

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082766.D
 Acq On : 6 Nov 2015 17:32
 Operator : UM/IZ
 Sample : PB86426BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Manual Integrations
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 11/9/2015 2:10:24 PM

Quant Time: Nov 07 03:14:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160531	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	579206	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	323747	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	584461	20.00	ng	0.00
75) Chrysene-d12	14.01	240	506612	20.00	ng	-0.01
86) Perylene-d12	15.44	264	463406	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1082499	104.92	ng	0.01
7) Phenol-d6	6.49	99	1458656	106.35	ng	0.01
23) Nitrobenzene-d5	7.41	82	1001008	75.20	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	416826	112.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1808298	80.05	ng	0.00
78) Terphenyl-d14	12.97	244	1873720	87.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	141411	31.77	ng	96
3) Pyridine	3.24	79	431891	33.43	ng	98
4) n-Nitrosodimethylamine	3.18	42	216438	33.78	ng	90
6) Aniline	6.51	93	360910	18.74	ng	99
8) 2-Chlorophenol	6.64	128	425671	37.22	ng	89
9) Benzaldehyde	6.38	77	44554	5.88	ng	96
10) Phenol	6.50	94	598909	38.48	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	441437	37.93	ng	85
12) 1,3-Dichlorobenzene	6.80	146	448817m	34.79	ng	
13) 1,4-Dichlorobenzene	6.86	146	438850	32.70	ng	98
14) 1,2-Dichlorobenzene	7.02	146	459489	37.65	ng	97
15) Benzyl Alcohol	6.99	79	414832	34.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	649938	38.07	ng	94
17) 2-Methylphenol	7.10	107	355384	36.68	ng	98
18) Hexachloroethane	7.37	117	174918	36.44	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	348741	34.59	ng	92
20) 3+4-Methylphenols	7.26	107	470928	37.39	ng	97
22) Acetophenone	7.26	105	628915	37.90	ng	# 92
24) Nitrobenzene	7.44	77	531125	39.02	ng	98
25) Isophorone	7.68	82	902264	36.63	ng	99
26) 2-Nitrophenol	7.74	139	213458	37.57	ng	87
27) 2,4-Dimethylphenol	7.79	122	370628	36.30	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	535484	38.54	ng	100
29) 2,4-Dichlorophenol	8.00	162	392001	42.48	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	376740	36.31	ng	97
31) Naphthalene	8.16	128	1123164	35.15	ng	99
32) Benzoic acid	7.92	122	244774	35.02	ng	95
33) 4-Chloroaniline	8.20	127	187191	13.59	ng	92
34) Hexachlorobutadiene	8.28	225	235158	36.21	ng	99
35) Caprolactam	8.57	113	119620m	41.12	ng	
36) 4-Chloro-3-methylphenol	8.69	107	432455	39.85	ng	91
37) 2-Methylnaphthalene	8.85	142	843499	40.80	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	406529	38.21	ng	99
40) Hexachlorocyclopentadiene	9.01	237	514116	89.95	ng	99

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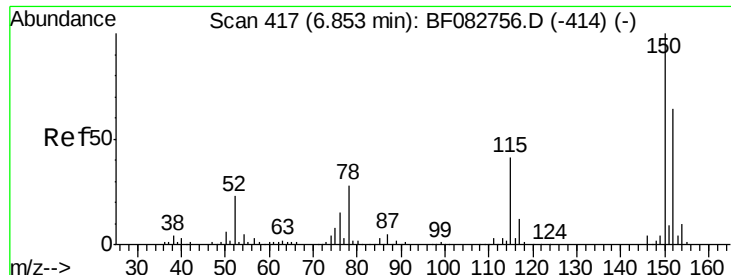
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Quant Time: Nov 07 03:14:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	282586	35.58	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	279229	35.55	nq	# 88
45) 1,1'-Biphenyl	9.31	154	952317	34.28	nq	94
46) 2-Chloronaphthalene	9.33	162	794309	36.66	nq	95
47) 2-Nitroaniline	9.42	65	272249	33.87	nq	92
48) Acenaphthylene	9.76	152	1307466	38.50	nq	98
49) Dimethylphthalate	9.62	163	931140	35.10	nq	100
50) 2,6-Dinitrotoluene	9.68	165	222147	39.25	nq	89
51) Acenaphthene	9.93	154	976358	45.36	nq	99
52) 3-Nitroaniline	9.84	138	106273	17.07	nq	85
53) 2,4-Dinitrophenol	9.95	184	280038	90.12	nq	# 18
54) Dibenzofuran	10.10	168	1133289	39.05	nq	94
55) 4-Nitrophenol	10.01	139	338153	70.82	nq	# 87
56) 2,4-Dinitrotoluene	10.08	165	258783	33.70	nq	# 93
57) Fluorene	10.44	166	943355	40.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241288	37.64	nq	# 92
59) Diethylphthalate	10.32	149	947718	36.59	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	402970	34.27	nq	# 81
61) 4-Nitroaniline	10.45	138	187818	30.01	nq	91
62) Azobenzene	10.59	77	1030542	37.04	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	176059	42.28	nq	92
65) n-Nitrosodiphenylamine	10.56	169	826032	39.12	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	258615	36.75	nq	# 78
67) Hexachlorobenzene	10.99	284	308072	39.20	nq	# 75
68) Atrazine	11.08	200	283084	43.36	nq	96
69) Pentachlorophenol	11.18	266	404675	84.81	nq	99
70) Phenanthrene	11.40	178	1442459	42.50	nq	97
71) Anthracene	11.45	178	1259620	35.23	nq	99
72) Carbazole	11.61	167	1236996	39.53	nq	96
73) Di-n-butylphthalate	11.94	149	1411012	36.19	nq	99
74) Fluoranthene	12.59	202	1425824	39.15	nq	93
76) Benzidine	12.71	184	428768	25.25	nq	99
77) Pyrene	12.81	202	1390054	39.95	nq	98
79) Butylbenzylphthalate	13.44	149	619766	40.32	nq	98
80) Benzo(a)anthracene	14.00	228	1299187	41.01	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	282160	25.05	nq	# 98
82) Chrysene	14.04	228	1312949	45.25	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	909848	43.25	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1428738	40.71	nq	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1010801	40.45	nq	99
87) Benzo(b)fluoranthene	15.04	252	1251872m	42.09	nq	
88) Benzo(k)fluoranthene	15.06	252	951631m	36.06	nq	
89) Benzo(a)pyrene	15.38	252	1037397	40.25	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	843212	38.64	nq	98
91) Benzo(g,h,i)perylene	17.25	276	805786	38.55	nq	98

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



#1

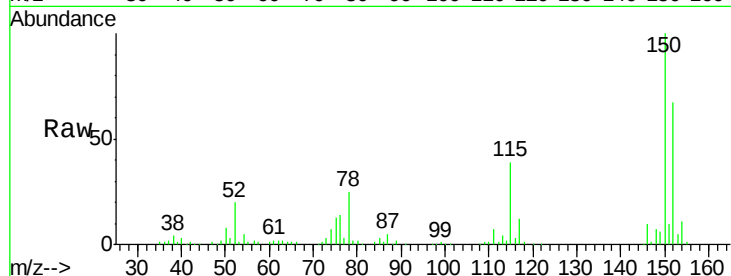
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

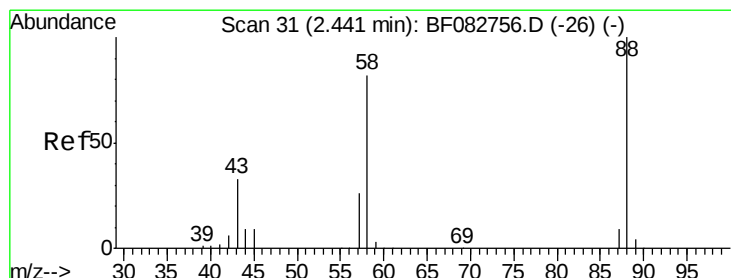
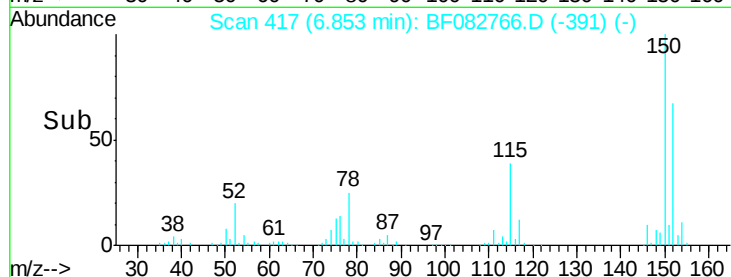
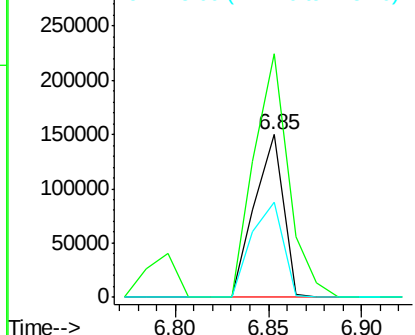
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	127.0	190.4
115	58.8	47.0	70.6

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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

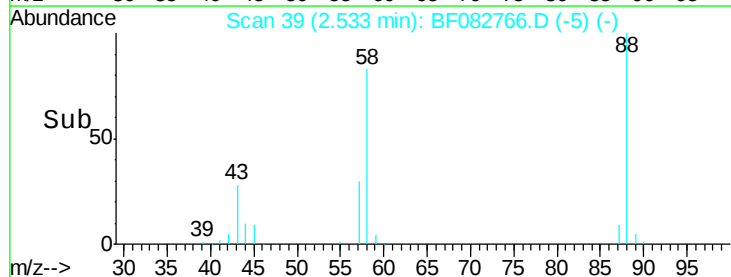
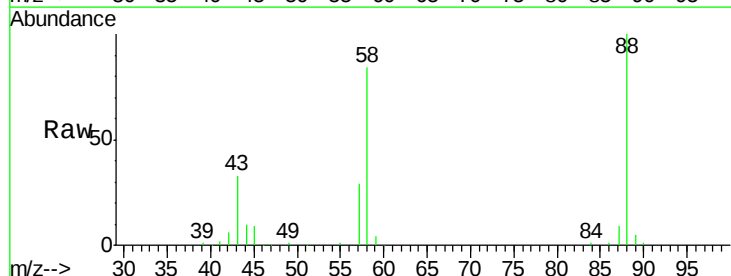
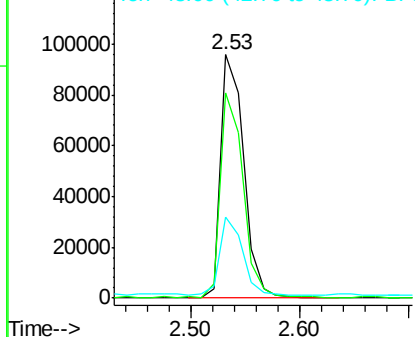


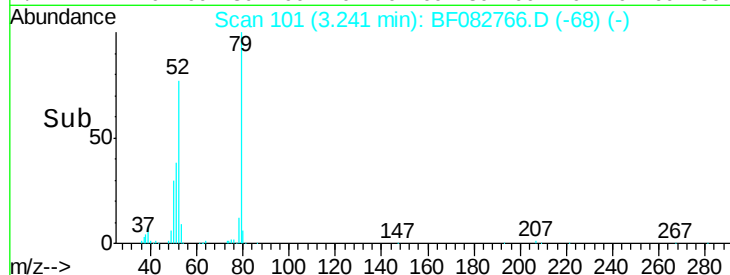
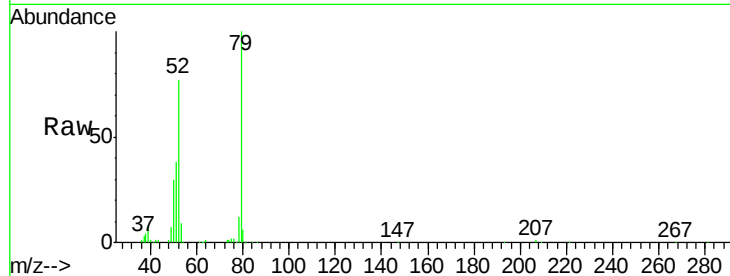
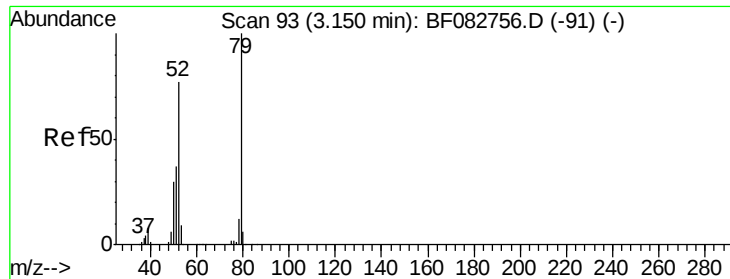
#2

1,4-Dioxane
Concen: 31.77 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.09 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	62.0	93.0
43	31.7	26.6	40.0

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





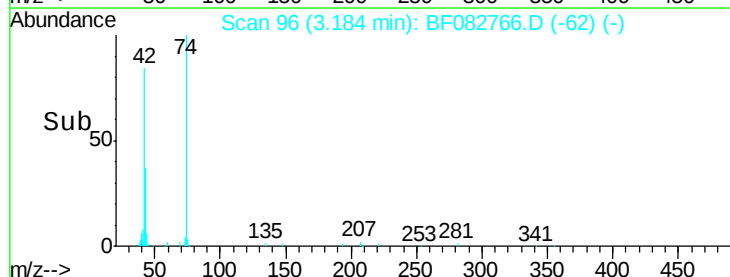
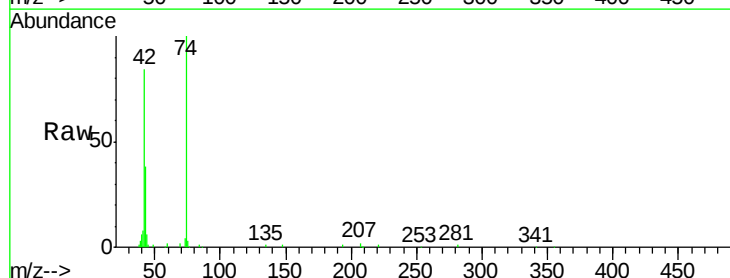
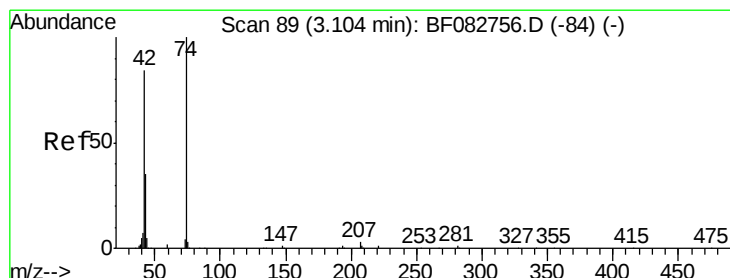
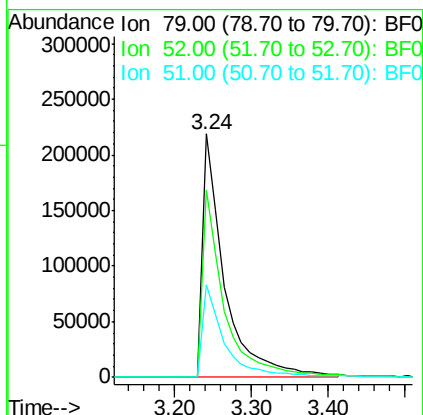
#3
Pvridine
Concen: 33.43 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	62.8	94.2
51	38.1	32.0	48.0

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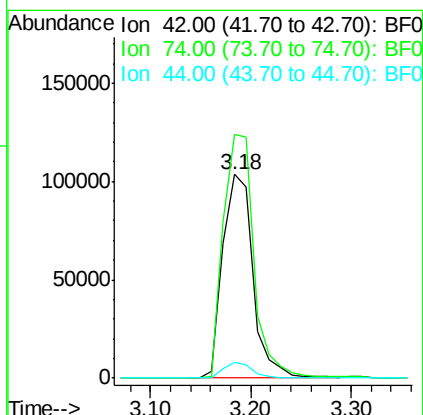
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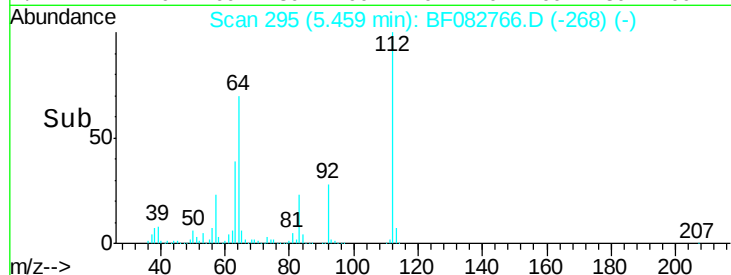
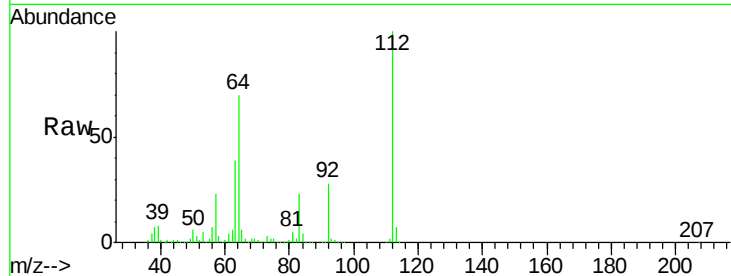
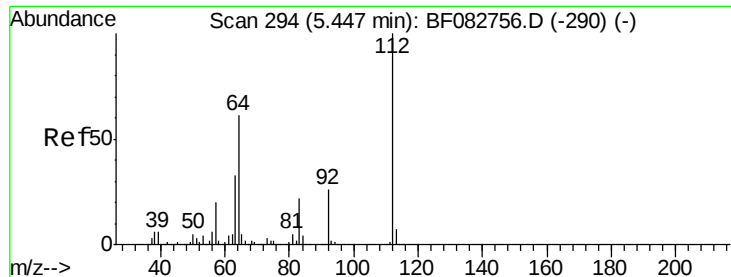
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#4
n-Nitrosodimethylamine
Concen: 33.78 ng
RT: 3.18 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.6	87.0	130.4
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 104.92 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082766.D

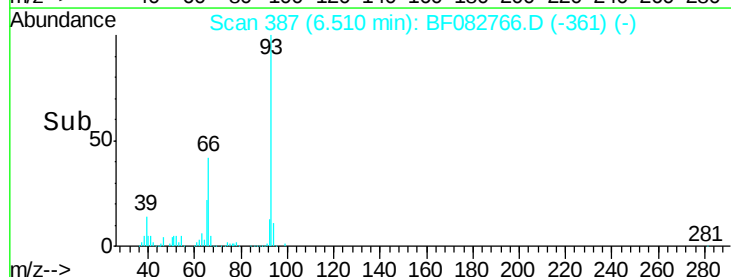
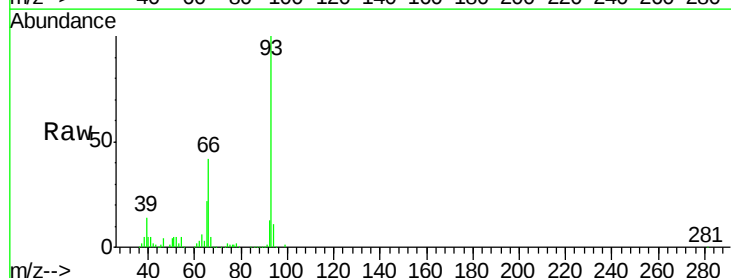
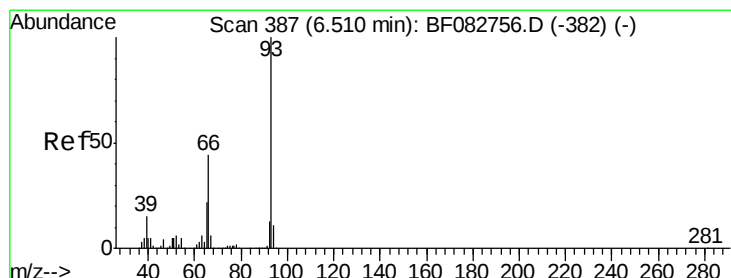
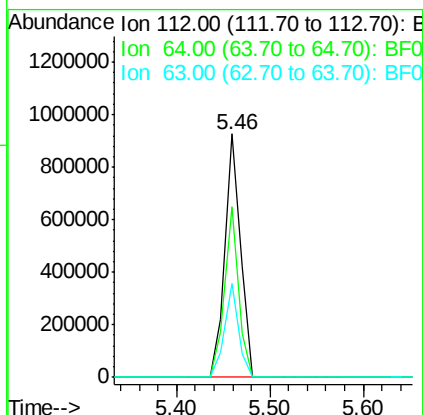
Acq: 6 Nov 2015 17:32

Tot Ion:	112	Resp:	1082499
Ion Ratio	Lower	Upper	
112	100		
64	70.3	48.9	73.3
63	38.5	28.1	42.1

Instrument :
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ClientSampleId :
PB86426BS

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#6

Aniline

Concen: 18.74 ng

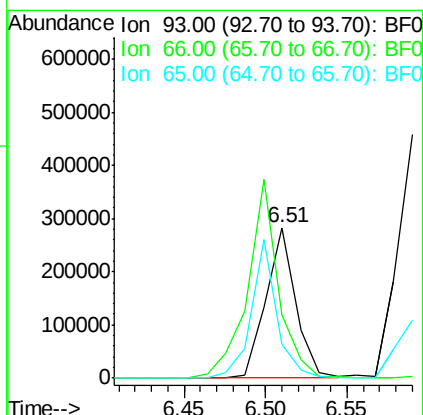
RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	93	Resp:	360910
Ion Ratio	Lower	Upper	
93	100		
66	41.8	33.6	50.4
65	22.1	18.1	27.1





#7

Phenol-d6

Concen: 106.35 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

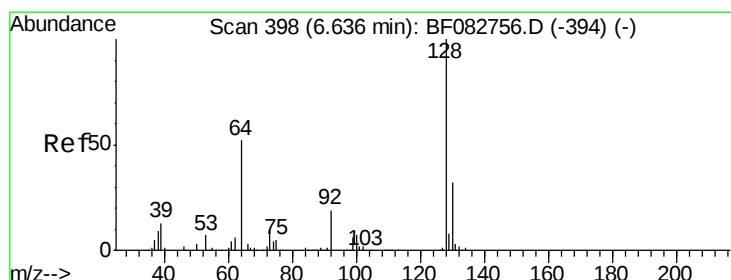
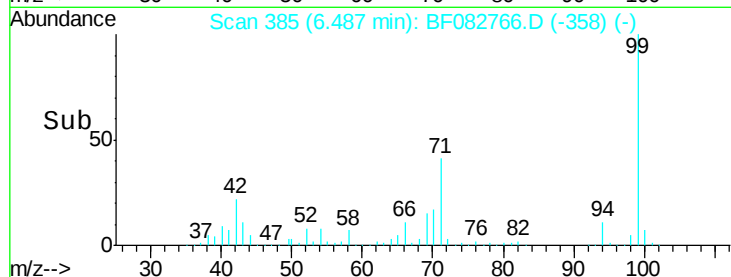
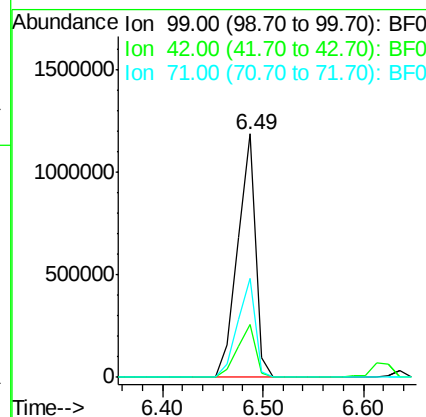
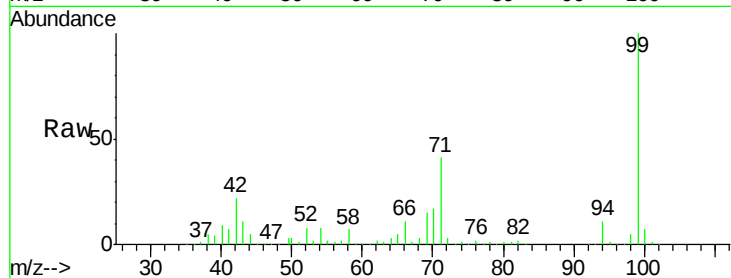
ClientSampleId :

PB86426BS

Tot Ion:	99	Resp:	1458656
Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.2	28.8
71	40.8	35.0	52.4

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#8

2-Chlorophenol

Concen: 37.22 ng

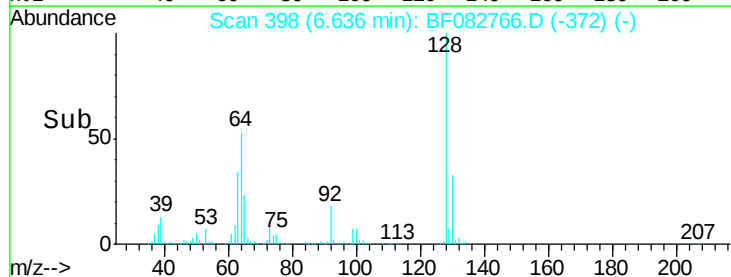
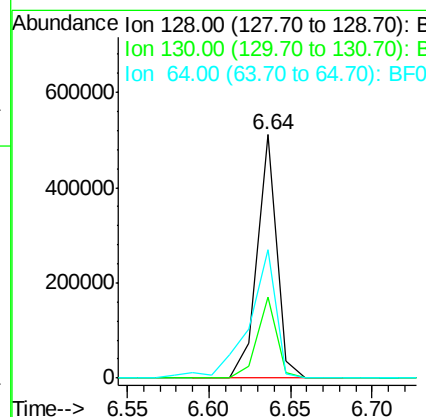
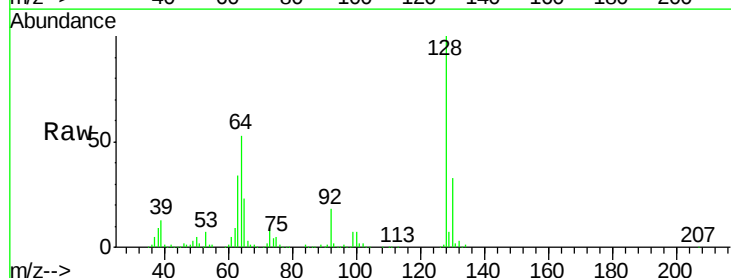
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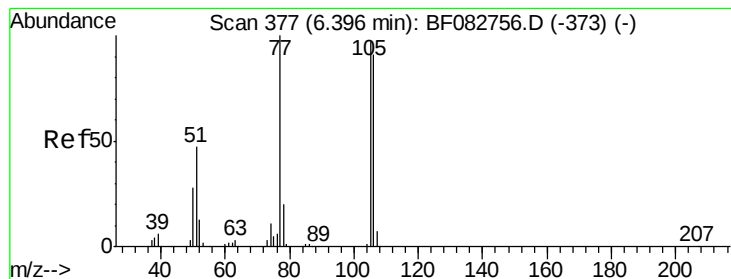
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	128	Resp:	425671
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.5	53.5
64	52.9	21.1	61.1





#9

Benzaldehyde

Concen: 5.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082766.D

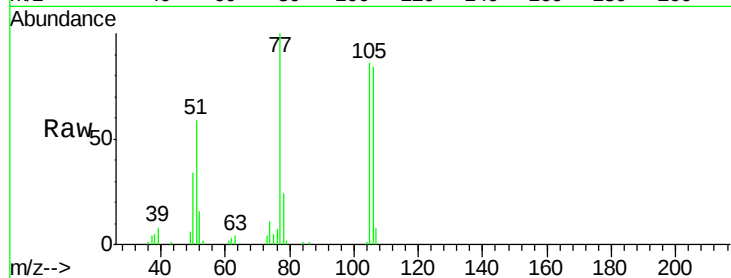
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Instrument :

BNA_F

ClientSampleId :

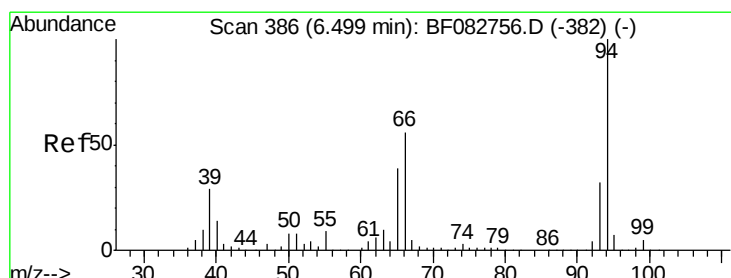
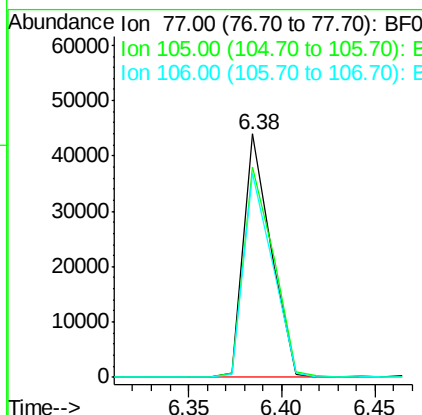
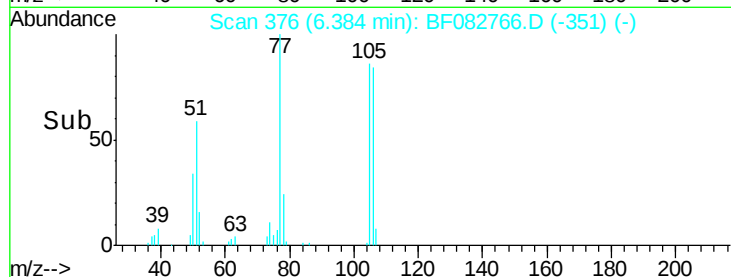
PB86426BS



Tot Ion:	77	Resp:	44554
Ion	Ratio	Lower	Upper
77	100		
105	86.2	63.5	103.5
106	83.6	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 38.48 ng

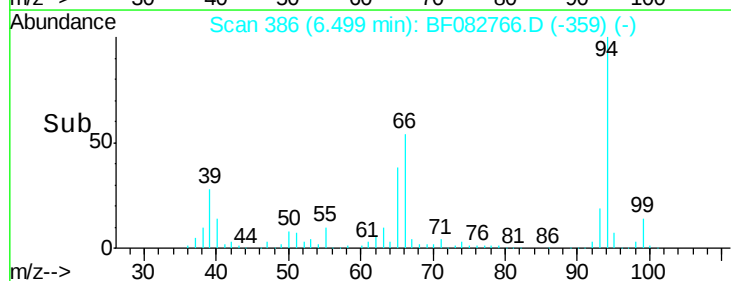
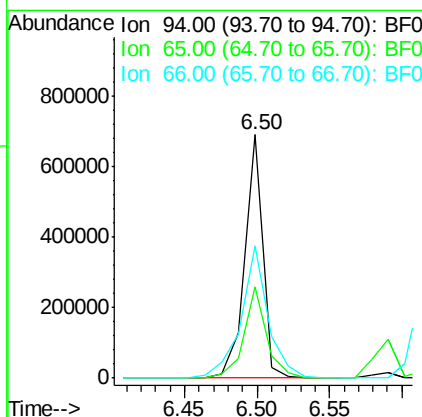
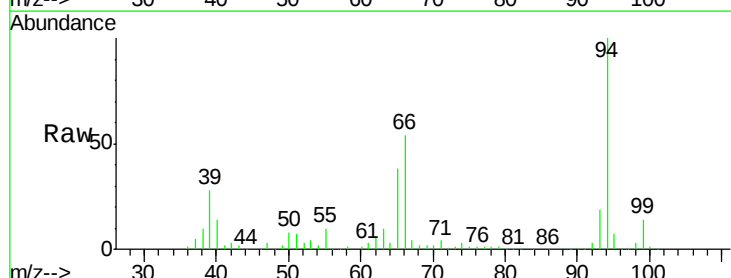
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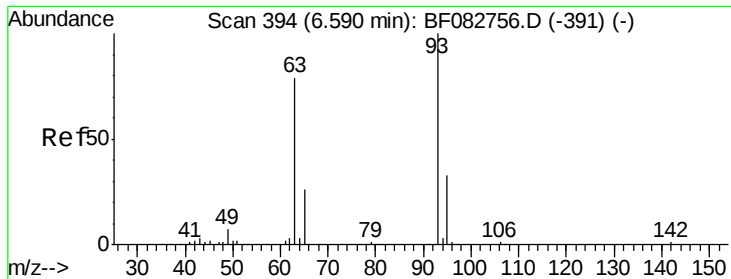
Delta R.T. 0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	94	Resp:	598909
Ion	Ratio	Lower	Upper
94	100		
65	37.7	18.9	58.9
66	54.2	34.9	74.9





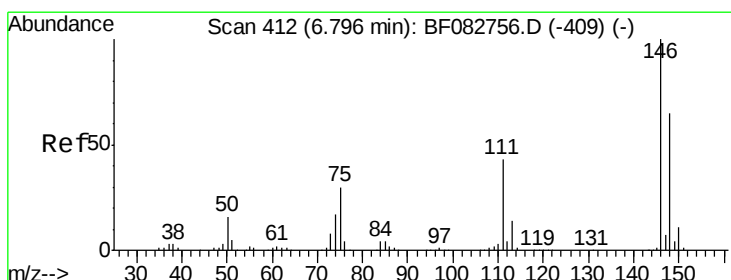
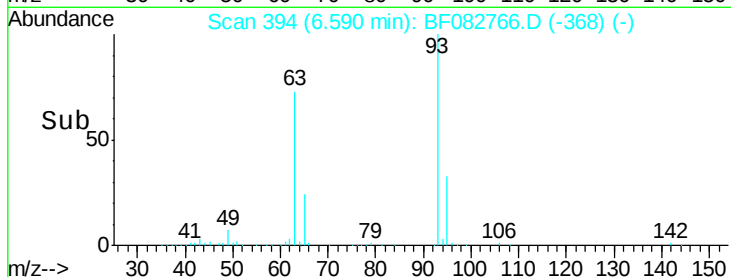
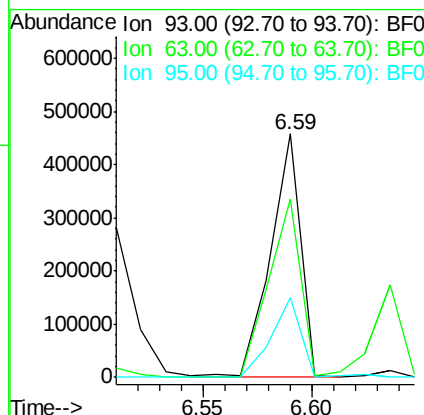
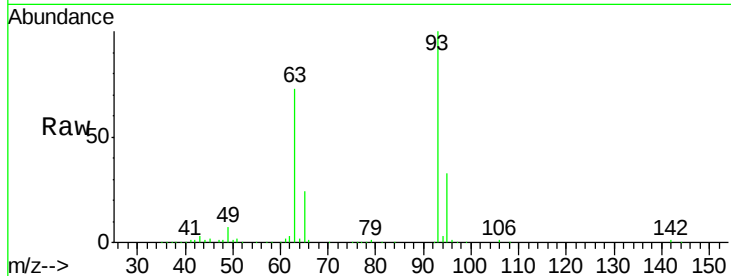
#11
bis(2-Chloroethyl)ether
Concen: 37.93 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampled :
PB86426BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	72.7	112.7
95	32.6	12.0	52.0

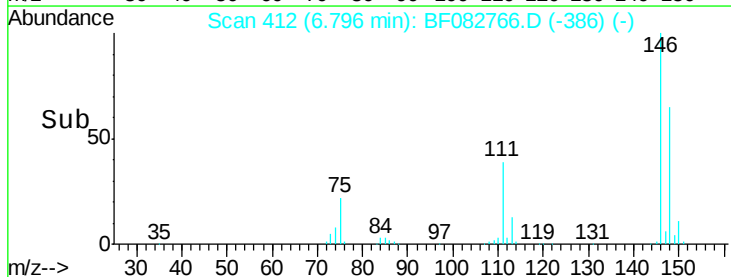
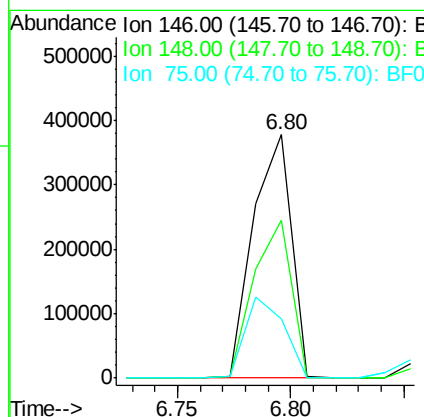
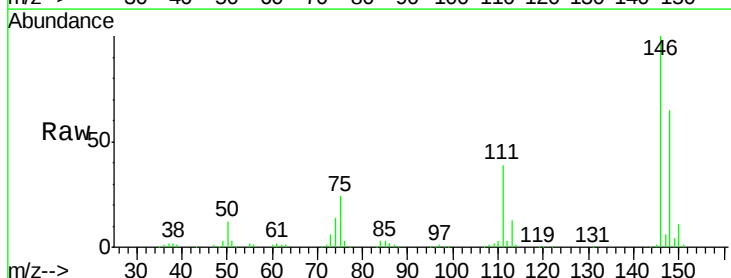
Manual Integrations
APPROVED

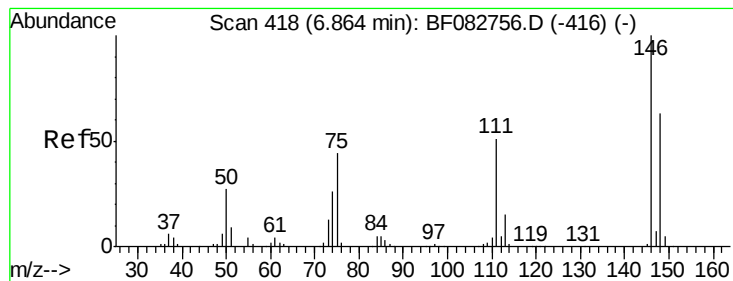
Mmdadoda
11/9/2015 2:10:24 PM



#12
1,3-Dichlorobenzene
Concen: 34.79 ng m
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
75	24.5	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 32.70 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

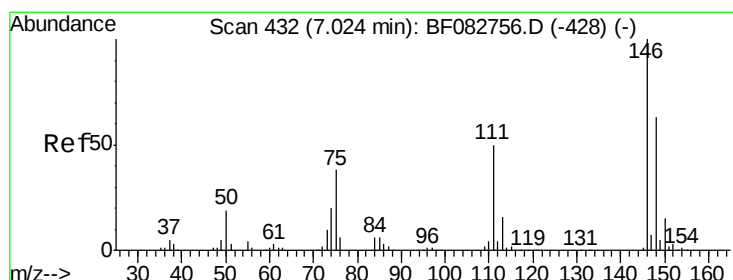
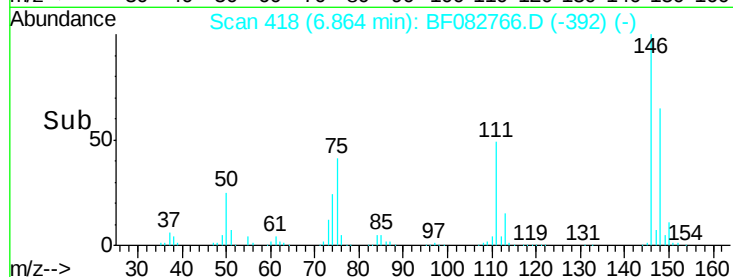
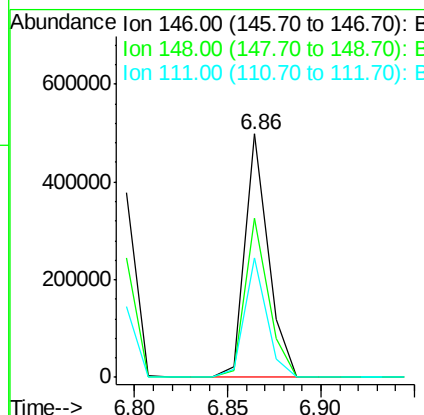
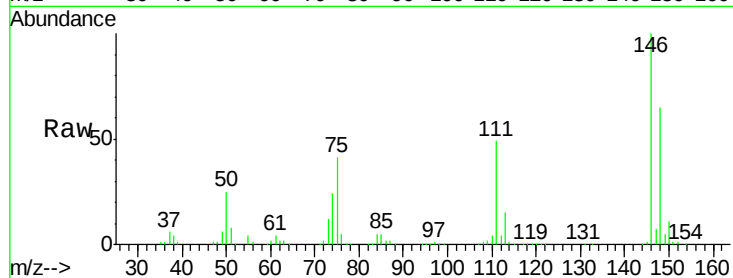
ClientSampleId :

PB86426BS

Tot Ion:	146	Resp:	438850
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.8	76.2
111	48.9	40.6	60.8

Manual Integrations
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11/9/2015 2:10:24 PM



#14

1,2-Dichlorobenzene

Concen: 37.65 ng

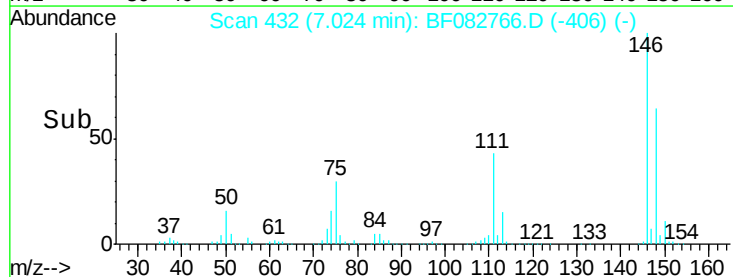
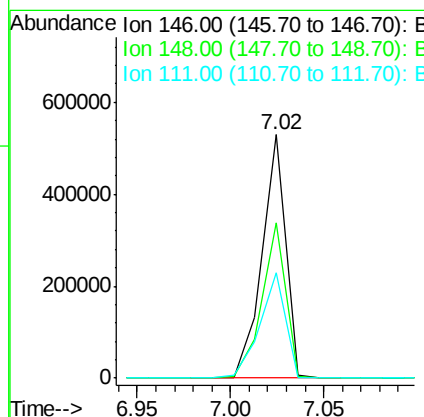
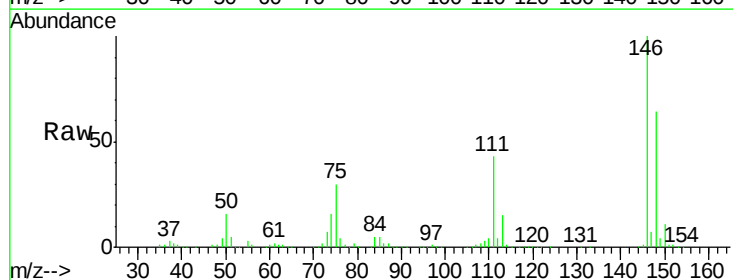
RT: 7.02 min Scan# 432

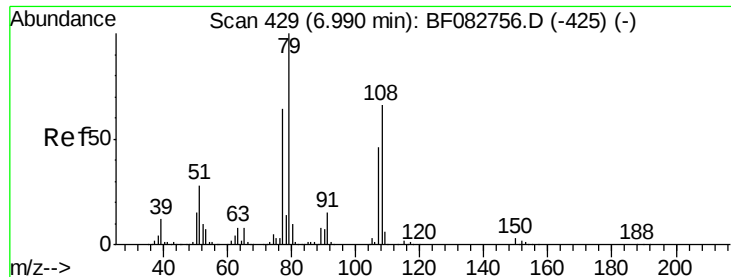
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	146	Resp:	459489
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
111	43.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 34.44 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

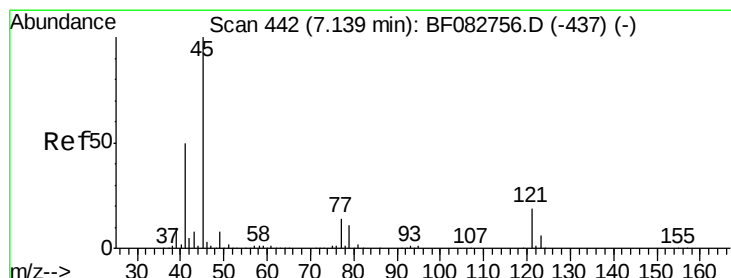
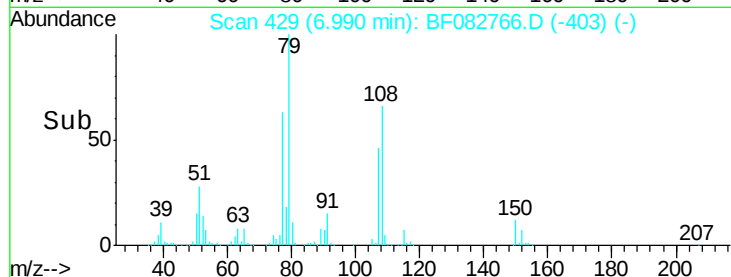
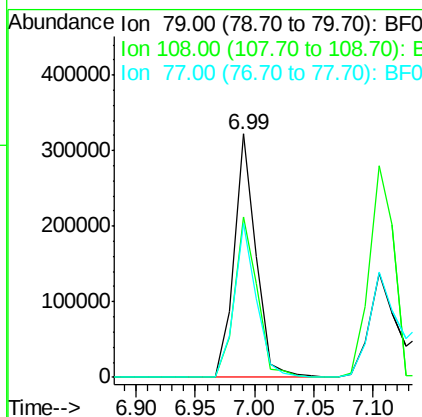
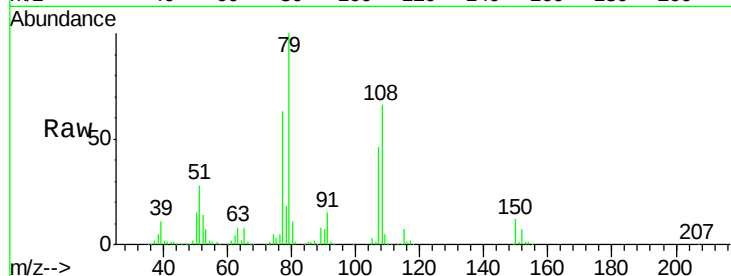
ClientSampleId :

PB86426BS

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11/9/2015 2:10:24 PM

Tot Ion:	79	Resp:	414832
Ion Ratio	Lower	Upper	
79	100		
108	65.8	52.2	78.4
77	63.1	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.07 ng

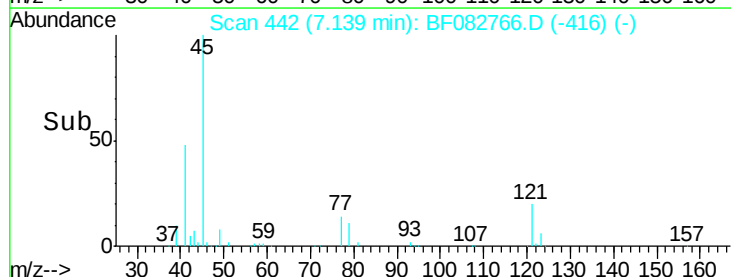
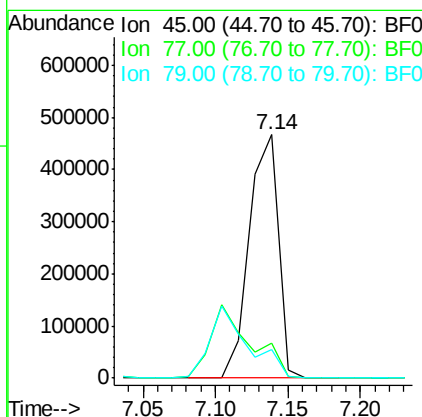
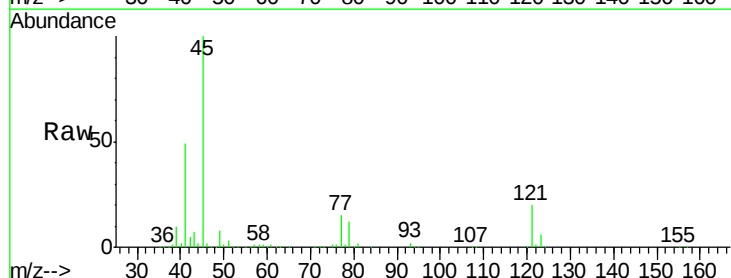
RT: 7.14 min Scan# 442

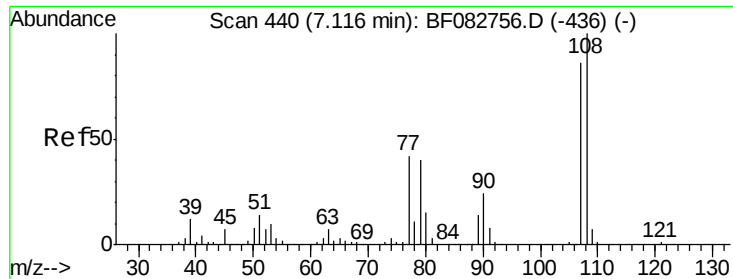
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	45	Resp:	649938
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	32.6
79	11.6	0.0	29.2





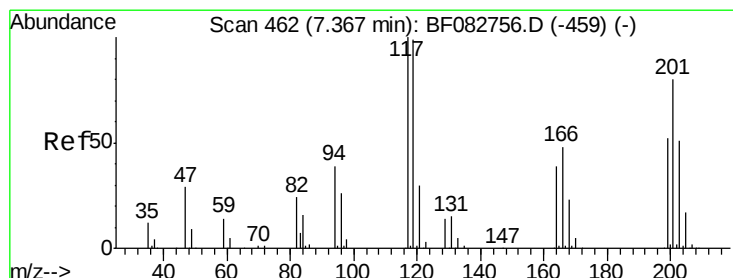
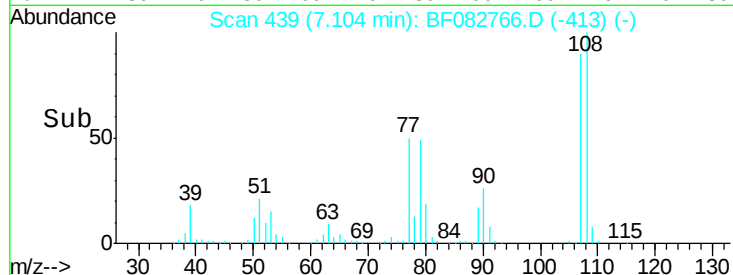
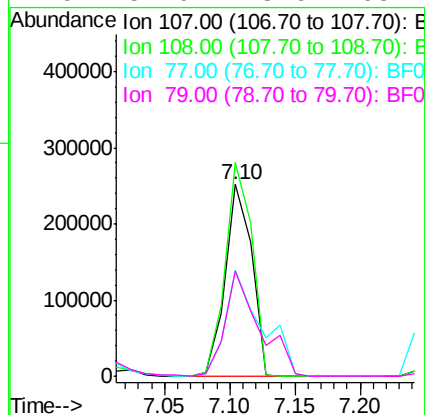
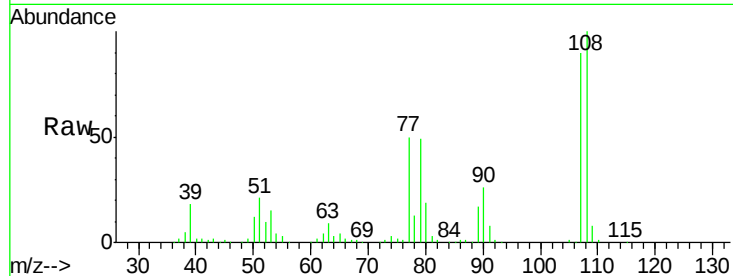
#17
2-Methylphenol
Concen: 36.68 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	93.0	139.4	
77	55.6	44.1	66.1	
79	54.9	43.6	65.4	

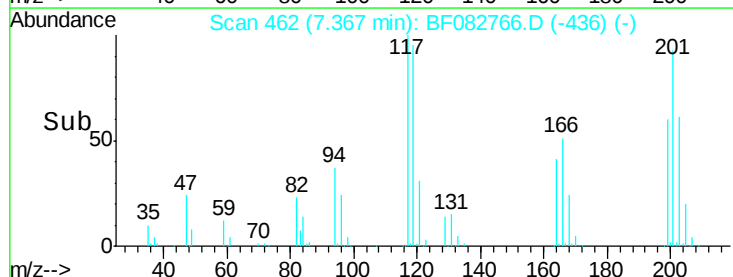
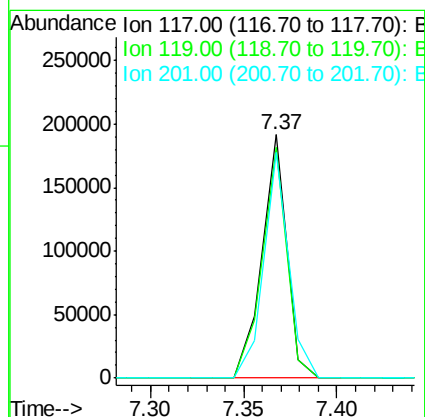
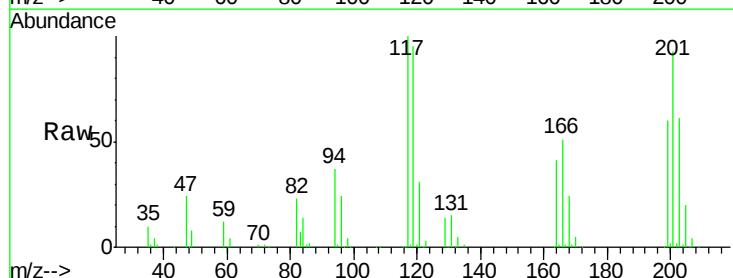
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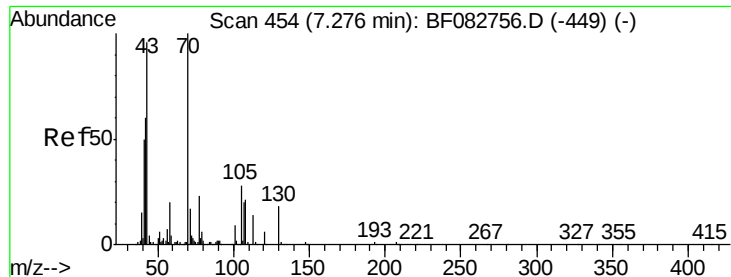
Mmdadoda
11/9/2015 2:10:24 PM



#18
Hexachloroethane
Concen: 36.44 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	77.7	116.5	
201	92.8	66.7	100.1	





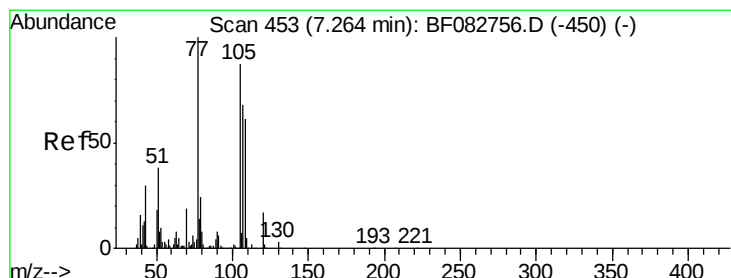
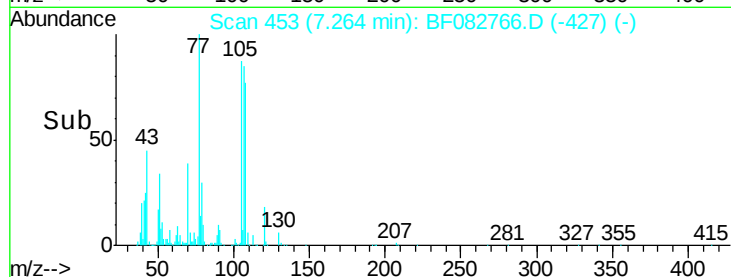
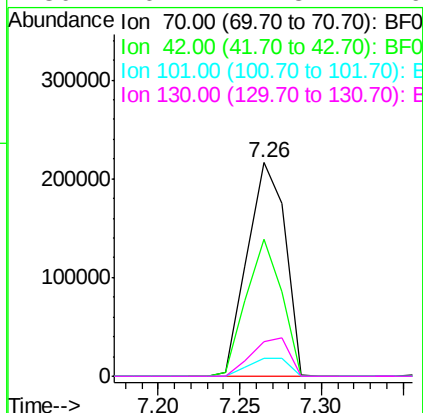
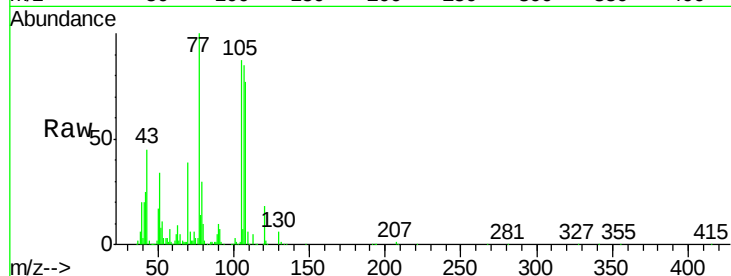
#19
n-Nitroso-di-n-propylamine
Concen: 34.59 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Manual Integrations
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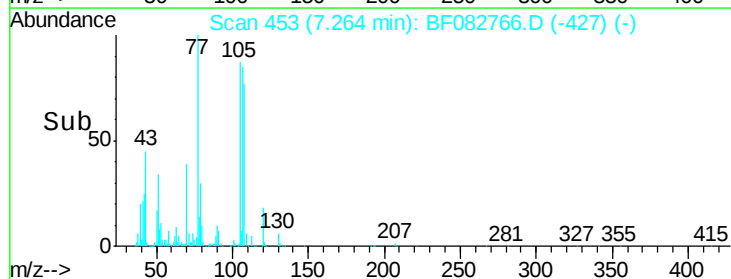
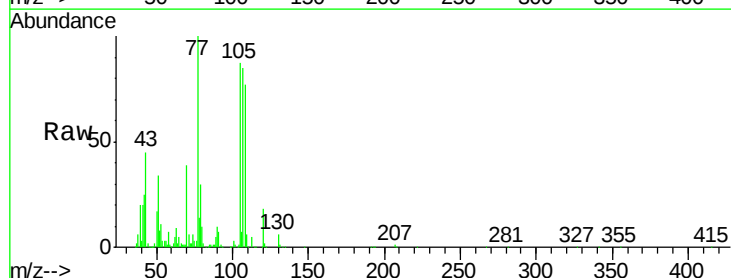
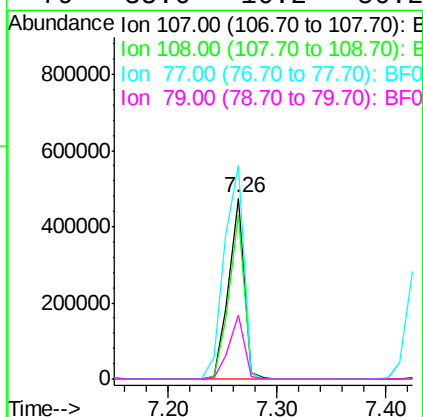
Mmdadoda
11/9/2015 2:10:24 PM

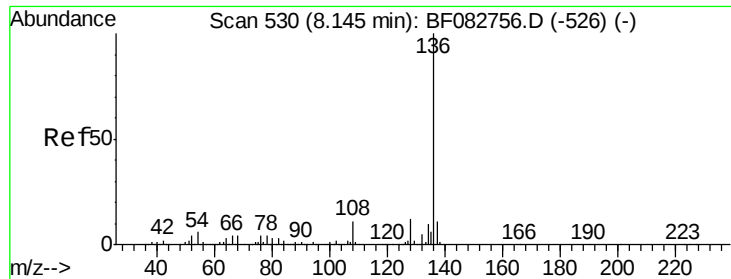
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.2	57.7	86.5	
101	8.7	7.0	10.6	
130	16.1	11.8	17.6	



#20
3+4-Methylphenols
Concen: 37.39 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.3	107.3	
77	118.0	100.3	140.3	
79	35.6	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

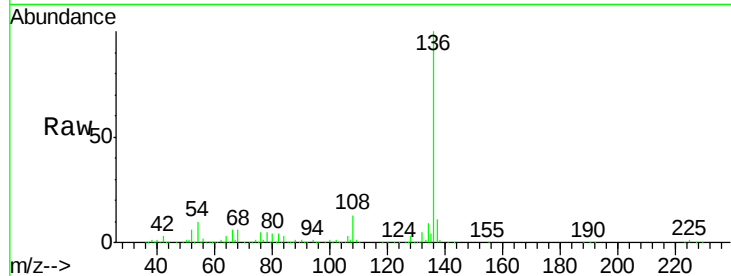
ClientSampleId :

PB86426BS

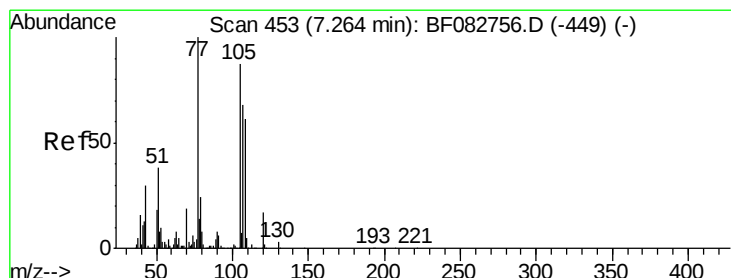
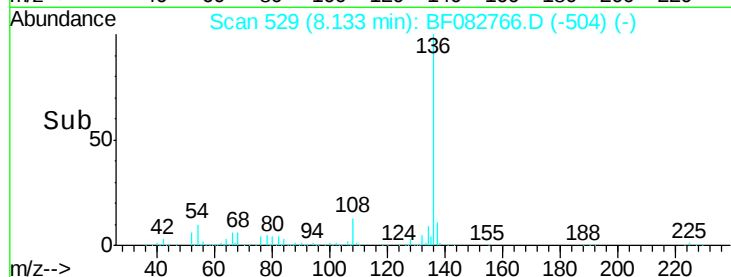
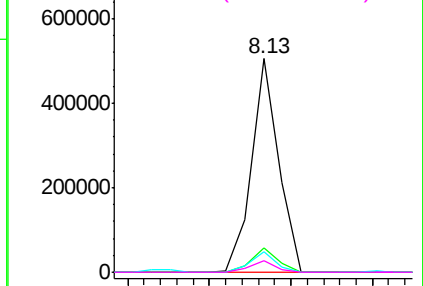
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Tot Ion	Ratio	Resp	Lower	Upper
136	100	579206		
137	11.4		9.1	13.7
54	9.7		9.1	13.7
68	5.6		4.8	7.2



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



#22

Acetophenone

Concen: 37.90 ng

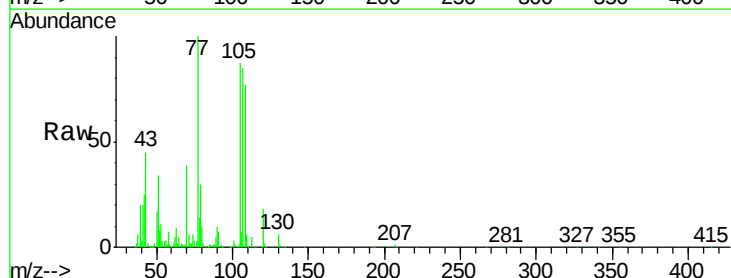
RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

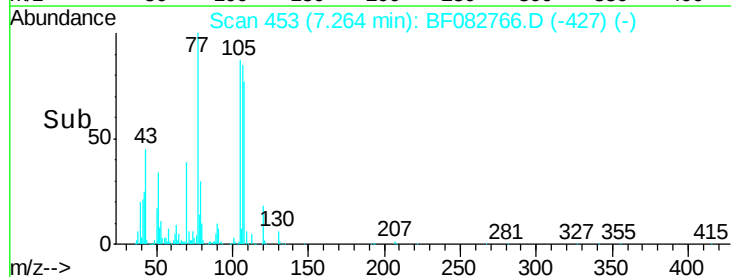
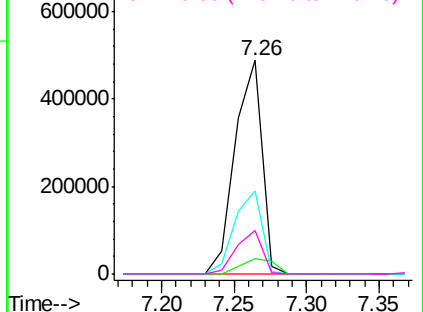
Lab File: BF082766.D

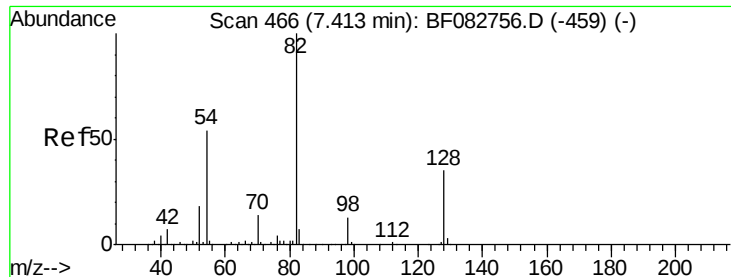
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	628915		
71	7.1		5.6	8.4
51	39.2		24.9	37.3#
120	20.3		15.8	23.8



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





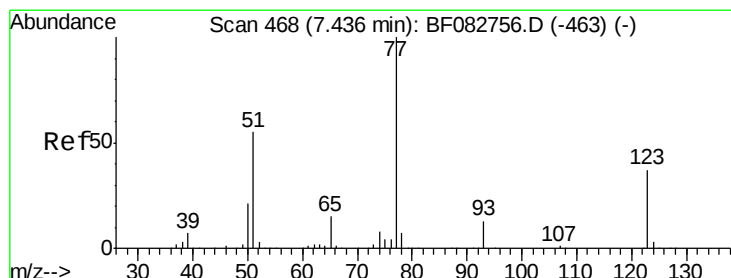
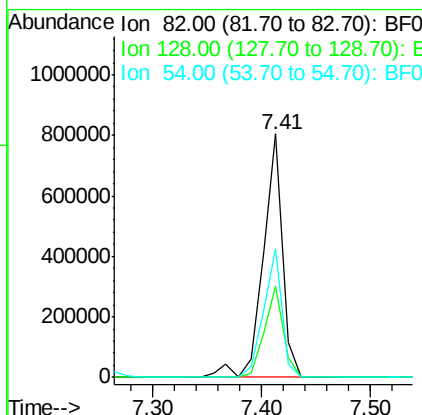
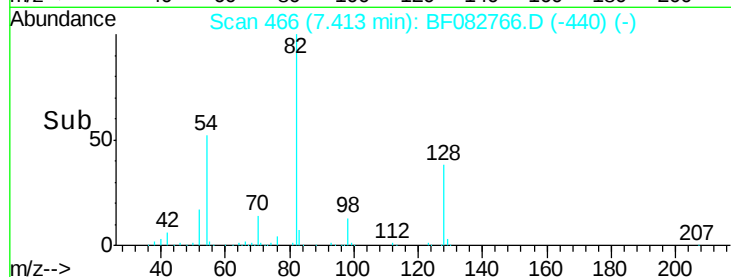
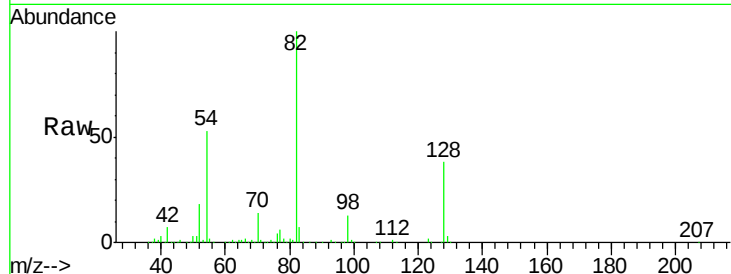
#23
 Nitrobenzene-d5
 Concen: 75.20 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.8	40.2
54	52.9	45.7	68.5

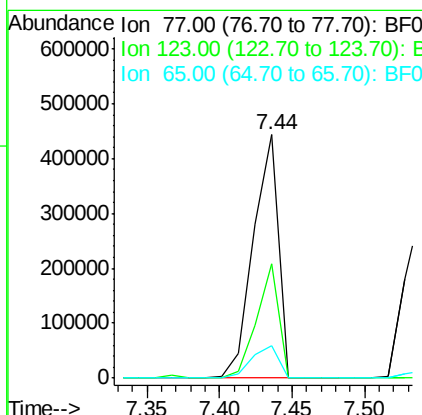
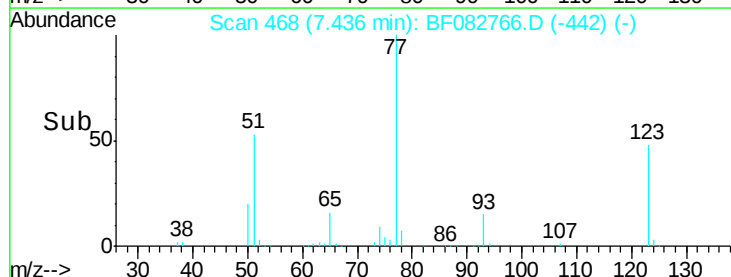
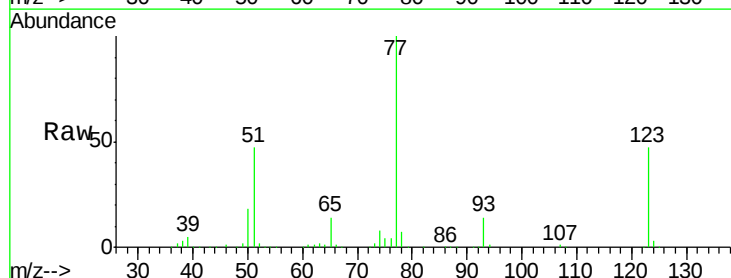
Manual Integrations
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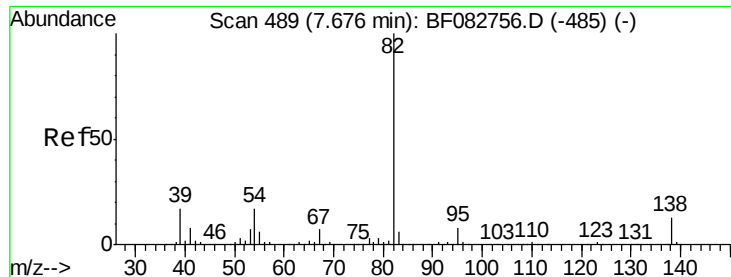
Mmdadoda
 11/9/2015 2:10:24 PM



#24
 Nitrobenzene
 Concen: 39.02 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	36.4	54.6
65	13.6	11.5	17.3





#25

Isophorone

Concen: 36.63 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

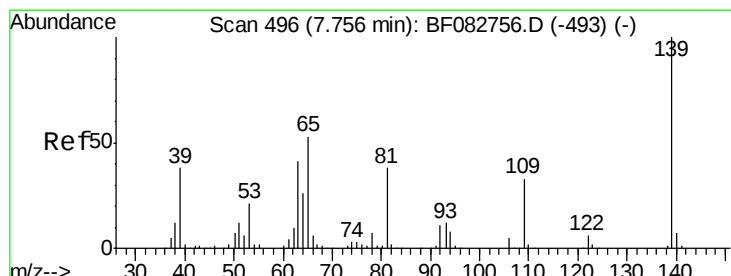
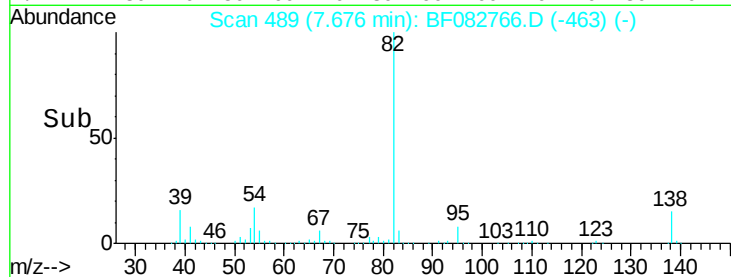
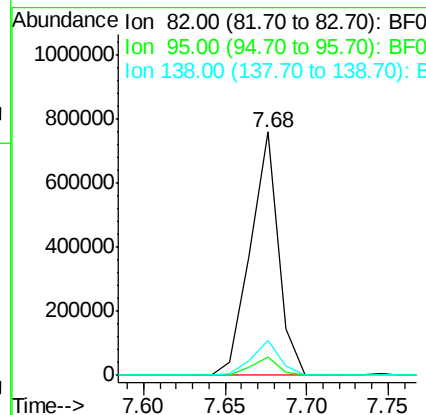
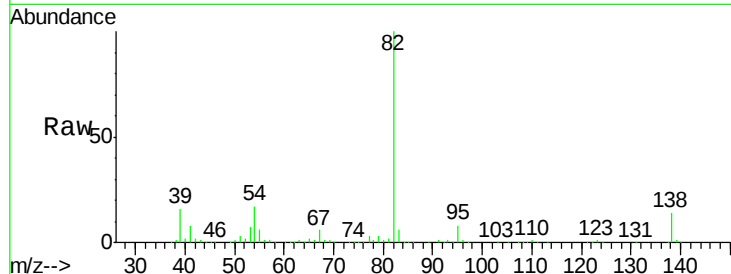
ClientSampleId :

PB86426BS

Tot Ion:	82	Resp:	902264
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.6	9.8
138	14.5	11.4	17.0

Manual Integrations
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11/9/2015 2:10:24 PM



#26

2-Nitrophenol

Concen: 37.57 ng

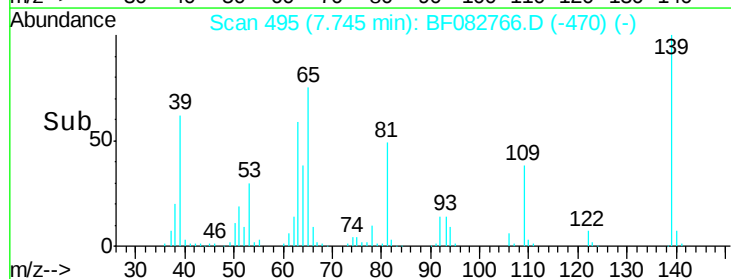
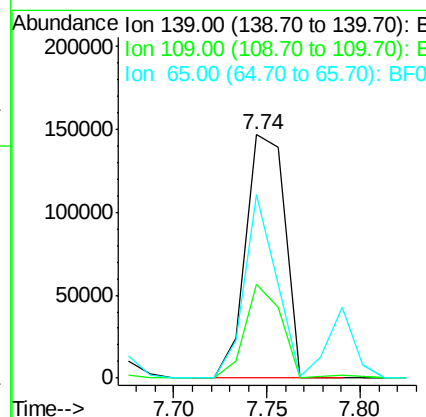
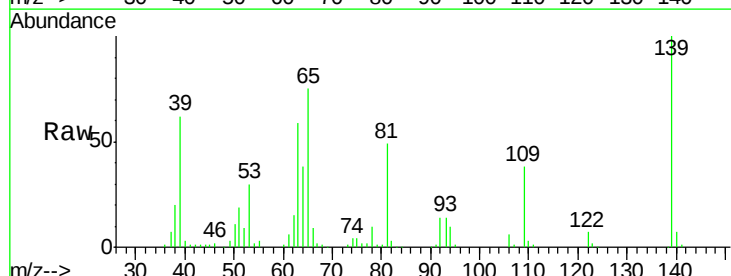
RT: 7.74 min Scan# 495

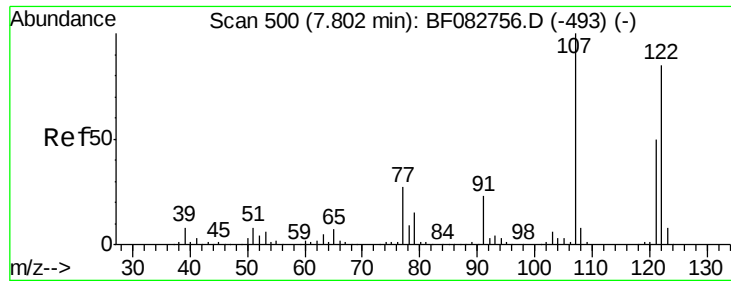
Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	139	Resp:	213458
Ion Ratio	Lower	Upper	
139	100		
109	38.3	37.6	56.4
65	75.5	70.6	105.8





#27

2,4-Dimethylphenol

Concen: 36.30 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

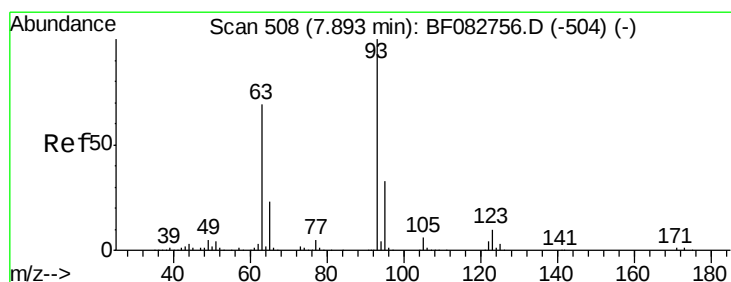
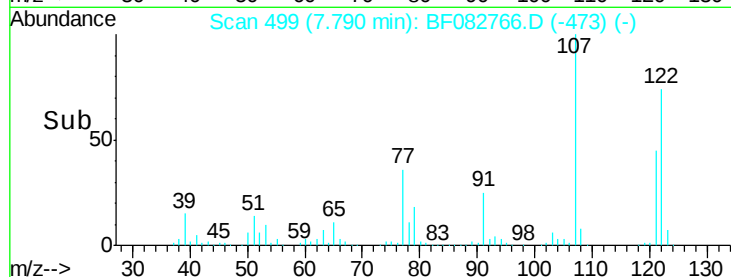
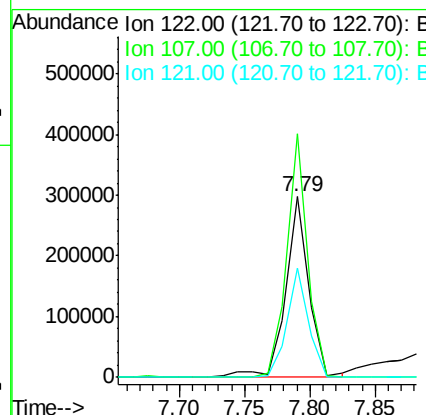
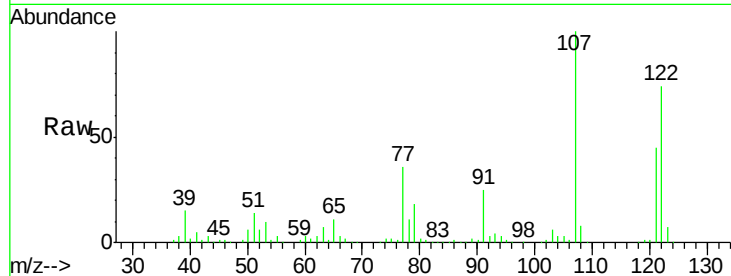
ClientSampleId :

PB86426BS

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Tot Ion	Ratio	Lower	Upper
122	100		
107	135.0	106.0	159.0
121	60.9	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.54 ng

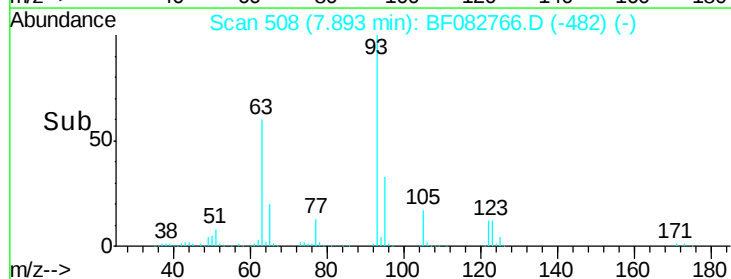
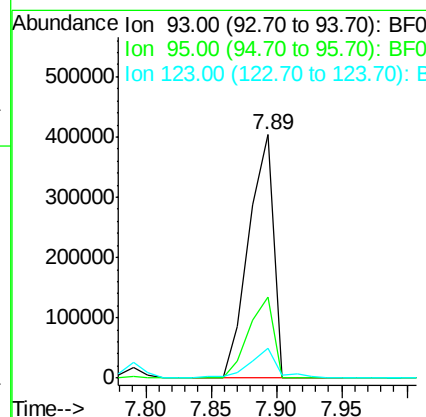
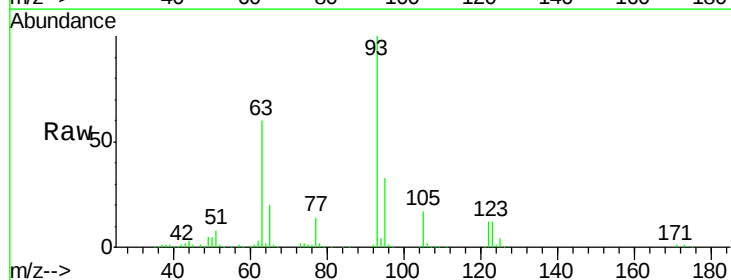
RT: 7.89 min Scan# 508

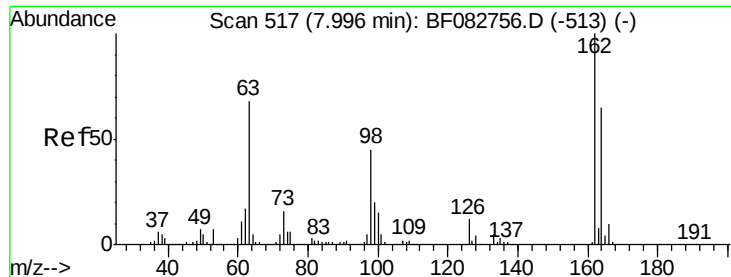
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.3	9.7	14.5





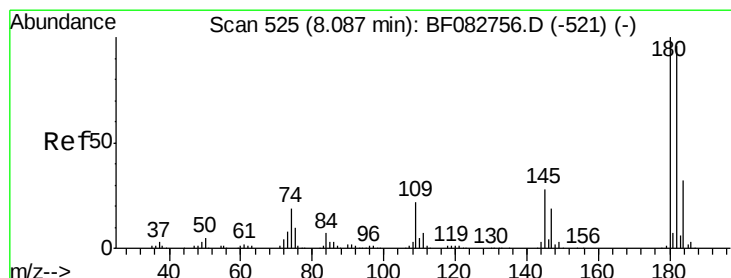
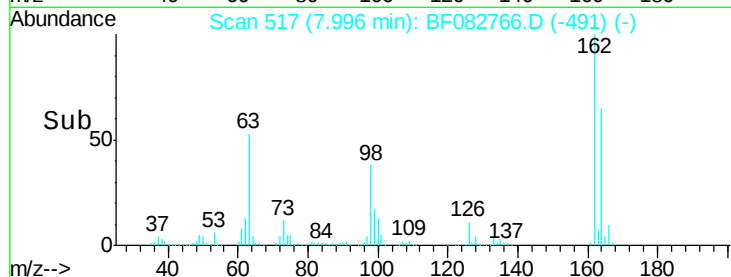
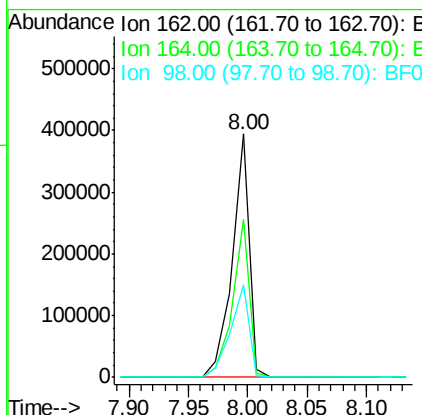
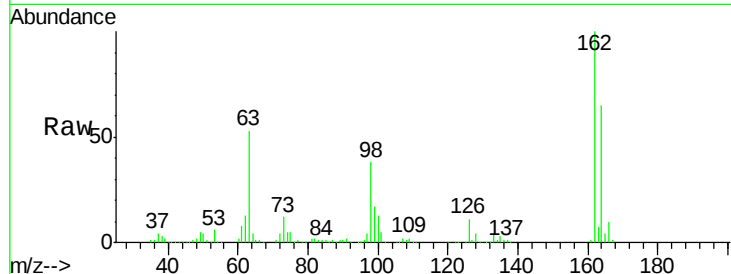
#29
2,4-Dichlorophenol
Concen: 42.48 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	392001		
164	64.6	46.8	86.8	
98	37.8	12.5	52.5	

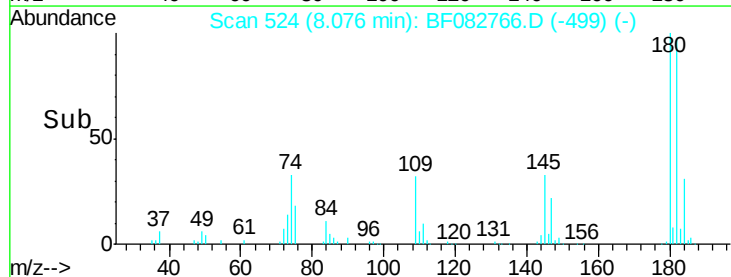
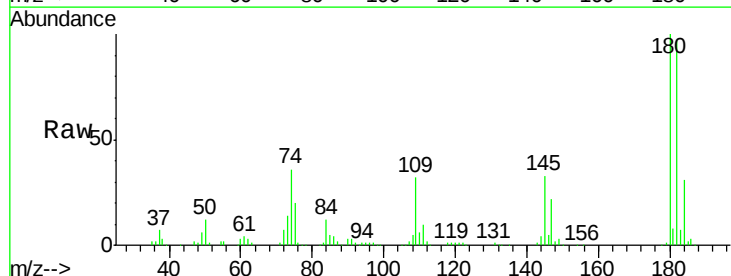
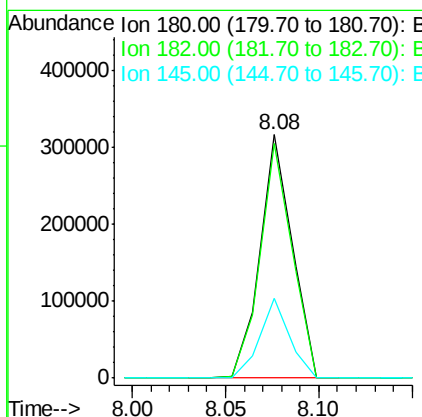
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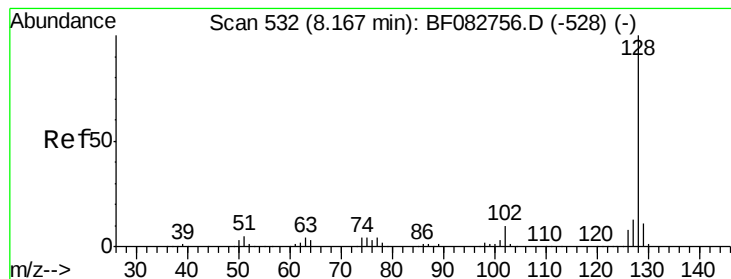
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#30
1,2,4-Trichlorobenzene
Concen: 36.31 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	376740		
182	96.5	74.9	112.3	
145	32.7	27.8	41.8	





#31

Naphthalene

Concen: 35.15 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

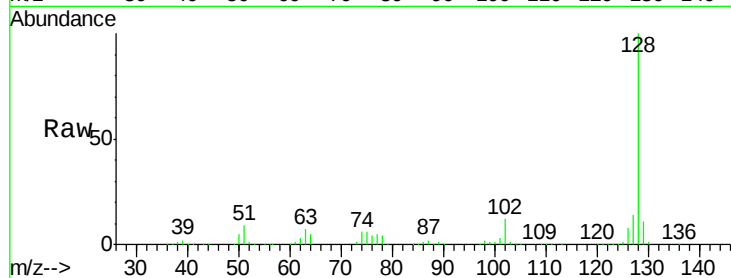
ClientSampleId :

PB86426BS

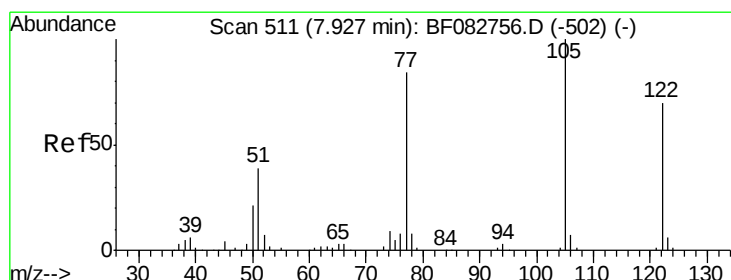
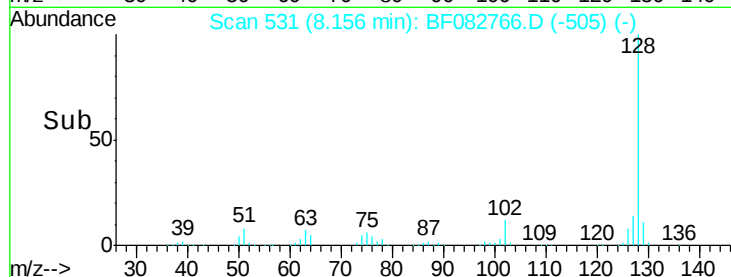
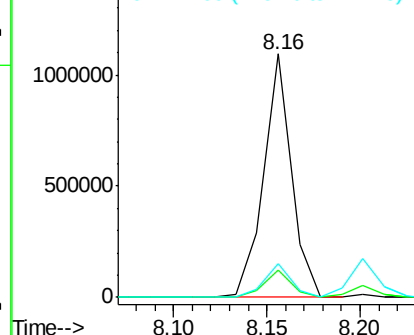
Tot Ion:	128	Resp:	1123164
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.8	11.4	17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.02 ng

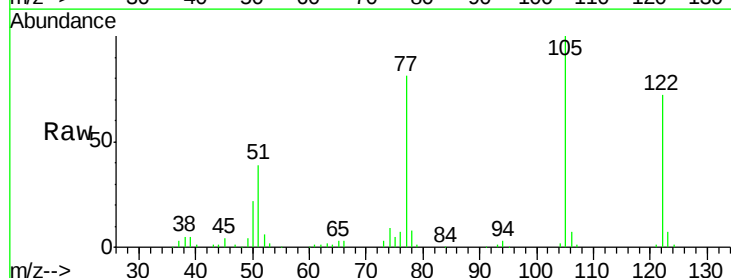
RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

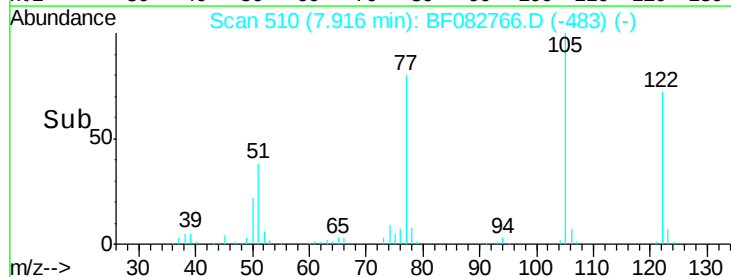
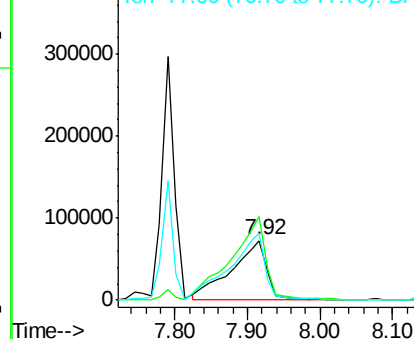
Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	122	Resp:	244774
Ion	Ratio	Lower	Upper
122	100		
105	139.2	122.6	162.6
77	112.9	100.9	140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





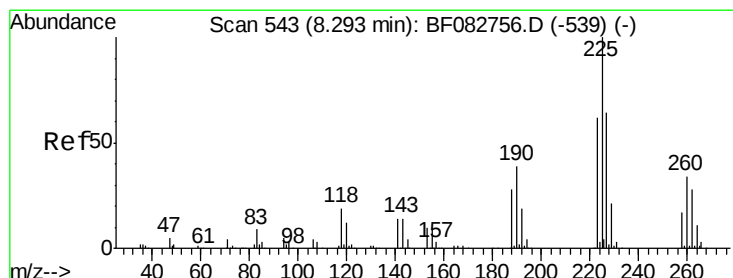
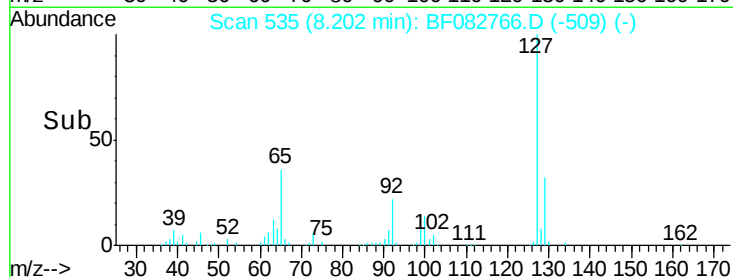
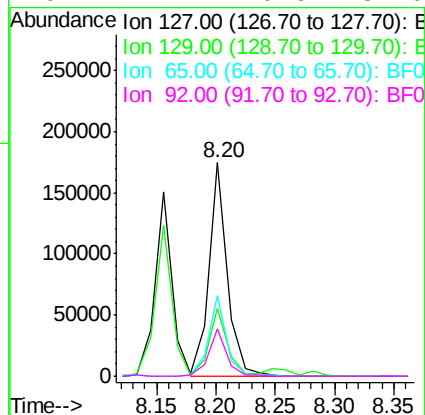
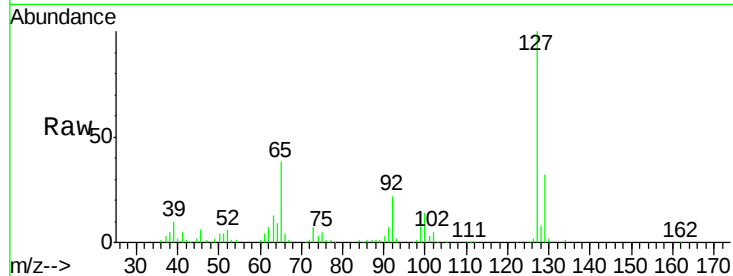
#33
4-Chloroaniline
Concen: 13.59 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		187191		
129	31.8	26.3	39.5		
65	38.0	37.8	56.8		
92	22.4	20.6	31.0		

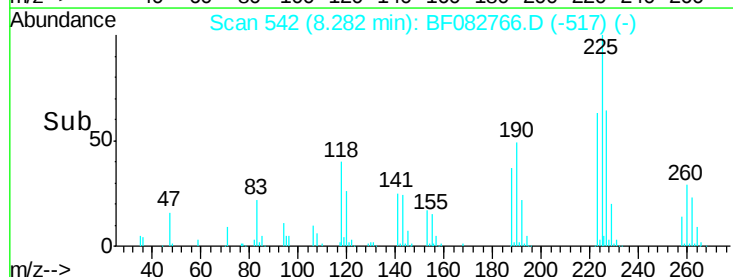
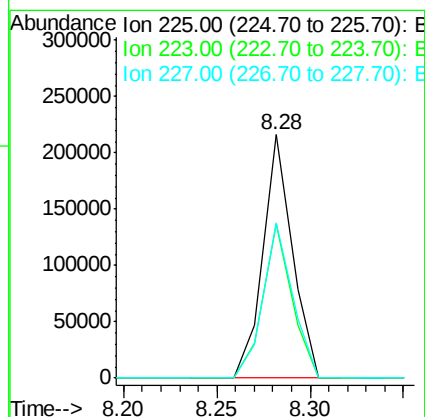
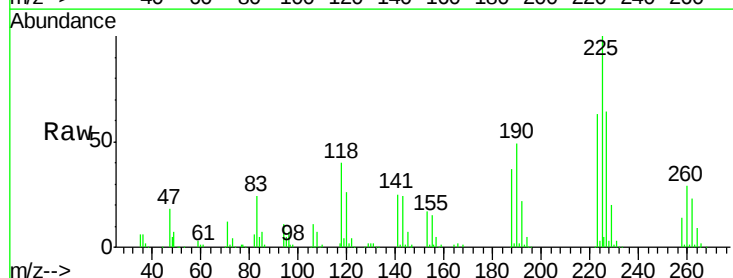
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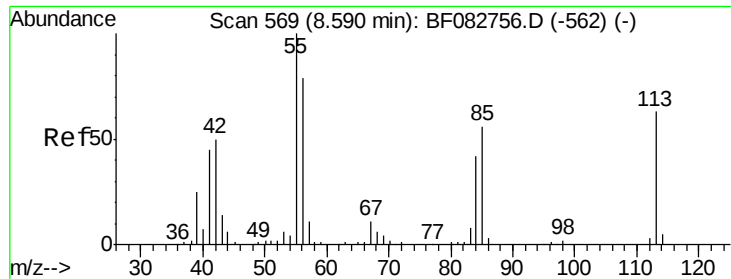
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#34
Hexachlorobutadiene
Concen: 36.21 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		235158		
223	63.2	50.5	75.7		
227	63.6	50.2	75.2		





#35

Caprolactam

Concen: 41.12 ng/mL

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

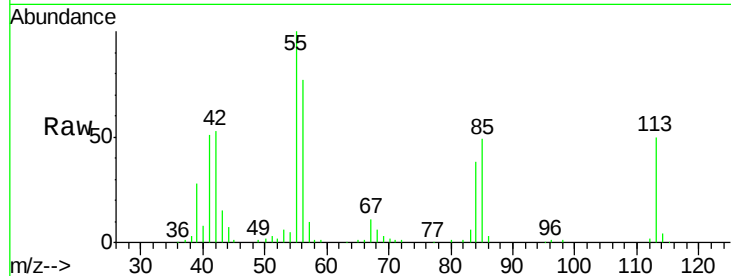
ClientSampleId :

PB86426BS

Tot Ion:	113	Resp:	119620
Ion Ratio	Lower	Upper	
113	100		
55	201.5	195.5	235.5
56	155.8	153.5	193.5

Manual Integrations
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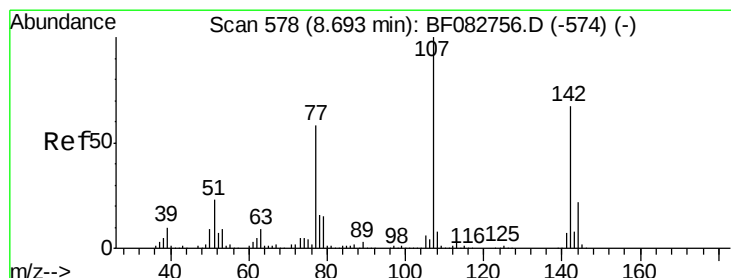
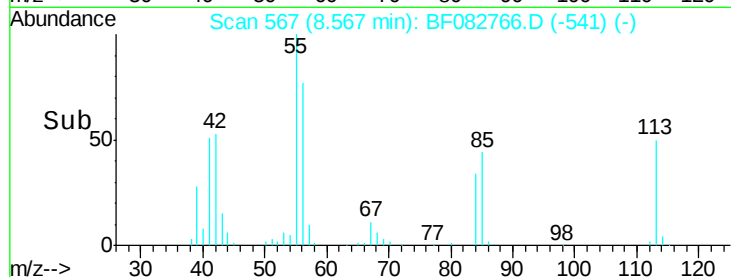
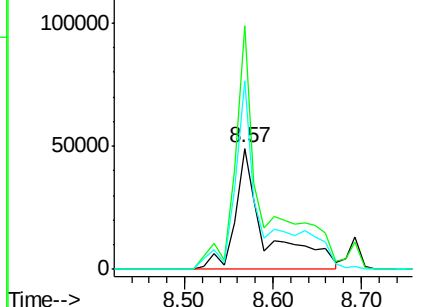
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.85 ng/mL

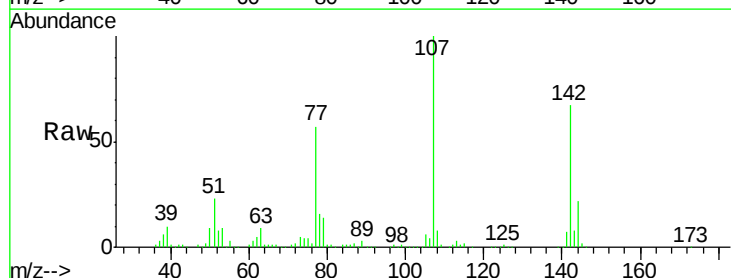
RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

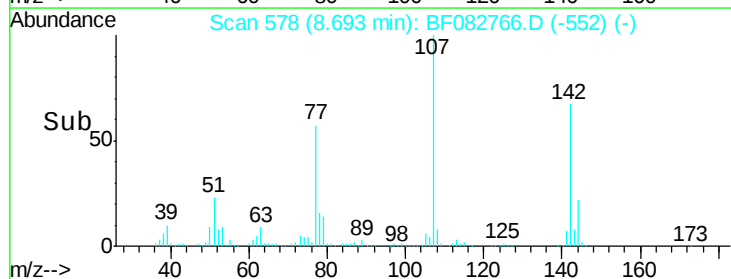
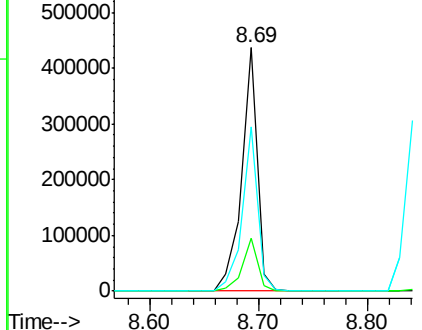
Tgt Ion:	107	Resp:	432455
Ion Ratio	Lower	Upper	
107	100		
144	21.7	15.4	23.0
142	67.4	47.8	71.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





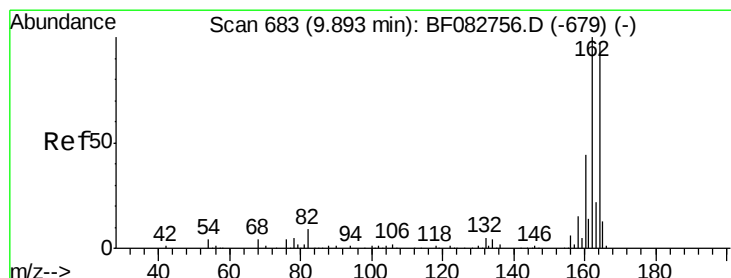
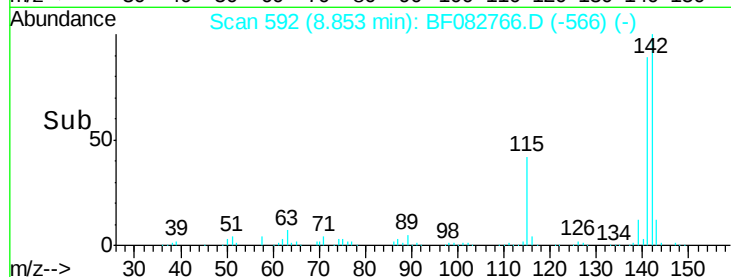
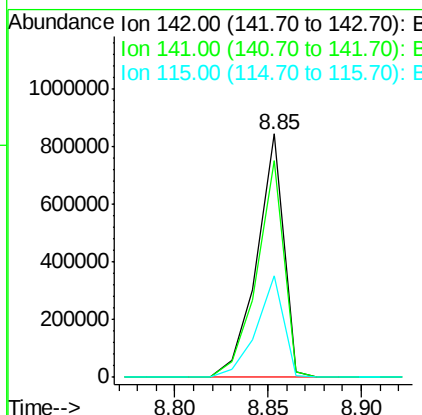
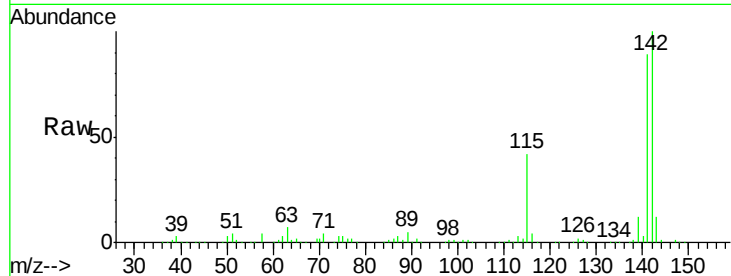
#37
 2-Methylnaphthalene
 Concen: 40.80 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	41.5	38.1	57.1

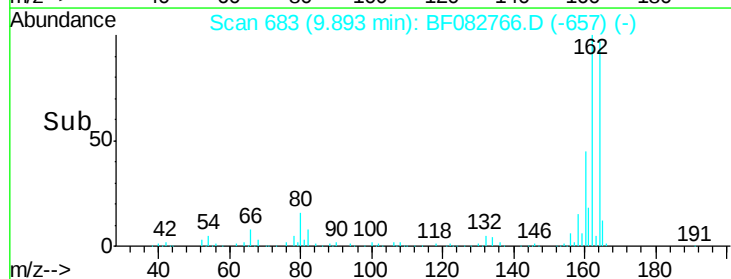
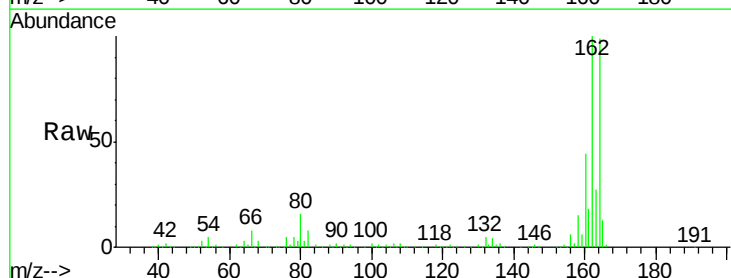
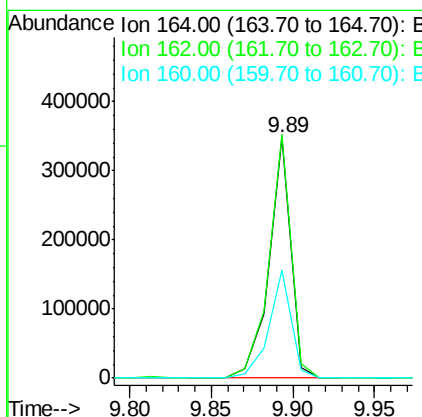
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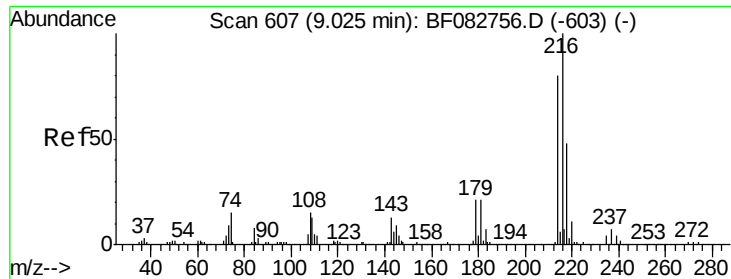
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.9	127.3
160	44.9	37.5	56.3





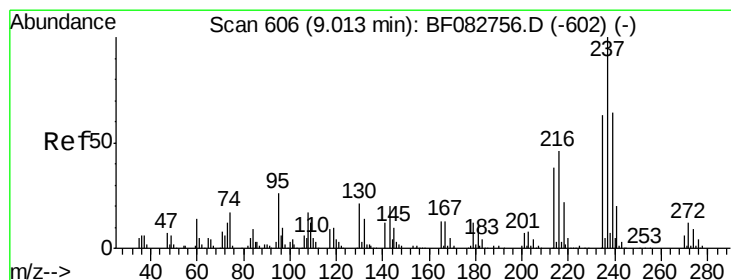
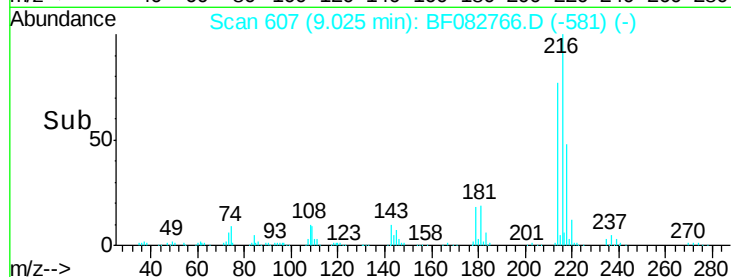
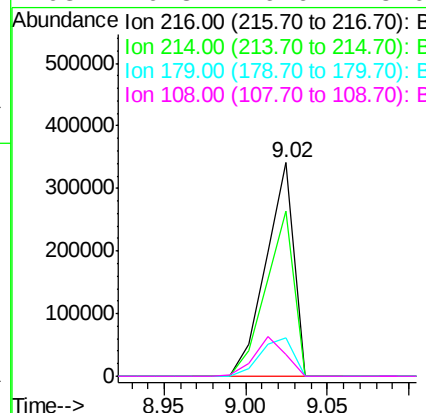
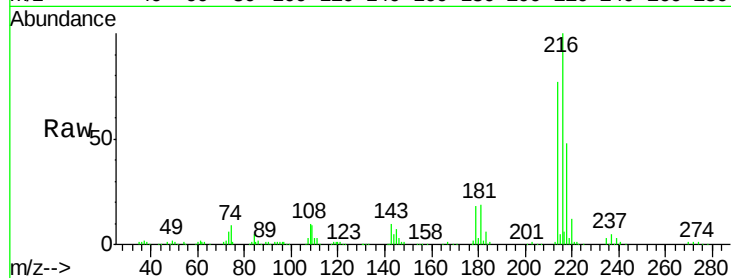
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.21 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.0		62.2	93.2	
179	21.2		18.1	27.1	
108	20.3		16.6	25.0	

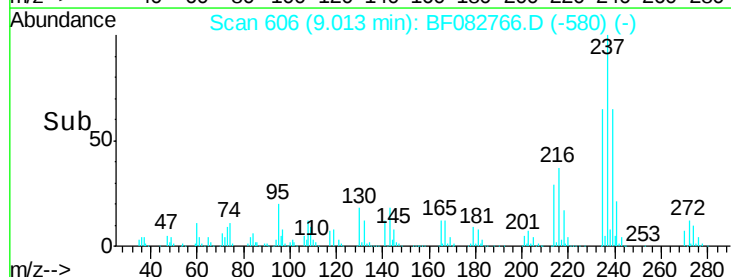
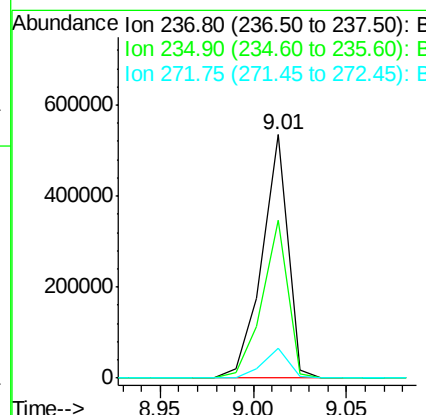
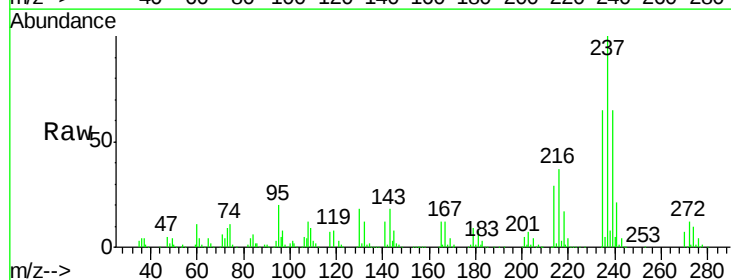
Manual Integrations
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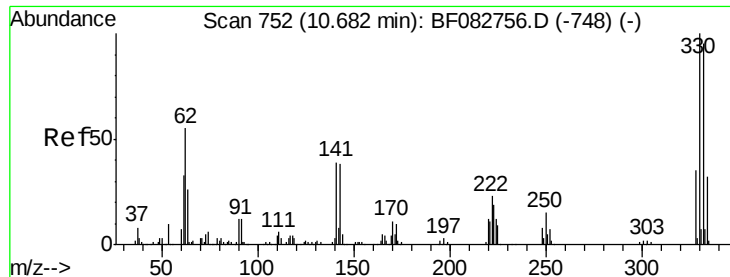
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#40
 Hexachlorocyclopentadiene
 Concen: 89.95 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.0		44.3	84.3	
272	12.3		0.0	31.9	





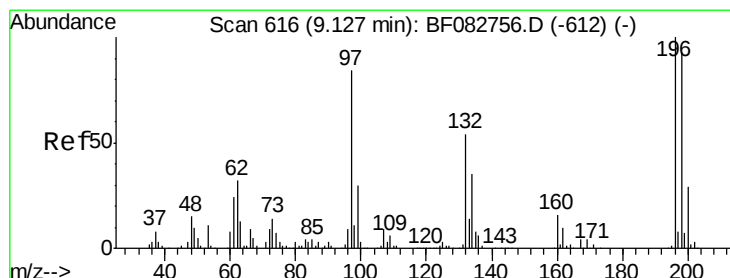
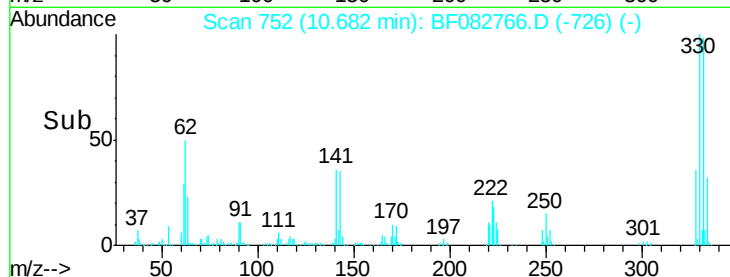
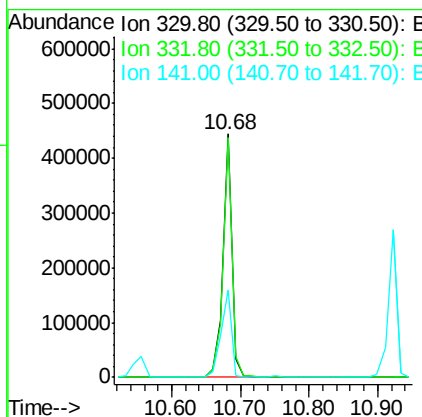
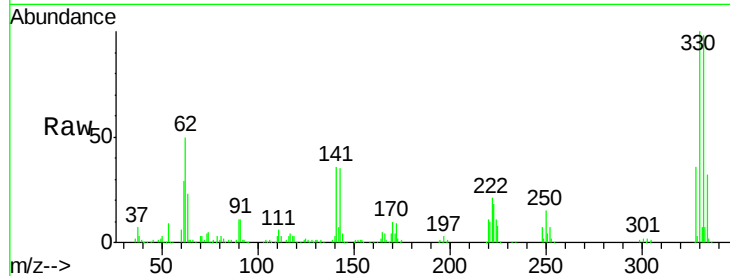
#41
 2,4,6-Tribromophenol
 Concen: 112.29 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	76.6	114.8	
141	41.3	41.2	61.8	

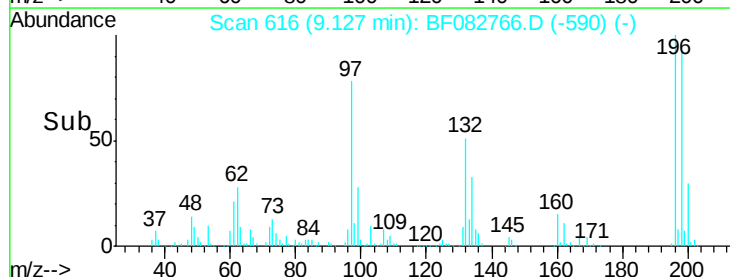
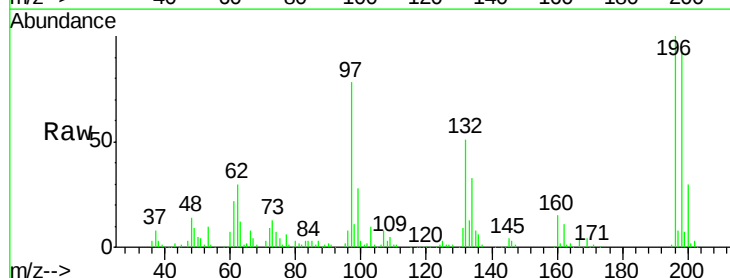
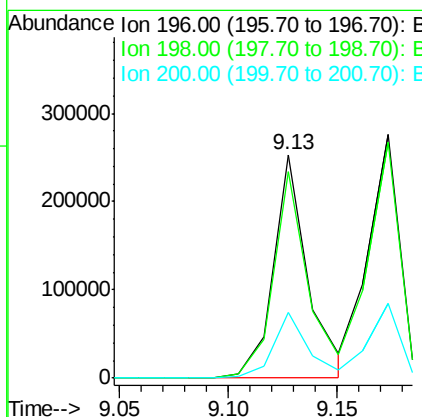
Manual Integrations
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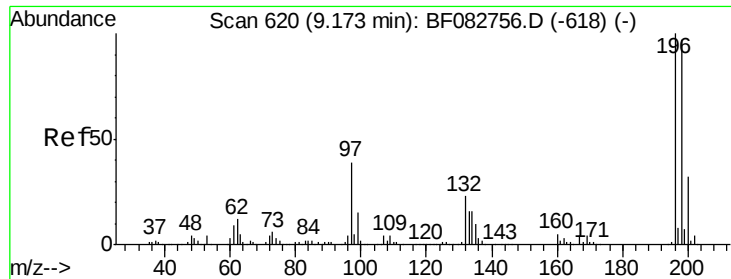
Mmdadoda
 11/9/2015 2:10:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

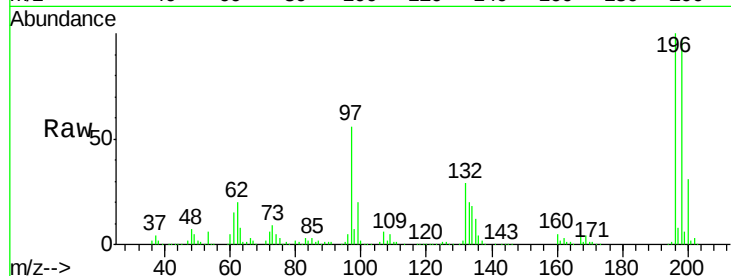
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	76.3	114.5	
200	29.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 35.55 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

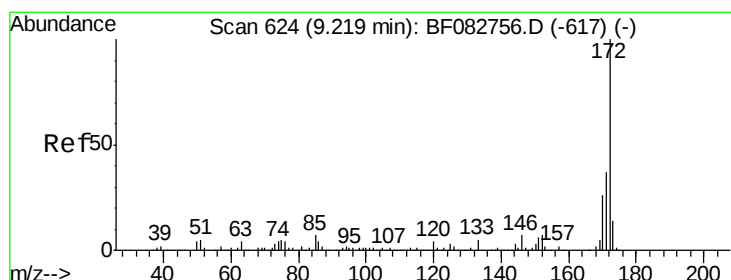
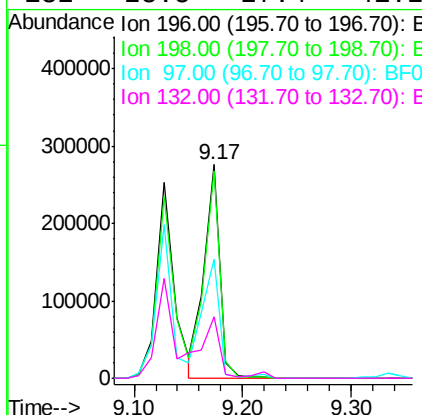
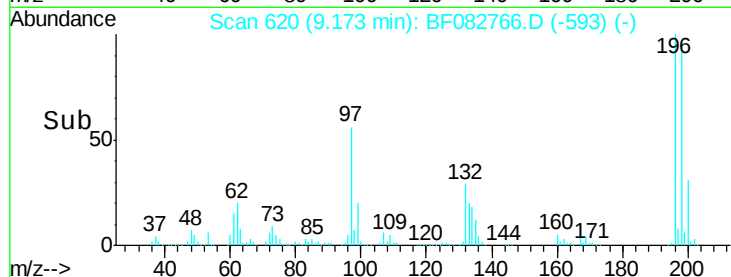
Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS



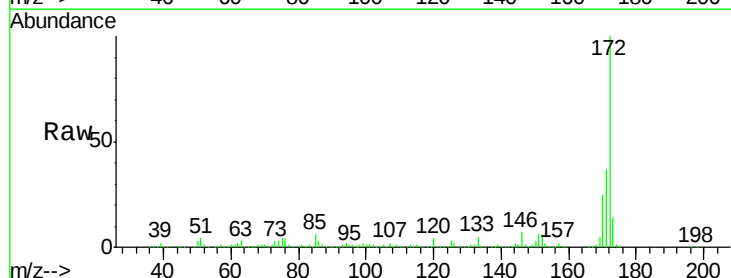
Tot Ion	Ratio	Resp	Lower	Upper
196	100	279229		
198	97.0	75.8	113.8	
97	56.0	62.3	93.5	
132	28.5	27.4	41.2	

Manual Integrations
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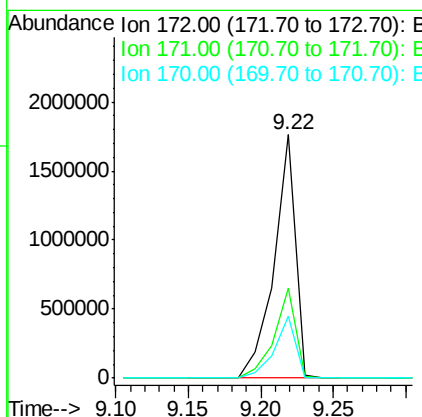
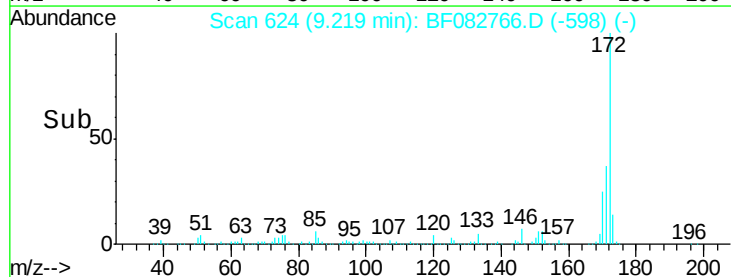
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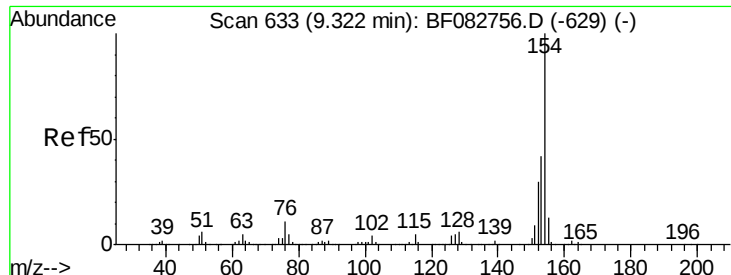


#44
 2-Fluorobiphenyl
 Concen: 80.05 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1808298		
171	36.8	30.8	46.2	
170	25.3	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 34.28 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

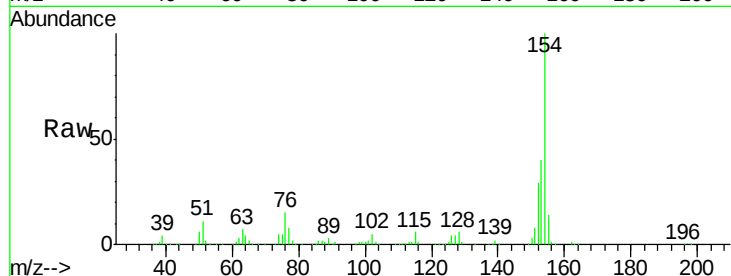
ClientSampleId :

PB86426BS

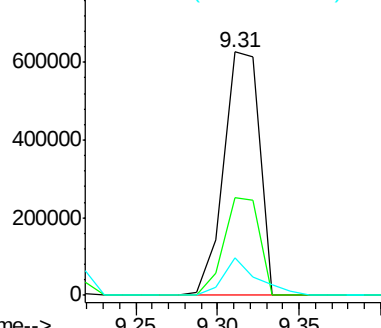
Tot Ion:	154	Resp:	952317
Ion Ratio		Lower	Upper
154	100		
153	40.1	22.0	62.0
76	15.2	0.0	29.0

Manual Integrations
APPROVED

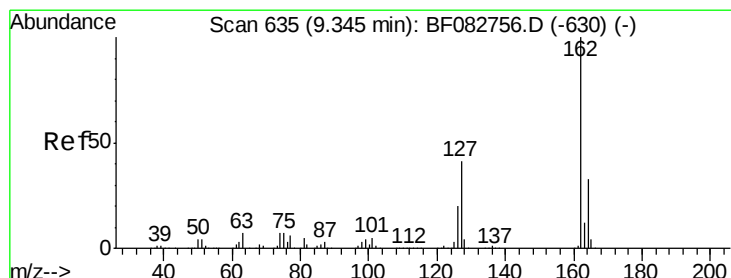
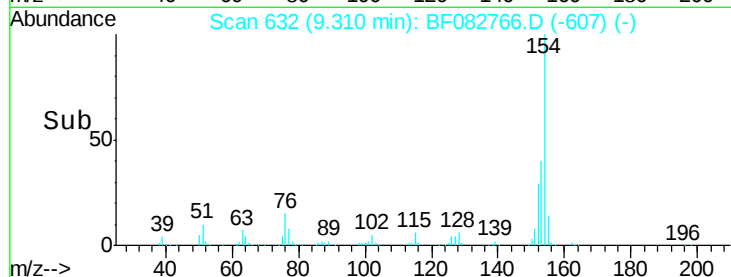
Mmdadoda
11/9/2015 2:10:24 PM



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



Time-->



#46

2-Chloronaphthalene

Concen: 36.66 ng

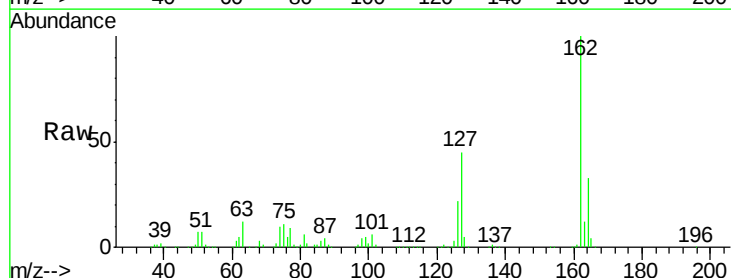
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

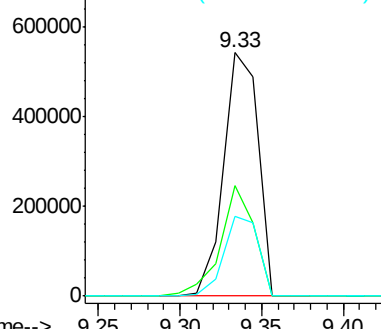
Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

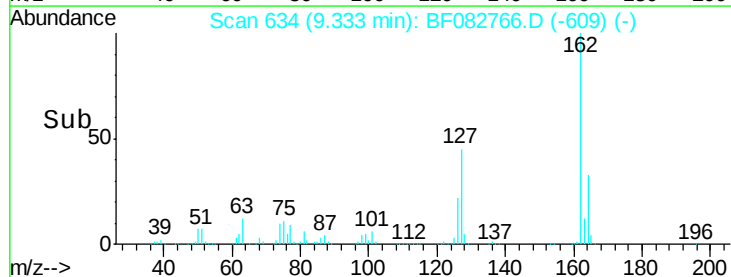
Tgt Ion:	162	Resp:	794309
Ion Ratio		Lower	Upper
162	100		
127	45.4	32.7	49.1
164	32.7	27.4	41.0

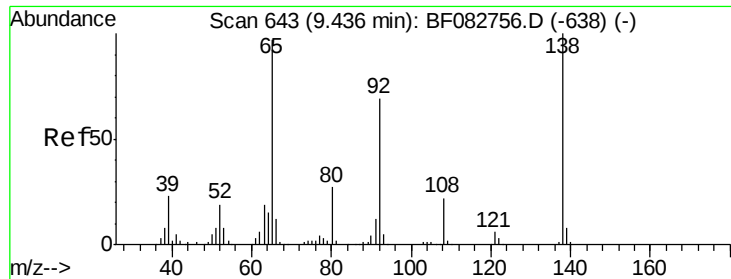


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





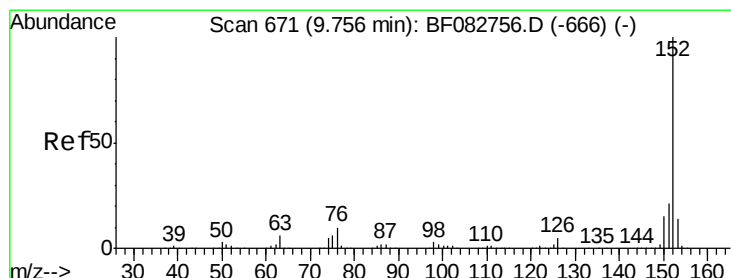
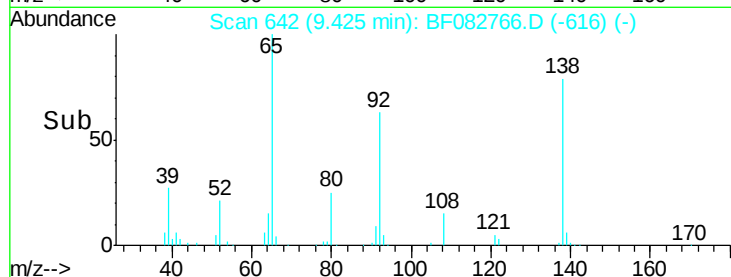
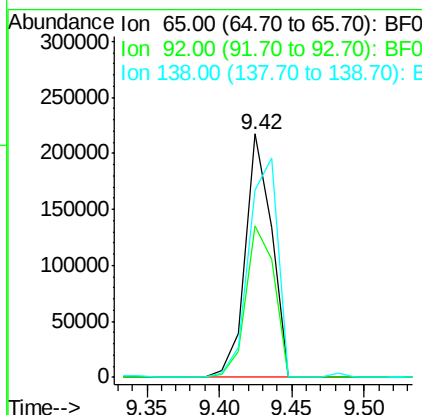
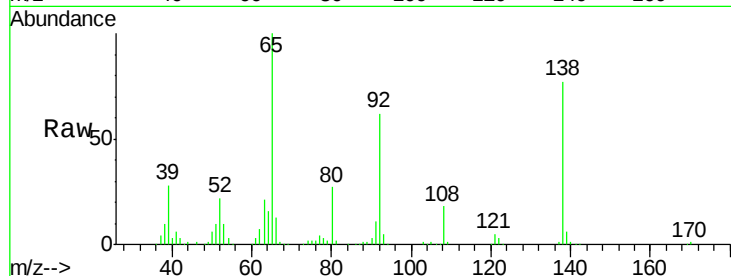
#47
2-Nitroaniline
Concen: 33.87 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272249		
92	62.1	46.6	70.0	
138	77.2	54.6	81.8	

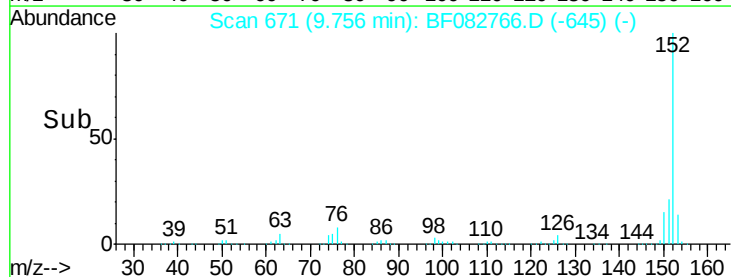
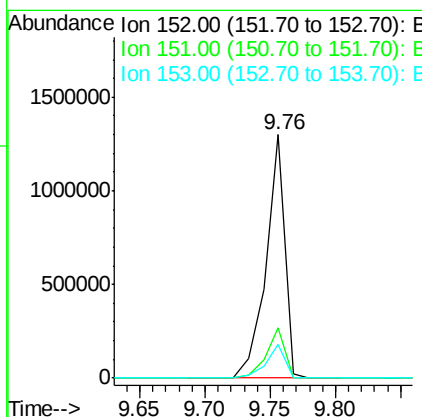
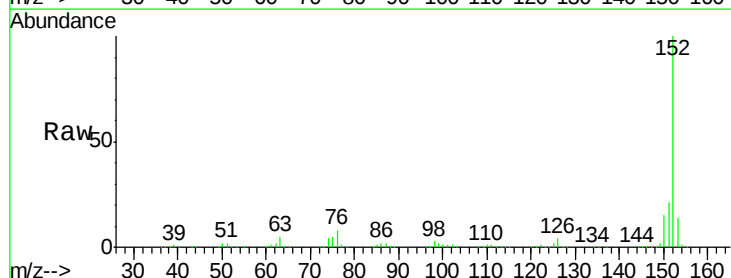
Manual Integrations
APPROVED

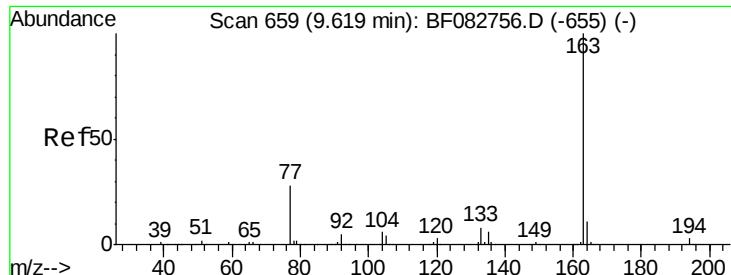
Mmdadoda
11/9/2015 2:10:24 PM



#48
Acenaphthylene
Concen: 38.50 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1307466		
151	20.6	17.3	25.9	
153	13.7	11.3	16.9	





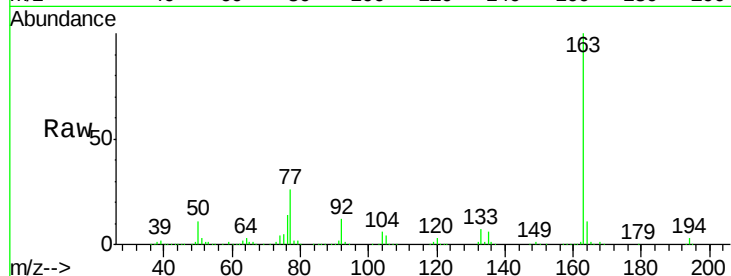
#49
Dimethylphthalate
Concen: 35.10 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

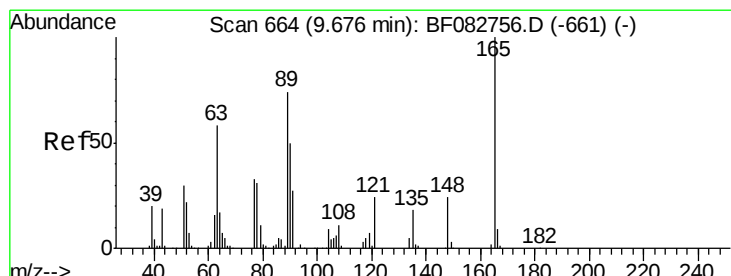
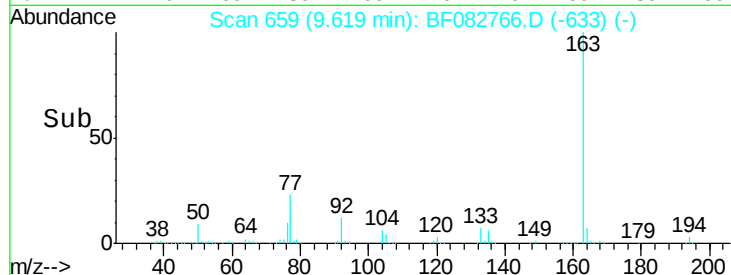
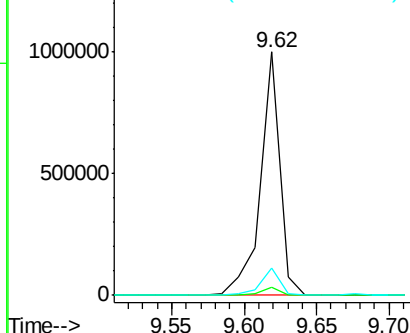
Tot Ion	Ratio	Resp	Lower	Upper
163	100	931140		
194	3.4	2.6	4.0	
164	11.0	8.7	13.1	

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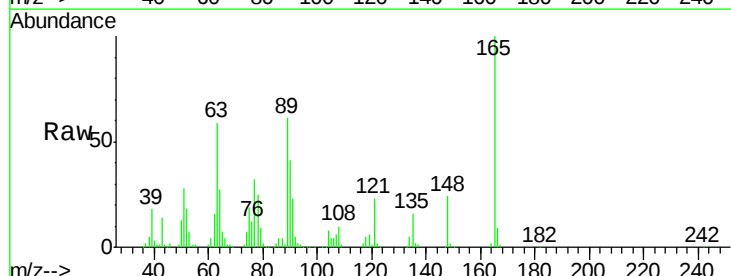


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

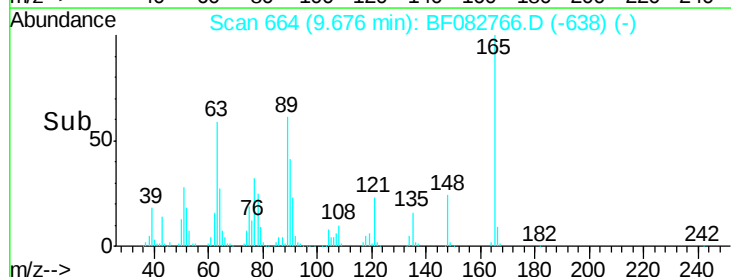
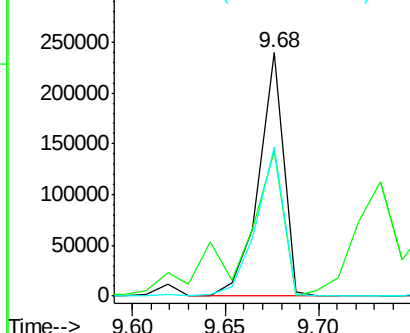


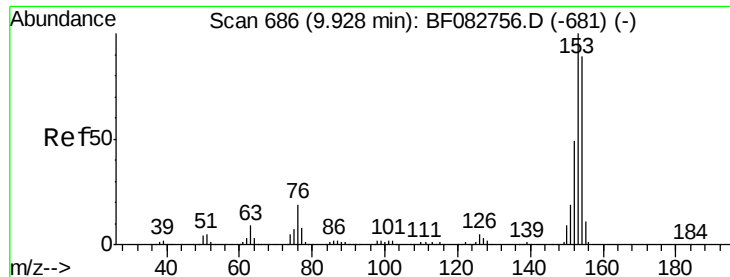
#50
2,6-Dinitrotoluene
Concen: 39.25 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222147		
63	59.4	55.5	83.3	
89	61.1	55.0	82.6	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.36 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

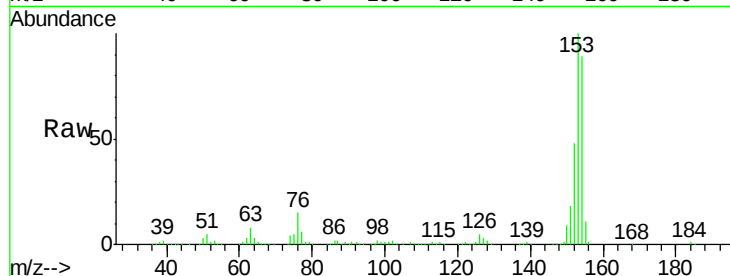
ClientSampleId :

PB86426BS

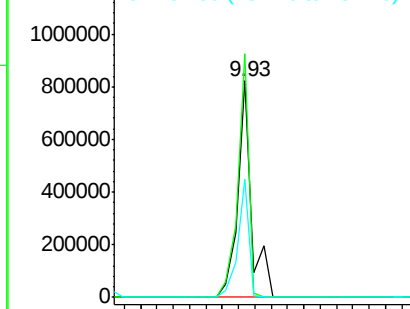
Tot Ion:	154	Resp:	976358
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	54.4	44.3	66.5

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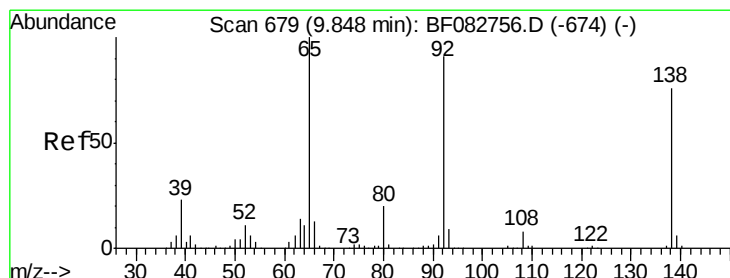
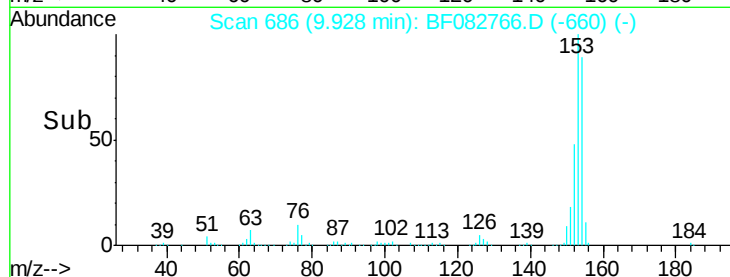
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 17.07 ng

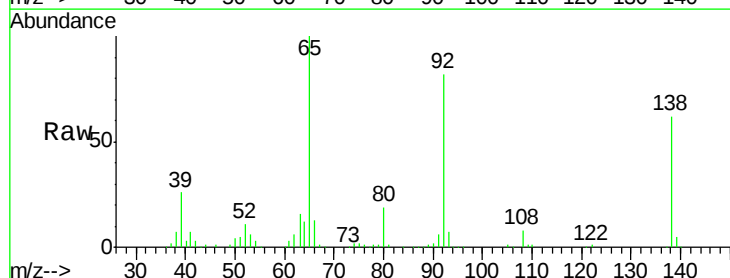
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

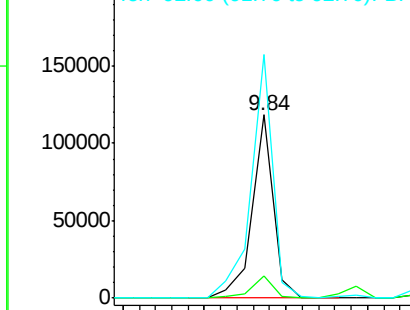
Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

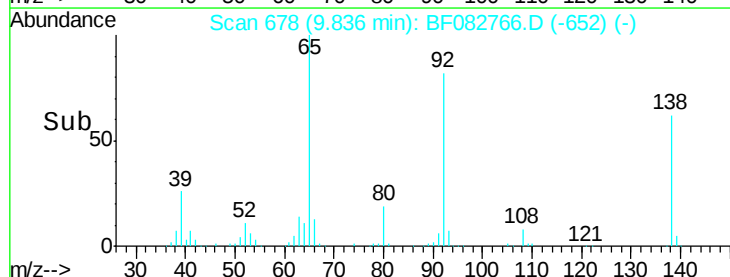
Tgt Ion:	138	Resp:	106273
Ion Ratio	Lower	Upper	
138	100		
108	12.2	11.3	16.9
92	132.8	122.4	183.6

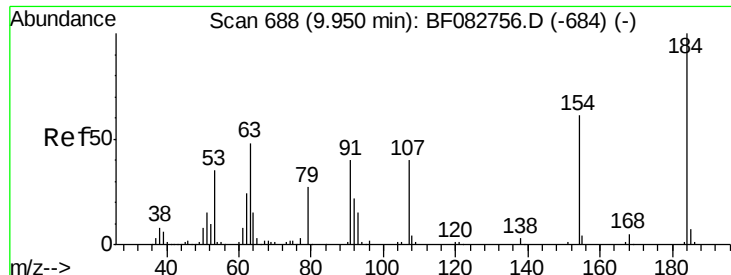


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Time-->





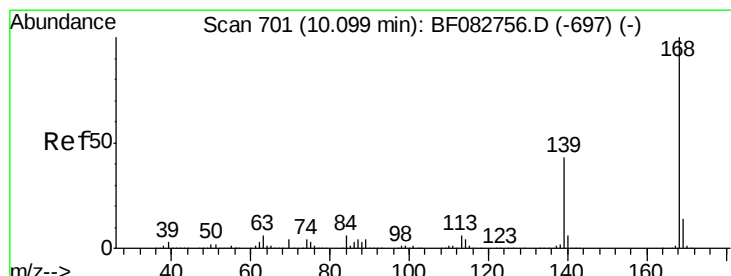
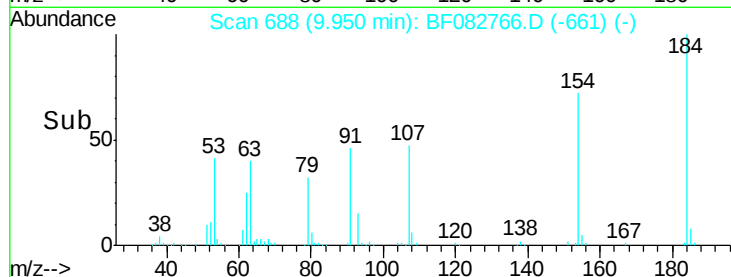
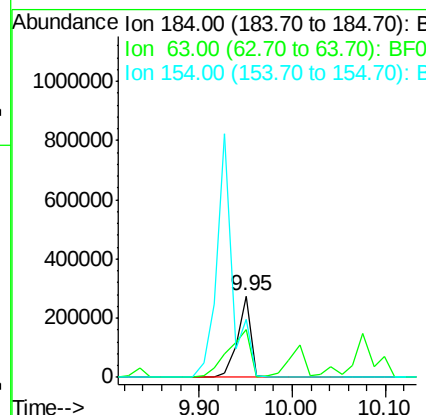
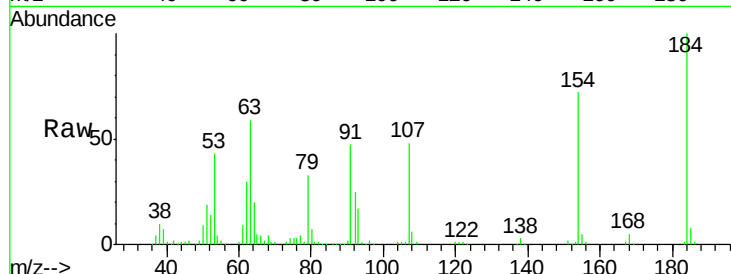
#53
 2,4-Dinitrophenol
 Concen: 90.12 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	280038		
63	59.2	98.6	148.0#	
154	71.5	183.9	275.9#	

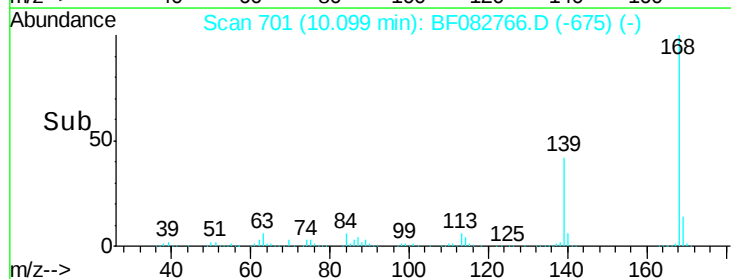
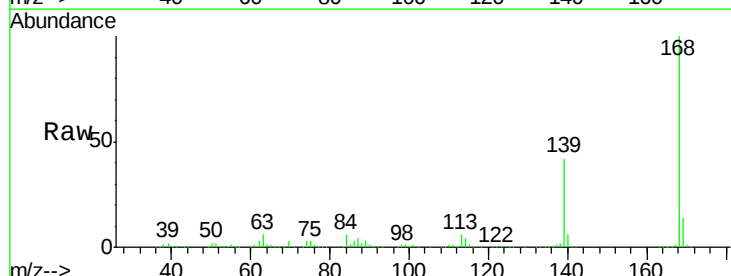
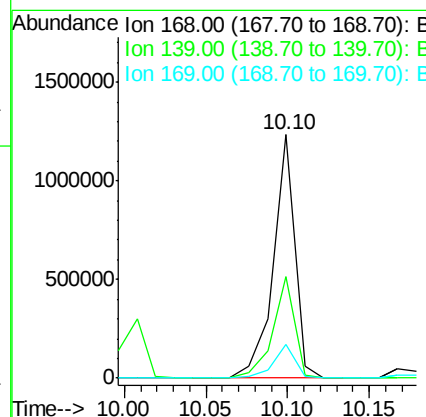
Manual Integrations
 APPROVED

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 11/9/2015 2:10:24 PM



#54
 Dibenzofuran
 Concen: 39.05 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1133289		
139	41.8	37.8	56.6	
169	13.8	11.3	16.9	





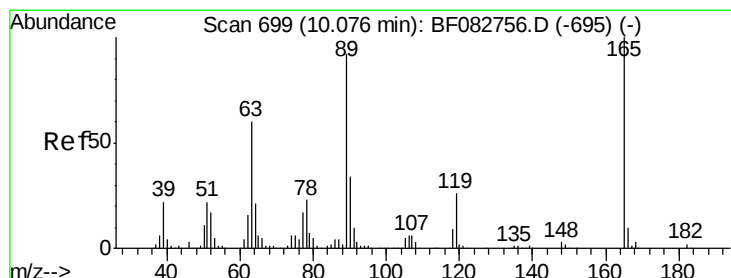
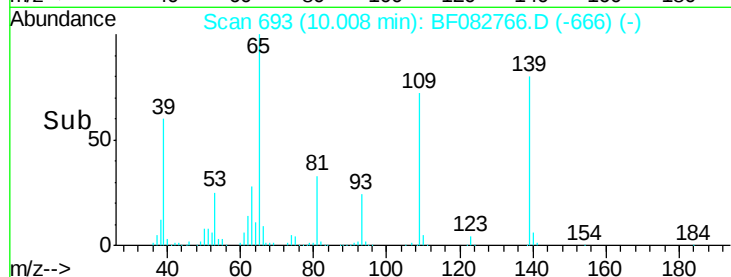
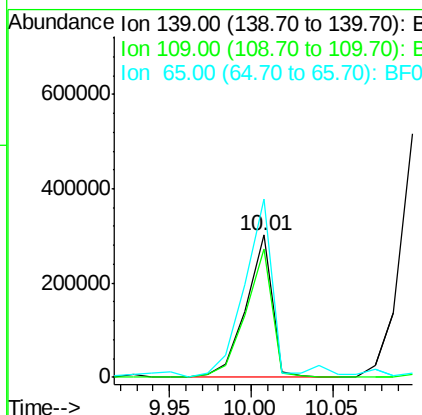
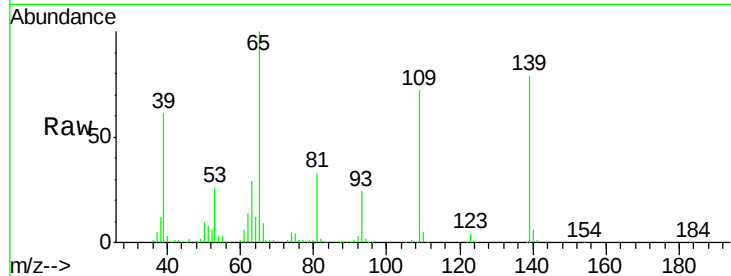
#55
4-Nitrophenol
Concen: 70.82 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.5	73.7	113.7	
65	125.8	82.9	122.9	

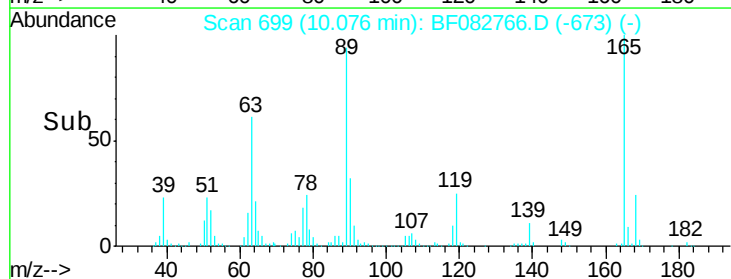
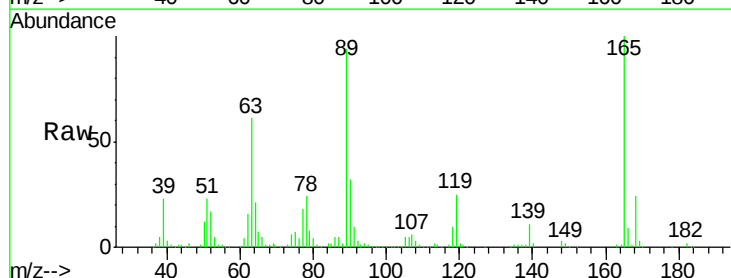
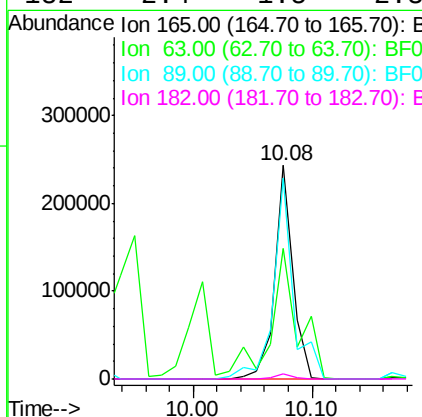
Manual Integrations
APPROVED

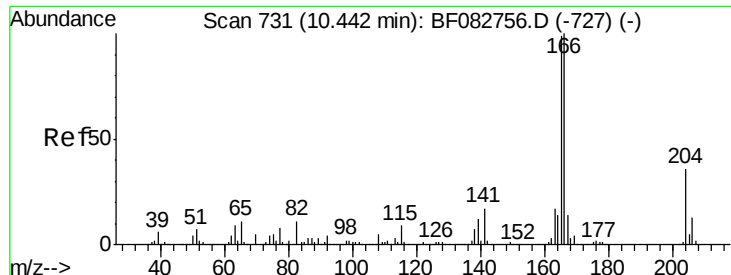
Mmdadoda
11/9/2015 2:10:24 PM



#56
2,4-Dinitrotoluene
Concen: 33.70 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.3	43.4	65.0	
89	93.9	70.6	106.0	
182	2.4	1.5	2.3	





#57

Fluorene

Concen: 40.14 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

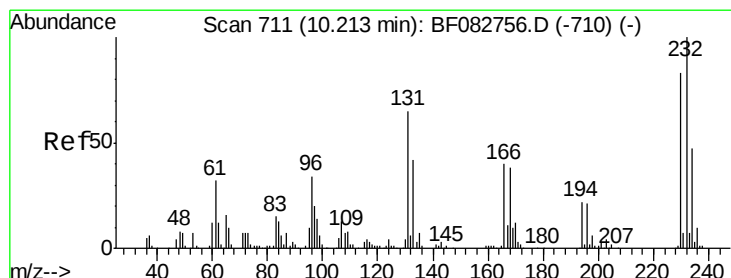
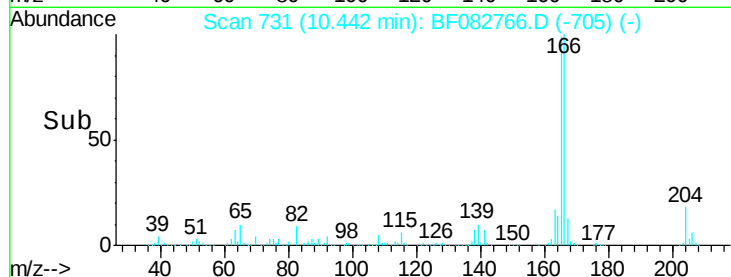
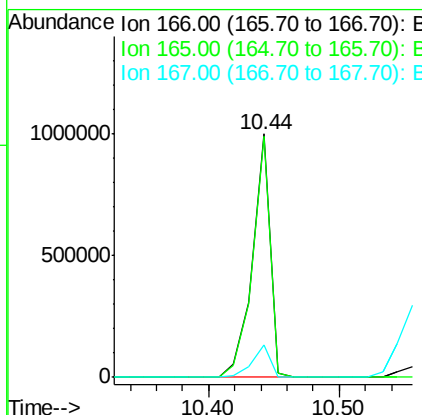
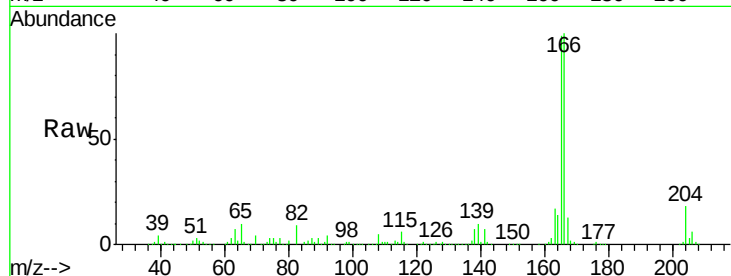
ClientSampleId :

PB86426BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		943355		
165	99.1	80.2	120.4		
167	13.5	11.2	16.8		

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:24 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.64 ng

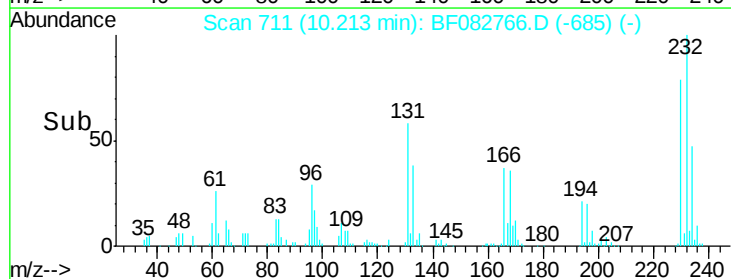
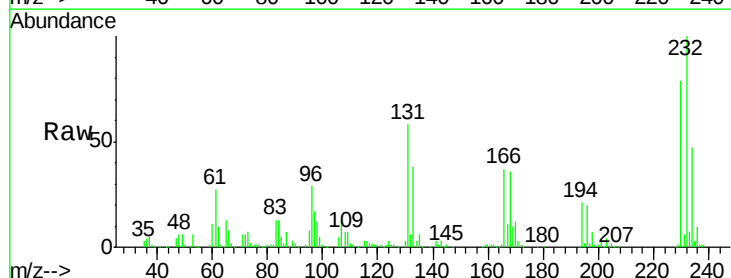
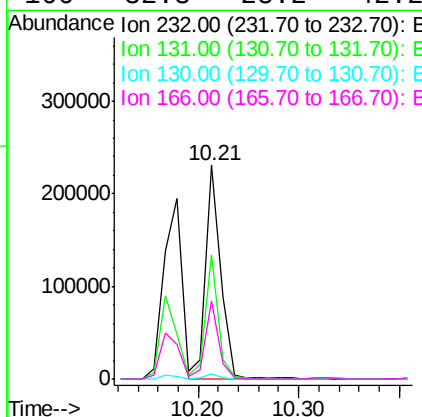
RT: 10.21 min Scan# 711

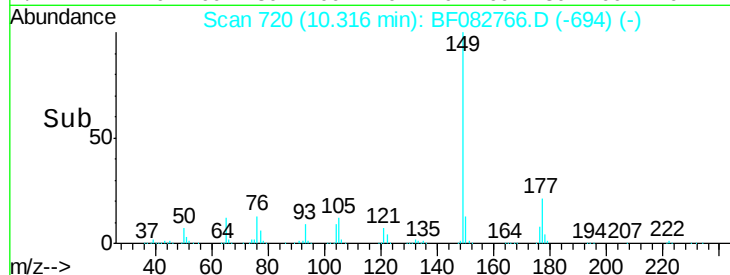
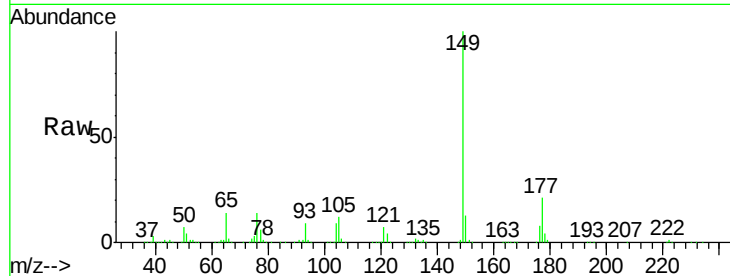
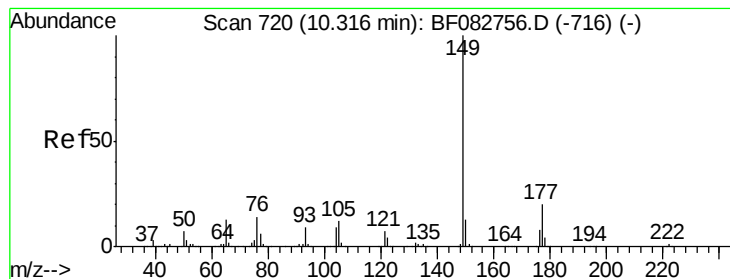
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		241288		
131	50.0	46.2	69.2		
130	2.3	2.4	3.6		
166	32.3	28.2	42.2		





#59

Diethylphthalate

Concen: 36.59 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tot Ion:	149	Resp:	947718
Ion Ratio		Lower	Upper
149	100		
177	20.5	17.9	26.9
150	13.2	10.1	15.1

Instrument :

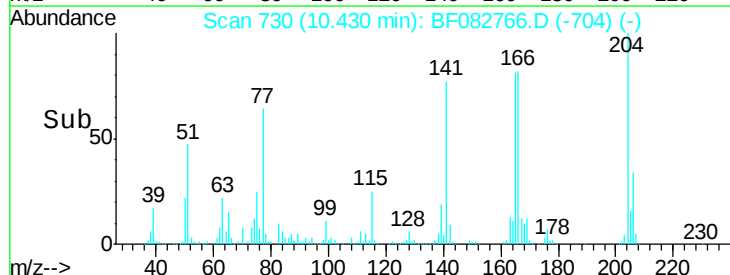
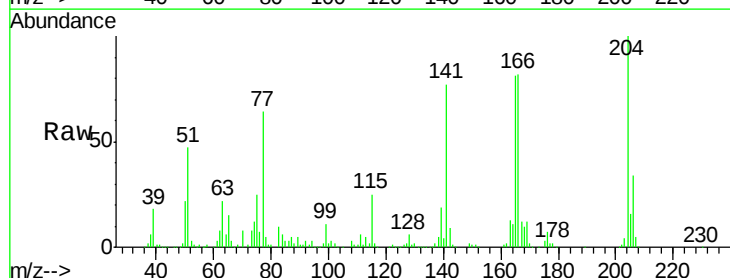
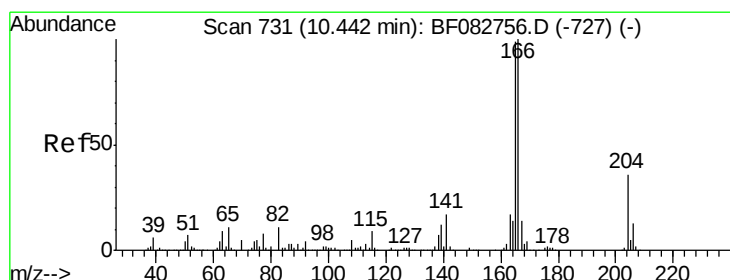
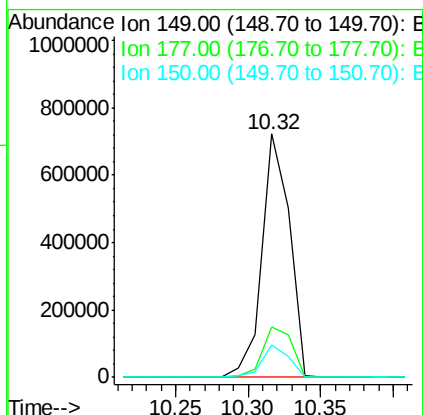
BNA_F

ClientSampleId :

PB86426BS

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#60

4-Chlorophenyl-phenylether

Concen: 34.27 ng

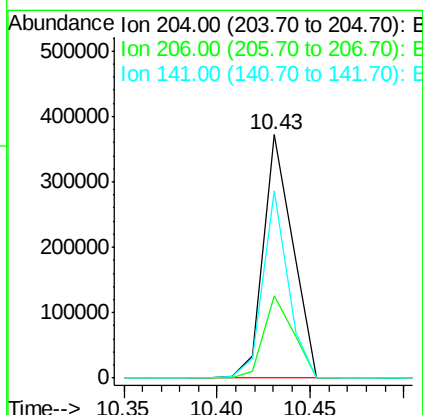
RT: 10.43 min Scan# 730

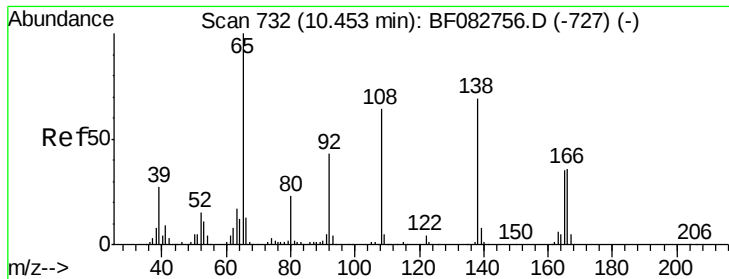
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	204	Resp:	402970
Ion Ratio		Lower	Upper
204	100		
206	33.6	28.5	42.7
141	77.2	44.6	66.8#





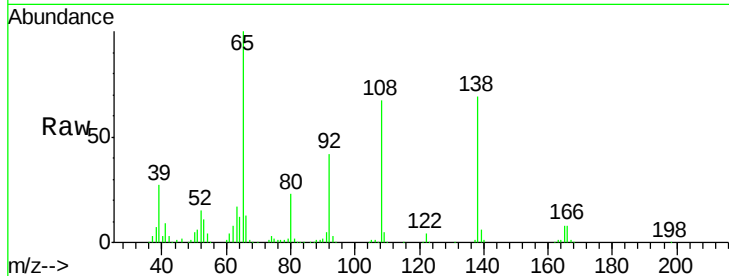
#61
4-Nitroaniline
Concen: 30.01 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

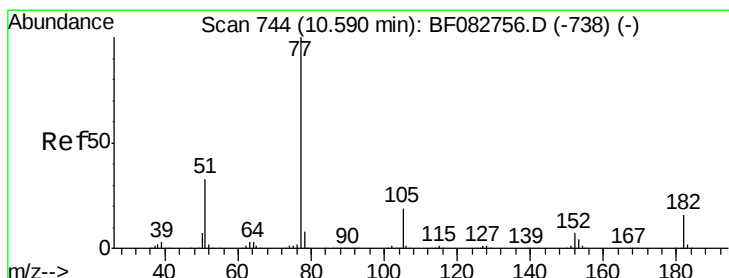
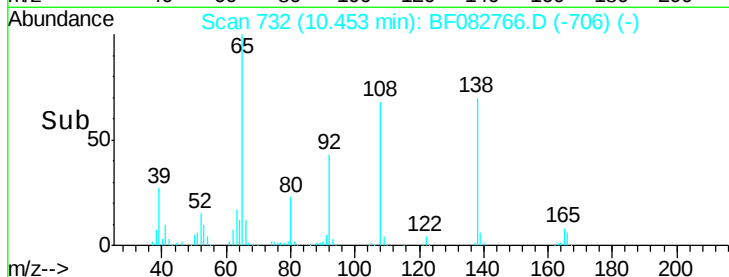
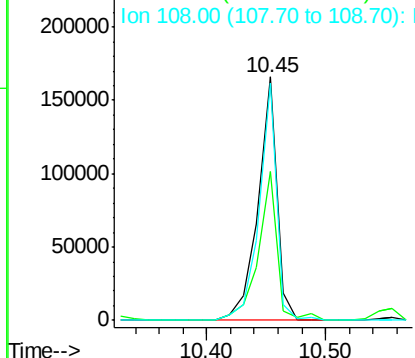
Tot Ion	Ratio	Lower	Upper
138	100		
92	61.2	45.8	85.8
108	97.2	89.4	129.4

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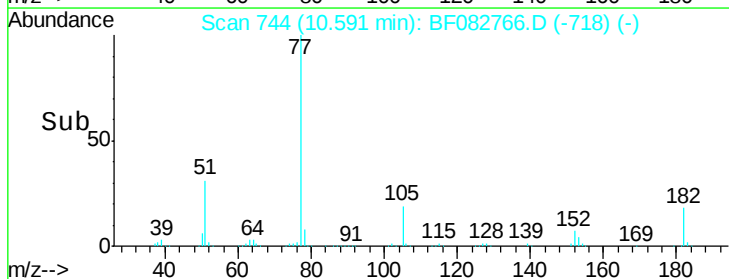
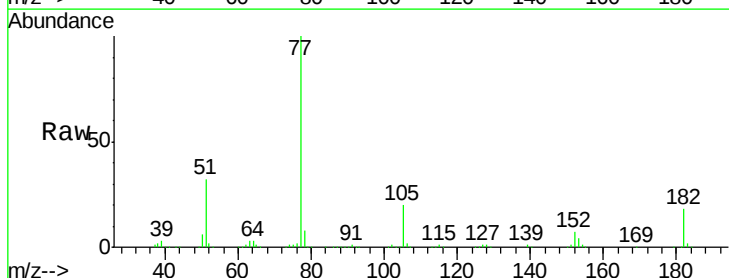
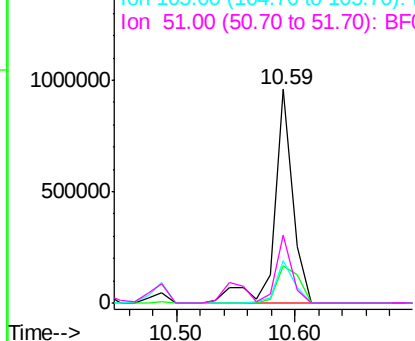
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

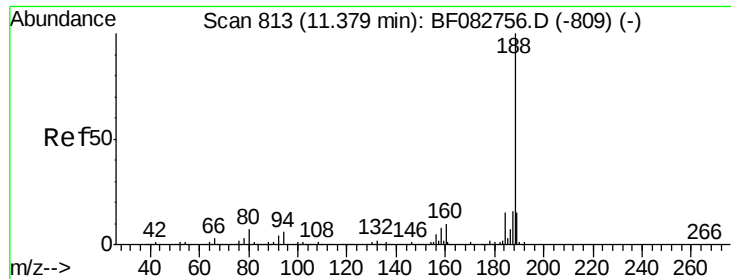


#62
Azobenzene
Concen: 37.04 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	9.3	49.3
105	19.8	2.6	42.6
51	31.6	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





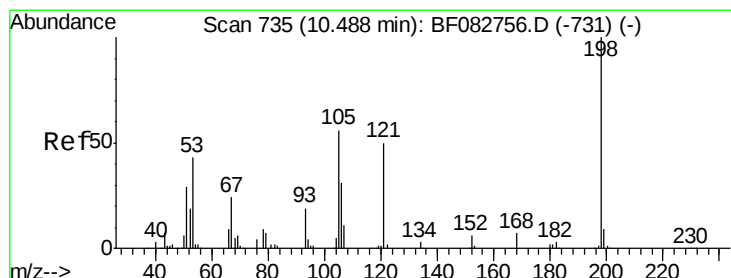
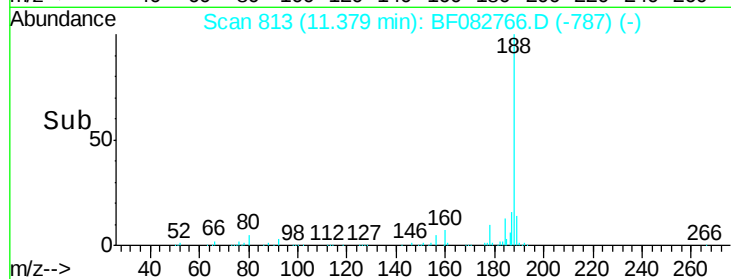
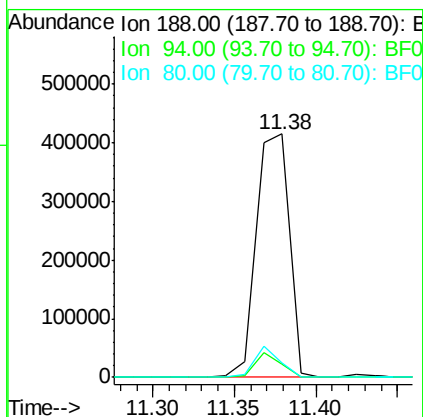
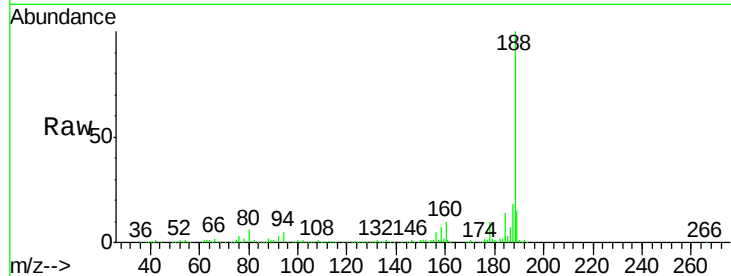
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampled :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	584461		
94	5.4	6.1	9.1#	
80	5.9	7.0	10.6#	

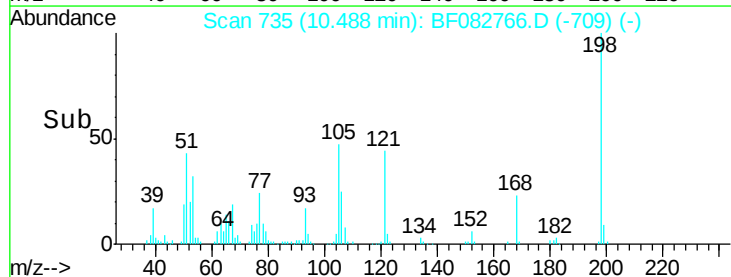
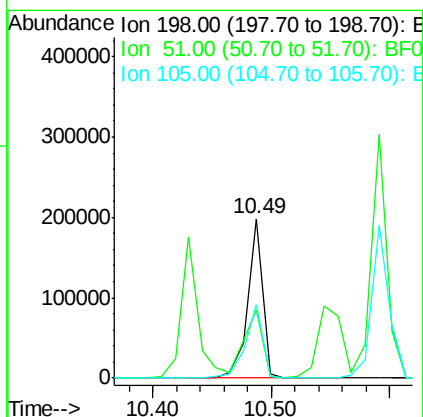
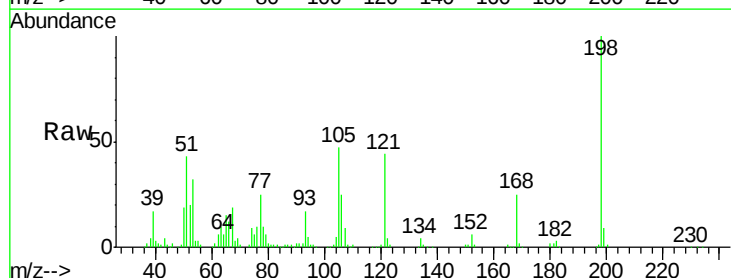
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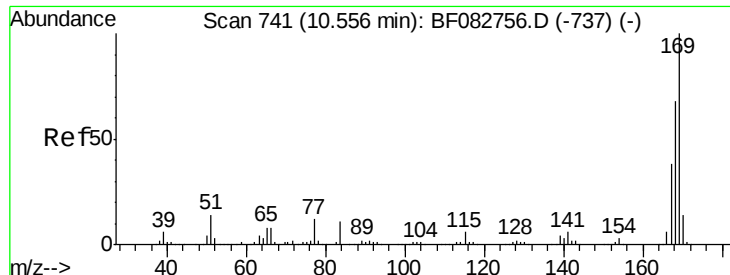
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.28 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176059		
51	42.9	17.3	57.3	
105	46.5	21.7	61.7	





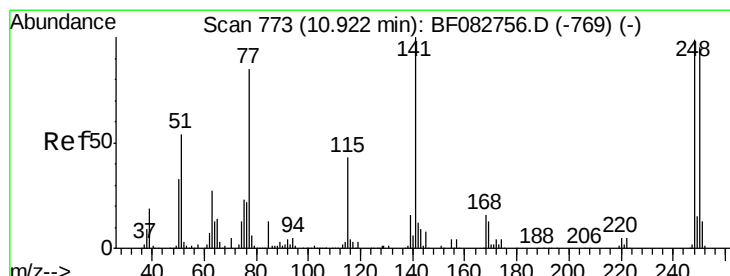
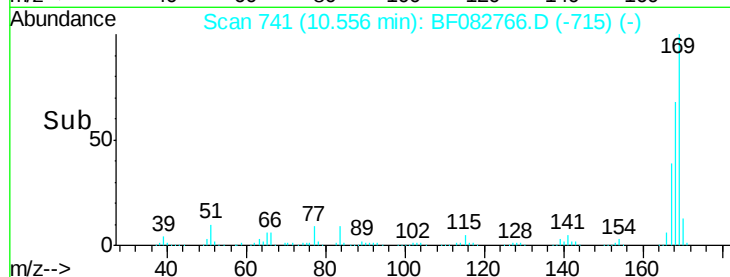
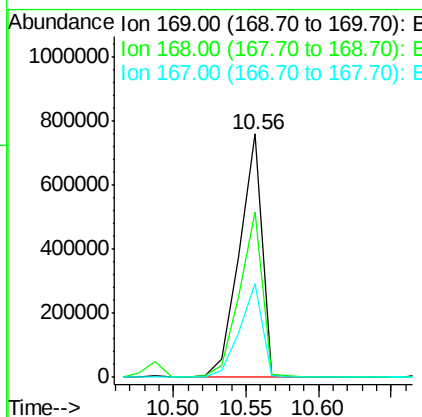
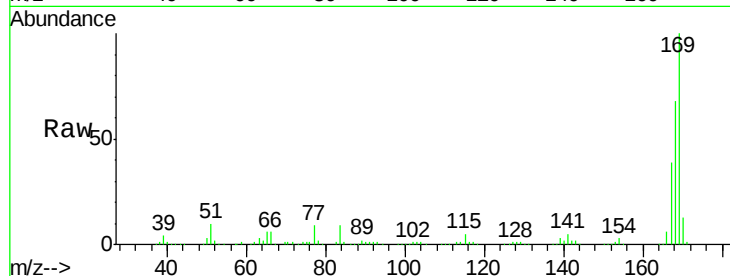
#65
n-Nitrosodiphenylamine
Concen: 39.12 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	826032		
168	68.0		55.0	82.6
167	38.7		30.5	45.7

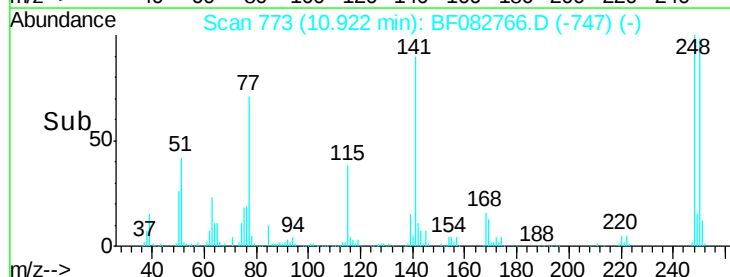
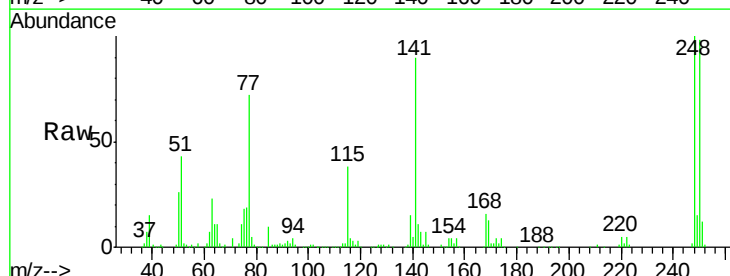
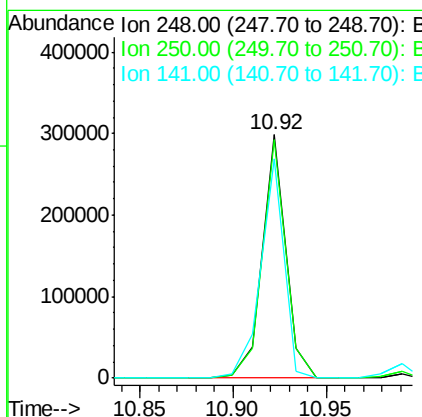
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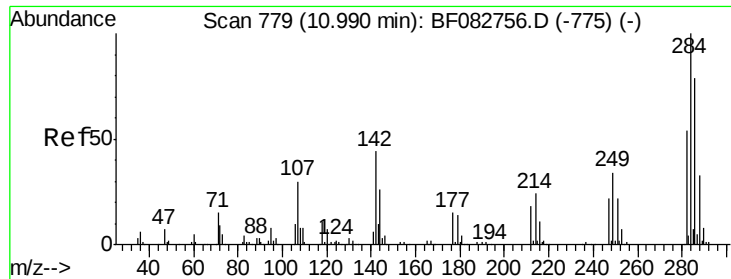
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#66
4-Bromophenyl-phenylether
Concen: 36.75 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	258615		
250	97.9		79.4	119.2
141	90.2		36.3	54.5#





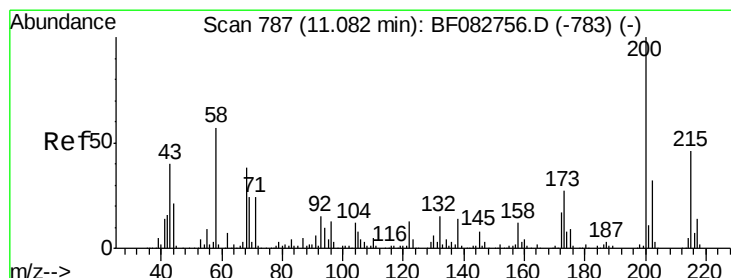
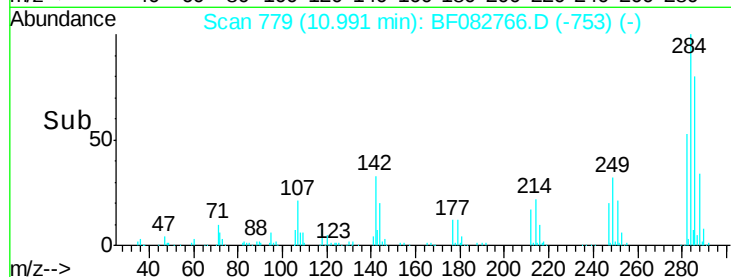
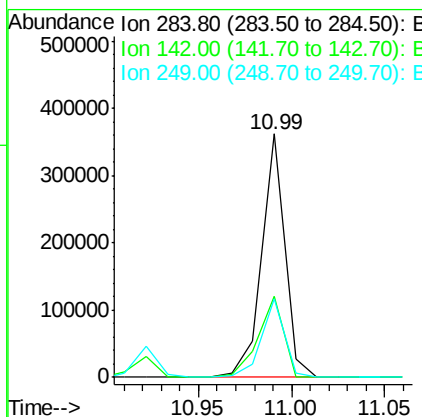
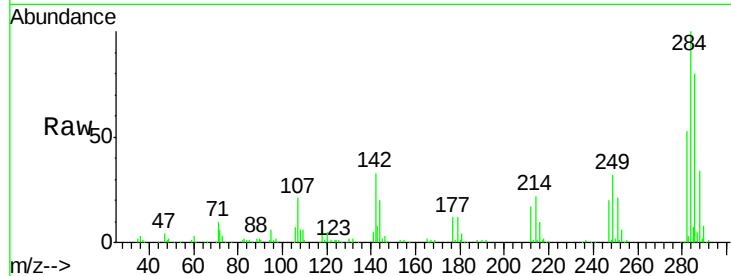
#67
Hexachlorobenzene
Concen: 39.20 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.3	47.9	71.9	
249	32.1	29.7	44.5	

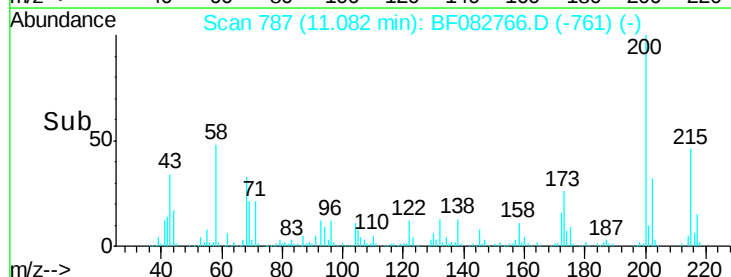
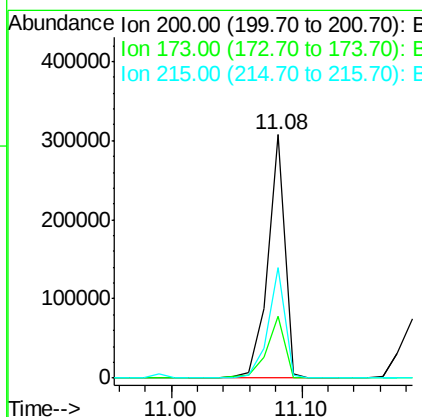
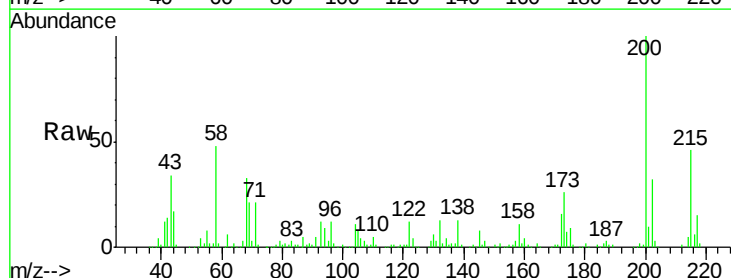
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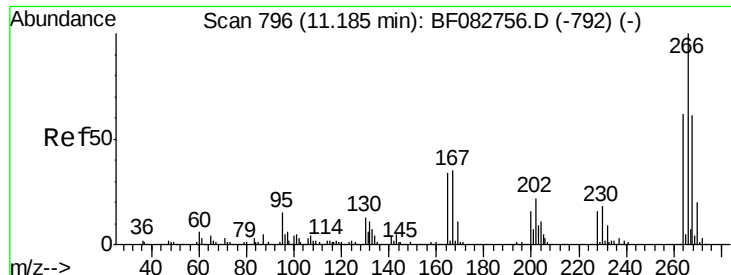
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#68
Atrazine
Concen: 43.36 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.6	6.9	46.9	
215	45.6	22.9	62.9	





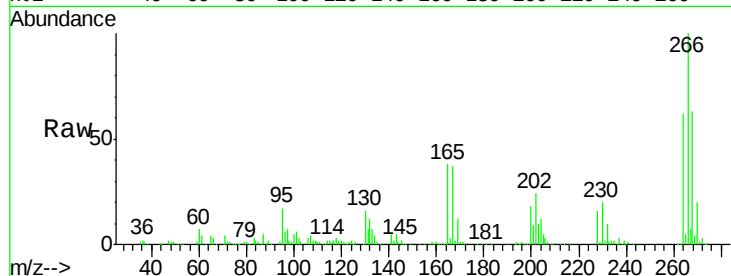
#69
 Pentachlorophenol
 Concen: 84.81 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

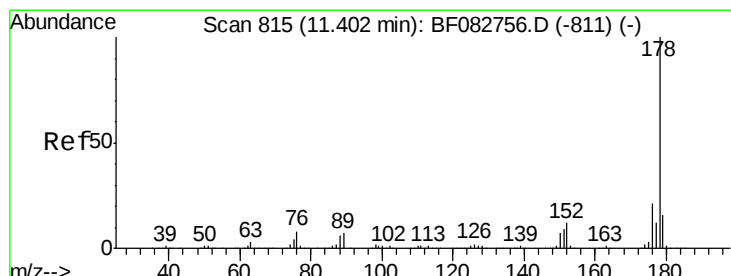
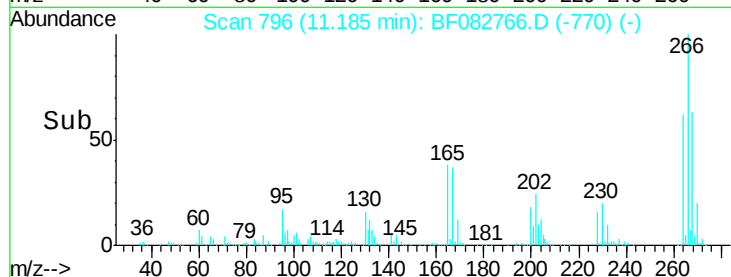
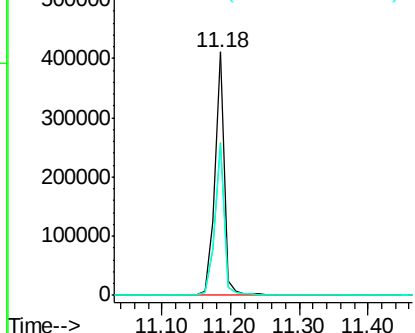
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.0	76.6
264	62.4	50.6	75.8

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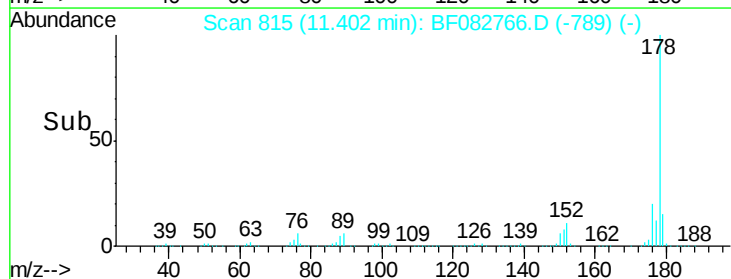
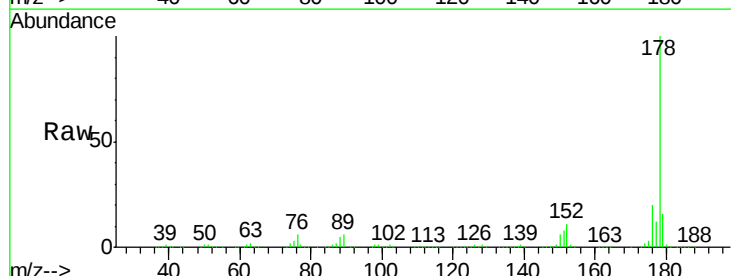
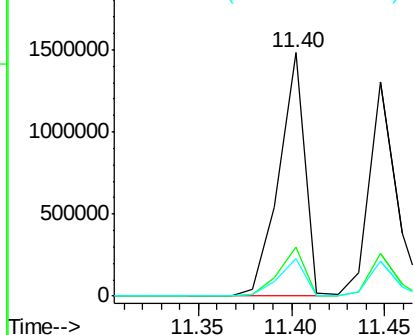
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

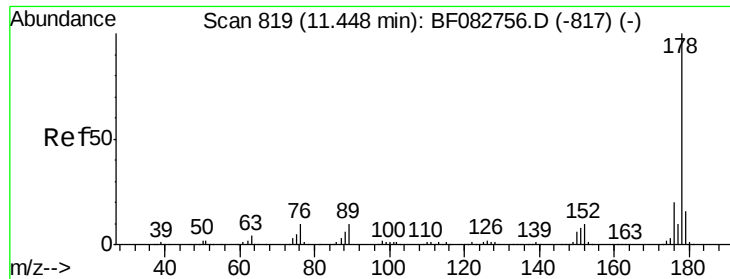


#70
 Phenanthrene
 Concen: 42.50 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.0	25.4
179	15.5	13.4	20.0

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: 35.23 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

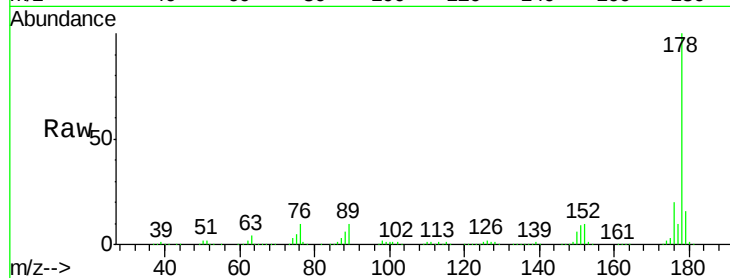
Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion:178 Resp: 1259620

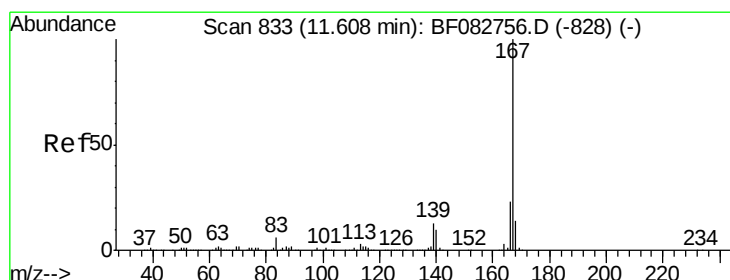
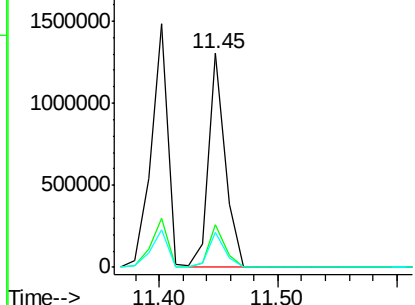
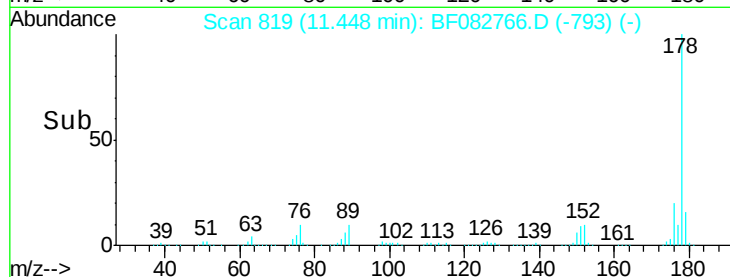
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	16.4	13.2	19.8

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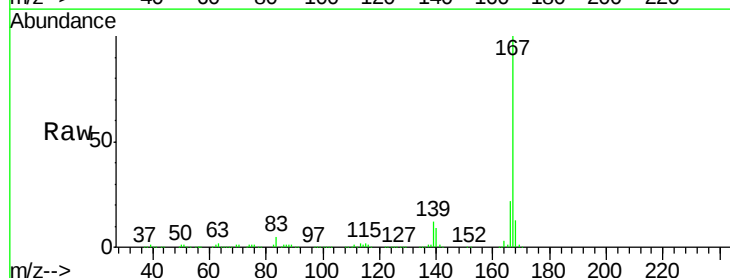
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



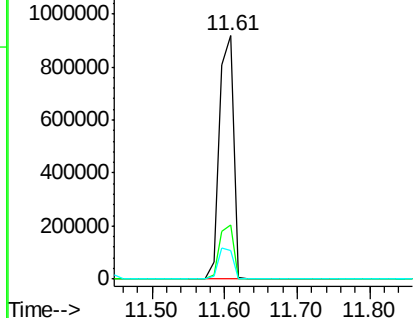
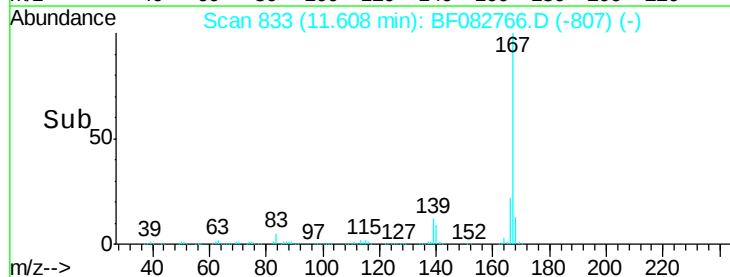
#72
 Carbazole
 Concen: 39.53 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

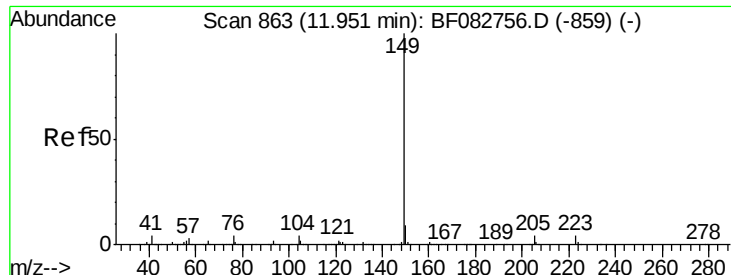
Tgt Ion:167 Resp: 1236996

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.7	28.1
139	11.8	11.8	17.6



Abundance Ion 167.00 (166.70 to 167.70): E
 1200000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.19 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

PB86426BS

Tot Ion:149 Resp: 1411012

Ion Ratio Lower Upper

149 100

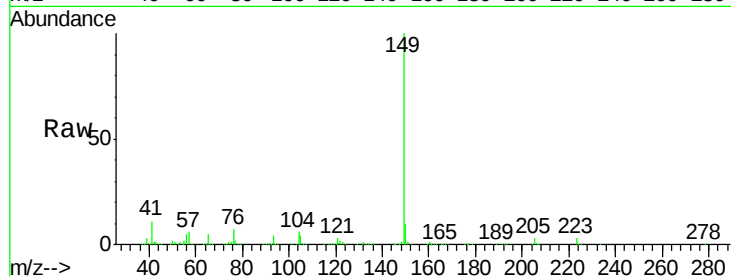
150 10.0 8.1 12.1

104 6.1 5.2 7.8

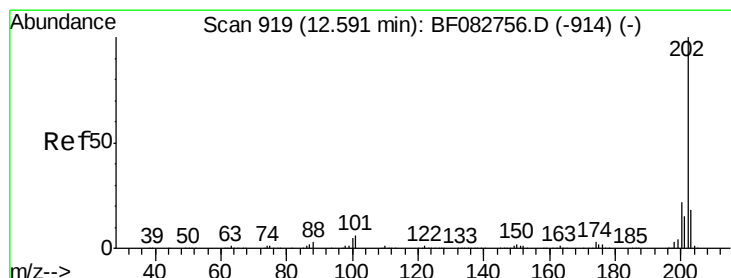
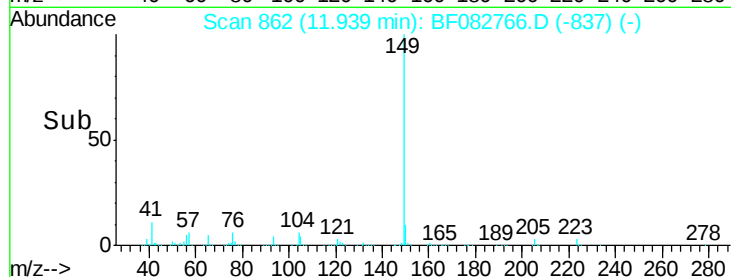
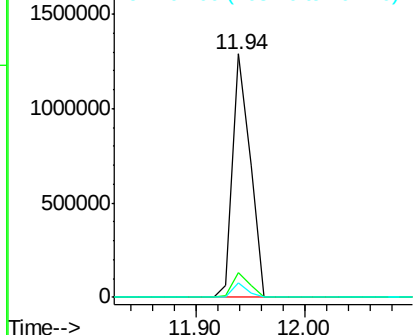
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.15 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

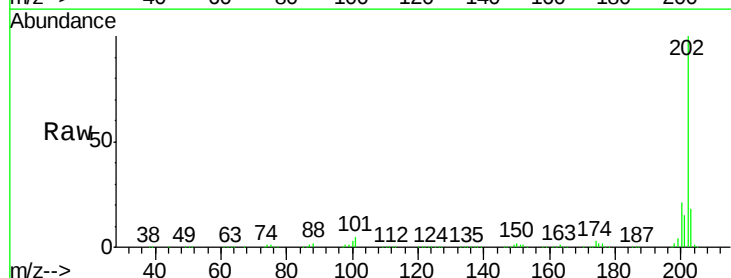
Tgt Ion:202 Resp: 1425824

Ion Ratio Lower Upper

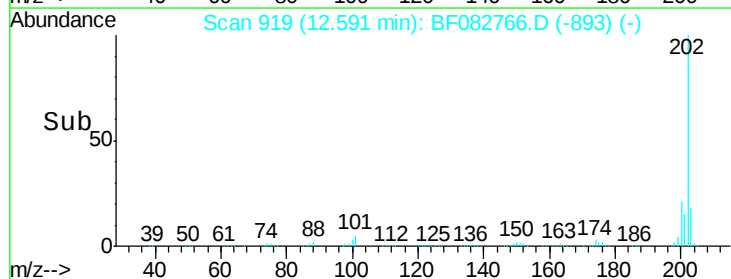
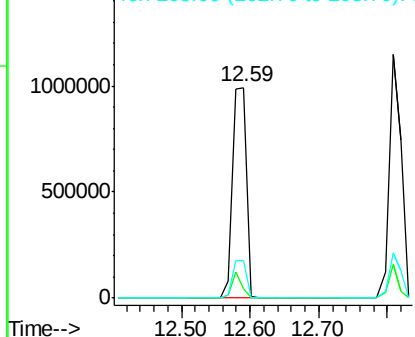
202 100

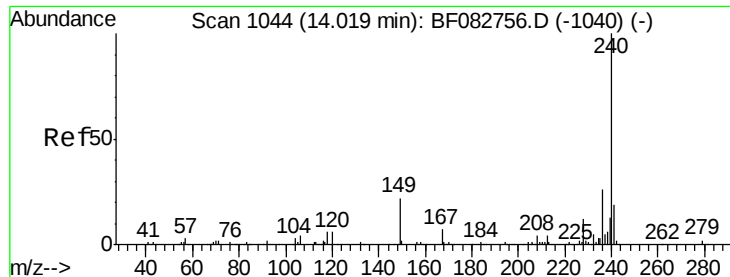
101 4.7 0.0 30.5

203 17.6 0.0 38.5



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

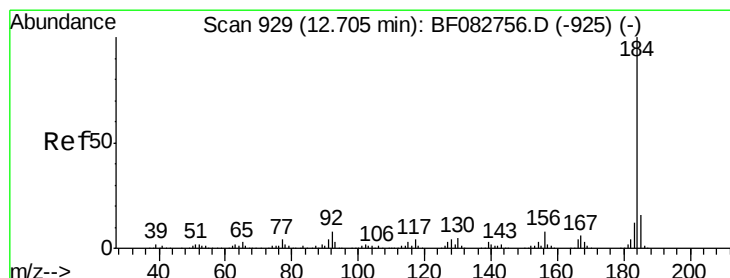
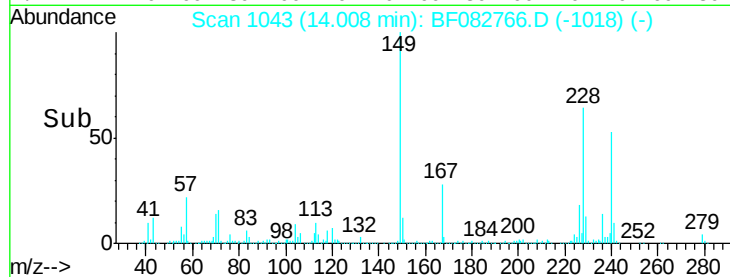
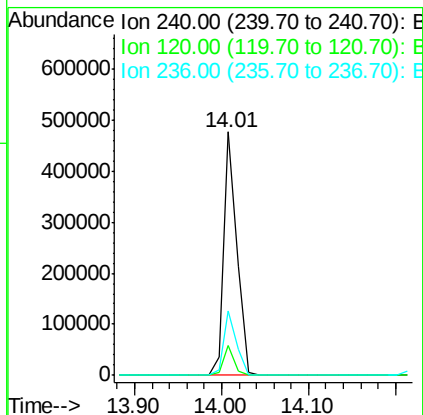
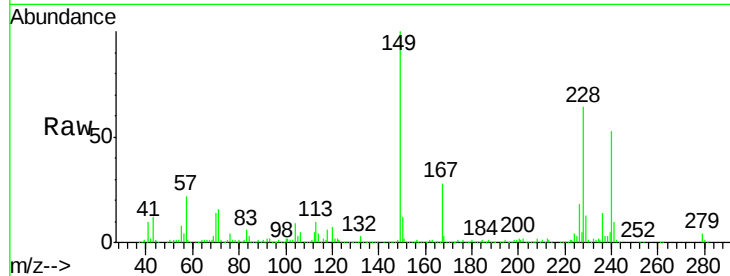
ClientSampleId :

PB86426BS

Tot Ion:	240	Resp:	506612
Ion Ratio		Lower	Upper
240	100		
120	12.3	10.9	16.3
236	26.2	21.6	32.4

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#76

Benzidine

Concen: 25.25 ng

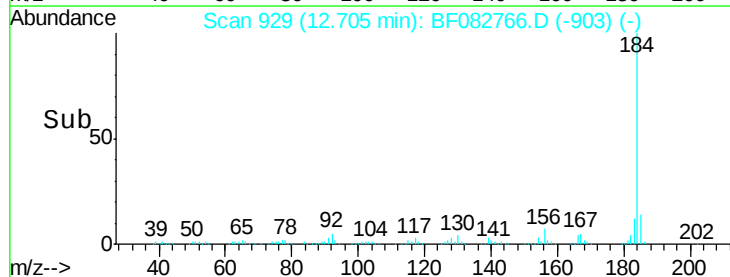
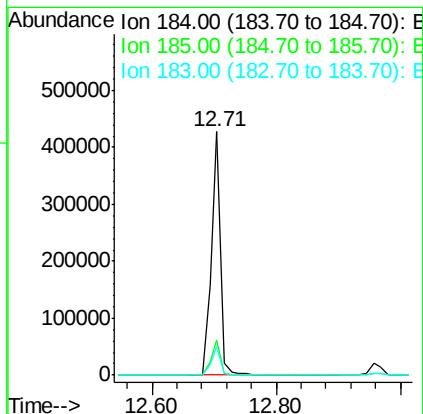
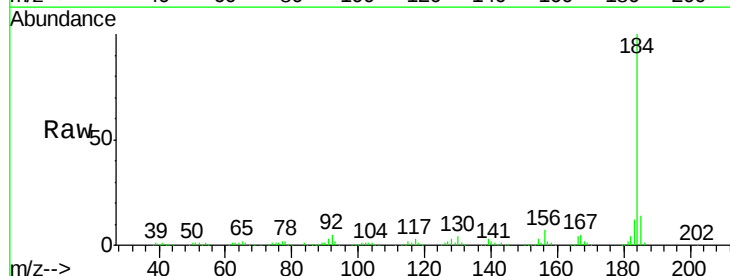
RT: 12.71 min Scan# 929

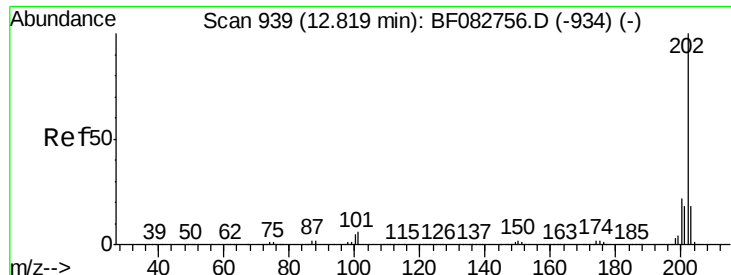
Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	184	Resp:	428768
Ion Ratio		Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.9	9.6	14.4





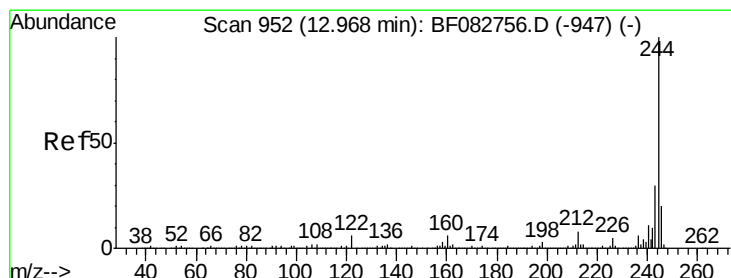
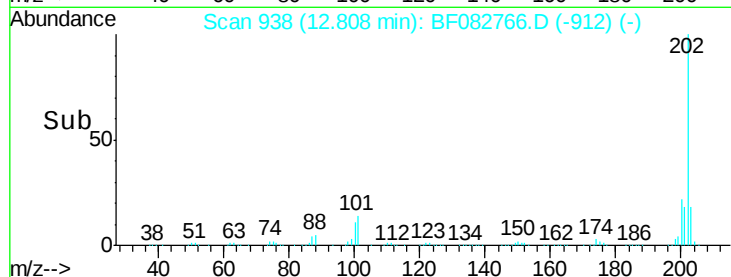
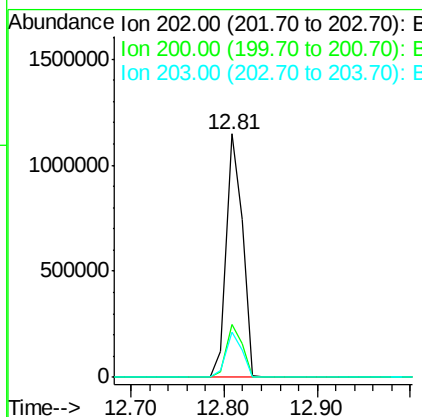
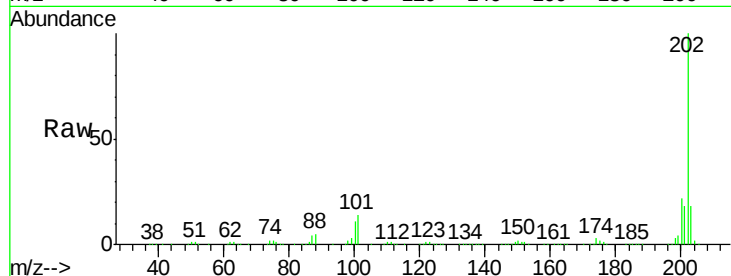
#77
Pvrene
Concen: 39.95 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.7	28.1
203	18.4	14.8	22.2

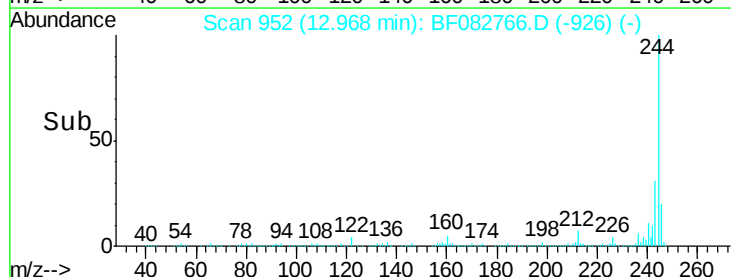
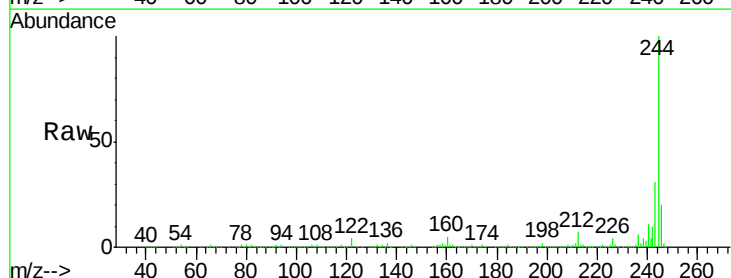
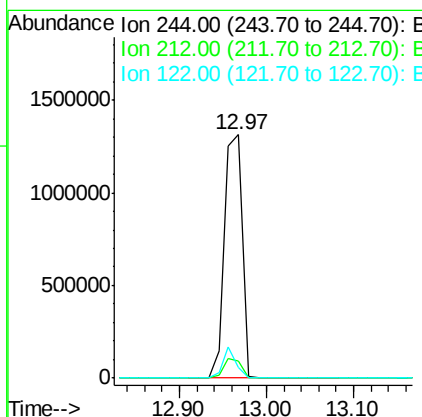
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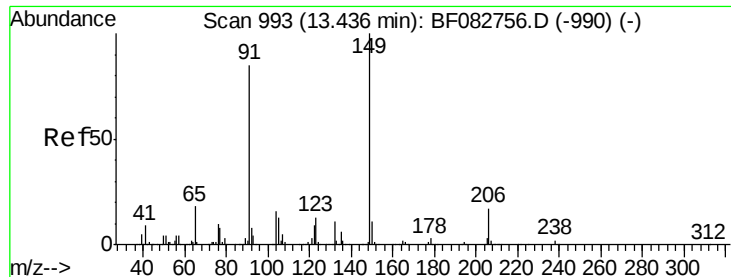
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#78
Terphenyl-d14
Concen: 87.72 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.6	11.4#
122	4.1	11.3	16.9#





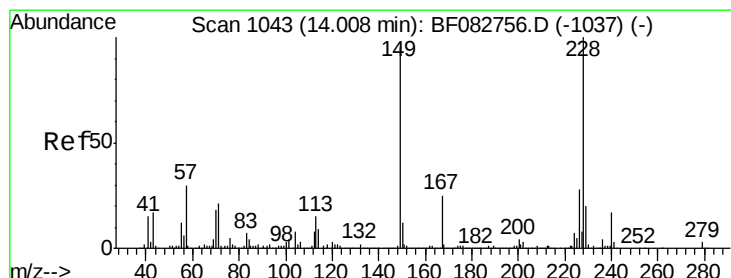
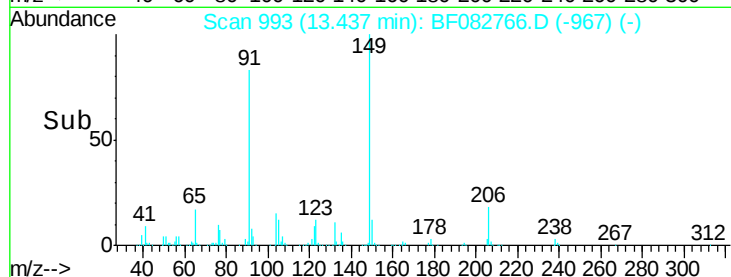
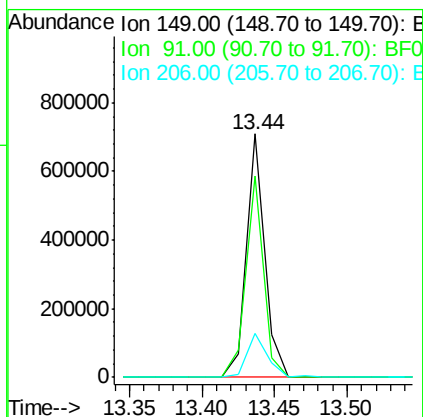
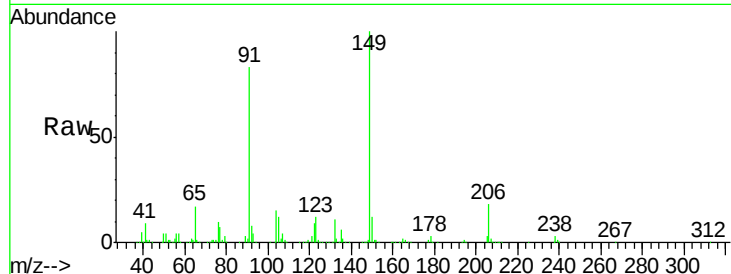
#79
Butylbenzylphthalate
Concen: 40.32 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.9	67.7	101.5
206	18.1	14.6	22.0

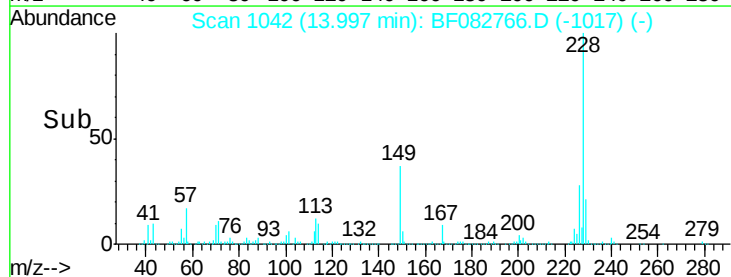
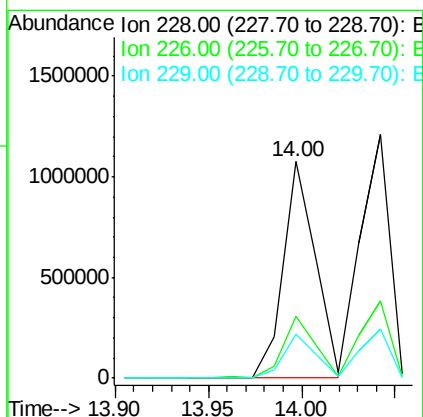
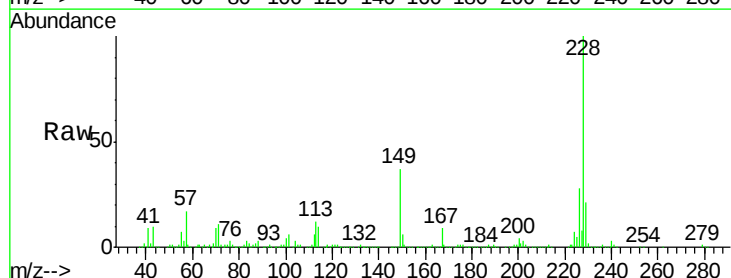
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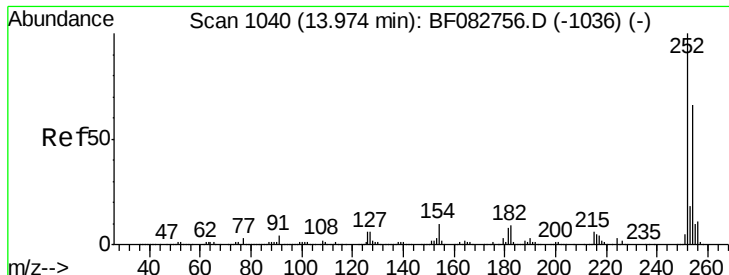
Mmdadoda
11/9/2015 2:10:24 PM



#80
Benzo(a)anthracene
Concen: 41.01 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	20.5	16.3	24.5





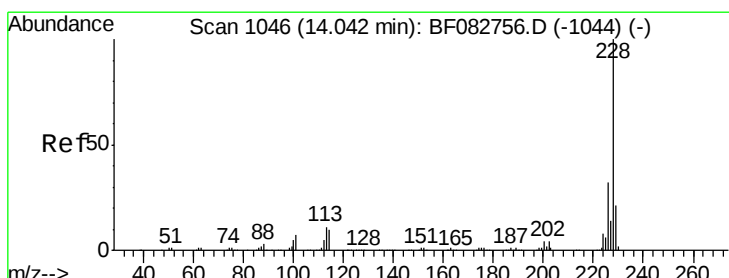
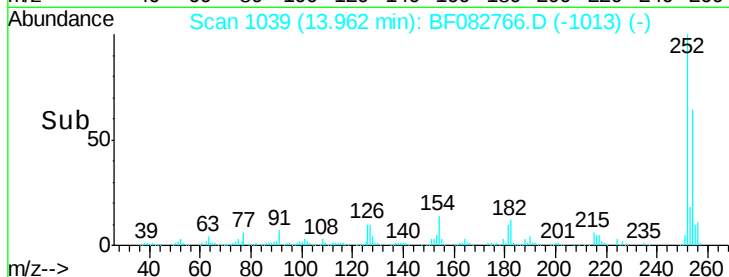
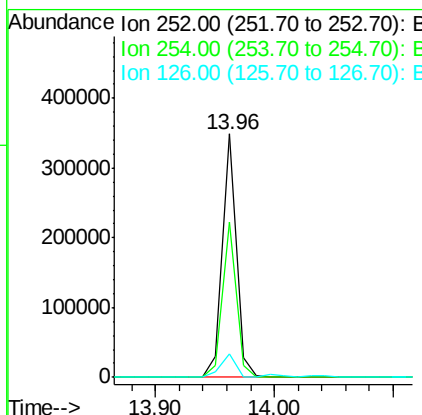
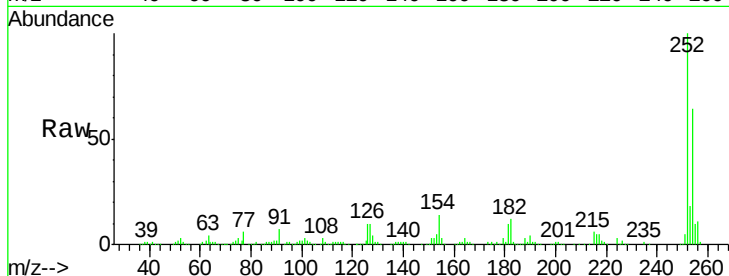
#81
 3,3'-Dichlorobenzidine
 Concen: 25.05 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	51.4	77.0
126	9.5	10.7	16.1#

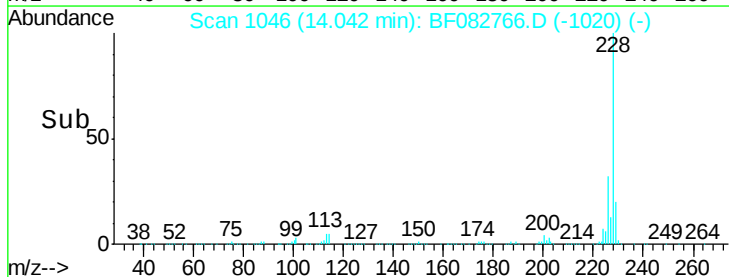
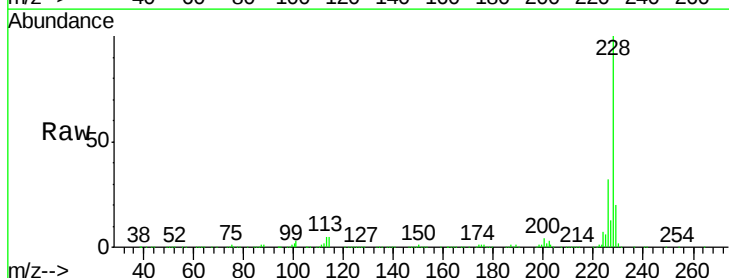
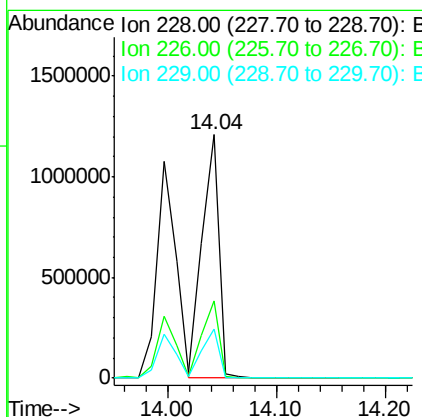
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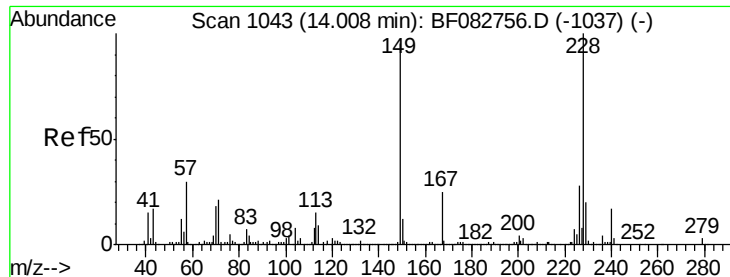
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#82
 Chrysene
 Concen: 45.25 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.25 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

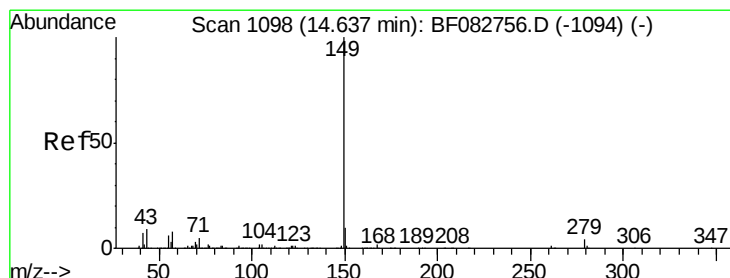
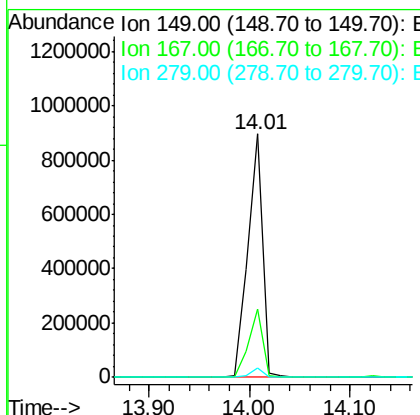
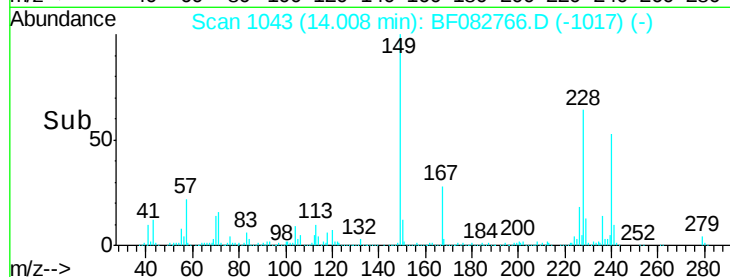
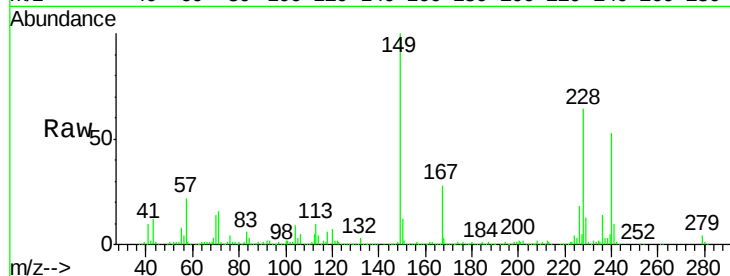
ClientSampleId :

PB86426BS

Tot Ion:	149	Resp:	909848
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.2	31.8
279	4.0	2.2	3.2

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 40.71 ng

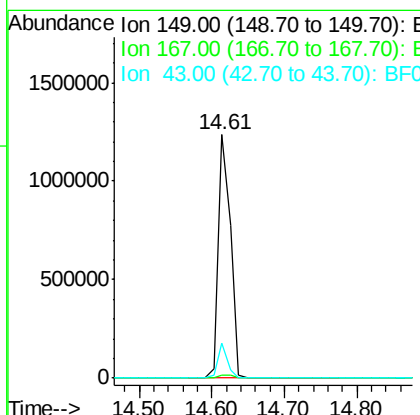
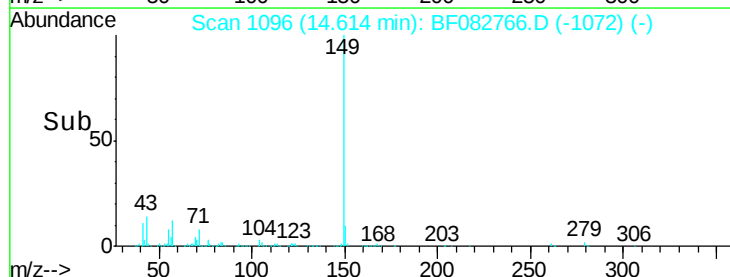
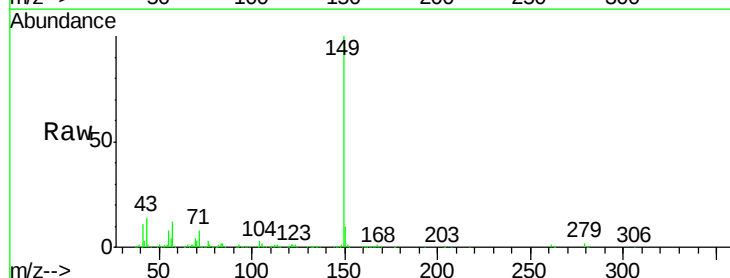
RT: 14.61 min Scan# 1096

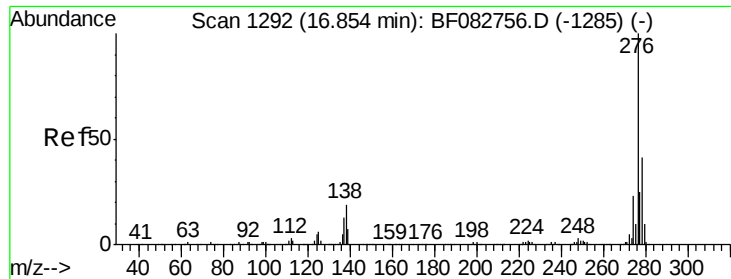
Delta R.T. -0.02 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Tgt Ion:	149	Resp:	1428738
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.2	10.1	15.1





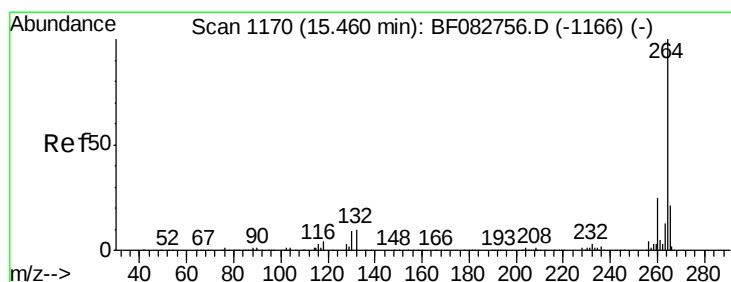
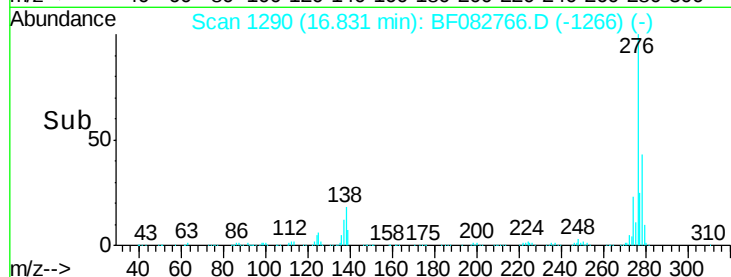
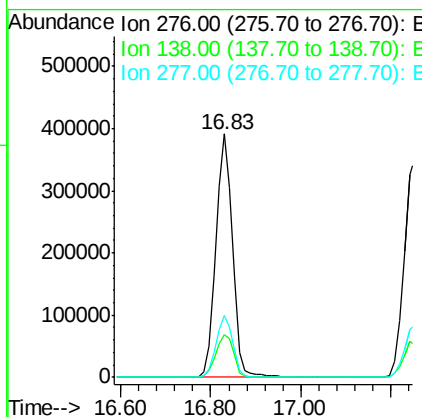
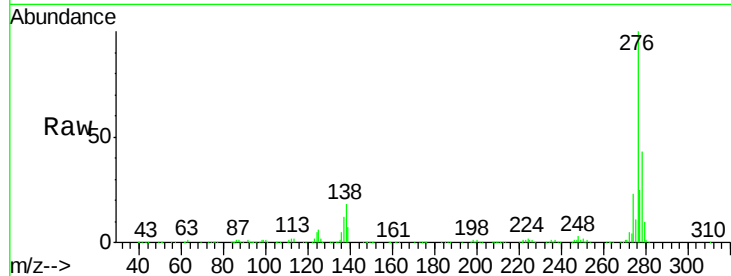
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.45 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.3	22.9
277	25.6	20.2	30.4

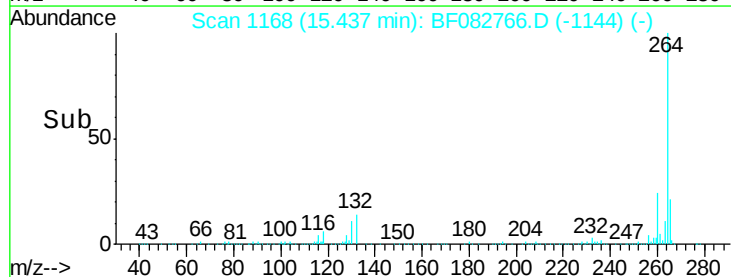
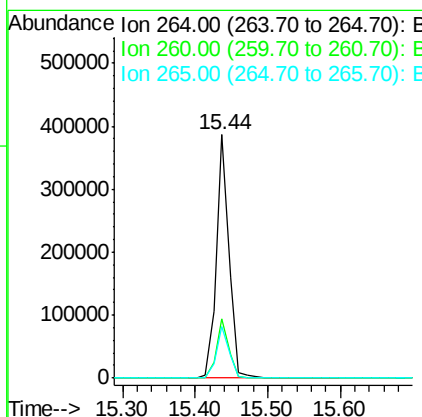
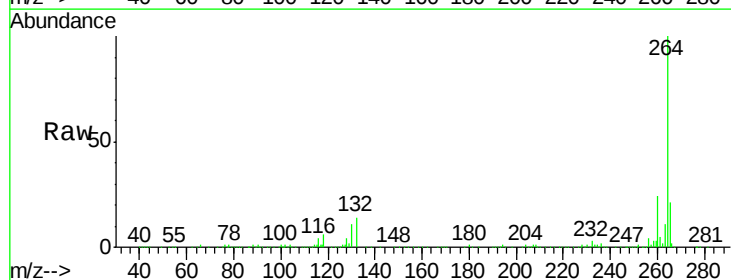
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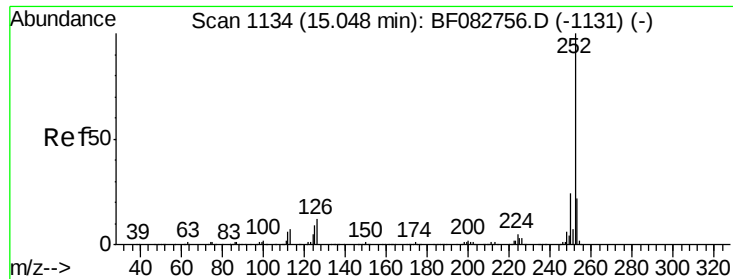
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.09 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

PB86426BS

Tot Ion:252 Resp: 1251872

Ion Ratio Lower Upper

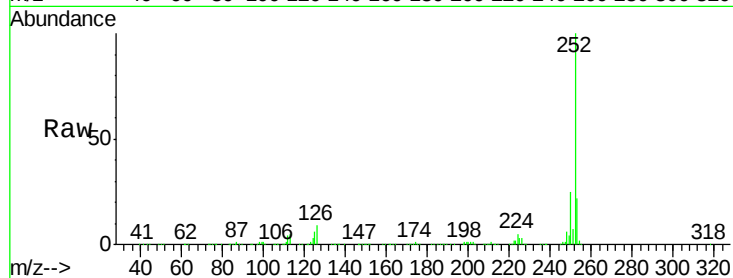
252 100

253 22.1 17.8 26.8

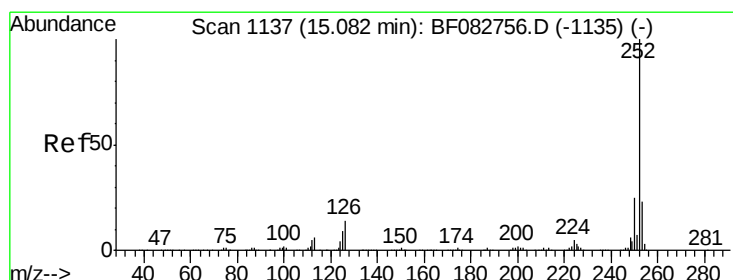
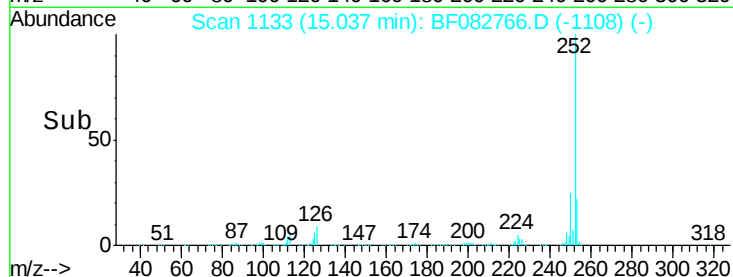
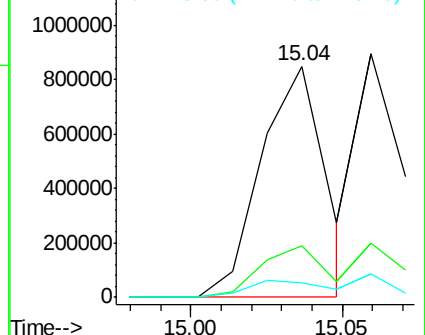
125 6.5 5.4 8.2

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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: 36.06 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF082766.D

Acq: 6 Nov 2015 17:32

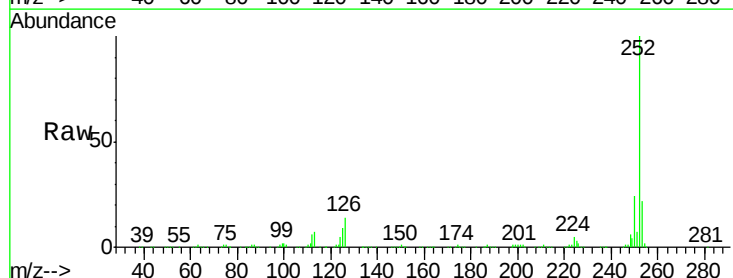
Tgt Ion:252 Resp: 951631

Ion Ratio Lower Upper

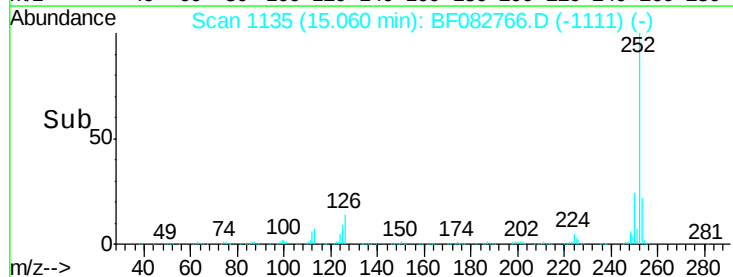
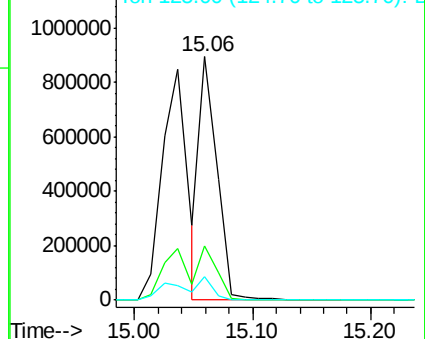
252 100

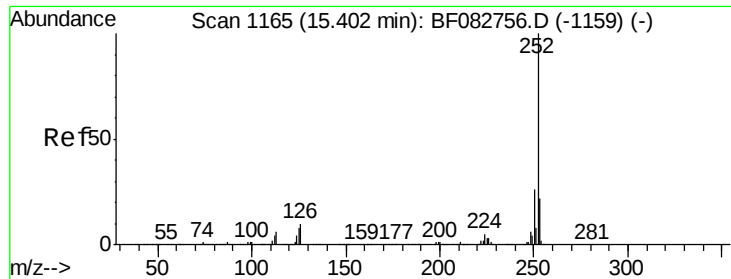
253 22.4 17.9 26.9

125 9.4 3.5 5.3#



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





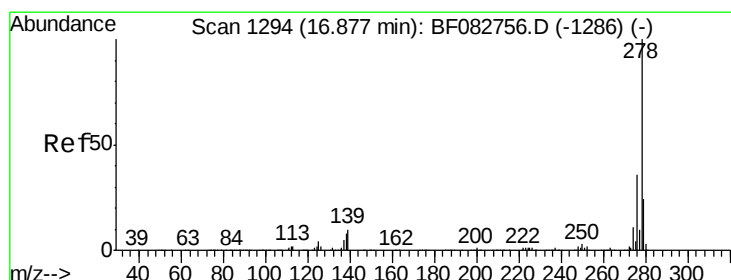
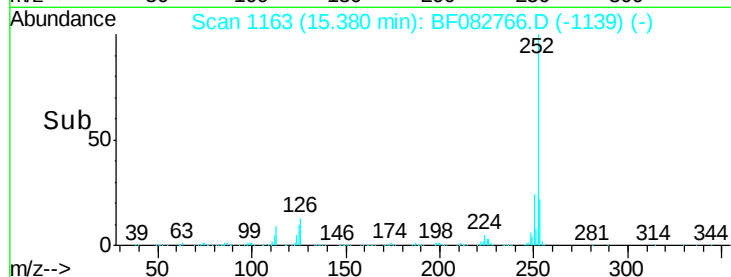
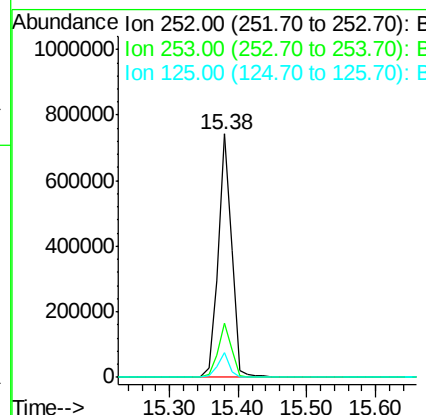
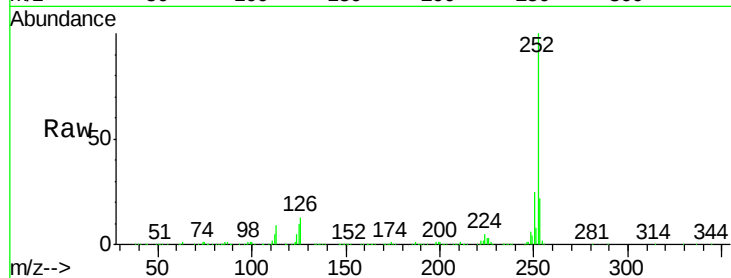
#89
Benzo(a)pyrene
Concen: 40.25 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	10.0	7.1	10.7

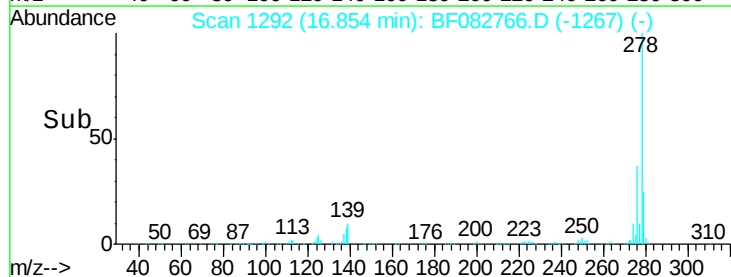
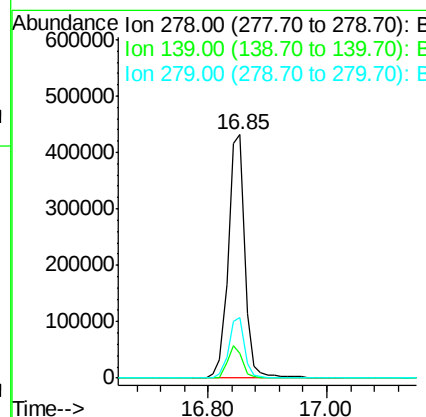
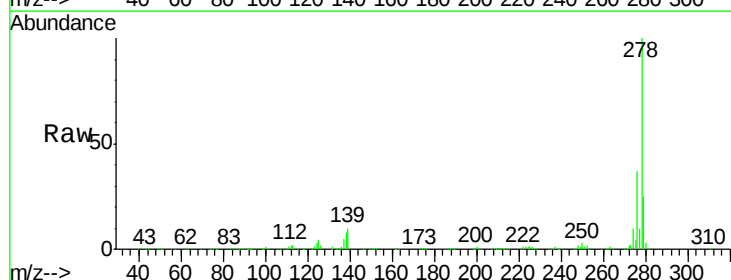
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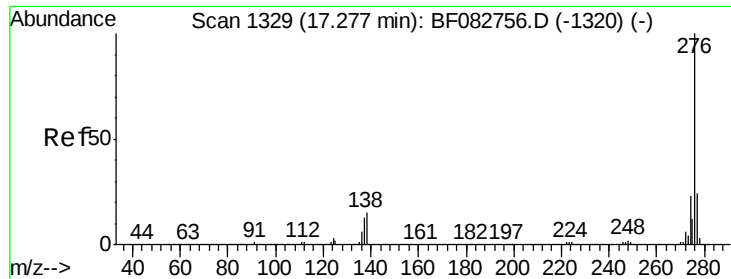
Mmdadoda
11/9/2015 2:10:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.64 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082766.D
Acq: 6 Nov 2015 17:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.9	14.9
279	24.7	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.55 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF082766.D
 Acq: 6 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BS

Tot Ion:	276	Resp:	805786
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	14.5	13.1	19.7

Manual Integrations
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 11/9/2015 2:10:24 PM

