

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082760.D
 Acq On : 6 Nov 2015 14:38
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Manual Integrations
 APPROVED

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 11/9/2015 2:10:12 PM

Quant Time: Nov 06 17:41:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 14:39:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209977	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	812339	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	407615	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	811602	20.00	ng	0.00
75) Chrysene-d12	14.03	240	644789	20.00	ng	0.01
86) Perylene-d12	15.48	264	648633	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1041519	77.18	ng	0.00
7) Phenol-d6	6.49	99	1292921	72.07	ng	0.01
23) Nitrobenzene-d5	7.42	82	1476487	79.09	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	340634	72.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2038081	71.66	ng	0.00
78) Terphenyl-d14	12.97	244	2263332	83.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	219428	37.68	ng	98
3) Pyridine	3.15	79	676943	40.06	ng	95
4) n-Nitrosodimethylamine	3.10	42	323457	38.60	ng	91
6) Aniline	6.51	93	928591	36.86	ng	96
8) 2-Chlorophenol	6.64	128	556426	37.19	ng	86
9) Benzaldehyde	6.40	77	379685	38.31	ng	87
10) Phenol	6.50	94	727876	35.76	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	567255	37.26	ng	91
12) 1,3-Dichlorobenzene	6.80	146	671809m	39.82	ng	
13) 1,4-Dichlorobenzene	6.86	146	617411	35.17	ng	99
14) 1,2-Dichlorobenzene	7.02	146	584094	36.59	ng	96
15) Benzyl Alcohol	7.00	79	634410	40.27	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	824609	36.93	ng	96
17) 2-Methylphenol	7.12	107	497450	39.26	ng	95
18) Hexachloroethane	7.37	117	229842	36.61	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	462176	35.04	ng	91
20) 3+4-Methylphenols	7.26	107	570047	34.60	ng	# 89
22) Acetophenone	7.26	105	821930	35.31	ng	# 86
24) Nitrobenzene	7.44	77	653807	34.25	ng	89
25) Isophorone	7.69	82	1305855	37.80	ng	96
26) 2-Nitrophenol	7.76	139	327936	41.15	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	549169	38.35	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	721599	37.03	ng	99
29) 2,4-Dichlorophenol	8.00	162	466238	36.03	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	554573	38.11	ng	95
31) Naphthalene	8.17	128	1646819	36.74	ng	99
32) Benzoic acid	7.94	122	391016	39.89	ng	91
33) 4-Chloroaniline	8.21	127	734833	38.04	ng	# 86
34) Hexachlorobutadiene	8.29	225	339261	37.25	ng	98
35) Caprolactam	8.59	113	149029	36.53	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	528388	34.72	ng	95
37) 2-Methylnaphthalene	8.85	142	1017361	35.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	554004	41.36	ng	98
40) Hexachlorocyclopentadiene	9.01	237	302228	42.00	ng	97

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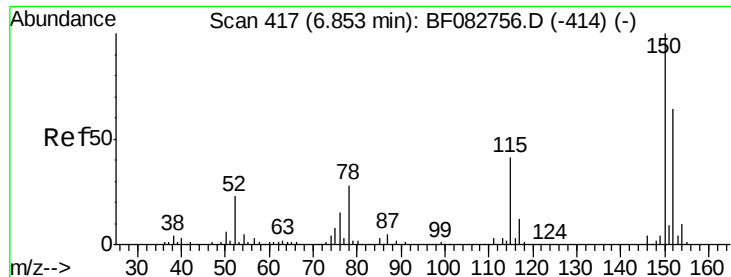
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	386181	38.62	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	400861	41.67	nq #	87
45) 1,1'-Biphenyl	9.32	154	1420625	40.62	nq	98
46) 2-Chloronaphthalene	9.34	162	1104006	40.46	nq	98
47) 2-Nitroaniline	9.44	65	440549	43.53	nq #	81
48) Acenaphthylene	9.76	152	1584716	37.06	nq	100
49) Dimethylphthalate	9.63	163	1397120	41.83	nq	98
50) 2,6-Dinitrotoluene	9.68	165	273994	38.45	nq	87
51) Acenaphthene	9.93	154	1007668	37.18	nq	99
52) 3-Nitroaniline	9.85	138	302030	38.54	nq	86
53) 2,4-Dinitrophenol	9.95	184	170986	43.70	nq #	24
54) Dibenzofuran	10.10	168	1323287	36.22	nq	97
55) 4-Nitrophenol	10.01	139	261994	43.58	nq	92
56) 2,4-Dinitrotoluene	10.09	165	418778	43.32	nq #	68
57) Fluorene	10.44	166	1083478	36.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	316036	39.16	nq #	88
59) Diethylphthalate	10.33	149	1362456	41.78	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	592786	40.04	nq	97
61) 4-Nitroaniline	10.46	138	331913	42.12	nq	85
62) Azobenzene	10.60	77	1444188	41.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	227352	39.32	nq #	49
65) n-Nitrosodiphenylamine	10.56	169	1016102	34.66	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	342627	35.06	nq #	67
67) Hexachlorobenzene	10.99	284	382824	35.08	nq	89
68) Atrazine	11.08	200	297816	32.85	nq	99
69) Pentachlorophenol	11.18	266	275024	41.50	nq	97
70) Phenanthrene	11.40	178	1637560	34.74	nq	99
71) Anthracene	11.46	178	1880123	37.87	nq	98
72) Carbazole	11.61	167	1648354	37.93	nq	99
73) Di-n-butylphthalate	11.95	149	2064422	38.13	nq #	98
74) Fluoranthene	12.59	202	1920961	37.98	nq	97
76) Benzidine	12.71	184	825242	38.19	nq	97
77) Pyrene	12.82	202	1954237	44.13	nq	100
79) Butylbenzylphthalate	13.45	149	890169	45.50	nq #	71
80) Benzo(a)anthracene	14.01	228	1675653	41.56	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	561462	39.17	nq	100
82) Chrysene	14.05	228	1652790	44.75	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1217793	45.48	nq #	98
84) Di-n-octyl phthalate	14.65	149	1891383	42.35	nq	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	1406752	44.23	nq	99
87) Benzo(b)fluoranthene	15.07	252	1529714	36.74	nq	99
88) Benzo(k)fluoranthene	15.11	252	1393700m	37.73	nq	
89) Benzo(a)pyrene	15.43	252	1377261	38.18	nq #	97
90) Dibenzo(a,h)anthracene	16.90	278	1160057	37.98	nq	99
91) Benzo(g,h,i)perylene	17.30	276	1102842	37.69	nq	99

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



#1

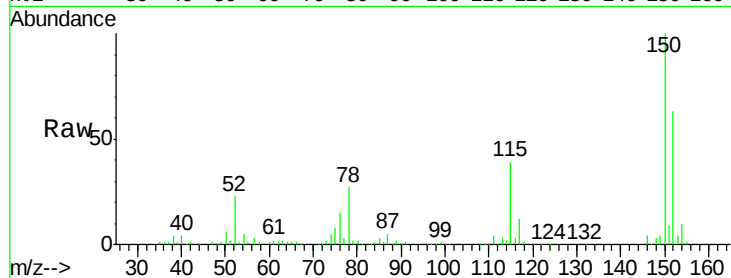
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

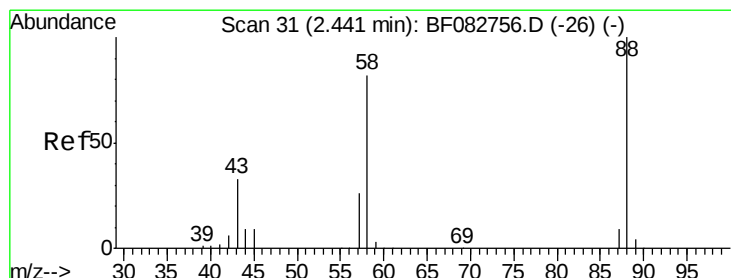
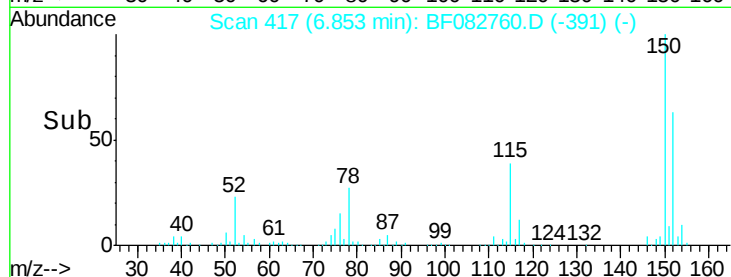
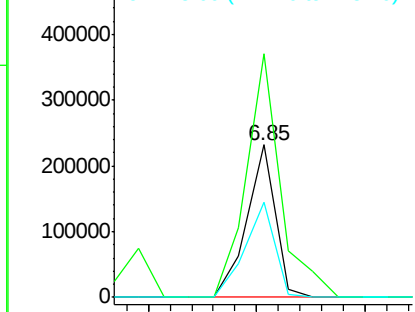
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.0	190.4
115	62.8	47.0	70.6

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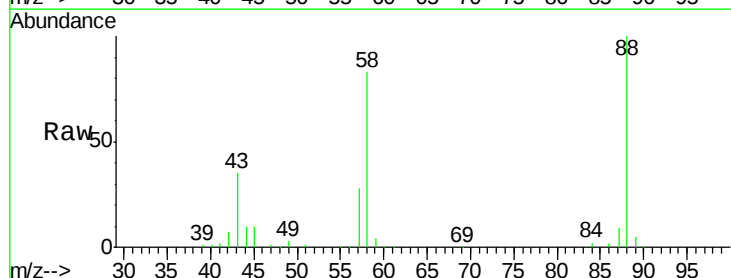
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



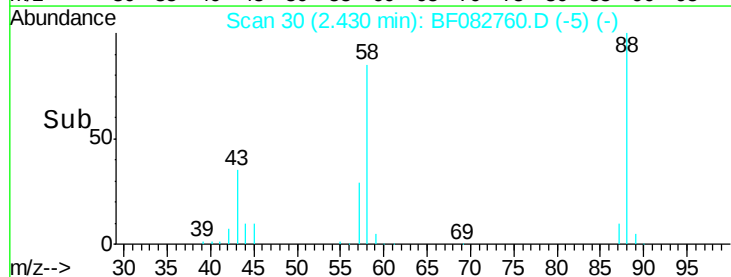
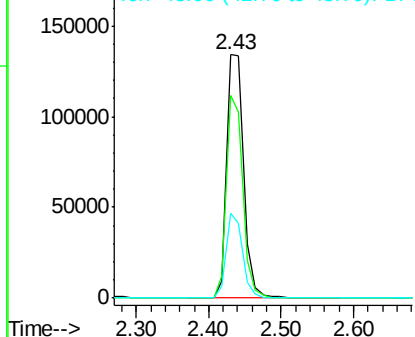
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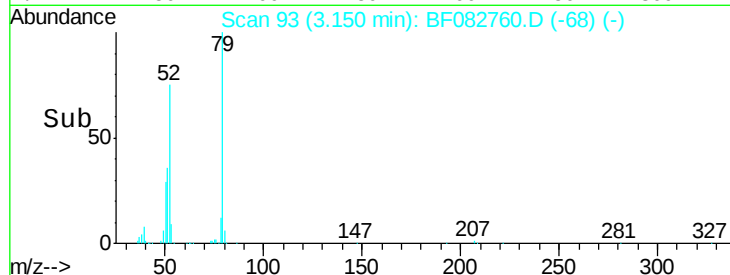
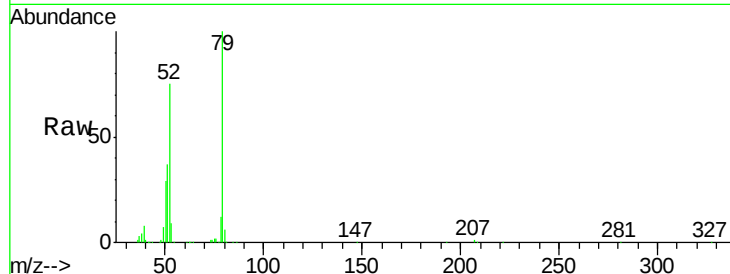
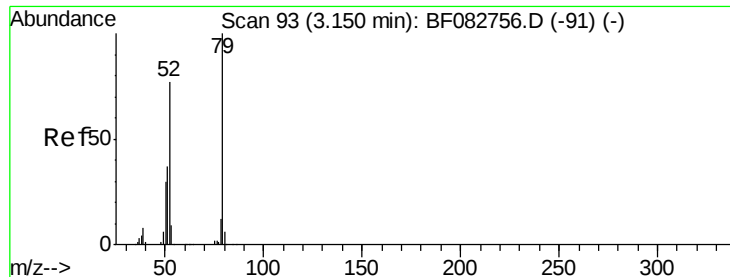
1,4-Dioxane
Concen: 37.68 ng
RT: 2.43 min Scan# 30
Delta R.T. -0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.0	93.0
43	33.0	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





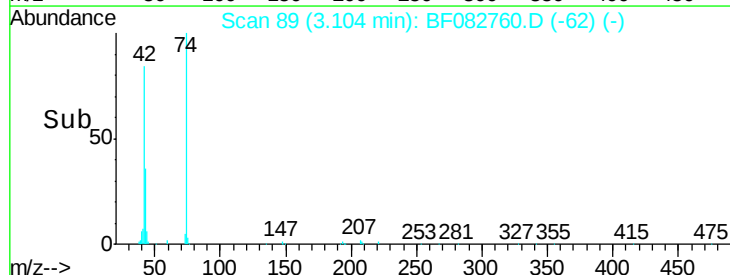
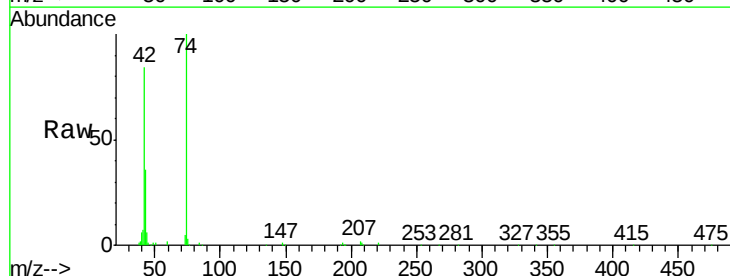
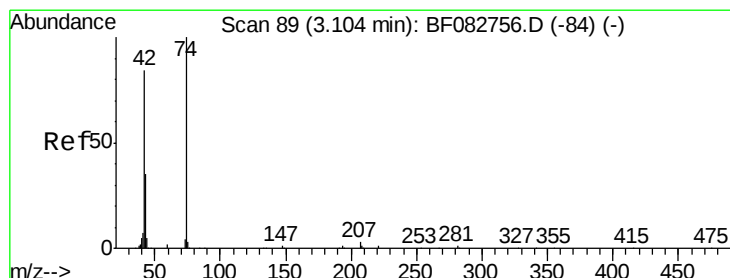
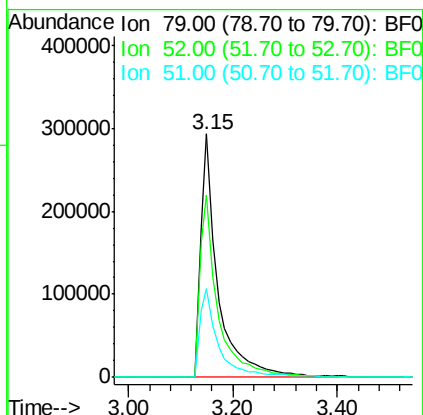
#3
 Pvridine
 Concen: 40.06 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.9	62.8	94.2
51	36.6	32.0	48.0

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 BNA_F
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 ICVBF110715

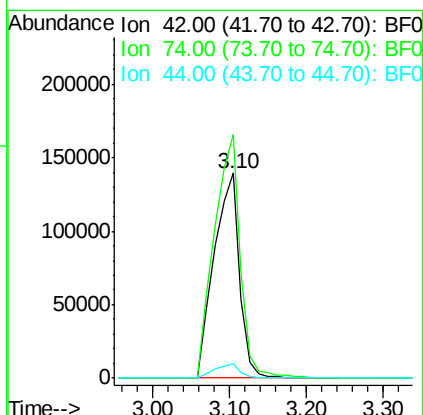
Manual Integrations
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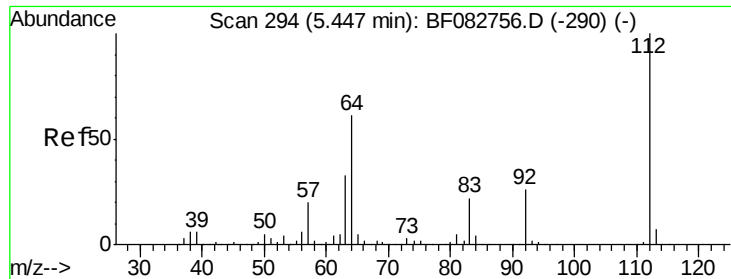
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#4
 n-Nitrosodimethylamine
 Concen: 38.60 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.8	87.0	130.4
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 77.18 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion: 112 Resp: 1041519

Ion Ratio Lower Upper

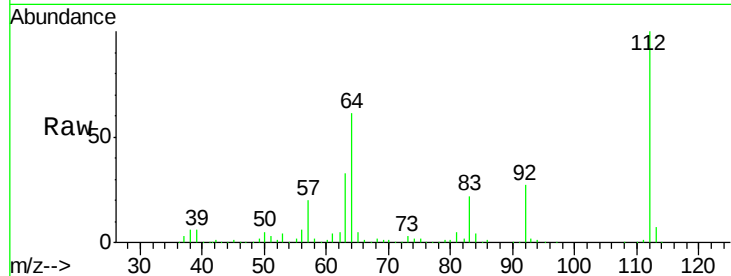
112 100

64 60.6 48.9 73.3

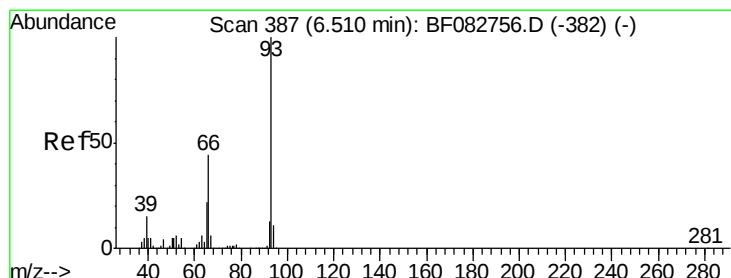
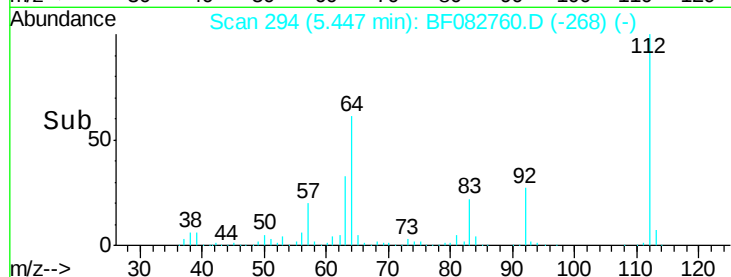
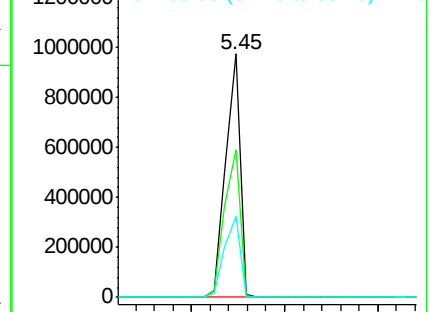
63 33.3 28.1 42.1

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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.86 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

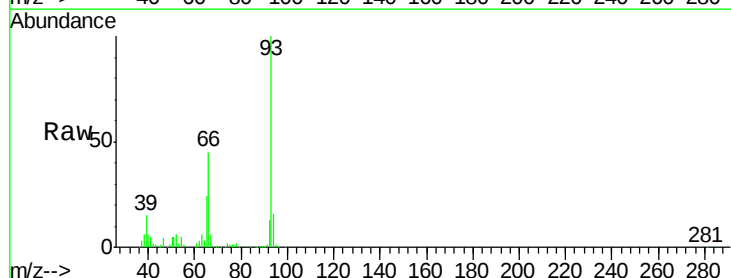
Tgt Ion: 93 Resp: 928591

Ion Ratio Lower Upper

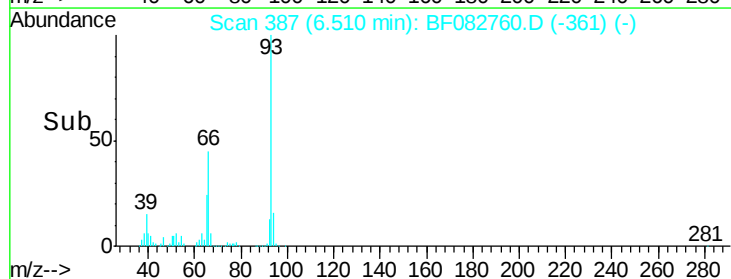
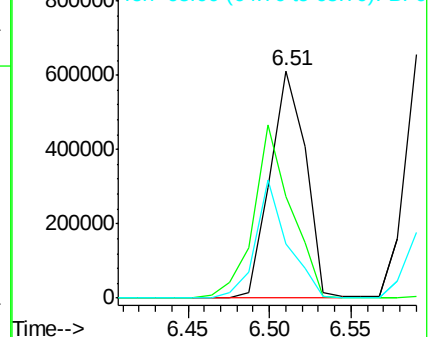
93 100

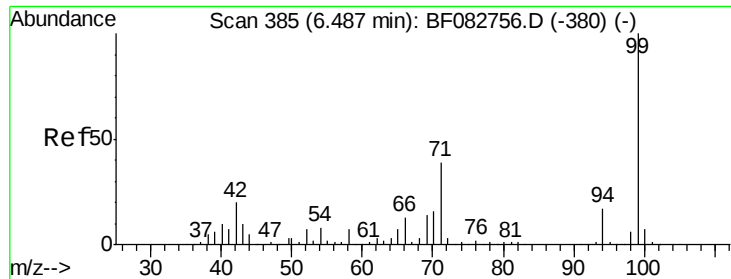
66 44.6 33.6 50.4

65 23.9 18.1 27.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.07 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

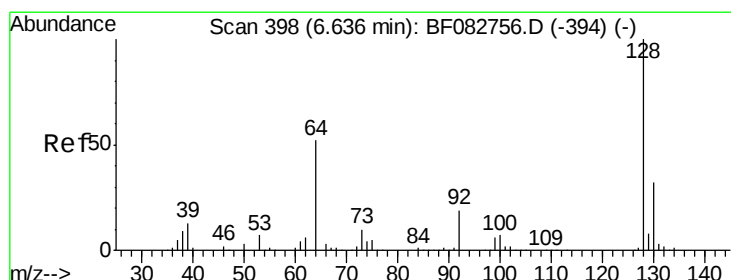
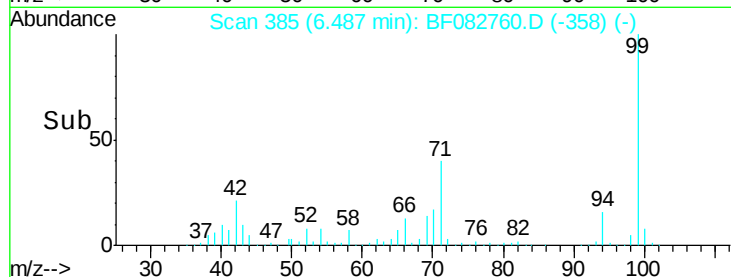
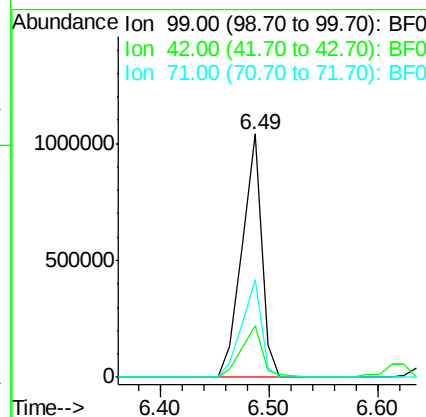
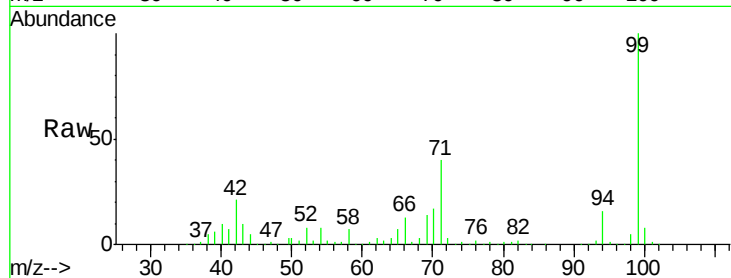
ClientSampleId :

ICVBF110715

Tot Ion:	99	Resp:	1292921
Ion	Ratio	Lower	Upper
99	100		
42	21.1	19.2	28.8
71	40.0	35.0	52.4

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#8

2-Chlorophenol

Concen: 37.19 ng

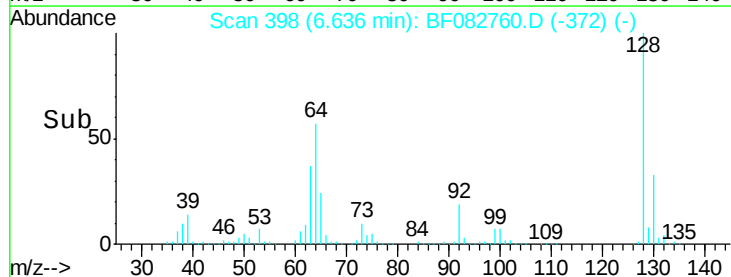
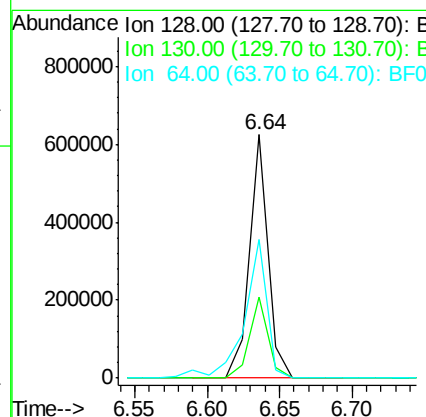
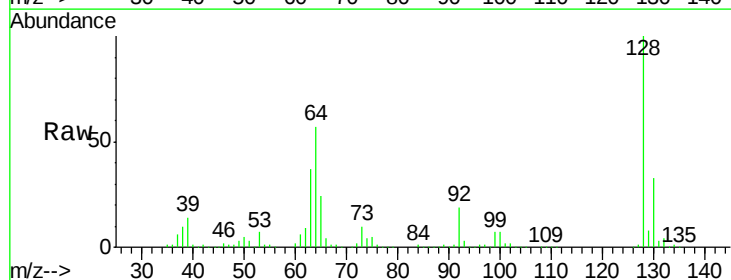
RT: 6.64 min Scan# 398

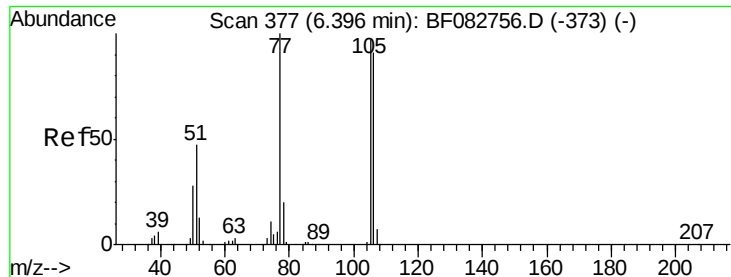
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	128	Resp:	556426
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.5	53.5
64	56.7	21.1	61.1





#9

Benzaldehyde

Concen: 38.31 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

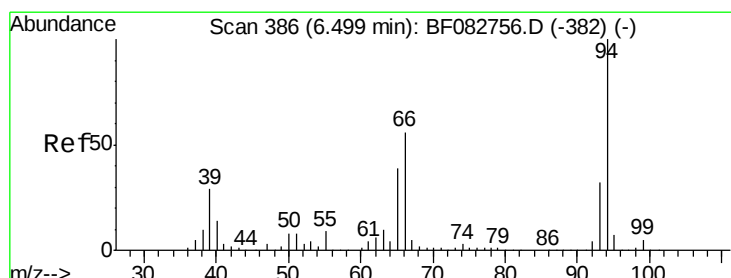
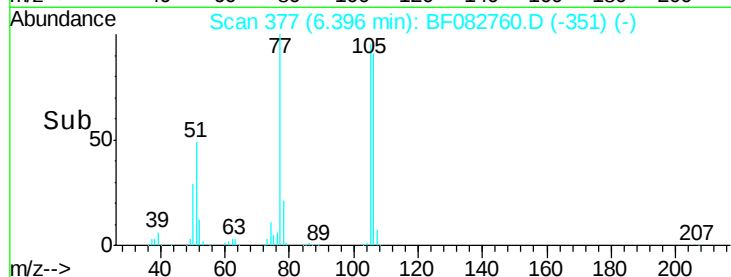
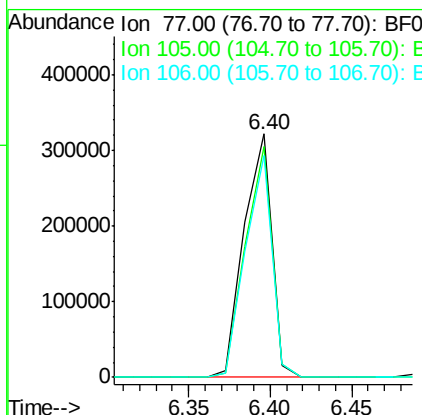
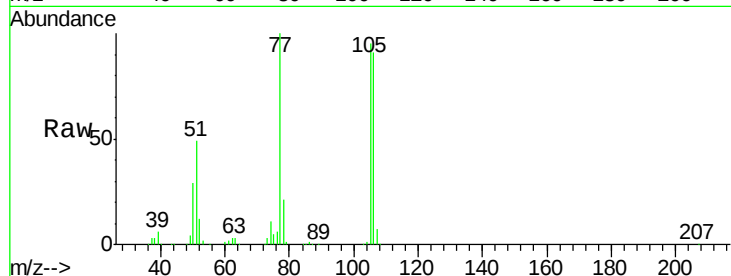
ClientSampleId :

ICVBF110715

Tot Ion:	77	Resp:	379685
Ion	Ratio	Lower	Upper
77	100		
105	94.8	63.5	103.5
106	91.1	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 35.76 ng

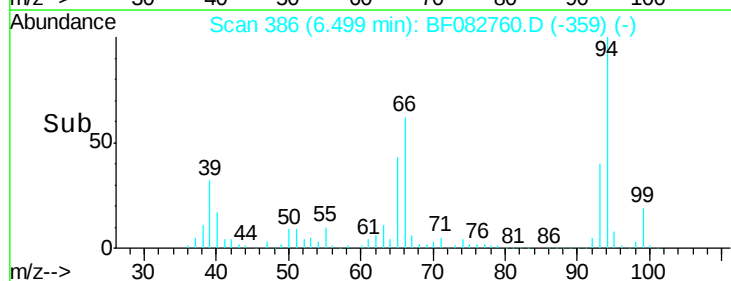
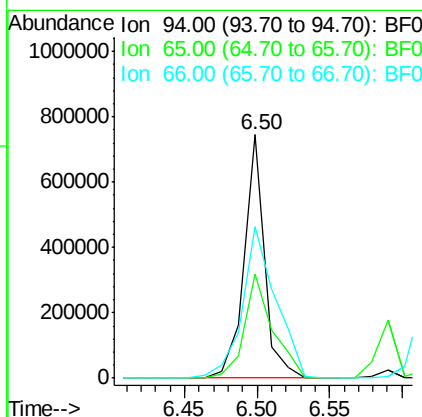
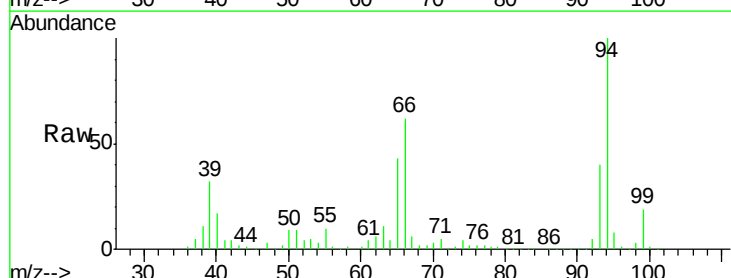
RT: 6.50 min Scan# 386

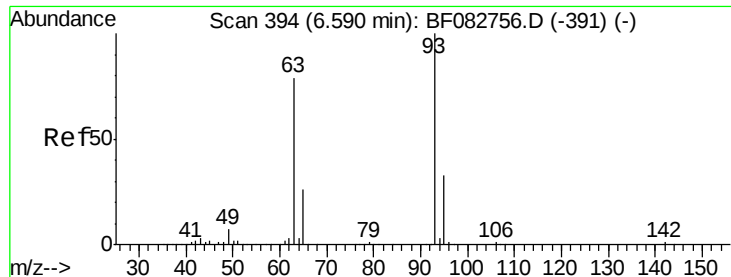
Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	94	Resp:	727876
Ion	Ratio	Lower	Upper
94	100		
65	42.5	18.9	58.9
66	62.4	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 37.26 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

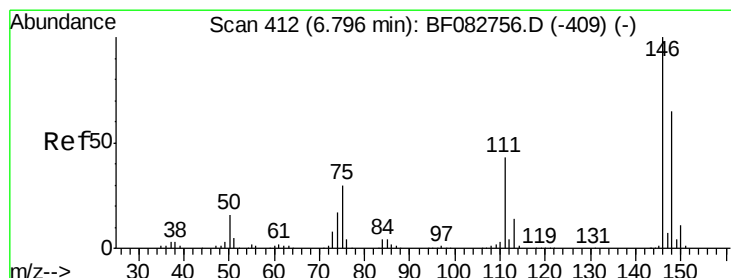
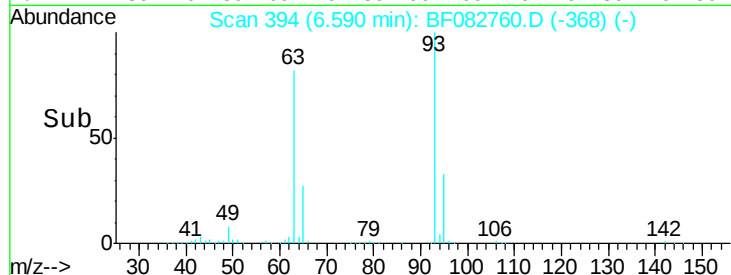
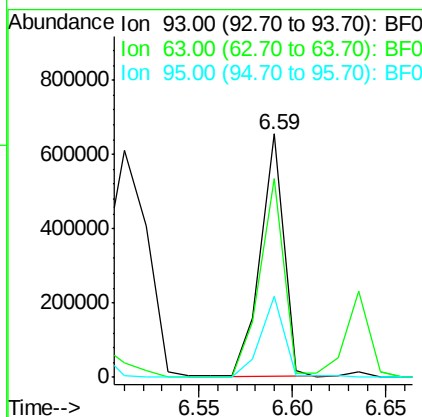
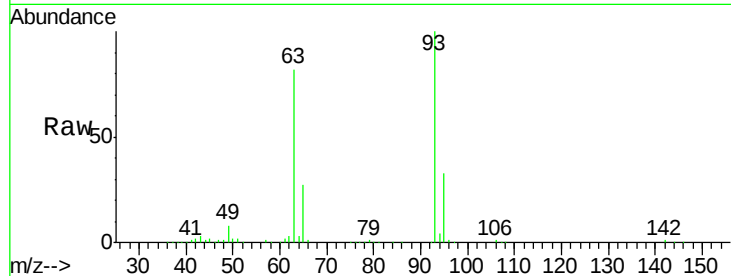
ClientSampleId :

ICVBF110715

Tot Ion:	93	Resp:	567255
Ion Ratio	Lower	Upper	
93	100		
63	81.9	72.7	112.7
95	33.1	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.82 ng m

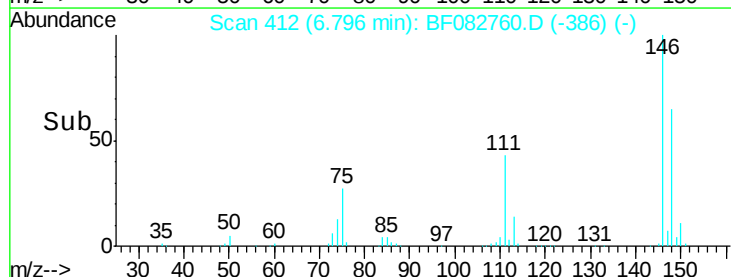
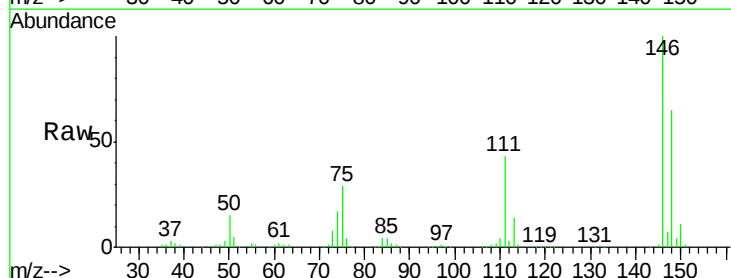
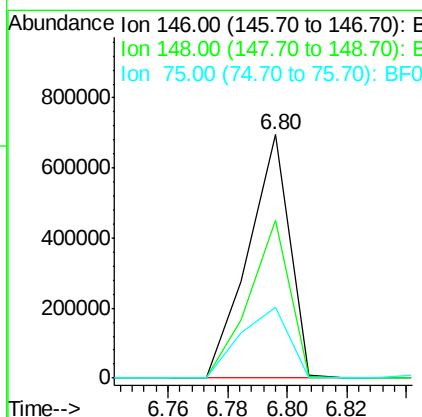
RT: 6.80 min Scan# 412

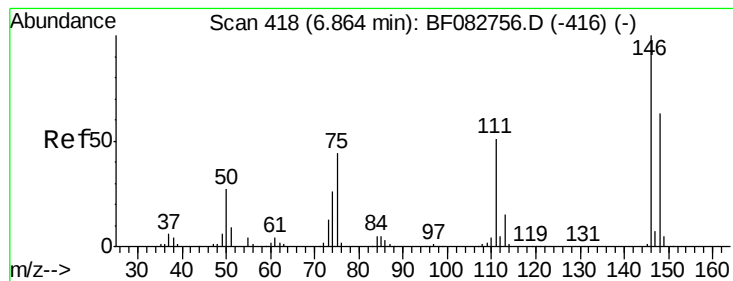
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	146	Resp:	671809
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.5	75.7
75	29.0	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 35.17 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

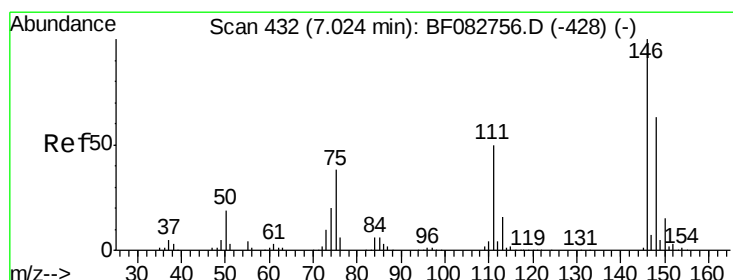
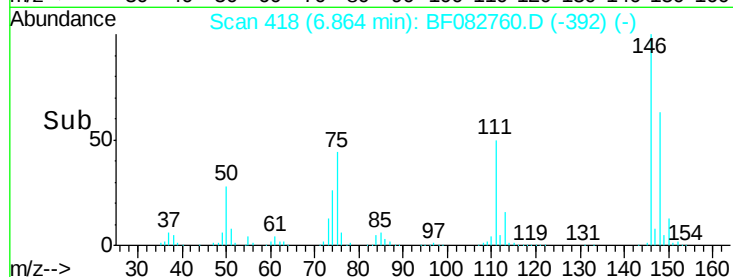
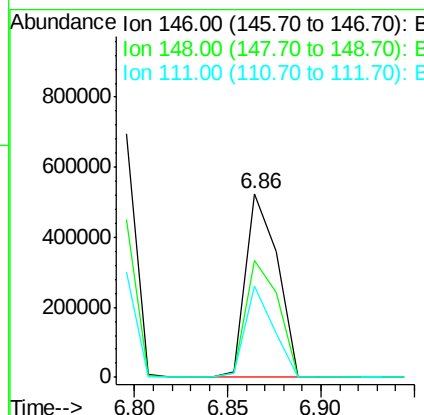
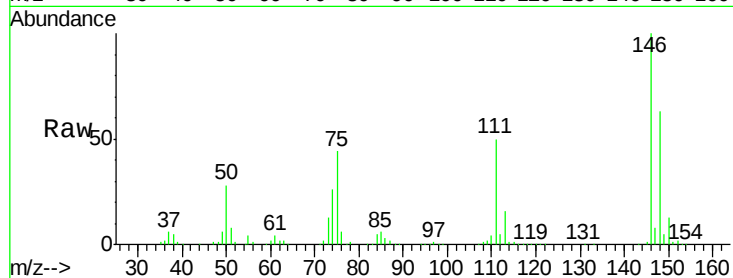
ClientSampleId :

ICVBF110715

Tot Ion:	146	Resp:	617411
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	49.9	40.6	60.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.59 ng

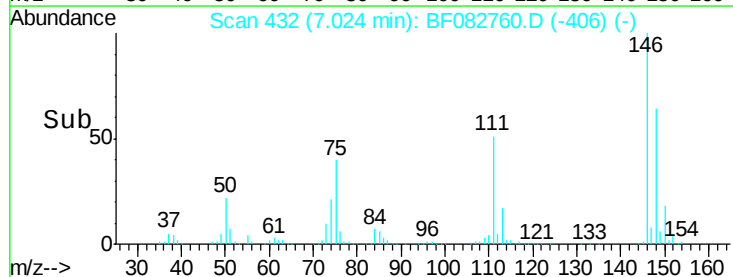
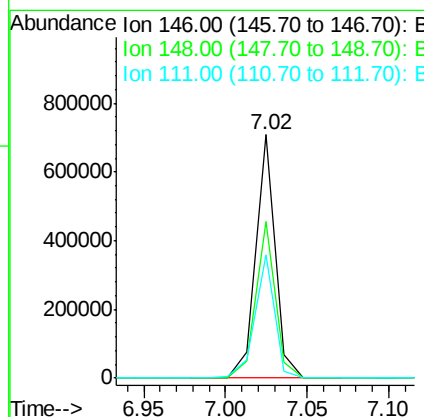
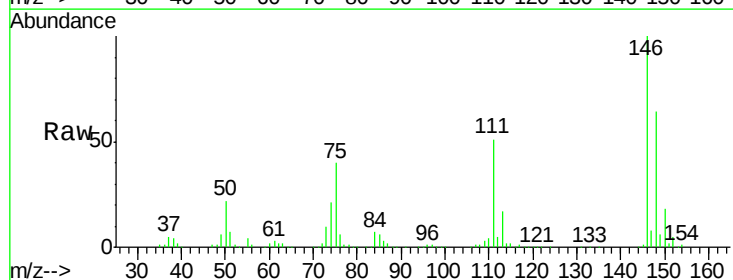
RT: 7.02 min Scan# 432

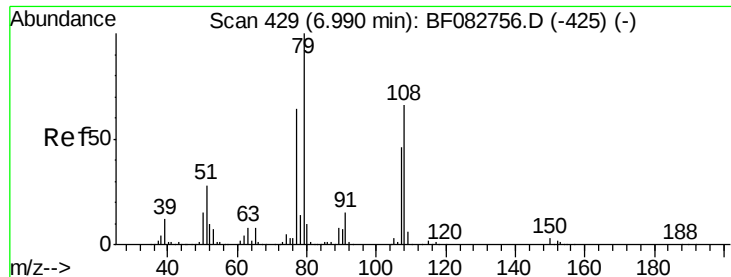
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	146	Resp:	584094
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.4
111	50.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 40.27 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

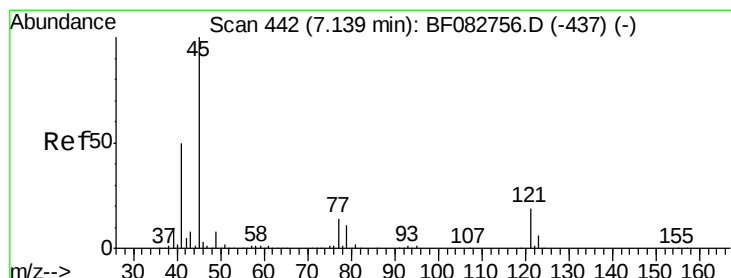
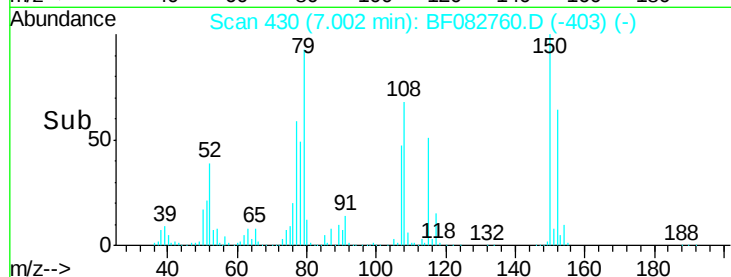
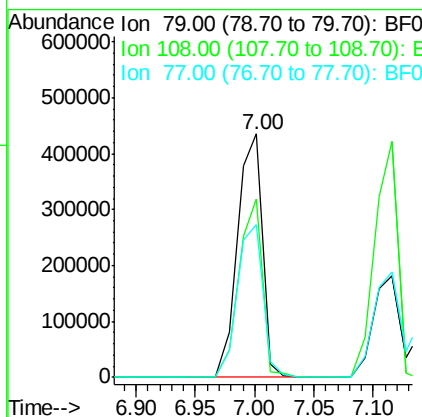
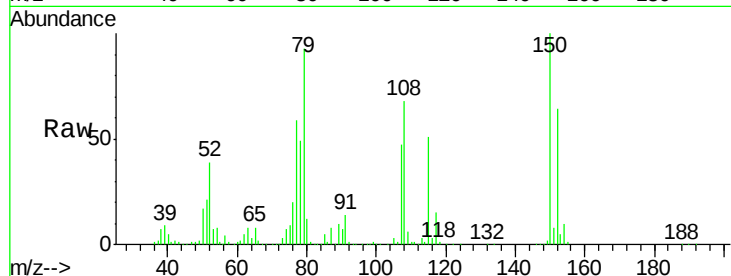
ClientSampleId :

ICVBF110715

Tot Ion:	79	Resp:	634410
Ion Ratio	Lower	Upper	
79	100		
108	73.2	52.2	78.4
77	62.9	52.7	79.1

Manual Integrations
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11/9/2015 2:10:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.93 ng

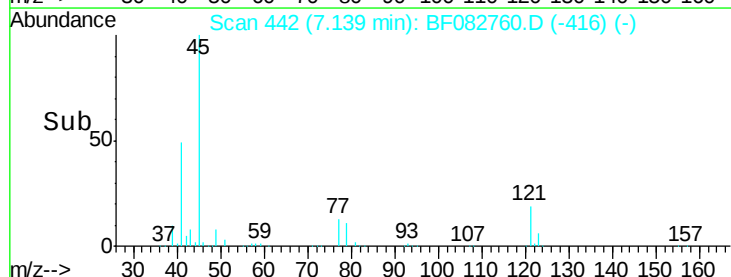
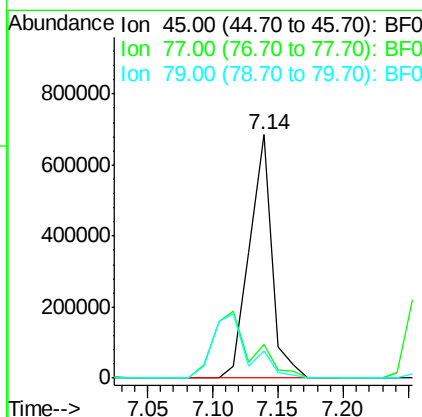
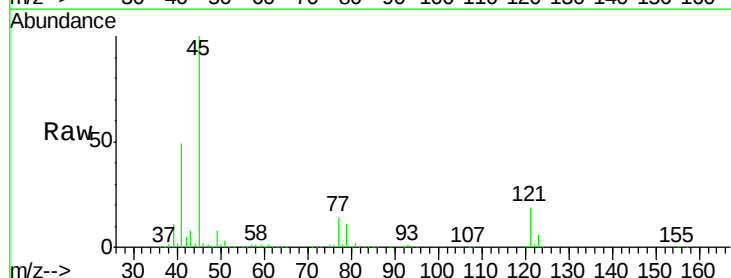
RT: 7.14 min Scan# 442

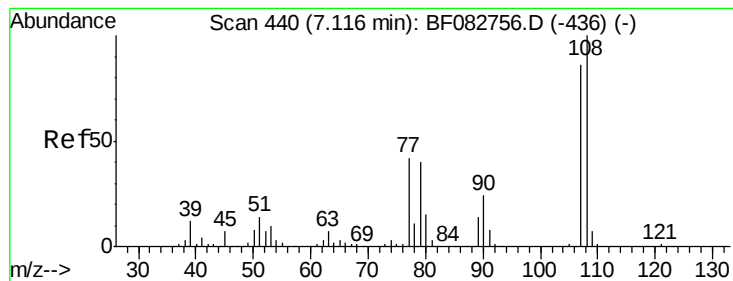
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	45	Resp:	824609
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	32.6
79	11.2	0.0	29.2





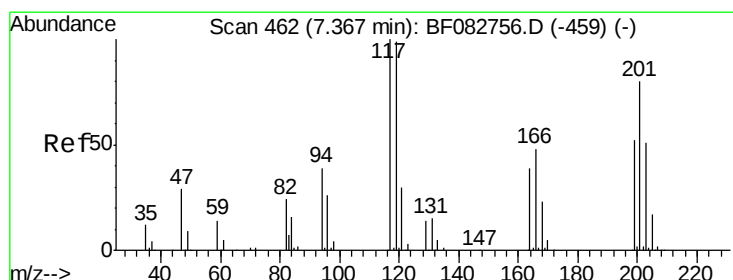
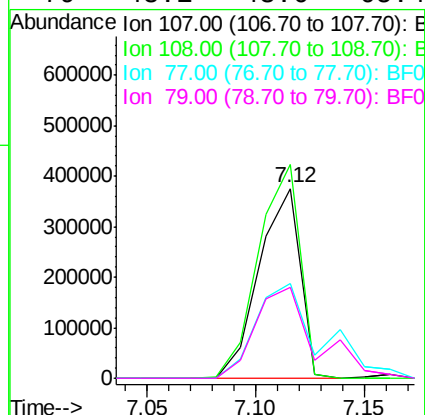
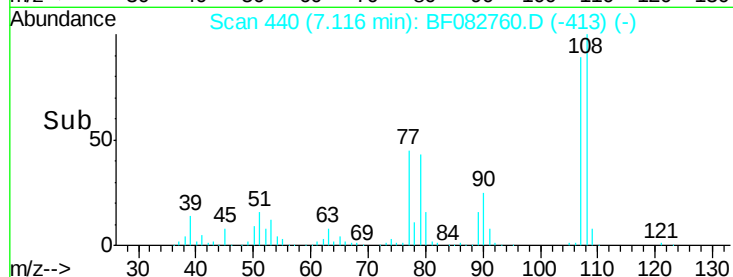
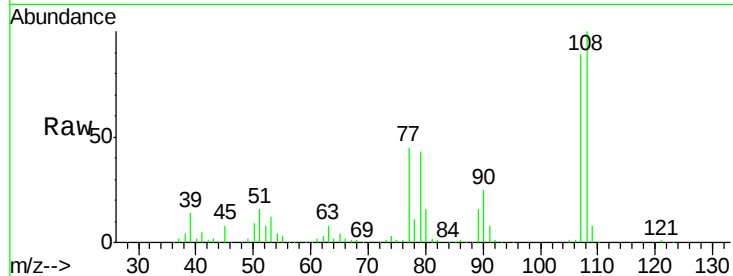
#17
2-Methylphenol
Concen: 39.26 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	497450		
108	108	112.6	93.0	139.4	
77	77	50.2	44.1	66.1	
79	79	48.1	43.6	65.4	

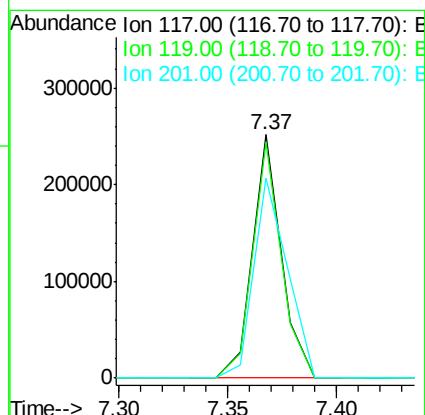
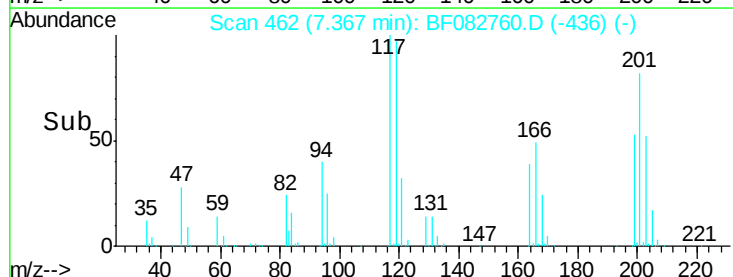
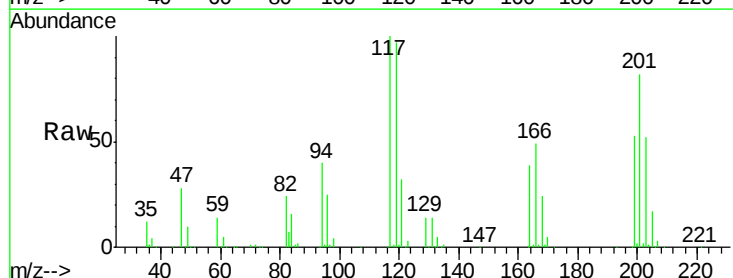
Manual Integrations
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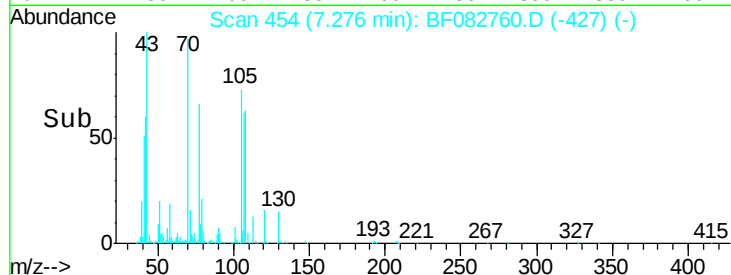
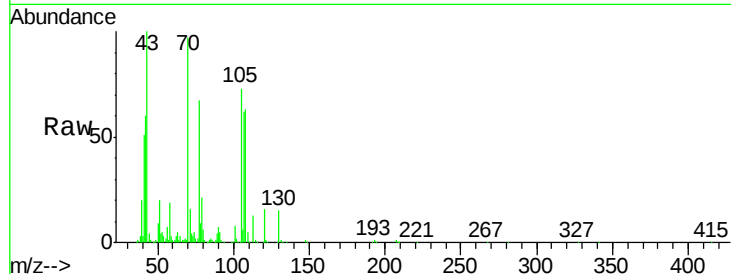
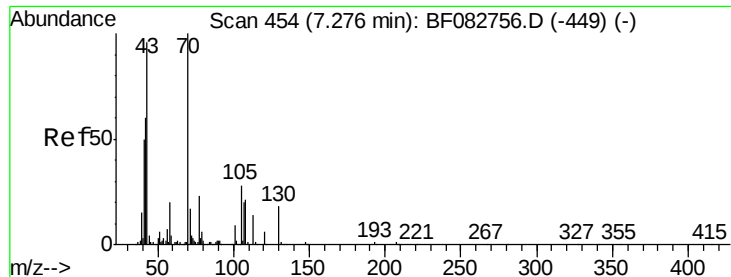
Mmdadoda
11/9/2015 2:10:12 PM



#18
Hexachloroethane
Concen: 36.61 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	229842		
119	119	97.0	77.7	116.5	
201	201	82.4	66.7	100.1	





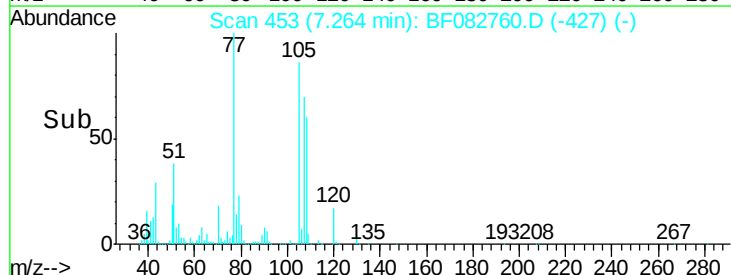
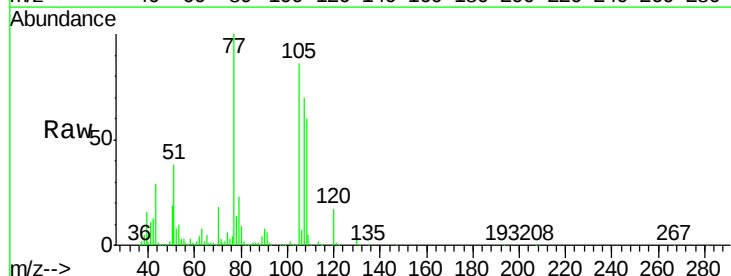
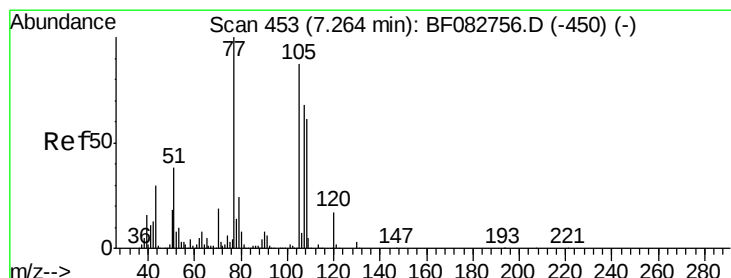
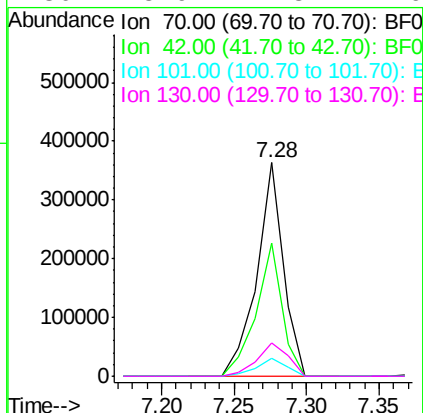
#19
n-Nitroso-di-n-propylamine
Concen: 35.04 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Manual Integrations
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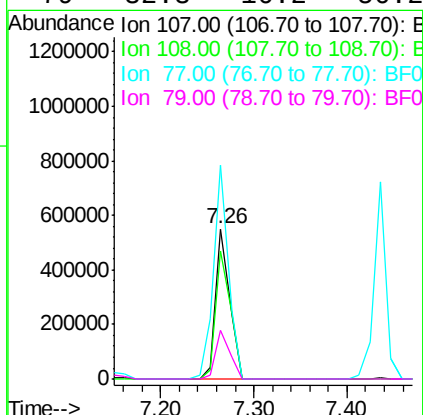
Mmdadoda
11/9/2015 2:10:12 PM

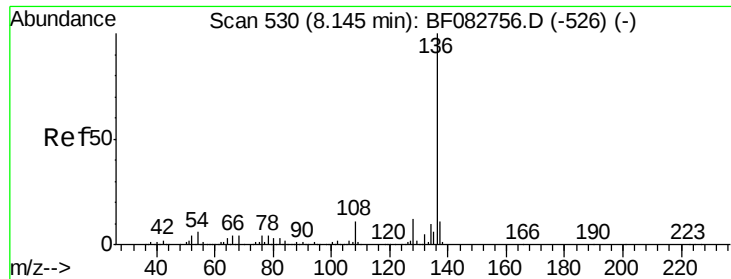
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	57.7	86.5	
101	8.5	7.0	10.6	
130	15.9	11.8	17.6	



#20
3+4-Methylphenols
Concen: 34.60 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.5	67.3	107.3	
77	142.4	100.3	140.3#	
79	32.3	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

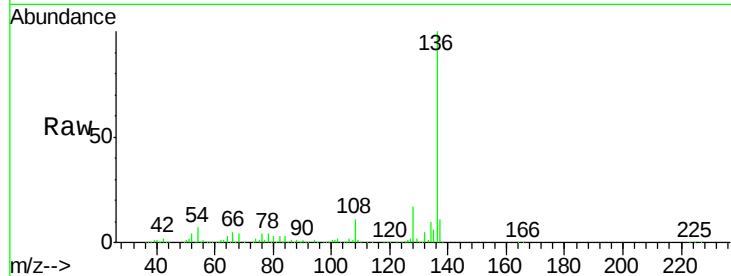
ClientSampleId :

ICVBF110715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		812339		
137	11.1		9.1	13.7	
54	6.6		9.1	13.7	
68	4.3		4.8	7.2	

Manual Integrations
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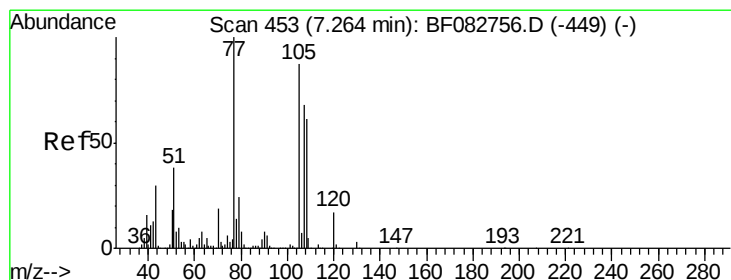
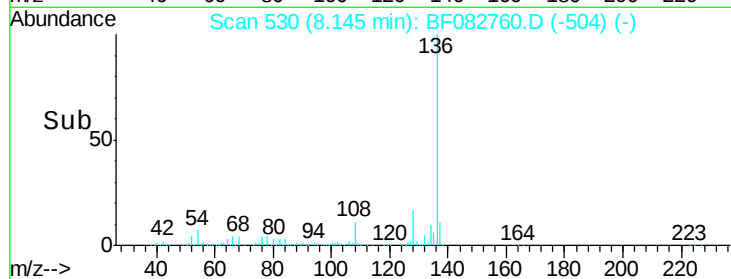
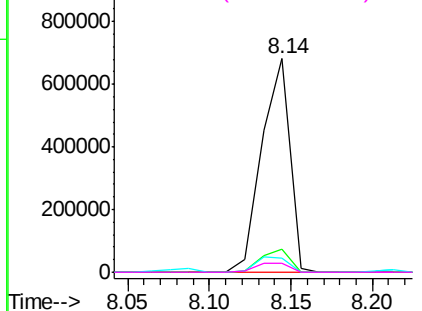
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.31 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		821930		
71	3.5		5.6	8.4	
51	44.3		24.9	37.3	
120	20.0		15.8	23.8	

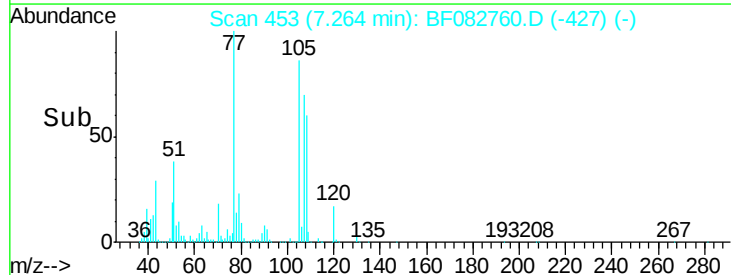
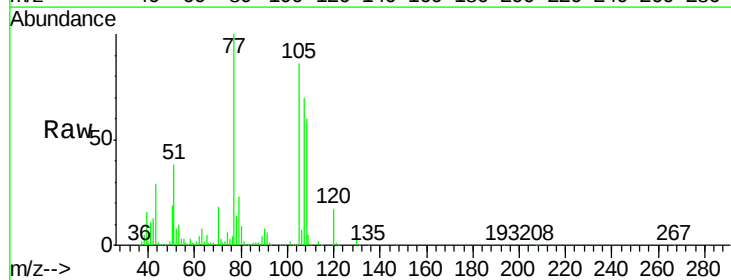
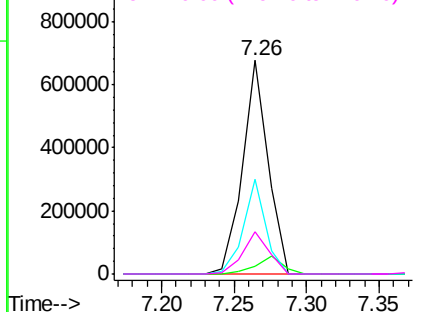
Abundance

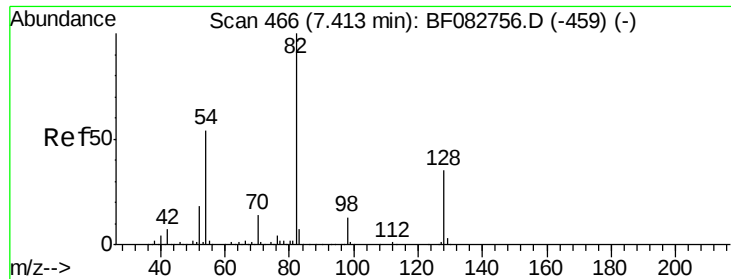
Ion 105.00 (104.70 to 105.70): E

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





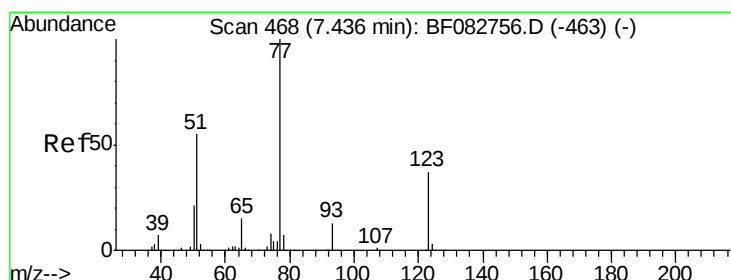
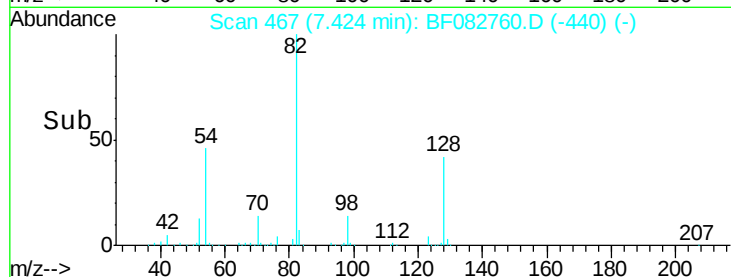
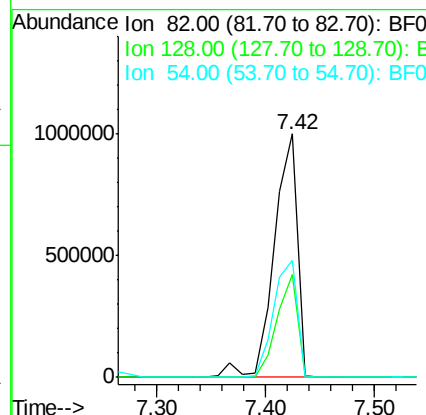
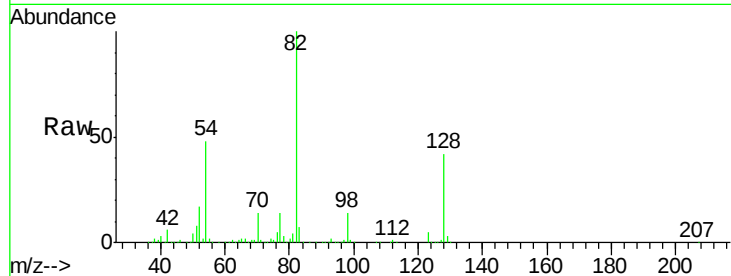
#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	82	Resp	1476487
Ion Ratio	100	Lower	Upper
82	100		
128	42.0	26.8	40.2#
54	47.8	45.7	68.5

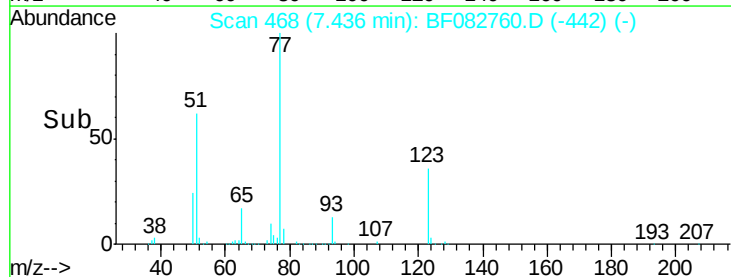
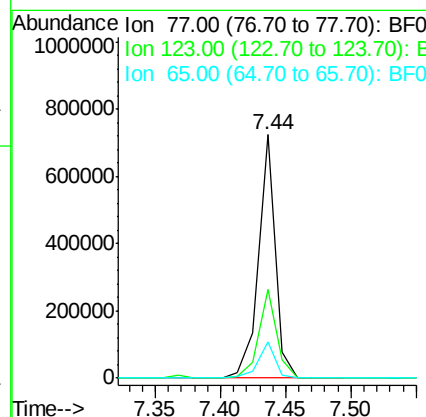
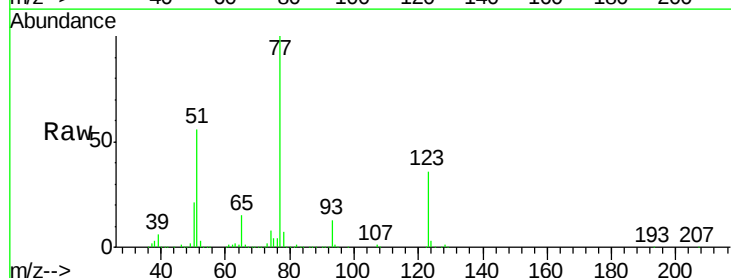
Manual Integrations
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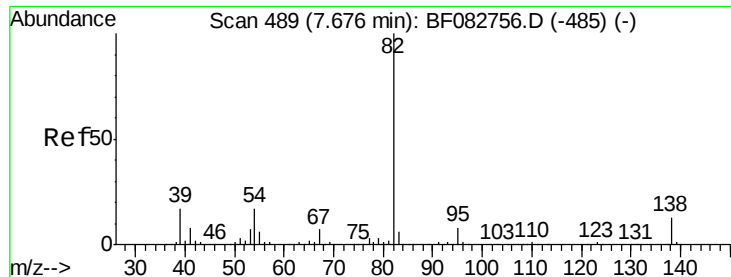
Mmdadoda
 11/9/2015 2:10:12 PM



#24
 Nitrobenzene
 Concen: 34.25 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	77	Resp	653807
Ion Ratio	100	Lower	Upper
77	100		
123	36.4	36.4	54.6
65	15.0	11.5	17.3





#25

Isophorone

Concen: 37.80 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

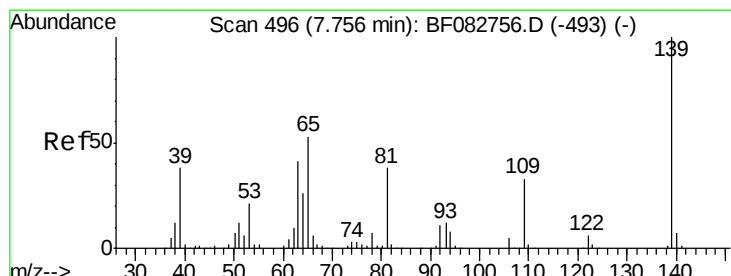
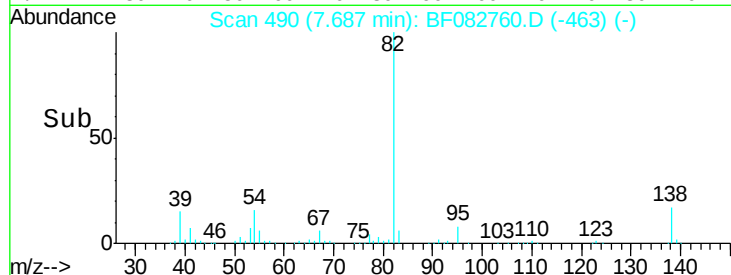
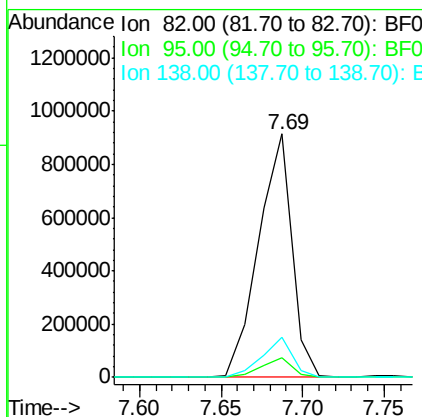
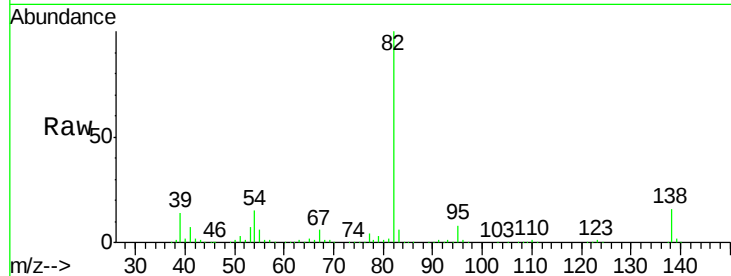
ClientSampleId :

ICVBF110715

Tot Ion:	82	Resp:	1305855
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.6	9.8
138	16.4	11.4	17.0

Manual Integrations
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11/9/2015 2:10:12 PM



#26

2-Nitrophenol

Concen: 41.15 ng

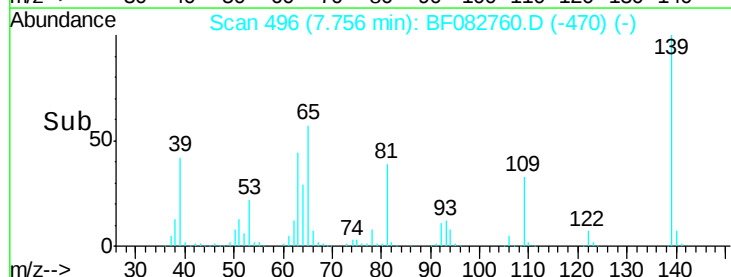
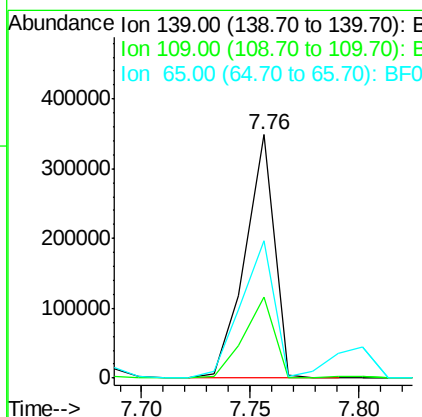
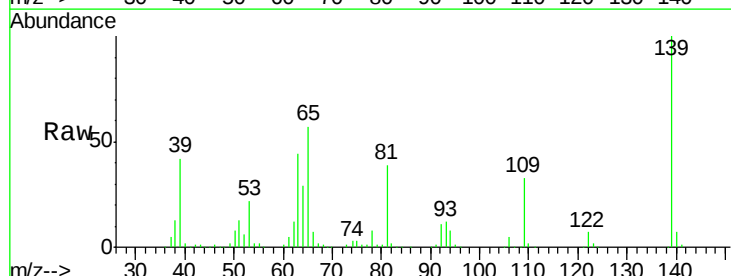
RT: 7.76 min Scan# 496

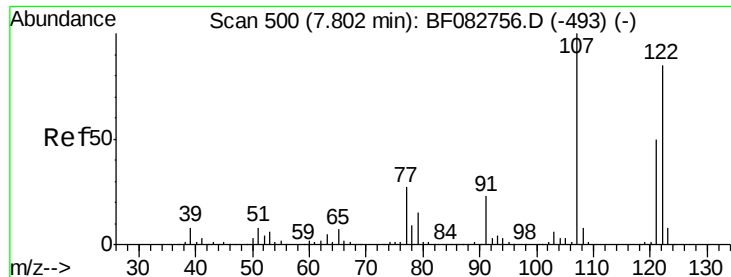
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	139	Resp:	327936
Ion	Ratio	Lower	Upper
139	100		
109	33.2	37.6	56.4#
65	56.5	70.6	105.8#





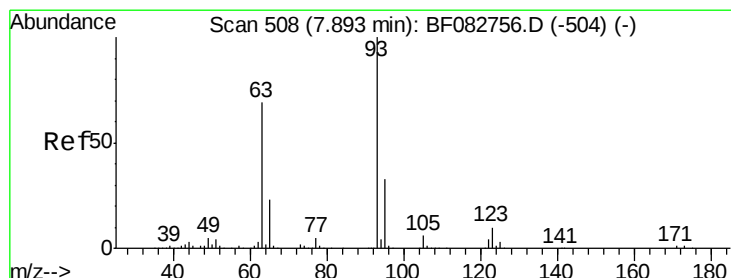
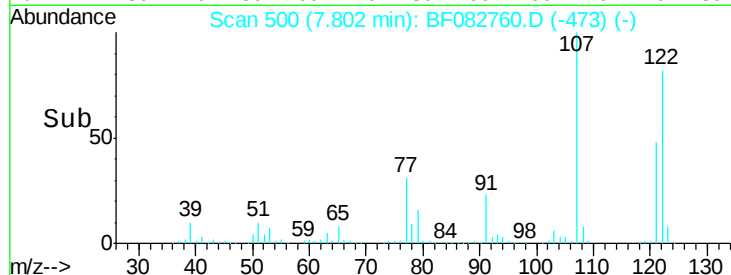
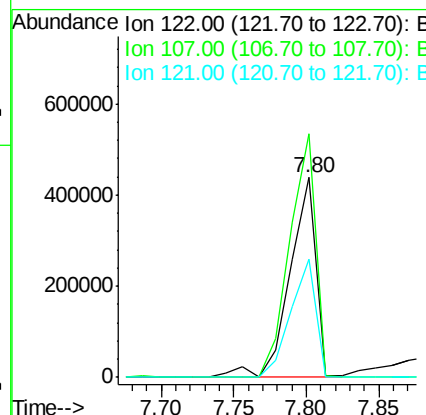
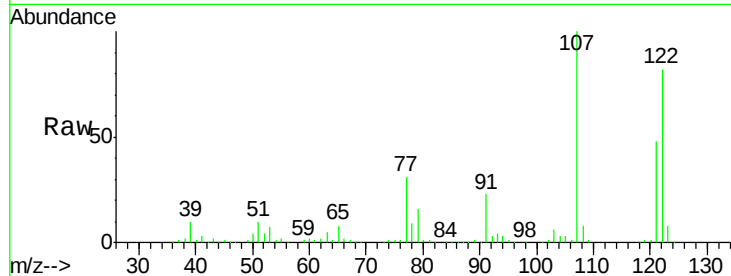
#27
 2,4-Dimethylphenol
 Concen: 38.35 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Resp	Lower	Upper
122	100	549169		
107	122.0	106.0	159.0	
121	58.9	46.7	70.1	

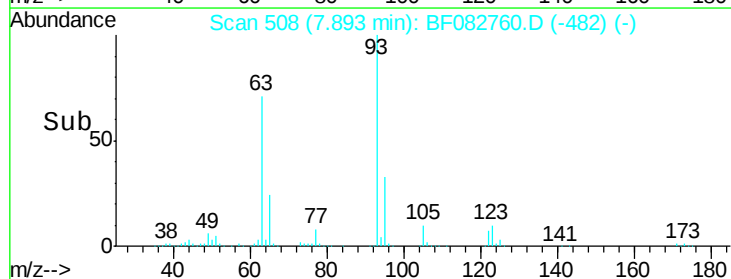
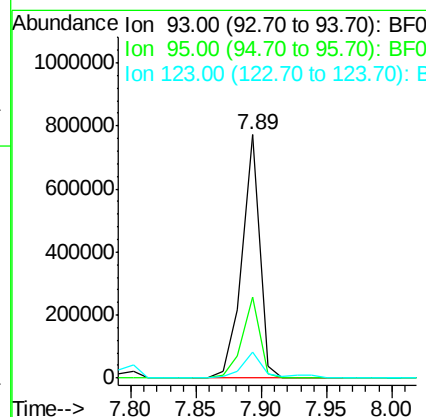
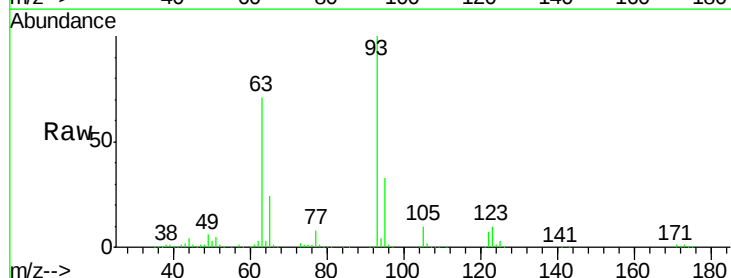
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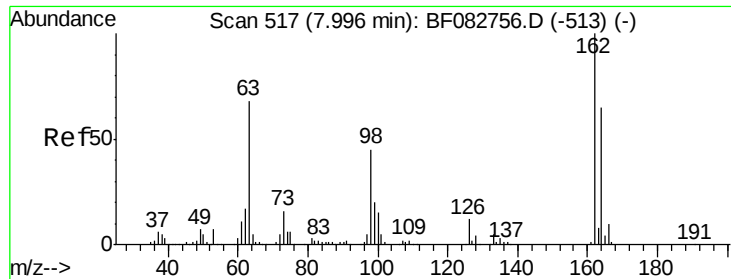
Mmdadoda
 11/9/2015 2:10:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.03 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	721599		
95	33.4	26.6	40.0	
123	10.5	9.7	14.5	





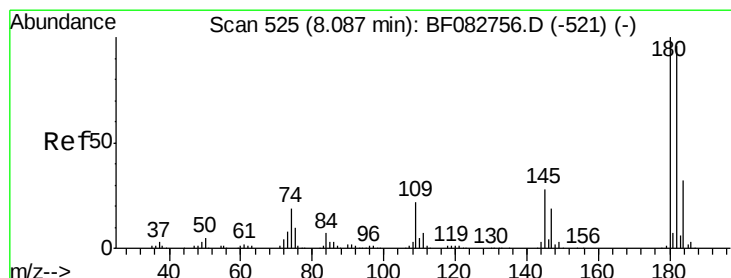
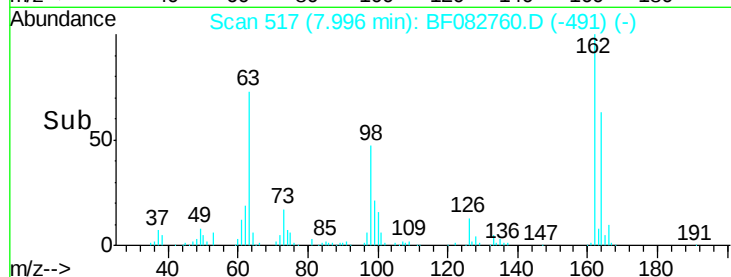
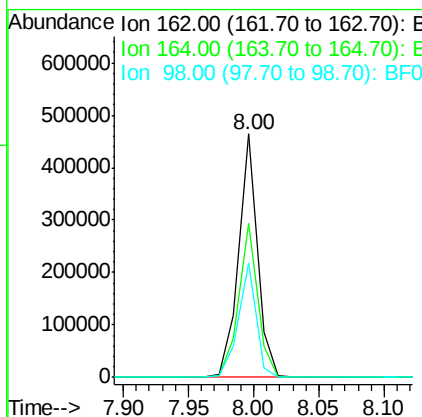
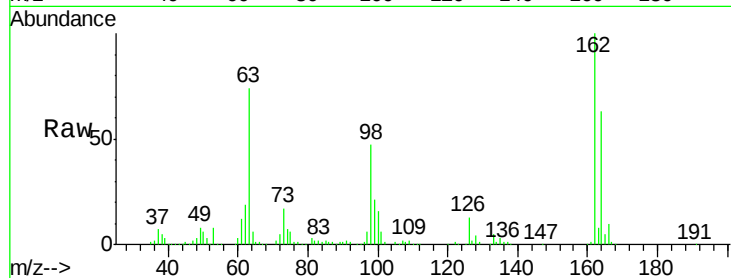
#29
2,4-Dichlorophenol
Concen: 36.03 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466238		
164	63.4	46.8	86.8	
98	46.8	12.5	52.5	

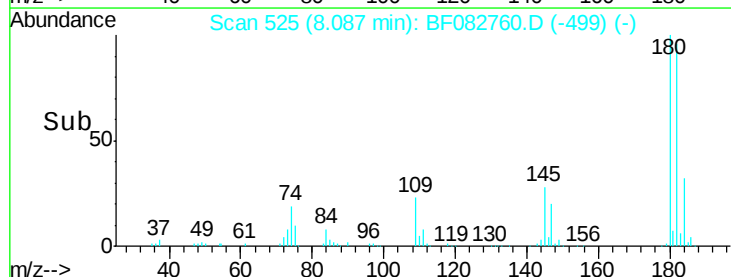
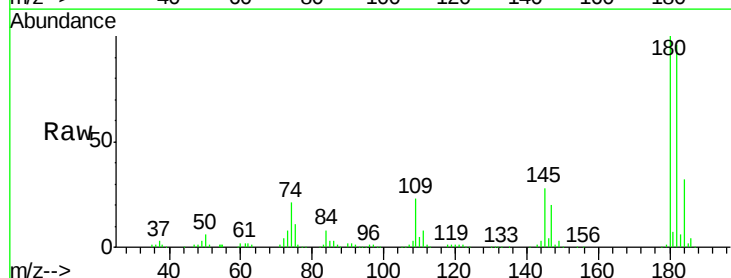
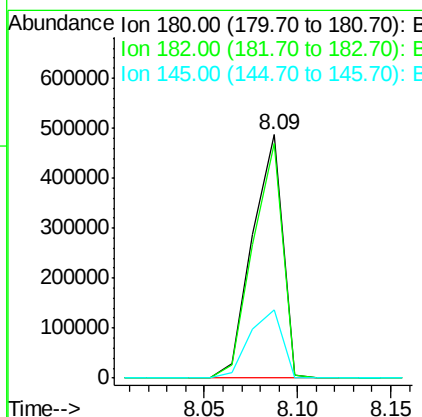
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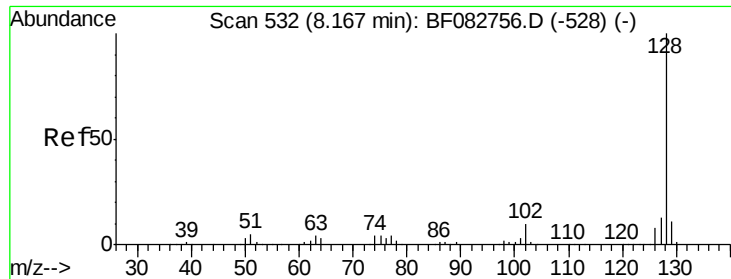
Mmdadoda
11/9/2015 2:10:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	554573		
182	96.3	74.9	112.3	
145	28.3	27.8	41.8	





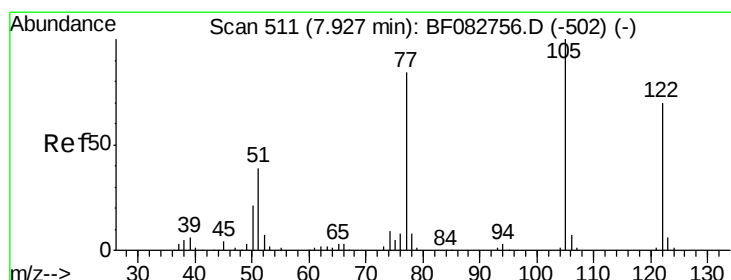
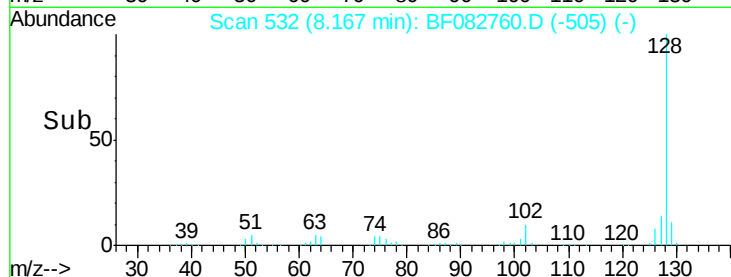
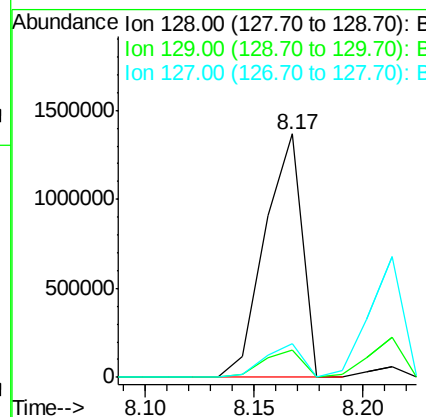
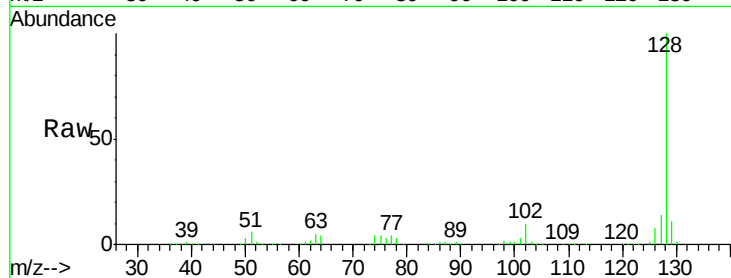
#31
Naphthalene
Concen: 36.74 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.9	11.4	17.0

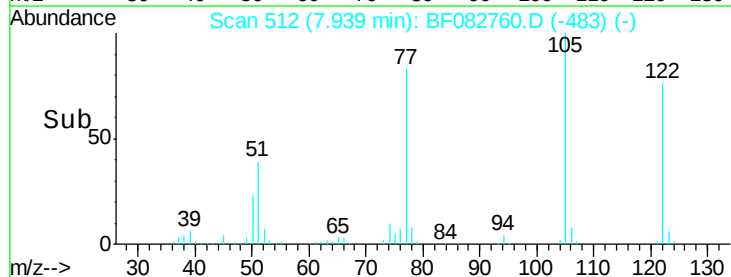
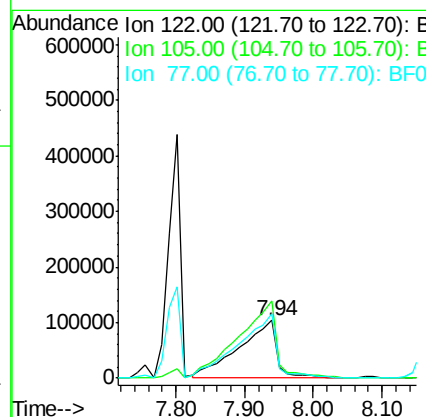
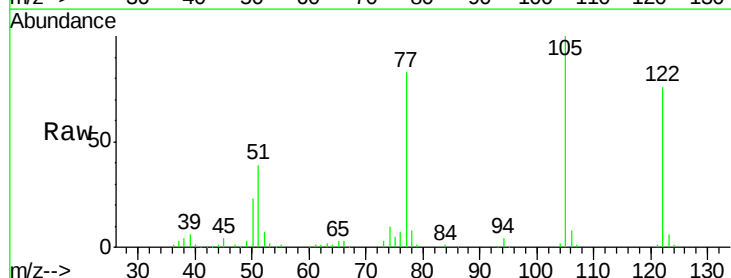
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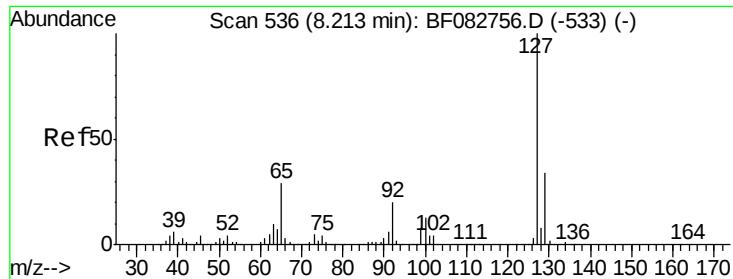
Mmdadoda
11/9/2015 2:10:12 PM



#32
Benzoic acid
Concen: 39.89 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.03 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	122.6	162.6
77	110.3	100.9	140.9





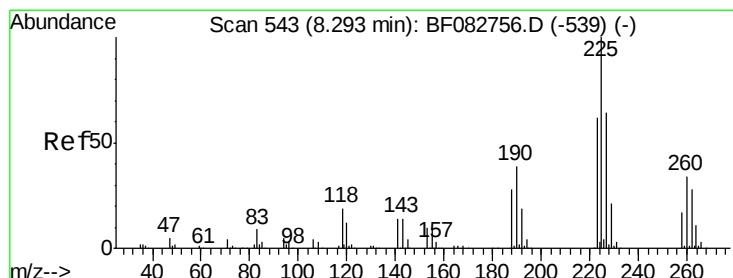
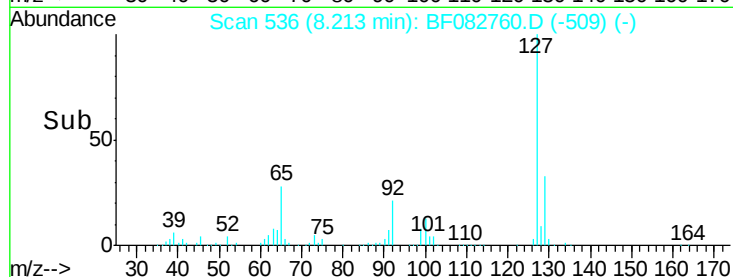
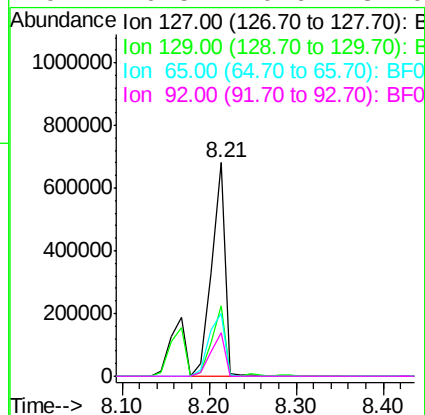
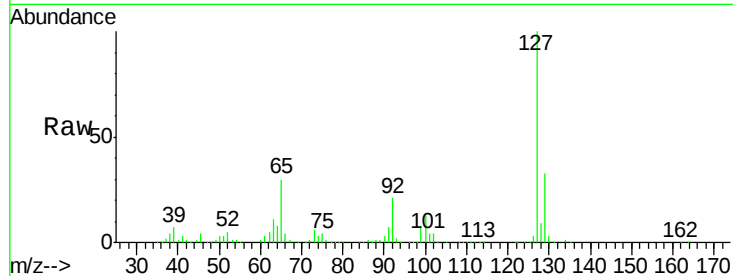
#33
4-Chloroaniline
Concen: 38.04 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	29.6	37.8	56.8		
92	20.5	20.6	31.0		

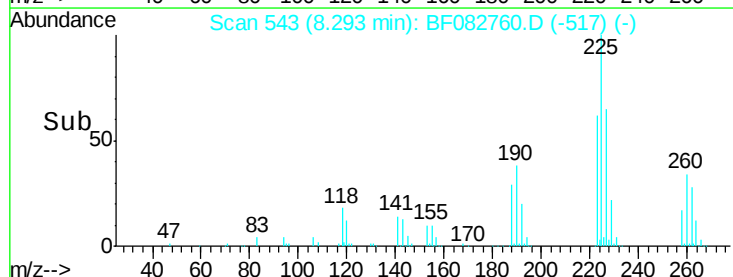
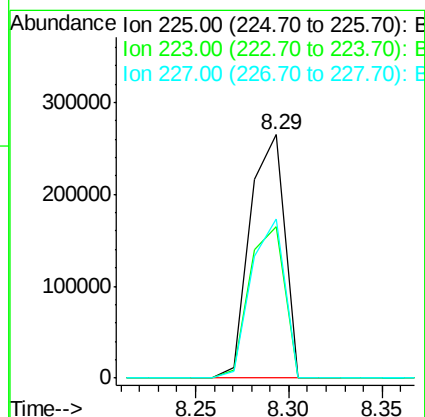
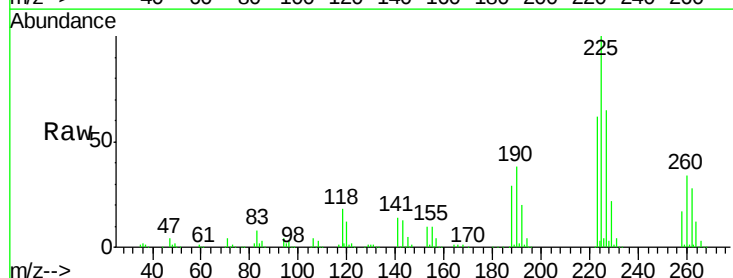
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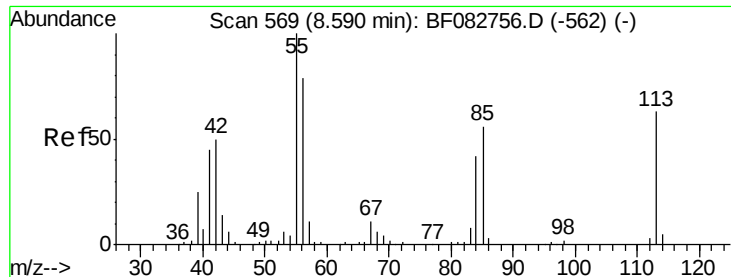
Mmdadoda
11/9/2015 2:10:12 PM



#34
Hexachlorobutadiene
Concen: 37.25 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.5	75.7		
227	65.4	50.2	75.2		





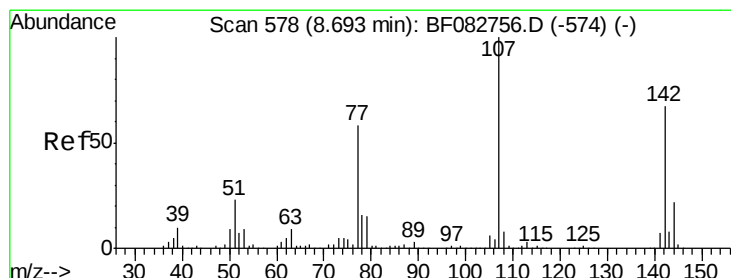
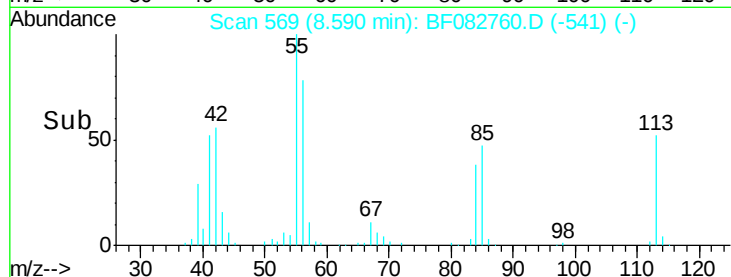
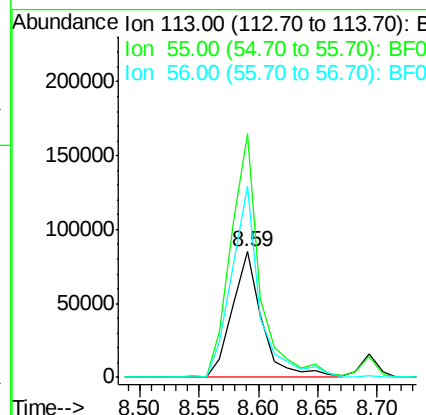
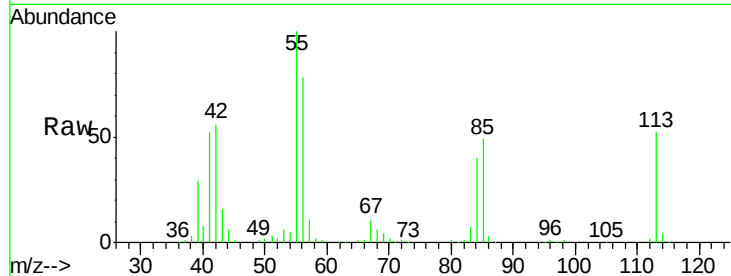
#35
 Caprolactam
 Concen: 36.53 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.5	195.5	235.5#
56	151.6	153.5	193.5#

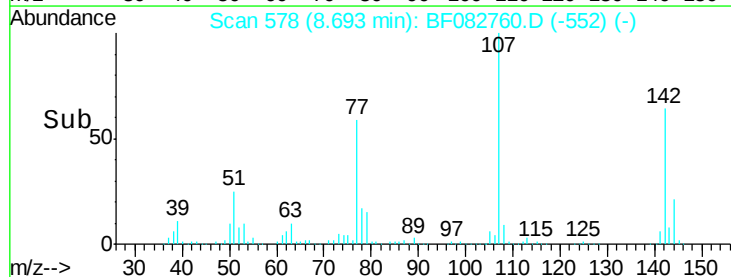
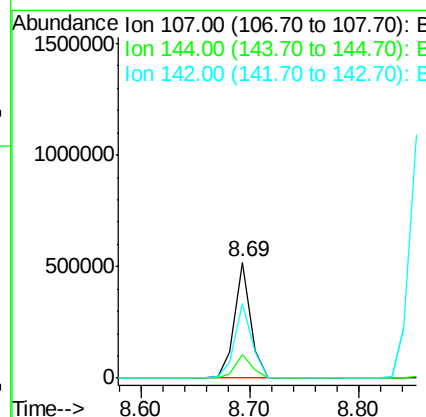
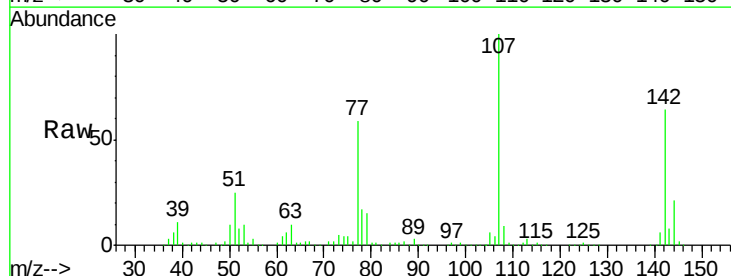
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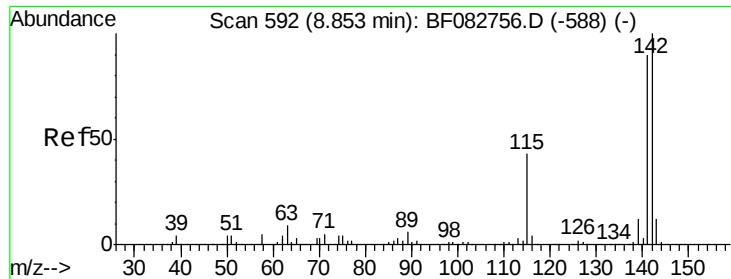
Mmdadoda
 11/9/2015 2:10:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.72 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.8	15.4	23.0
142	64.3	47.8	71.8





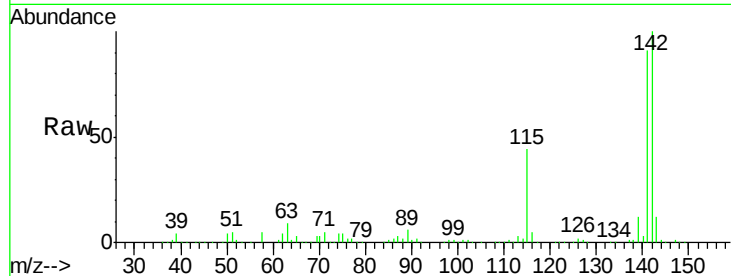
#37
2-Methylnaphthalene
Concen: 35.09 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
115	44.1	38.1	57.1

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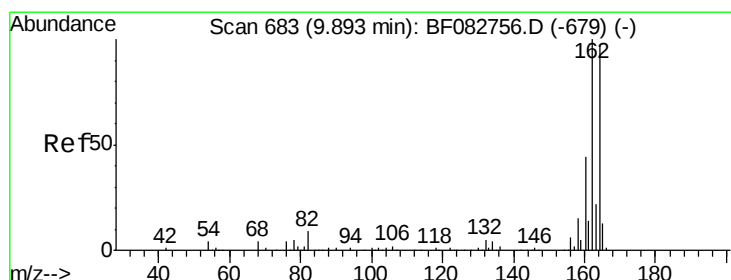
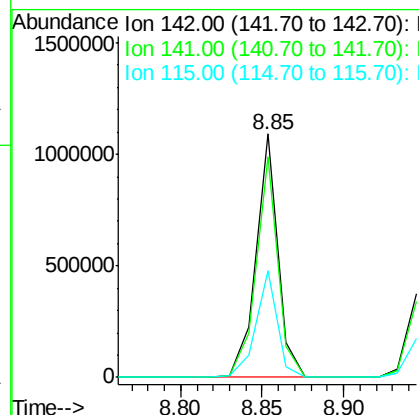
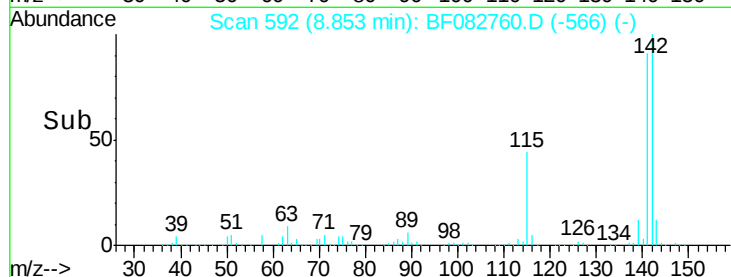


Abundance

Ion 142.00 (141.70 to 142.70): E

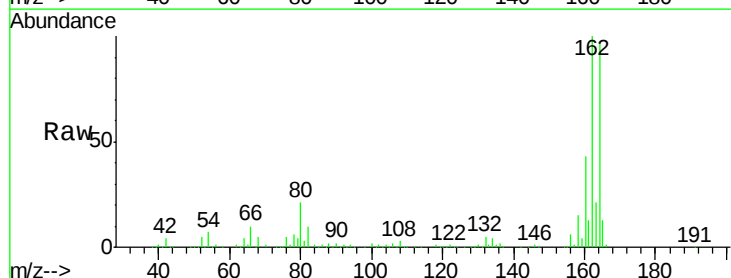
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.9	127.3
160	44.6	37.5	56.3

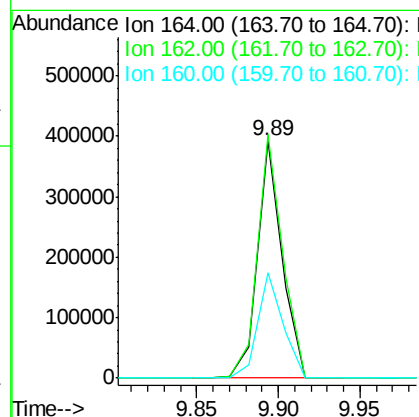
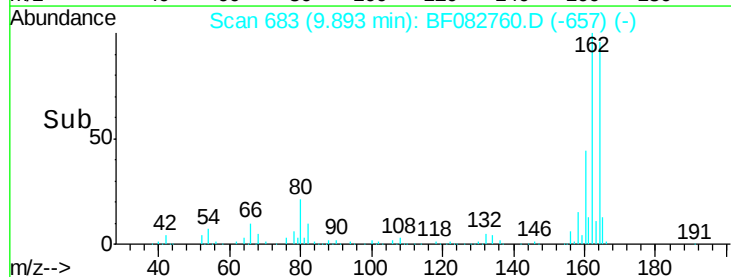


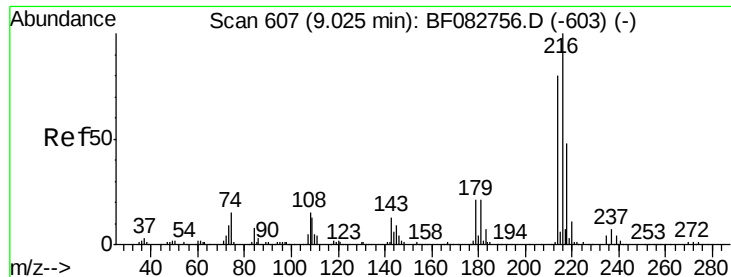
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.36 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

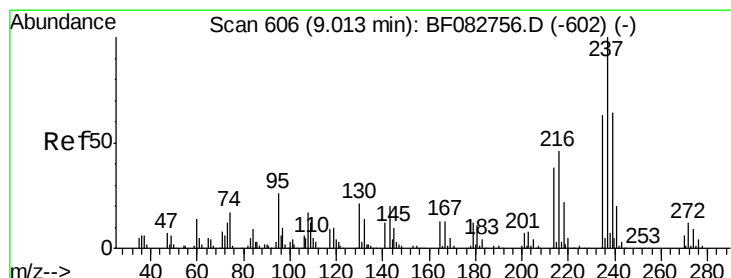
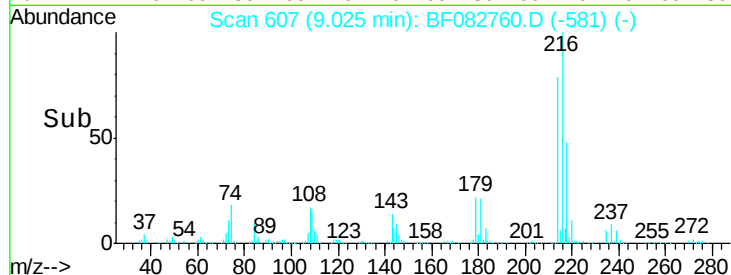
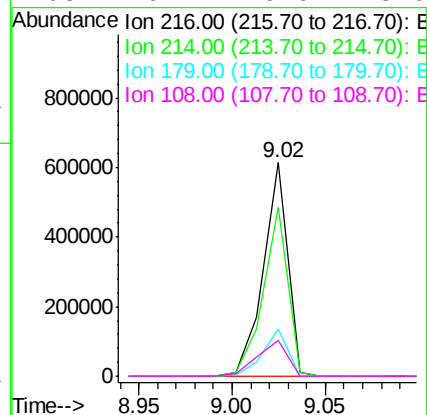
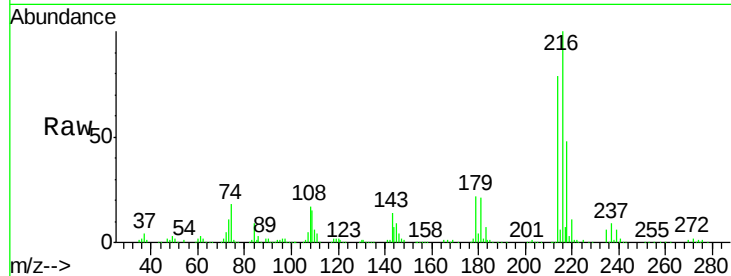
ClientSampleId :

ICVBF110715

Tot Ion:	216	Resp:	554004
Ion Ratio		Lower	Upper
216	100		
214	79.7	62.2	93.2
179	22.8	18.1	27.1
108	20.7	16.6	25.0

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#40

Hexachlorocyclopentadiene

Concen: 42.00 ng

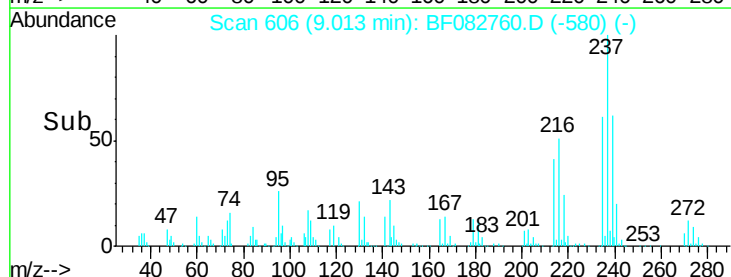
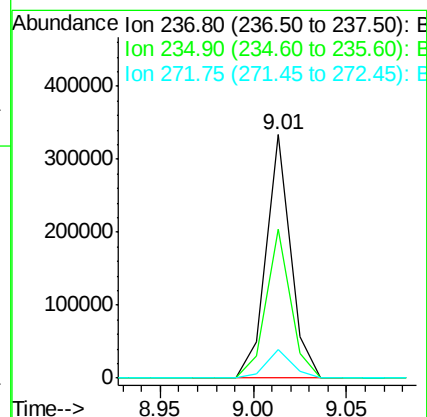
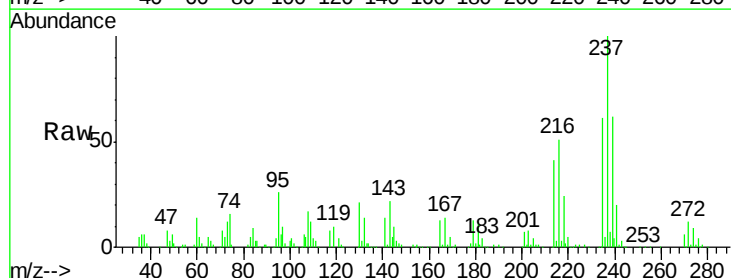
RT: 9.01 min Scan# 606

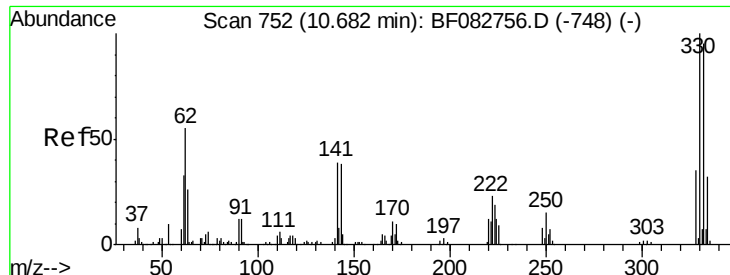
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	237	Resp:	302228
Ion Ratio		Lower	Upper
237	100		
235	61.3	44.3	84.3
272	11.7	0.0	31.9





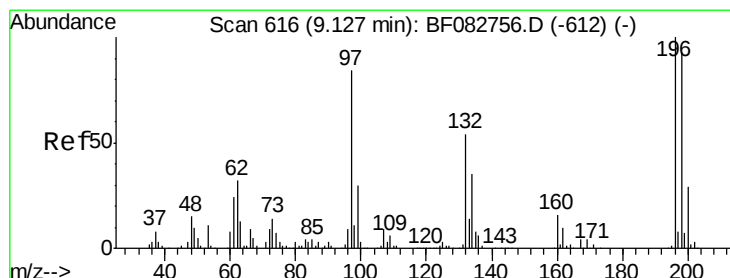
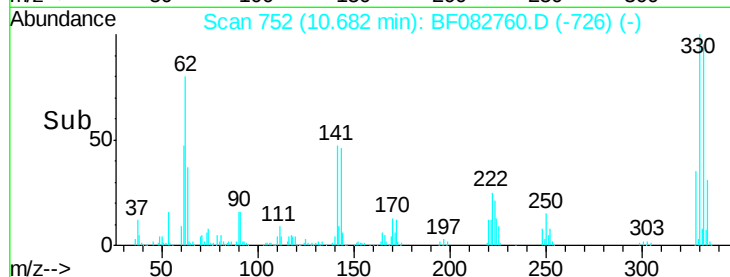
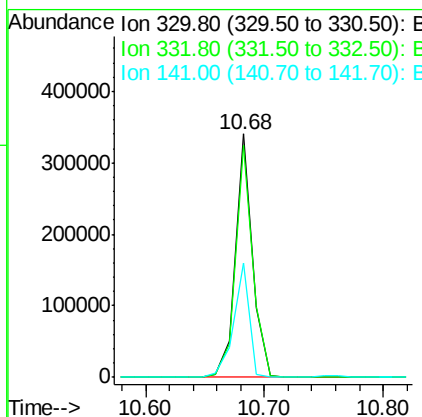
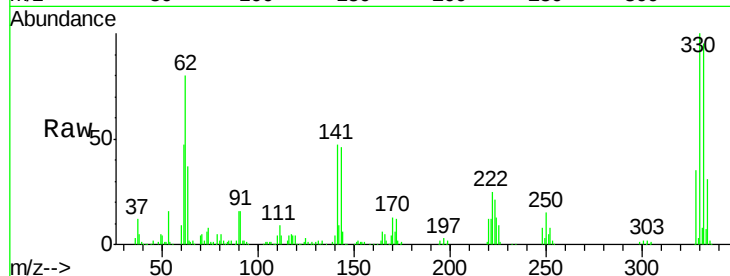
#41
 2,4,6-Tribromophenol
 Concen: 72.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Resp	Lower	Upper
330	100	340634		
332	96.6	76.6	114.8	
141	43.0	41.2	61.8	

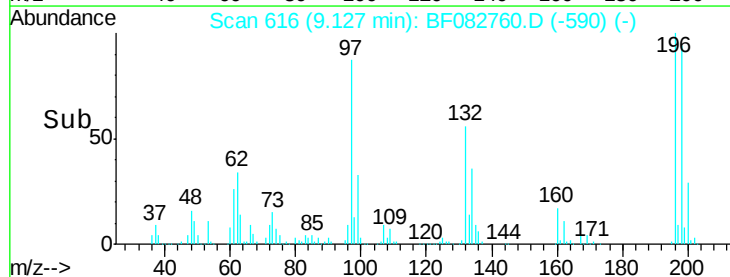
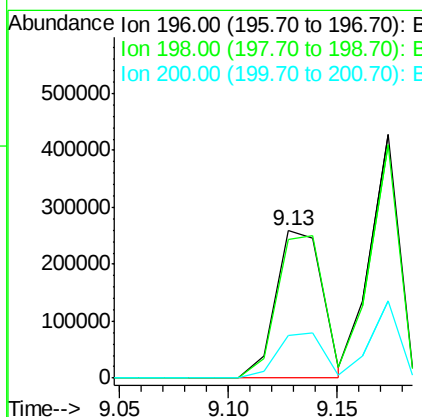
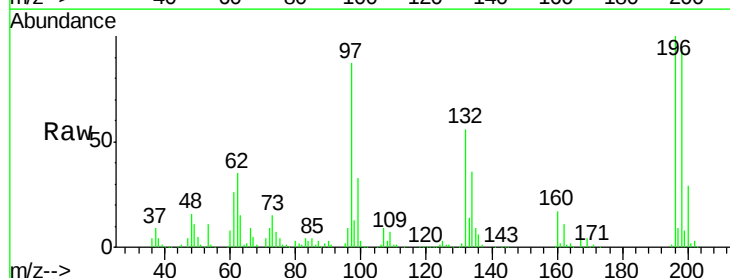
Manual Integrations
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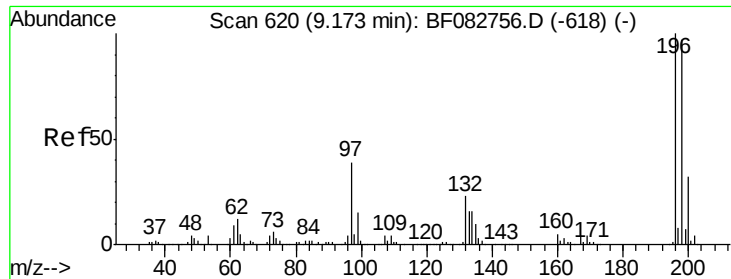
Mmdadoda
 11/9/2015 2:10:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	386181		
198	93.6	76.3	114.5	
200	29.3	23.9	35.9	





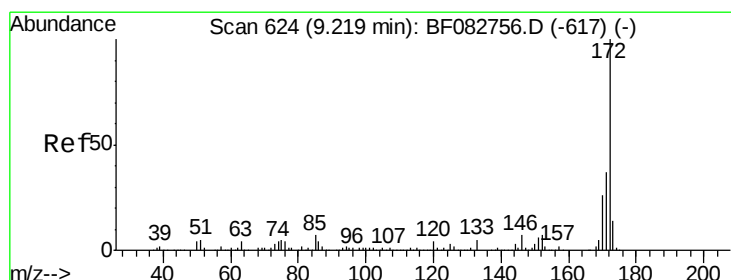
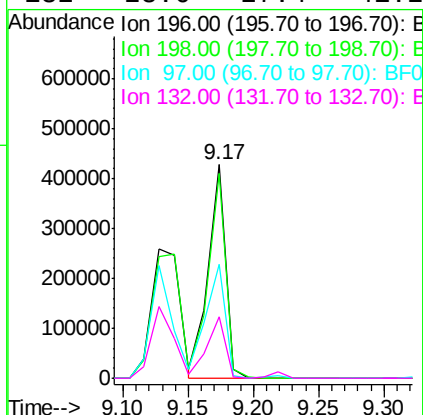
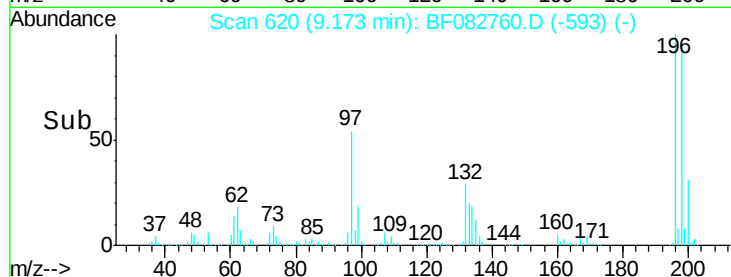
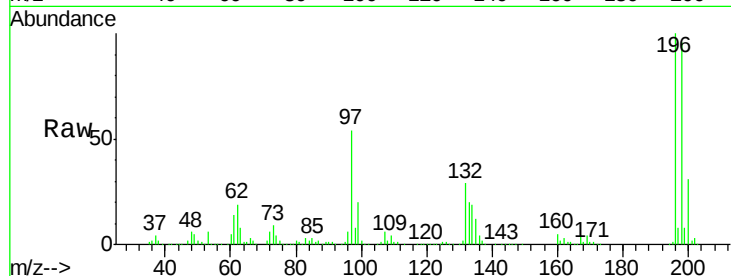
#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		400861		
198	96.1	75.8	113.8		
97	53.6	62.3	93.5		
132	28.6	27.4	41.2		

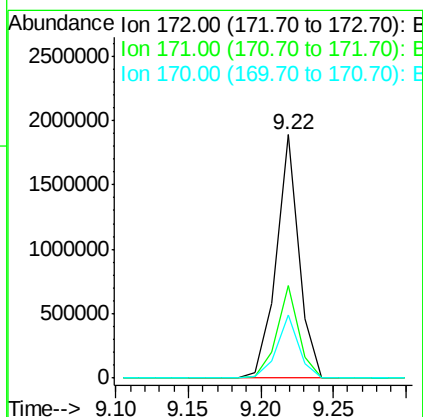
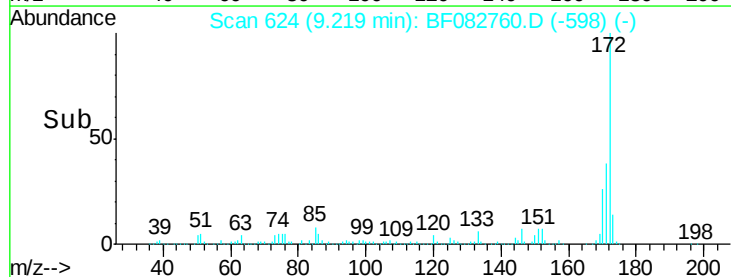
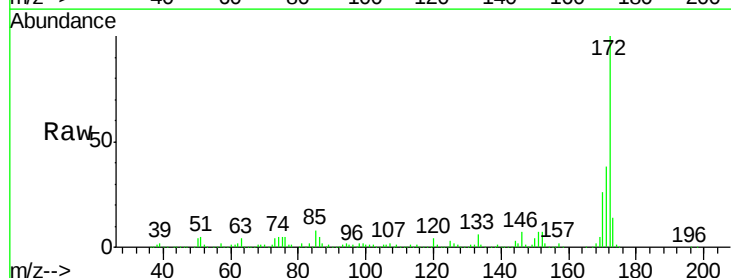
Manual Integrations
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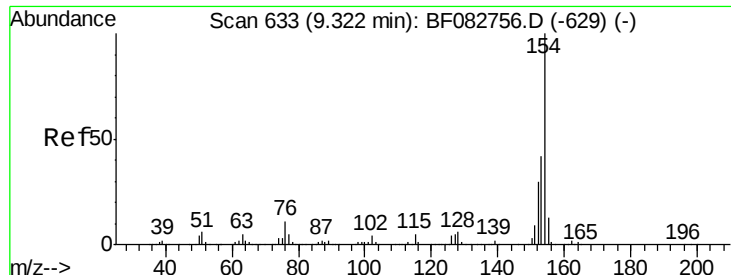
Mmdadoda
 11/9/2015 2:10:12 PM



#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2038081		
171	38.0	30.8	46.2		
170	25.9	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 40.62 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion:154 Resp: 1420625

Ion Ratio Lower Upper

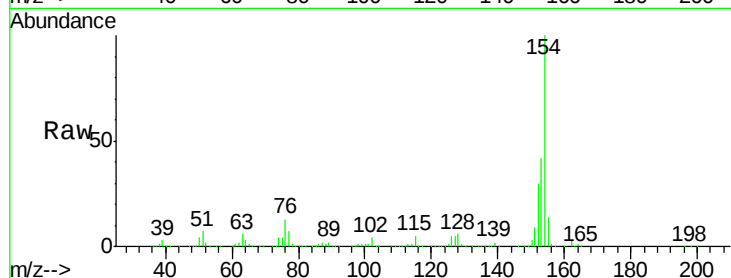
154 100

153 42.2 22.0 62.0

76 12.5 0.0 29.0

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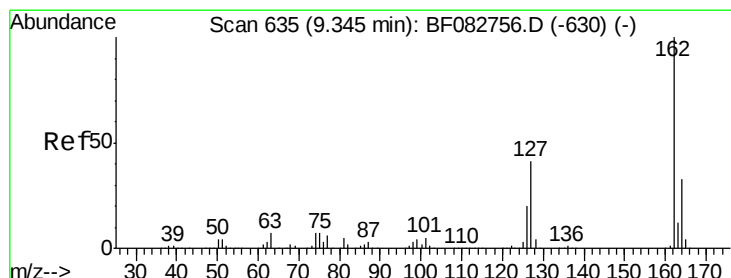
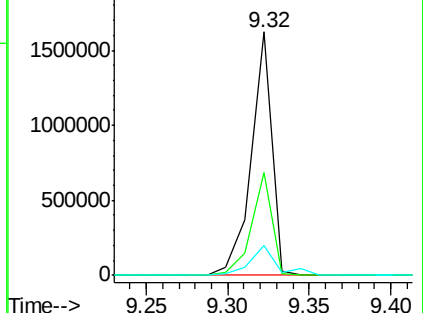
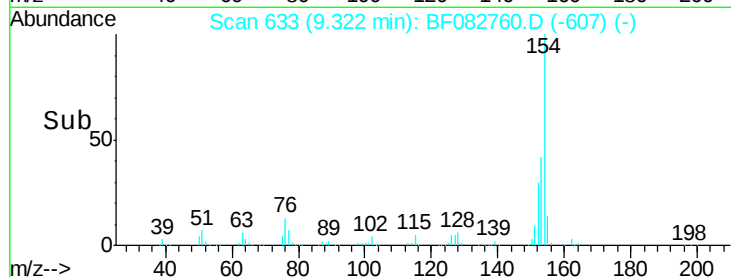
Mmdadoda
11/9/2015 2:10:12 PM



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



#46

2-Chloronaphthalene

Concen: 40.46 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

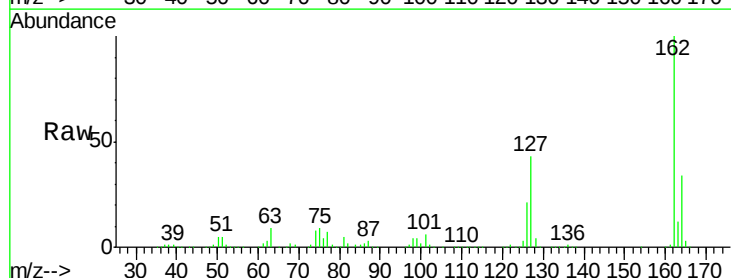
Tgt Ion:162 Resp: 1104006

Ion Ratio Lower Upper

162 100

127 43.3 32.7 49.1

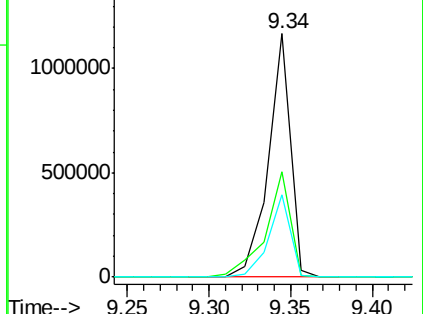
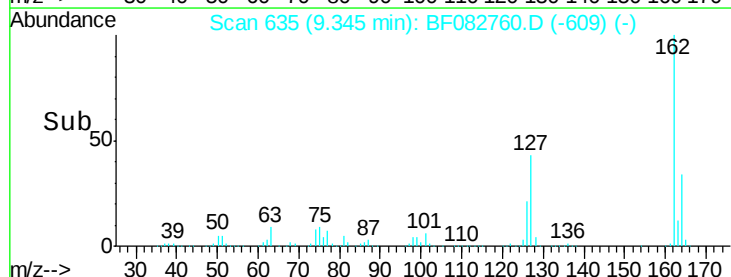
164 33.8 27.4 41.0

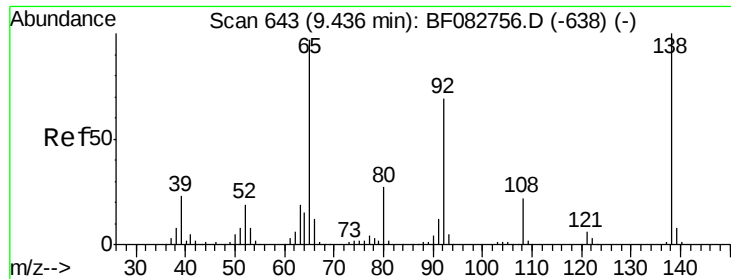


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





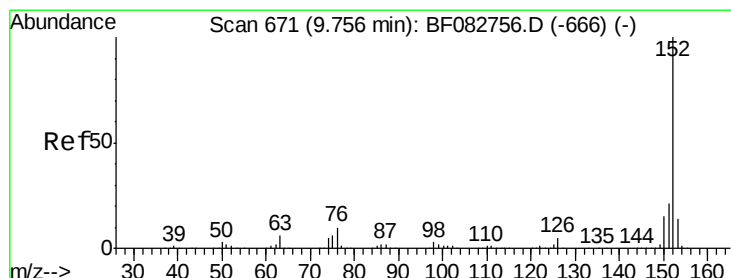
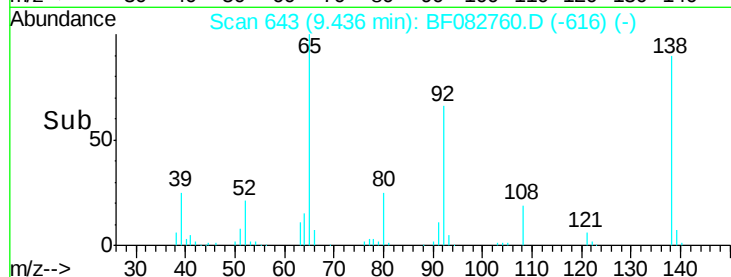
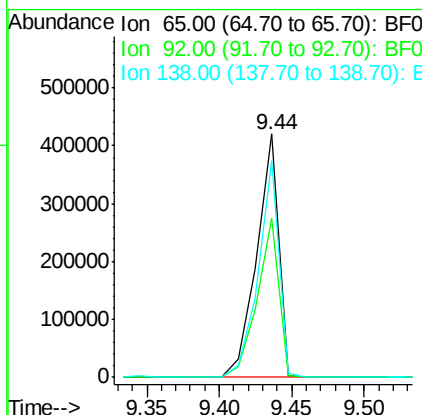
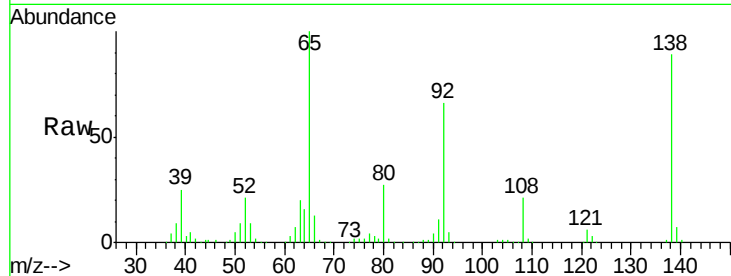
#47
2-Nitroaniline
Concen: 43.53 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	46.6	70.0
138	89.2	54.6	81.8

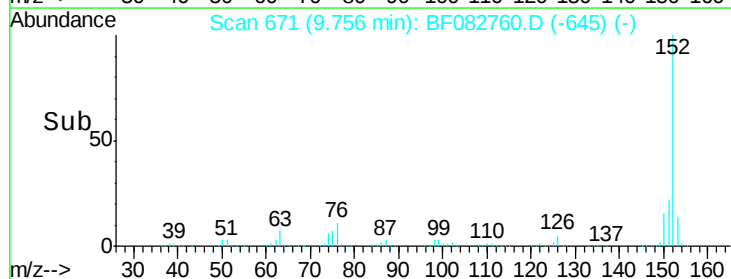
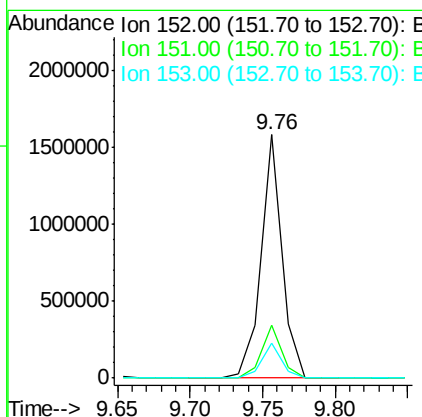
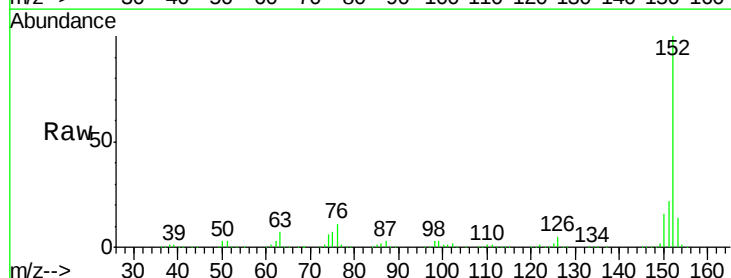
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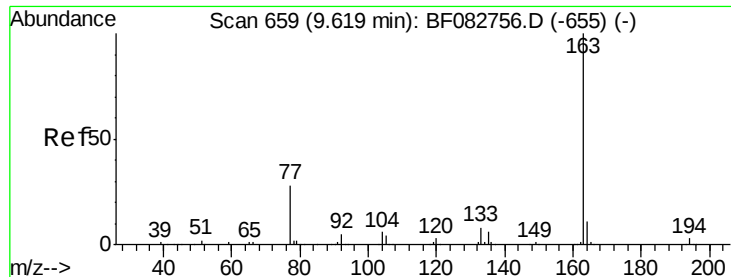
Mmdadoda
11/9/2015 2:10:12 PM



#48
Acenaphthylene
Concen: 37.06 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9
153	14.3	11.3	16.9





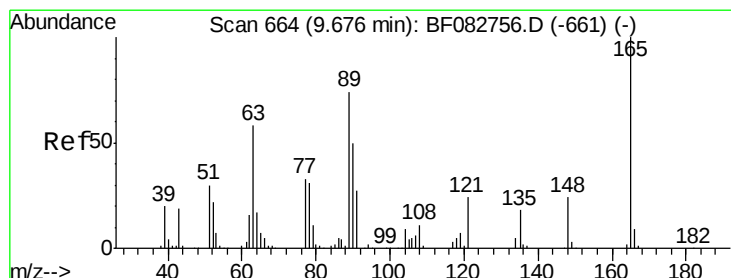
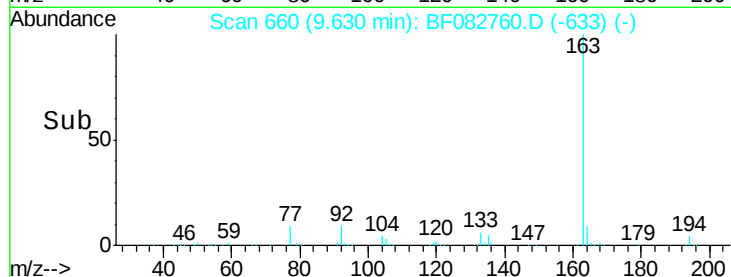
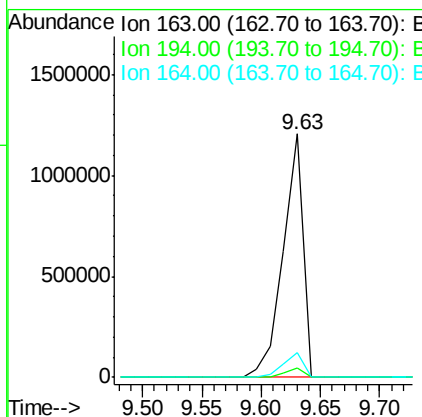
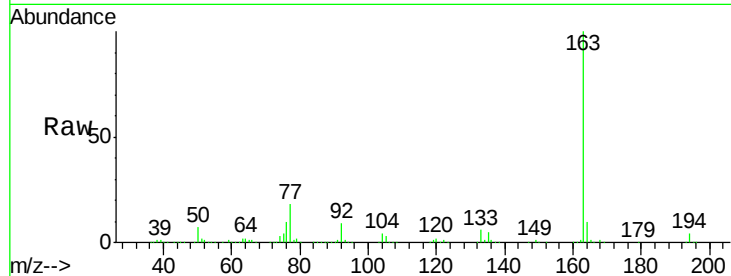
#49
Dimethylphthalate
Concen: 41.83 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.4	8.7	13.1

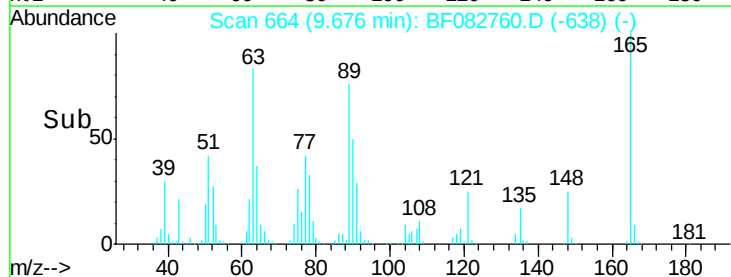
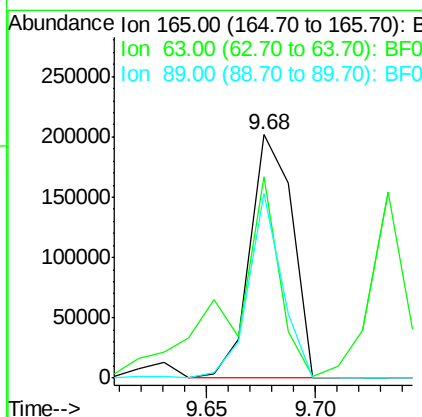
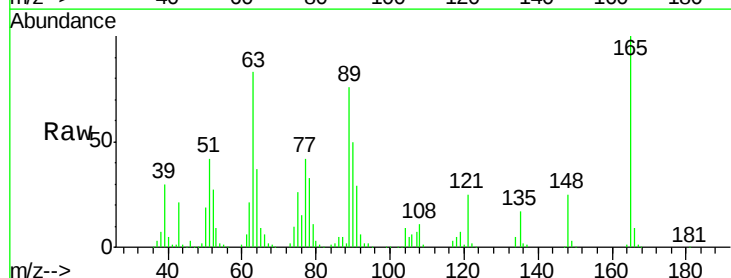
Manual Integrations
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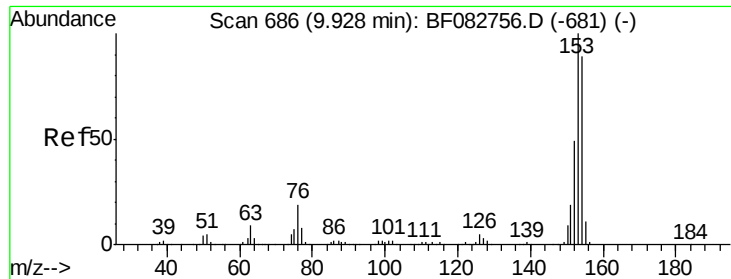
Mmdadoda
11/9/2015 2:10:12 PM



#50
2,6-Dinitrotoluene
Concen: 38.45 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.6	55.5	83.3
89	76.0	55.0	82.6





#51

Acenaphthene

Concen: 37.18 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion:154 Resp: 1007668

Ion Ratio Lower Upper

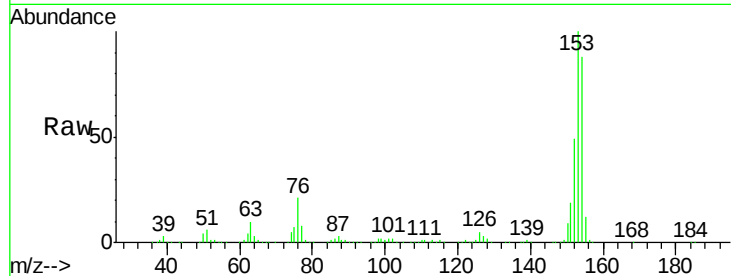
154 100

153 113.2 90.1 135.1

152 55.0 44.3 66.5

Manual Integrations
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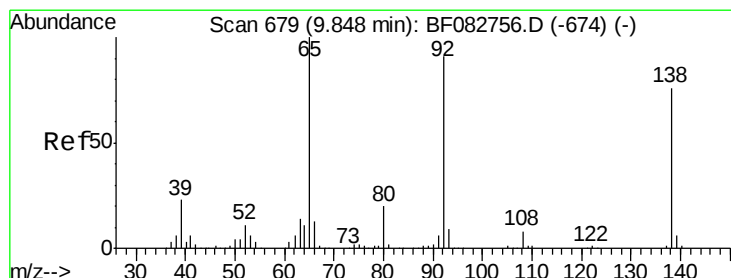
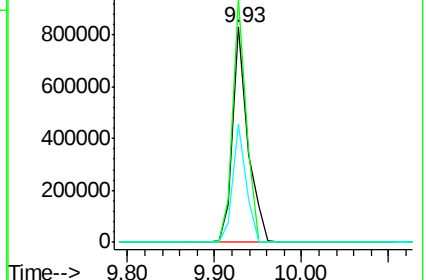
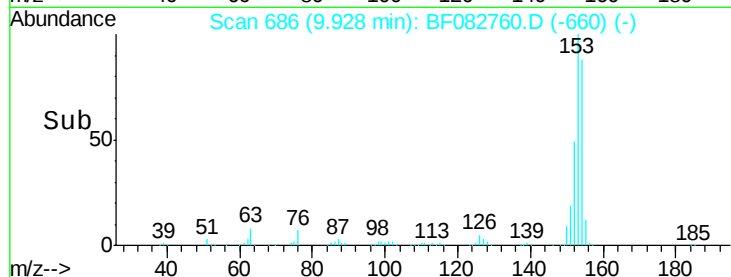
Mmdadoda
11/9/2015 2:10:12 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.54 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

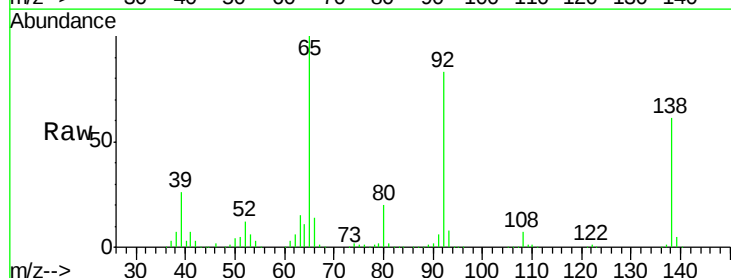
Tgt Ion:138 Resp: 302030

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9

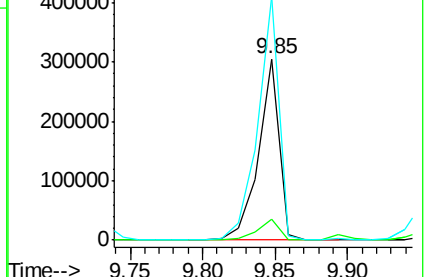
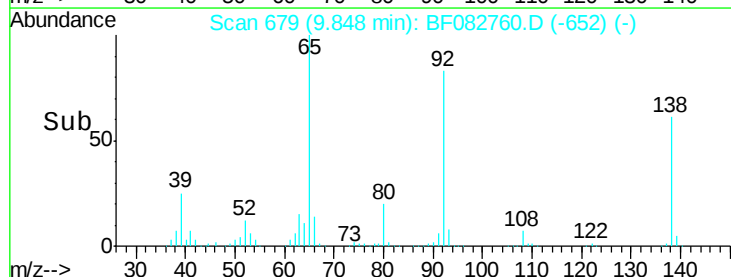
92 134.5 122.4 183.6

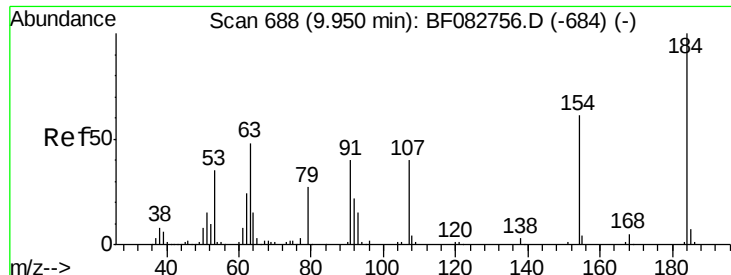


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





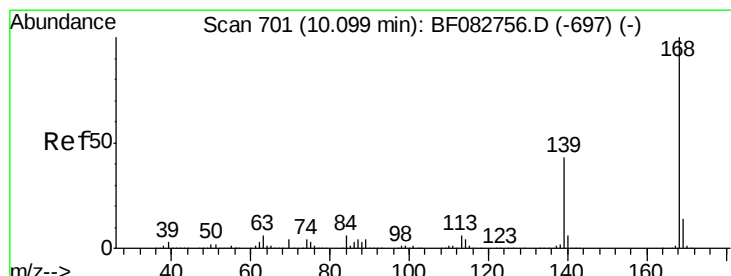
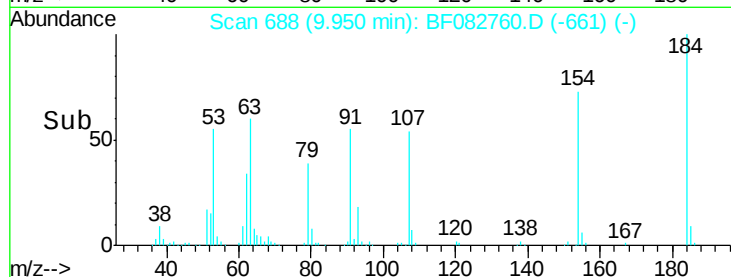
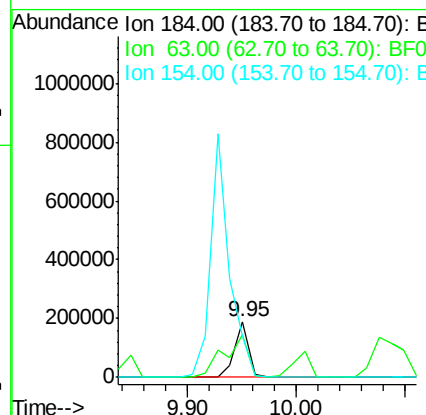
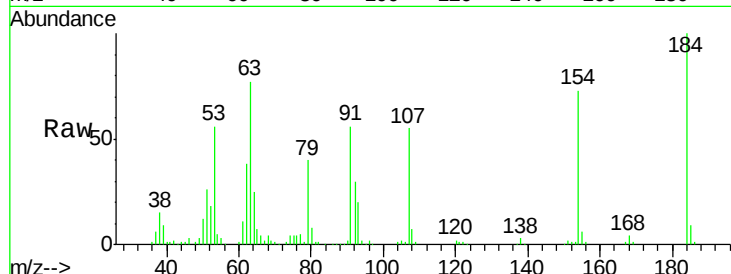
#53
 2,4-Dinitrophenol
 Concen: 43.70 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Resp	Lower	Upper
184	100	170986		
63	76.9	98.6	148.0#	
154	72.9	183.9	275.9#	

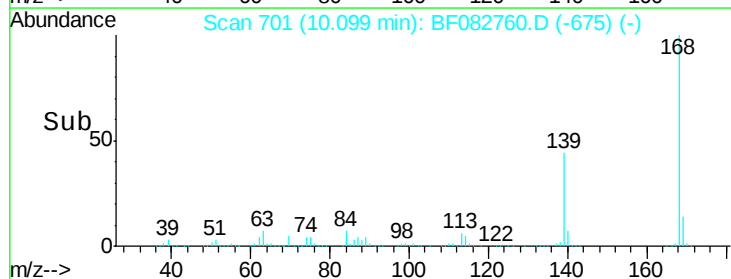
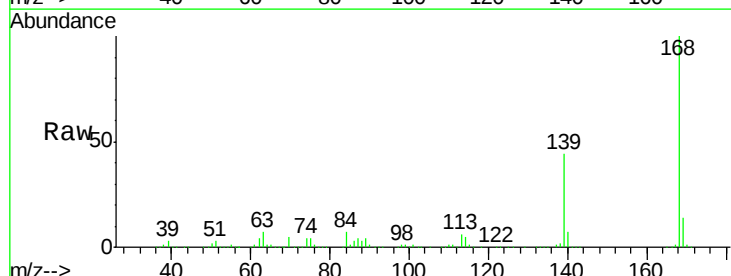
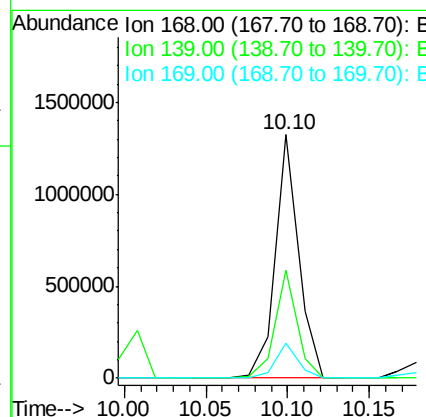
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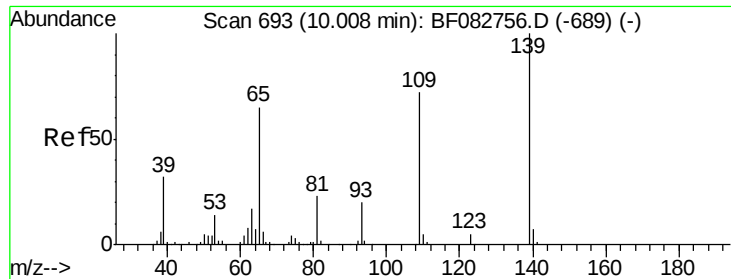
Mmdadoda
 11/9/2015 2:10:12 PM



#54
 Dibenzofuran
 Concen: 36.22 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1323287		
139	44.2	37.8	56.6	
169	14.2	11.3	16.9	





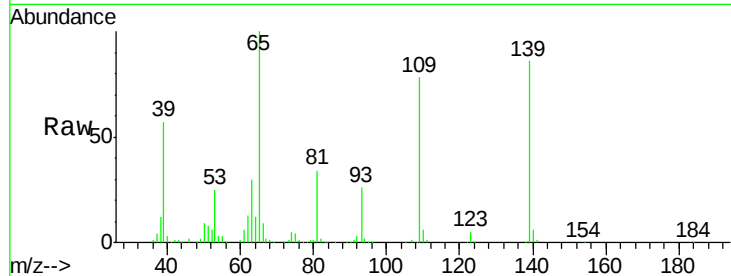
#55
4-Nitrophenol
Concen: 43.58 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Resp	Lower	Upper
139	100	261994		
109	90.1	73.7	113.7	
65	115.9	82.9	122.9	

Manual Integrations
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Mmdadoda
11/9/2015 2:10:12 PM

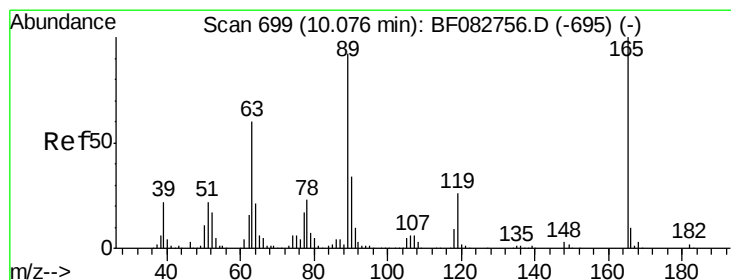
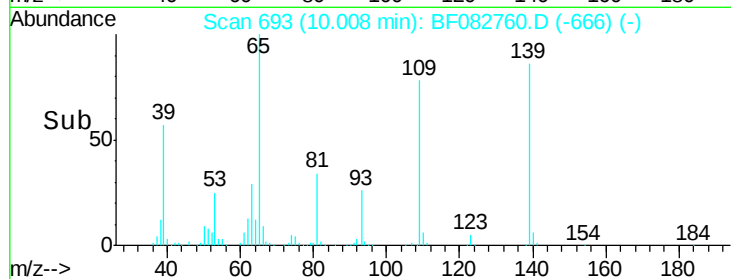
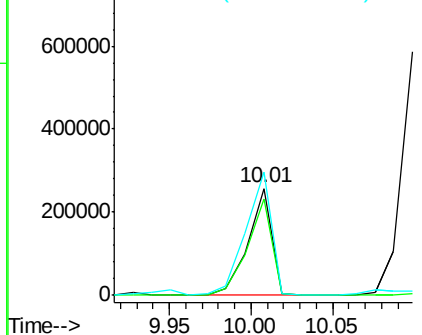


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	418778		
63	32.7	43.4	65.0#	
89	57.4	70.6	106.0#	
182	2.3	1.5	2.3#	

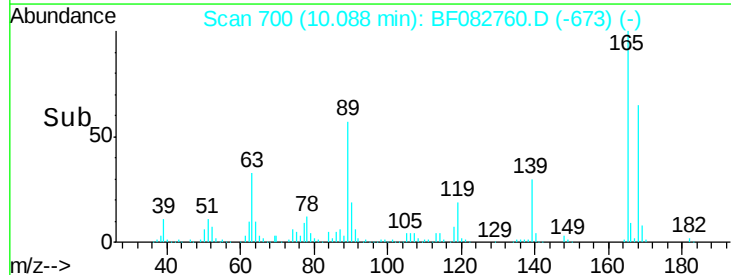
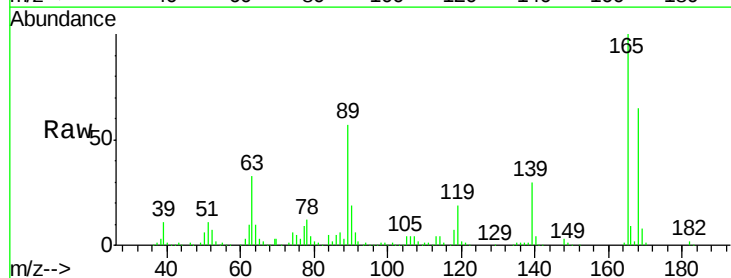
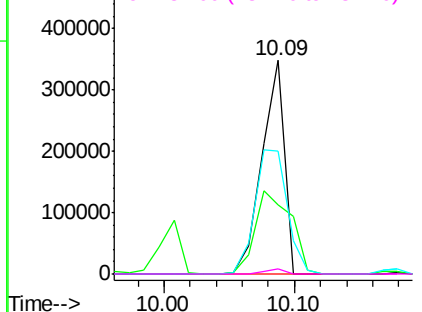
Abundance

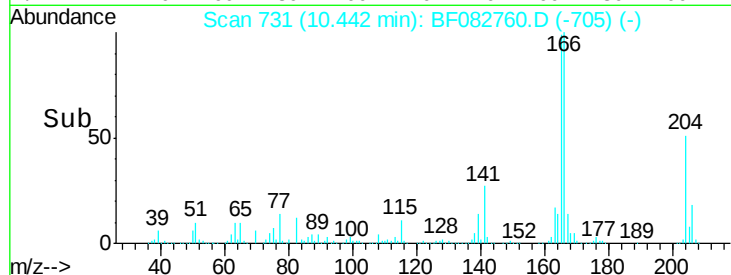
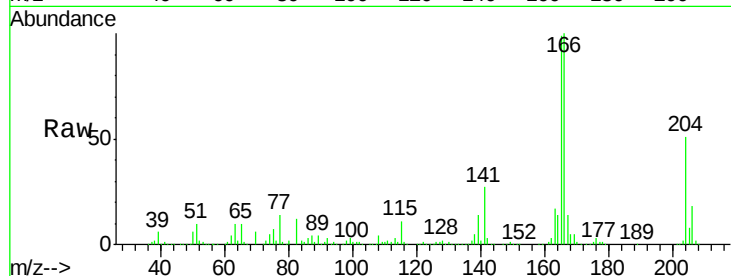
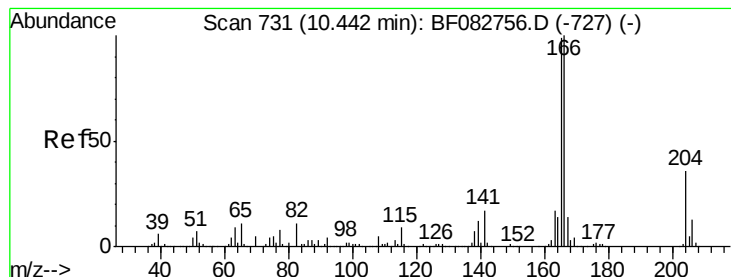
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.62 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tot Ion:166 Resp: 1083478

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

167 14.1 11.2 16.8

Instrument :

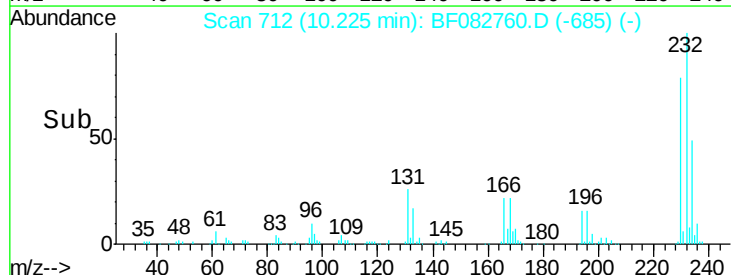
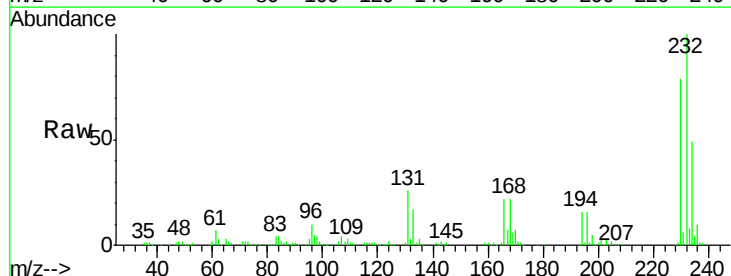
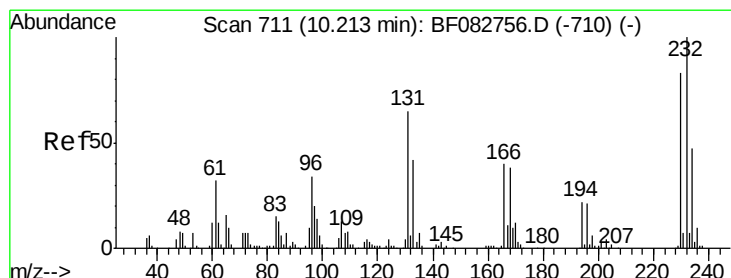
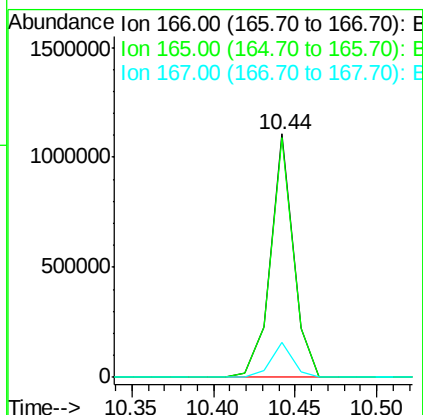
BNA_F

ClientSampleId :

ICVBF110715

Manual Integrations
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Mmdadoda
11/9/2015 2:10:12 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.16 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:232 Resp: 316036

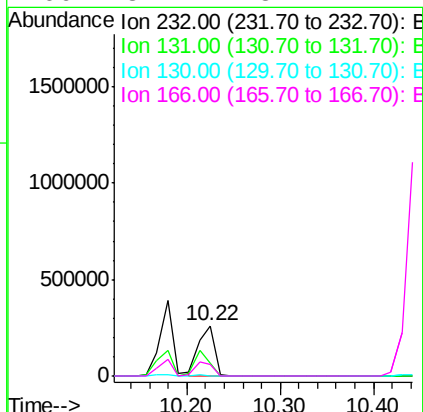
Ion Ratio Lower Upper

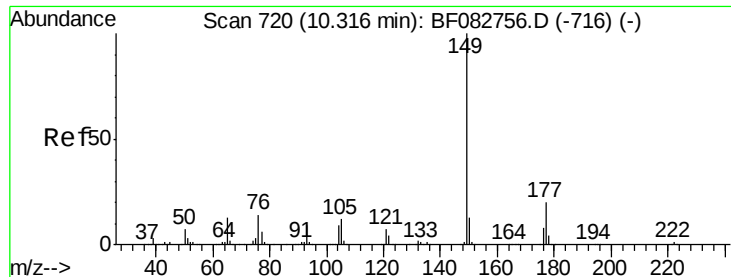
232 100

131 46.5 46.2 69.2

130 2.3 2.4 3.6#

166 31.2 28.2 42.2





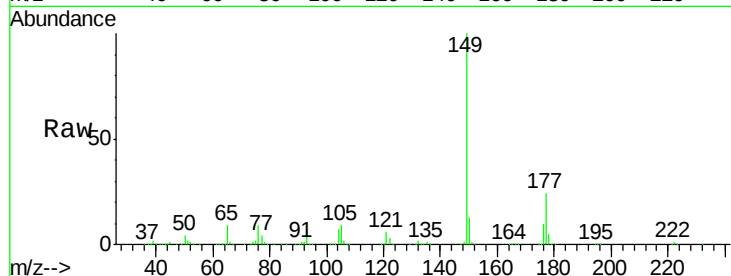
#59
Diethylphthalate
Concen: 41.78 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

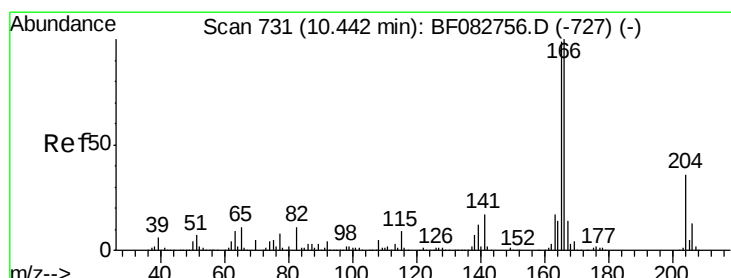
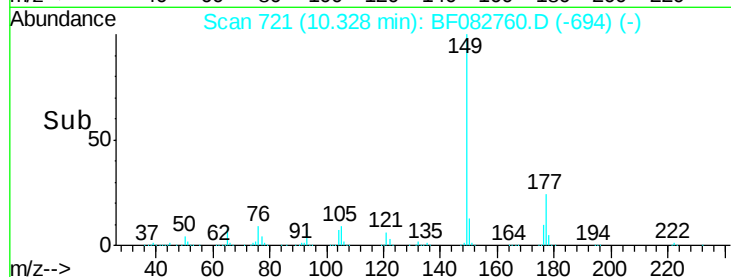
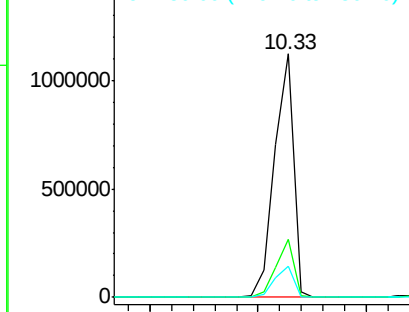
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.9	26.9
150	12.6	10.1	15.1

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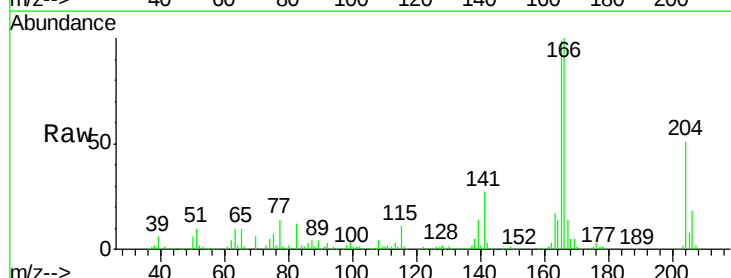


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

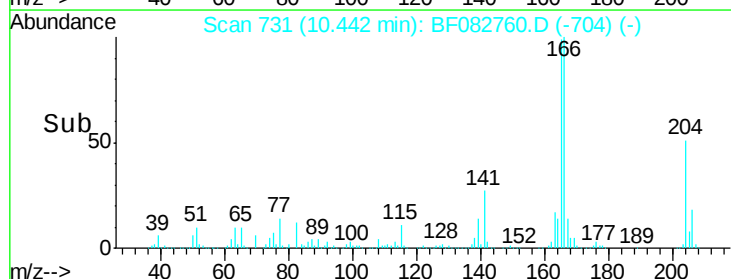
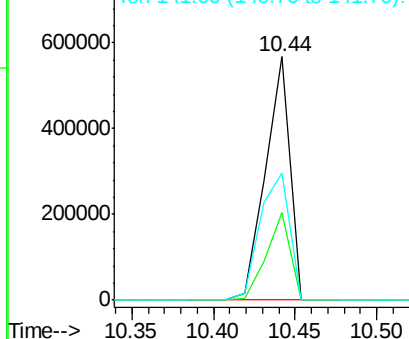


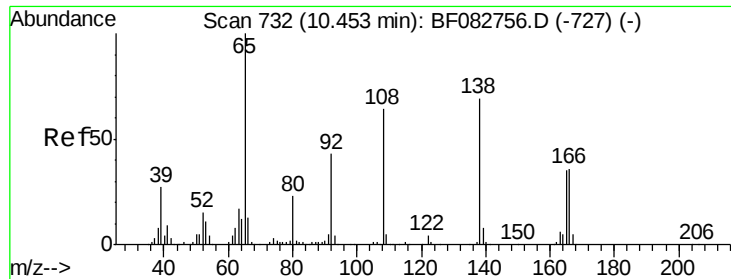
#60
4-Chlorophenyl-phenylether
Concen: 40.04 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	52.0	44.6	66.8



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





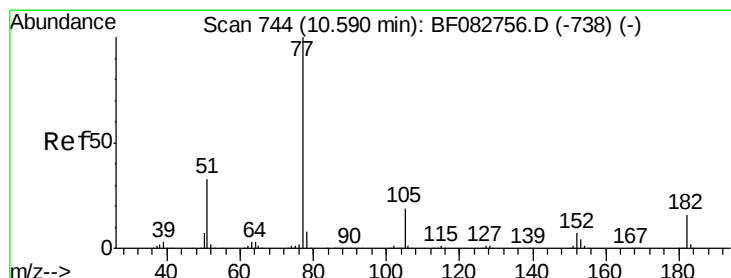
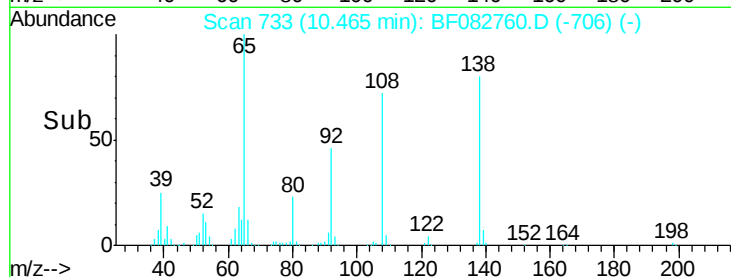
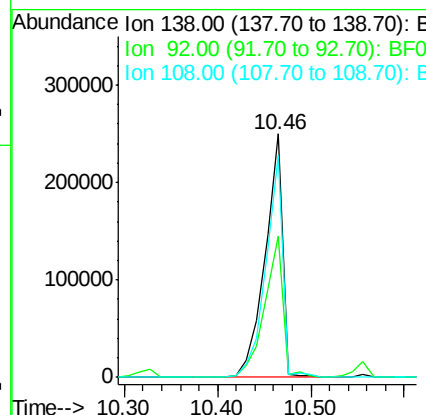
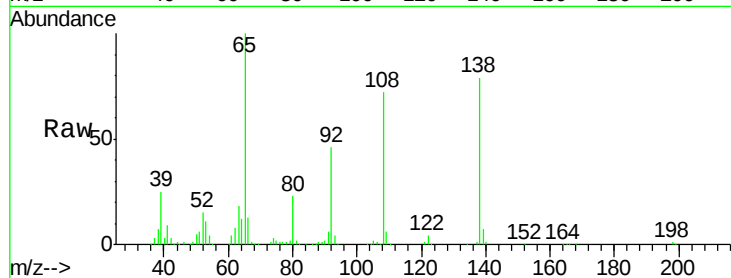
#61
4-Nitroaniline
Concen: 42.12 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.8	45.8	85.8
108	90.9	89.4	129.4

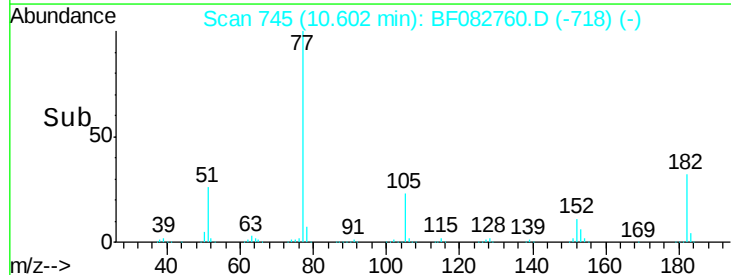
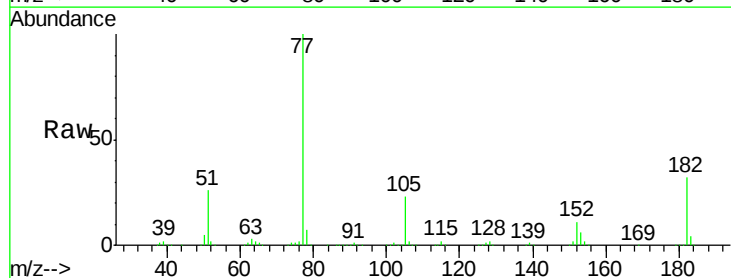
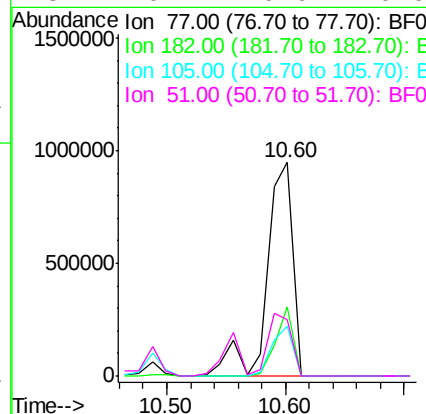
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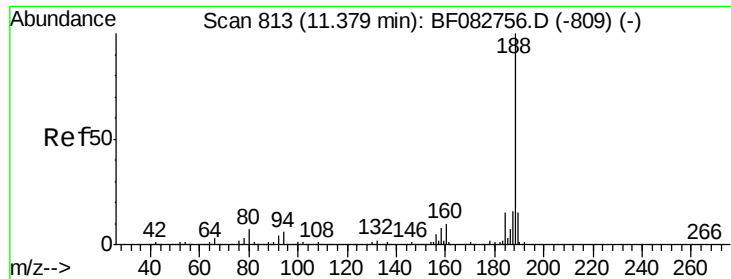
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#62
Azobenzene
Concen: 41.23 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	9.3	49.3
105	23.4	2.6	42.6
51	26.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

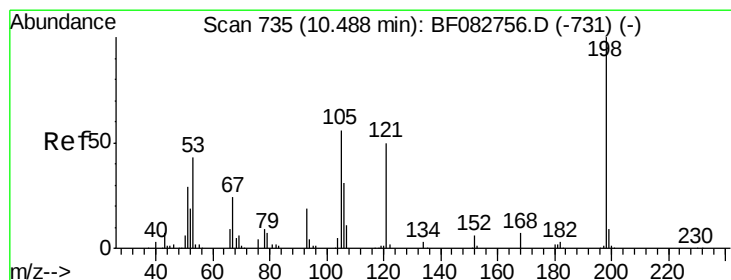
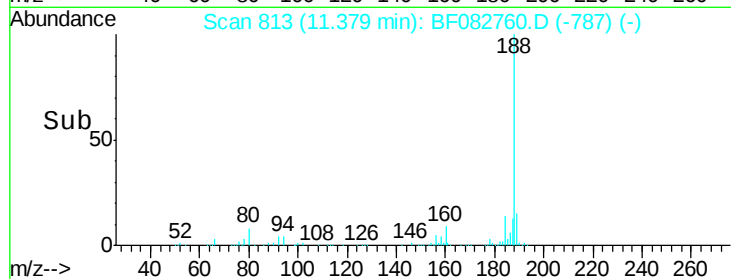
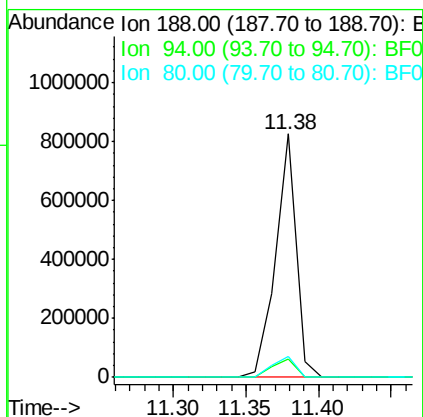
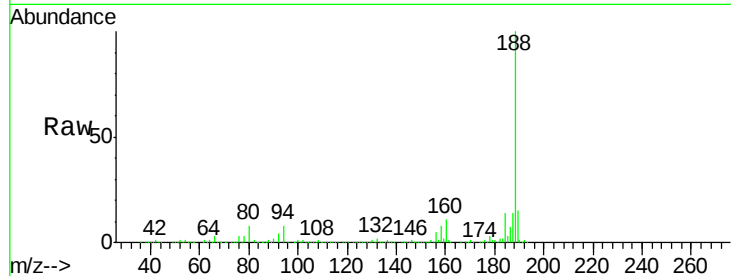
ClientSampleId :

ICVBF110715

Tot Ion:	188	Resp:	811602
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.1	9.1
80	8.4	7.0	10.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.32 ng

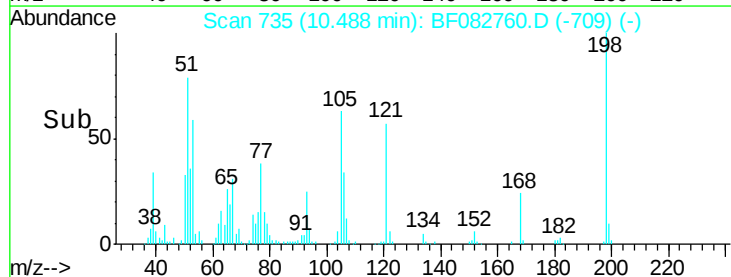
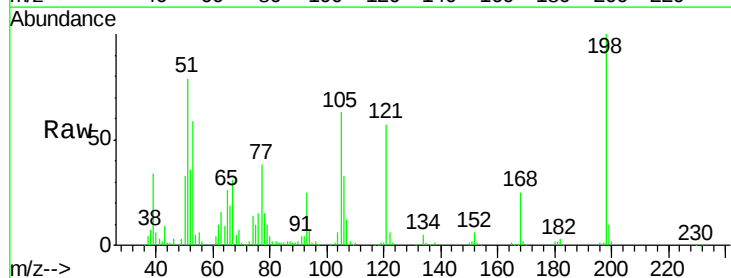
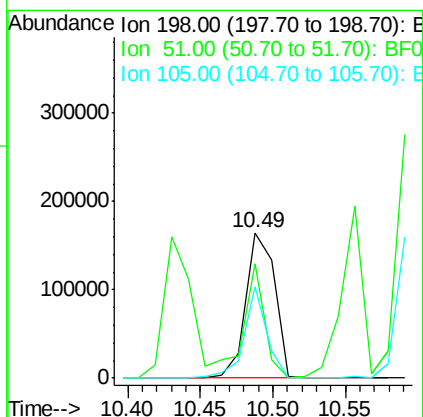
RT: 10.49 min Scan# 735

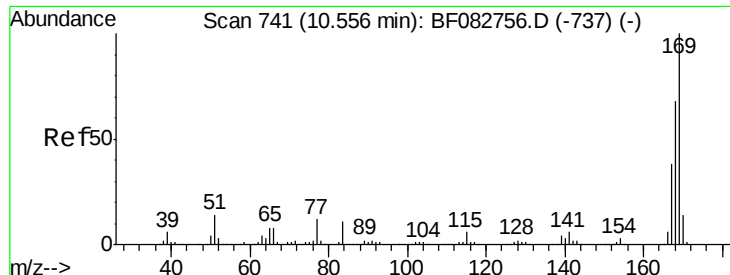
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:	198	Resp:	227352
Ion Ratio	Lower	Upper	
198	100		
51	79.1	17.3	57.3#
105	62.8	21.7	61.7#





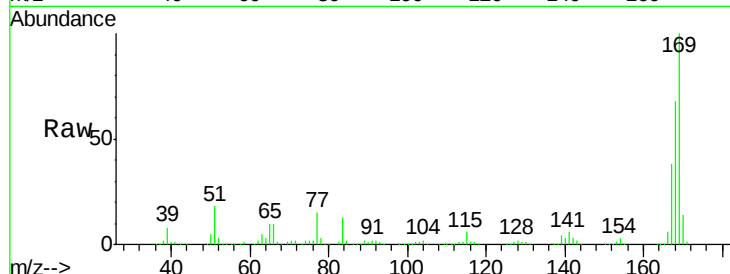
#65
n-Nitrosodiphenylamine
Concen: 34.66 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

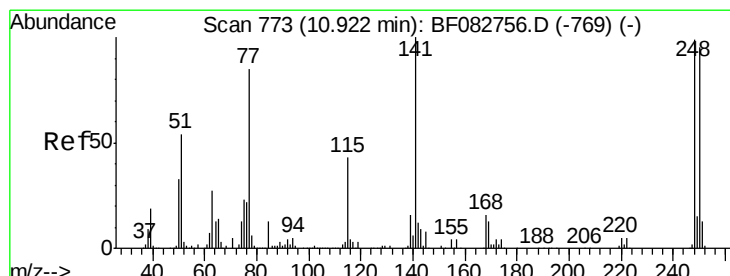
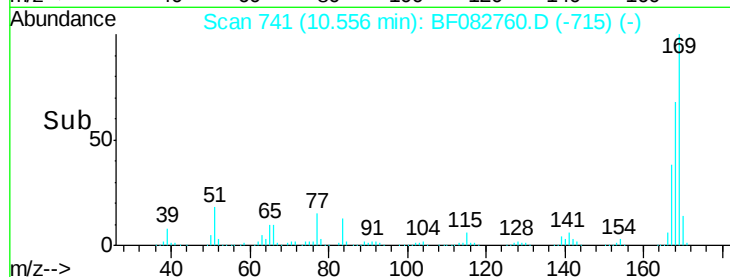
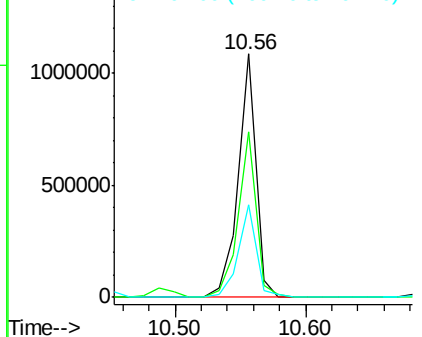
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.0	82.6
167	38.1	30.5	45.7

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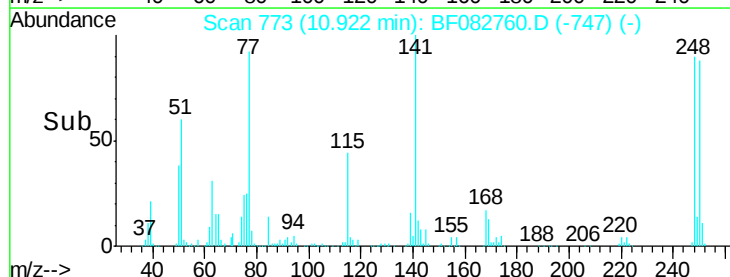
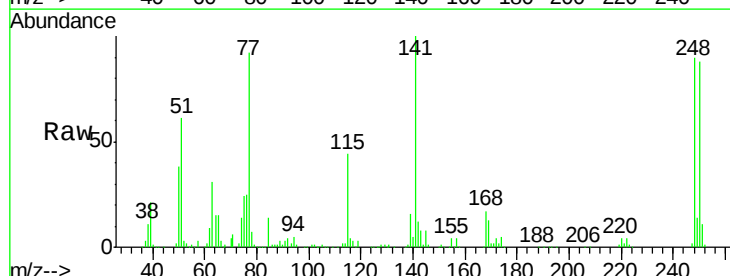
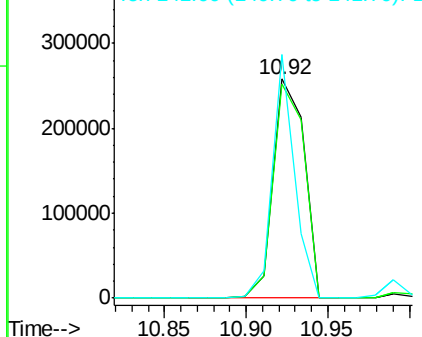
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

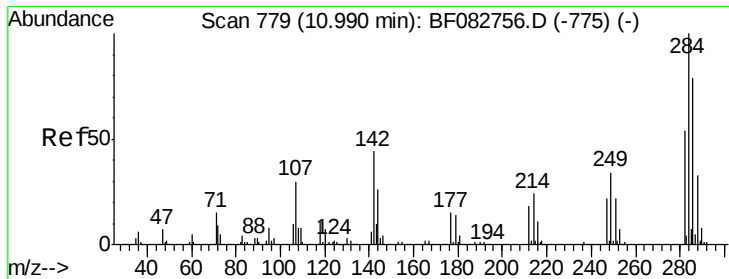


#66
4-Bromophenyl-phenylether
Concen: 35.06 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.4	119.2
141	111.3	36.3	54.5#

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





#67

Hexachlorobenzene

Concen: 35.08 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082760.D

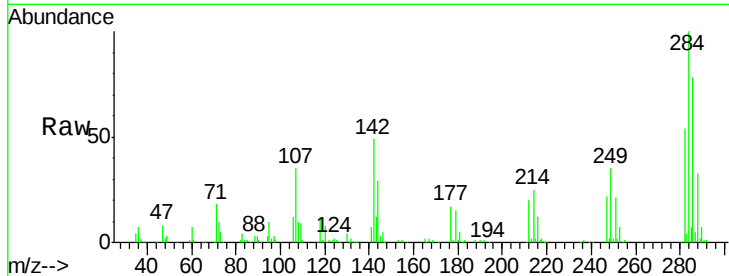
Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

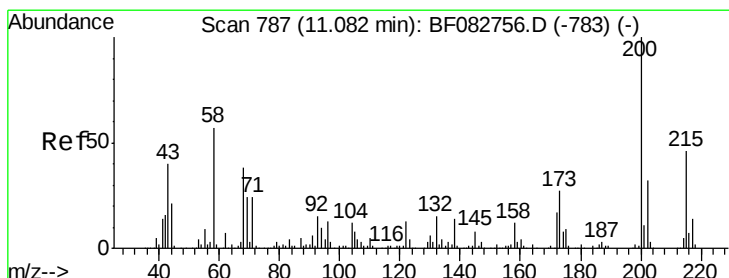
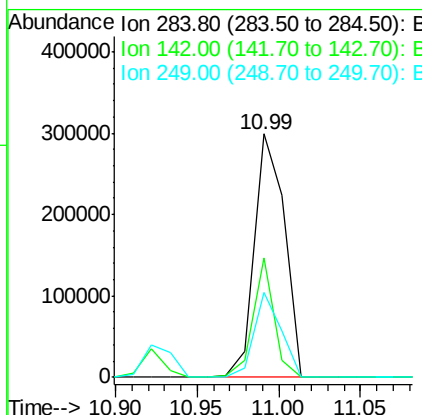
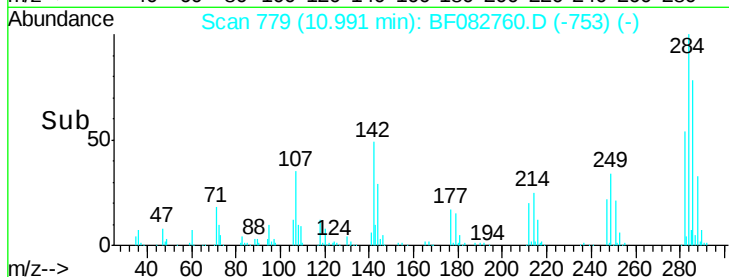
ICVBF110715



Tot Ion	Ratio	Resp	Lower	Upper
284	100	382824		
142	48.9		47.9	71.9
249	34.7		29.7	44.5

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#68

Atrazine

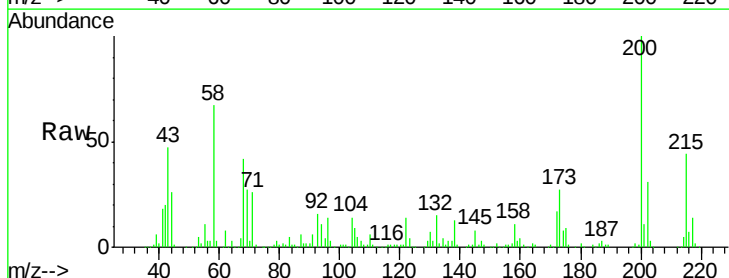
Concen: 32.85 ng

RT: 11.08 min Scan# 787

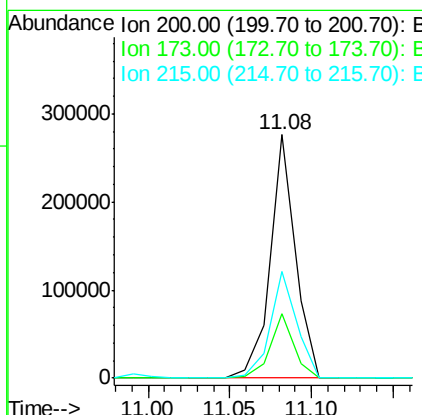
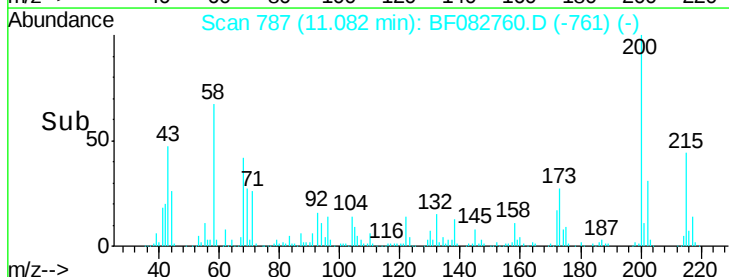
Delta R.T. 0.00 min

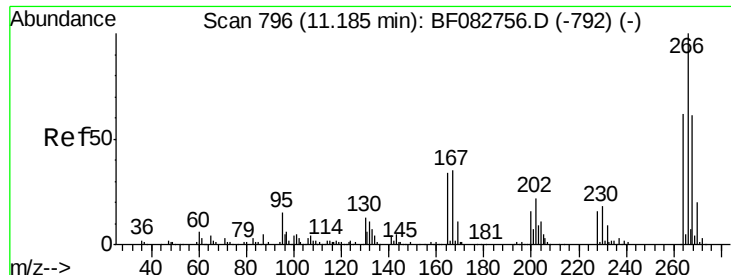
Lab File: BF082760.D

Acq: 6 Nov 2015 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	297816		
173	26.6		6.9	46.9
215	44.1		22.9	62.9





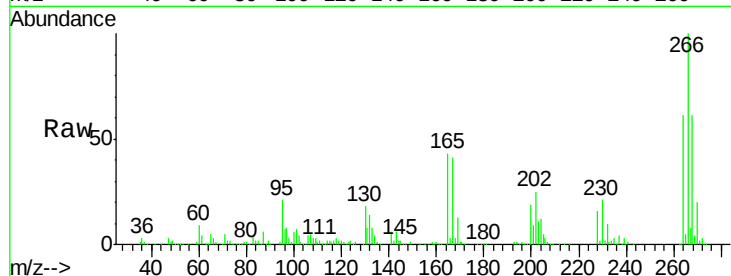
#69
 Pentachlorophenol
 Concen: 41.50 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.0	76.6
264	61.0	50.6	75.8

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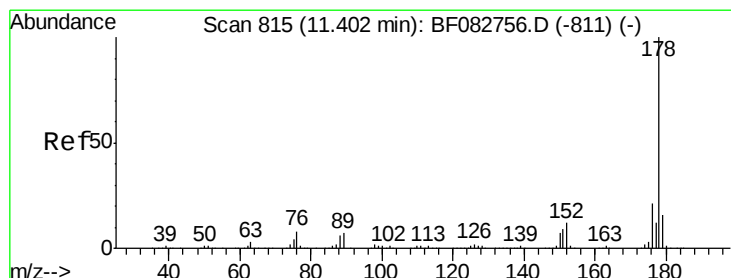
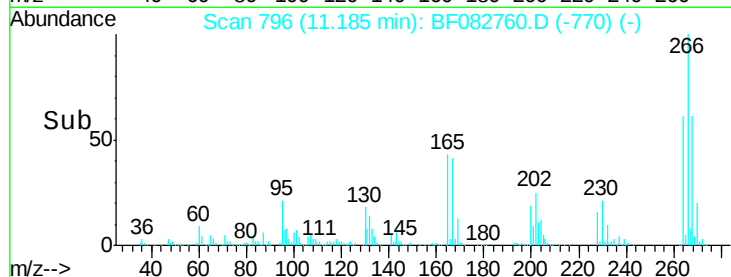
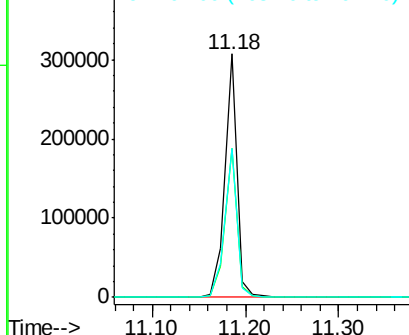


Abundance

Ion 265.70 (265.40 to 266.40): E

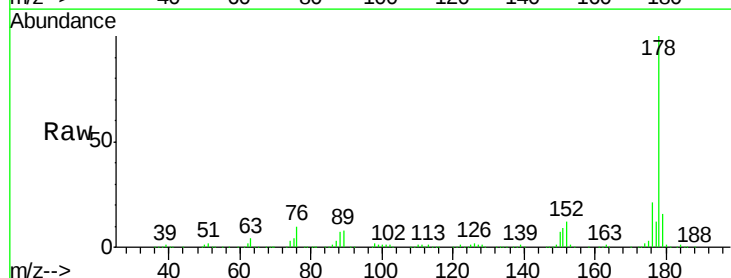
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 34.74 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.0	25.4
179	16.4	13.4	20.0

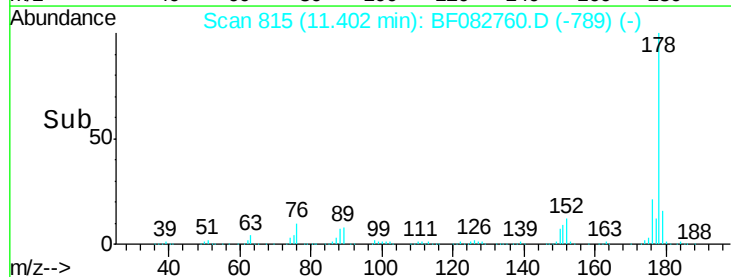
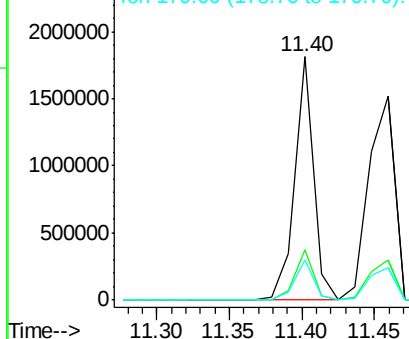


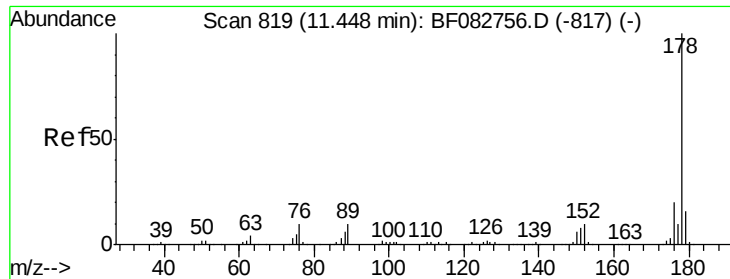
Abundance

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





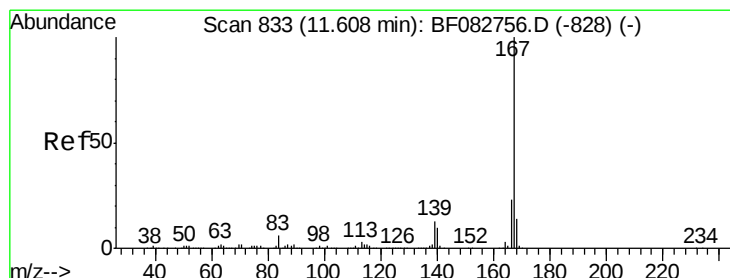
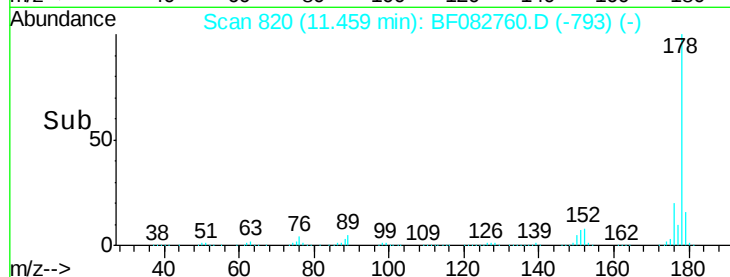
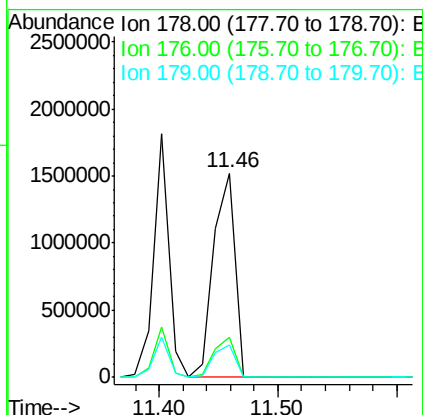
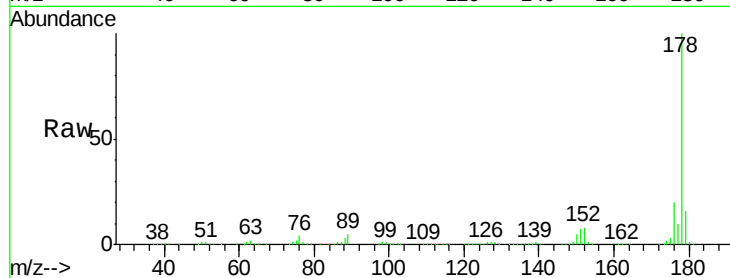
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion:178 Resp: 1880123
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.0 13.2 19.8

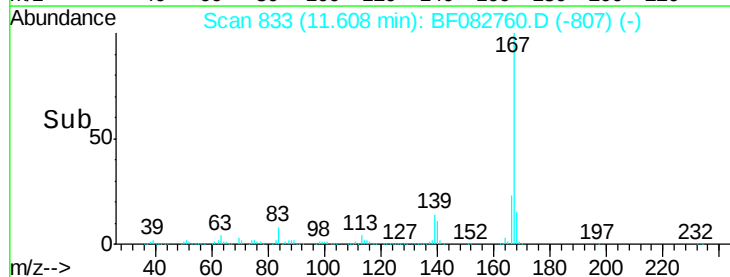
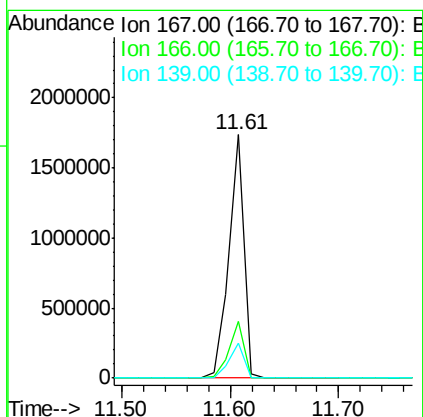
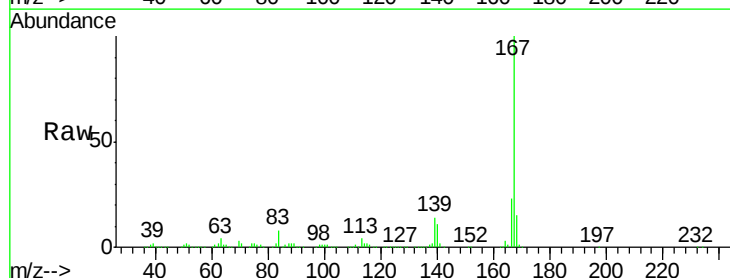
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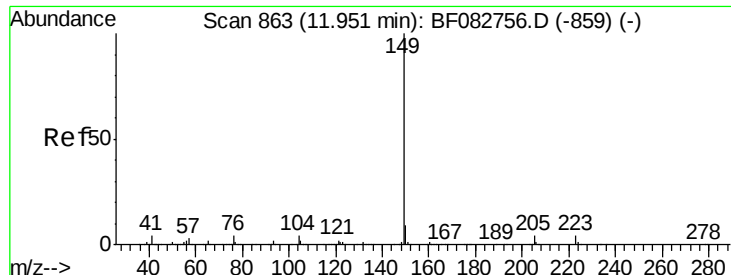
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#72
 Carbazole
 Concen: 37.93 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:167 Resp: 1648354
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.7 28.1
 139 14.4 11.8 17.6





#73

Di-n-butylphthalate

Concen: 38.13 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion:149 Resp: 2064422

Ion Ratio Lower Upper

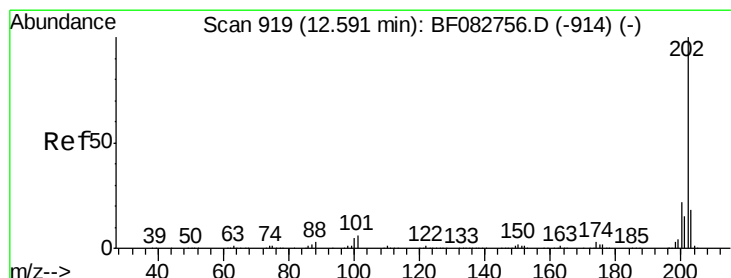
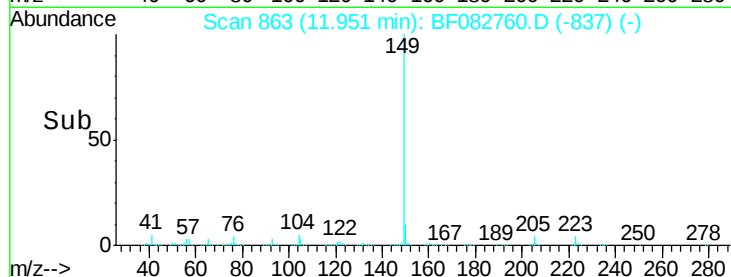
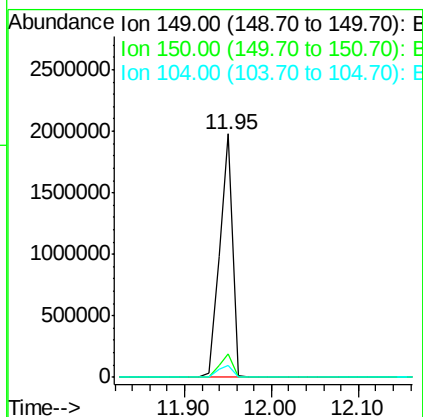
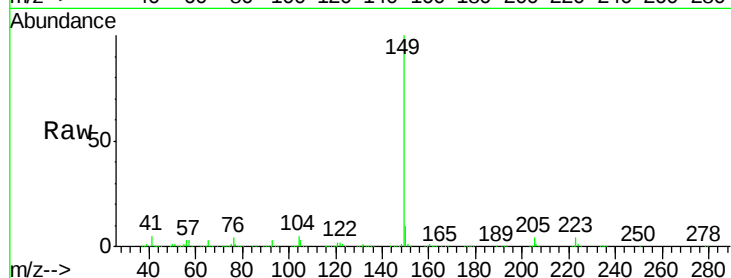
149 100

150 9.8 8.1 12.1

104 5.0 5.2 7.8#

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#74

Fluoranthene

Concen: 37.98 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

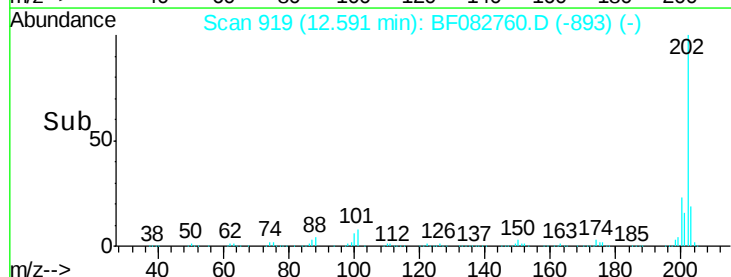
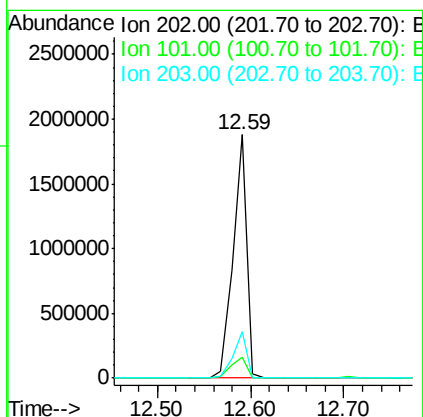
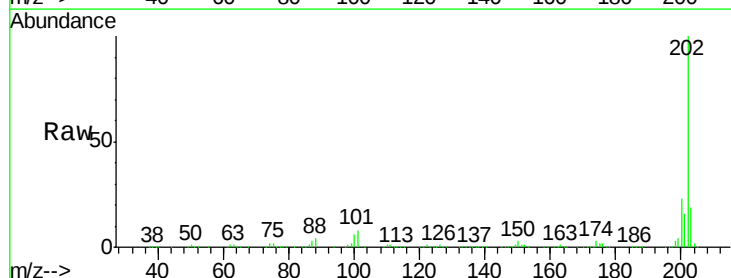
Tgt Ion:202 Resp: 1920961

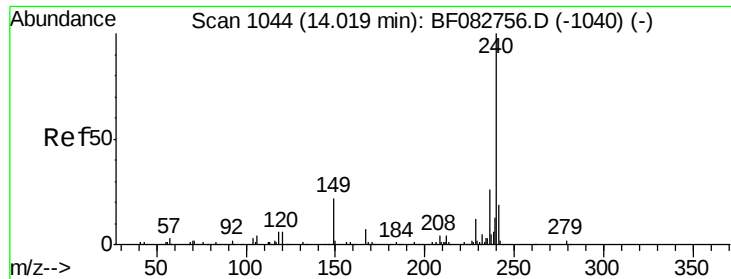
Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.5

203 18.9 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

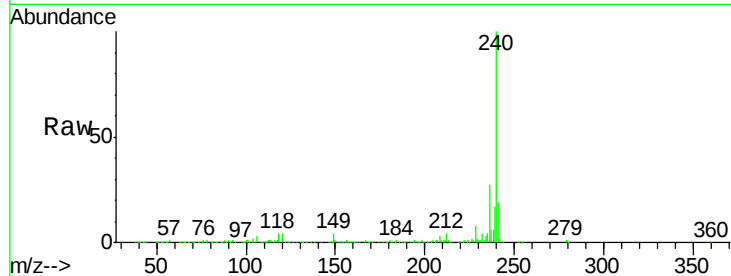
ClientSampleId :

ICVBF110715

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.8	10.9	16.3#
236	26.7	21.6	32.4

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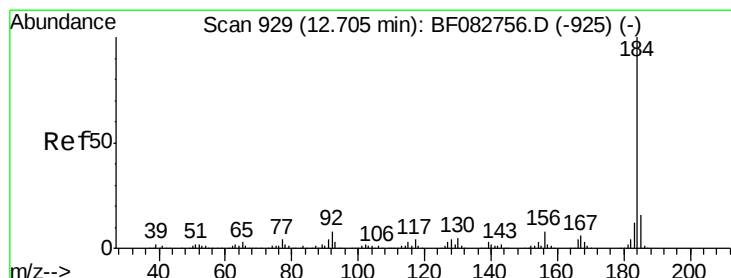
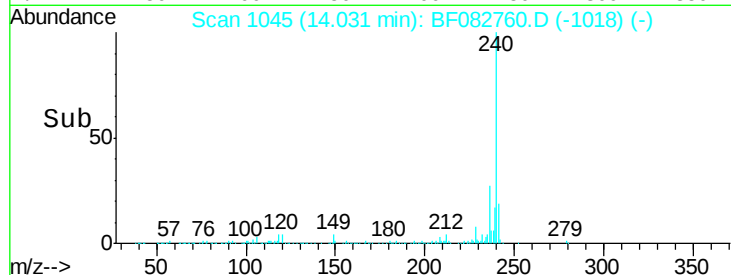
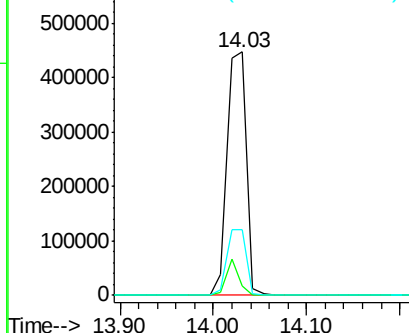
Mmdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.19 ng

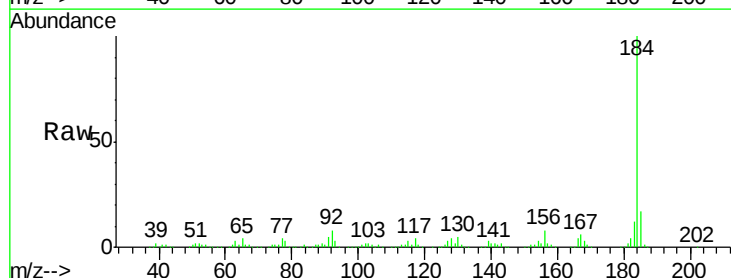
RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

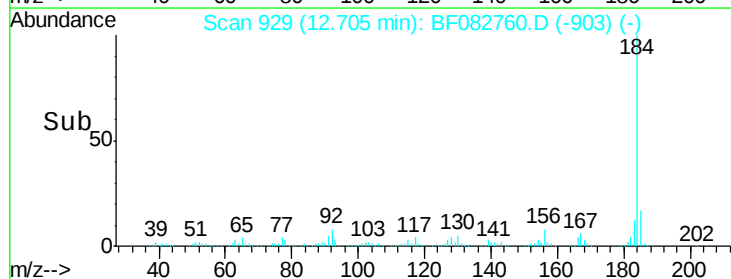
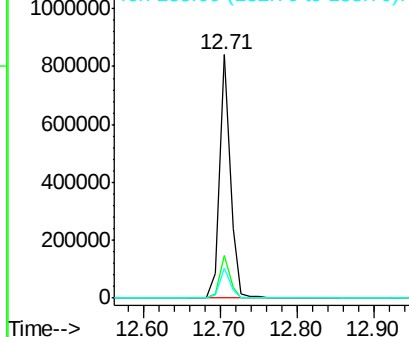
Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.0	18.0
183	12.2	9.6	14.4

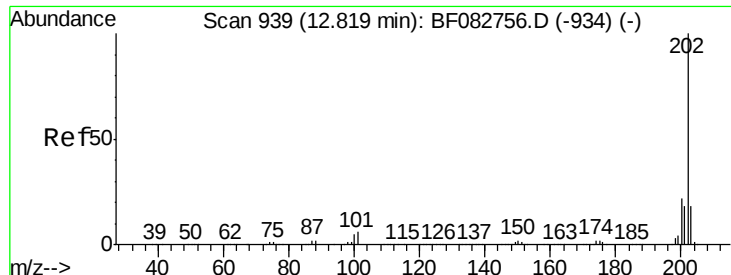


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.13 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion:202 Resp: 1954237

Ion Ratio Lower Upper

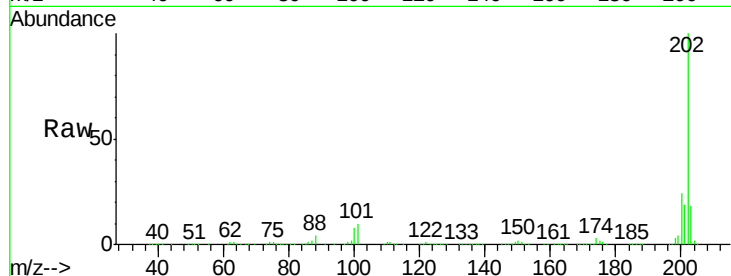
202 100

200 23.5 18.7 28.1

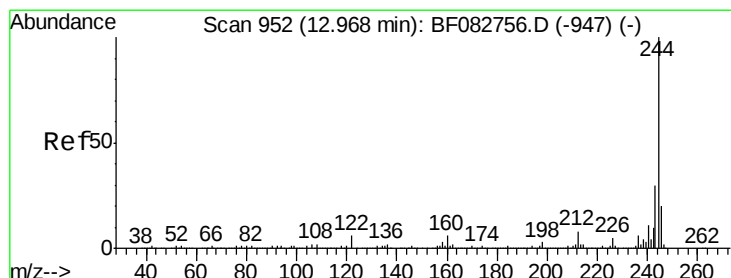
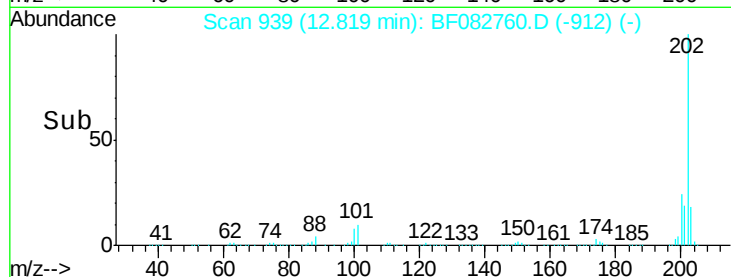
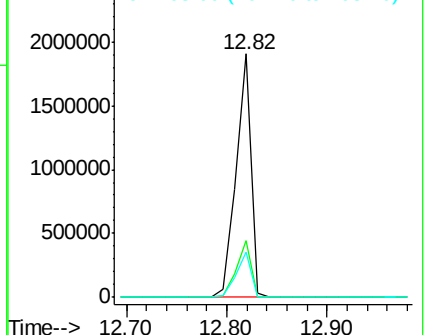
203 18.5 14.8 22.2

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



#78

Terphenyl-d14

Concen: 83.26 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

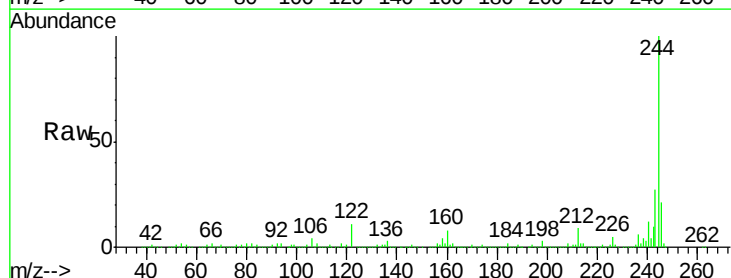
Tgt Ion:244 Resp: 2263332

Ion Ratio Lower Upper

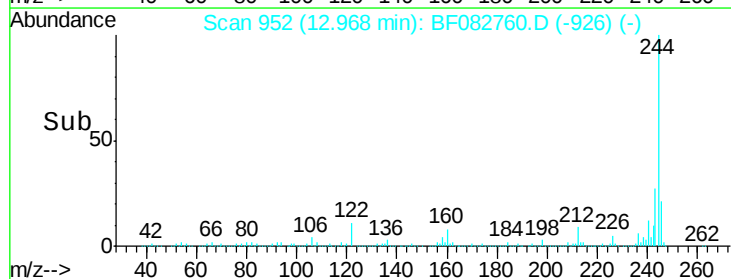
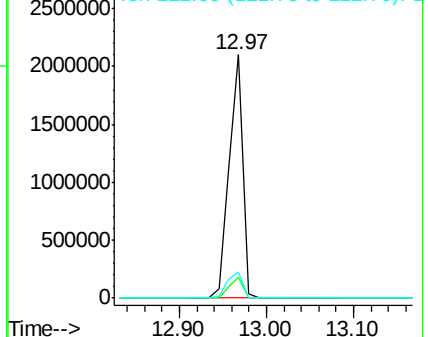
244 100

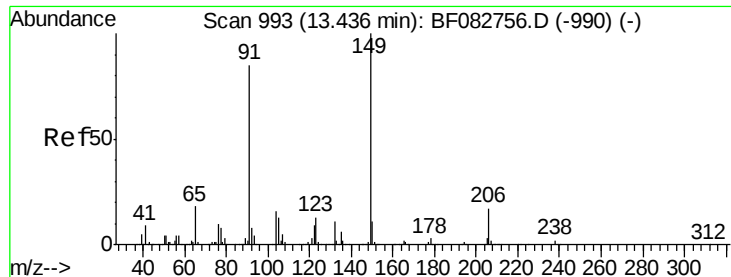
212 8.6 7.6 11.4

122 10.7 11.3 16.9#



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





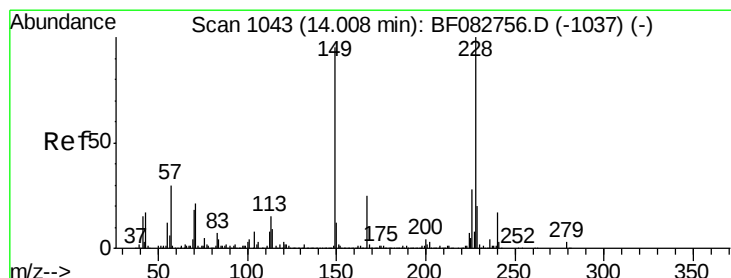
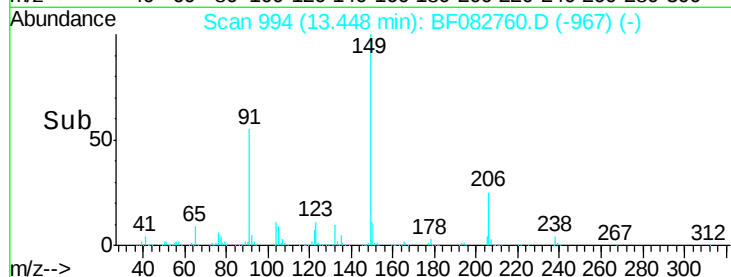
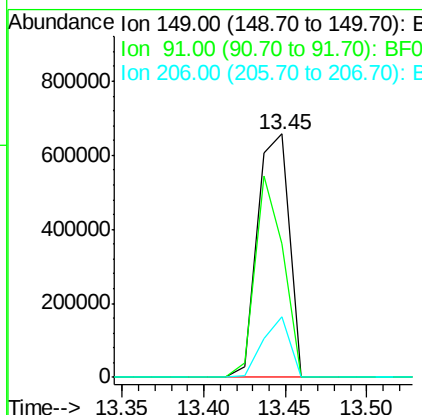
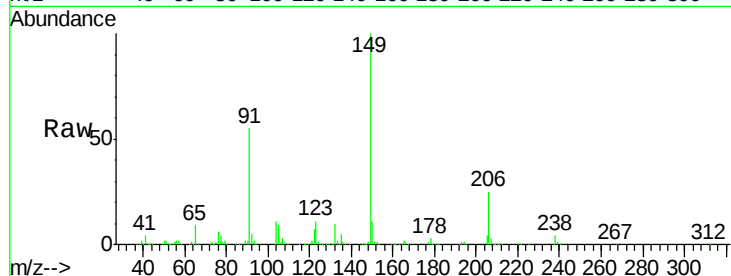
#79
Butylbenzylphthalate
Concen: 45.50 ng
RT: 13.45 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.0	67.7	101.5#
206	25.1	14.6	22.0#

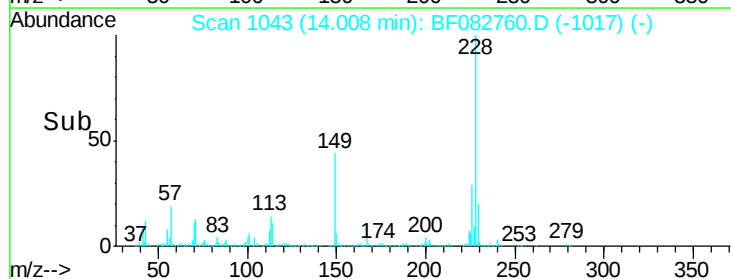
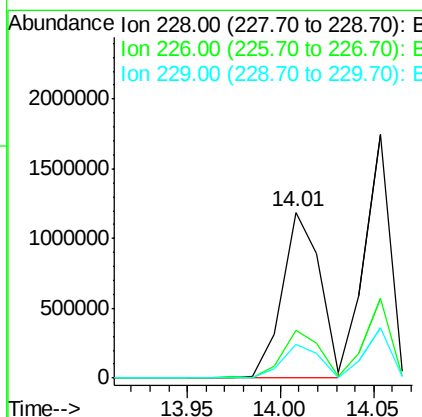
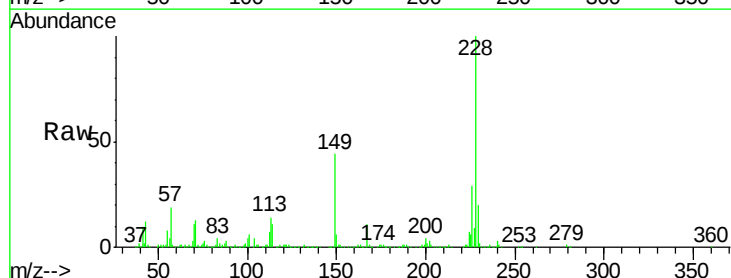
Manual Integrations
APPROVED

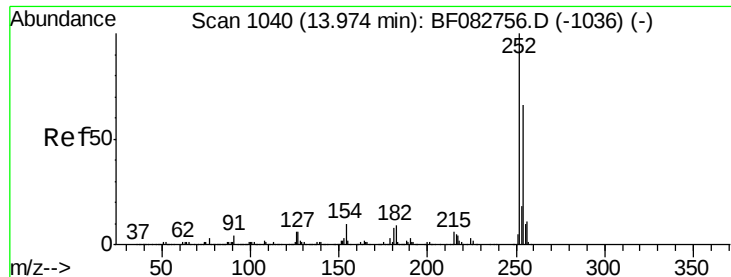
Mmdadoda
11/9/2015 2:10:12 PM



#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.4	16.3	24.5





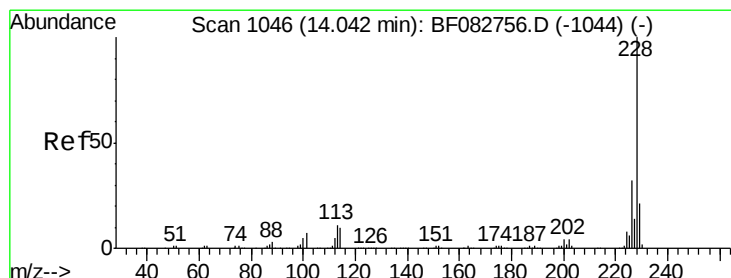
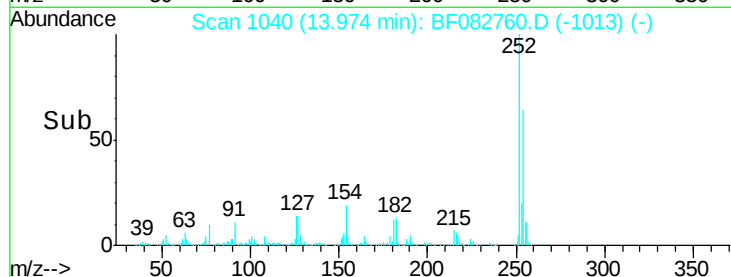
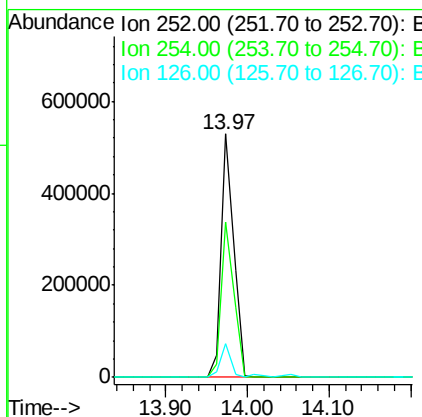
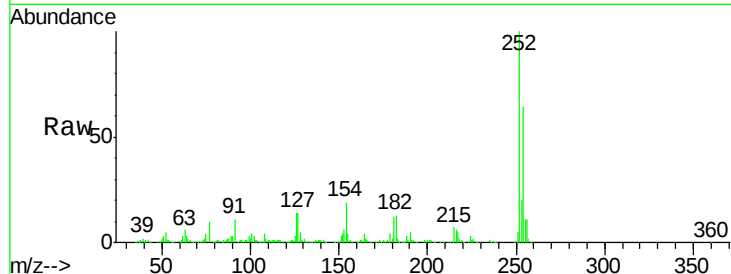
#81
 3,3'-Dichlorobenzidine
 Concen: 39.17 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	13.8	10.7	16.1

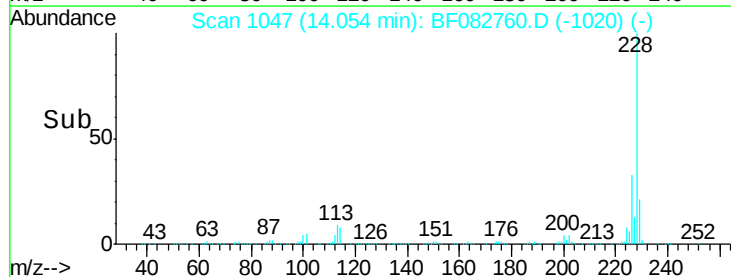
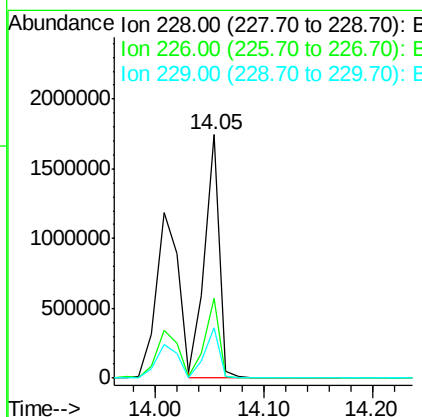
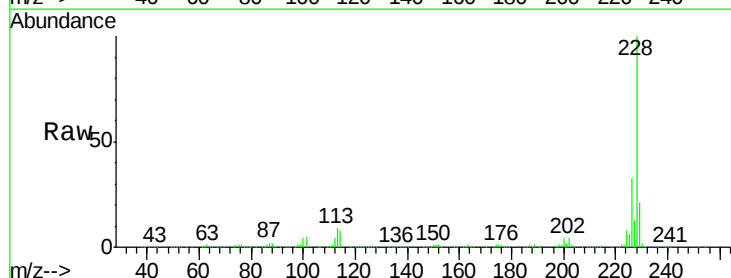
Manual Integrations
 APPROVED

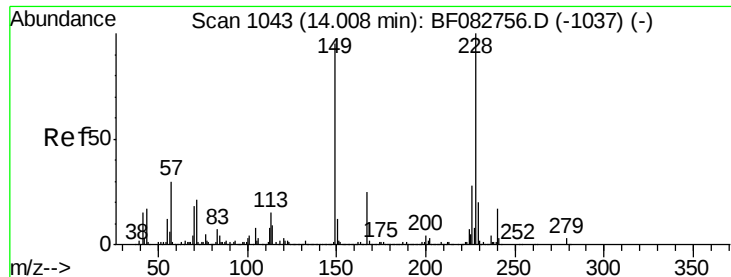
Mmdadoda
 11/9/2015 2:10:12 PM



#82
 Chrysene
 Concen: 44.75 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	20.6	16.3	24.5





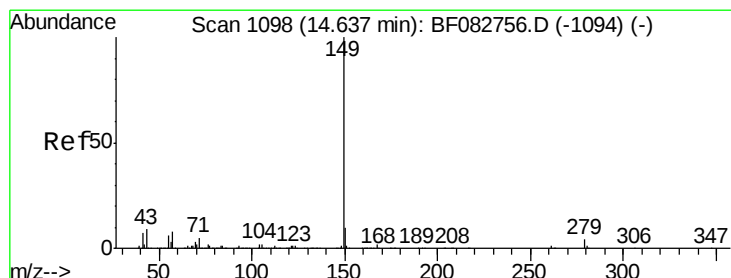
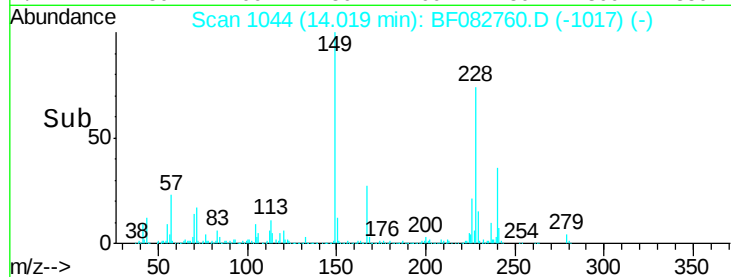
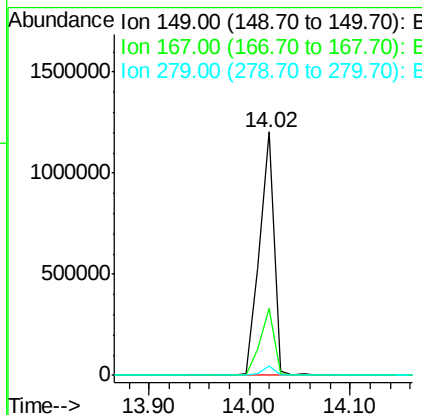
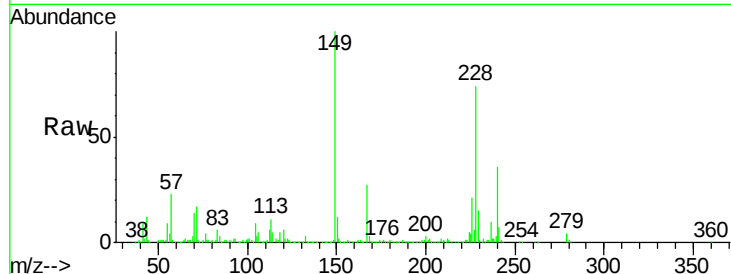
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.48 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110715

Tot Ion:149 Resp: 1217793
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 4.0 2.2 3.2#

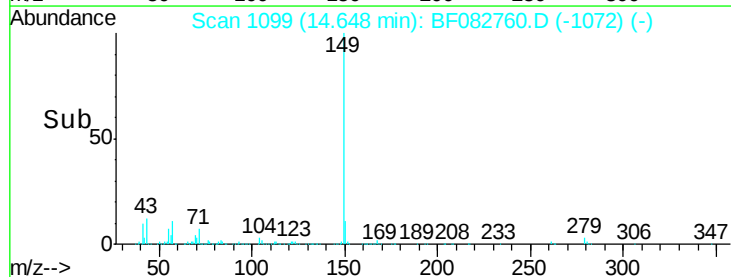
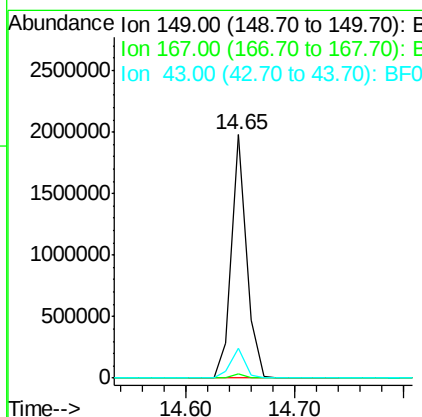
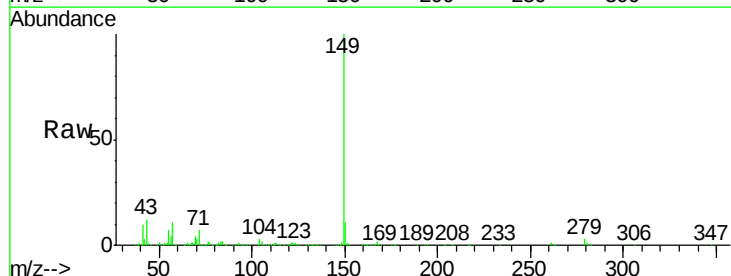
Manual Integrations
 APPROVED

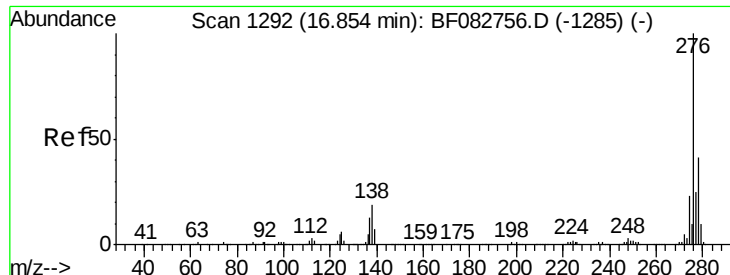
Mmdadoda
 11/9/2015 2:10:12 PM



#84
 Di-n-octyl phthalate
 Concen: 42.35 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:149 Resp: 1891383
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.9 10.1 15.1





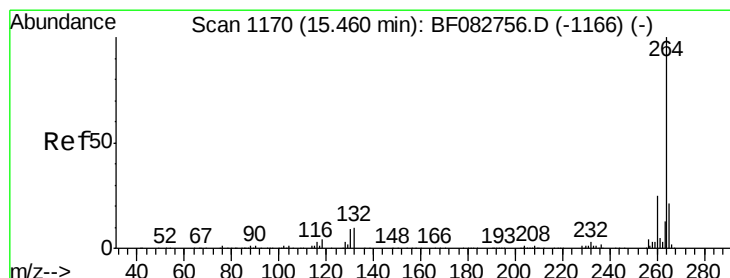
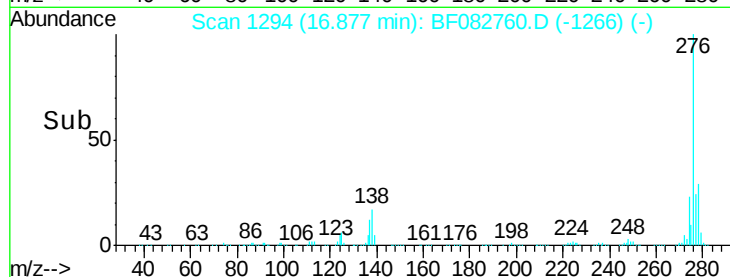
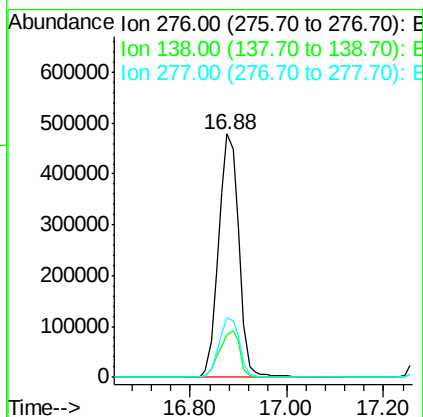
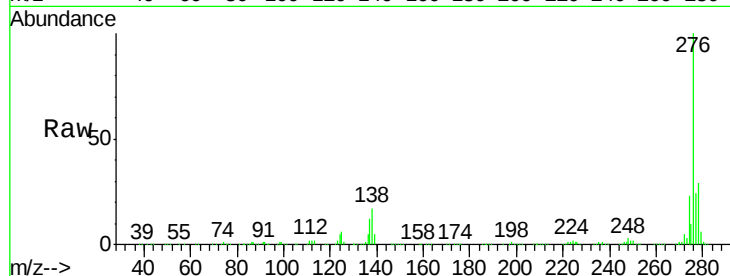
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.23 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.02 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion:276 Resp: 1406752
Ion Ratio Lower Upper
276 100
138 19.1 15.3 22.9
277 24.7 20.2 30.4

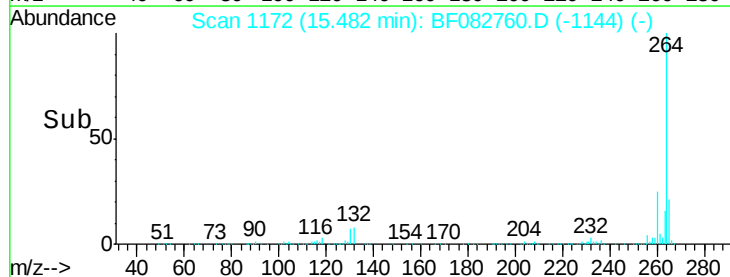
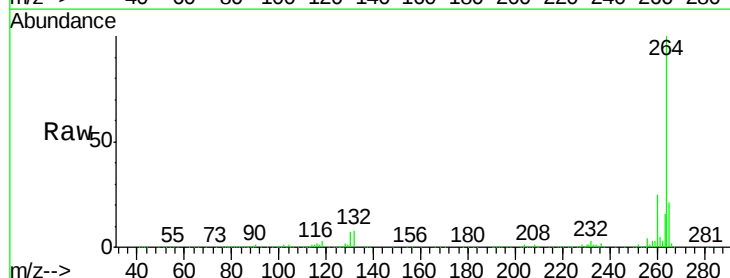
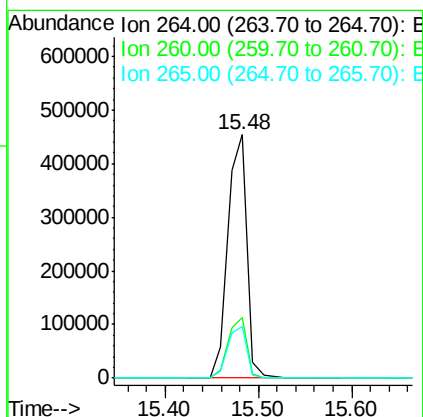
Manual Integrations
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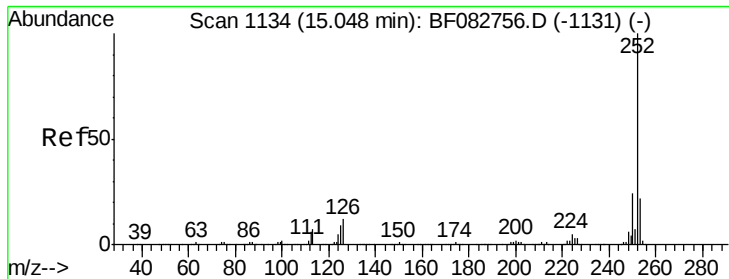
Mmdadoda
11/9/2015 2:10:12 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:264 Resp: 648633
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.3 17.4 26.0





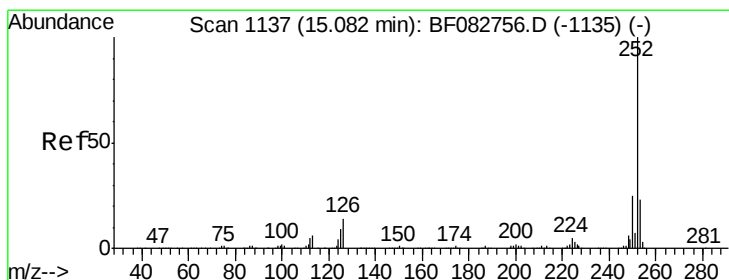
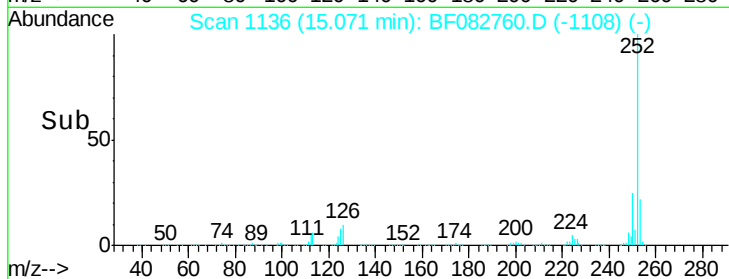
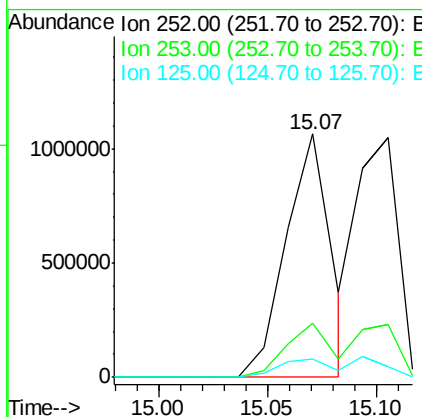
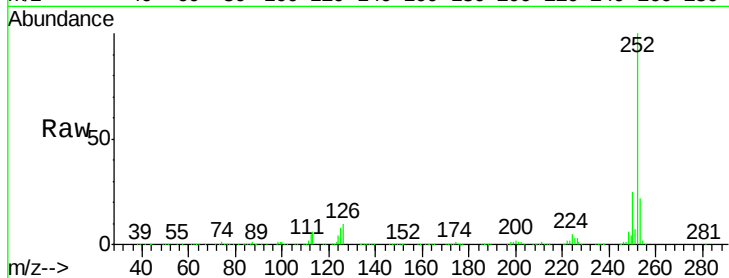
#87
Benzo(b)fluoranthene
Concen: 36.74 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion:252 Resp: 1529714
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.6 5.4 8.2

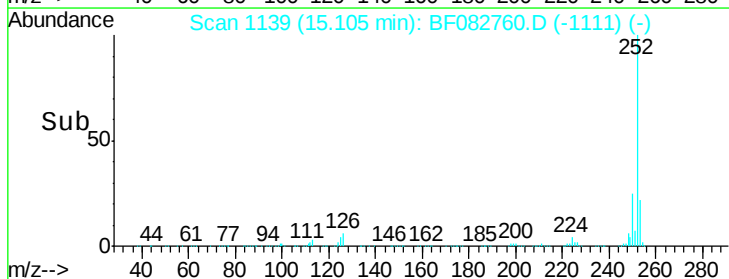
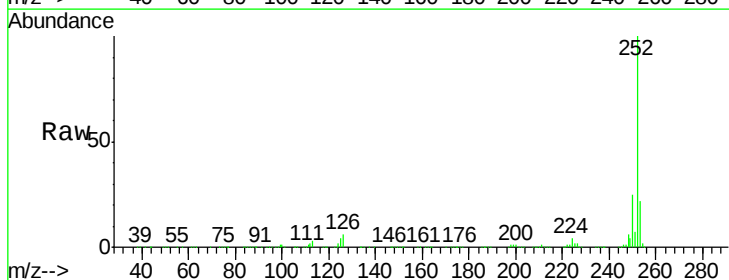
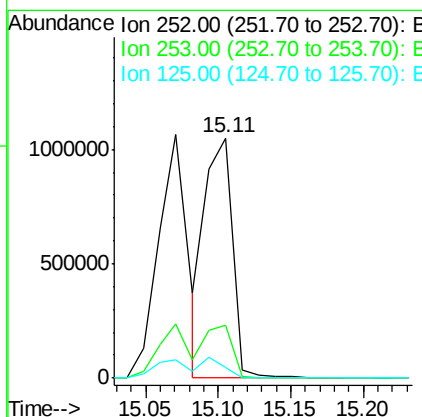
Manual Integrations
APPROVED

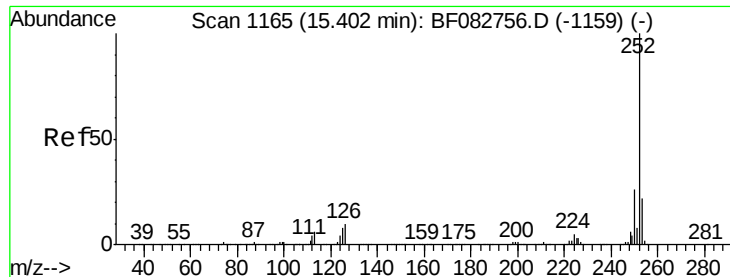
Mmdadoda
11/9/2015 2:10:12 PM



#88
Benzo(k)fluoranthene
Concen: 37.73 ng m
RT: 15.11 min Scan# 1139
Delta R.T. 0.02 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:252 Resp: 1393700
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 4.2 3.5 5.3





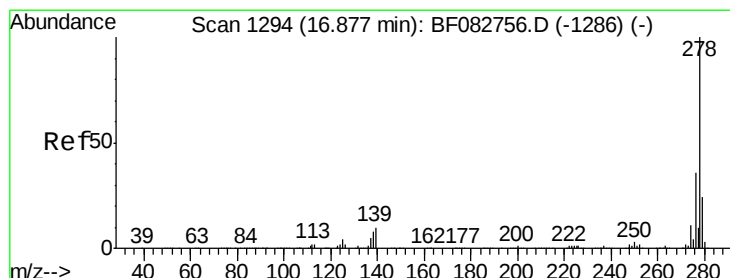
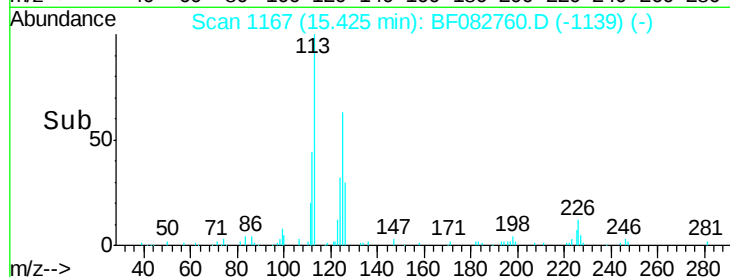
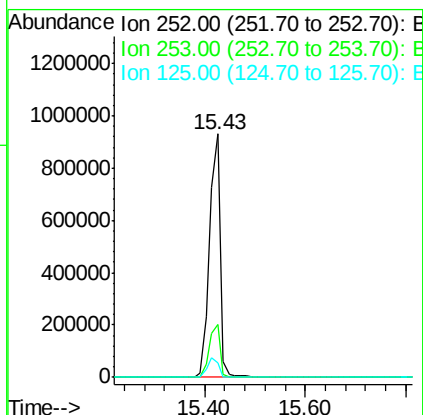
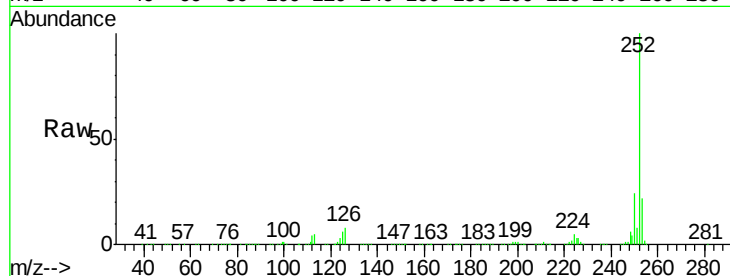
#89
Benzo(a)pyrene
Concen: 38.18 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Tot Ion:252 Resp: 1377261
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.1 7.1 10.7#

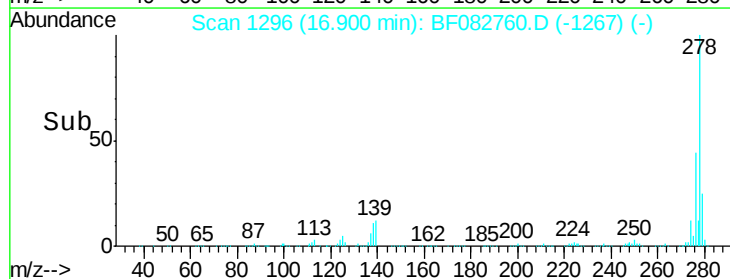
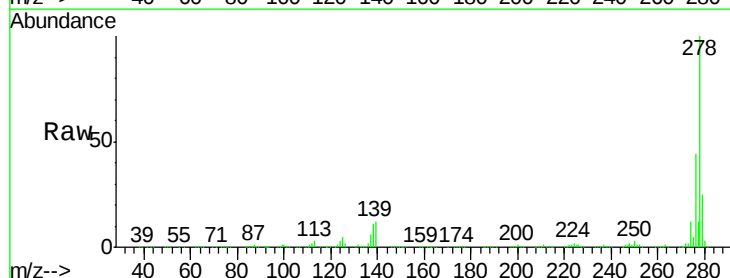
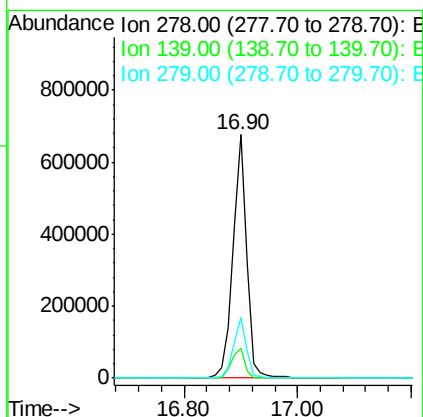
Manual Integrations
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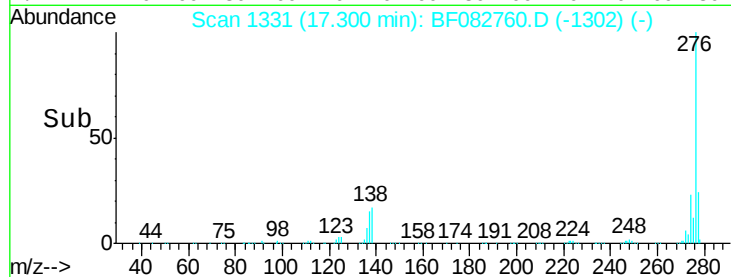
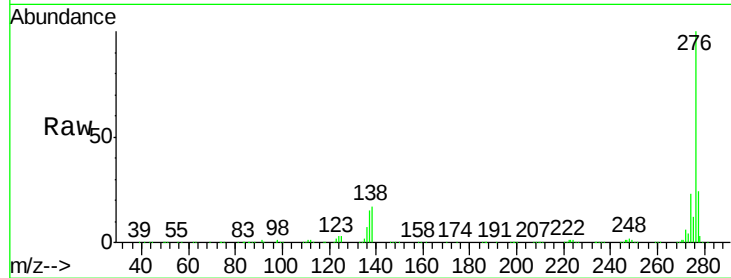
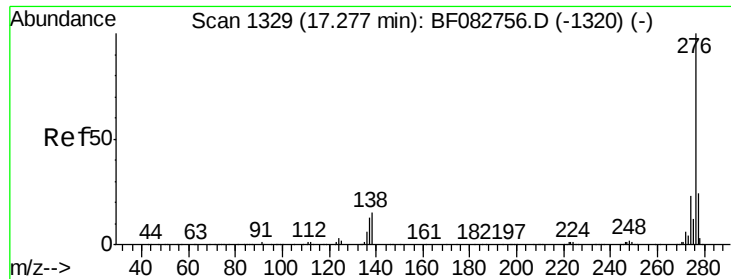
Mmdadoda
11/9/2015 2:10:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.98 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:278 Resp: 1160057
Ion Ratio Lower Upper
278 100
139 12.1 9.9 14.9
279 24.9 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 37.69 ng

RT: 17.30 min Scan# 1331

Delta R.T. 0.03 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF110715

Tot Ion:276 Resp: 1102842

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 17.5 13.1 19.7

Manual Integrations
APPROVED

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11/9/2015 2:10:12 PM

