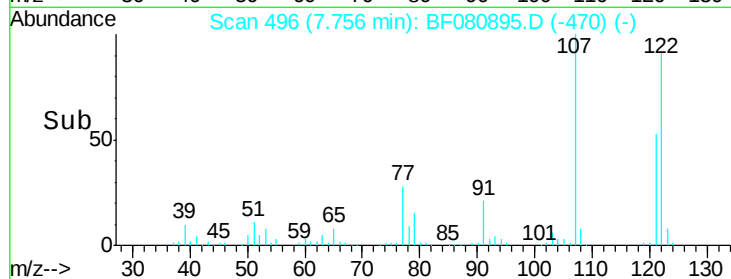
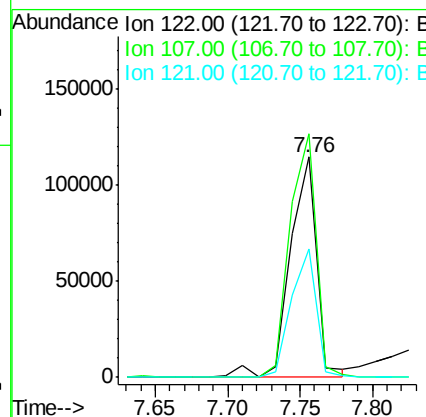
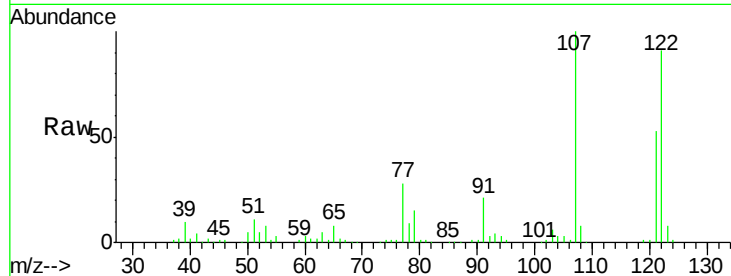
#27
 2,4-Dimethylphenol
 Concen: 37.21 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		145100		
107	110.4	91.1	136.7		
121	58.0	46.2	69.4		

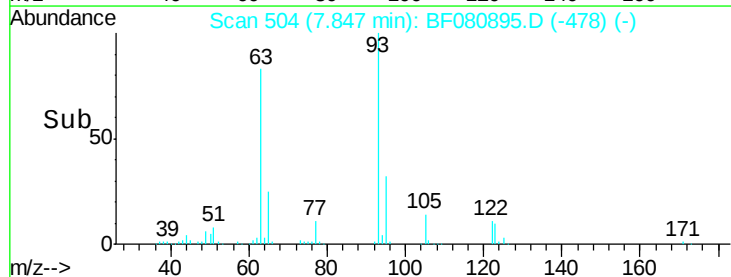
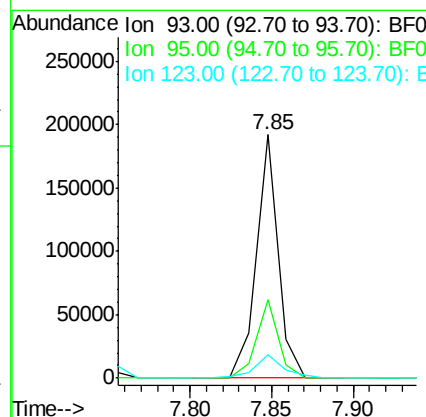
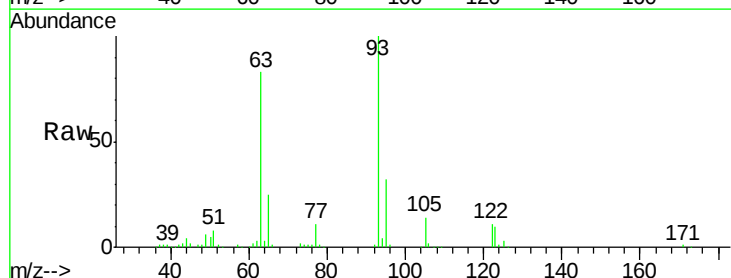
Manual Integrations
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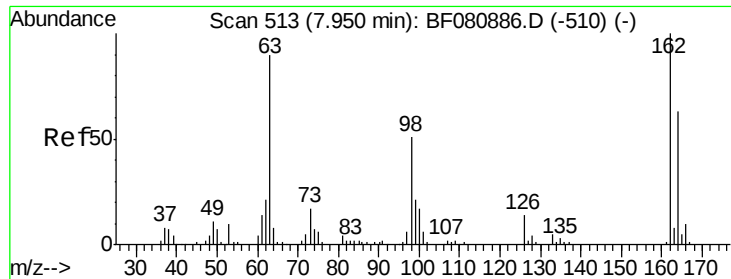
MMDadoda
 8/10/2015 10:15:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.89 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177551		
95	32.2	25.5	38.3		
123	9.8	7.6	11.4		





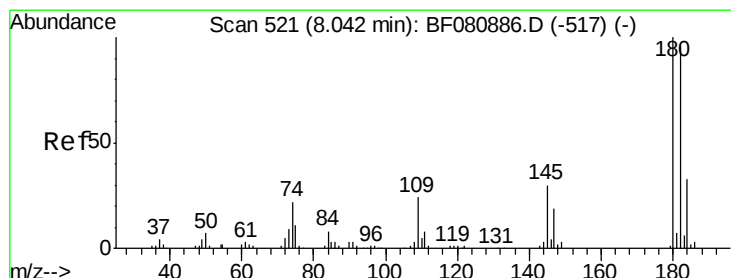
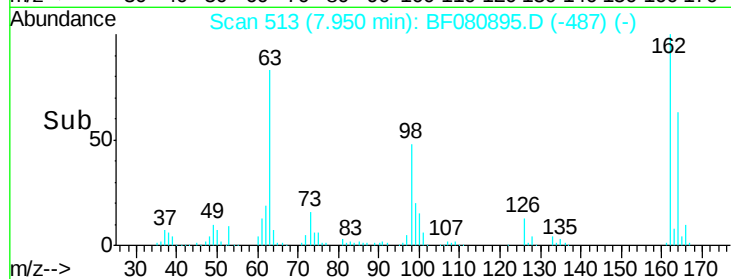
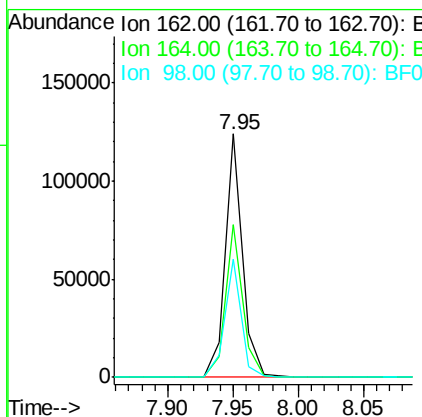
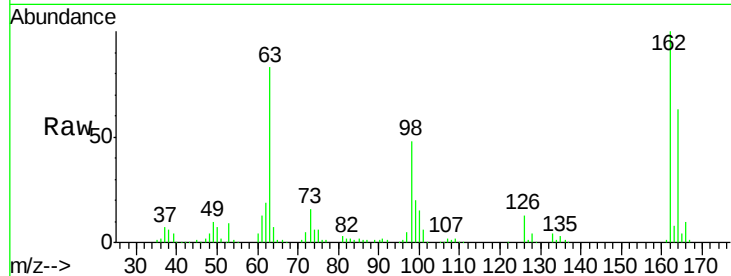
#29
 2,4-Dichlorophenol
 Concen: 36.84 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion:	162	Resp:	114502
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.4	83.4
98	48.5	30.9	70.9

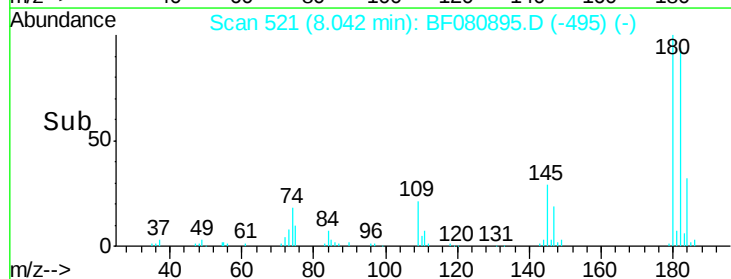
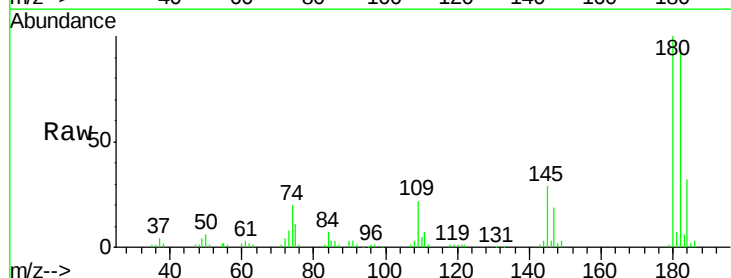
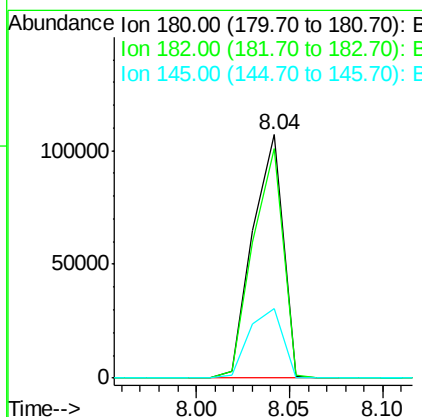
Manual Integrations
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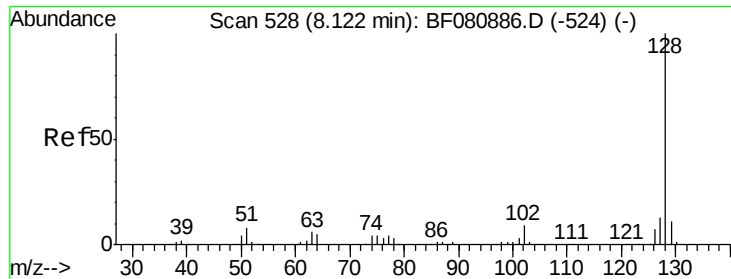
MMDadoda
 8/10/2015 10:15:14 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.04 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:	180	Resp:	120746
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.8	115.2
145	28.7	24.2	36.2





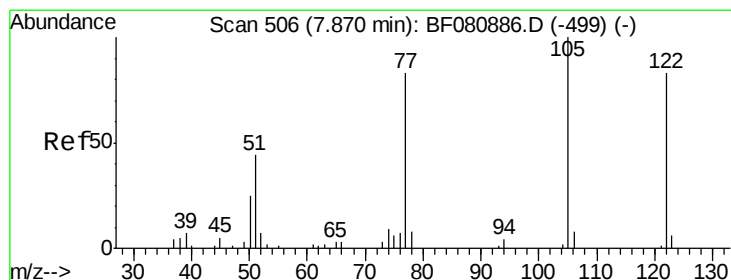
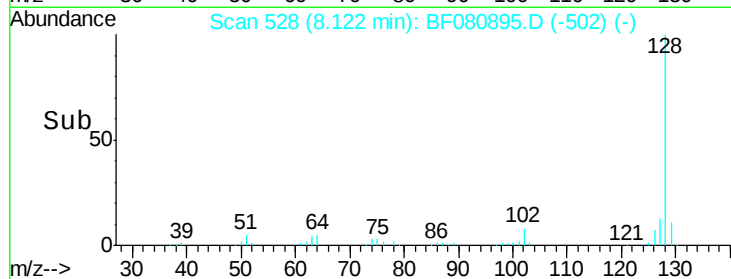
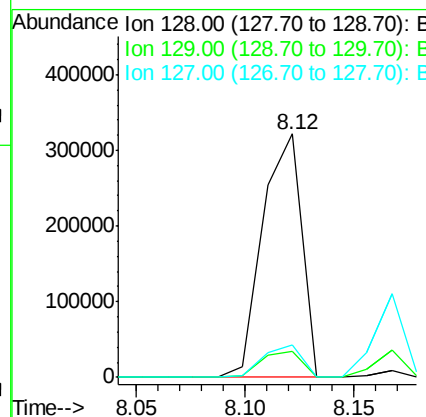
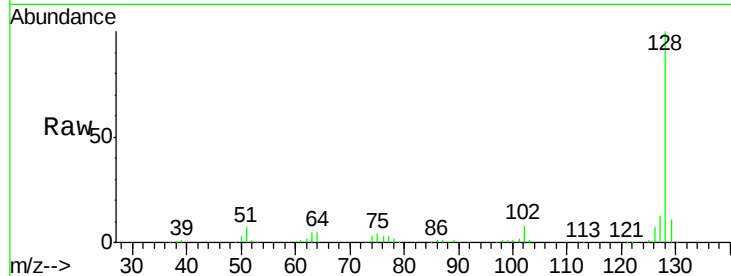
#31
Naphthalene
Concen: 33.43 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	406011		
129	10.6		8.6	13.0
127	13.2		10.6	15.8

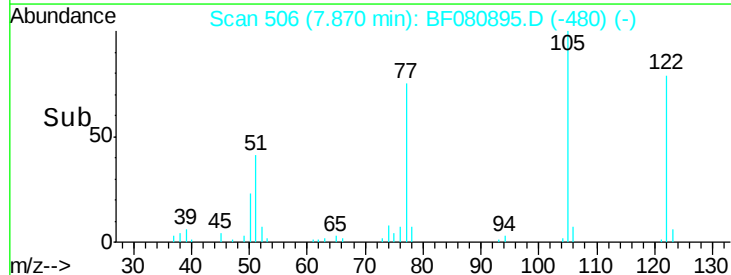
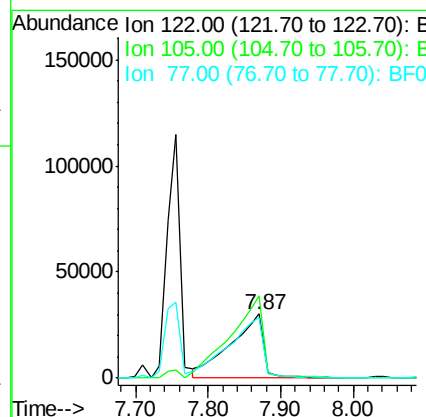
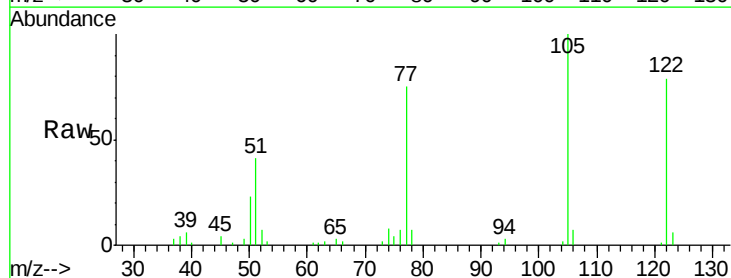
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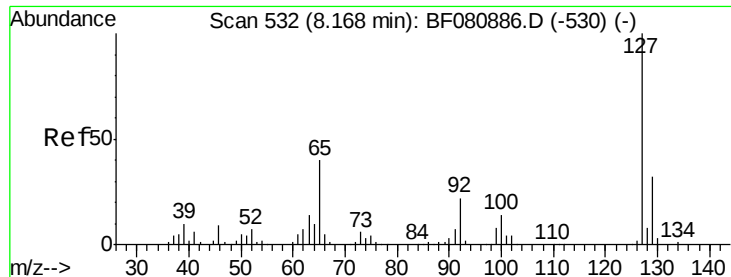
MMDadoda
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#32
Benzoic acid
Concen: 38.60 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	95711		
105	127.2		101.6	141.6
77	95.1		80.9	120.9





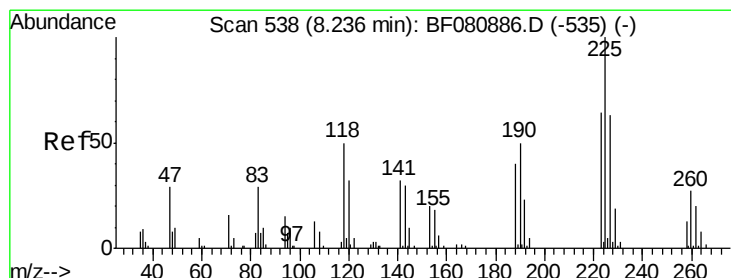
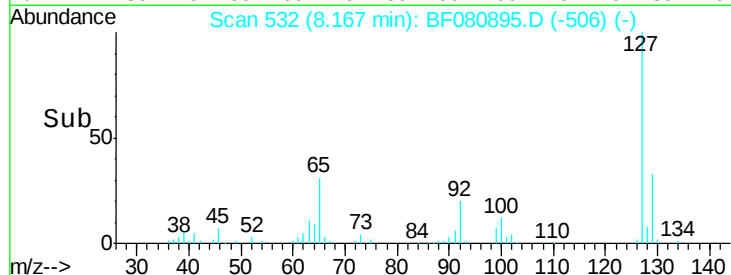
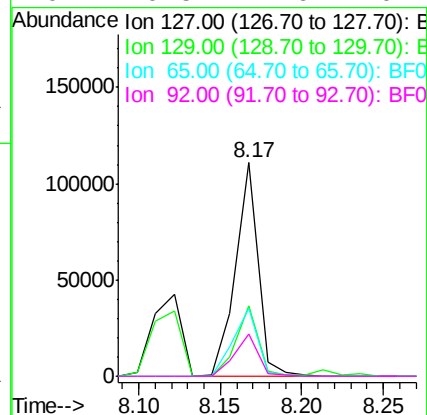
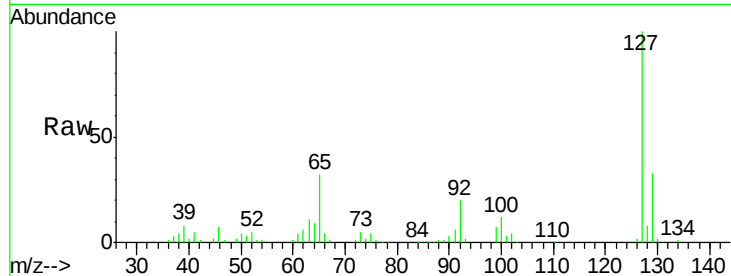
#33
4-Chloroaniline
Concen: 21.04 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.8	38.8		
65	31.5	31.7	47.5		
92	19.5	17.6	26.4		

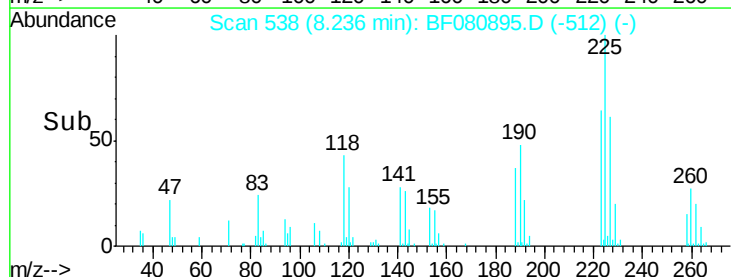
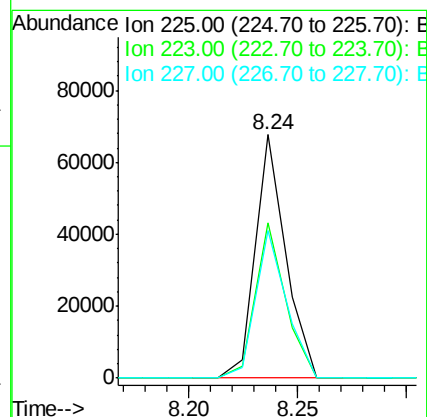
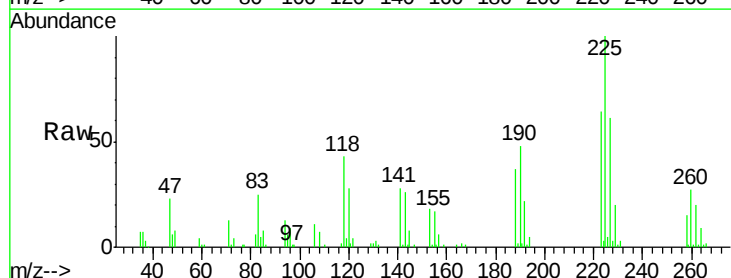
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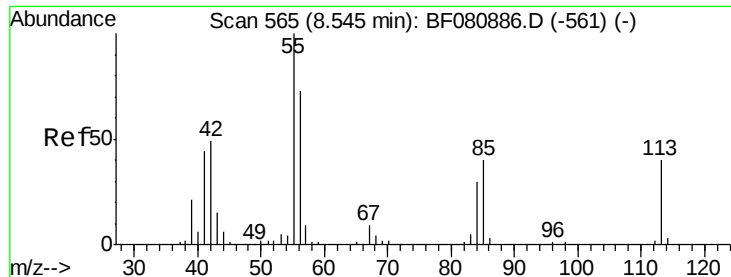
MMDadoda
8/10/2015 10:15:14 AM



#34
Hexachlorobutadiene
Concen: 33.29 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.2	76.8		
227	60.8	50.4	75.6		





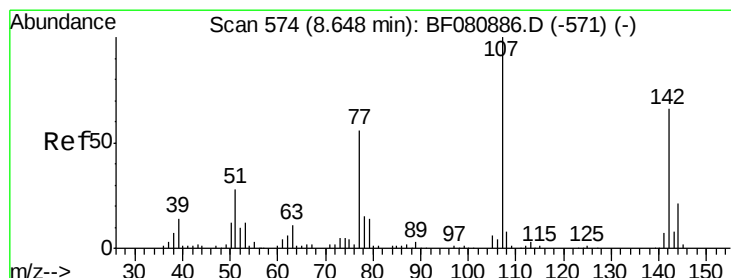
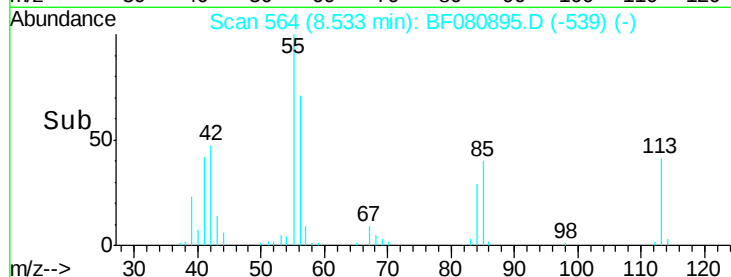
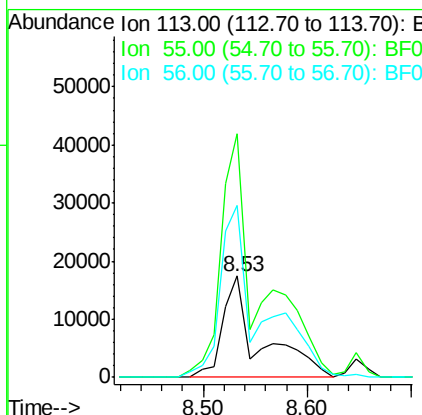
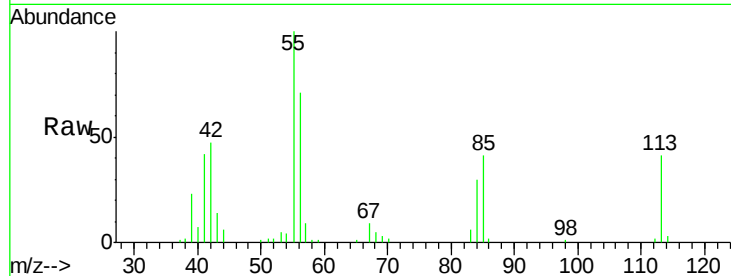
#35
 Caprolactam
 Concen: 36.53 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.3	228.4	268.4
56	170.9	161.5	201.5

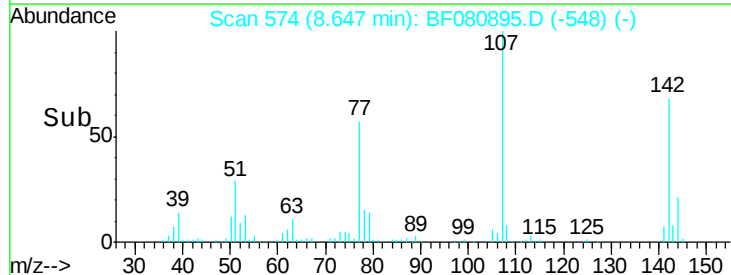
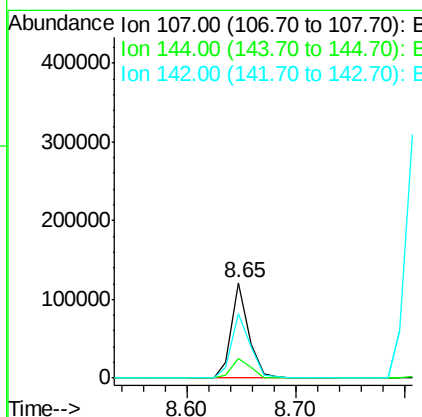
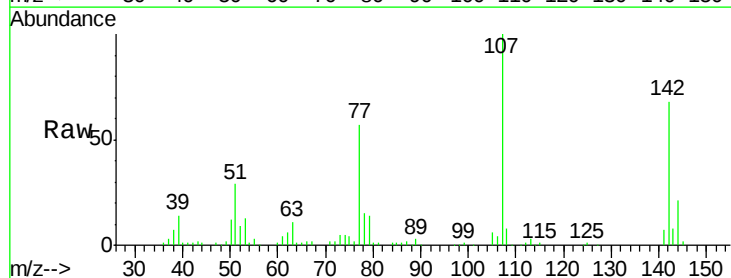
Manual Integrations
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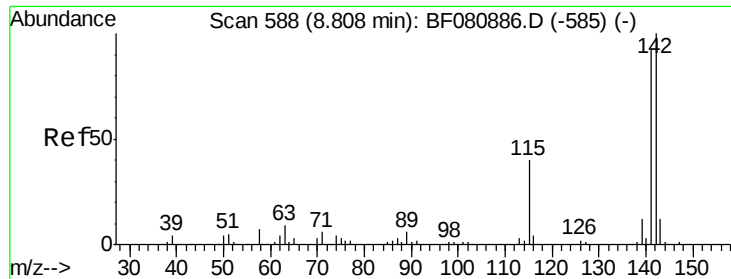
MMDadoda
 8/10/2015 10:15:14 AM



#36
 4-Chloro-3-methylphenol
 Concen: 35.72 ng/ml
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.6	17.0	25.6
142	68.2	52.6	78.8





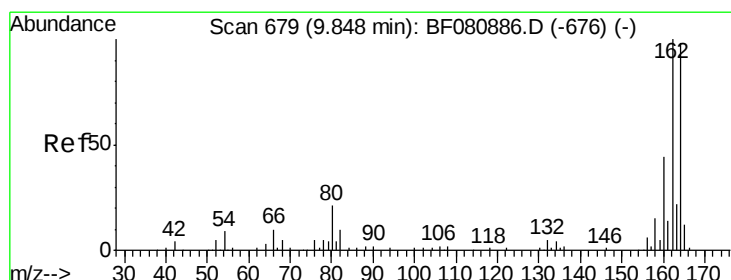
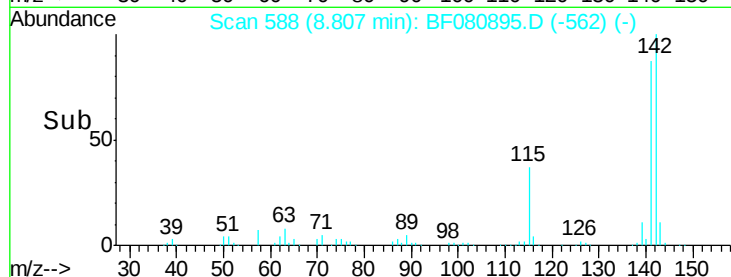
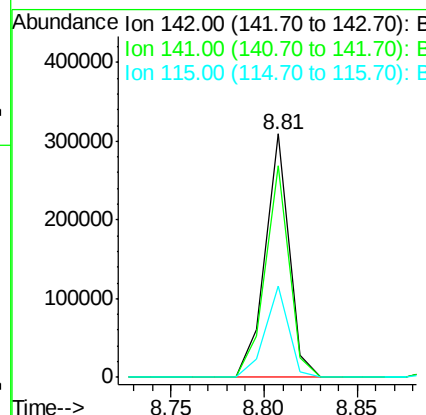
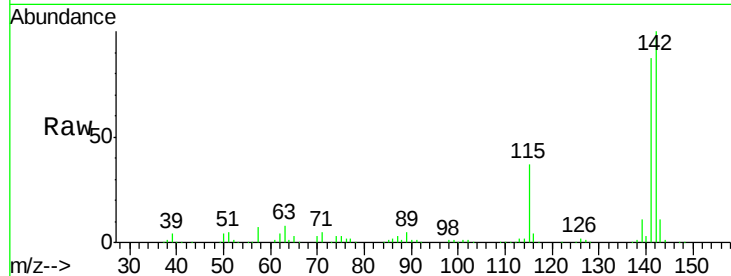
#37
 2-Methylnaphthalene
 Concen: 36.44 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.5	110.3
115	37.3	32.1	48.1

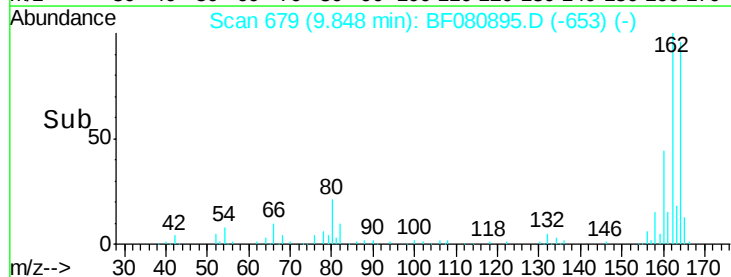
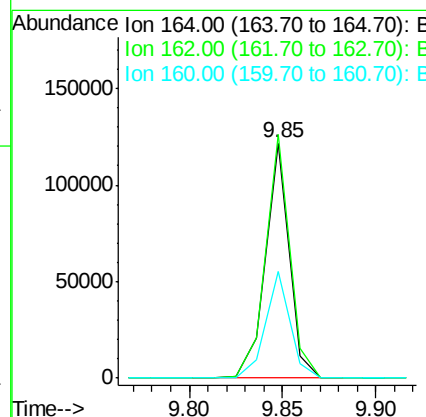
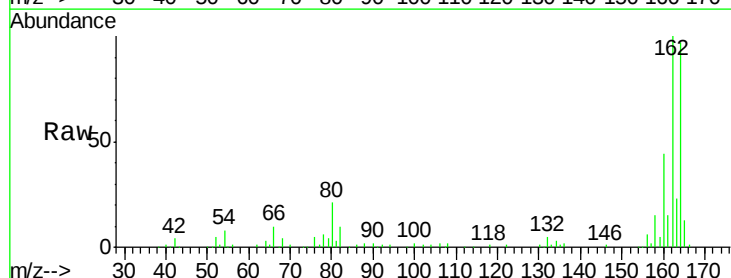
Manual Integrations
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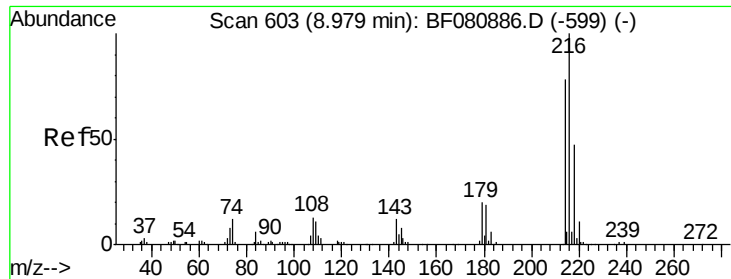
MMDadoda
 8/10/2015 10:15:14 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.5	122.3
160	45.4	35.9	53.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.93 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

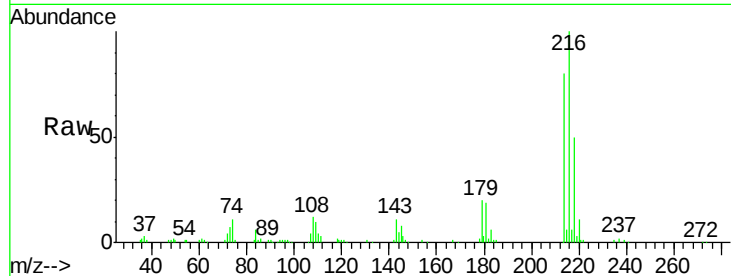
ClientSampleId :

PB84862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		109863		
214	79.9	62.8	94.2		
179	22.0	17.0	25.6		
108	22.5	16.7	25.1		

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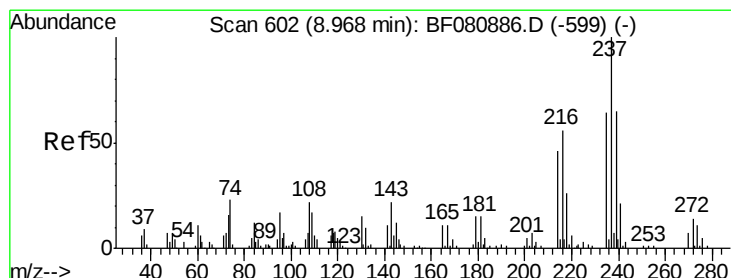
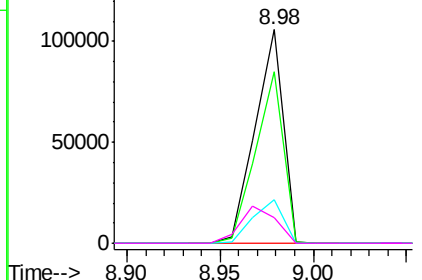
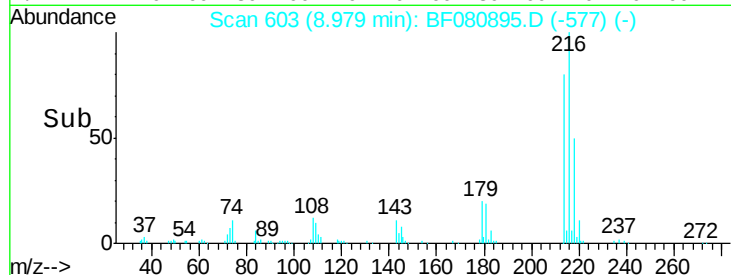


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.95 ng

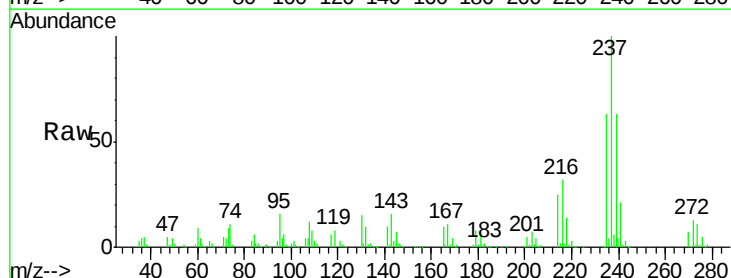
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

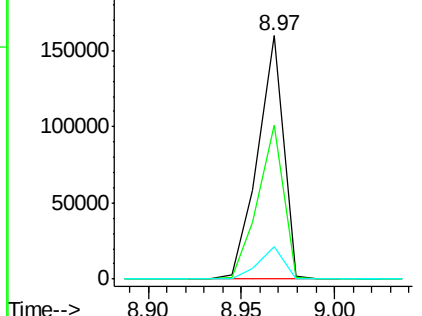
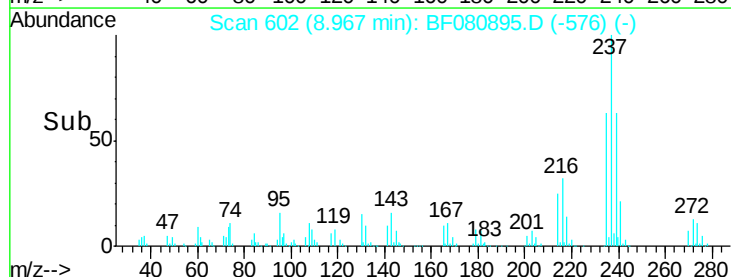
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		152249		
235	63.1	43.7	83.7		
272	13.3	0.0	33.8		

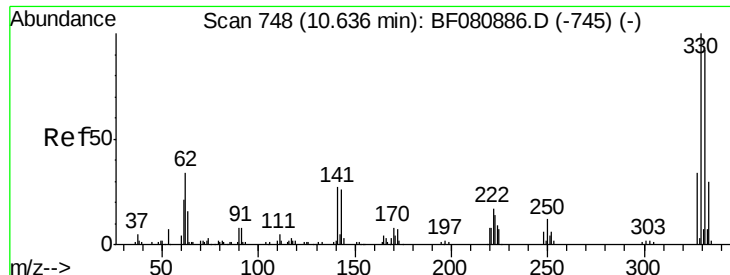


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





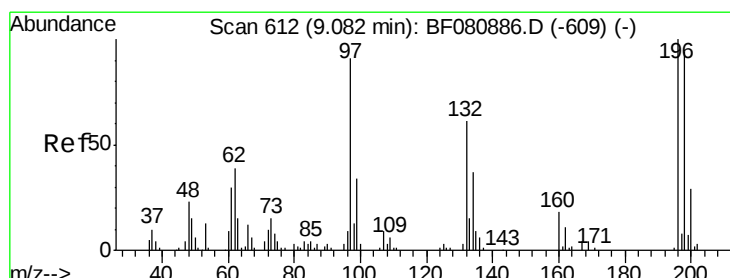
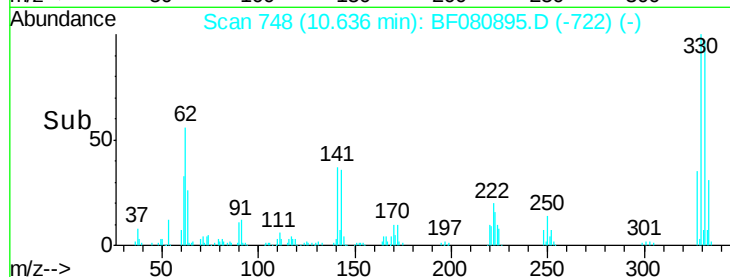
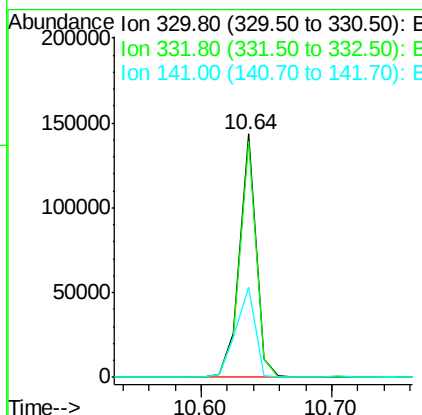
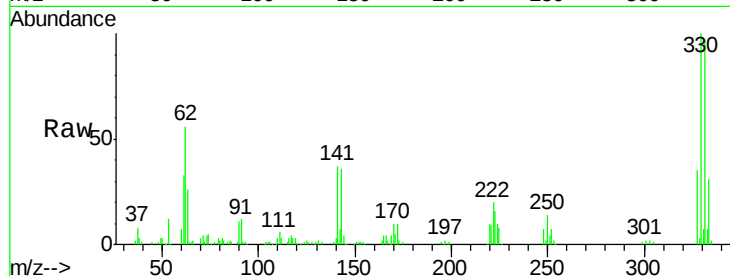
#41
 2,4,6-Tribromophenol
 Concen: 109.99 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion:	330	Resp:	125579
Ion Ratio	Lower	Upper	
330	100		
332	96.1	74.1	111.1
141	43.2	30.1	45.1

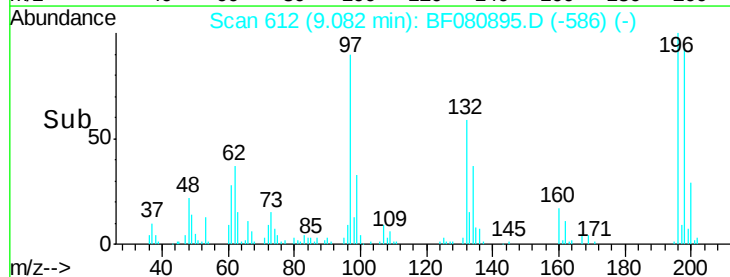
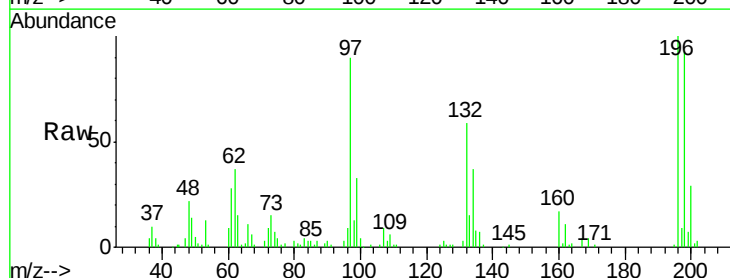
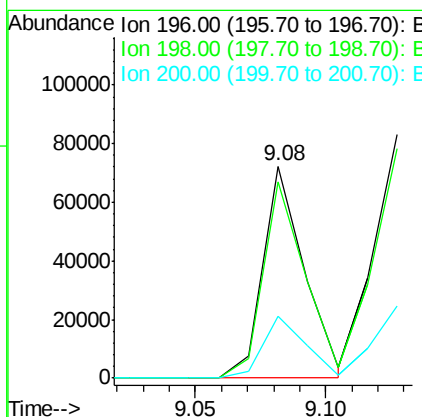
Manual Integrations
 APPROVED

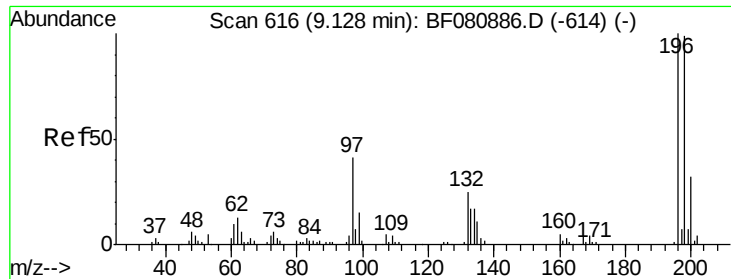
MMDadoda
 8/10/2015 10:15:14 AM



#42
 2,4,6-Trichlorophenol
 Concen: 33.50 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:	196	Resp:	80032
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.9	112.3
200	29.0	23.2	34.8





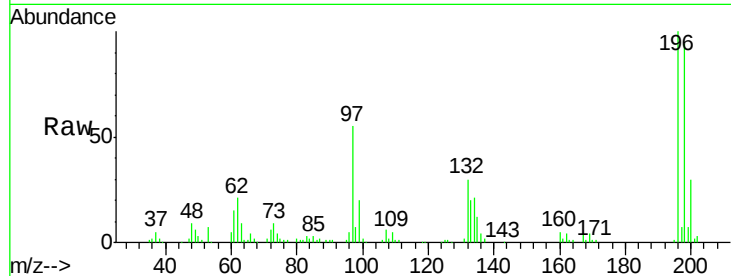
#43
 2,4,5-Trichlorophenol
 Concen: 35.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

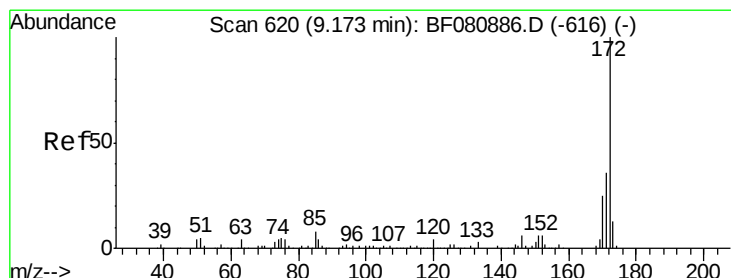
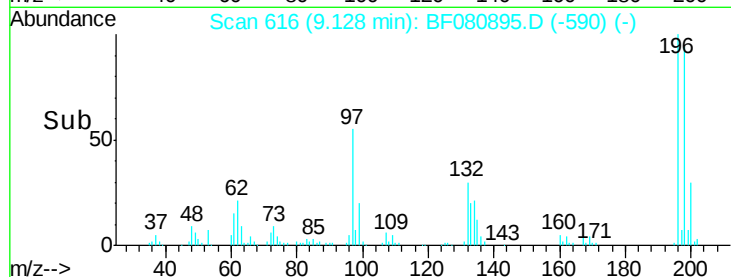
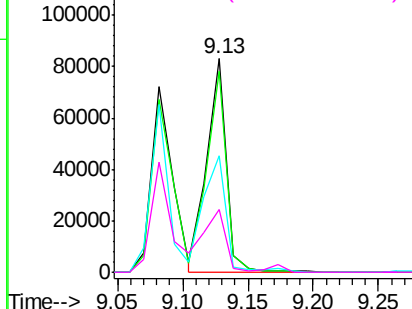
Tot Ion	196	Resp	87012
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.7	118.1
97	54.7	33.9	50.9#
132	29.5	20.1	30.1

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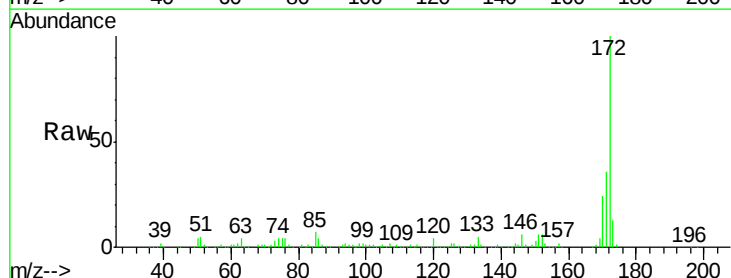


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

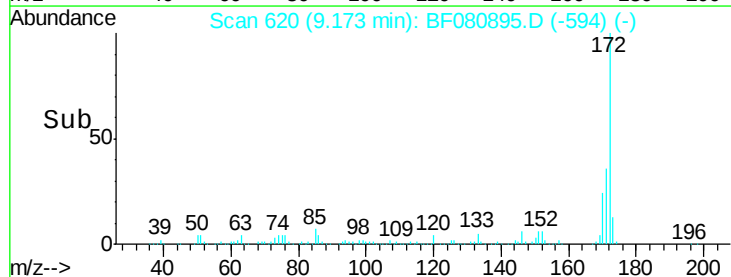
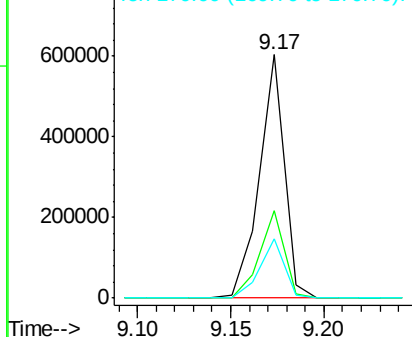


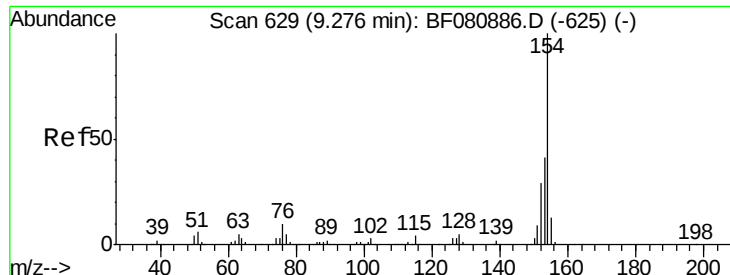
#44
 2-Fluorobiphenyl
 Concen: 74.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	172	Resp	556184
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	24.1	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.79 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

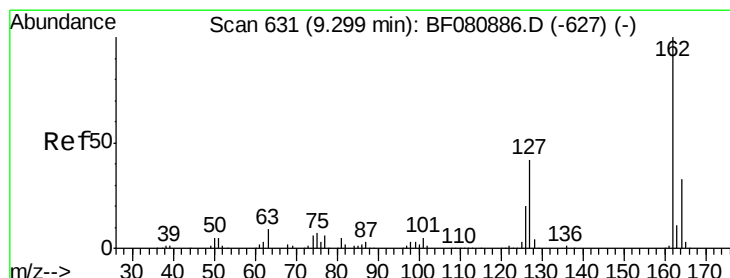
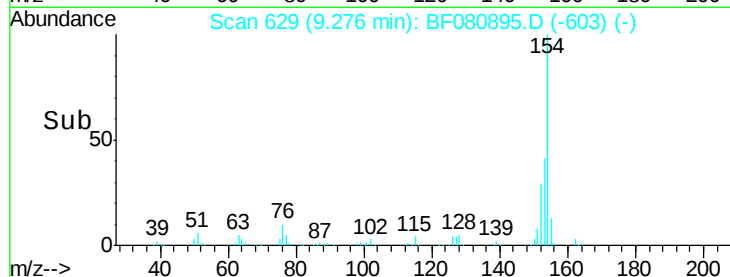
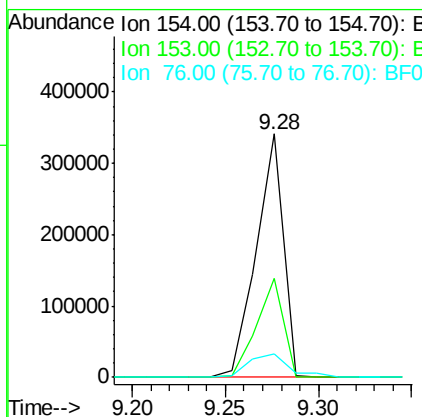
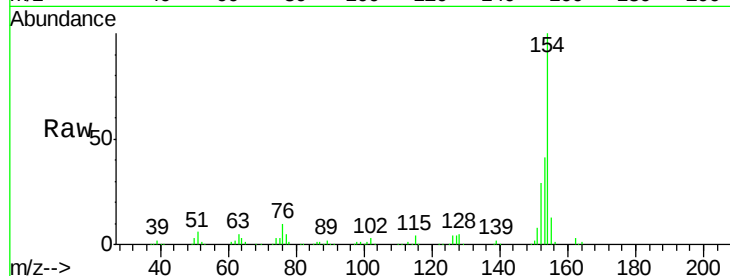
ClientSampleId :

PB84862BS

Tot Ion:	154	Resp:	339825
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.8	60.8
76	9.6	0.0	30.3

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#46

2-Chloronaphthalene

Concen: 36.03 ng

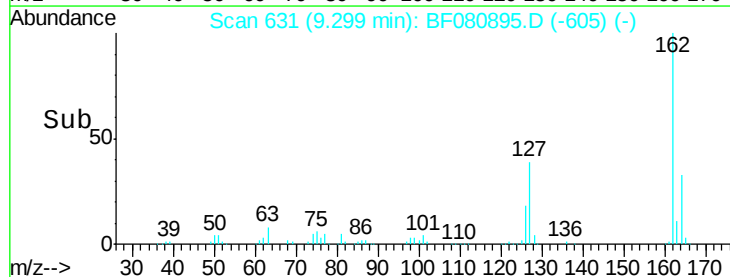
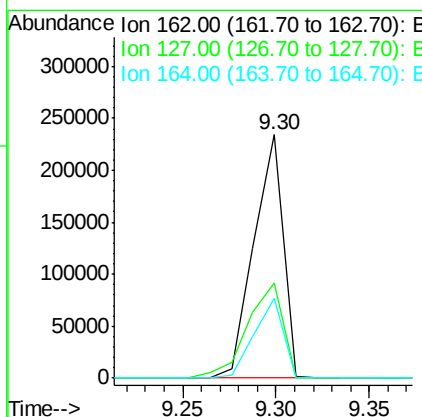
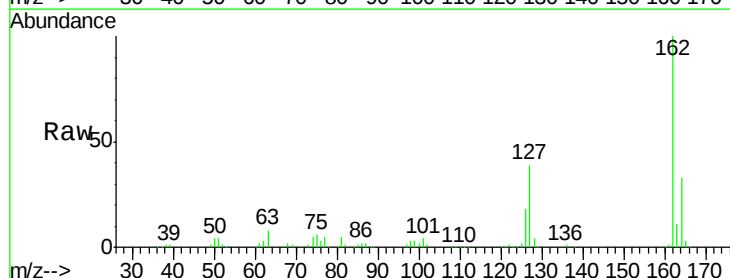
RT: 9.30 min Scan# 631

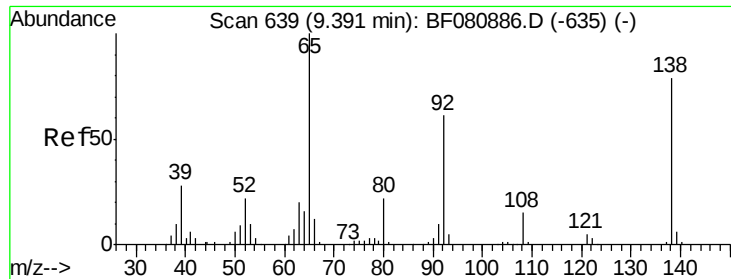
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	162	Resp:	253303
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.5	50.3
164	32.9	26.5	39.7





#47

2-Nitroaniline

Concen: 39.84 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

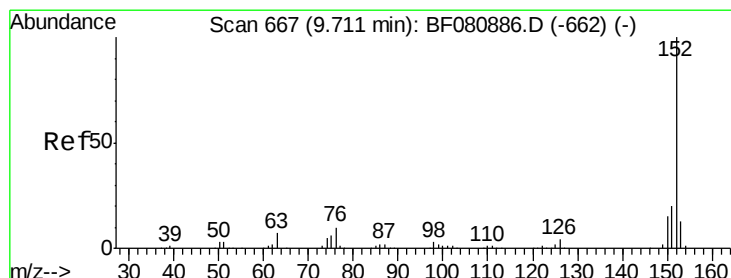
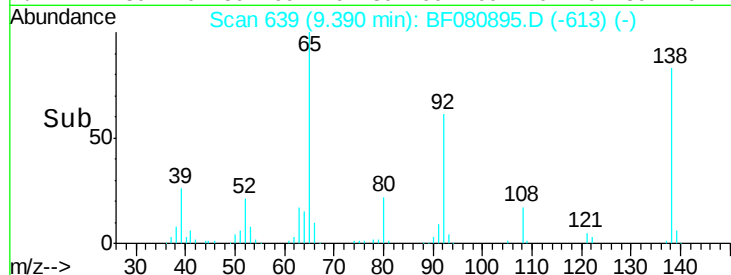
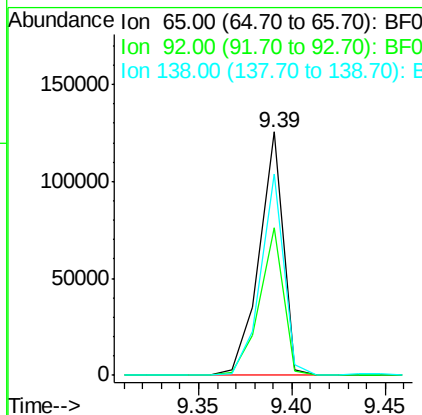
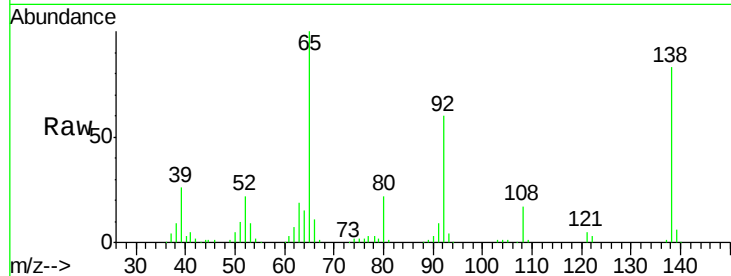
ClientSampleId :

PB84862BS

Tot Ion:	65	Resp:	113933
Ion Ratio	Lower	Upper	
65	100		
92	60.4	48.5	72.7
138	82.9	63.3	94.9

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#48

Acenaphthylene

Concen: 36.19 ng

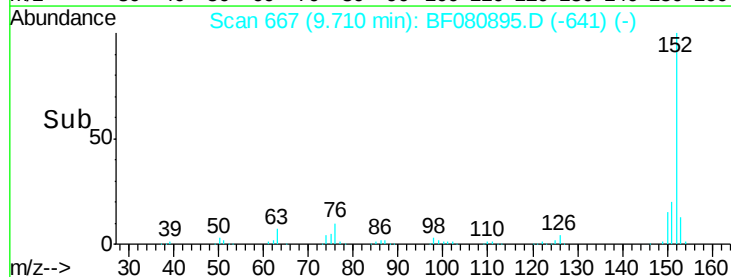
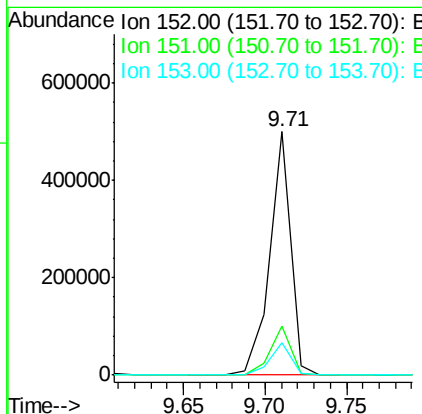
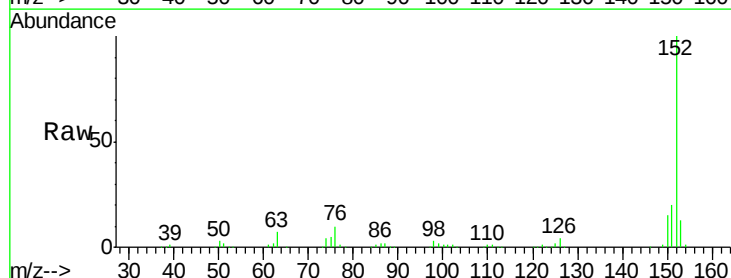
RT: 9.71 min Scan# 667

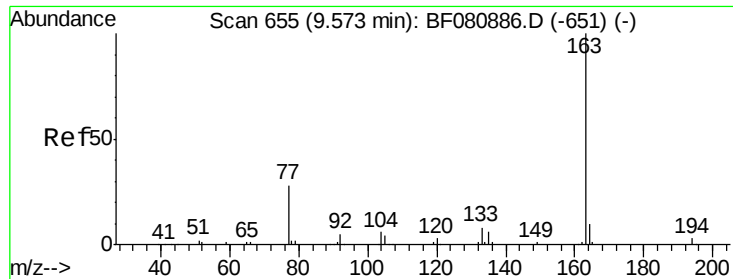
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	152	Resp:	446341
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.1	10.6	16.0





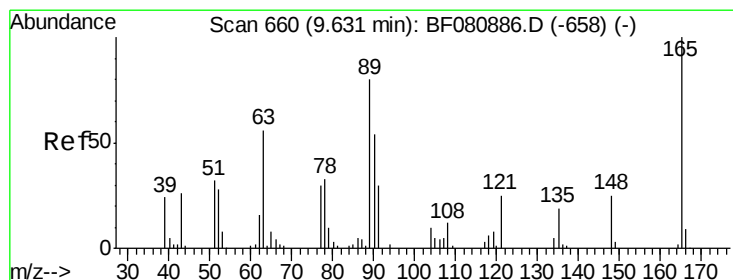
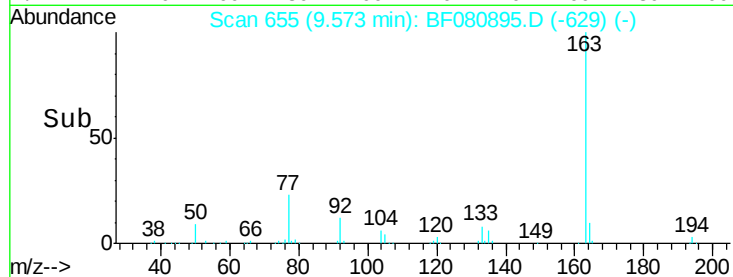
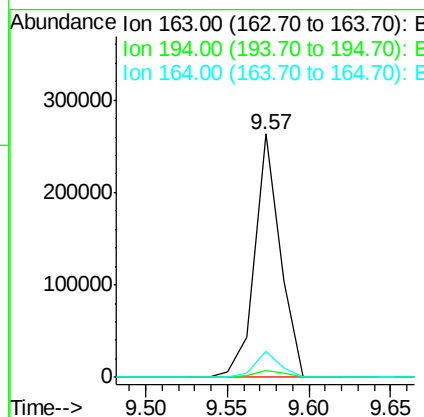
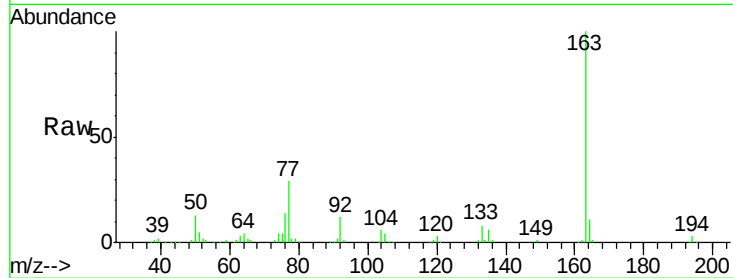
#49
Dimethylphthalate
Concen: 33.89 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.3	3.5
164	10.6	8.3	12.5

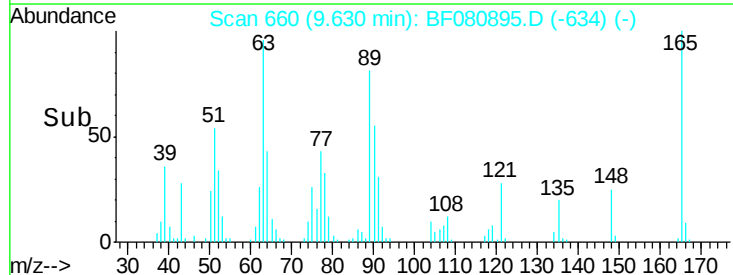
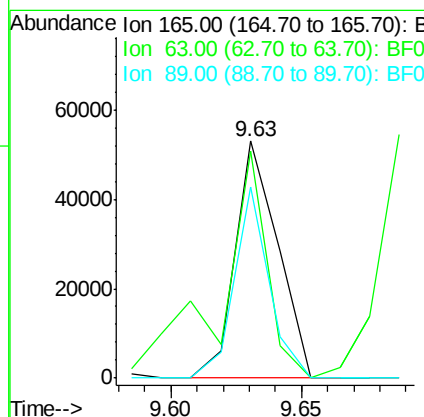
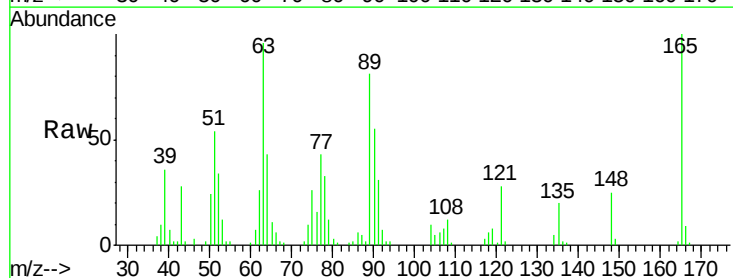
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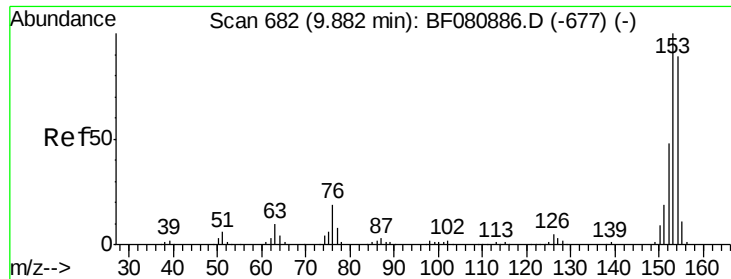
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 33.15 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	96.0	77.6	116.4
89	80.8	63.7	95.5





#51

Acenaphthene

Concen: 41.04 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

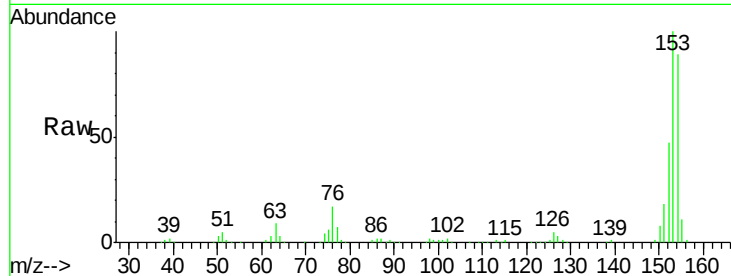
ClientSampleId :

PB84862BS

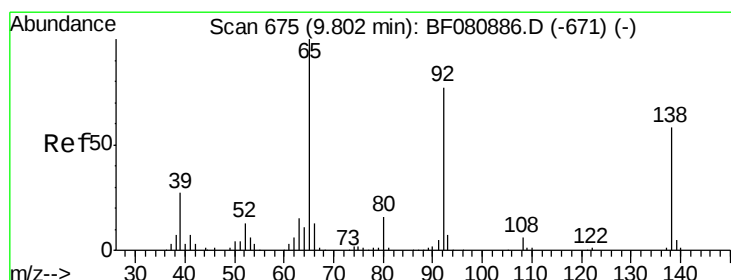
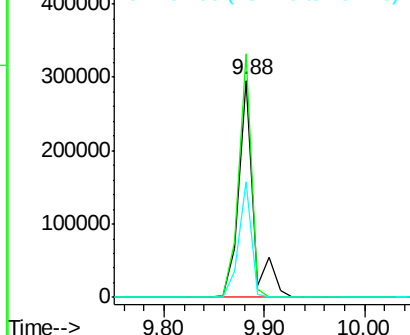
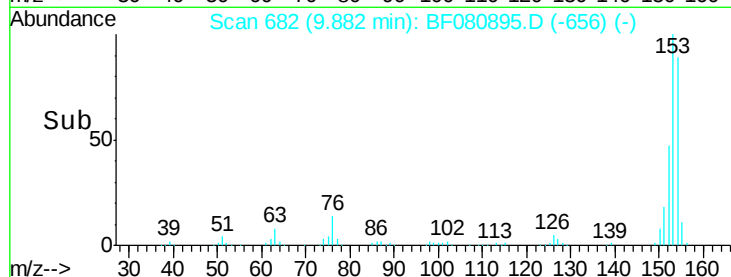
Tot Ion:	154	Resp:	307482
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.4	135.6
152	53.1	43.6	65.4

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



#52

3-Nitroaniline

Concen: 26.23 ng

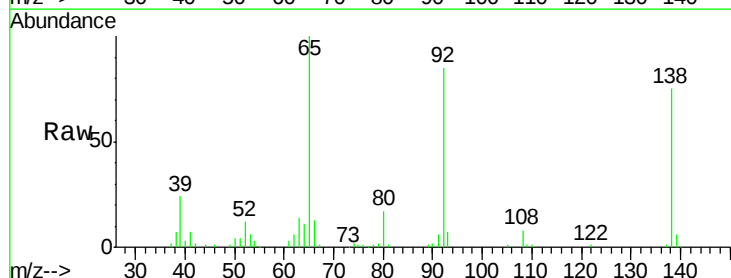
RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

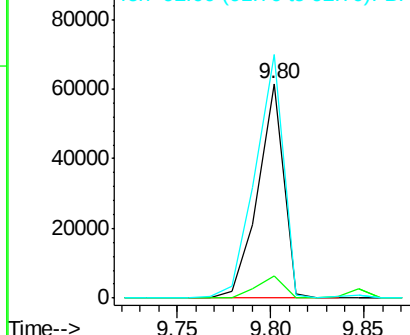
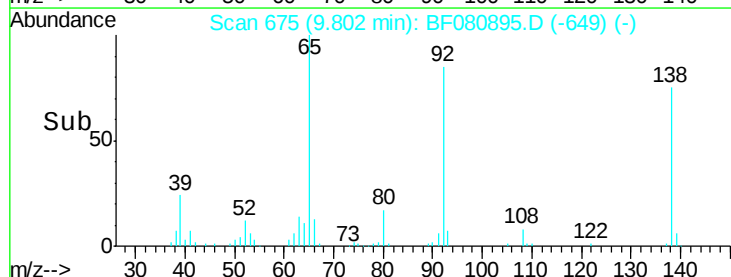
Lab File: BF080895.D

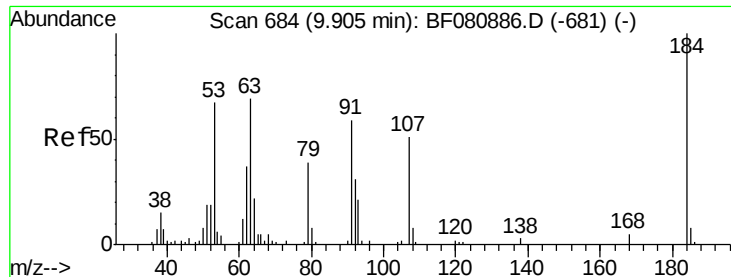
Acq: 6 Aug 2015 18:28

Tgt Ion:	138	Resp:	58699
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.9	13.3
92	113.7	106.2	159.2



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





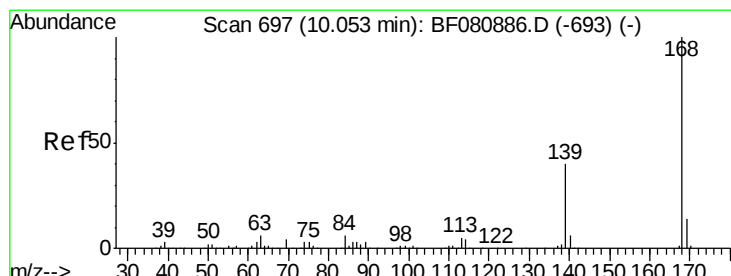
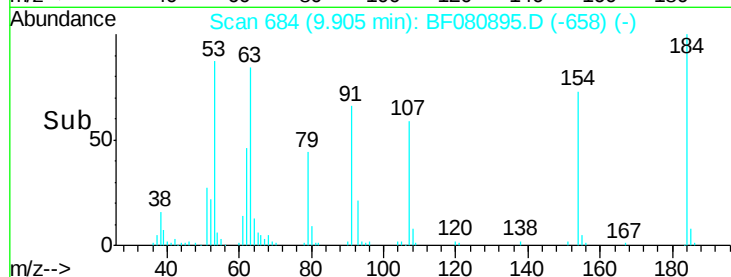
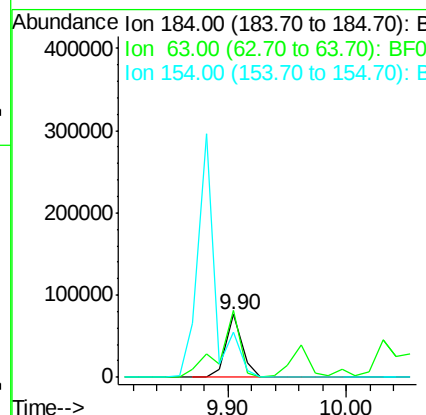
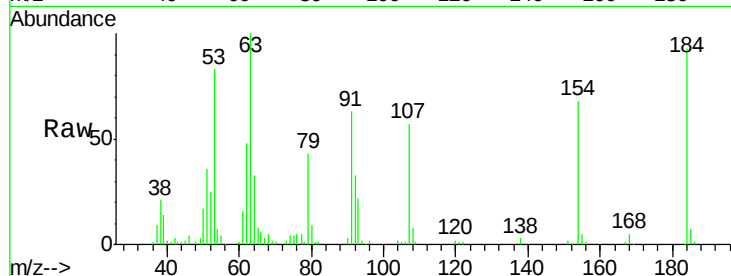
#53
 2,4-Dinitrophenol
 Concen: 73.75 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		73142		
63	107.0	67.6	101.4#		
154	72.7	54.3	81.5		

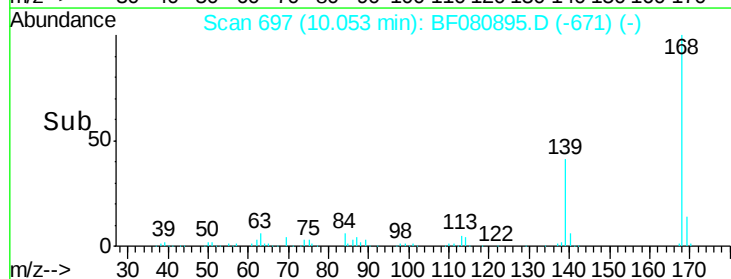
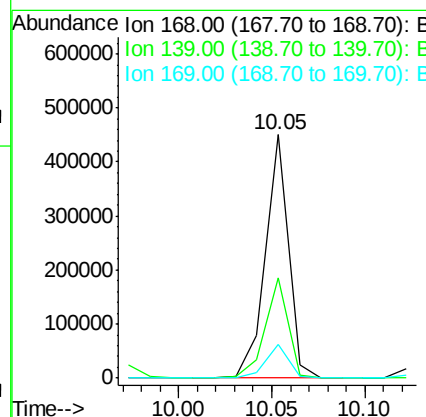
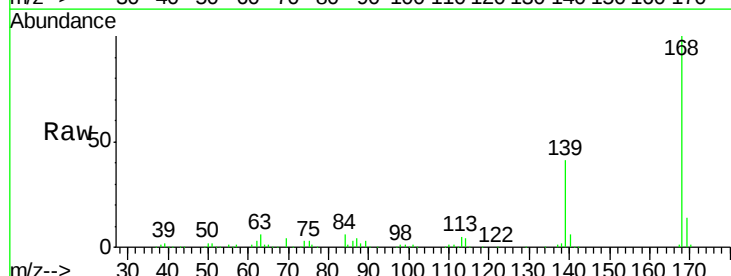
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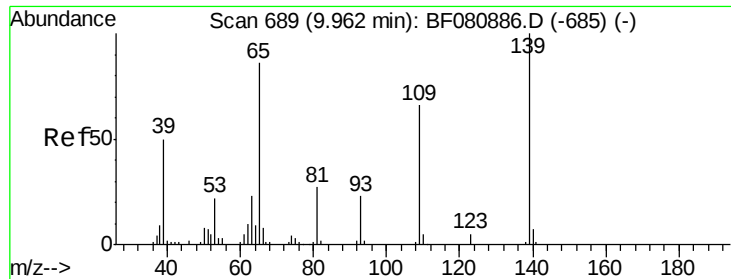
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#54
 Dibenzofuran
 Concen: 37.60 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		381565		
139	41.0	31.8	47.8		
169	13.7	10.8	16.2		





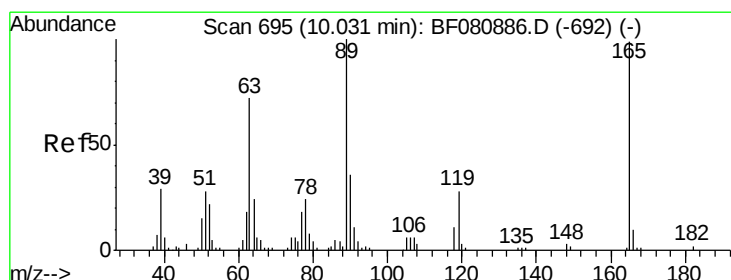
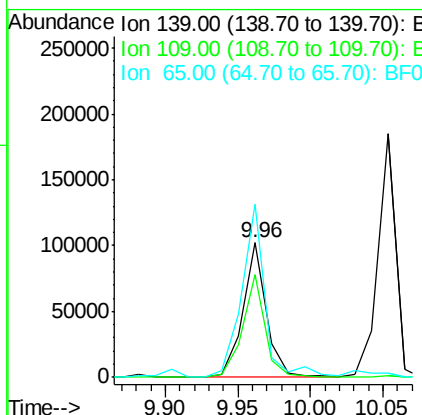
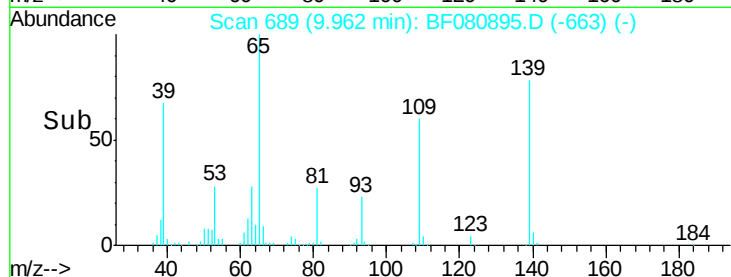
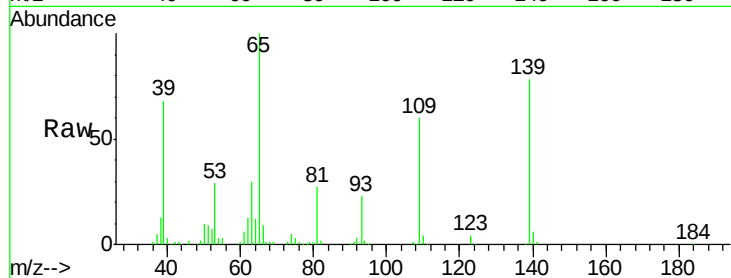
#55
4-Nitrophenol
Concen: 68.36 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.9	46.4	86.4	
65	128.7	65.6	105.6	

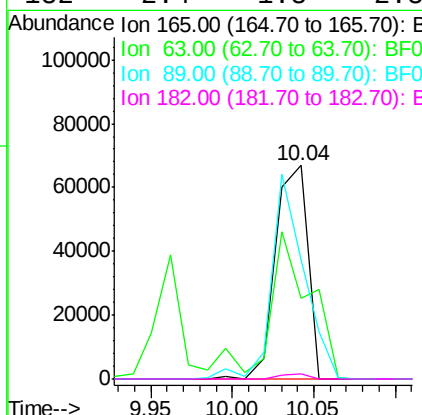
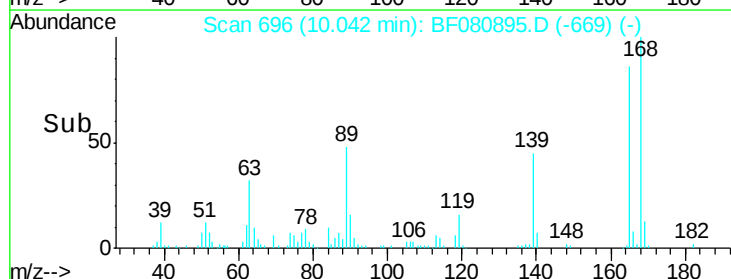
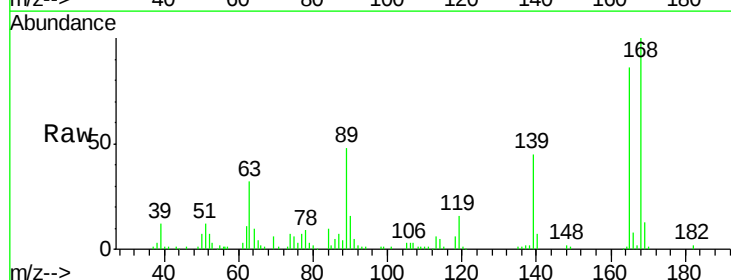
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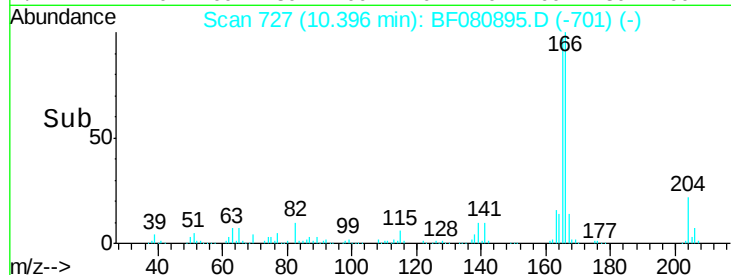
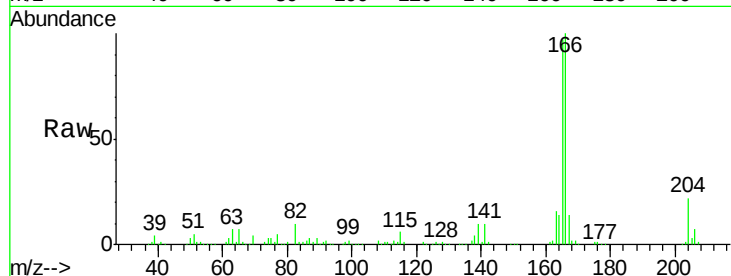
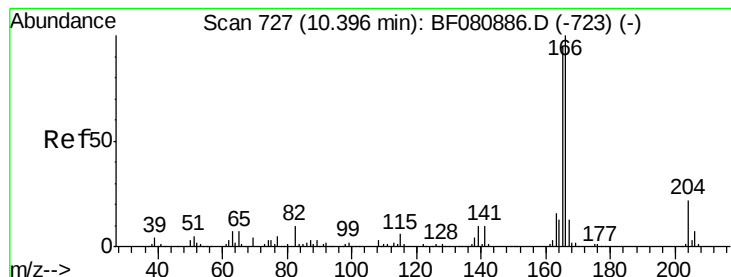
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#56
2,4-Dinitrotoluene
Concen: 37.84 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.5	58.6	87.8	
89	55.5	80.7	121.1	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 38.13 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tot Ion	166	Resp	302807
Ion Ratio	Lower	Upper	
166	100		
165	97.1	75.9	113.9
167	13.7	10.8	16.2

Instrument :

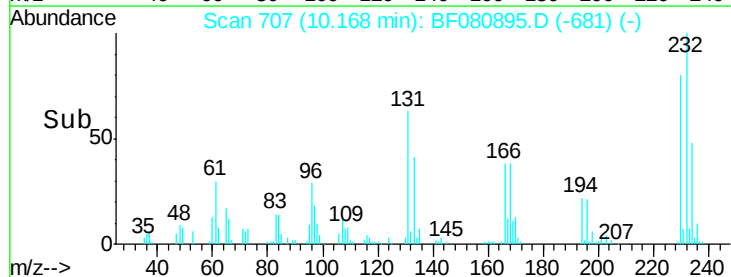
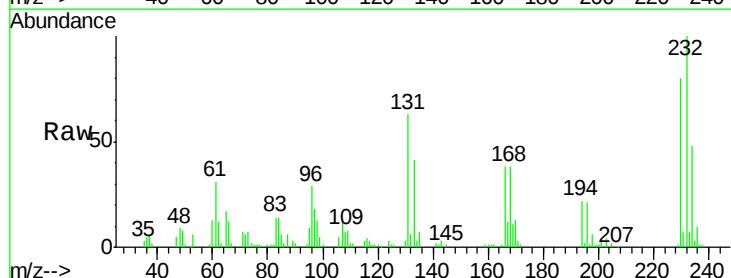
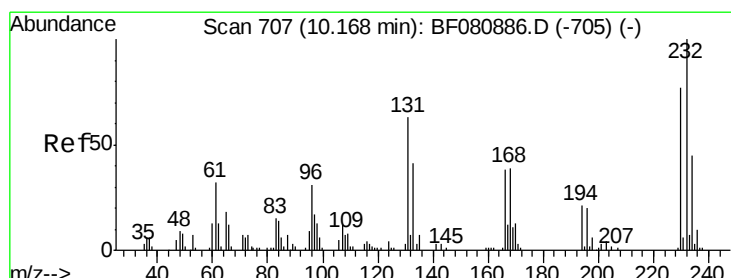
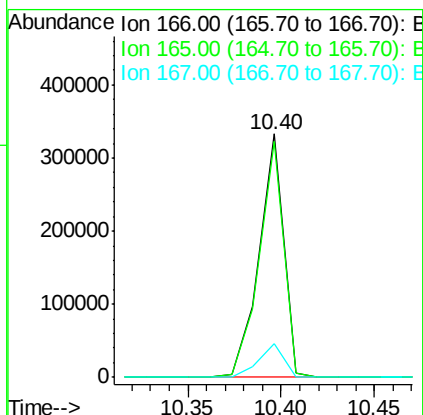
BNA_F

ClientSampleId :

PB84862BS

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.74 ng

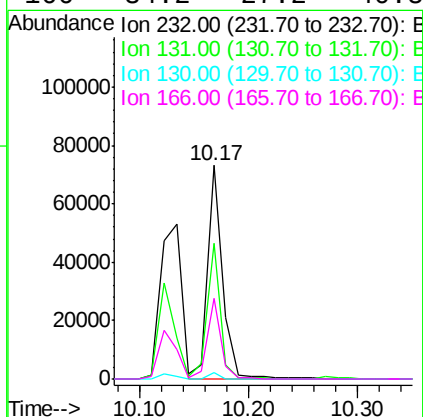
RT: 10.17 min Scan# 707

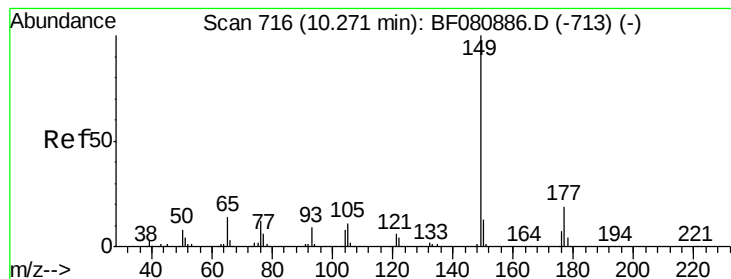
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion	232	Resp	70998
Ion Ratio	Lower	Upper	
232	100		
131	56.0	44.9	67.3
130	2.2	1.9	2.9
166	34.2	27.2	40.8





#59

Diethylphthalate

Concen: 35.99 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

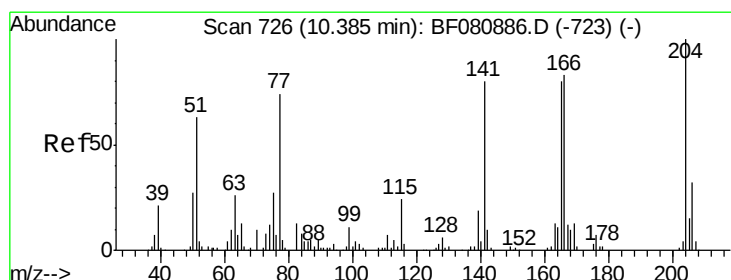
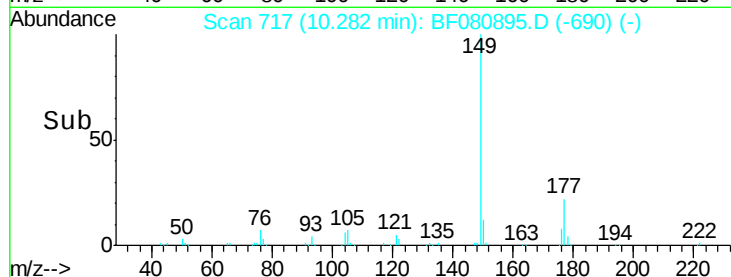
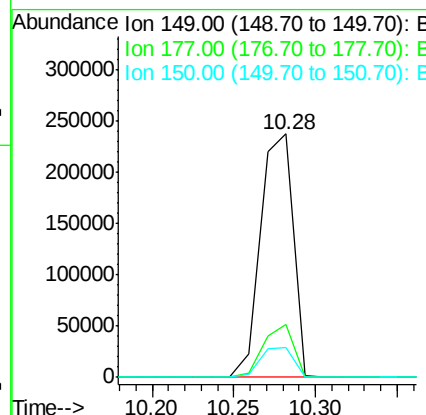
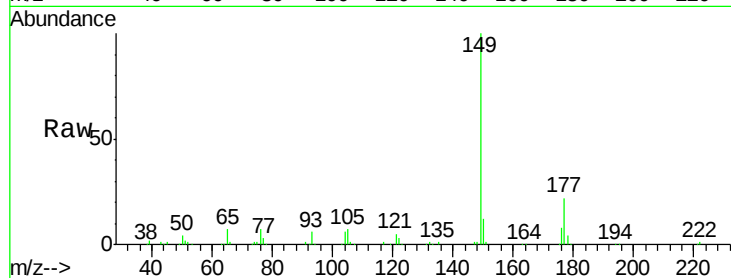
ClientSampleId :

PB84862BS

Tot Ion:	149	Resp:	330955
Ion Ratio	Lower	Upper	
149	100		
177	21.8	14.9	22.3
150	12.1	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 33.59 ng

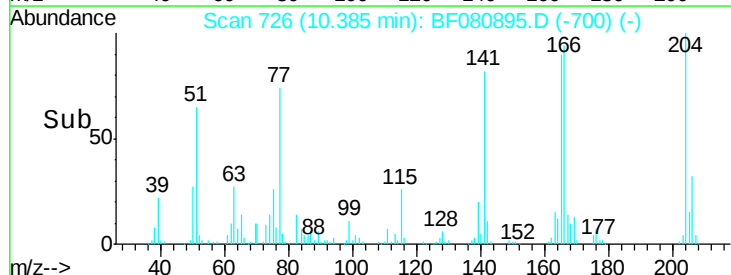
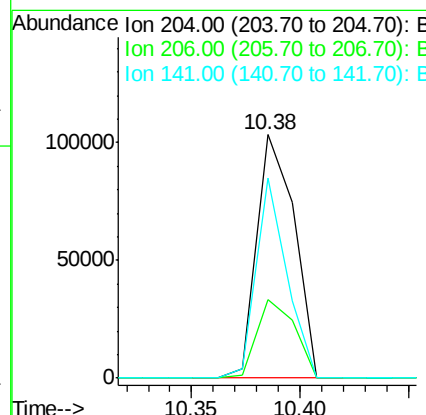
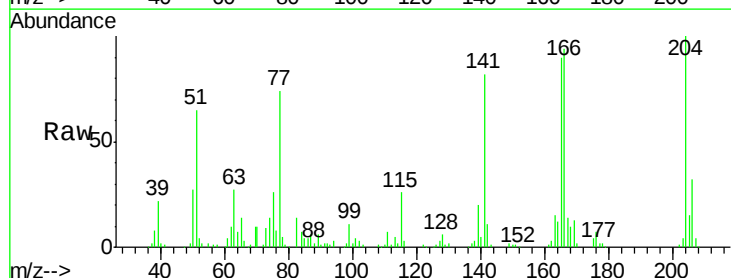
RT: 10.38 min Scan# 726

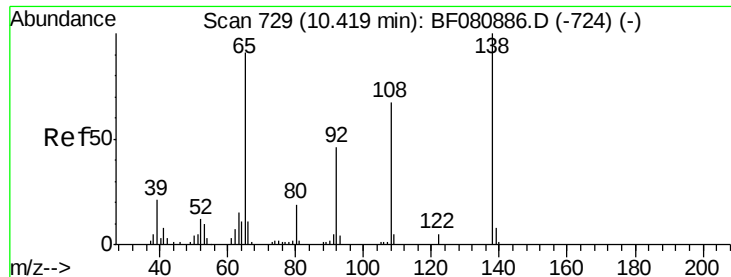
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	204	Resp:	125026
Ion Ratio	Lower	Upper	
204	100		
206	32.2	25.8	38.6
141	82.1	63.8	95.6





#61

4-Nitroaniline

Concen: 35.80 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

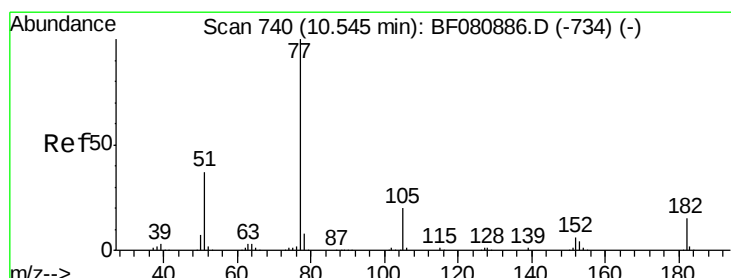
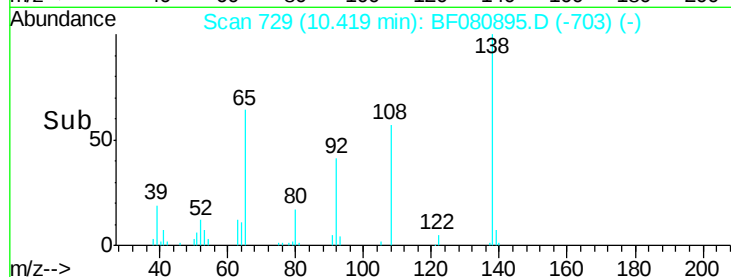
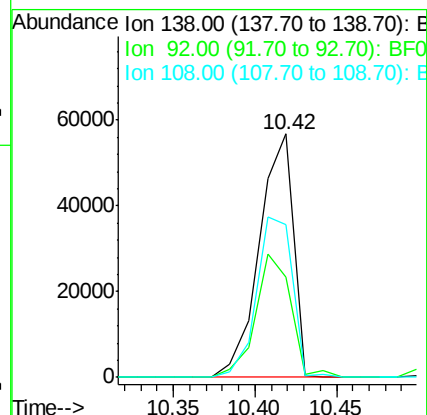
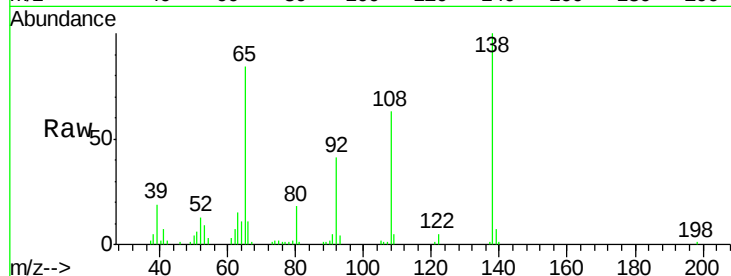
ClientSampleId :

PB84862BS

Tot Ion:	138	Resp:	82167
Ion Ratio	Lower	Upper	
138	100		
92	41.0	25.6	65.6
108	62.9	46.9	86.9

Manual Integrations
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#62

Azobenzene

Concen: 35.78 ng

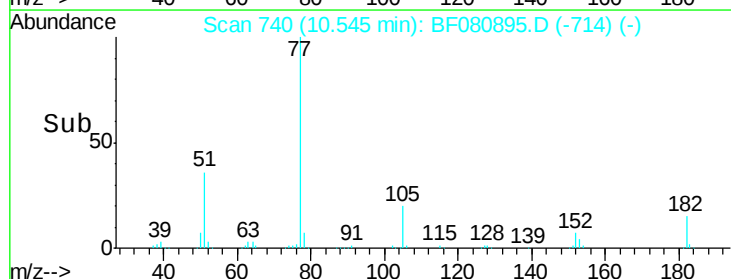
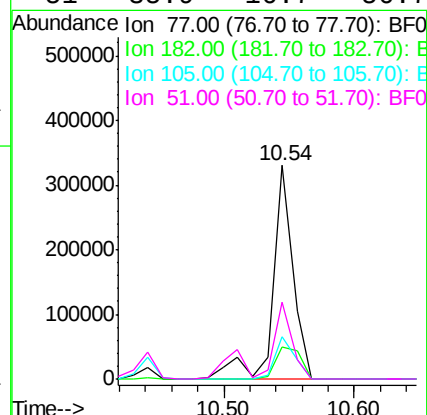
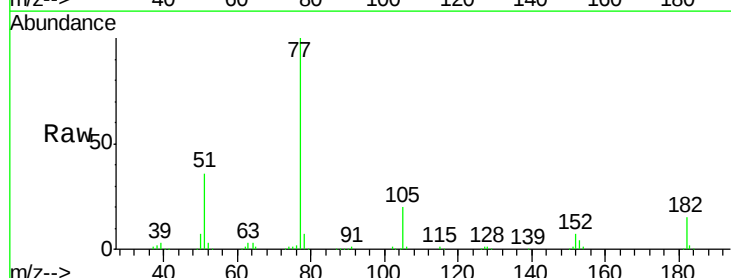
RT: 10.54 min Scan# 740

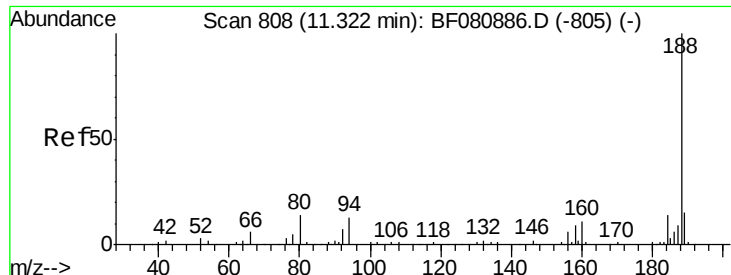
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	77	Resp:	360491
Ion Ratio	Lower	Upper	
77	100		
182	15.3	0.0	34.5
105	20.1	0.2	40.2
51	35.9	16.7	56.7





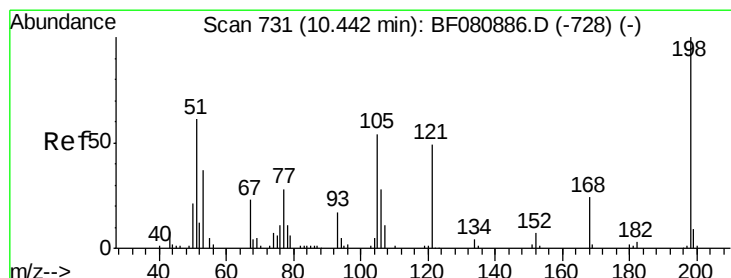
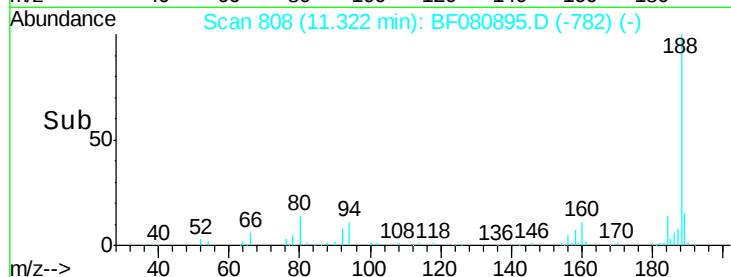
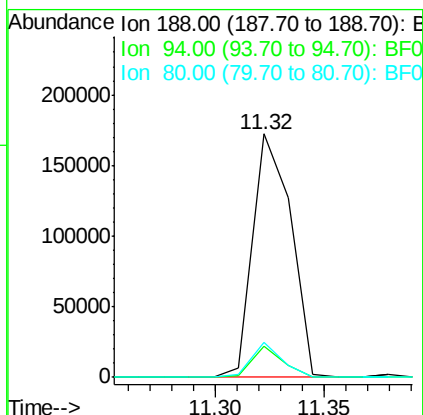
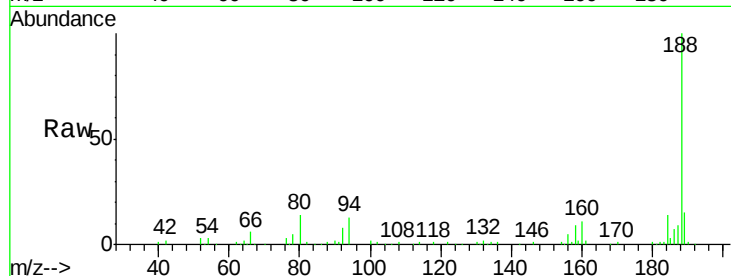
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	211017		
94	12.8		10.2	15.2
80	14.5		11.4	17.2

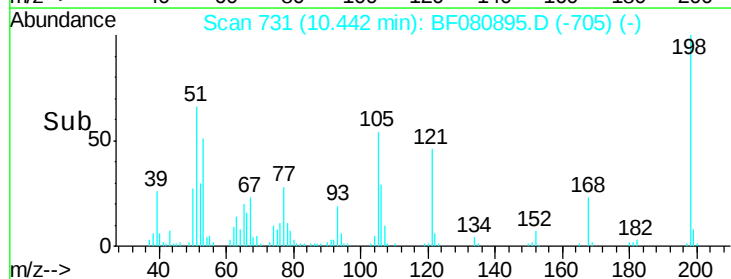
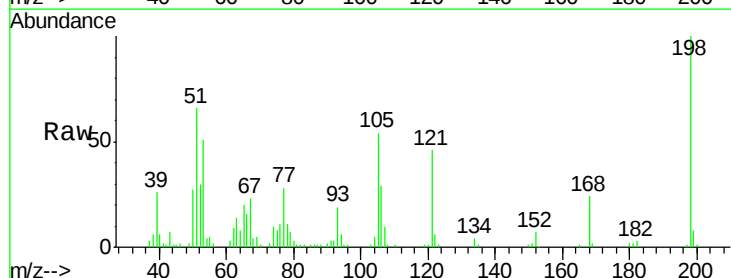
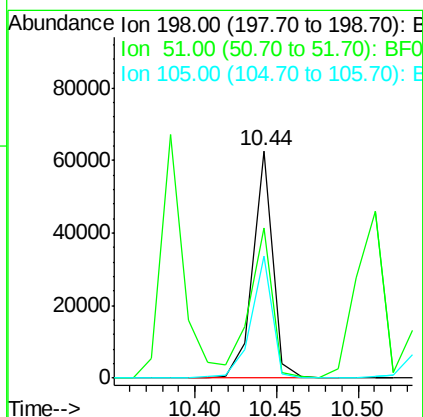
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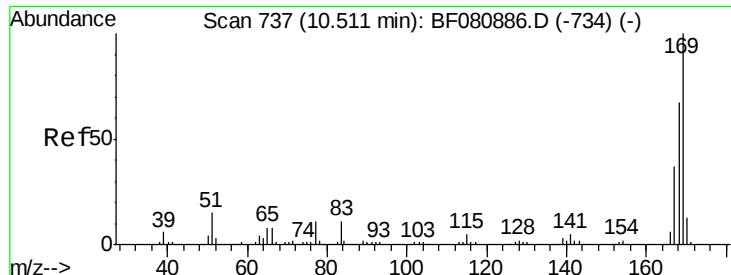
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.48 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52903		
51	66.1		47.9	87.9
105	54.0		35.0	75.0





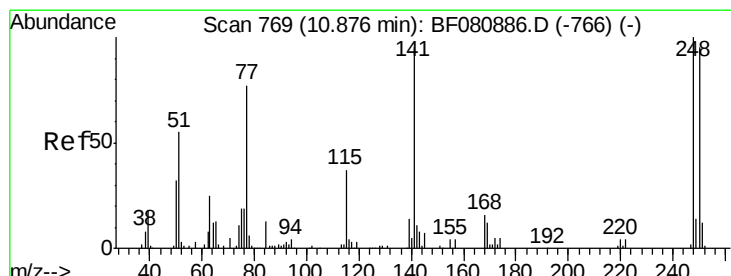
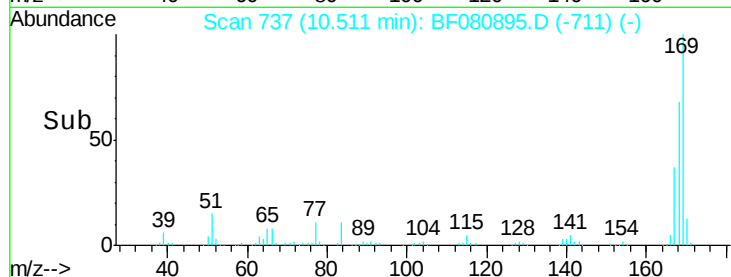
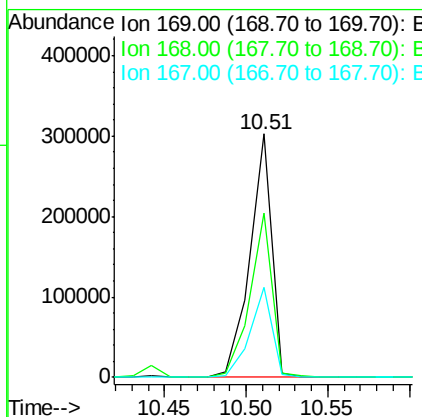
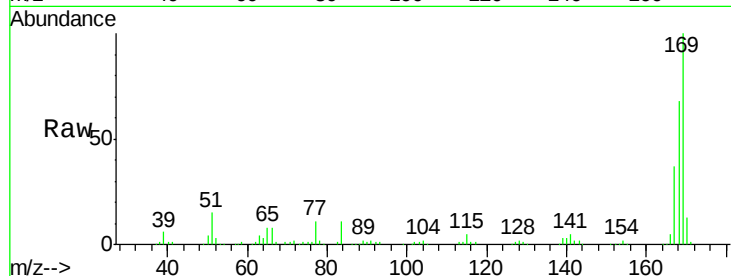
#65
 n-Nitrosodiphenylamine
 Concen: 37.43 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	281434		
168	67.6		54.0	81.0
167	36.9		29.8	44.8

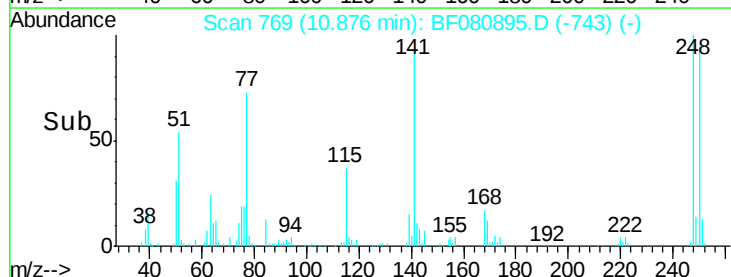
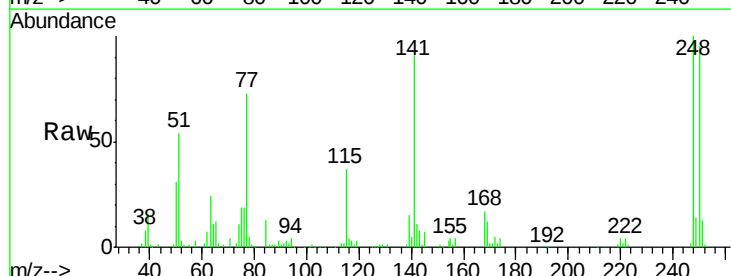
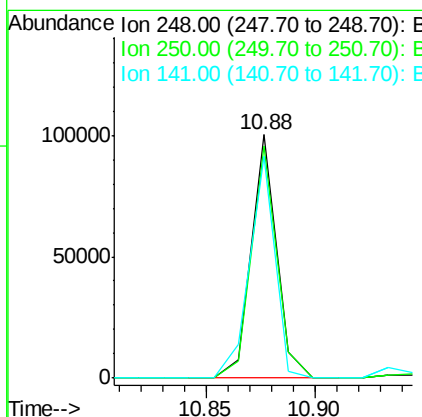
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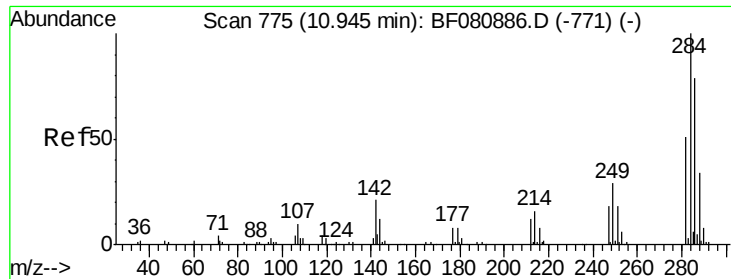
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#66
 4-Bromophenyl-phenylether
 Concen: 35.50 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	81421		
250	95.1		75.9	113.9
141	90.9		75.8	113.6





#67

Hexachlorobenzene

Concen: 37.14 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

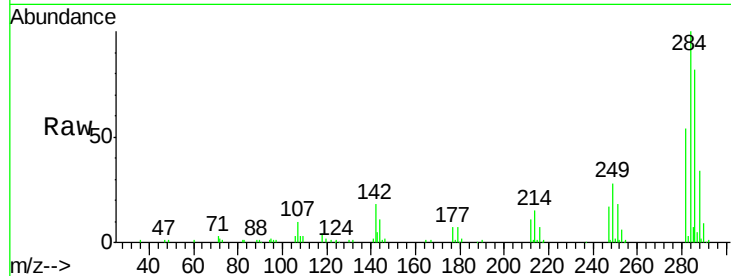
ClientSampleId :

PB84862BS

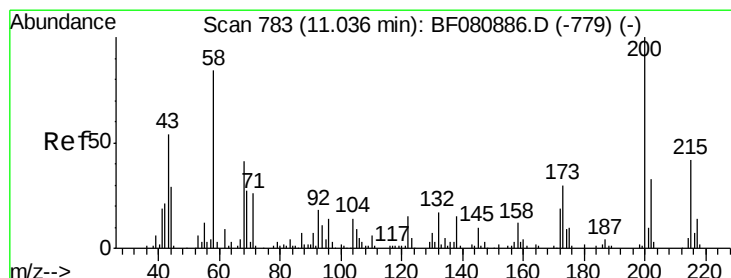
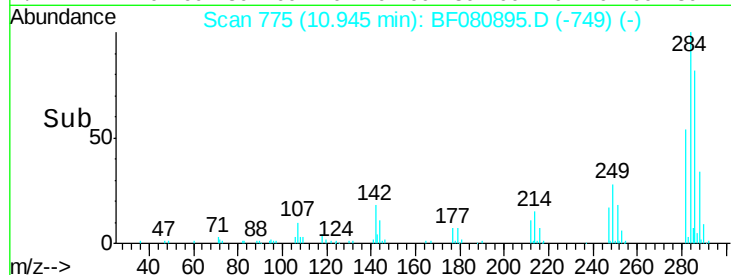
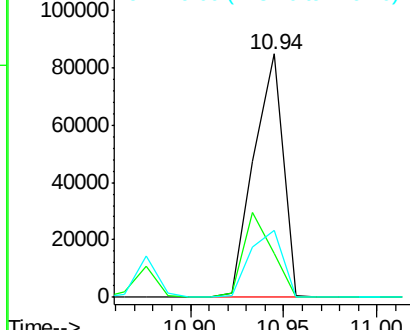
Tot Ion:	284	Resp:	92109
Ion Ratio	Lower	Upper	
284	100		
142	18.2	16.4	24.6
249	27.7	23.1	34.7

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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: 36.96 ng

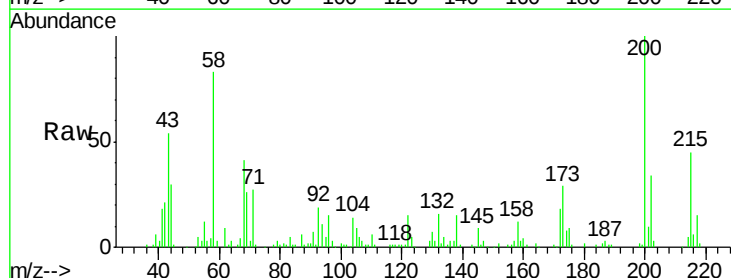
RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

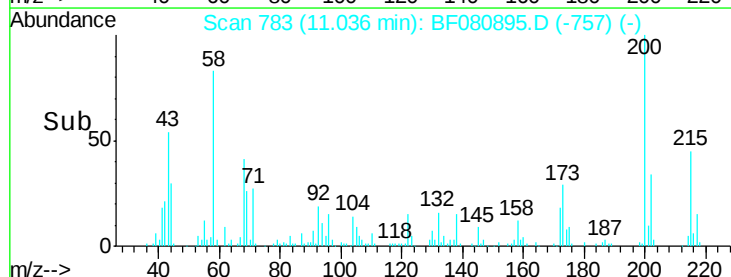
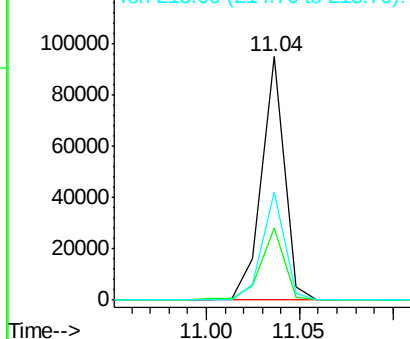
Lab File: BF080895.D

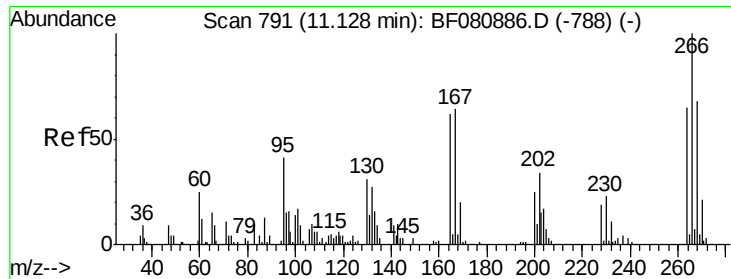
Acq: 6 Aug 2015 18:28

Tgt Ion:	200	Resp:	80226
Ion Ratio	Lower	Upper	
200	100		
173	29.4	10.0	50.0
215	44.6	22.3	62.3



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





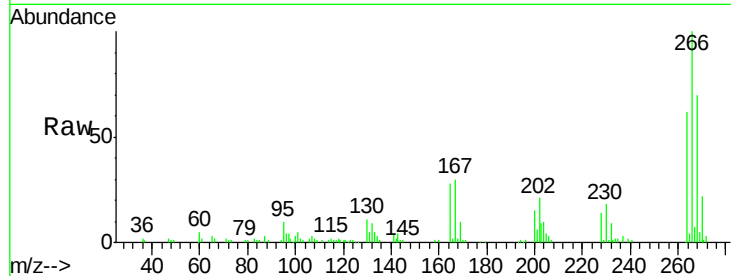
#69
 Pentachlorophenol
 Concen: 80.55 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

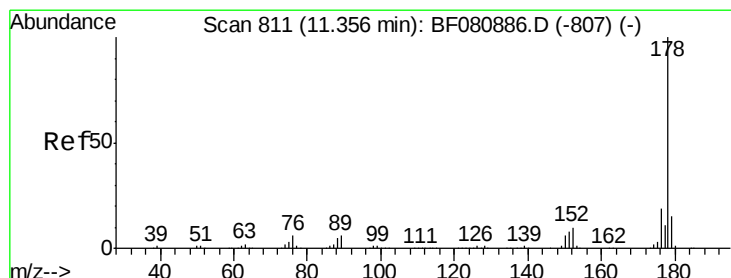
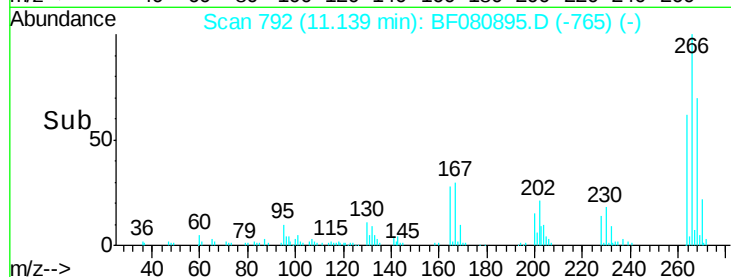
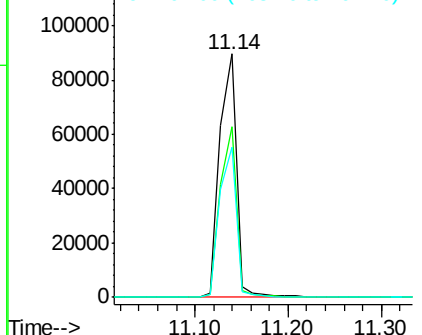
Tot Ion	Ratio	Resp	Lower	Upper
266	100	111961		
268	70.0	54.1	81.1	
264	61.6	51.6	77.4	

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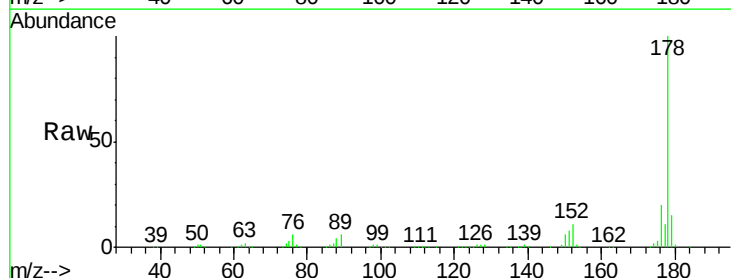


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

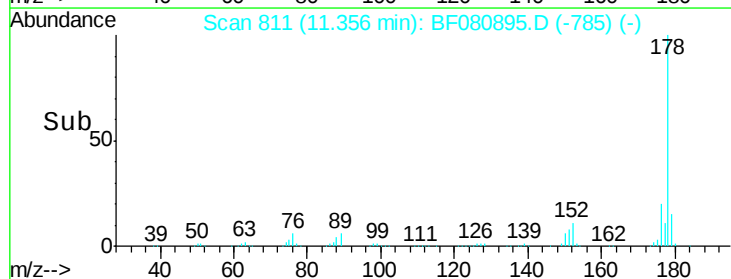
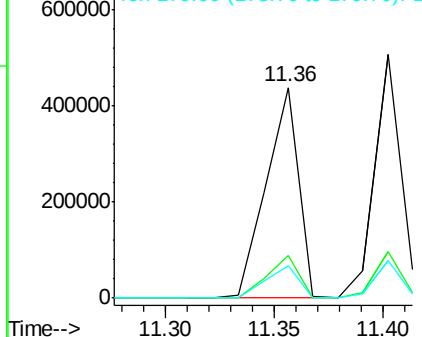


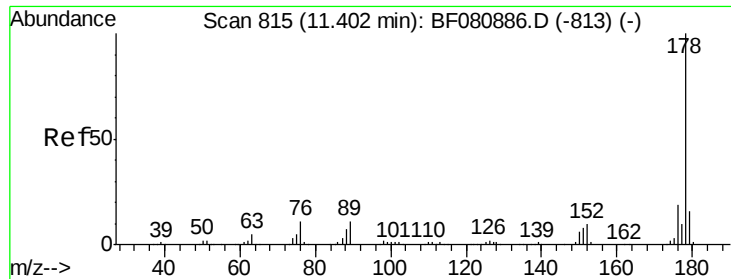
#70
 Phenanthrene
 Concen: 37.25 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	459939		
176	20.2	15.6	23.4	
179	15.3	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





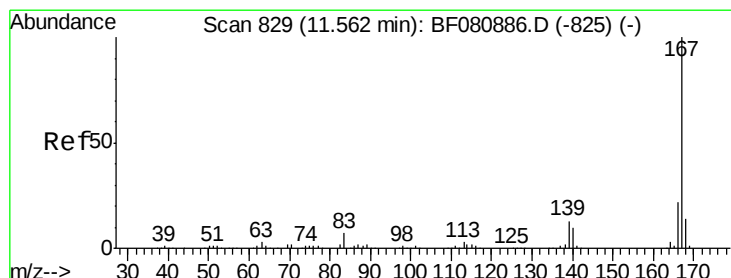
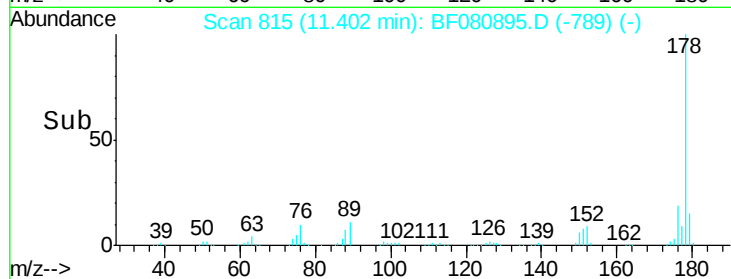
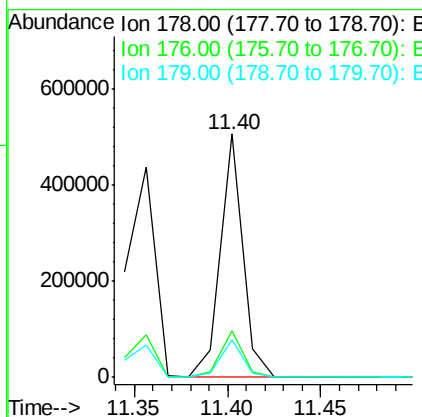
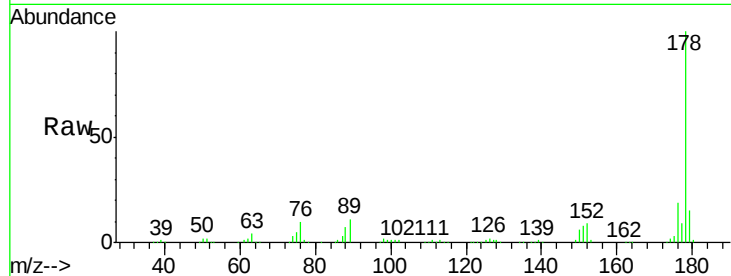
#71
 Anthracene
 Concen: 35.22 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.5	18.7

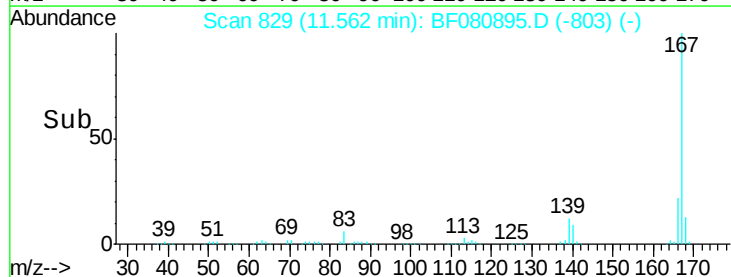
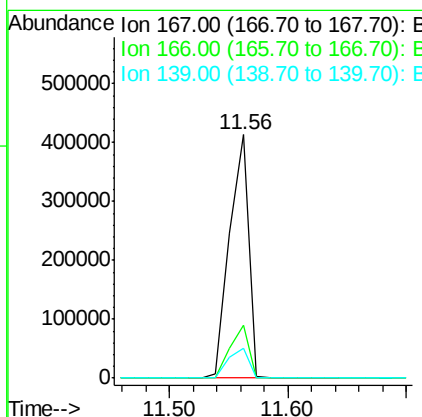
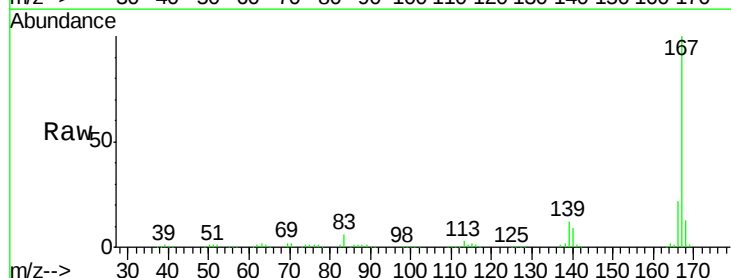
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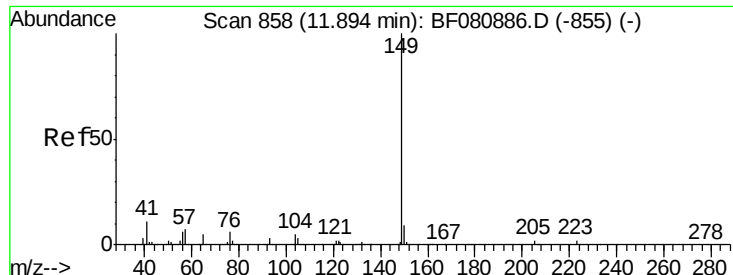
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#72
 Carbazole
 Concen: 37.58 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.0	10.2	15.2





#73

Di-n-butylphthalate

Concen: 34.48 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

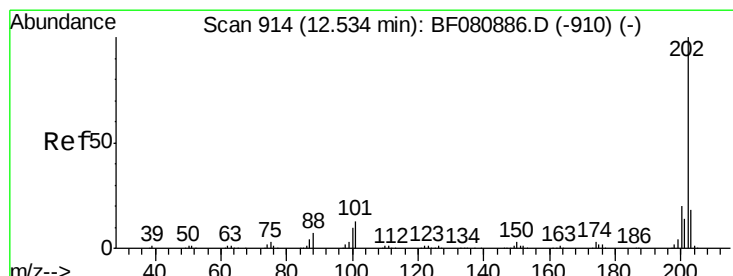
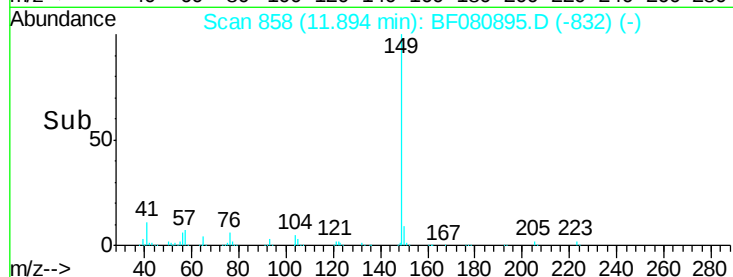
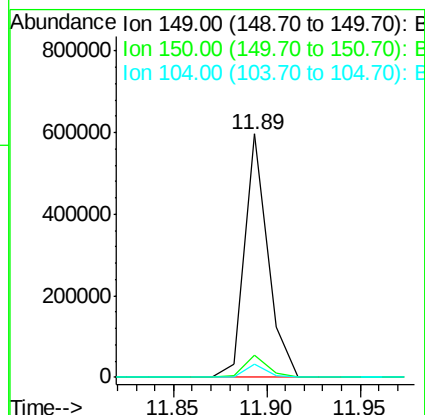
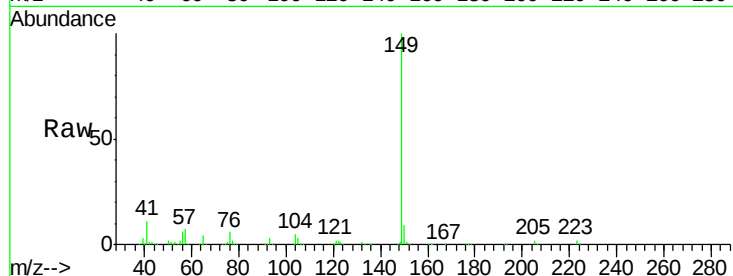
ClientSampleId :

PB84862BS

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Tot Ion:	149	Resp:	515969
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	5.4	4.3	6.5



#74

Fluoranthene

Concen: 36.38 ng

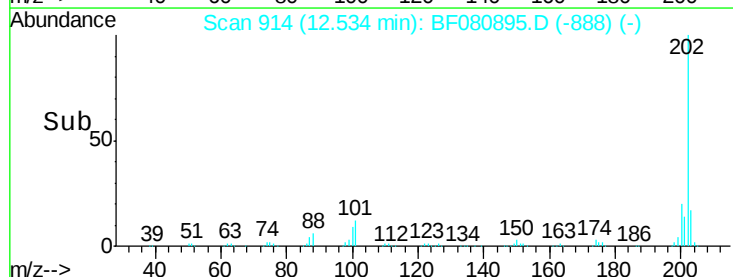
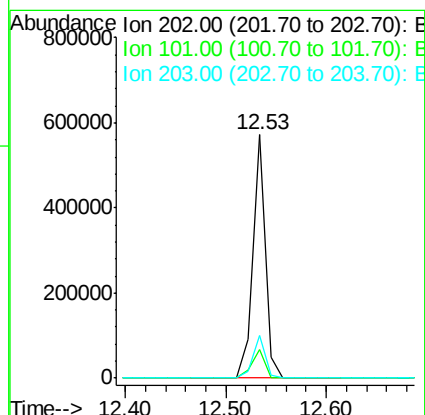
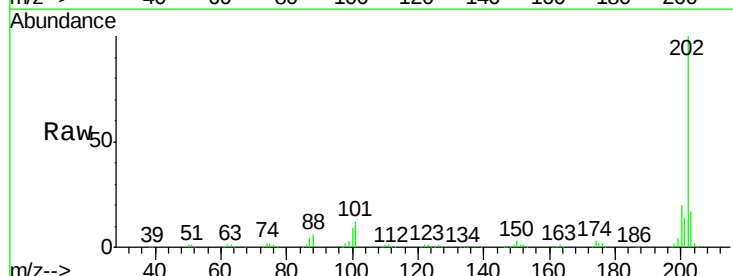
RT: 12.53 min Scan# 914

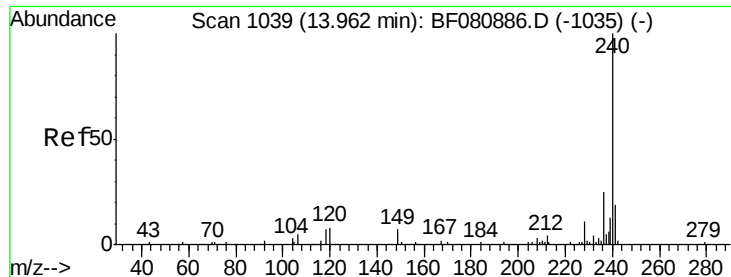
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	202	Resp:	491176
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.7
203	17.3	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

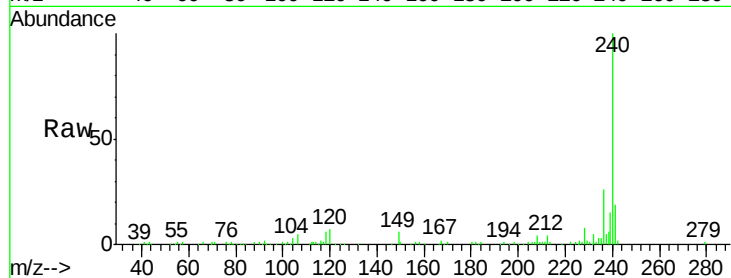
ClientSampleId :

PB84862BS

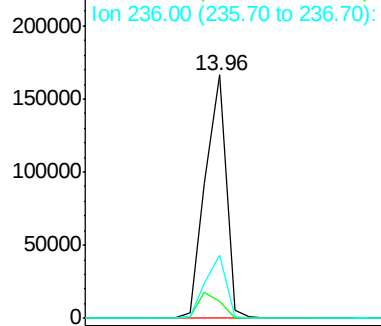
Tot Ion:	240	Resp:	184941
Ion Ratio		Lower	Upper
240	100		
120	6.9	6.4	9.6
236	26.0	20.2	30.4

Manual Integrations
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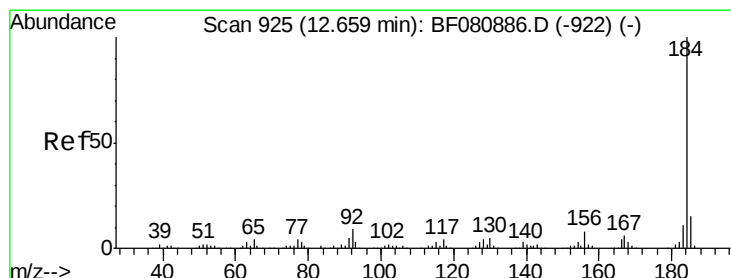
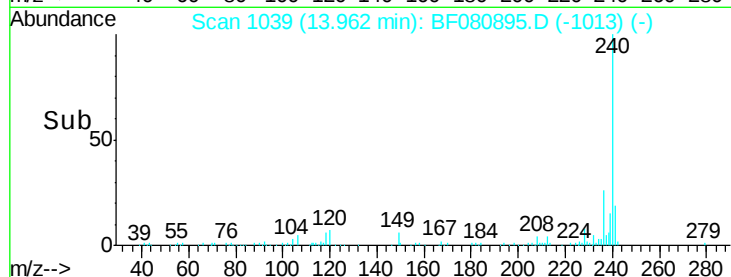
MMDadoda
8/10/2015 10:15:14 AM



Abundance Ion 240.00 (239.70 to 240.70): E



Time-->



#76

Benzidine

Concen: 30.08 ng

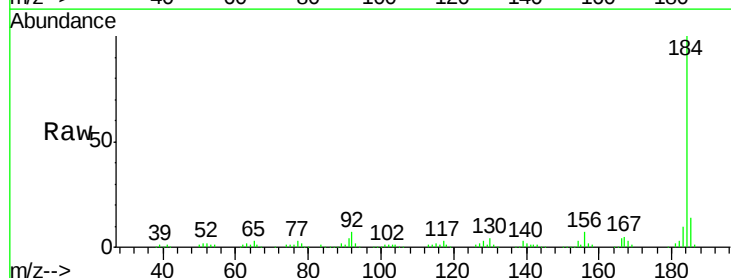
RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

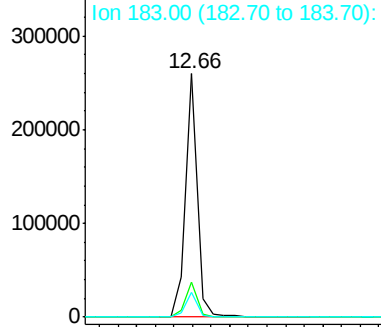
Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

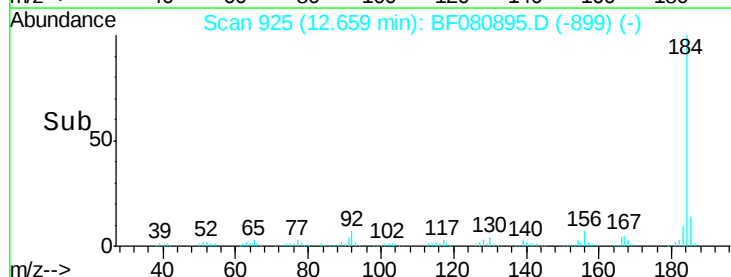
Tgt Ion:	184	Resp:	227255
Ion Ratio		Lower	Upper
184	100		
185	14.3	12.4	18.6
183	10.3	8.9	13.3

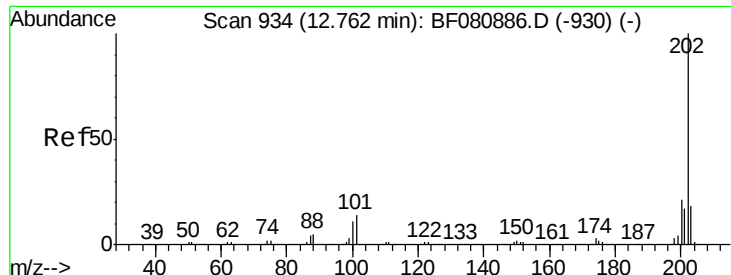


Abundance Ion 184.00 (183.70 to 184.70): E



Time-->





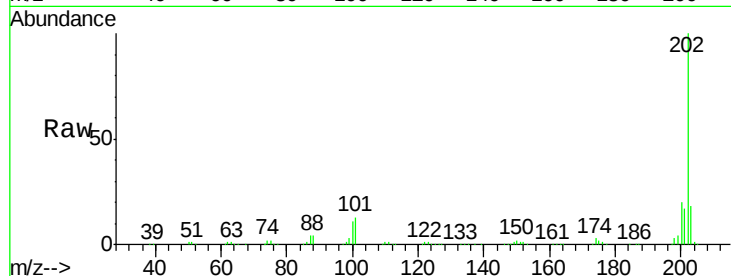
#77
Pvrene
Concen: 37.27 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

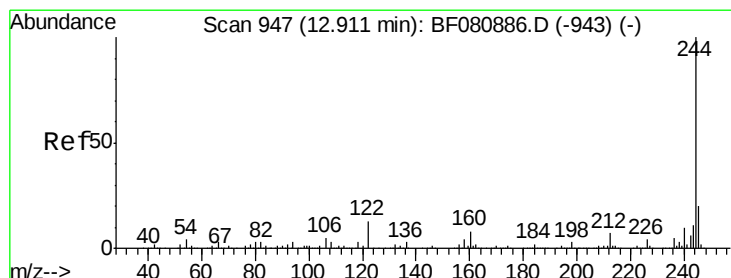
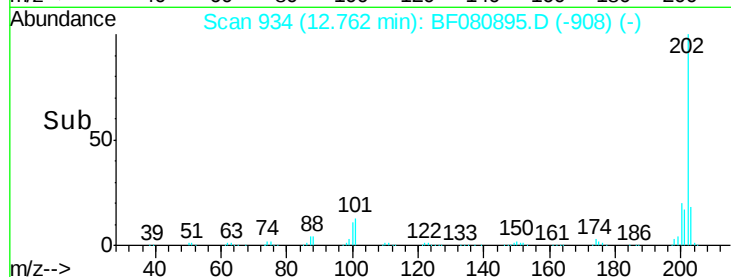
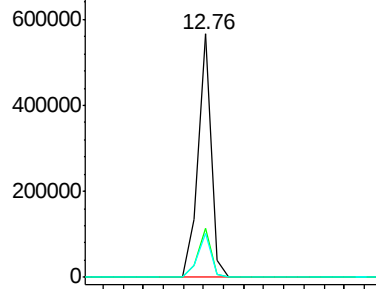
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.9	14.3	21.5

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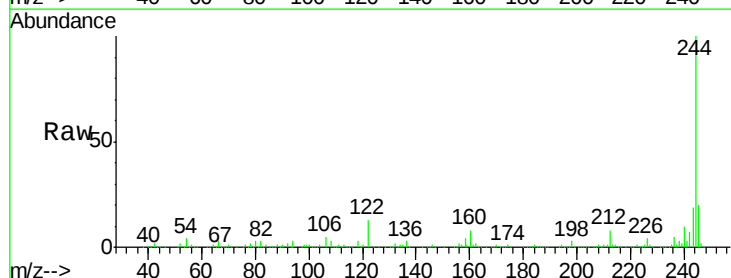


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

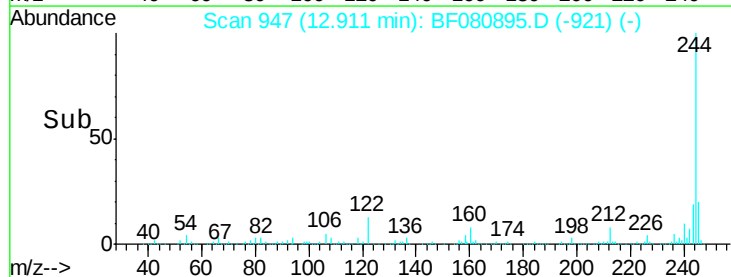
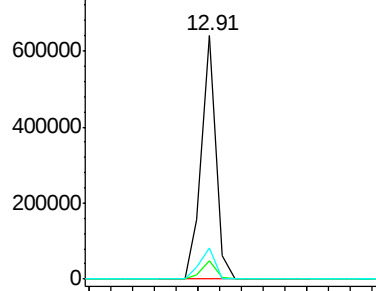


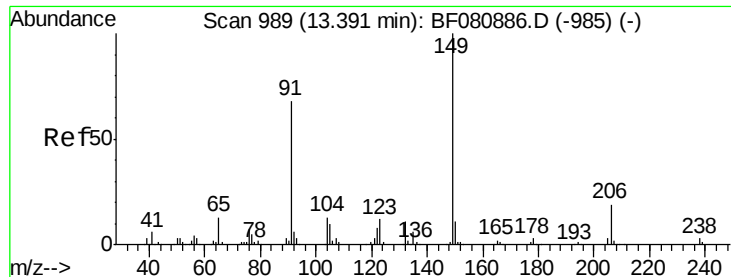
#78
Terphenyl-d14
Concen: 67.55 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.9	10.6	16.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





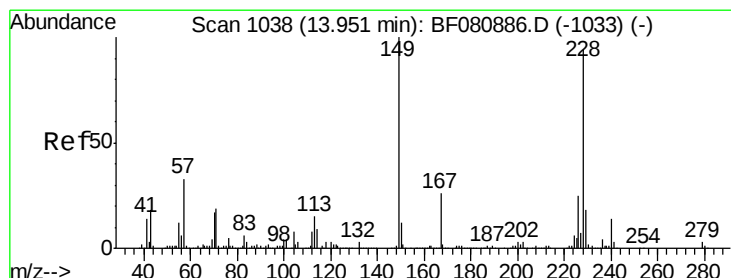
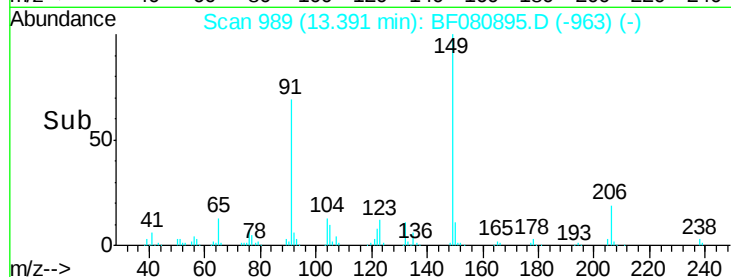
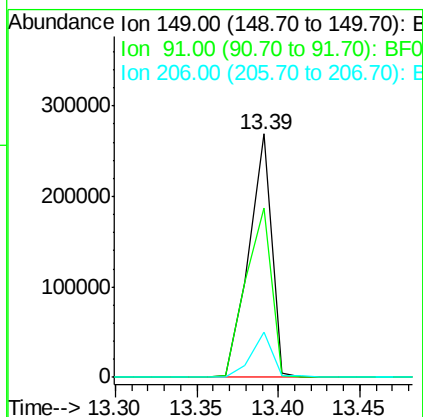
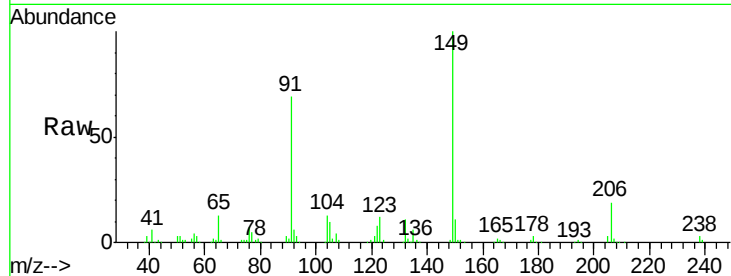
#79
Butylbenzylphthalate
Concen: 39.65 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	260665		
91	69.4	54.0	81.0	
206	18.8	15.1	22.7	

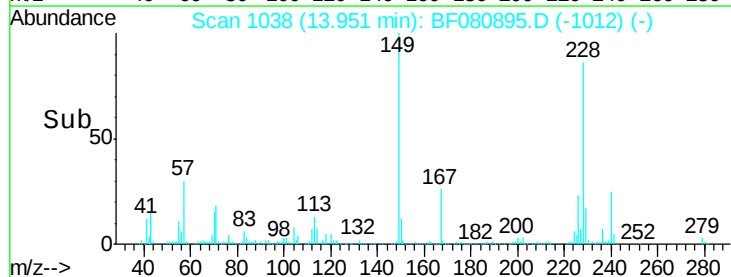
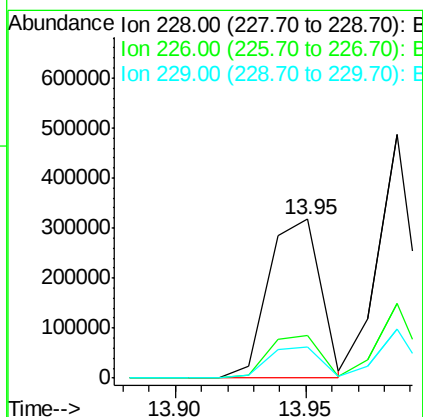
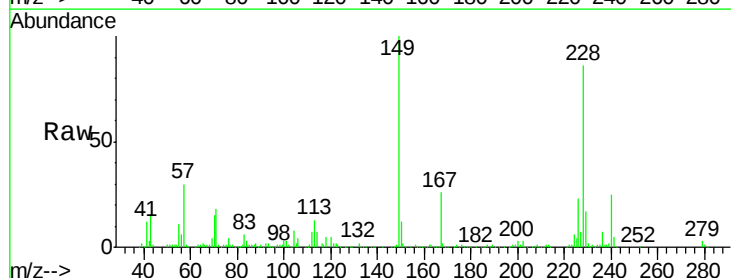
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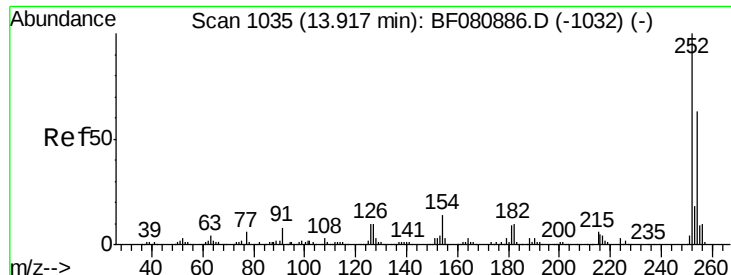
MMDadoda
8/10/2015 10:15:14 AM



#80
Benzo(a)anthracene
Concen: 36.32 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	438818		
226	26.8	21.4	32.2	
229	19.3	14.9	22.3	





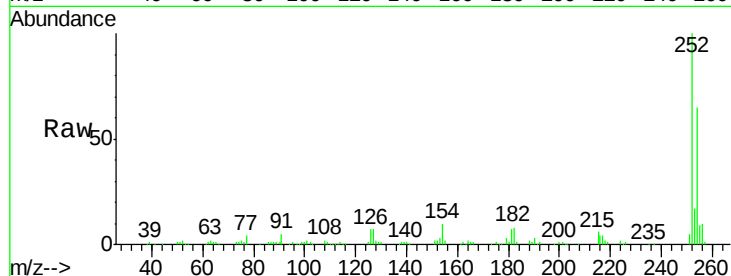
#81
 3,3'-Dichlorobenzidine
 Concen: 24.18 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

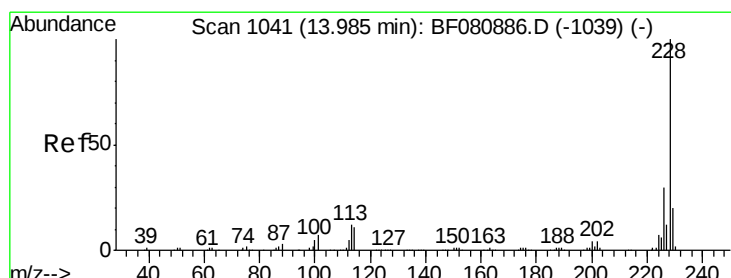
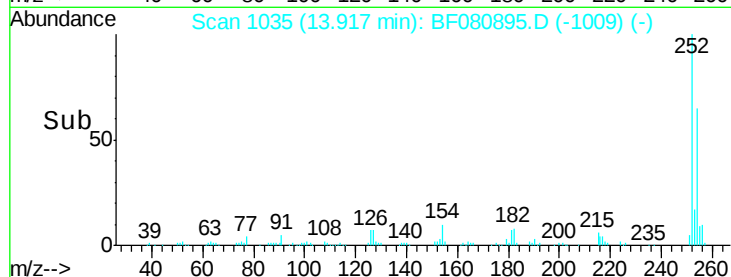
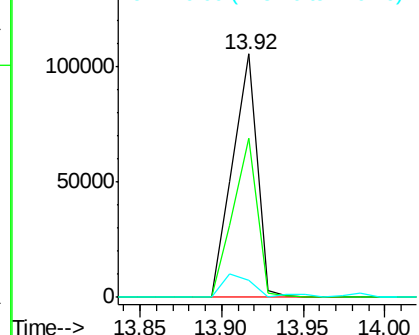
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.0	75.0
126	7.1	8.1	12.1

Manual Integrations
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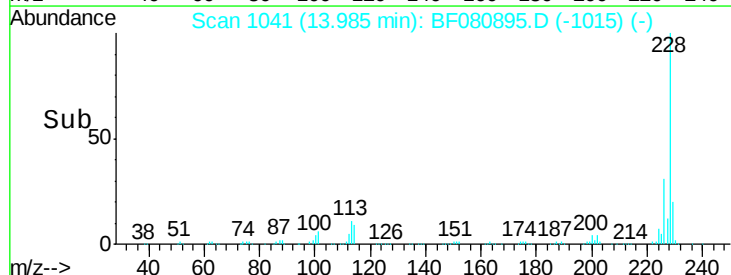
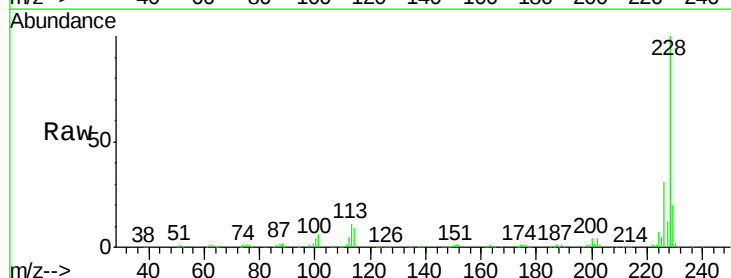
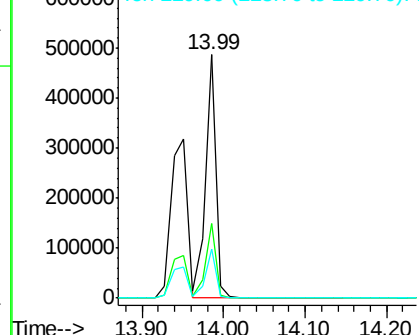
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

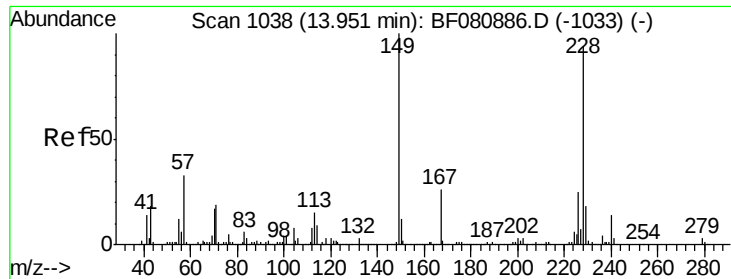


#82
 Chrysene
 Concen: 38.03 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.9	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





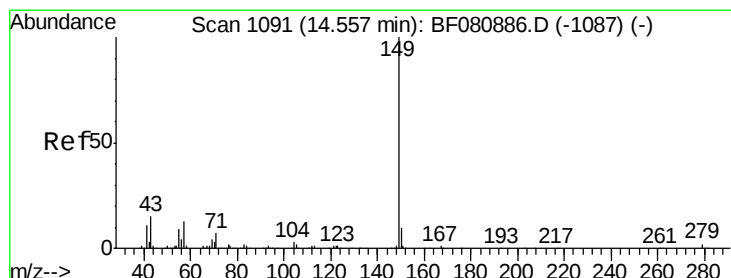
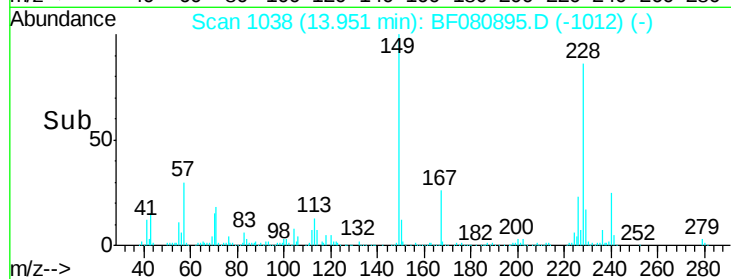
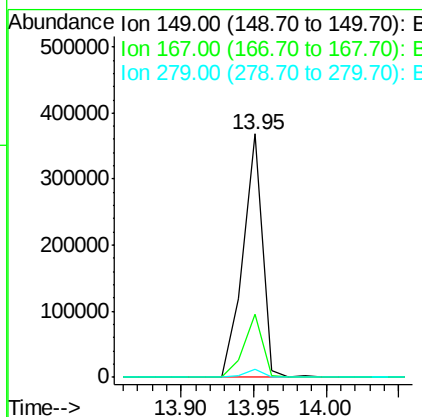
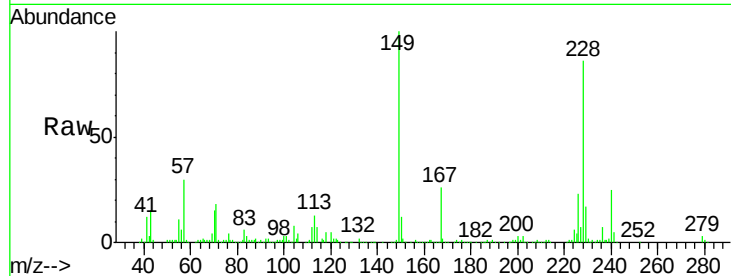
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.29 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	345022		
167	25.8	20.6	31.0	
279	3.1	2.4	3.6	

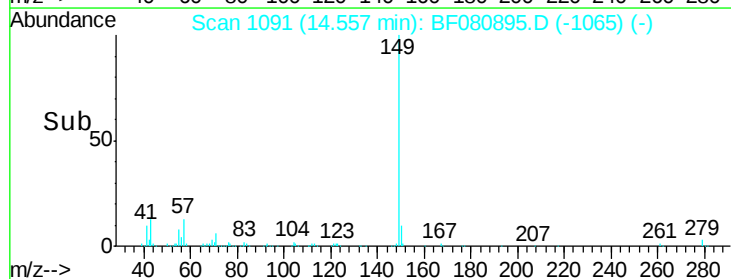
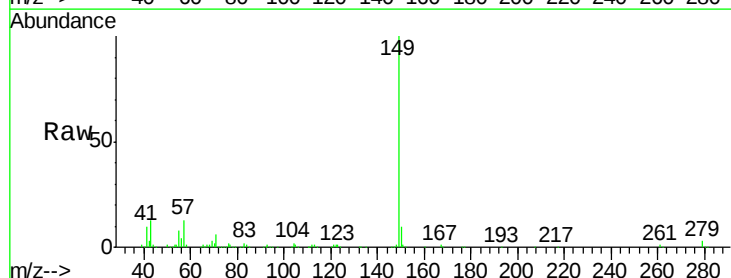
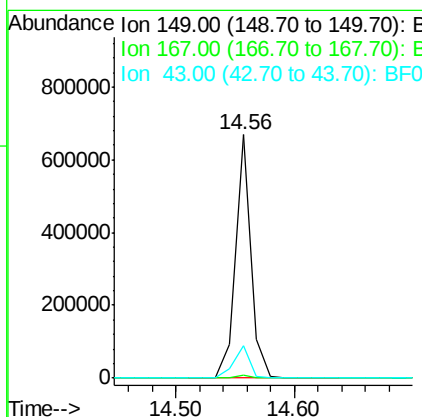
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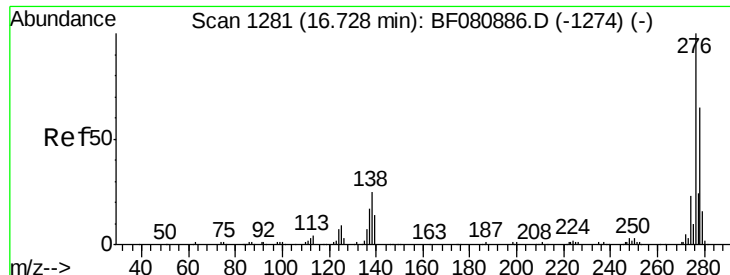
MMDadoda
 8/10/2015 10:15:14 AM



#84
 Di-n-octyl phthalate
 Concen: 37.71 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	598839		
167	1.4	1.1	1.7	
43	13.9	11.5	17.3	





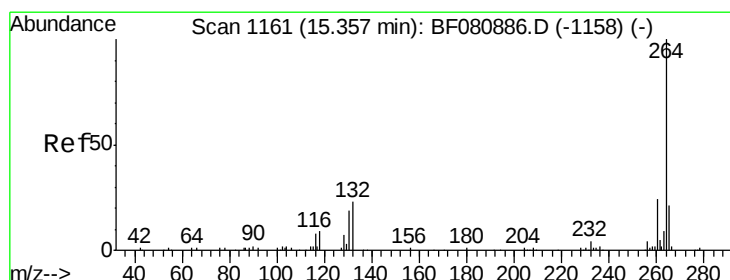
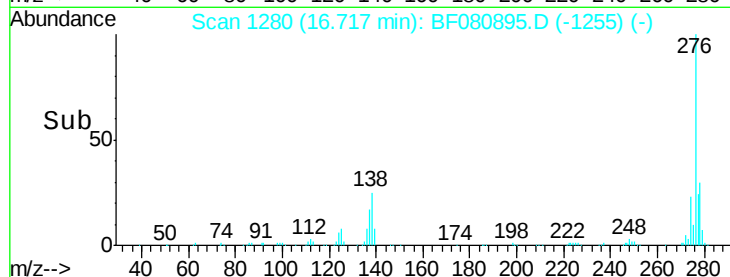
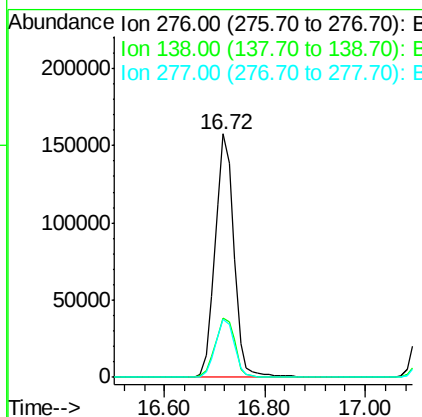
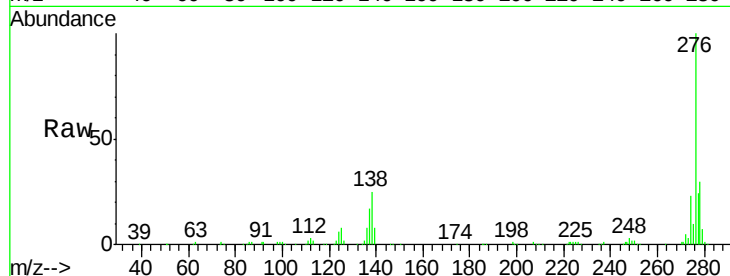
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.48 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.7	31.1
277	24.6	19.4	29.0

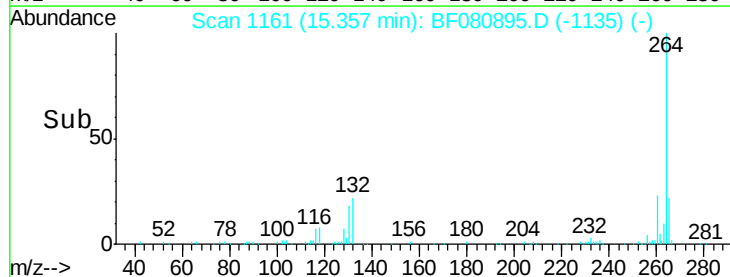
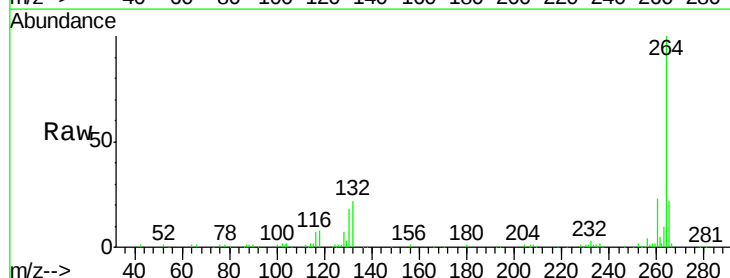
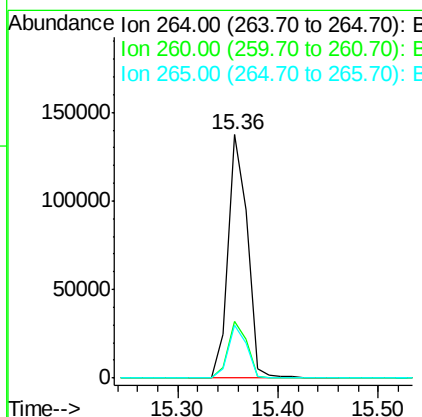
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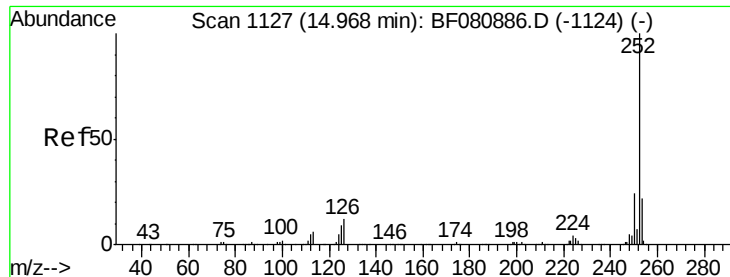
MMDadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 37.34 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

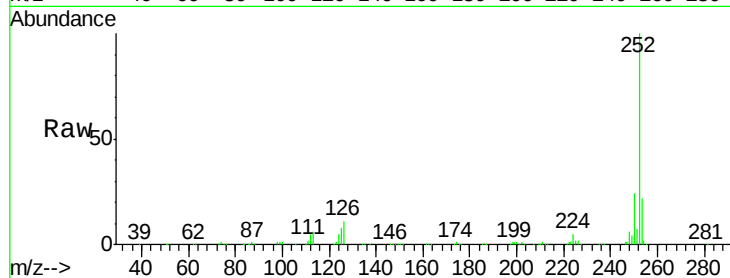
ClientSampleId :

PB84862BS

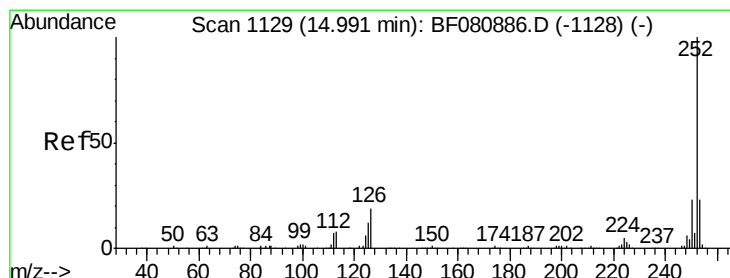
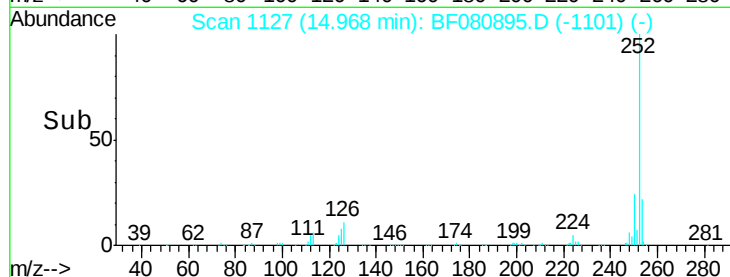
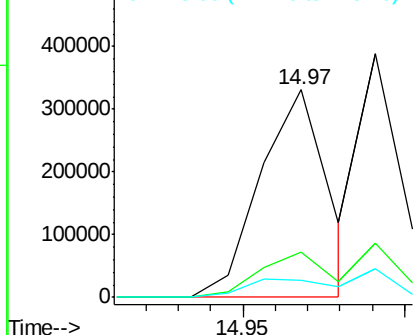
Tot Ion:	252	Resp:	480650
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	8.2	7.0	10.4

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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: 32.20 ng m

RT: 14.99 min Scan# 1129

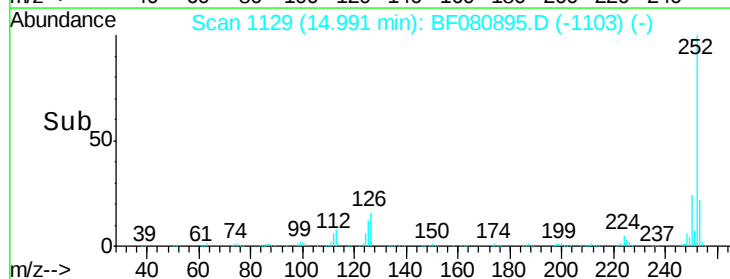
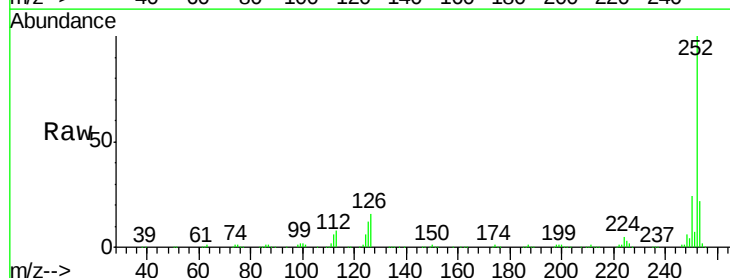
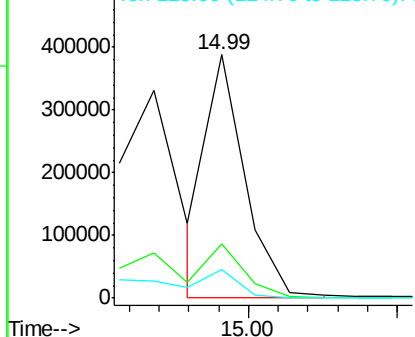
Delta R.T. -0.00 min

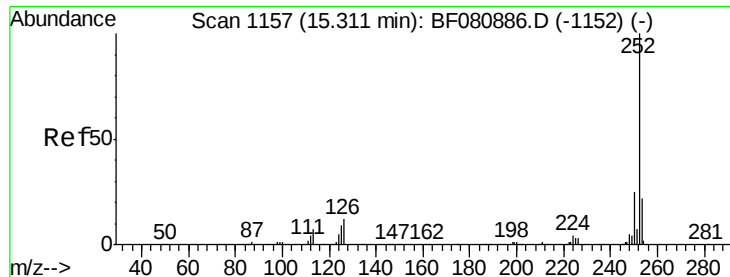
Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	252	Resp:	349172
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	11.7	9.8	14.8

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





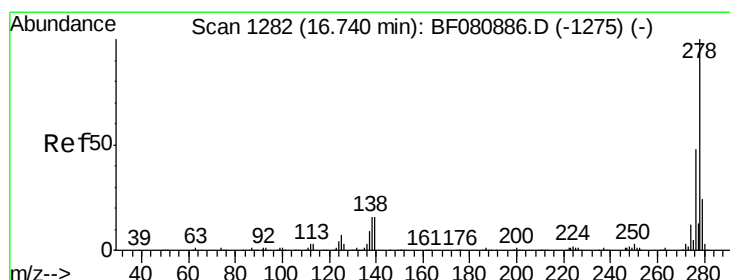
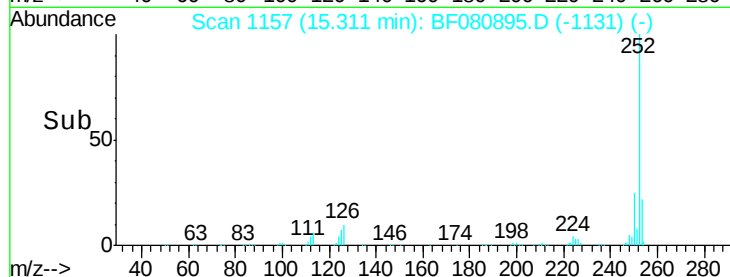
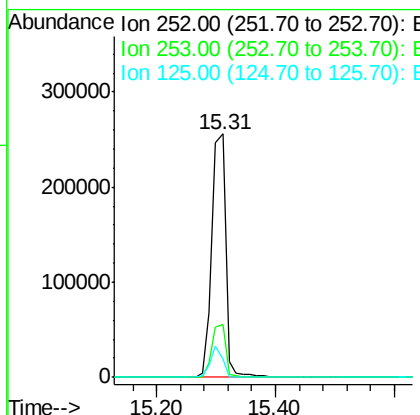
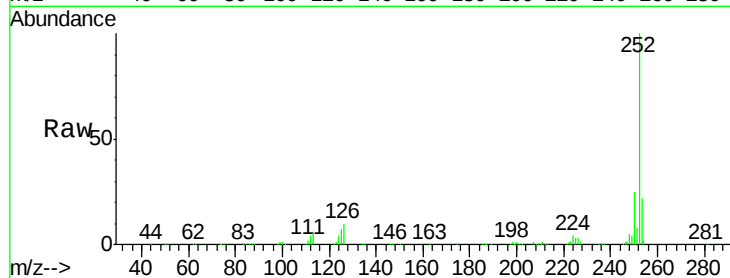
#89
Benzo(a)pyrene
Concen: 37.77 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :
PB84862BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.5	7.5	11.3

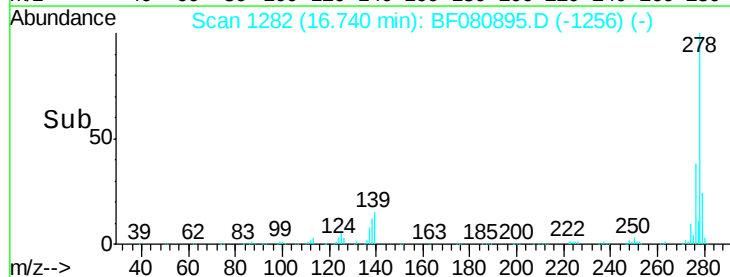
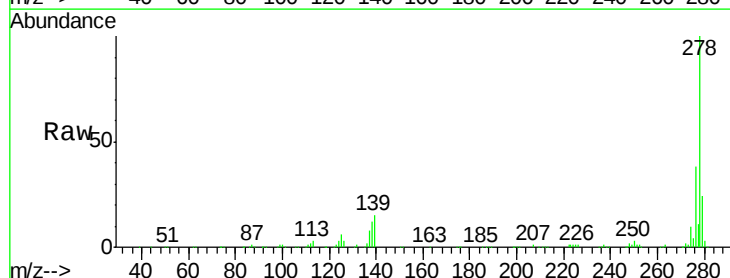
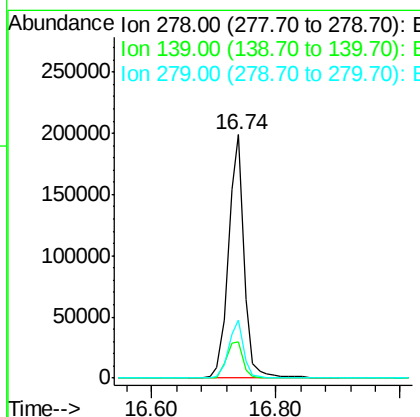
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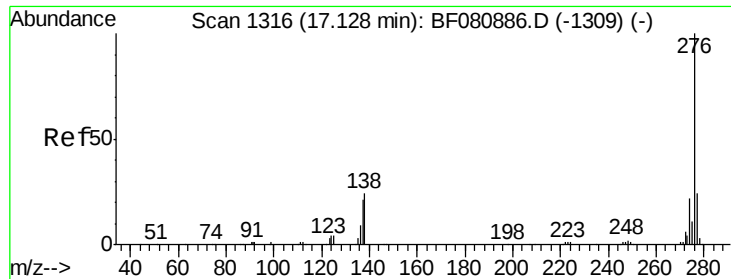
MMDadoda
8/10/2015 10:15:14 AM



#90
Dibenzo(a,h)anthracene
Concen: 36.26 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.2	19.8
279	23.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 36.35 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BS

Tot Ion:	276	Resp:	336949
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.3	28.9
138	22.3	19.1	28.7

Manual Integrations
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MMDadoda
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