

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082894.D
 Acq On : 13 Nov 2015 13:39
 Operator : UM/IZ
 Sample : PB86628BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:43:57 PM

Quant Time: Nov 13 22:27:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	265846	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1072448	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	589643	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	1084918	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	878817	20.00	ng	-0.06
86) Perylene-d12	15.39	264	954872	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1657980	97.04	ng	-0.03
7) Phenol-d6	6.44	99	2029232	89.34	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1387828	56.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	492428	72.84	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2214425	53.83	ng	-0.05
78) Terphenyl-d14	12.91	244	2214351	59.76	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	216666	29.39	ng	97
3) Pyridine	3.13	79	617643	28.87	ng	92
4) n-Nitrosodimethylamine	3.07	42	294283	27.74	ng	# 70
6) Aniline	6.46	93	624396	19.58	ng	# 88
8) 2-Chlorophenol	6.59	128	595144	31.42	ng	98
9) Benzaldehyde	6.34	77	42779	3.41	ng	81
10) Phenol	6.45	94	641824	24.90	ng	78
11) bis(2-Chloroethyl)ether	6.53	93	604106	31.34	ng	93
12) 1,3-Dichlorobenzene	6.74	146	617960m	28.93	ng	
13) 1,4-Dichlorobenzene	6.82	146	659449	29.67	ng	94
14) 1,2-Dichlorobenzene	6.97	146	553129	27.37	ng	94
15) Benzyl Alcohol	6.94	79	522444	26.19	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	964488	34.12	ng	98
17) 2-Methylphenol	7.07	107	529639	33.01	ng	92
18) Hexachloroethane	7.32	117	226752	28.52	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	466335	27.93	ng	90
20) 3+4-Methylphenols	7.22	107	576487	27.64	ng	91
22) Acetophenone	7.22	105	852534	27.74	ng	# 92
24) Nitrobenzene	7.39	77	670727	26.61	ng	89
25) Isophorone	7.63	82	1279208	28.05	ng	97
26) 2-Nitrophenol	7.70	139	285417	27.13	ng	# 80
27) 2,4-Dimethylphenol	7.76	122	579880	30.68	ng	86
28) bis(2-Chloroethoxy)methane	7.85	93	809260	31.46	ng	99
29) 2,4-Dichlorophenol	7.95	162	534781	31.30	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	521997	27.17	ng	98
31) Naphthalene	8.11	128	1622486	27.42	ng	100
32) Benzoic acid	7.88	122	349297	26.99	ng	85
33) 4-Chloroaniline	8.16	127	287357	11.27	ng	# 89
34) Hexachlorobutadiene	8.24	225	320209	26.63	ng	98
35) Caprolactam	8.53	113	182319m	33.85	ng	
36) 4-Chloro-3-methylphenol	8.65	107	557932	27.77	ng	92
37) 2-Methylnaphthalene	8.81	142	1133241m	29.61	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	493086	25.45	ng	98
40) Hexachlorocyclopentadiene	8.97	237	633053	60.81	ng	98

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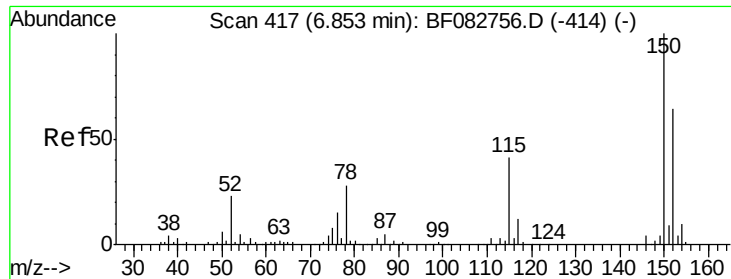
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	350867	24.26	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	370627	25.91	ng	93
45) 1,1'-Biphenyl	9.26	154	1267600	25.05	ng	95
46) 2-Chloronaphthalene	9.29	162	962965	24.40	ng	96
47) 2-Nitroaniline	9.39	65	388399	26.53	ng	# 47
48) Acenaphthylene	9.71	152	1728249	27.94	ng	98
49) Dimethylphthalate	9.57	163	1150385	23.81	ng	100
50) 2,6-Dinitrotoluene	9.63	165	274576	26.64	ng	94
51) Acenaphthene	9.88	154	1237998	31.58	ng	99
52) 3-Nitroaniline	9.79	138	168094	14.83	ng	92
53) 2,4-Dinitrophenol	9.90	184	328517	58.05	ng	# 21
54) Dibenzofuran	10.05	168	1531643	28.98	ng	90
55) 4-Nitrophenol	9.97	139	508737	58.50	ng	90
56) 2,4-Dinitrotoluene	10.03	165	351715	25.15	ng	94
57) Fluorene	10.40	166	1223511	28.58	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	300664	25.75	ng	# 90
59) Diethylphthalate	10.28	149	1282260	27.18	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	509713	23.80	ng	# 87
61) 4-Nitroaniline	10.41	138	303272	26.60	ng	# 77
62) Azobenzene	10.54	77	1422489	28.07	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	212259	27.46	ng	# 69
65) n-Nitrosodiphenylamine	10.51	169	1112087	28.37	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	352342	26.97	ng	# 85
67) Hexachlorobenzene	10.94	284	390910	26.80	ng	# 72
68) Atrazine	11.04	200	320612	26.45	ng	97
69) Pentachlorophenol	11.14	266	488487	55.15	ng	99
70) Phenanthrene	11.36	178	1836100	29.14	ng	98
71) Anthracene	11.40	178	1679520	25.31	ng	99
72) Carbazole	11.56	167	1605176	27.63	ng	# 96
73) Di-n-butylphthalate	11.89	149	1979083	27.34	ng	99
74) Fluoranthene	12.53	202	1692360	25.03	ng	96
76) Benzidine	12.66	184	783707	26.61	ng	99
77) Pyrene	12.76	202	1763664	29.22	ng	99
79) Butylbenzylphthalate	13.39	149	850423	31.90	ng	99
80) Benzo(a)anthracene	13.95	228	1666330	30.32	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	416826	21.33	ng	97
82) Chrysene	14.00	228	1709874	33.97	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1196589	32.79	ng	97
84) Di-n-octyl phthalate	14.58	149	2086447	34.28	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	1581101	36.47	ng	# 96
87) Benzo(b)fluoranthene	14.99	252	1755344m	28.64	ng	
88) Benzo(k)fluoranthene	15.01	252	1279842m	23.54	ng	
89) Benzo(a)pyrene	15.33	252	1513489	28.50	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1309579	29.12	ng	# 97
91) Benzo(g,h,i)perylene	17.17	276	1279580	29.71	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

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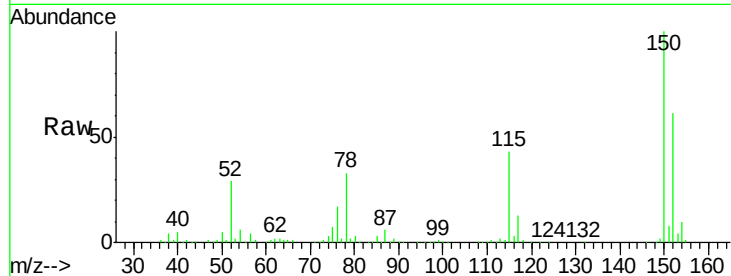
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.3	127.0	190.4
115	71.2	47.0	70.6

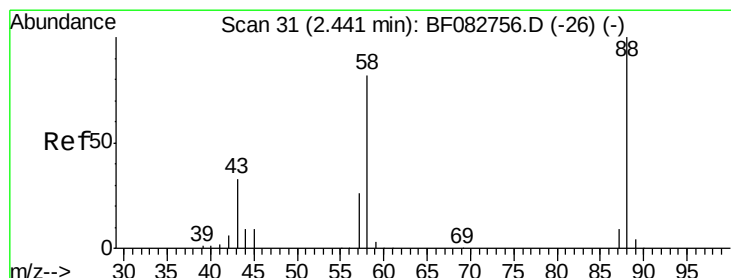
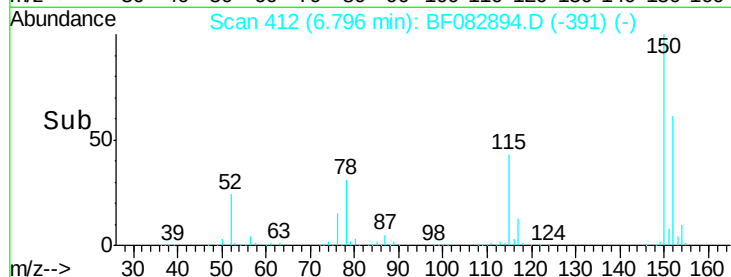
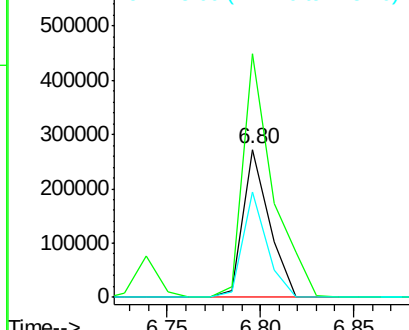


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.39 ng

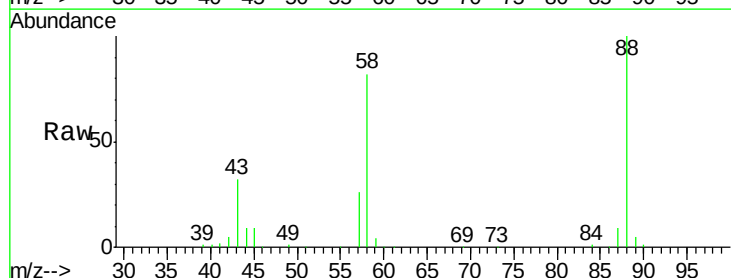
RT: 2.43 min Scan# 30

Delta R.T. -0.01 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.0	93.0
43	30.2	26.6	40.0

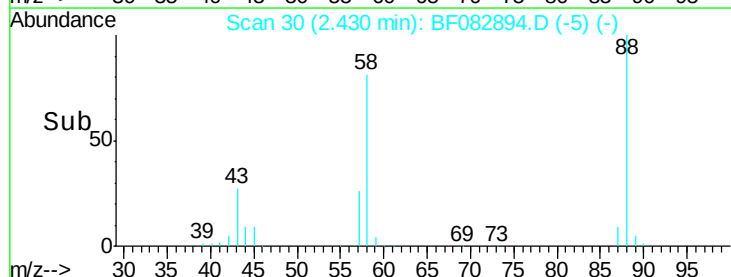
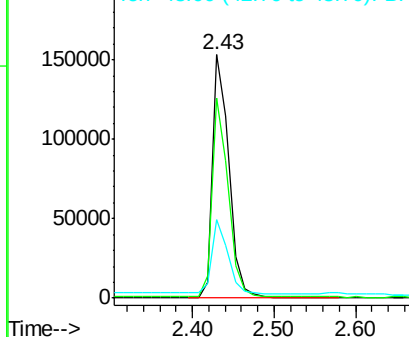


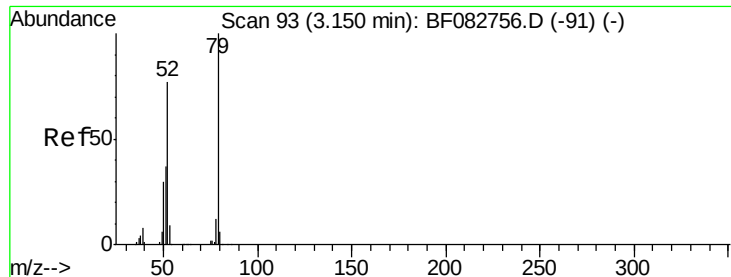
Abundance

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





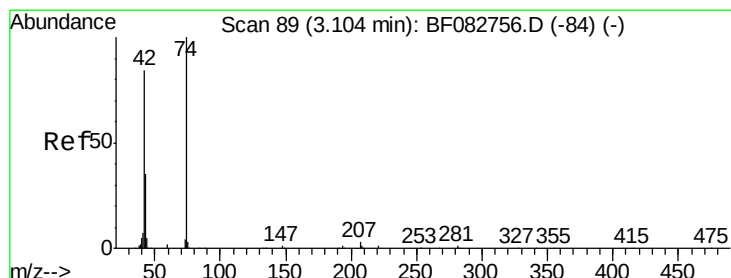
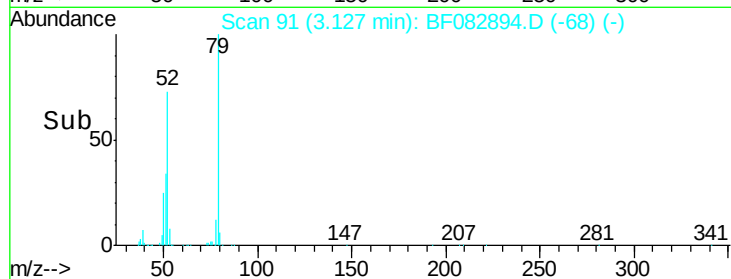
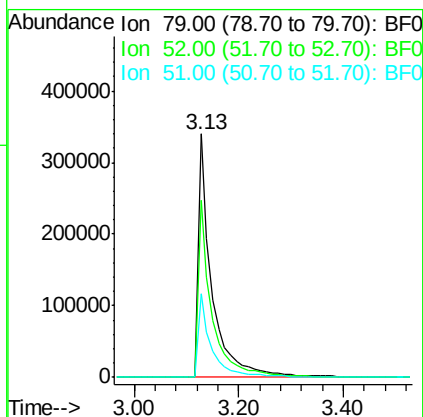
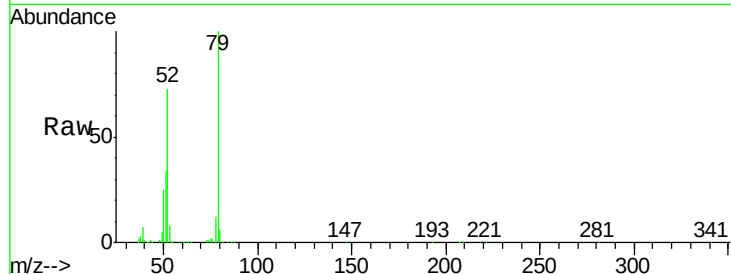
#3
 Pyridine
 Concen: 28.87 ng
 RT: 3.13 min Scan# 91
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
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 PB86628BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	72.5	62.8	94.2
51	34.1	32.0	48.0

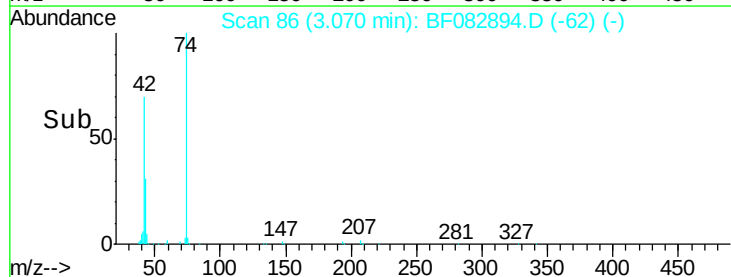
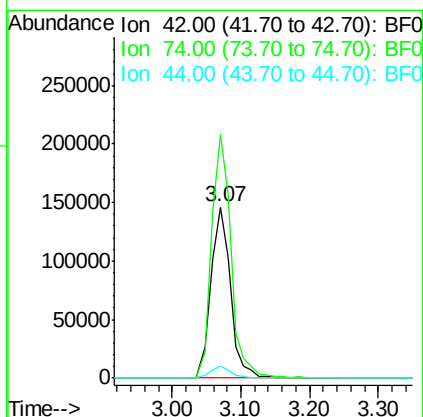
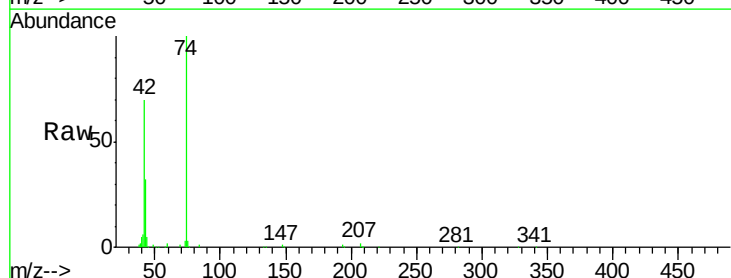
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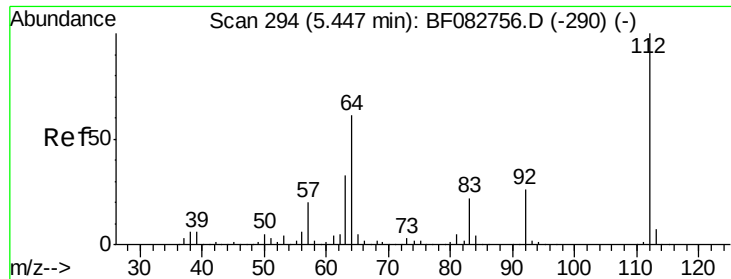
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#4
 n-Nitrosodimethylamine
 Concen: 27.74 ng
 RT: 3.07 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	87.0	130.4#
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 97.04 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082894.D

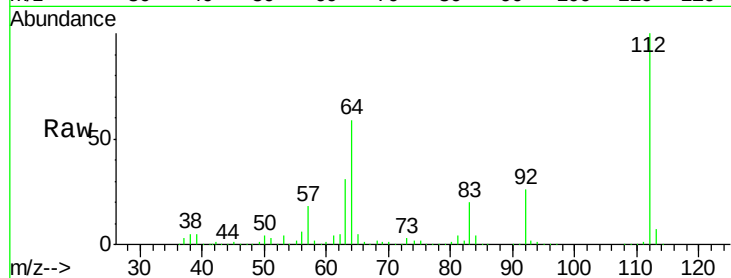
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

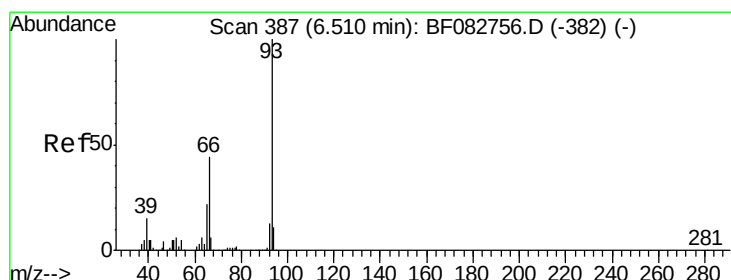
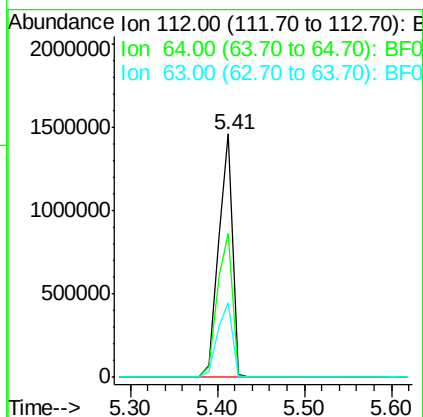
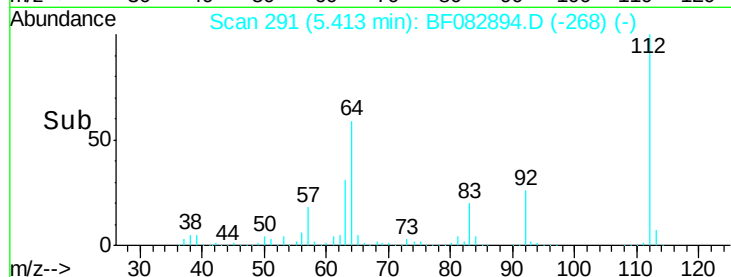
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.9	73.3
63	30.8	28.1	42.1

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#6

Aniline

Concen: 19.58 ng

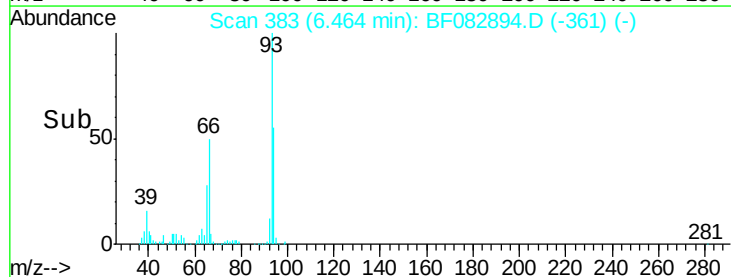
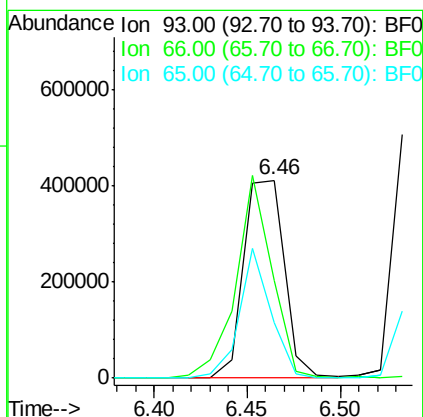
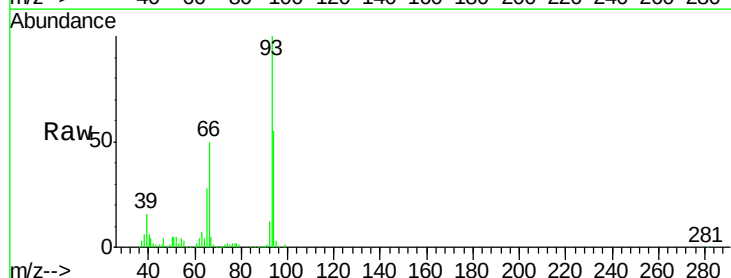
RT: 6.46 min Scan# 383

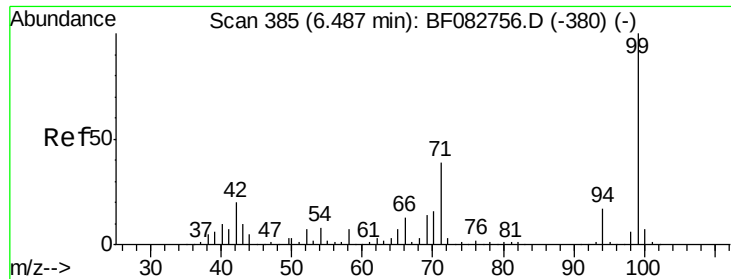
Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.6	33.6	50.4
65	28.2	18.1	27.1





#7

Phenol-d6

Concen: 89.34 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2029232

Ion Ratio Lower Upper

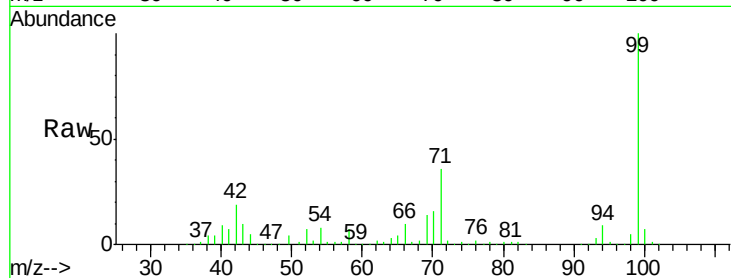
99 100

42 19.5 19.2 28.8

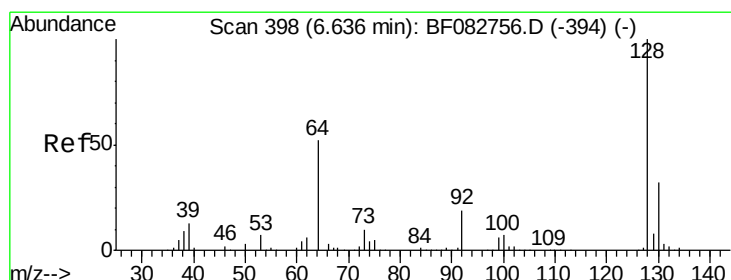
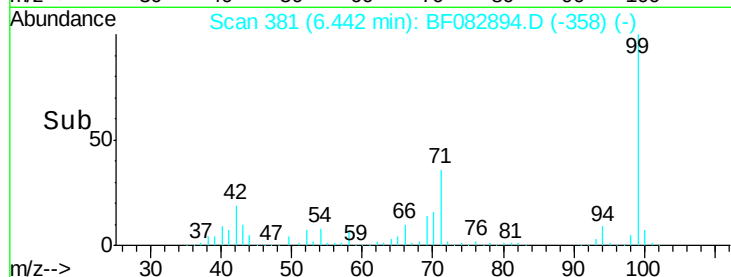
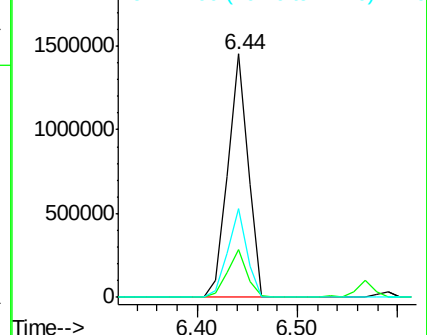
71 36.2 35.0 52.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.42 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

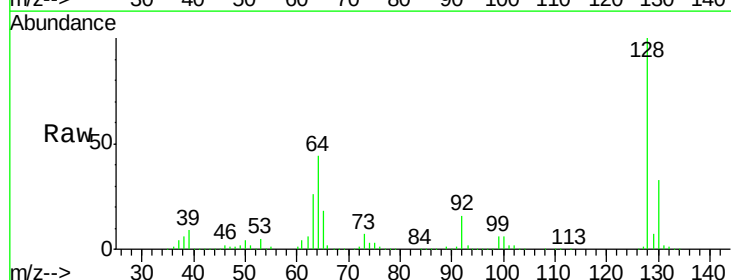
Tgt Ion: 128 Resp: 595144

Ion Ratio Lower Upper

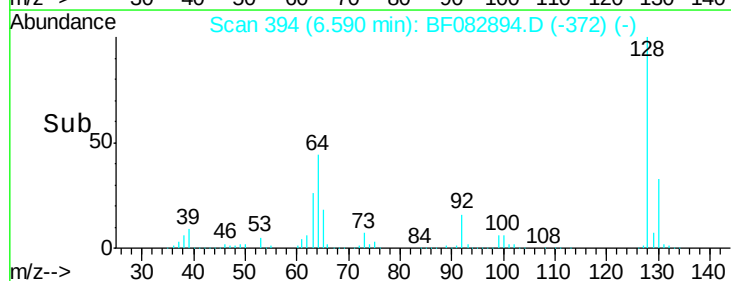
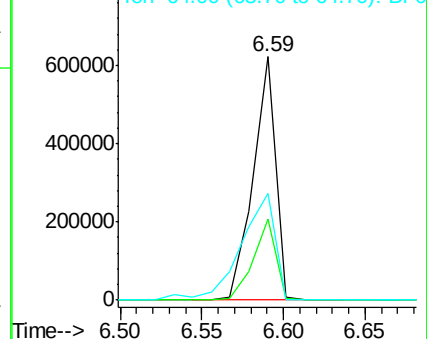
128 100

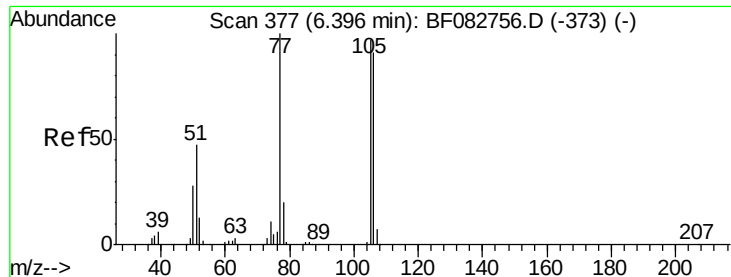
130 33.4 13.5 53.5

64 43.7 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.41 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082894.D

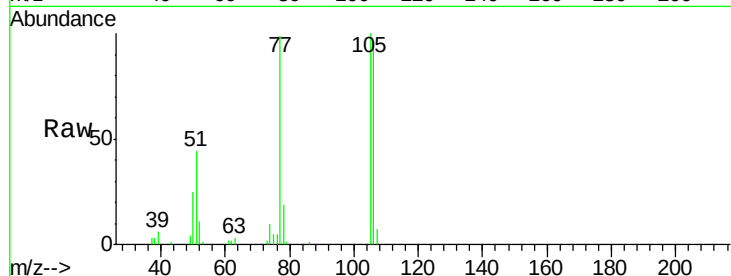
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

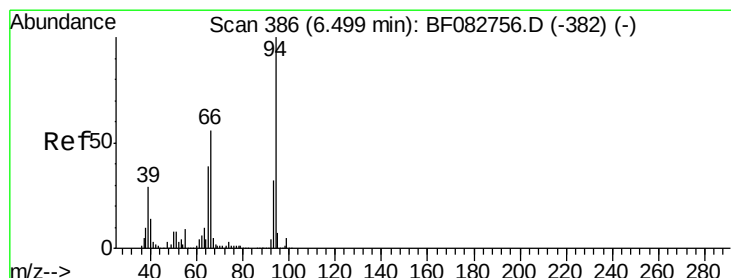
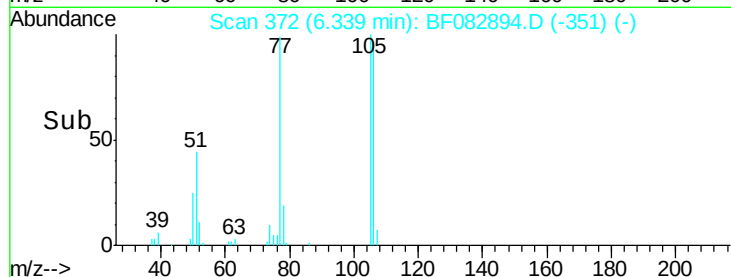
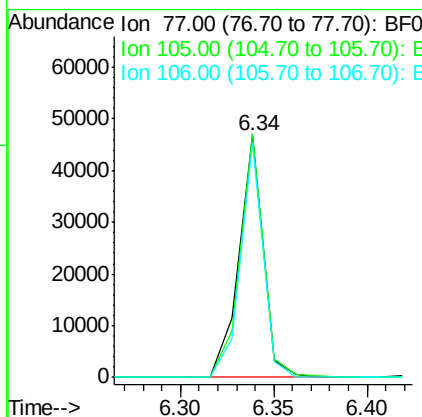
PB86628BS



Tgt Ion:	77	Resp:	42779
Ion	Ratio	Lower	Upper
77	100		
105	100.5	63.5	103.5
106	96.9	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 24.90 ng

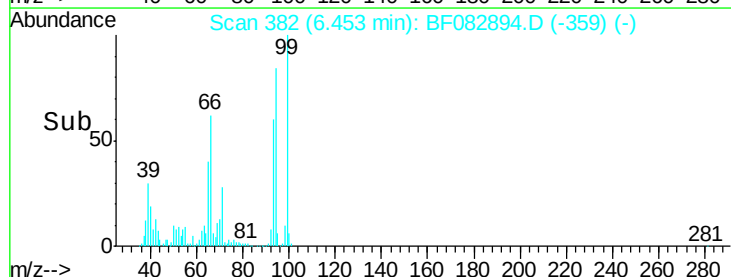
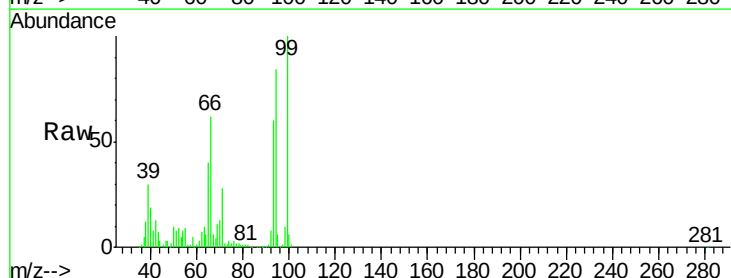
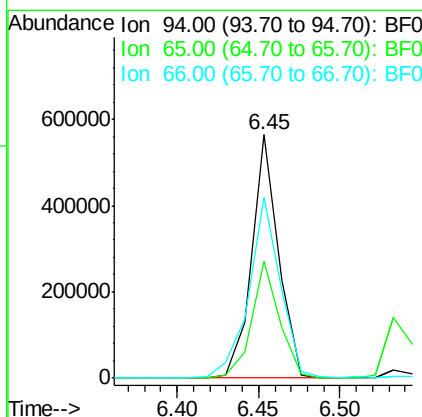
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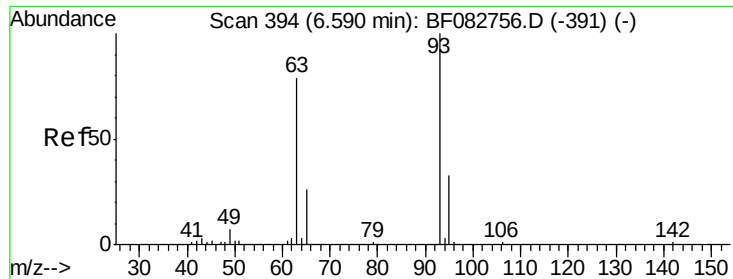
Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	94	Resp:	641824
Ion	Ratio	Lower	Upper
94	100		
65	47.8	18.9	58.9
66	74.5	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 31.34 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion: 93 Resp: 604106
Ion Ratio Lower Upper

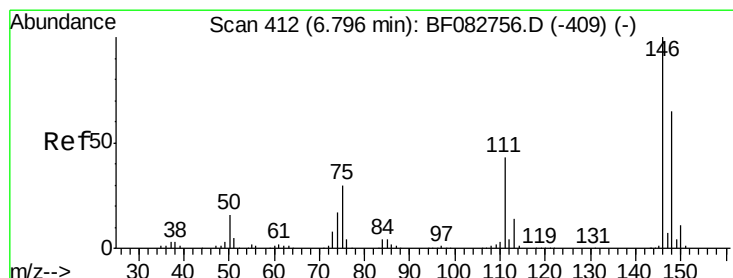
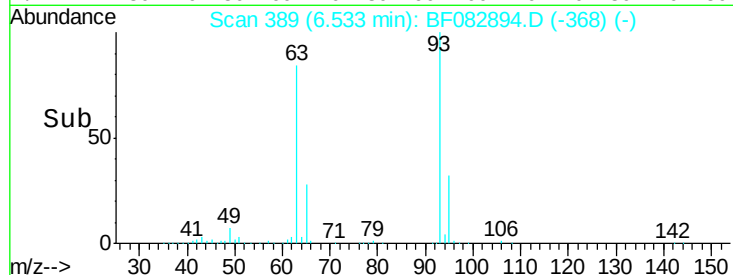
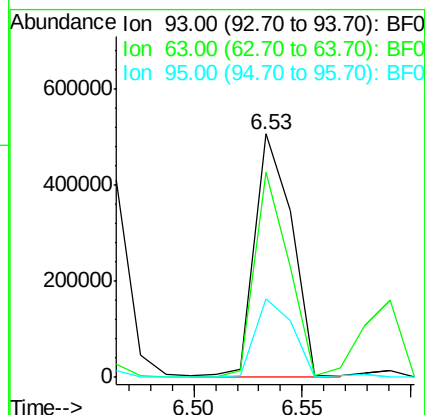
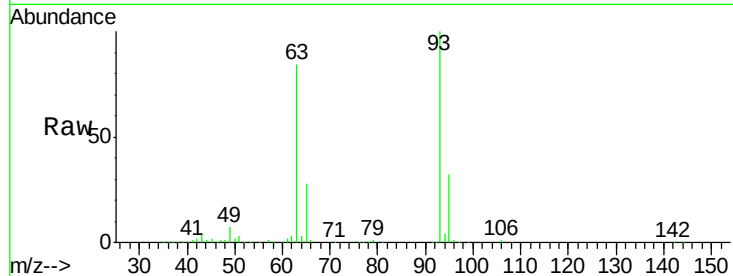
93 100

63 84.4 72.7 112.7

95 32.4 12.0 52.0

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#12

1,3-Dichlorobenzene

Concen: 28.93 ng m

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF082894.D

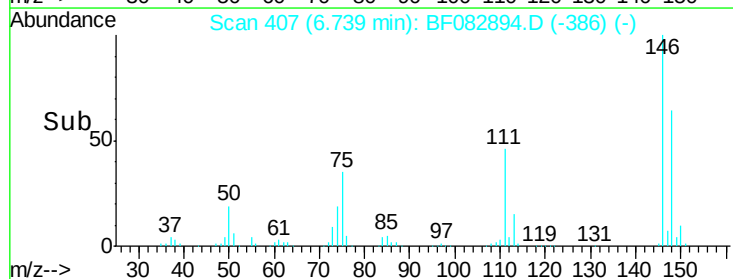
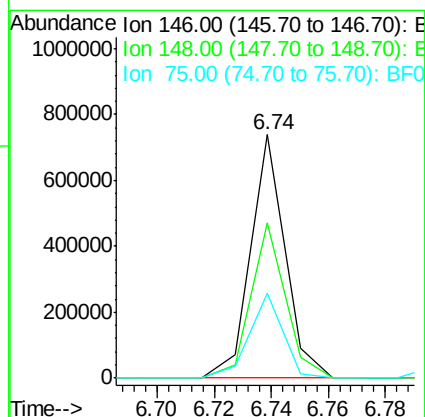
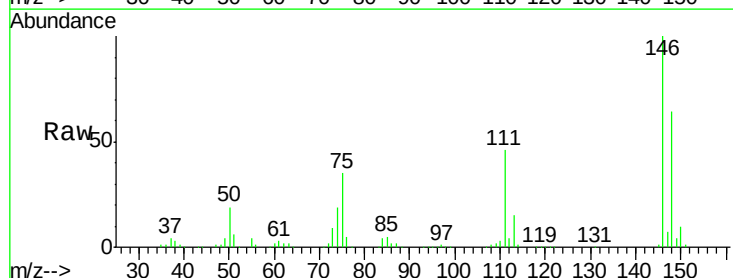
Acq: 13 Nov 2015 13:39

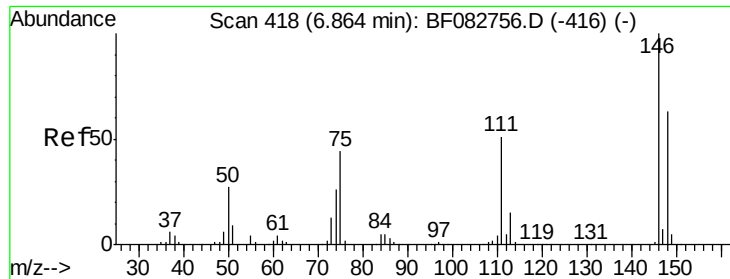
Tgt Ion: 146 Resp: 617960
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 34.7 39.5 59.3#





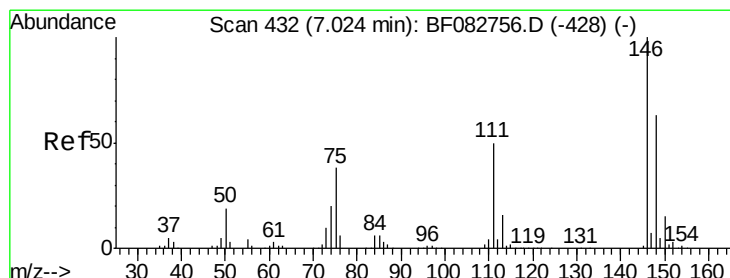
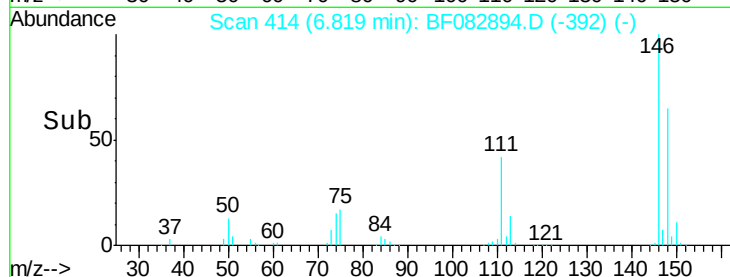
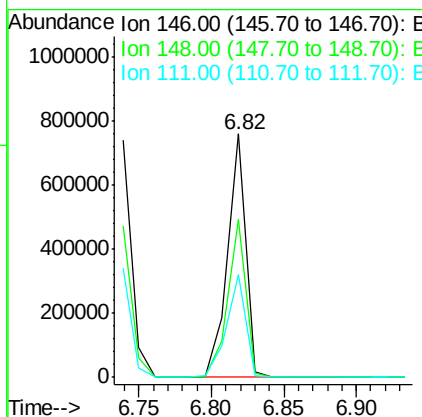
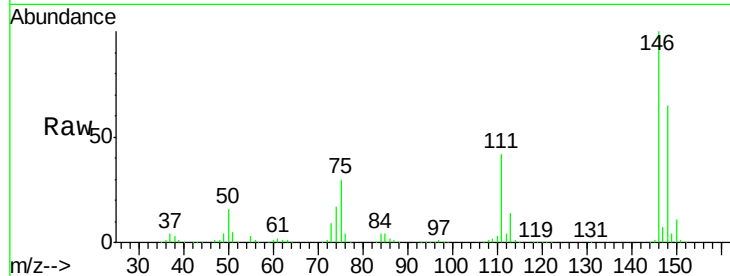
#13
 1,4-Dichlorobenzene
 Concen: 29.67 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.1	40.6	60.8

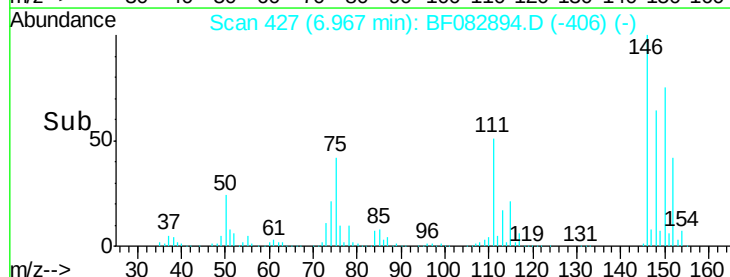
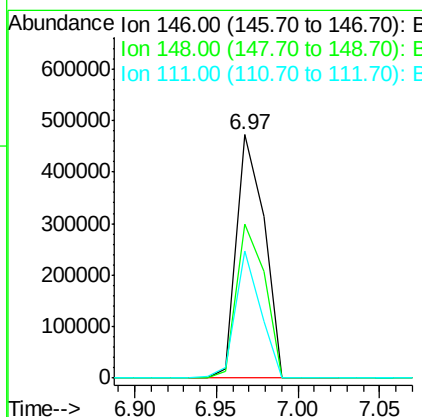
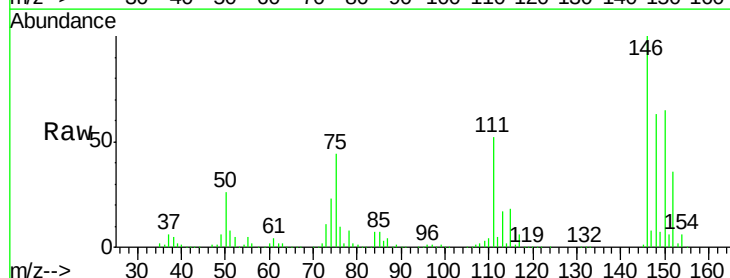
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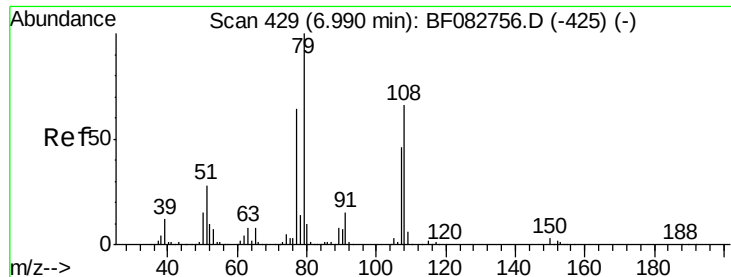
Mmdadoda
 11/16/2015 12:43:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.37 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	52.1	36.6	55.0





#15

Benzyl Alcohol

Concen: 26.19 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

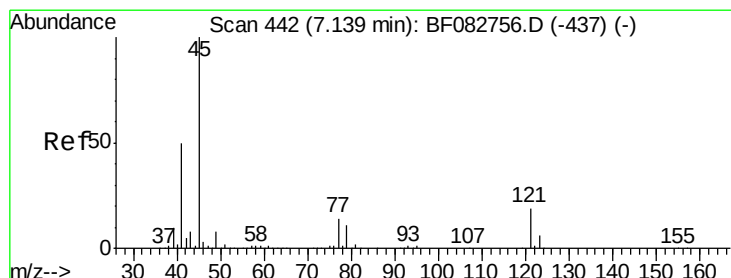
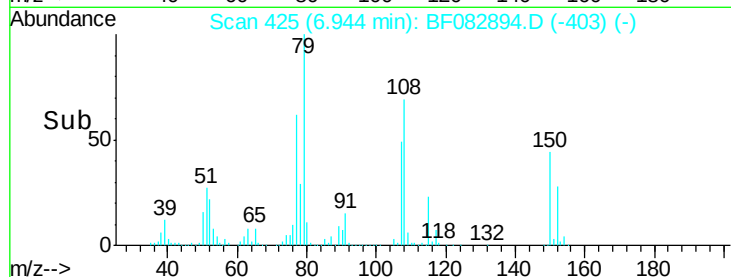
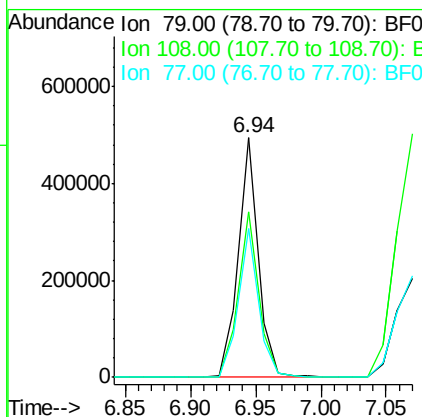
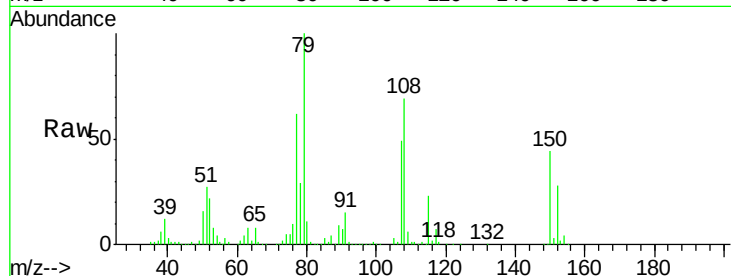
ClientSampleId :

PB86628BS

Tgt Ion:	79	Resp:	522444
Ion Ratio	Lower	Upper	
79	100		
108	69.1	52.2	78.4
77	62.2	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

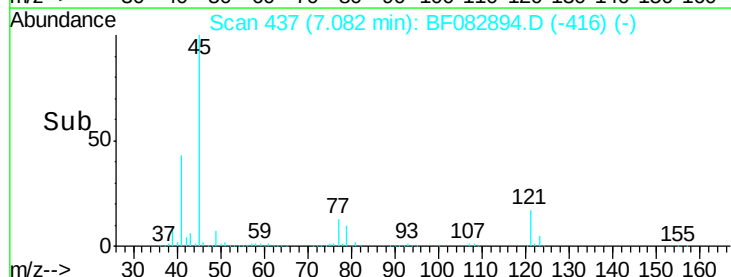
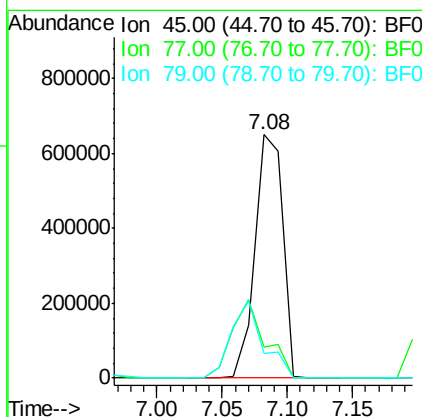
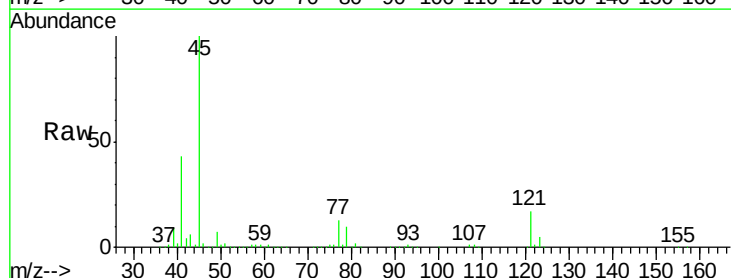
RT: 7.08 min Scan# 437

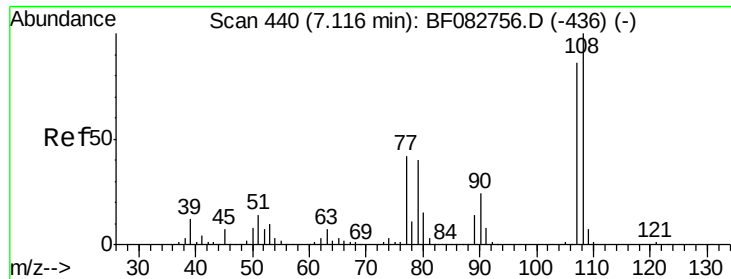
Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	45	Resp:	964488
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.6
79	10.2	0.0	29.2





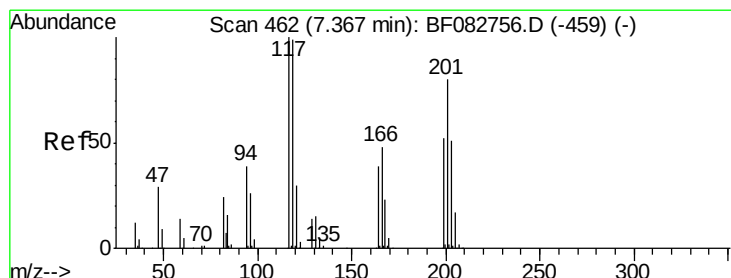
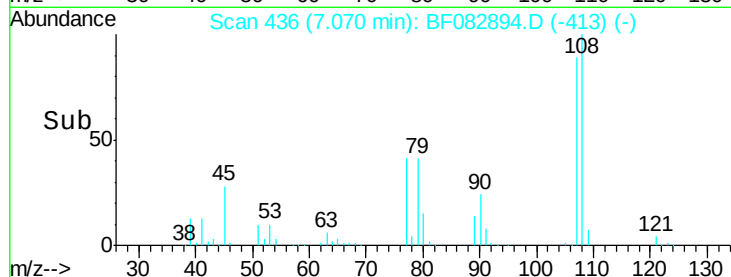
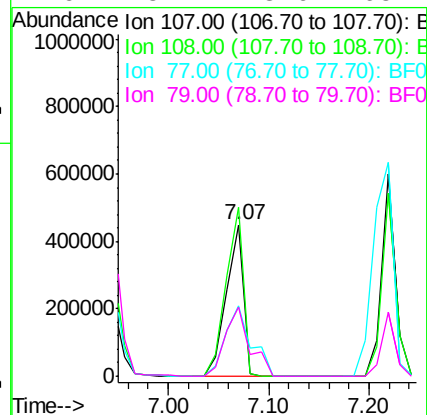
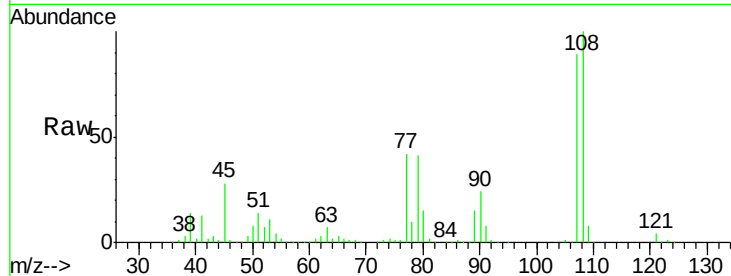
#17
2-Methylphenol
Concen: 33.01 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	112.0	93.0	139.4	
77	46.8	44.1	66.1	
79	45.7	43.6	65.4	

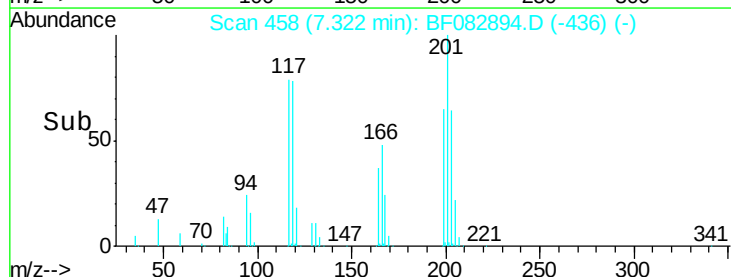
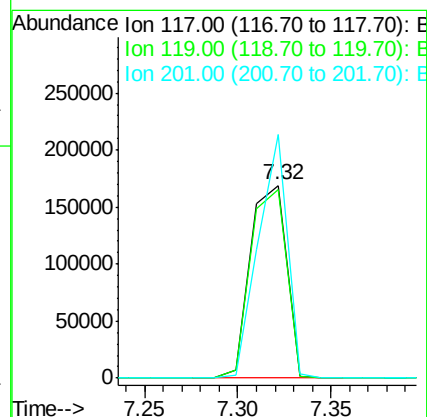
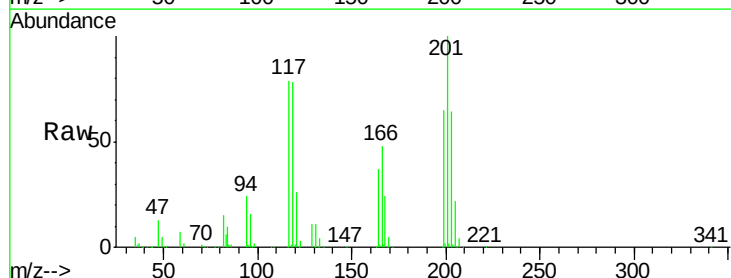
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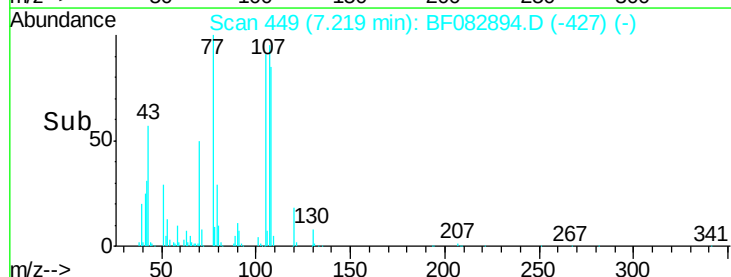
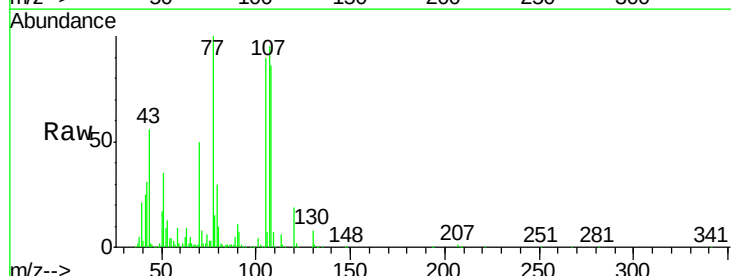
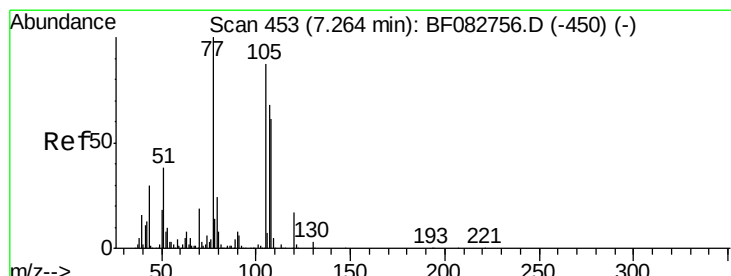
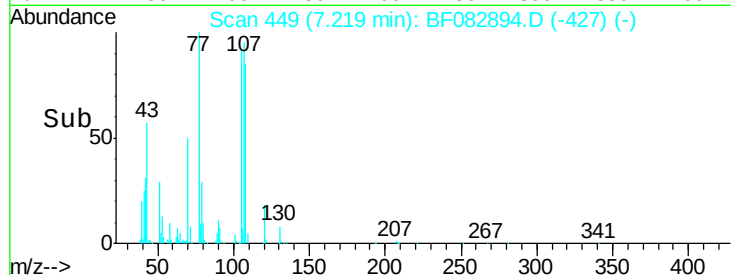
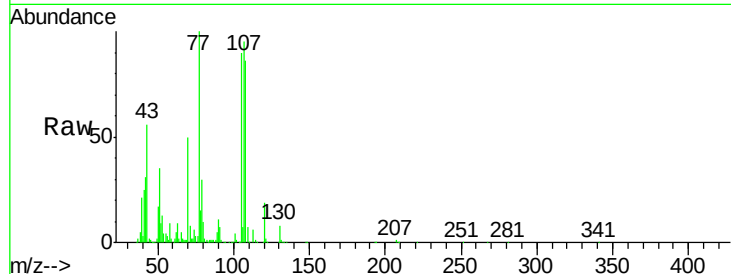
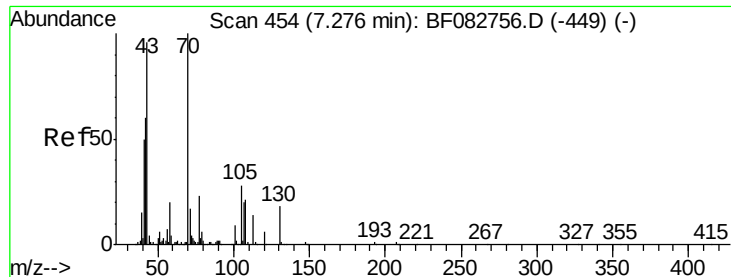
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#18
Hexachloroethane
Concen: 28.52 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt	Ion	Resp	Lower	Upper
117	100			
119	98.1	77.7	116.5	
201	126.3	66.7	100.1#	





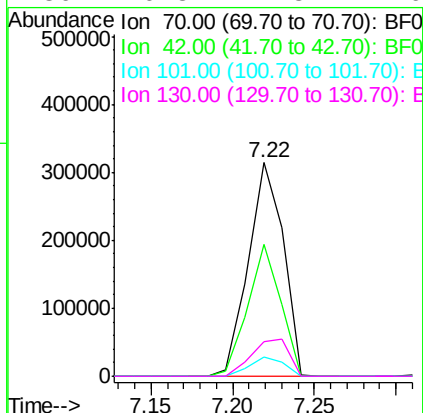
#19
n-Nitroso-di-n-propylamine
Concen: 27.93 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

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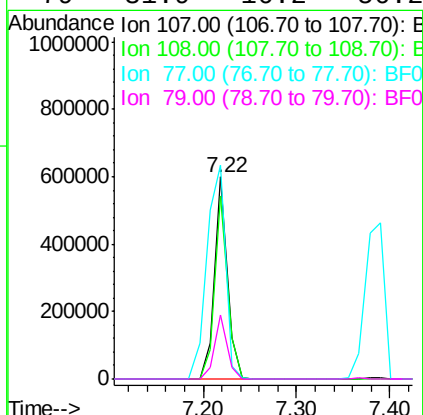
Mmdadoda
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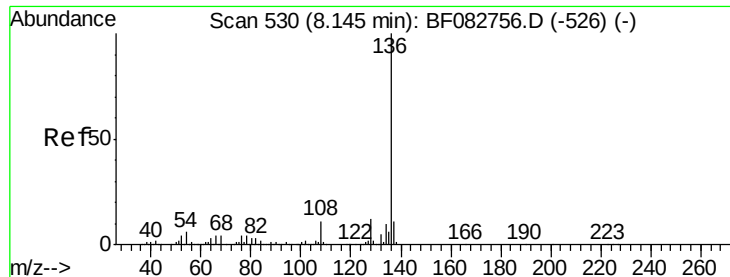
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.5	57.7	86.5
101	8.9	7.0	10.6
130	16.3	11.8	17.6



#20
3+4-Methylphenols
Concen: 27.64 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.3	107.3
77	105.8	100.3	140.3
79	31.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082894.D

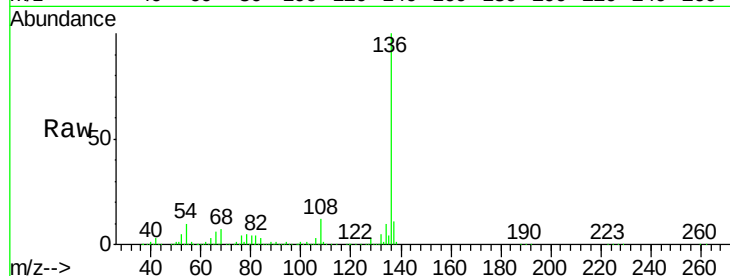
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS



Tgt Ion:136 Resp: 1072448

Ion Ratio Lower Upper

136 100

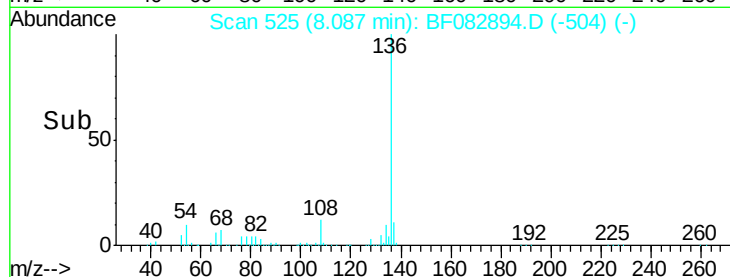
137 11.4 9.1 13.7

54 10.0 9.1 13.7

68 7.2 4.8 7.2#

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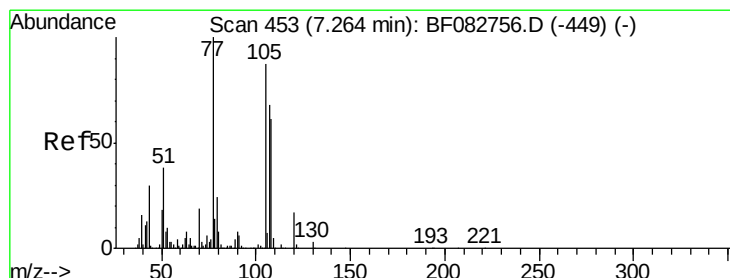
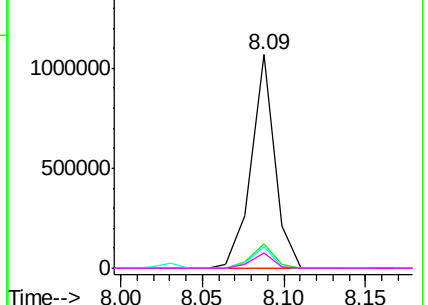


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

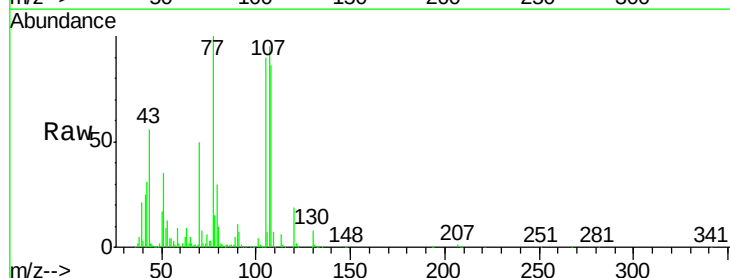
Concen: 27.74 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39



Tgt Ion:105 Resp: 852534

Ion Ratio Lower Upper

105 100

71 9.1 5.6 8.4#

51 38.5 24.9 37.3#

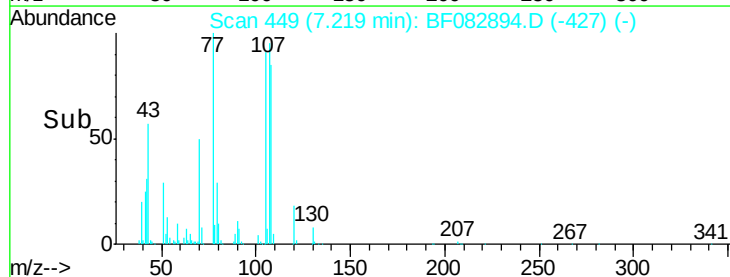
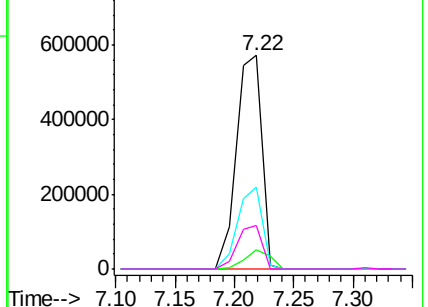
120 20.5 15.8 23.8

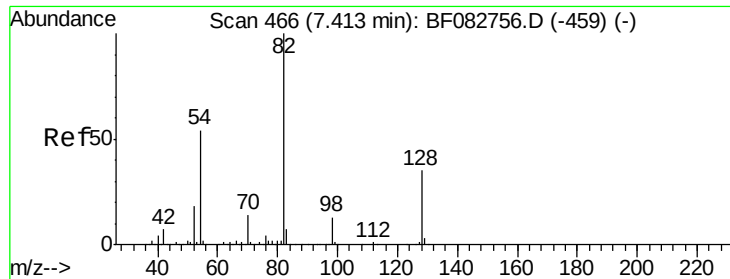
Abundance Ion 105.00 (104.70 to 105.70): E

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





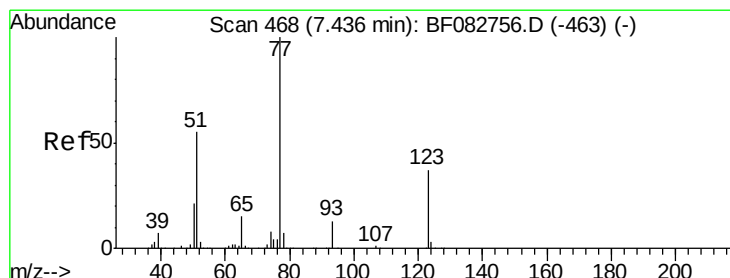
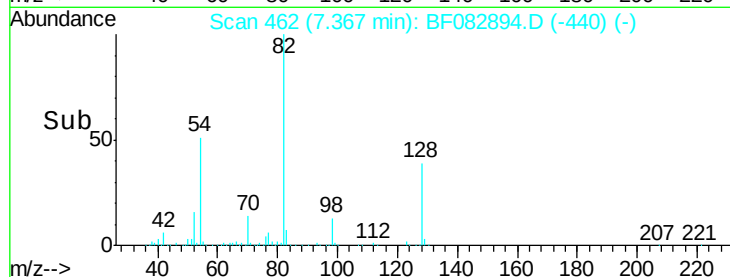
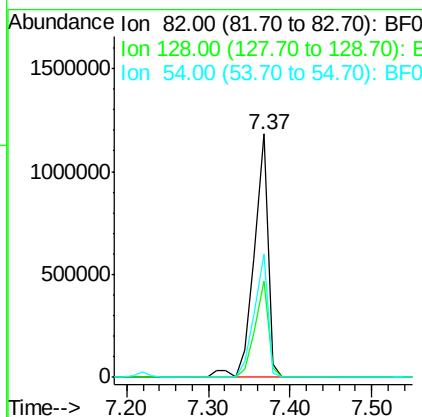
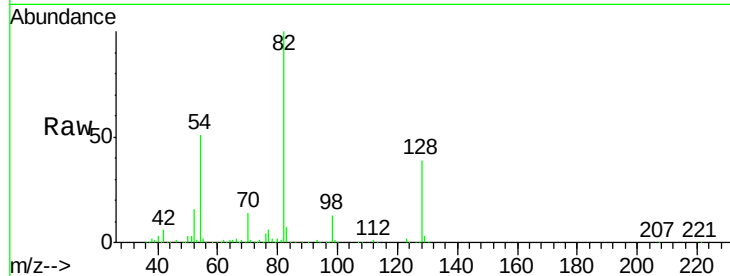
#23
 Nitrobenzene-d5
 Concen: 56.31 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion: 82 Resp: 1387828
 Ion Ratio Lower Upper
 82 100
 128 39.4 26.8 40.2
 54 50.9 45.7 68.5

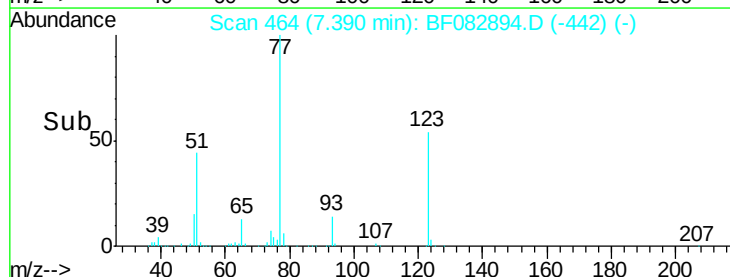
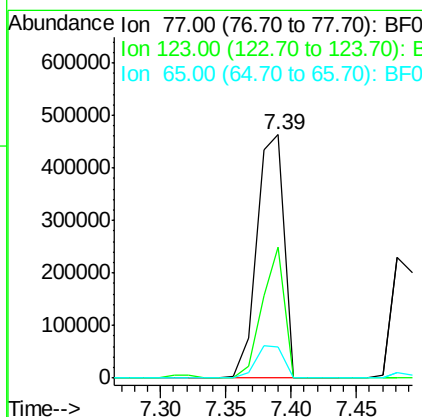
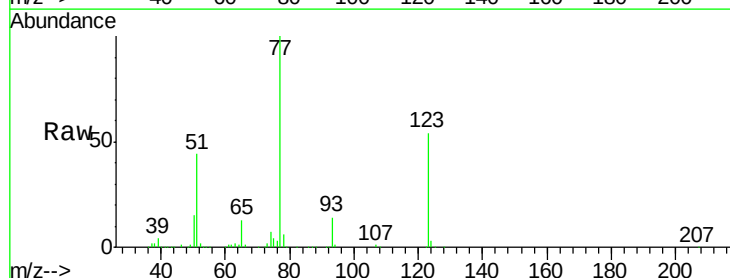
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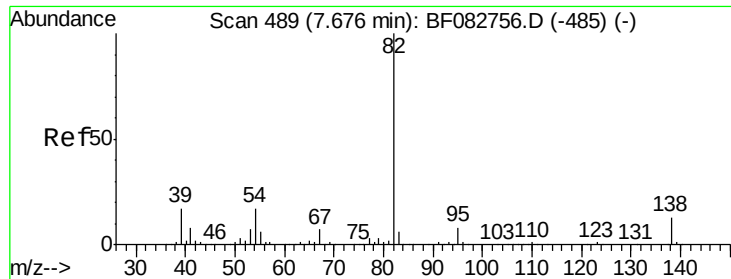
Mmdadoda
 11/16/2015 12:43:57 PM



#24
 Nitrobenzene
 Concen: 26.61 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion: 77 Resp: 670727
 Ion Ratio Lower Upper
 77 100
 123 53.9 36.4 54.6
 65 12.6 11.5 17.3





#25

Isophorone

Concen: 28.05 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion: 82 Resp: 1279208

Ion Ratio Lower Upper

82 100

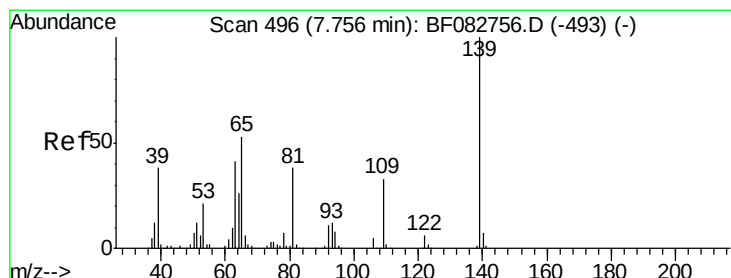
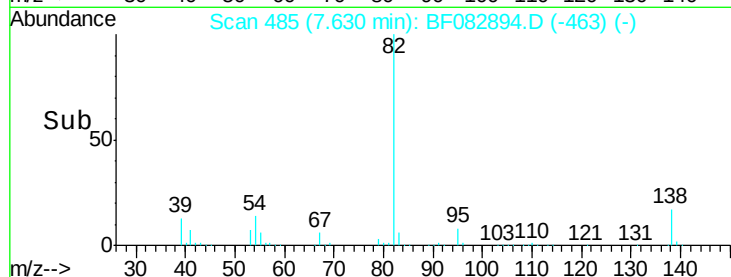
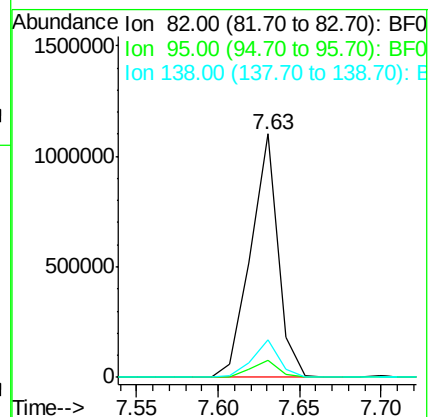
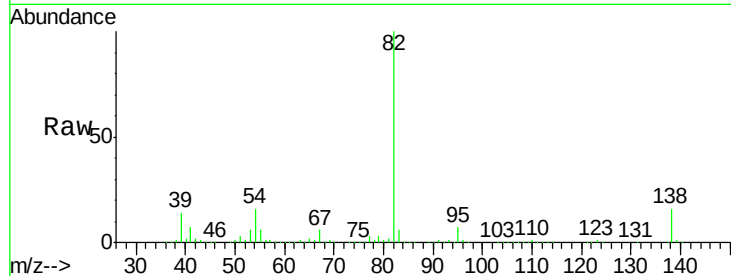
95 7.1 6.6 9.8

138 15.6 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.13 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

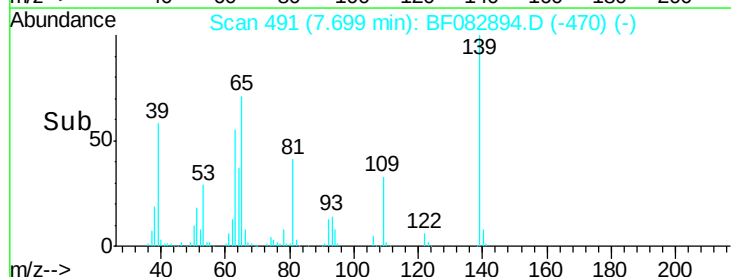
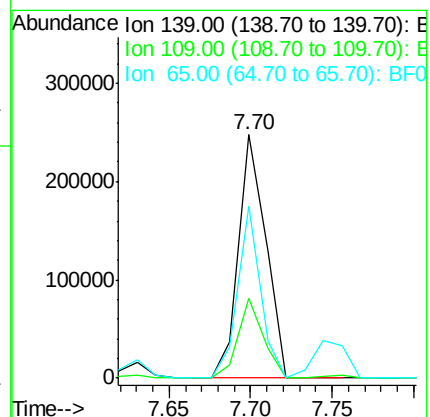
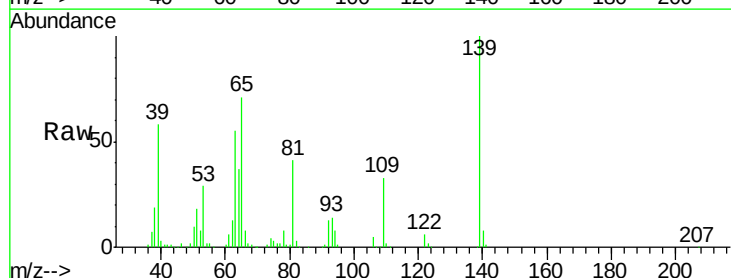
Tgt Ion: 139 Resp: 285417

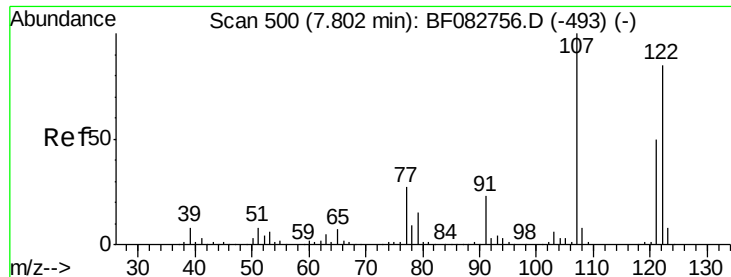
Ion Ratio Lower Upper

139 100

109 32.9 37.6 56.4#

65 70.6 70.6 105.8





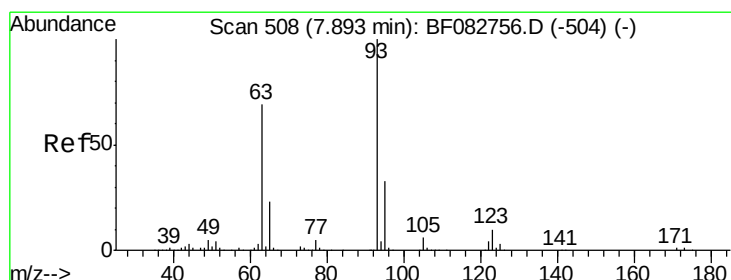
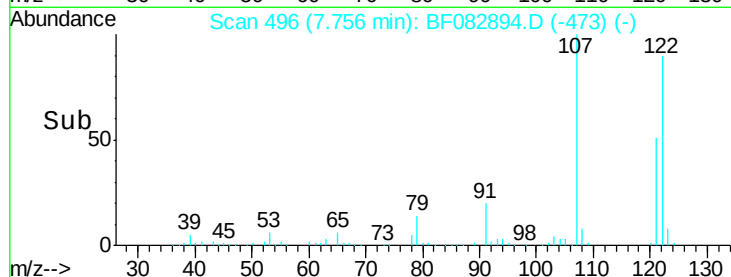
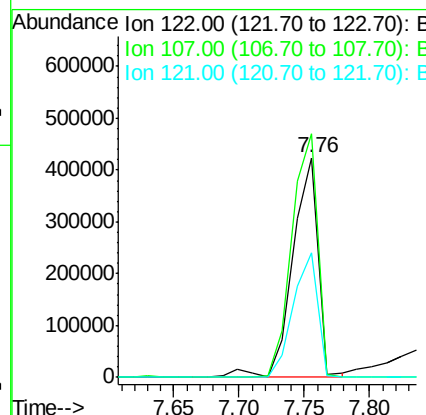
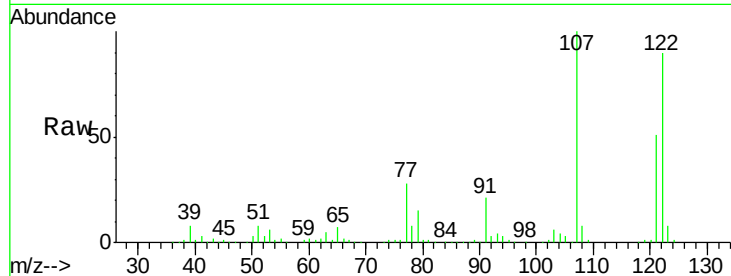
#27
 2,4-Dimethylphenol
 Concen: 30.68 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	579880		
107	110.7	106.0	159.0	
121	56.7	46.7	70.1	

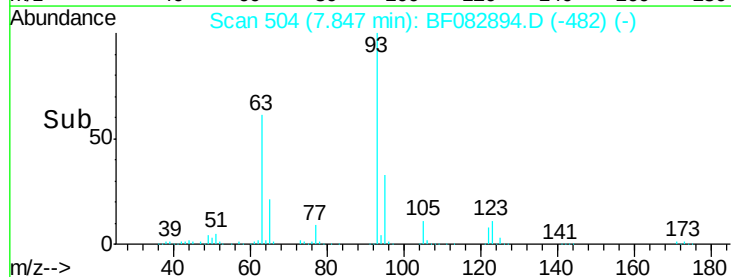
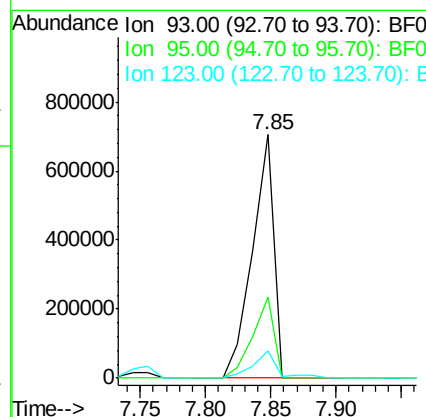
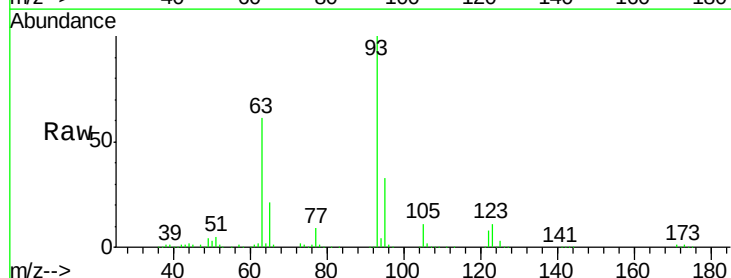
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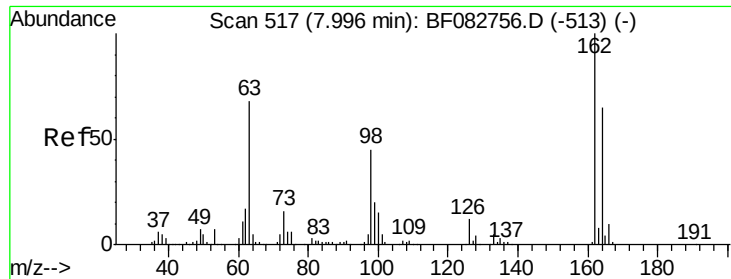
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.46 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	809260		
95	33.5	26.6	40.0	
123	11.2	9.7	14.5	





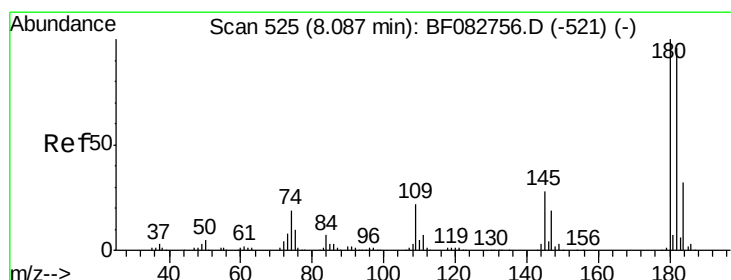
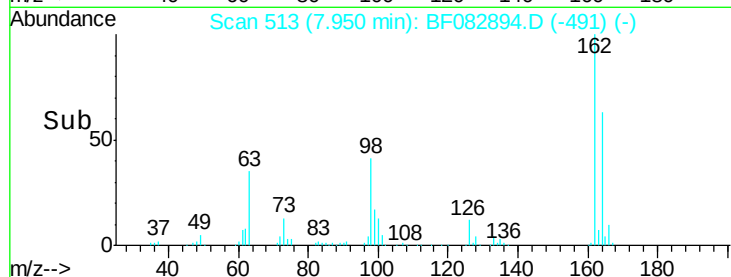
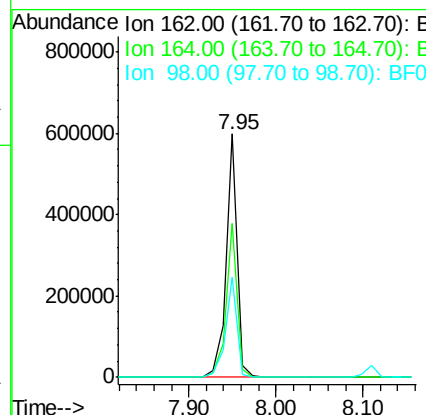
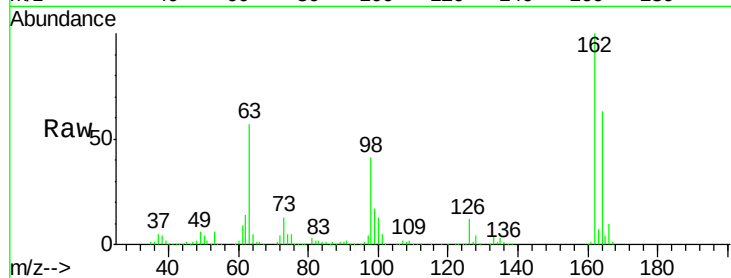
#29
2,4-Dichlorophenol
Concen: 31.30 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:	162	Resp:	534781
Ion Ratio	Lower	Upper	
162	100		
164	63.0	46.8	86.8
98	40.9	12.5	52.5

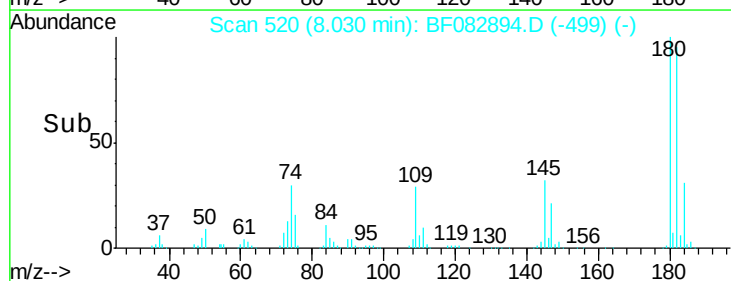
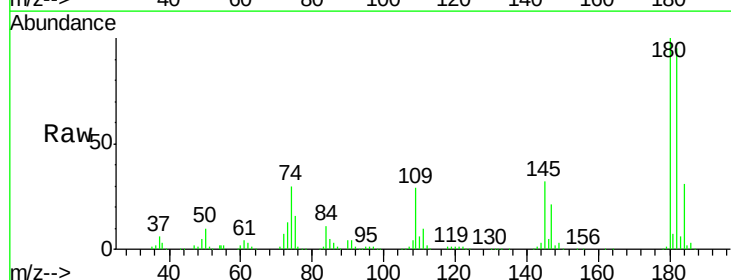
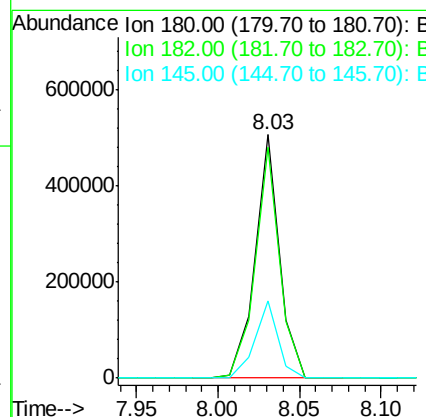
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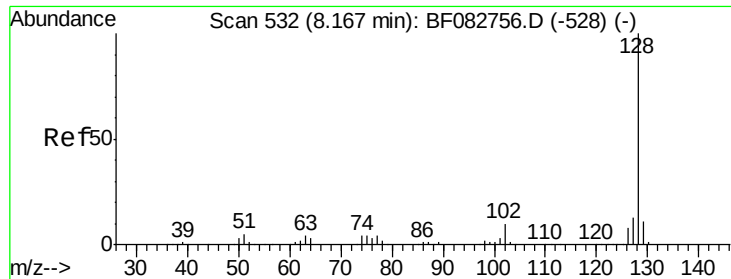
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#30
1,2,4-Trichlorobenzene
Concen: 27.17 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:	180	Resp:	521997
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.9	112.3
145	31.8	27.8	41.8





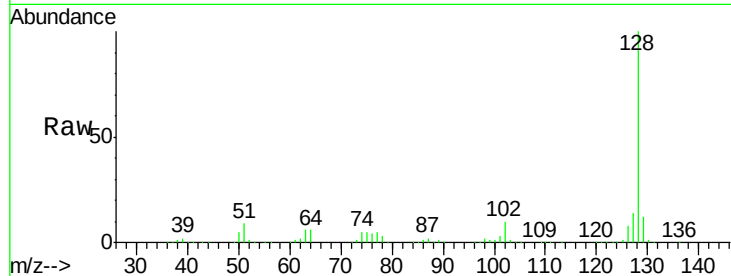
#31
Naphthalene
Concen: 27.42 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

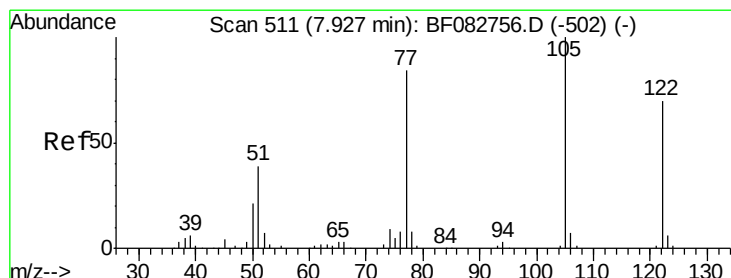
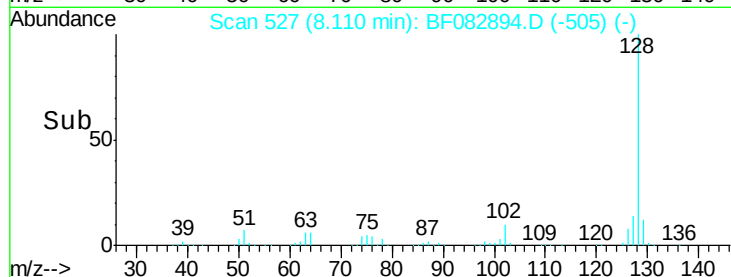
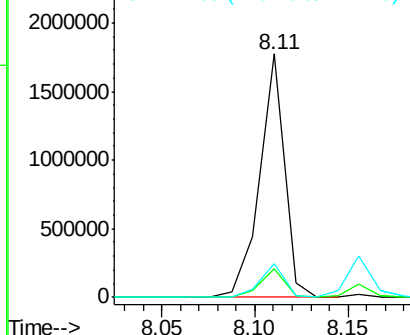
Tgt Ion:128 Resp: 1622486
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.1 11.4 17.0

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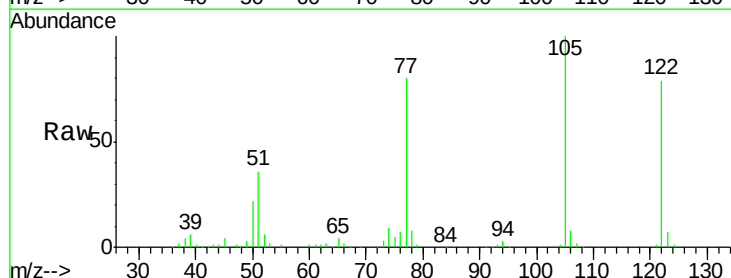


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

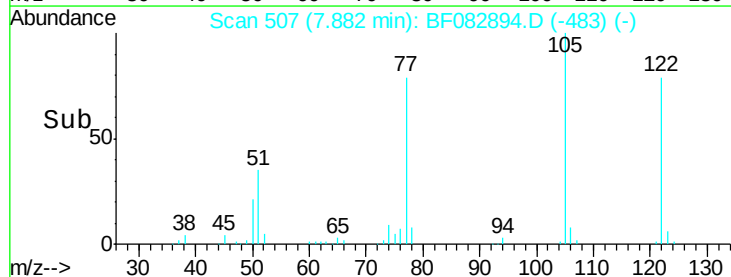
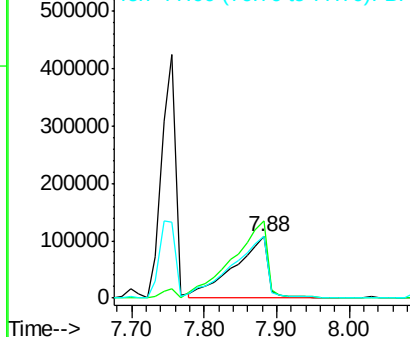


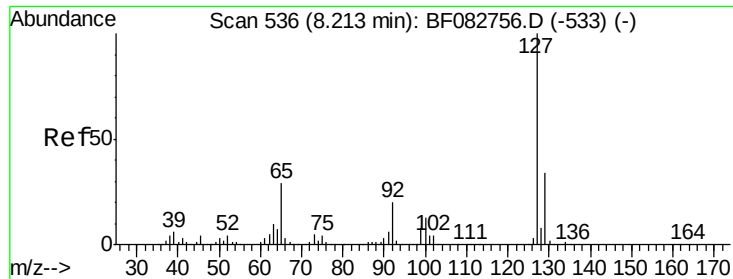
#32
Benzoic acid
Concen: 26.99 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:122 Resp: 349297
Ion Ratio Lower Upper
122 100
105 125.9 122.6 162.6
77 101.3 100.9 140.9



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





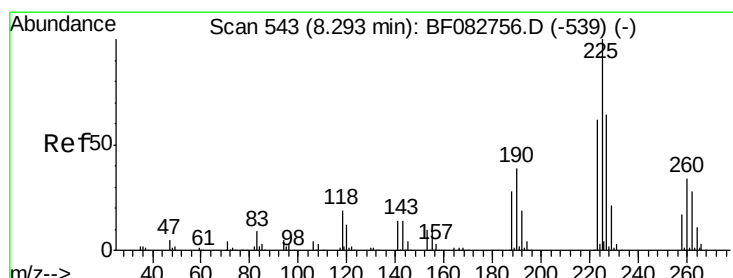
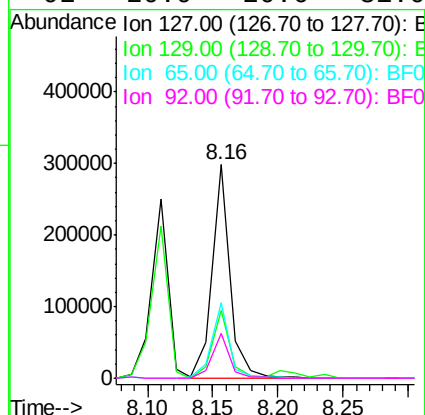
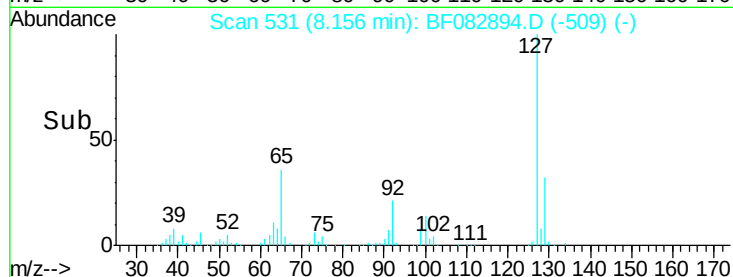
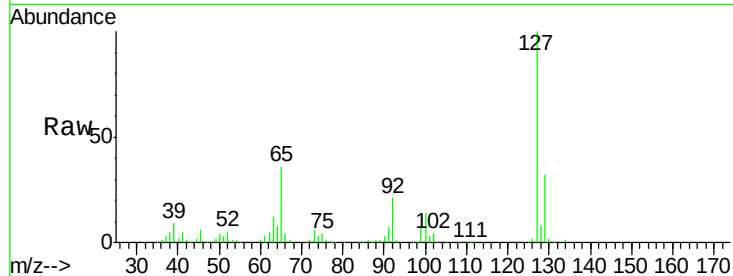
#33
4-Chloroaniline
Concen: 11.27 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.7	26.3	39.5
65	35.6	37.8	56.8
92	20.9	20.6	31.0

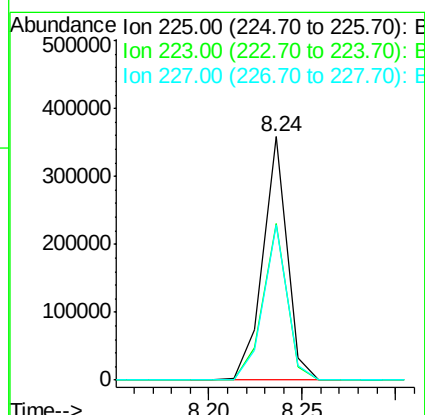
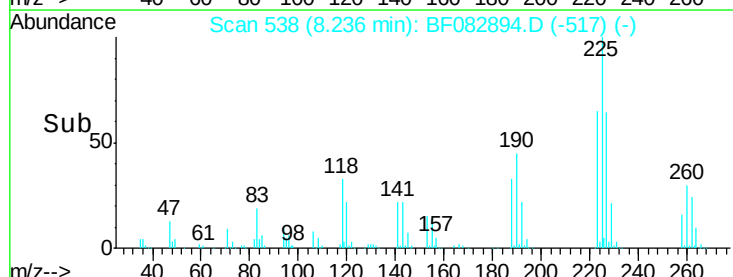
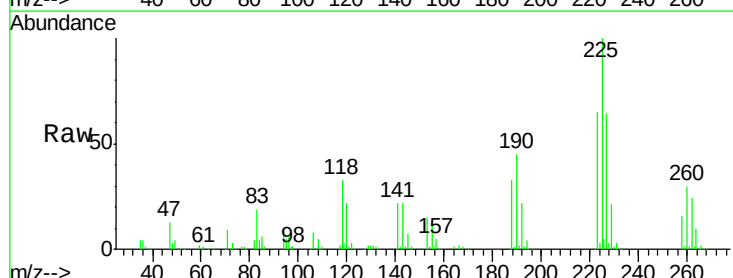
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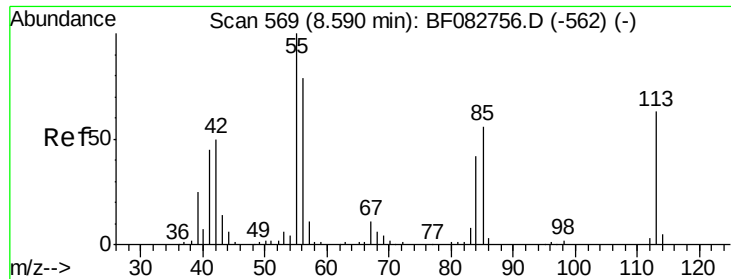
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#34
Hexachlorobutadiene
Concen: 26.63 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.5	50.5	75.7
227	64.0	50.2	75.2





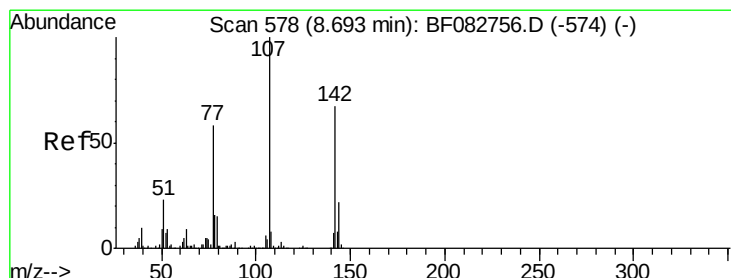
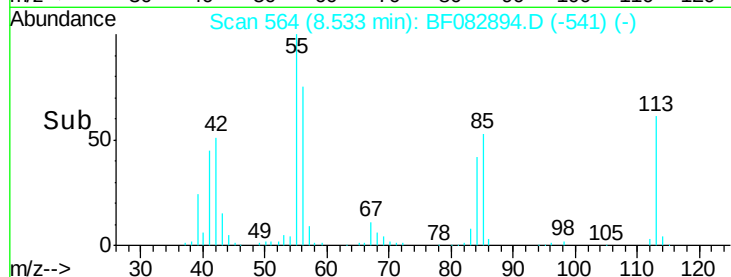
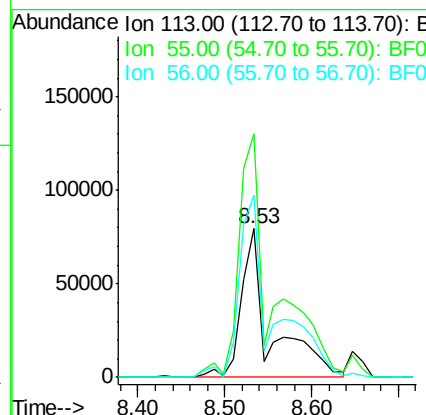
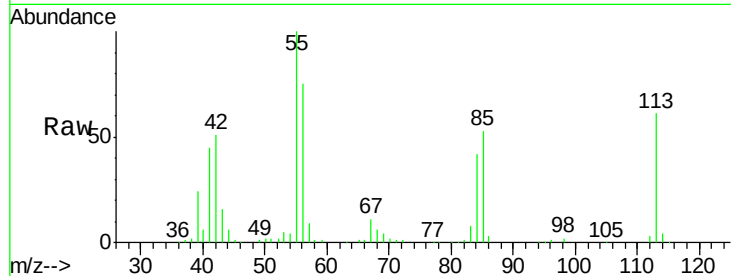
#35
 Caprolactam
 Concen: 33.85 ng m
 RT: 8.53 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.9	195.5	235.5#
56	122.8	153.5	193.5#

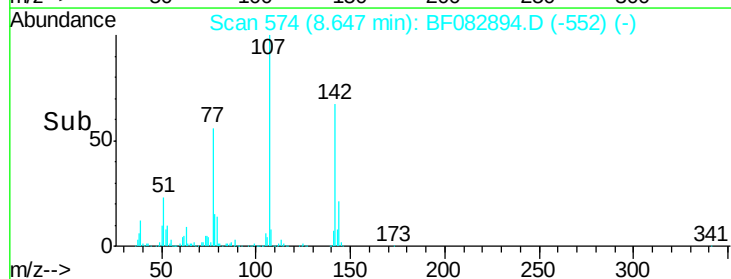
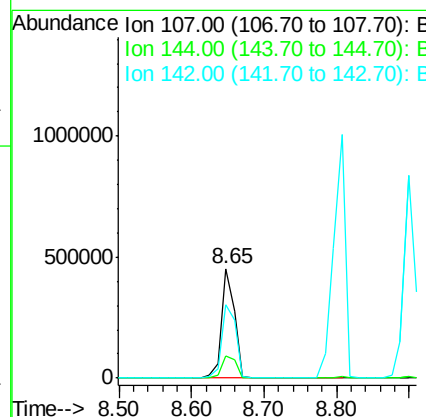
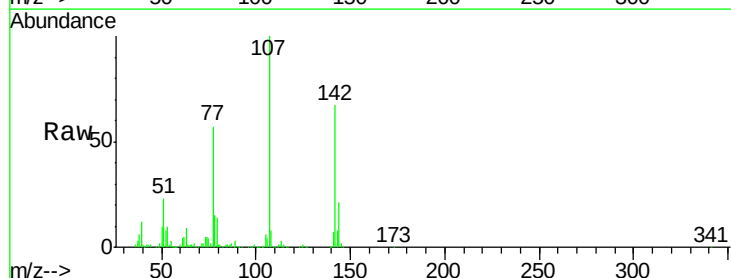
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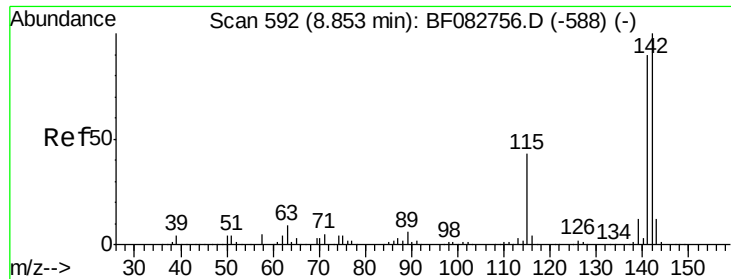
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#36
 4-Chloro-3-methylphenol
 Concen: 27.77 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.8	15.4	23.0
142	67.1	47.8	71.8





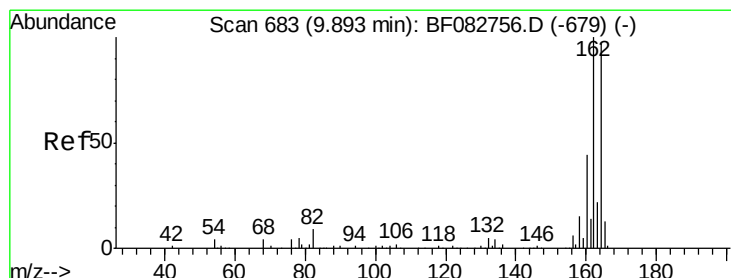
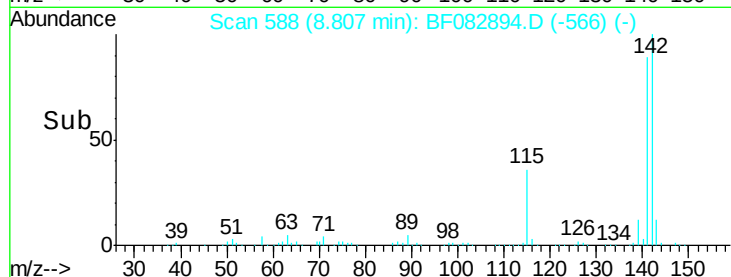
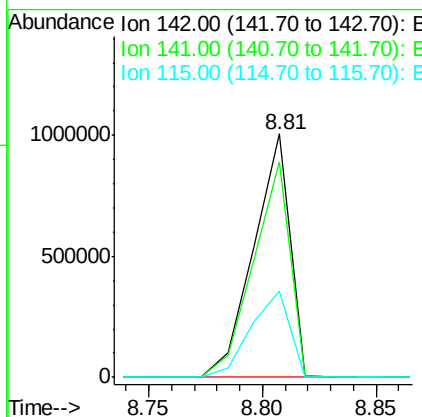
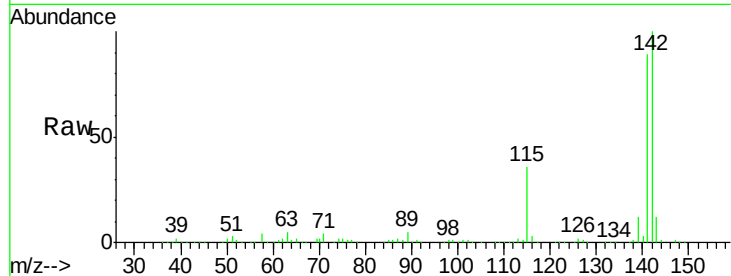
#37
 2-Methylnaphthalene
 Concen: 29.61 ng m
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.3	108.5
115	35.7	38.1	57.1

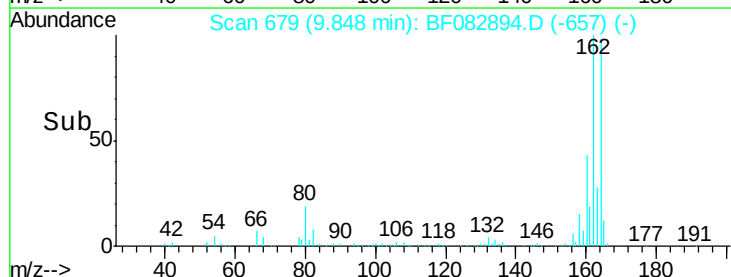
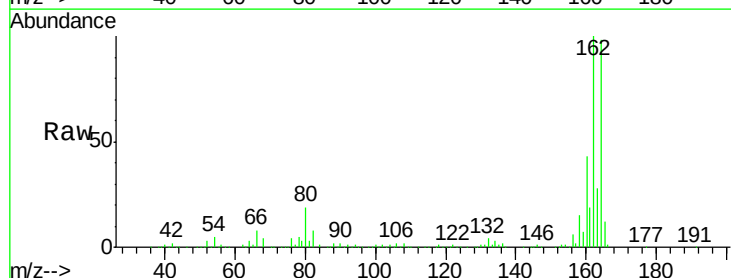
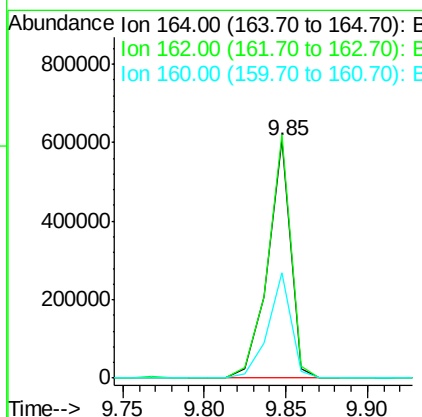
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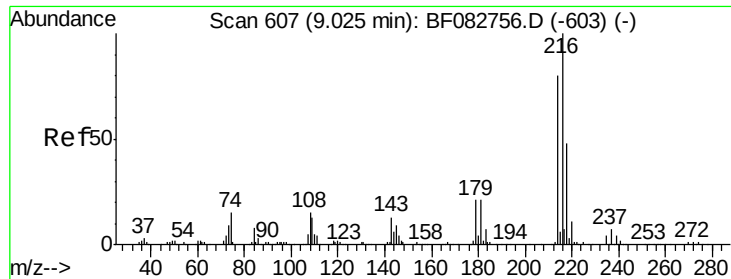
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	84.9	127.3
160	44.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.45 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF082894.D

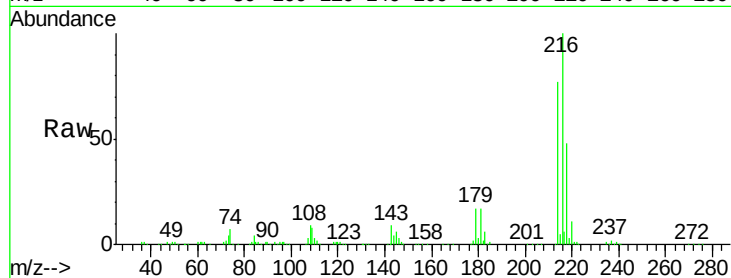
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS



Tgt Ion: 216 Resp: 493086

Ion Ratio Lower Upper

216 100

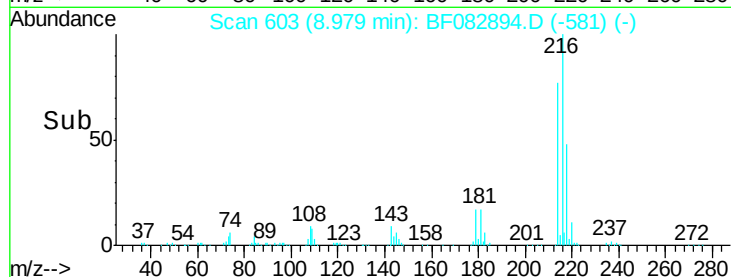
214 78.7 62.2 93.2

179 20.6 18.1 27.1

108 20.3 16.6 25.0

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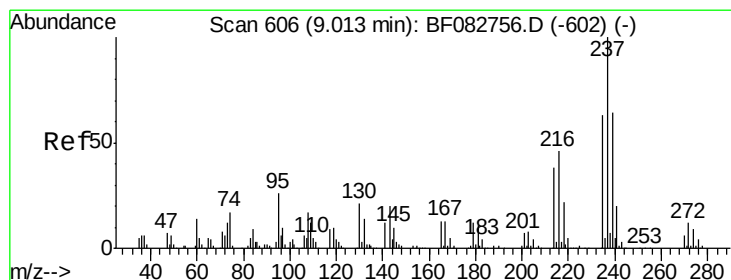
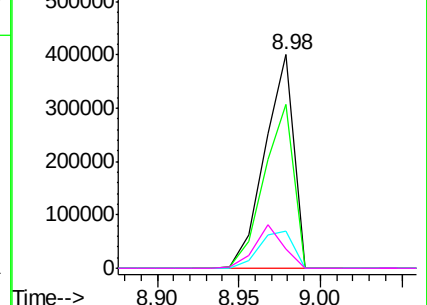


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.81 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

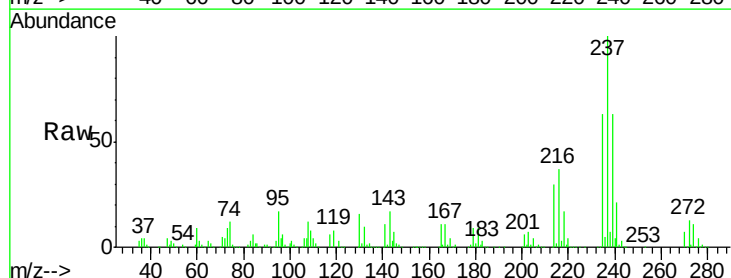
Tgt Ion: 237 Resp: 633053

Ion Ratio Lower Upper

237 100

235 62.8 44.3 84.3

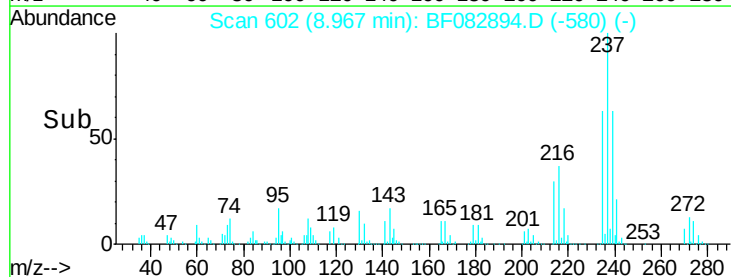
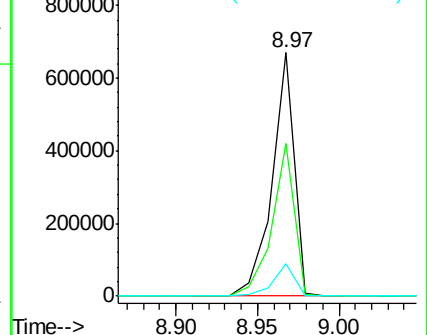
272 13.1 0.0 31.9

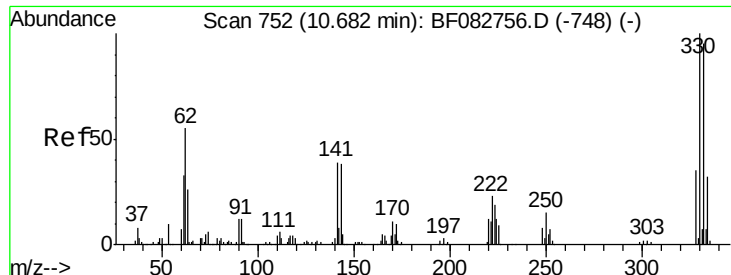


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





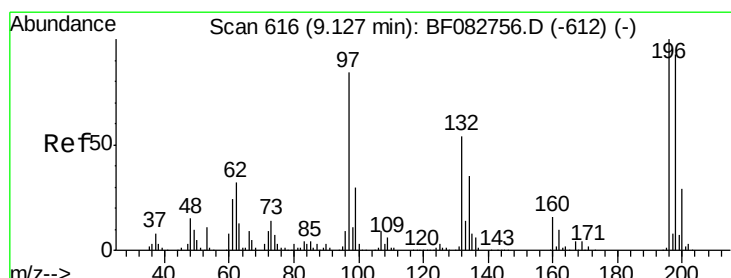
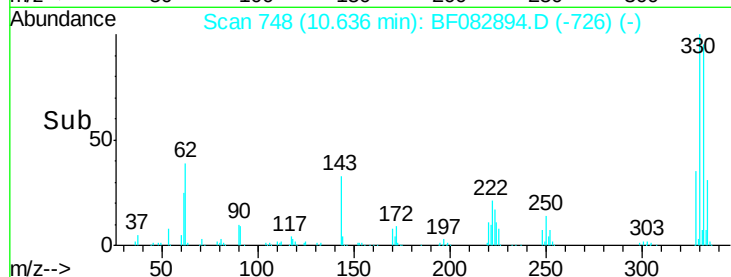
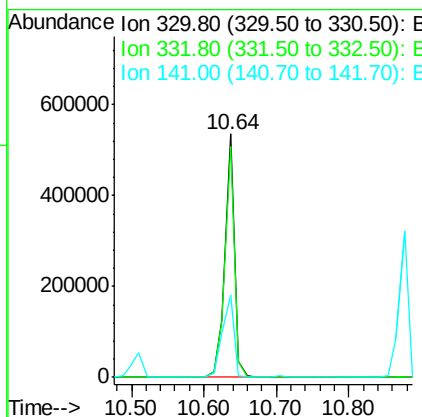
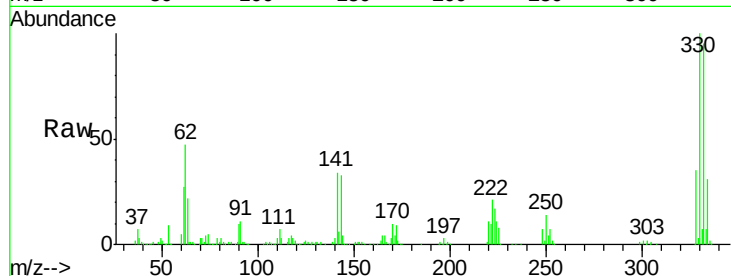
#41
 2,4,6-Tribromophenol
 Concen: 72.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	492428		
332	95.3	76.6	114.8	
141	40.8	41.2	61.8#	

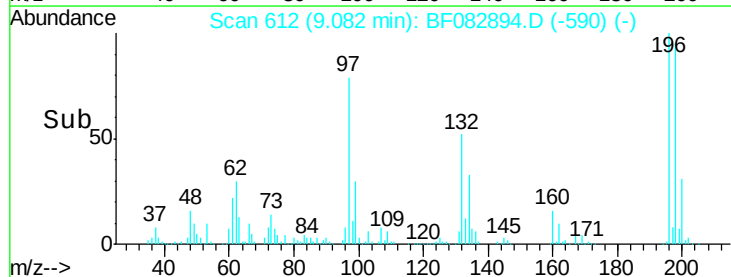
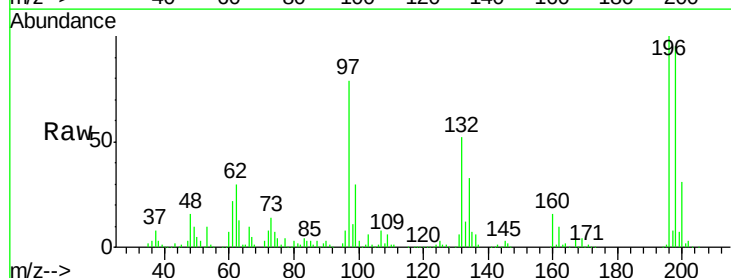
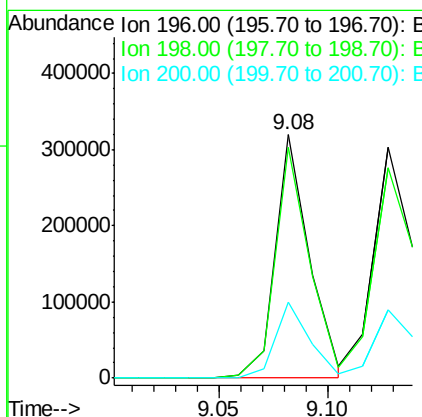
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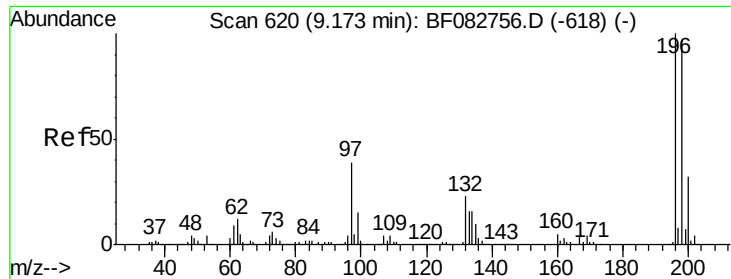
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#42
 2,4,6-Trichlorophenol
 Concen: 24.26 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

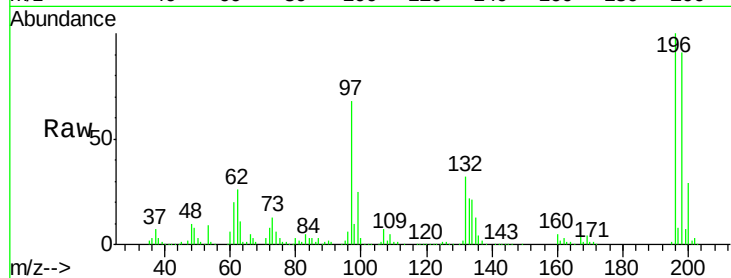
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	350867		
198	94.8	76.3	114.5	
200	31.0	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 25.91 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

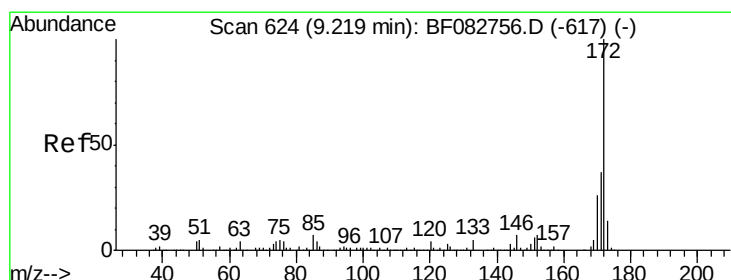
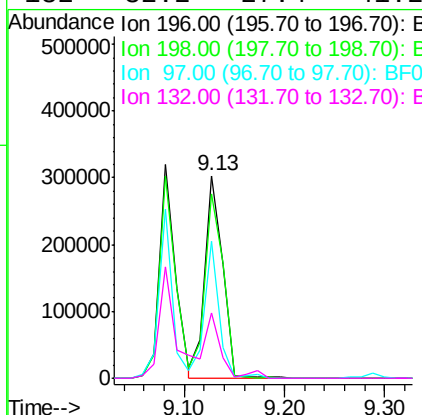
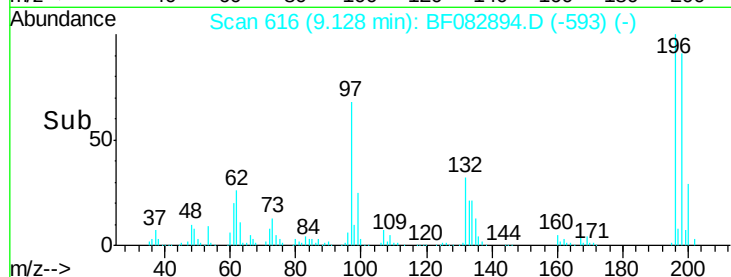
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		370627		
198	91.3	75.8	113.8		
97	67.8	62.3	93.5		
132	32.2	27.4	41.2		

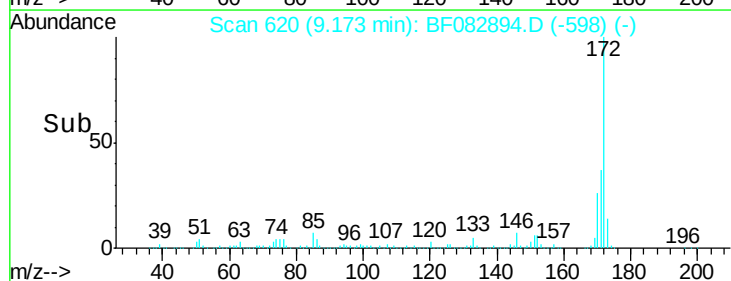
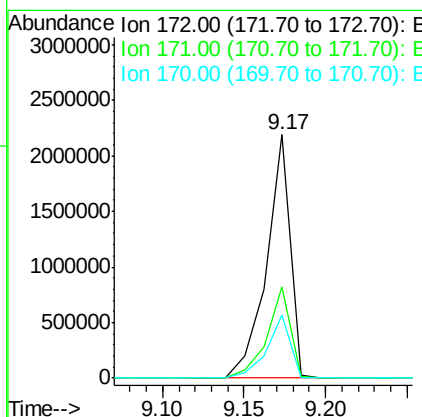
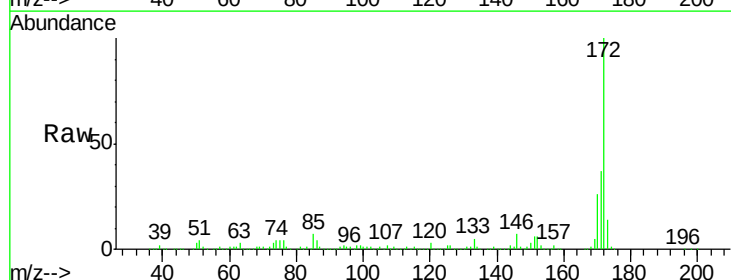
Manual Integrations
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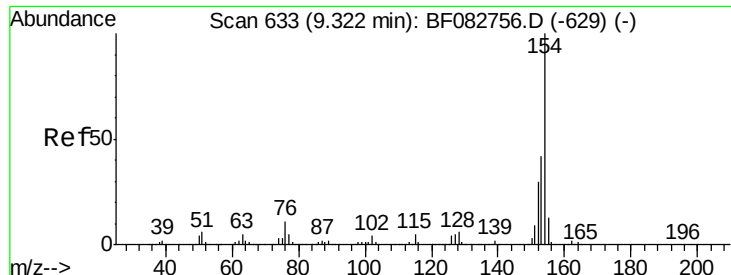
Mmdadoda
 11/16/2015 12:43:57 PM



#44
 2-Fluorobiphenyl
 Concen: 53.83 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2214425		
171	37.4	30.8	46.2		
170	26.1	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 25.05 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:154 Resp: 1267600

Ion Ratio Lower Upper

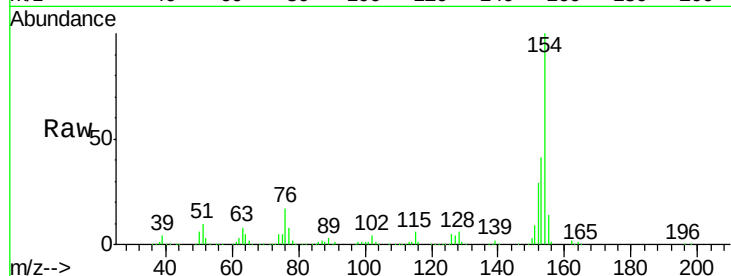
154 100

153 41.2 22.0 62.0

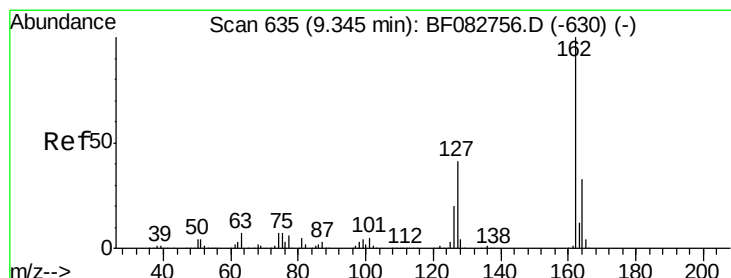
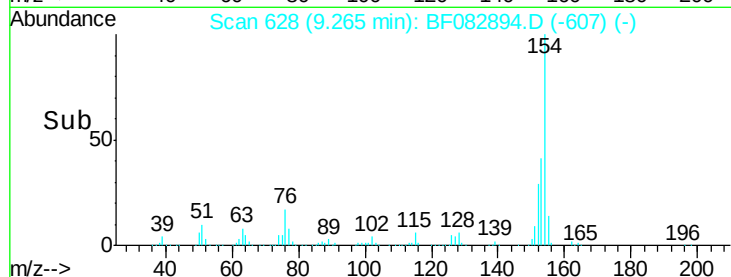
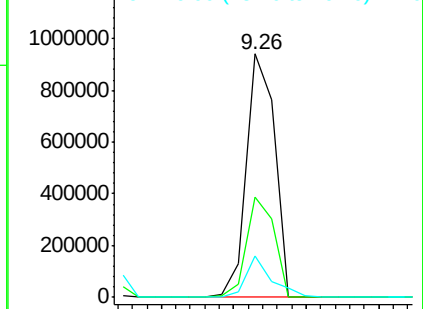
76 17.0 0.0 29.0

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



#46

2-Chloronaphthalene

Concen: 24.40 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

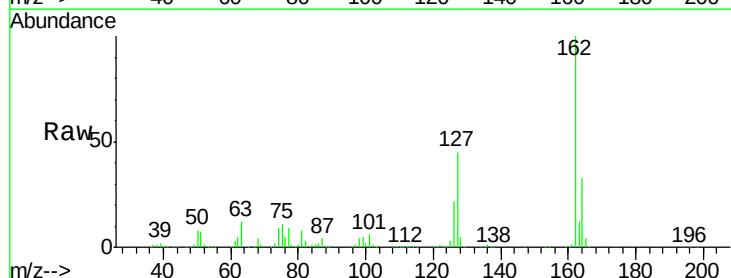
Tgt Ion:162 Resp: 962965

Ion Ratio Lower Upper

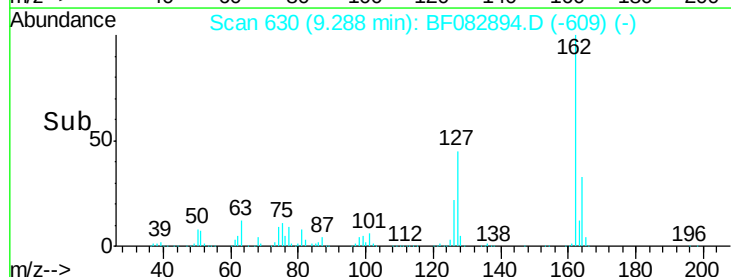
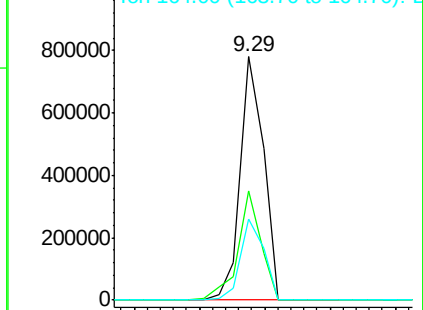
162 100

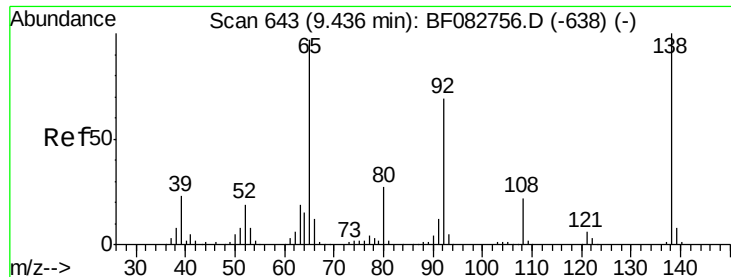
127 44.6 32.7 49.1

164 33.4 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





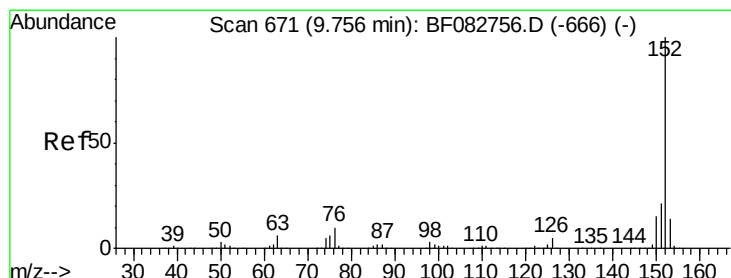
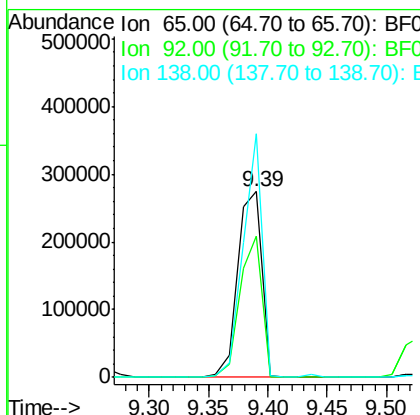
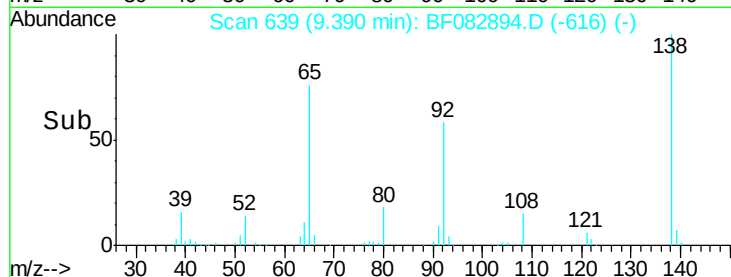
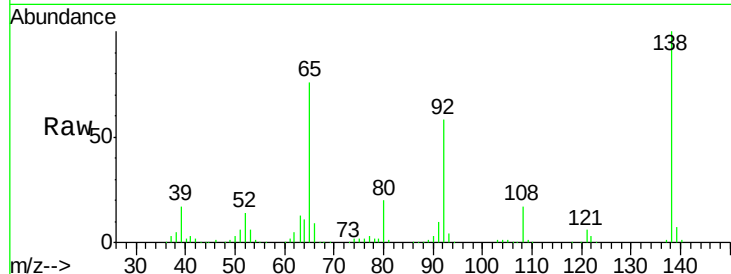
#47
 2-Nitroaniline
 Concen: 26.53 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:	65	Resp:	388399
Ion Ratio	Lower	Upper	
65	100		
92	76.0	46.6	70.0#
138	131.0	54.6	81.8#

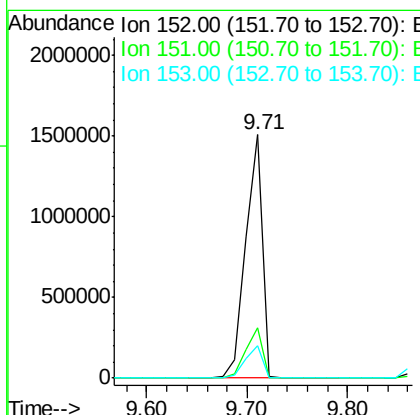
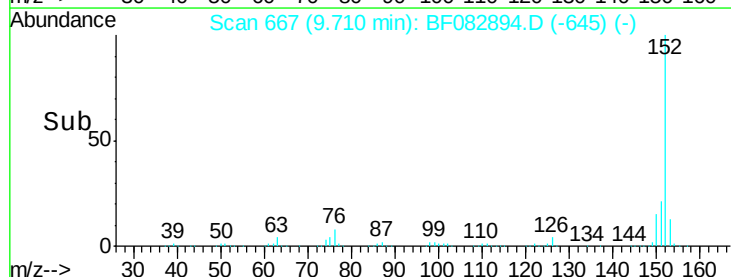
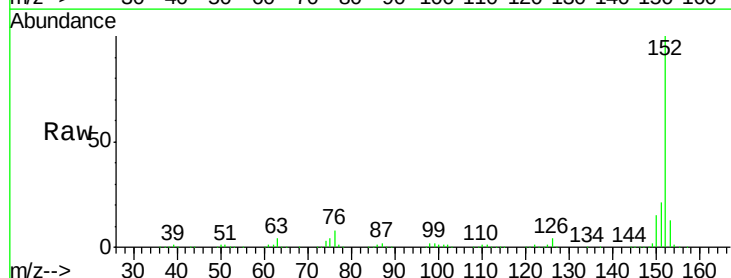
Manual Integrations
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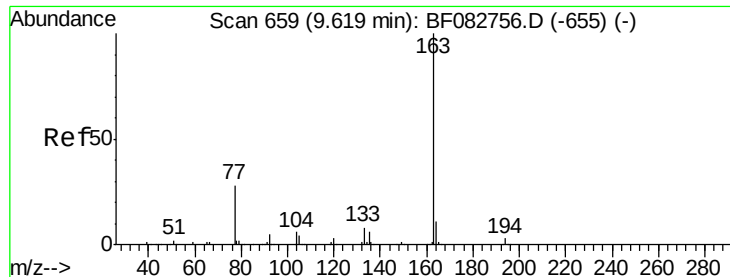
Mmdadoda
 11/16/2015 12:43:57 PM



#48
 Acenaphthylene
 Concen: 27.94 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:	152	Resp:	1728249
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.3	25.9
153	13.2	11.3	16.9





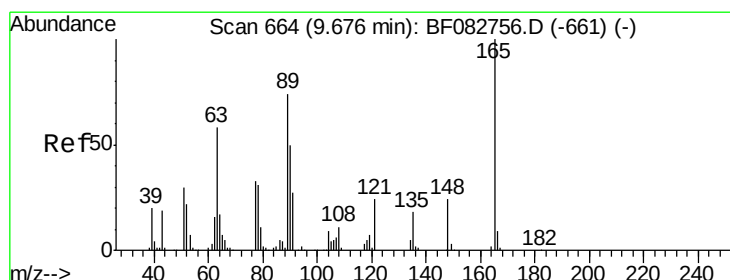
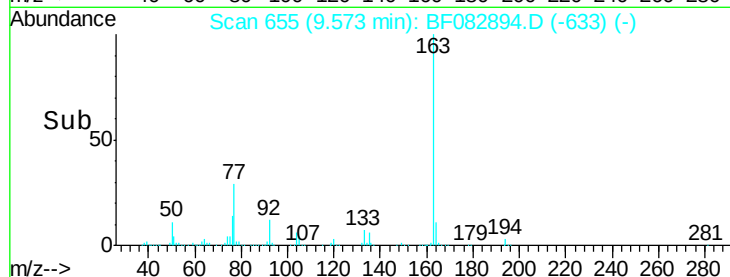
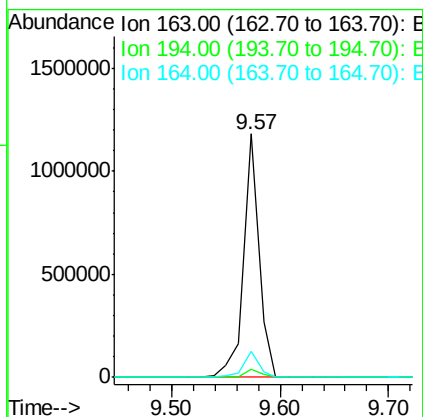
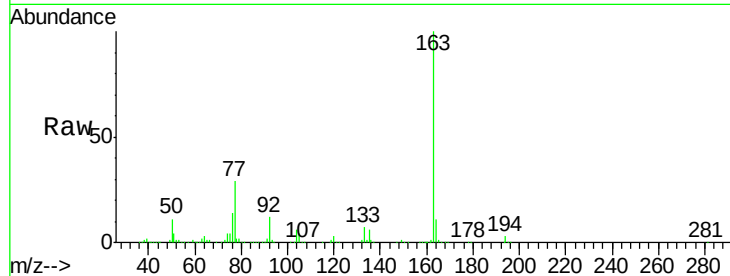
#49
Dimethylphthalate
Concen: 23.81 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:163 Resp: 1150385
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.7 13.1

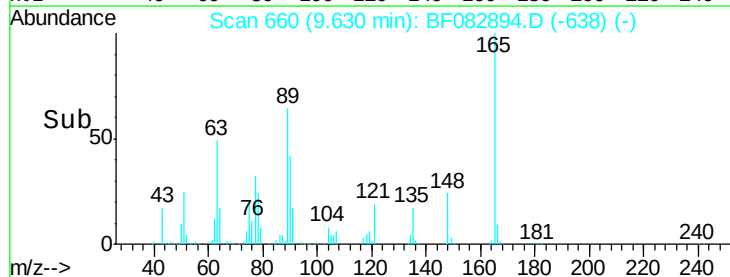
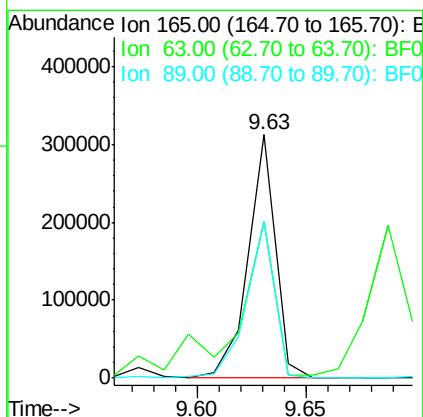
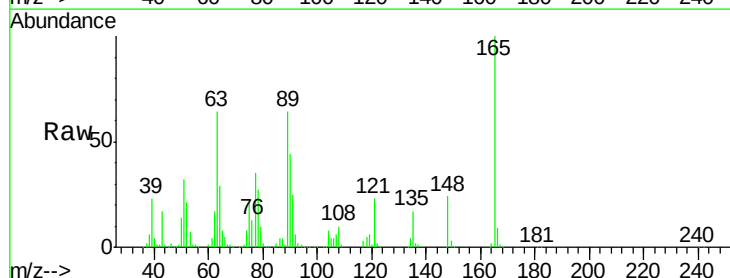
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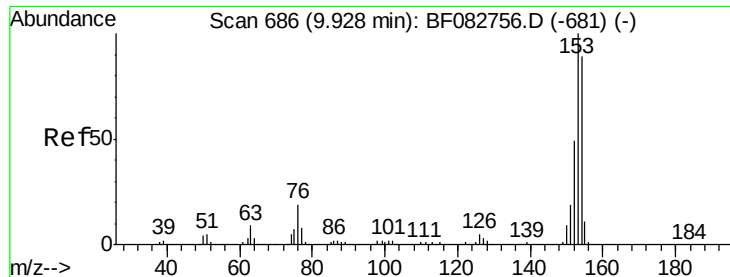
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11/16/2015 12:43:57 PM



#50
2,6-Dinitrotoluene
Concen: 26.64 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:165 Resp: 274576
Ion Ratio Lower Upper
165 100
63 64.2 55.5 83.3
89 64.4 55.0 82.6





#51

Acenaphthene

Concen: 31.58 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082894.D

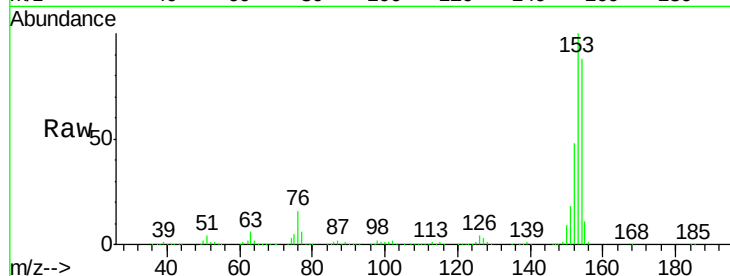
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS



Tgt Ion:154 Resp: 1237998

Ion Ratio Lower Upper

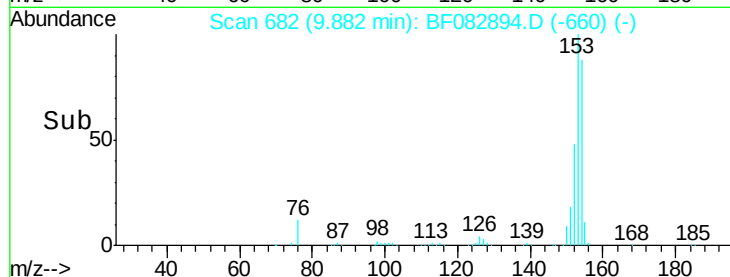
154 100

153 113.3 90.1 135.1

152 54.4 44.3 66.5

Manual Integrations
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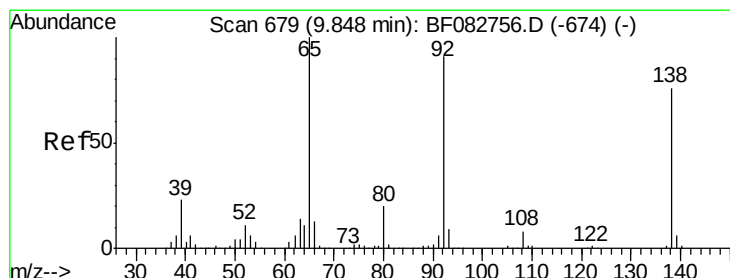
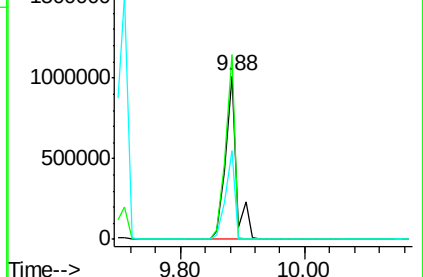
Mmdadoda
11/16/2015 12:43:57 PM



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: 14.83 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

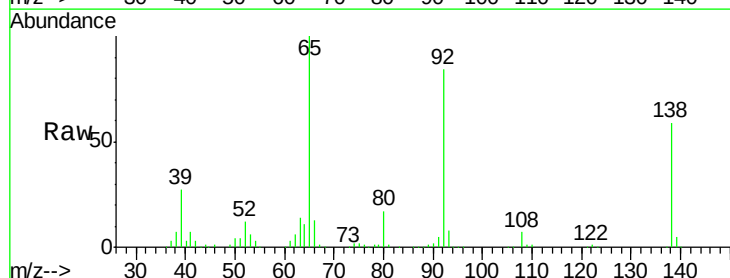
Tgt Ion:138 Resp: 168094

Ion Ratio Lower Upper

138 100

108 11.4 11.3 16.9

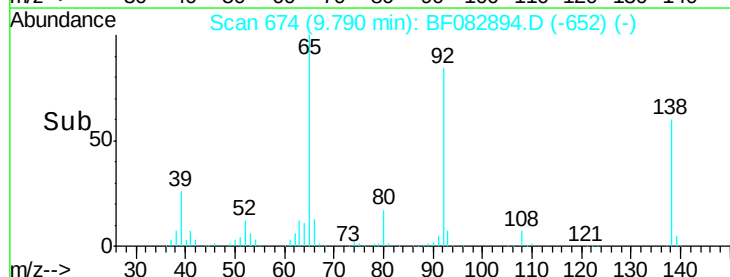
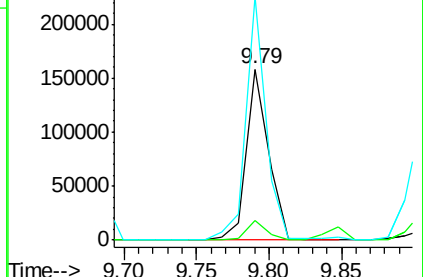
92 142.4 122.4 183.6

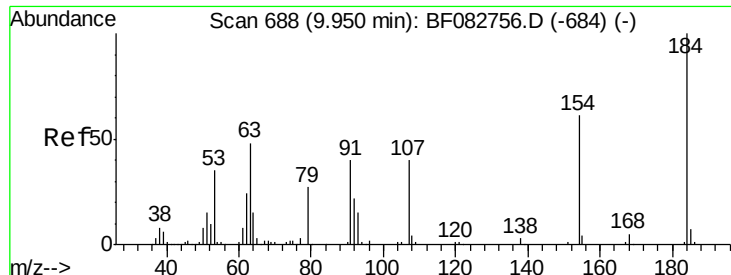


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





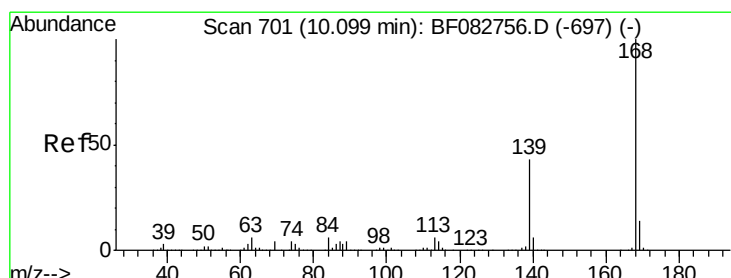
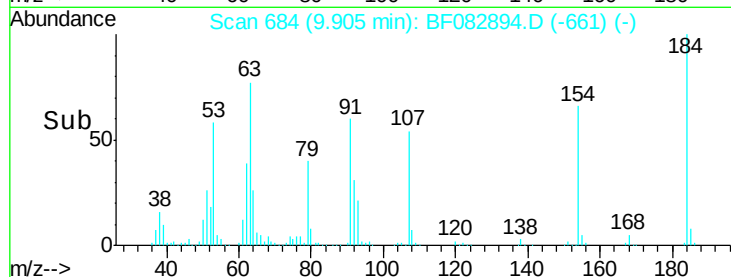
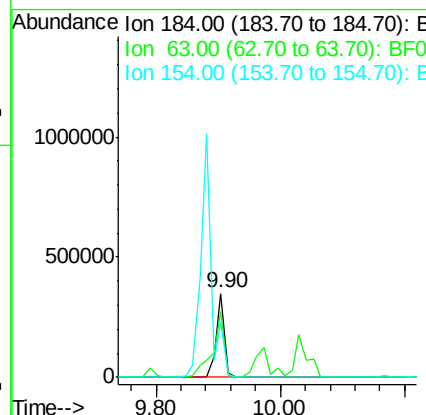
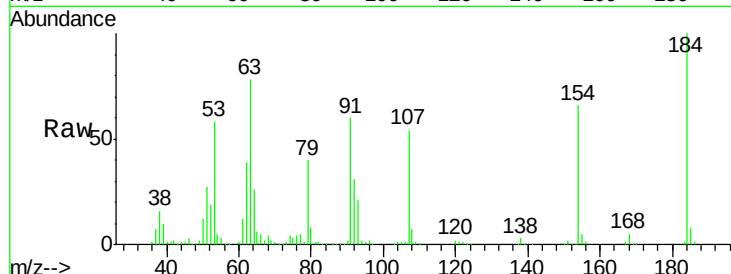
#53
2,4-Dinitrophenol
Concen: 58.05 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	328517		
63	78.0	98.6	148.0#	
154	66.0	183.9	275.9#	

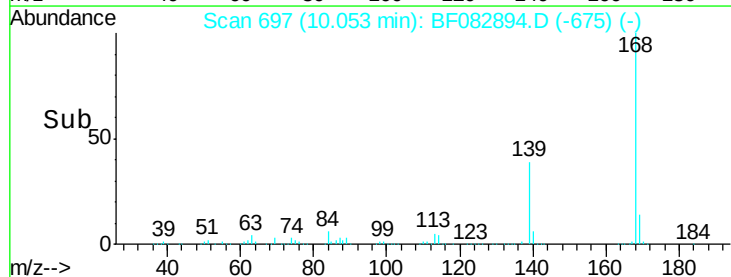
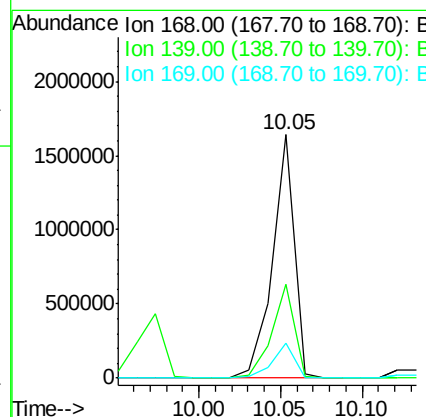
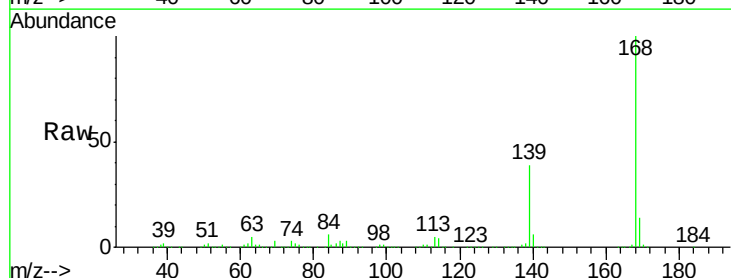
Manual Integrations
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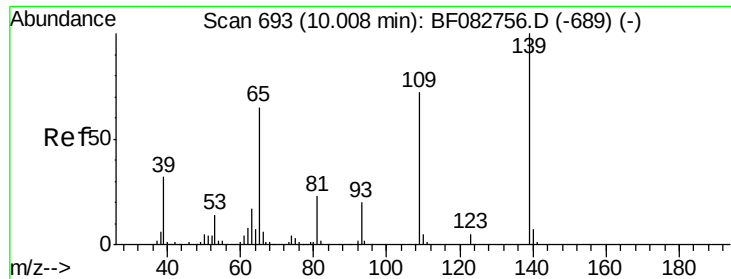
Mmdadoda
11/16/2015 12:43:57 PM



#54
Dibenzofuran
Concen: 28.98 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1531643		
139	38.8	37.8	56.6	
169	14.3	11.3	16.9	





#55

4-Nitrophenol

Concen: 58.50 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

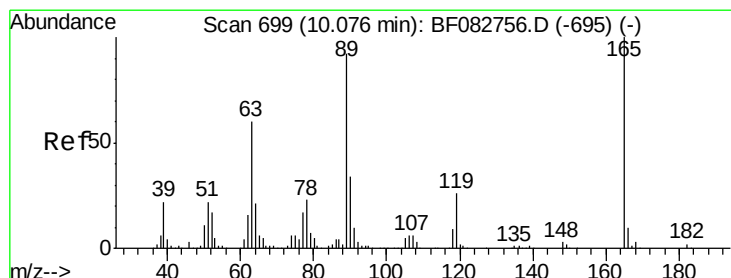
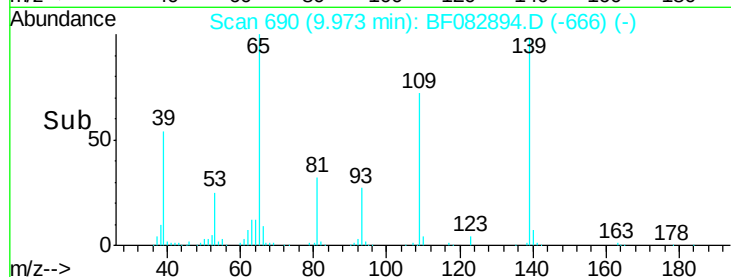
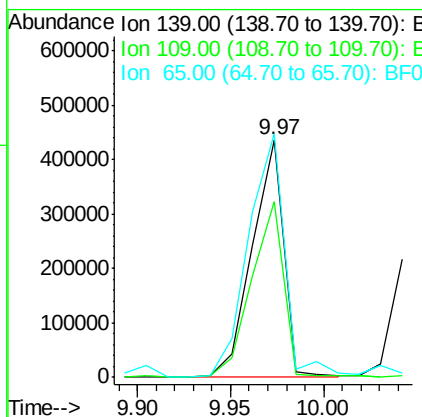
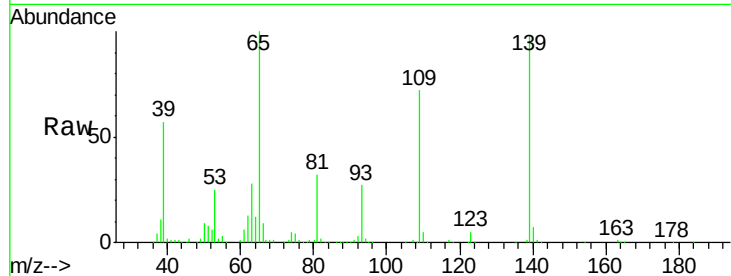
ClientSampleId :

PB86628BS

Tgt Ion:	139	Resp:	508737
Ion Ratio	Lower	Upper	
139	100		
109	74.0	73.7	113.7
65	102.6	82.9	122.9

Manual Integrations
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11/16/2015 12:43:57 PM



#56

2,4-Dinitrotoluene

Concen: 25.15 ng

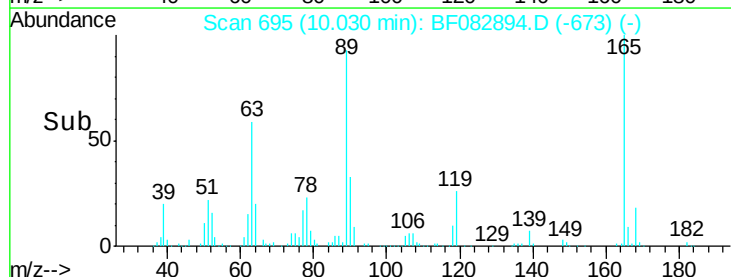
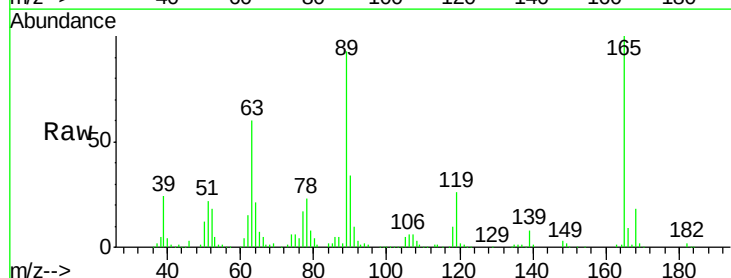
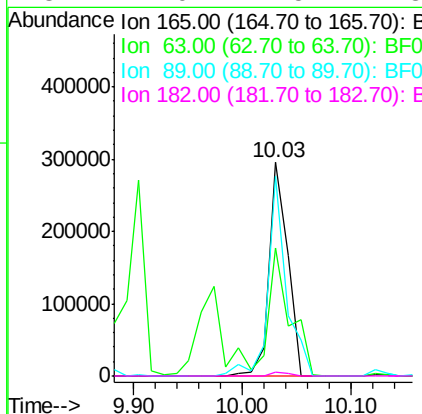
RT: 10.03 min Scan# 695

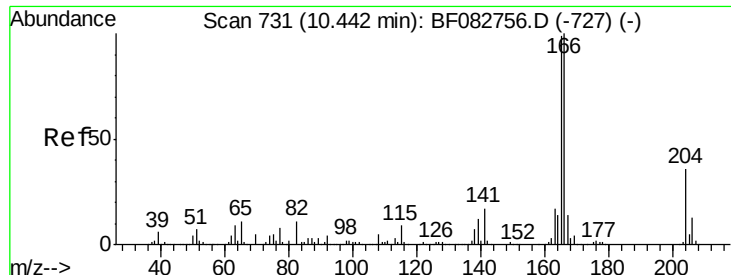
Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	165	Resp:	351715
Ion Ratio	Lower	Upper	
165	100		
63	60.1	43.4	65.0
89	93.5	70.6	106.0
182	2.0	1.5	2.3





#57

Fluorene

Concen: 28.58 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082894.D

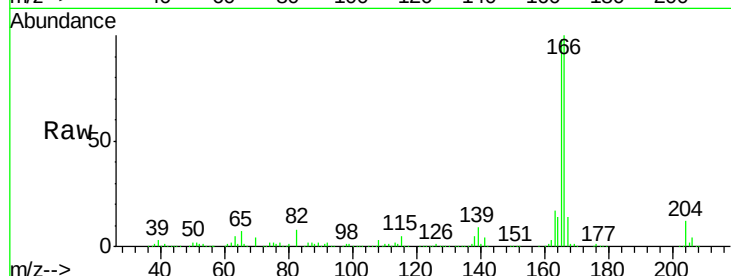
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS



Tgt Ion:166 Resp: 1223511

Ion Ratio Lower Upper

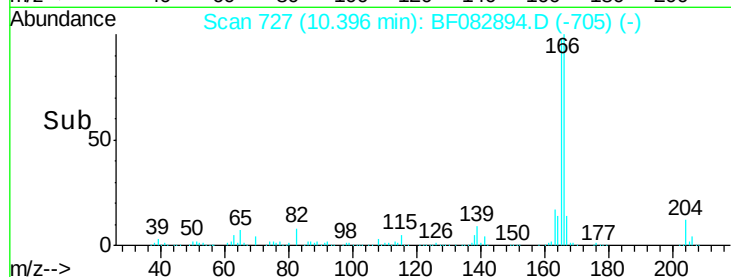
166 100

165 98.2 80.2 120.4

167 13.7 11.2 16.8

Manual Integrations
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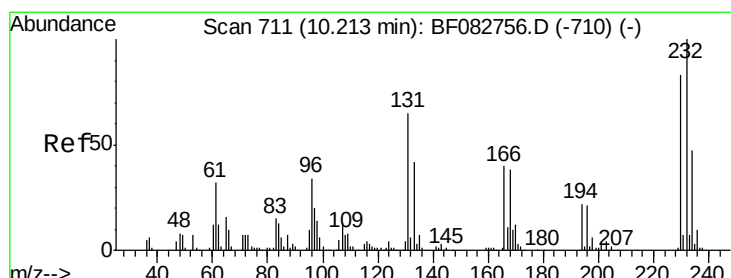
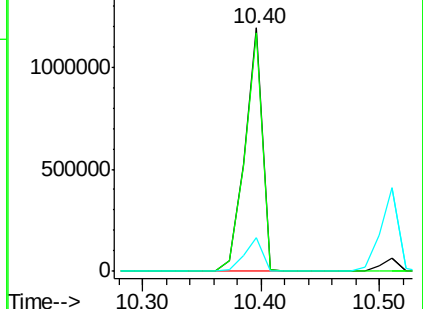
Mmdadoda
11/16/2015 12:43:57 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.75 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:232 Resp: 300664

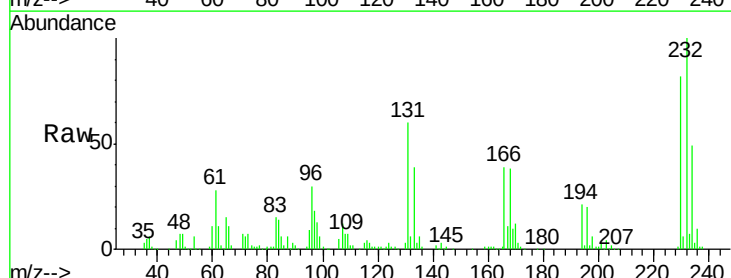
Ion Ratio Lower Upper

232 100

131 48.1 46.2 69.2

130 2.2 2.4 3.6#

166 32.2 28.2 42.2

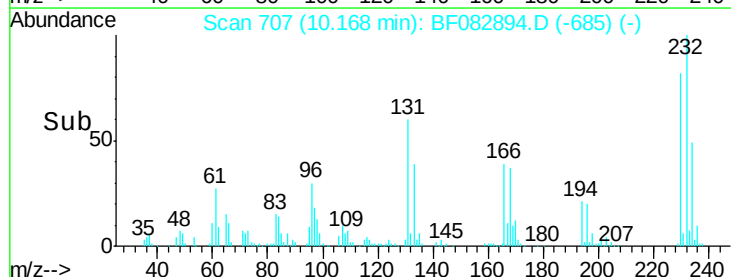
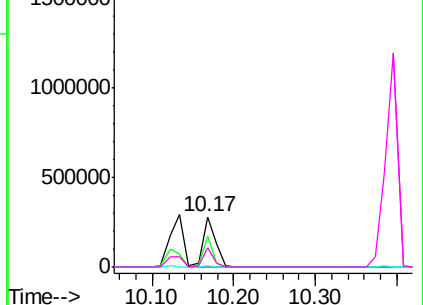


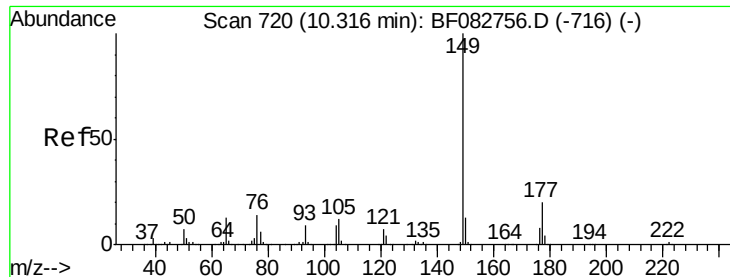
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





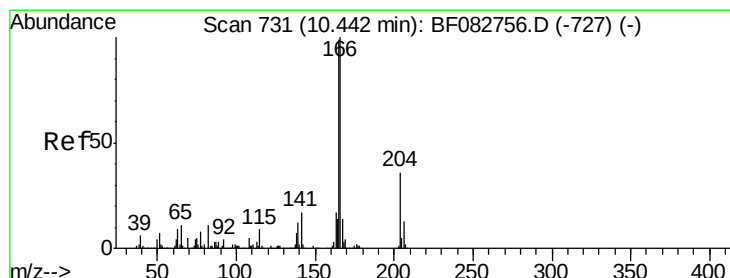
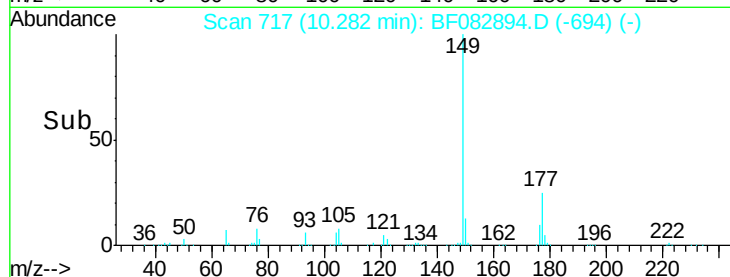
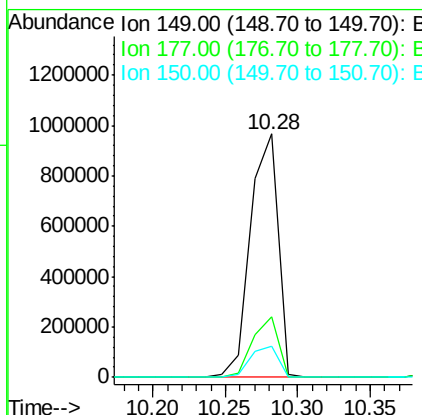
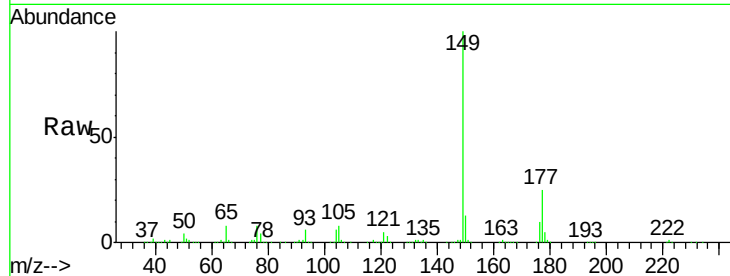
#59
Diethylphthalate
Concen: 27.18 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:149 Resp: 1282260
Ion Ratio Lower Upper
149 100
177 25.1 17.9 26.9
150 12.8 10.1 15.1

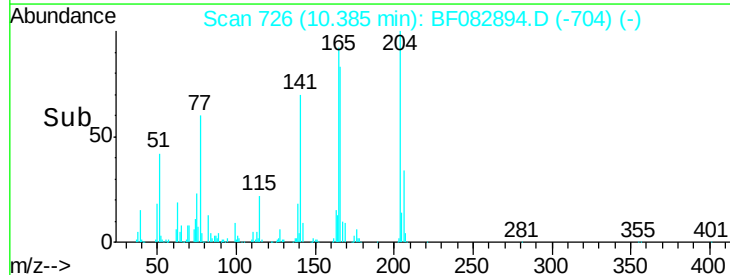
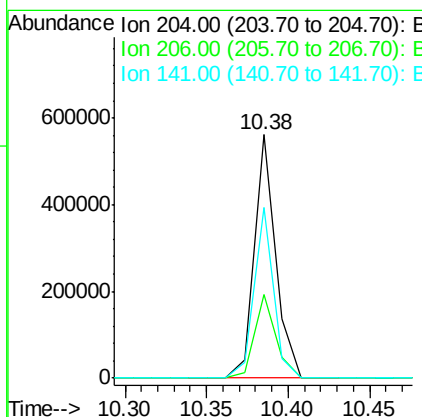
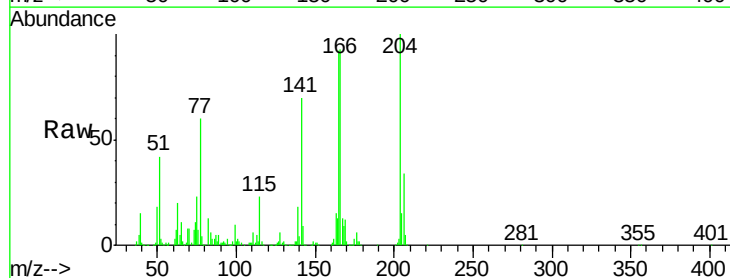
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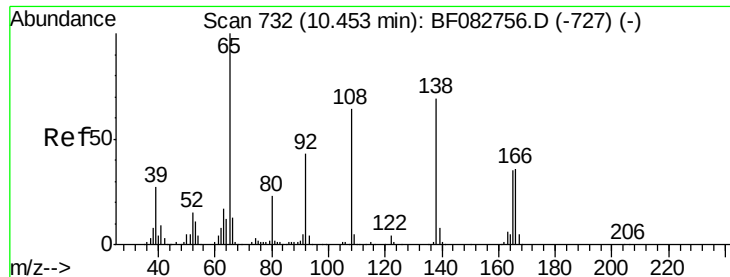
Mmdadoda
11/16/2015 12:43:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 23.80 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:204 Resp: 509713
Ion Ratio Lower Upper
204 100
206 34.3 28.5 42.7
141 70.3 44.6 66.8#





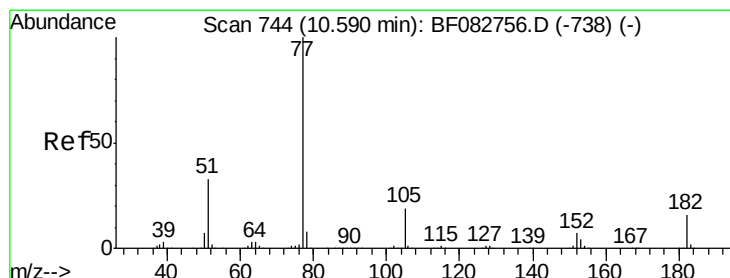
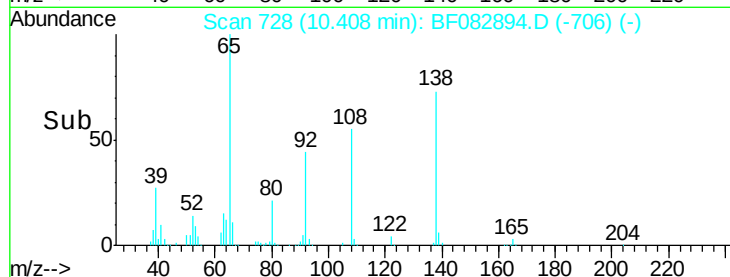
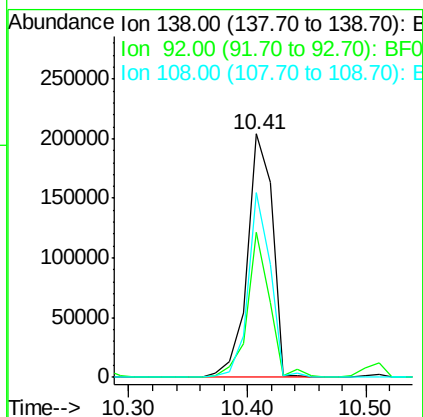
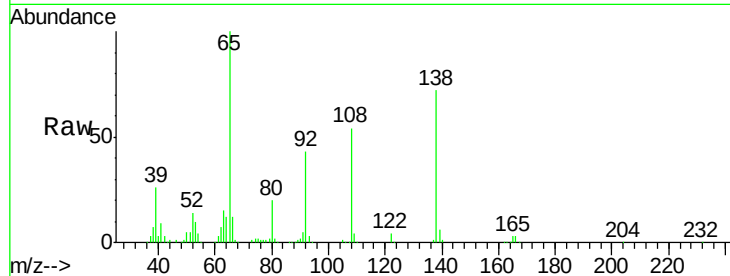
#61
4-Nitroaniline
Concen: 26.60 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	45.8	85.8
108	75.6	89.4	129.4

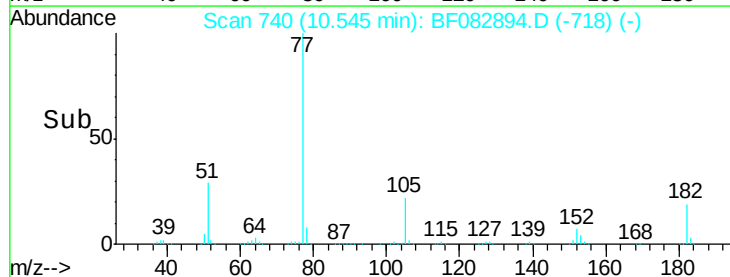
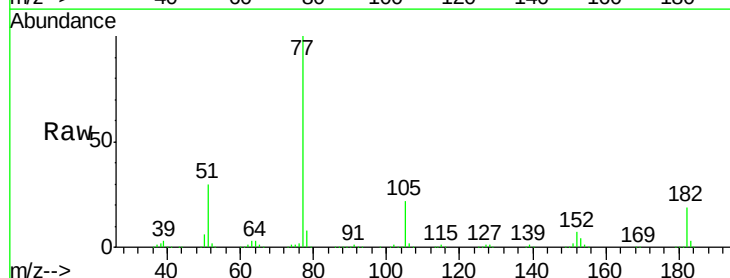
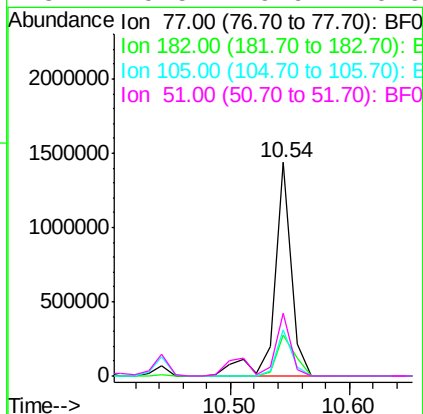
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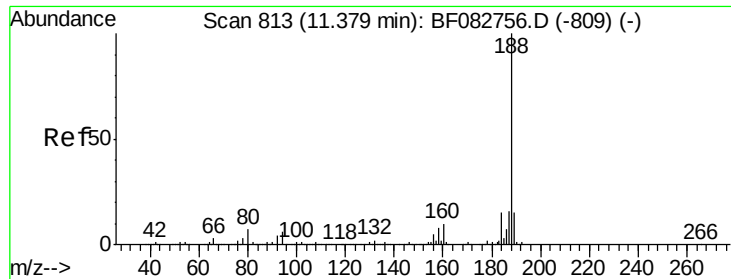
Mmdadoda
11/16/2015 12:43:57 PM



#62
Azobenzene
Concen: 28.07 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	9.3	49.3
105	21.9	2.6	42.6
51	29.5	9.9	49.9





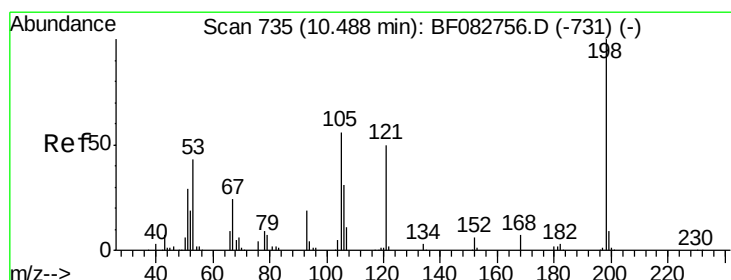
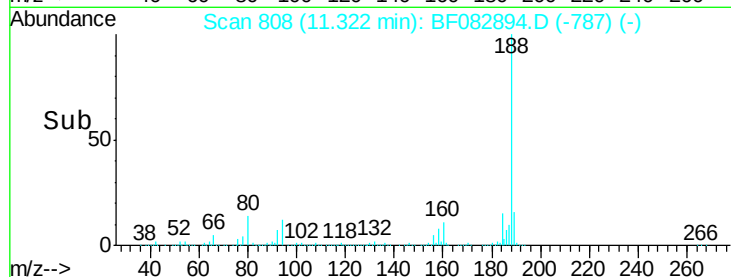
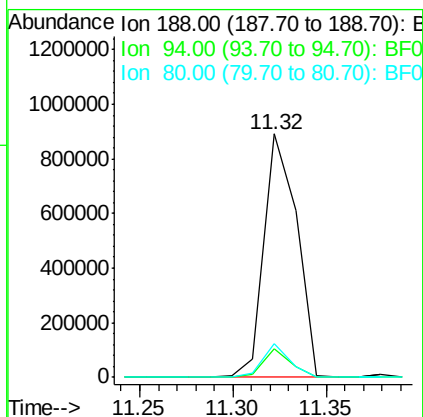
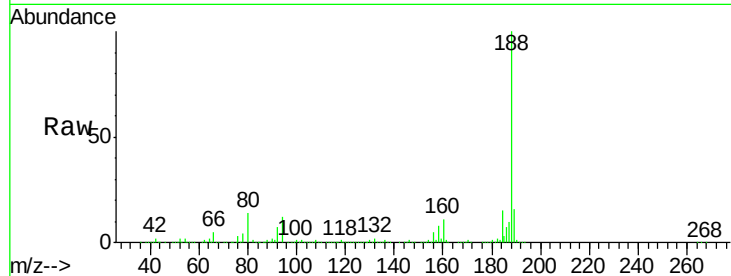
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:188 Resp: 1084918
Ion Ratio Lower Upper
188 100
94 11.8 6.1 9.1#
80 13.8 7.0 10.6#

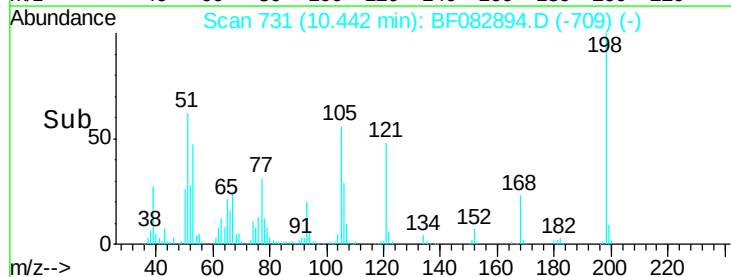
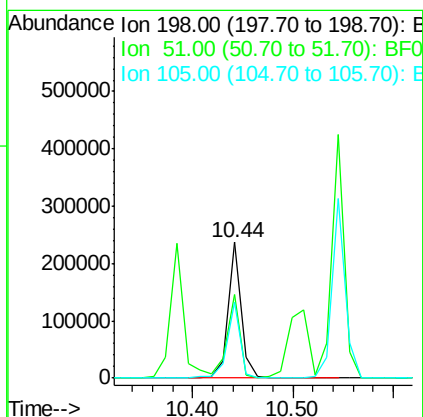
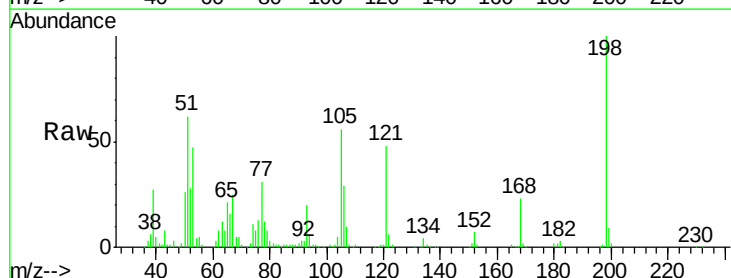
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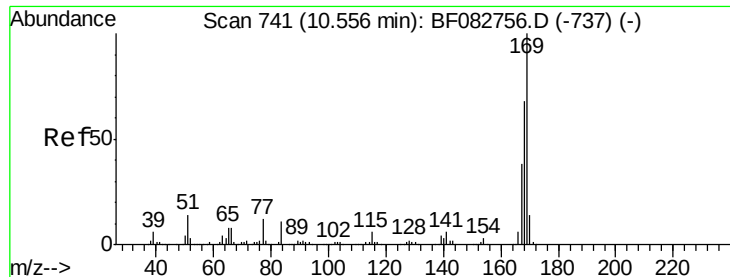
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11/16/2015 12:43:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 27.46 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:198 Resp: 212259
Ion Ratio Lower Upper
198 100
51 61.6 17.3 57.3#
105 55.7 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 28.37 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:169 Resp: 1112087

Ion Ratio Lower Upper

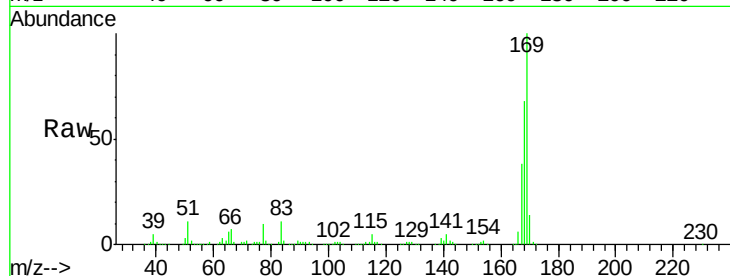
169 100

168 67.6 55.0 82.6

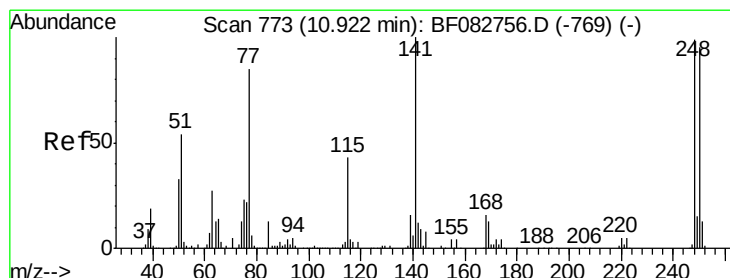
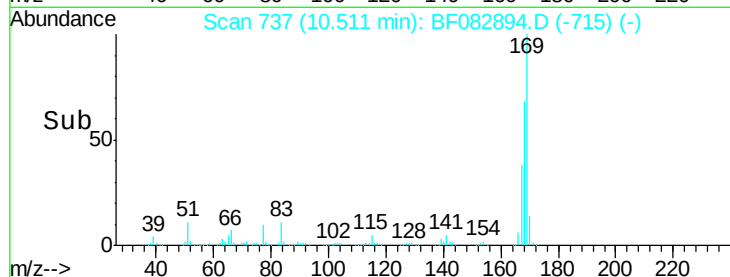
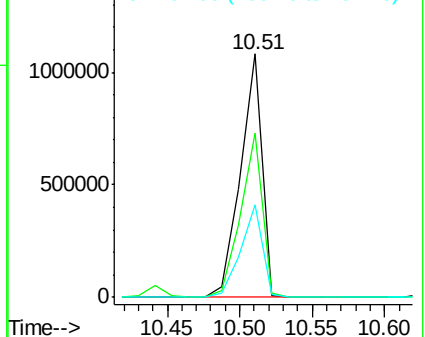
167 37.9 30.5 45.7

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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: 26.97 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

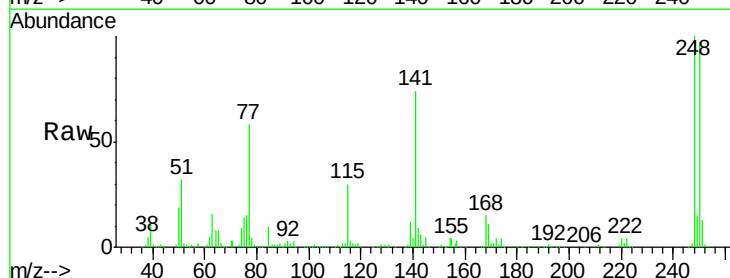
Tgt Ion:248 Resp: 352342

Ion Ratio Lower Upper

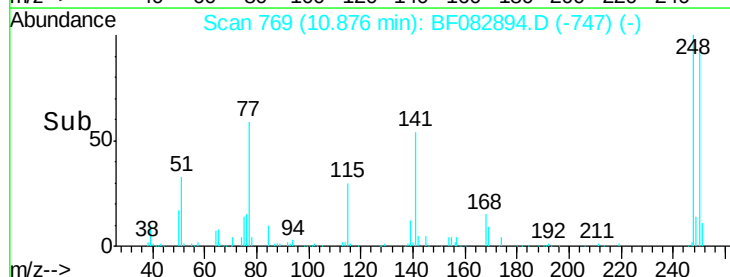
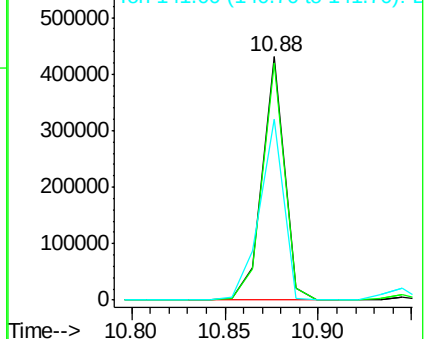
248 100

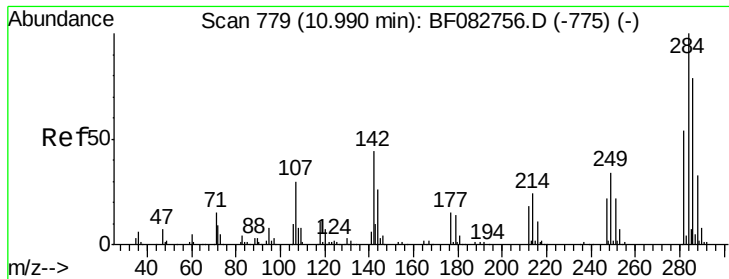
250 97.2 79.4 119.2

141 74.4 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: 26.80 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF082894.D

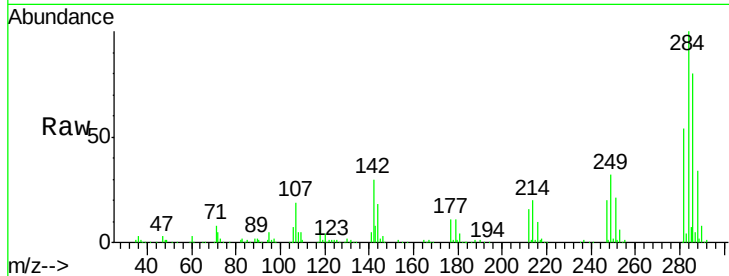
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

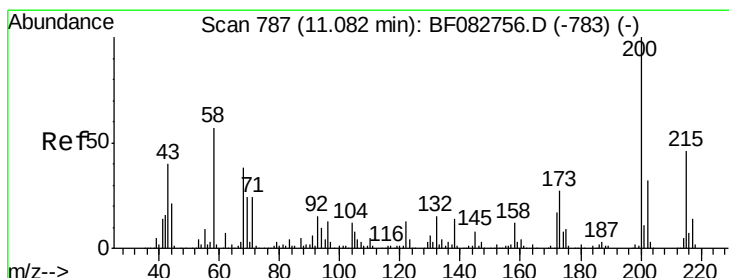
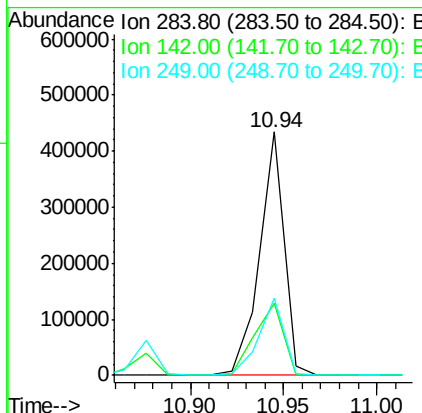
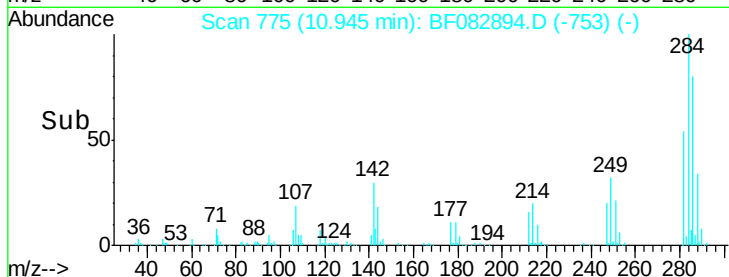
PB86628BS



Tgt Ion:	284	Resp:	390910
Ion Ratio	Lower	Upper	
284	100		
142	29.7	47.9	71.9#
249	31.5	29.7	44.5

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#68

Atrazine

Concen: 26.45 ng

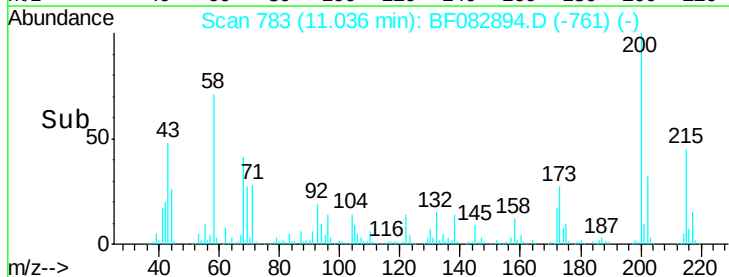
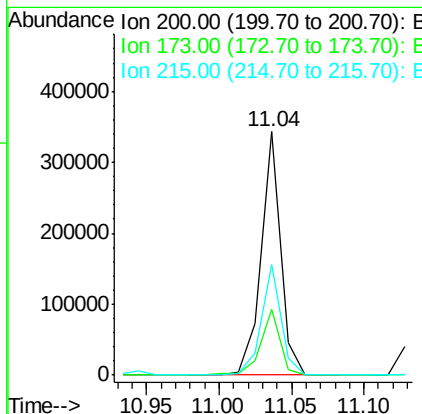
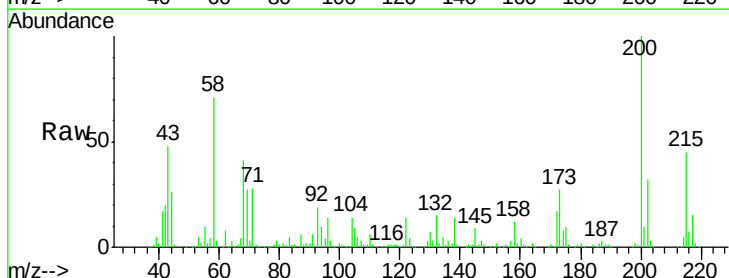
RT: 11.04 min Scan# 783

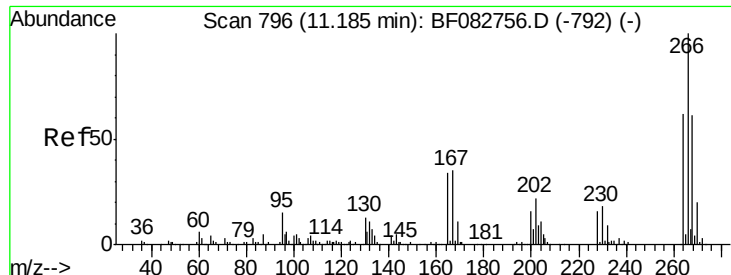
Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	200	Resp:	320612
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.9	46.9
215	45.5	22.9	62.9





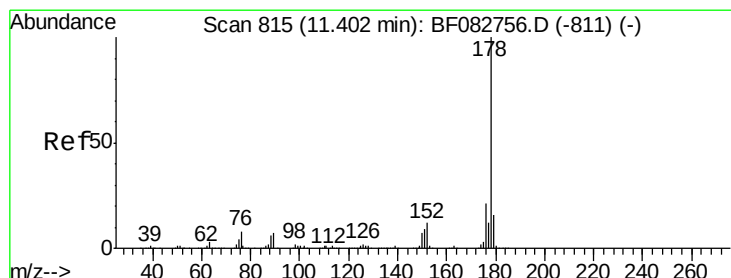
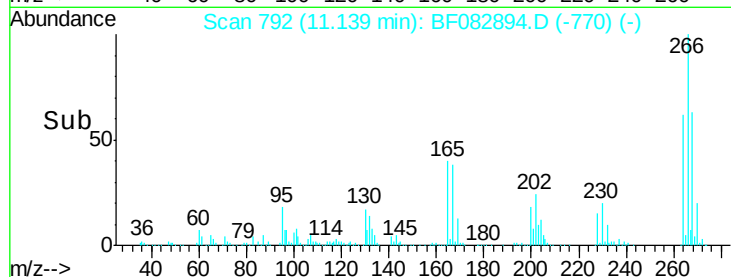
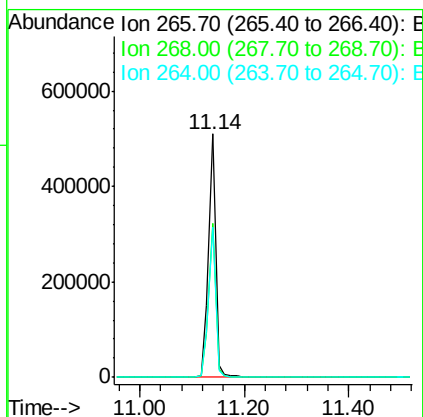
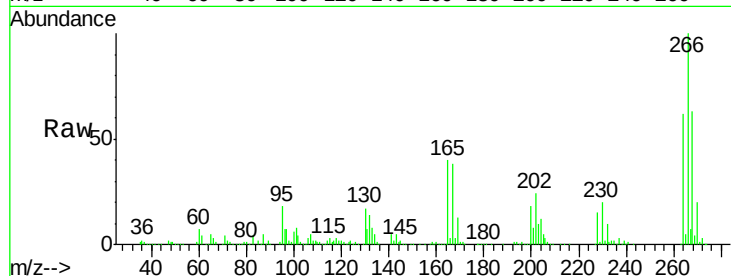
#69
 Pentachlorophenol
 Concen: 55.15 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	488487		
268	63.2	51.0	76.6	
264	61.8	50.6	75.8	

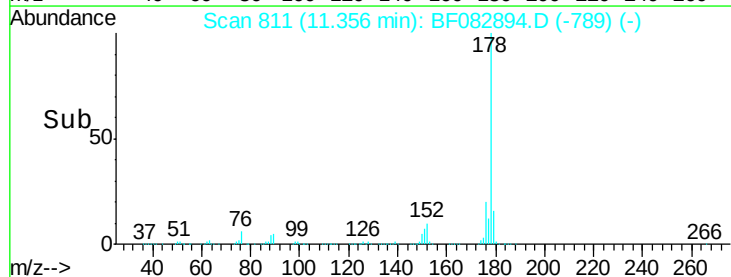
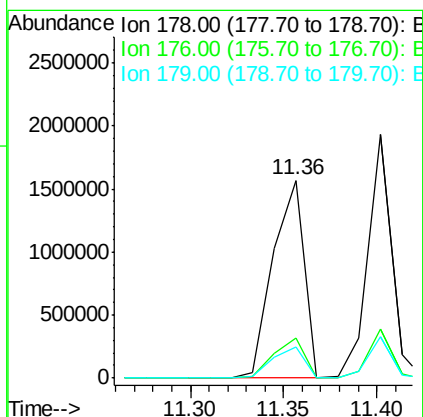
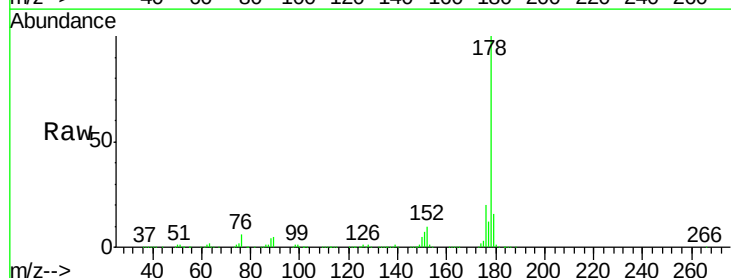
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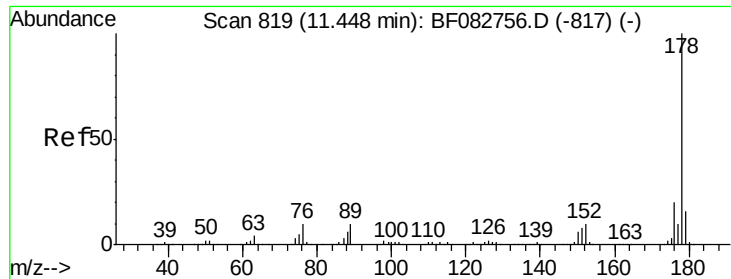
Mmdadoda
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#70
 Phenanthrene
 Concen: 29.14 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1836100		
176	20.3	17.0	25.4	
179	15.9	13.4	20.0	





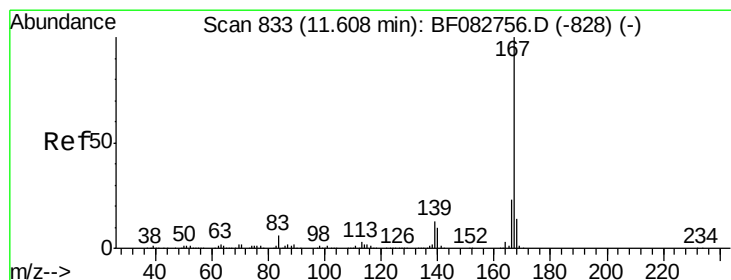
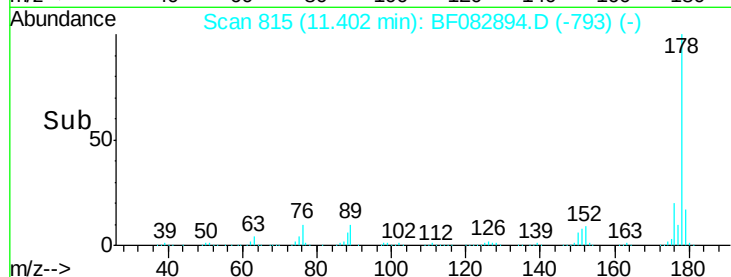
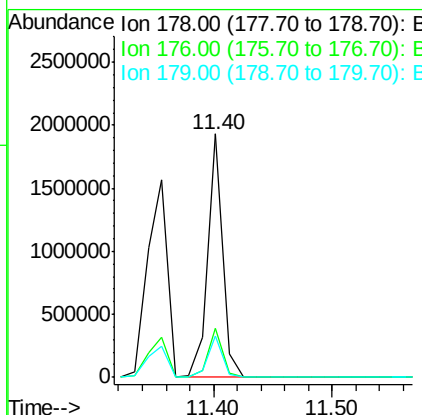
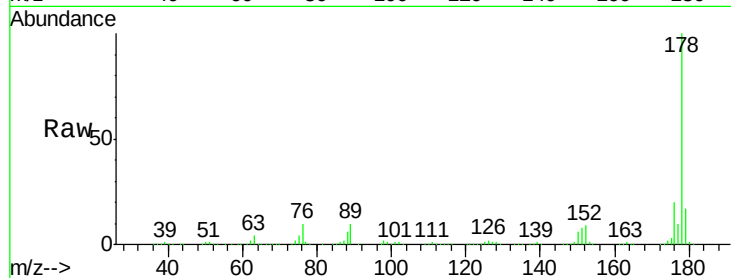
#71
 Anthracene
 Concen: 25.31 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:178 Resp: 1679520
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 16.8 13.2 19.8

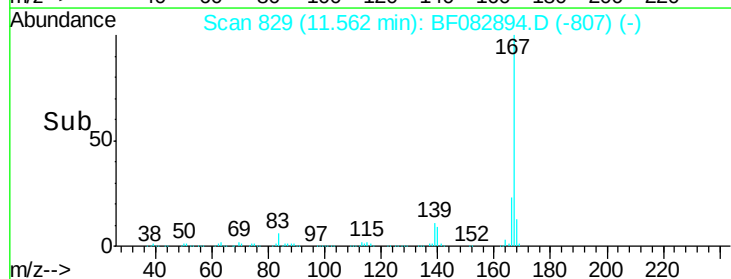
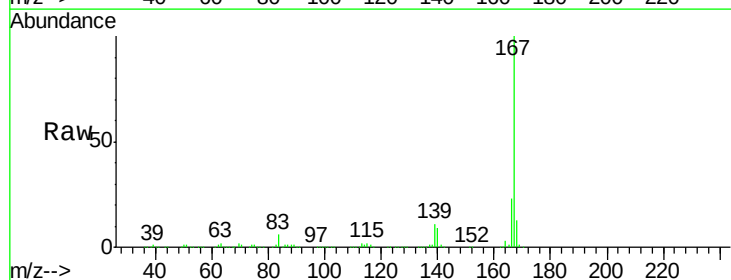
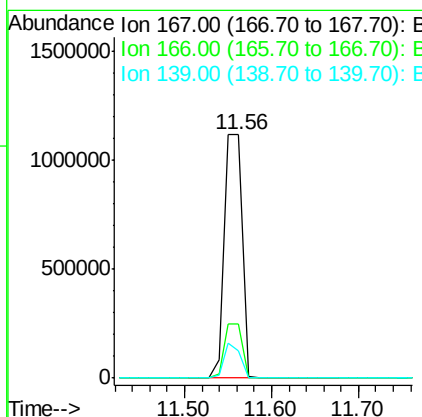
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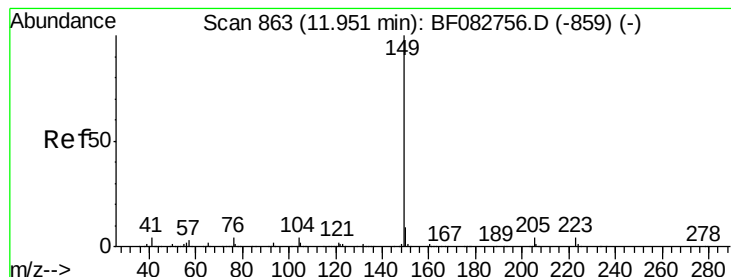
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 11/16/2015 12:43:57 PM



#72
 Carbazole
 Concen: 27.63 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:167 Resp: 1605176
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 11.2 11.8 17.6#





#73

Di-n-butylphthalate

Concen: 27.34 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

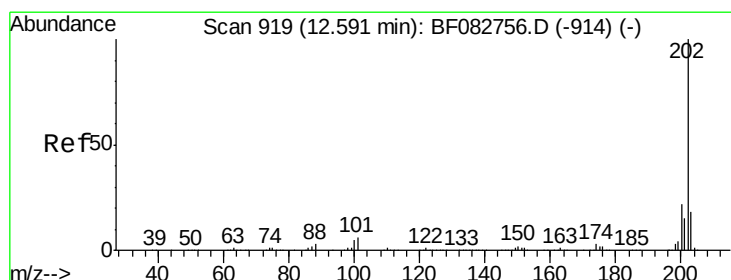
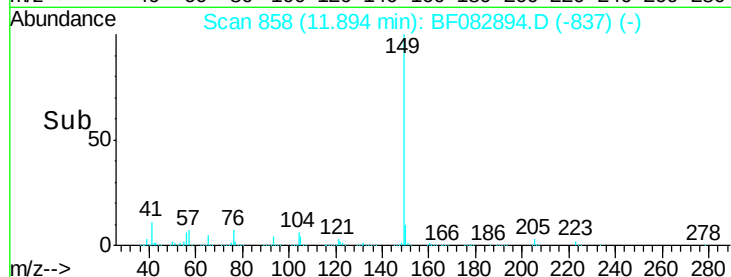
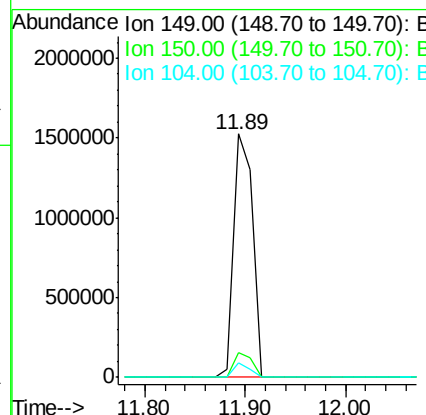
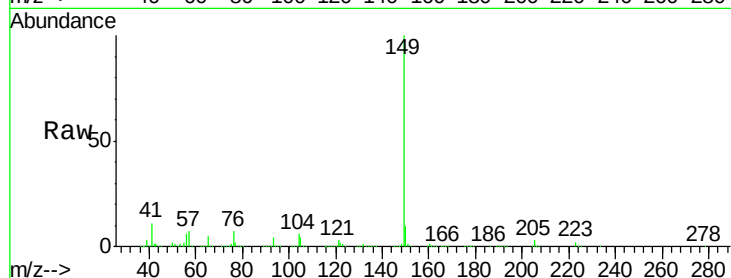
ClientSampleId :

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Tgt Ion:	149	Resp:	1979083
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	5.9	5.2	7.8



#74

Fluoranthene

Concen: 25.03 ng

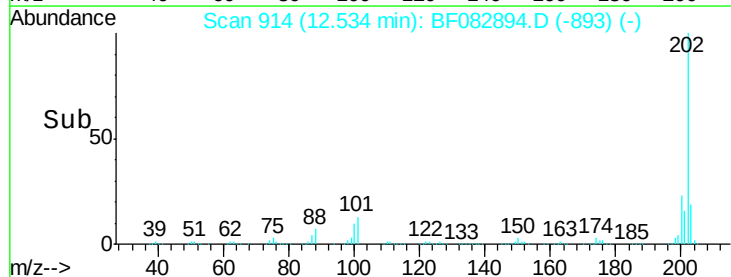
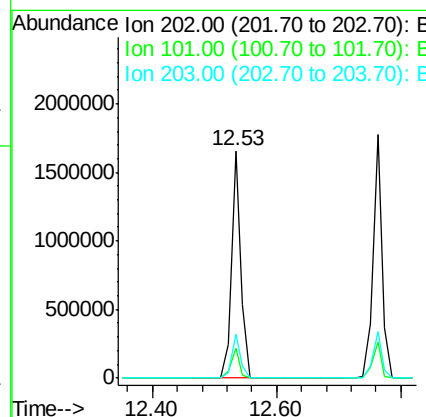
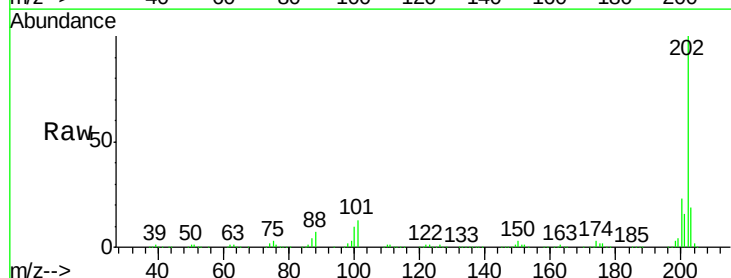
RT: 12.53 min Scan# 914

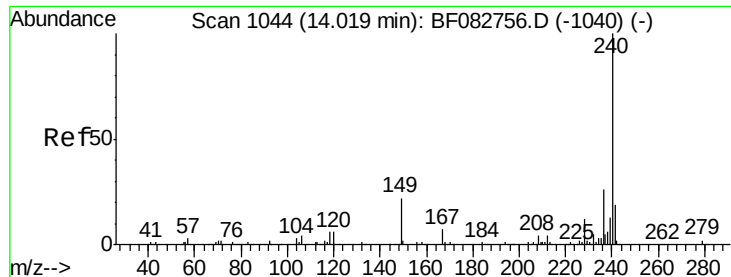
Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	202	Resp:	1692360
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.5
203	19.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

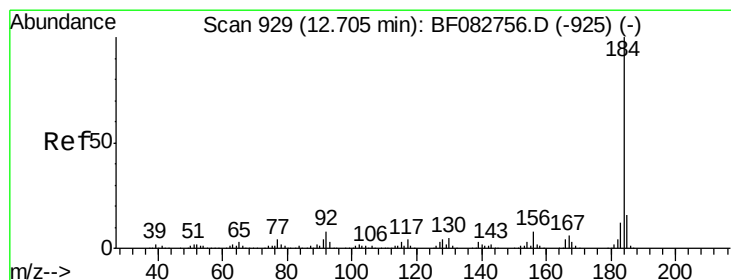
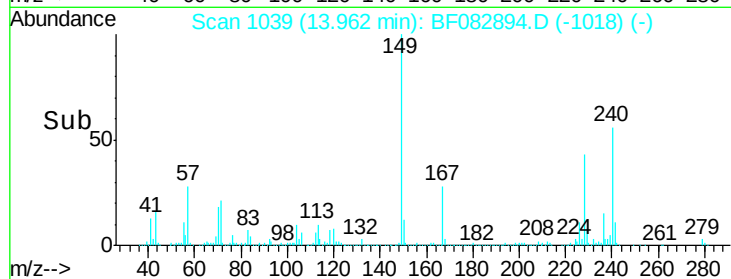
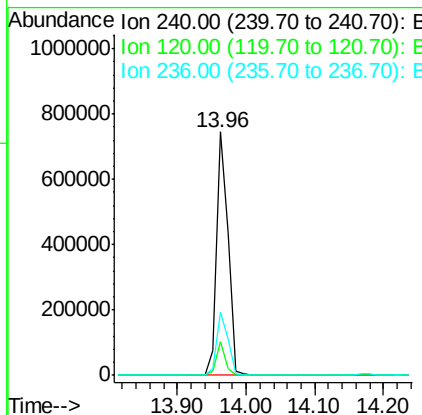
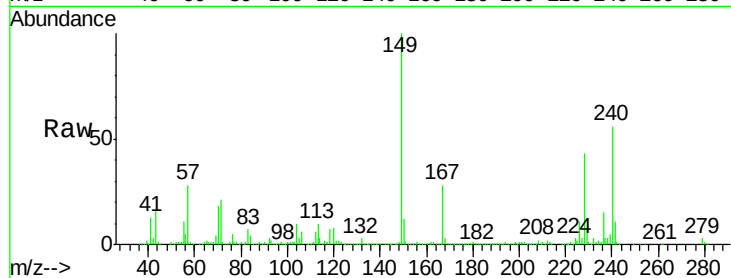
ClientSampleId :

PB86628BS

Tgt Ion:	240	Resp:	878817
Ion Ratio	Lower	Upper	
240	100		
120	13.8	10.9	16.3
236	26.0	21.6	32.4

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#76

Benzidine

Concen: 26.61 ng

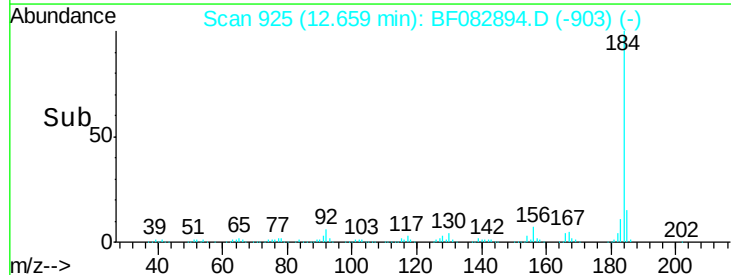
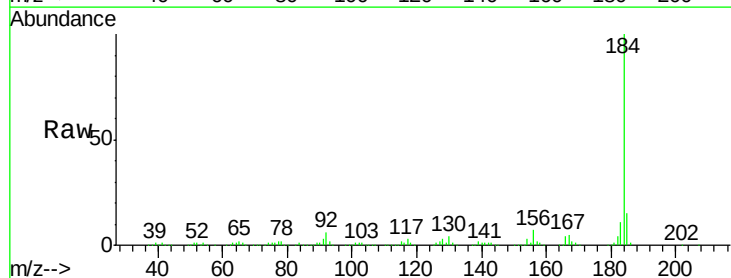
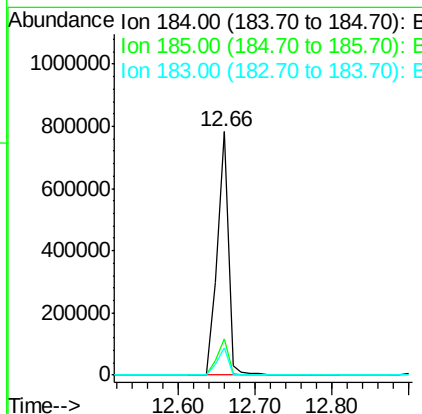
RT: 12.66 min Scan# 925

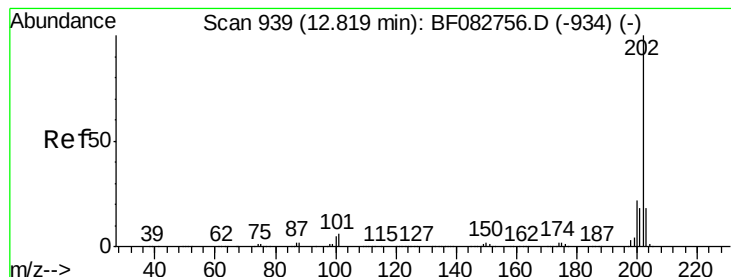
Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	184	Resp:	783707
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.4	9.6	14.4





#77

Pyrene

Concen: 29.22 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion: 202 Resp: 1763664

Ion Ratio Lower Upper

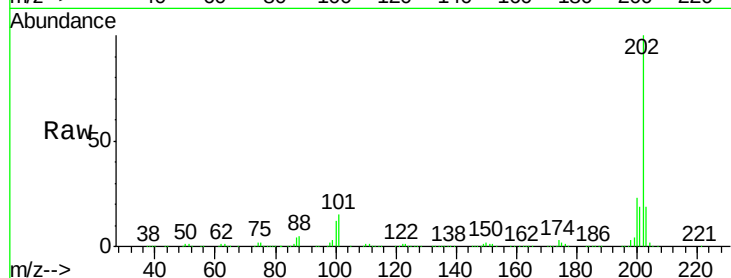
202 100

200 23.1 18.7 28.1

203 19.1 14.8 22.2

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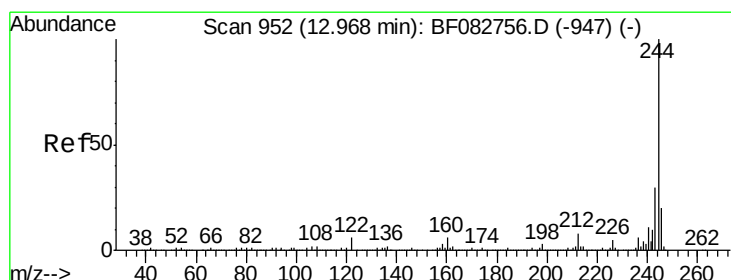
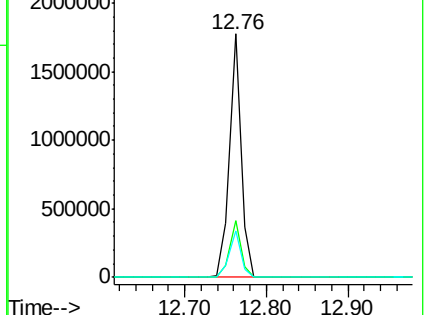
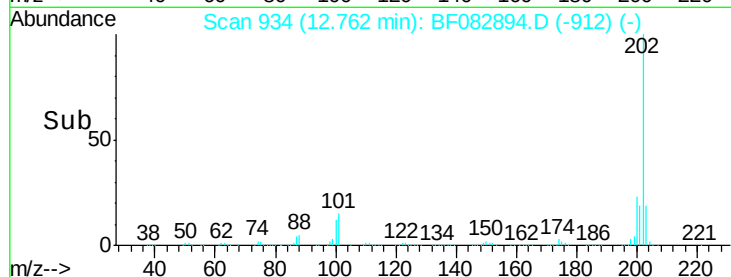
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.76 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

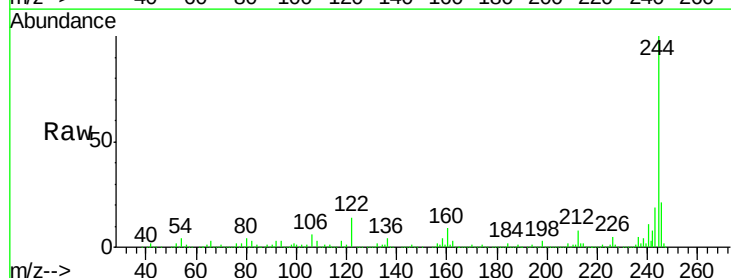
Tgt Ion: 244 Resp: 2214351

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

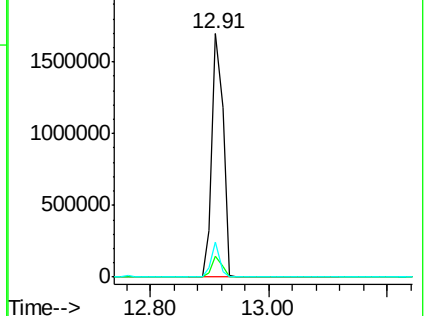
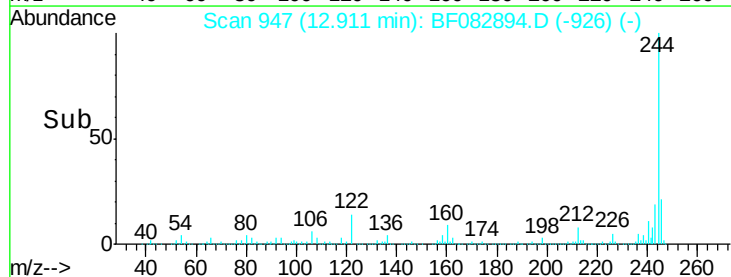
122 14.2 11.3 16.9

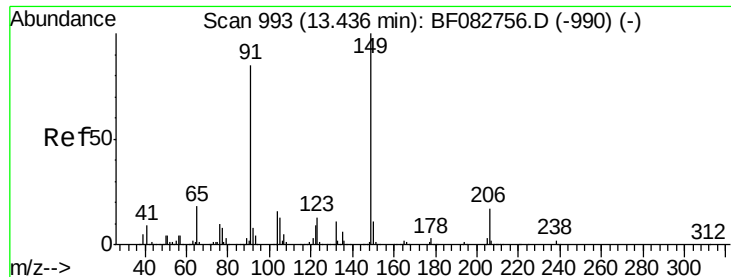


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.90 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF082894.D

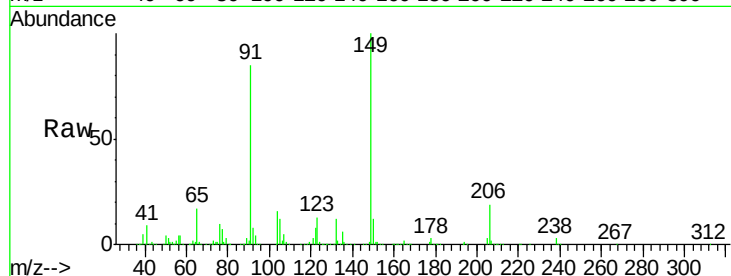
Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

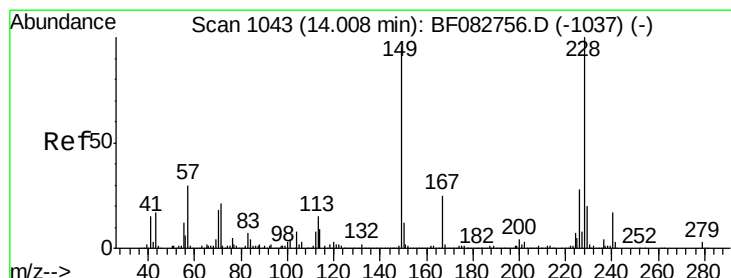
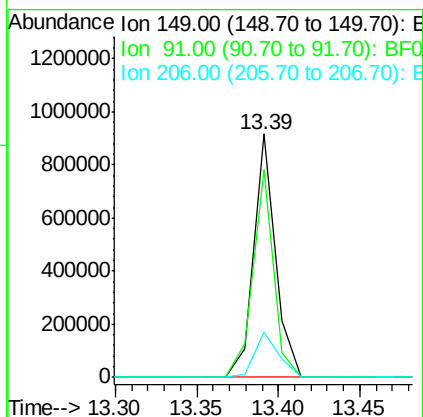
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Tgt Ion:	149	Resp:	850423
Ion Ratio	Lower	Upper	
149	100		
91	85.4	67.7	101.5
206	18.6	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 30.32 ng

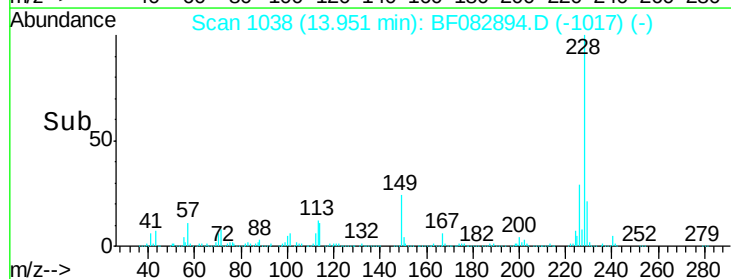
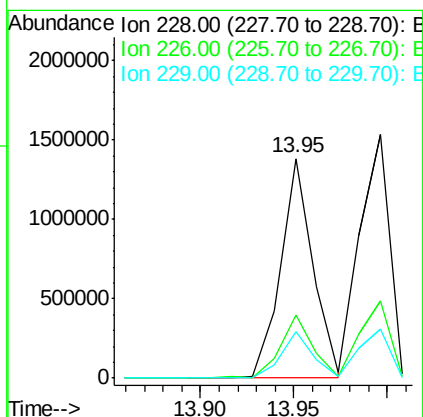
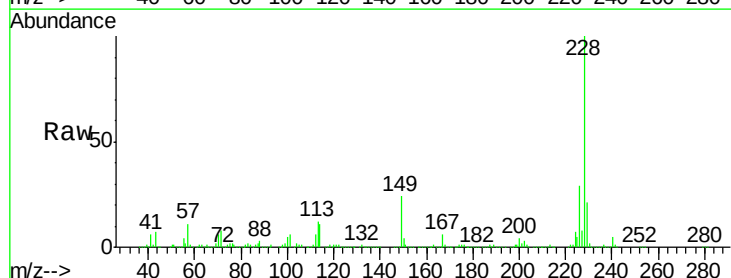
RT: 13.95 min Scan# 1038

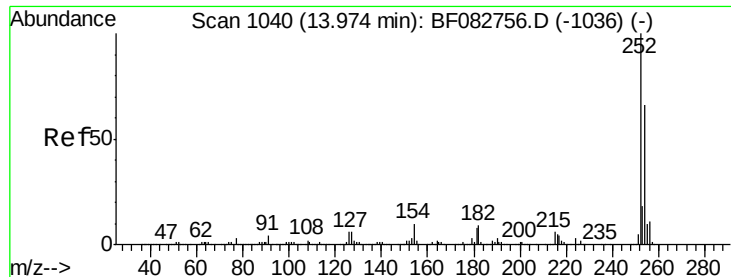
Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:	228	Resp:	1666330
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	21.2	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 21.33 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

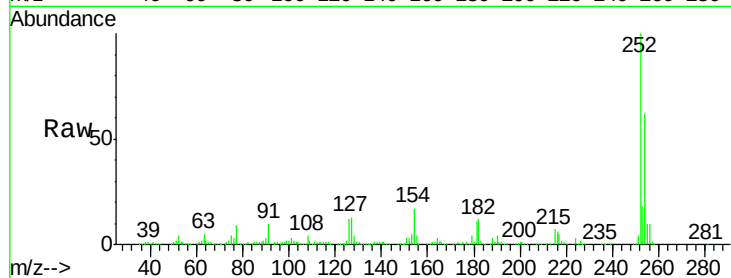
ClientSampleId :

PB86628BS

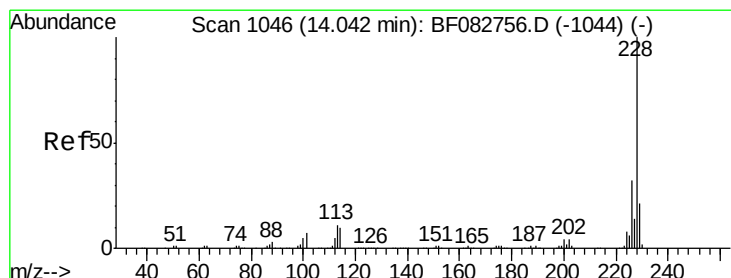
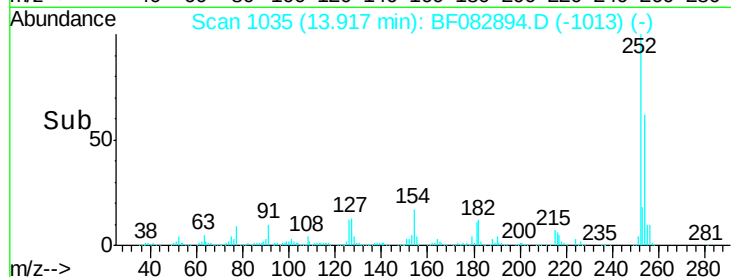
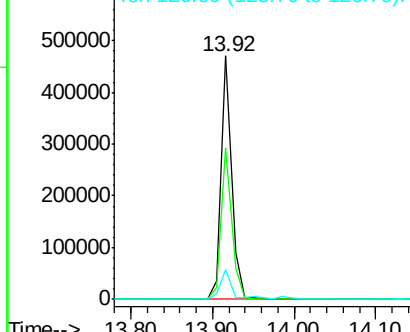
Tgt Ion:	252	Resp:	416826
Ion Ratio		Lower	Upper
252	100		
254	62.0	51.4	77.0
126	12.5	10.7	16.1

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



#82

Chrysene

Concen: 33.97 ng

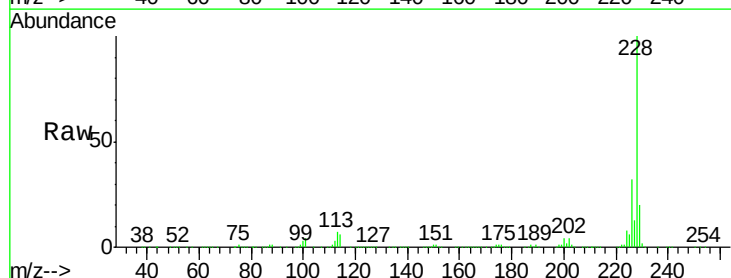
RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

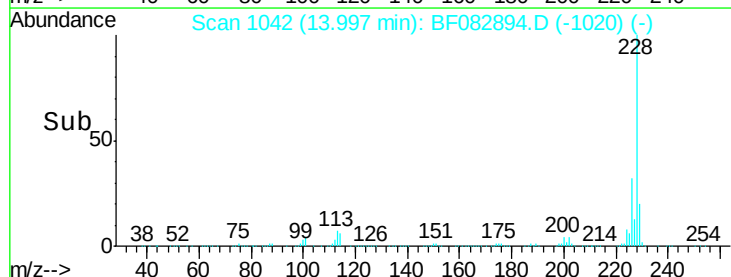
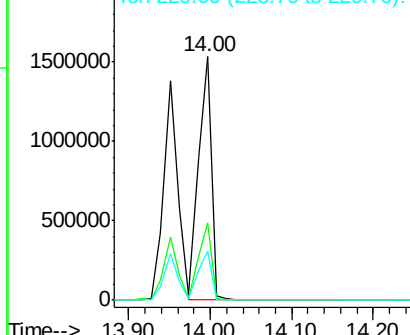
Lab File: BF082894.D

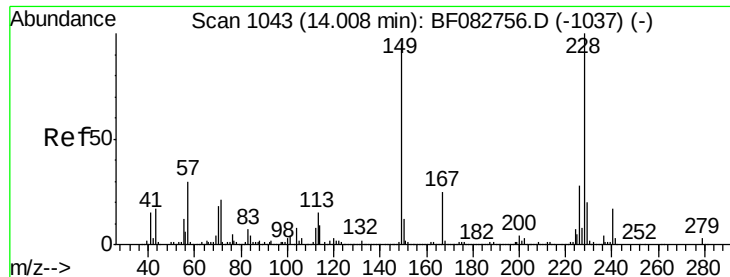
Acq: 13 Nov 2015 13:39

Tgt Ion:	228	Resp:	1709874
Ion Ratio		Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.1	16.3	24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.79 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:149 Resp: 1196589

Ion Ratio Lower Upper

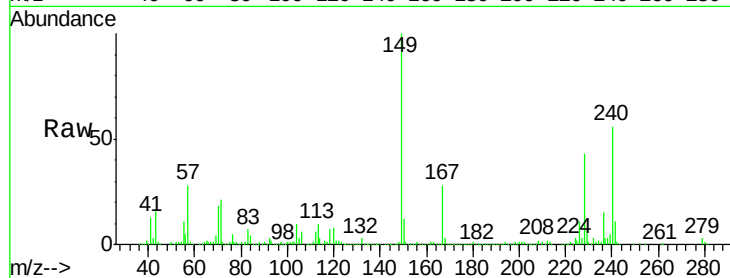
149 100

167 28.2 21.2 31.8

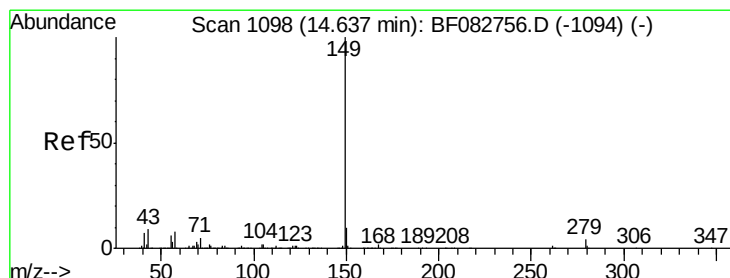
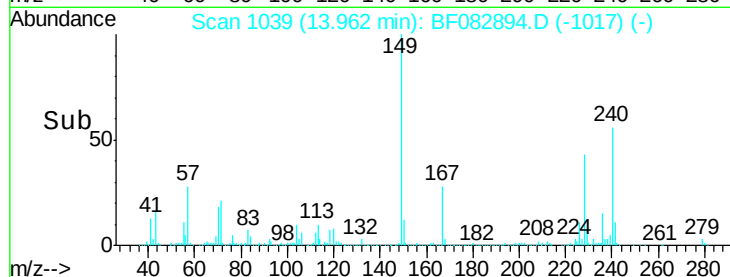
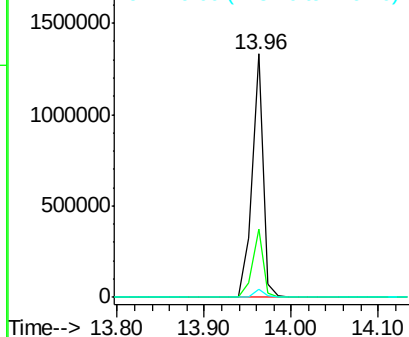
279 3.2 2.2 3.2

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



#84

Di-n-octyl phthalate

Concen: 34.28 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

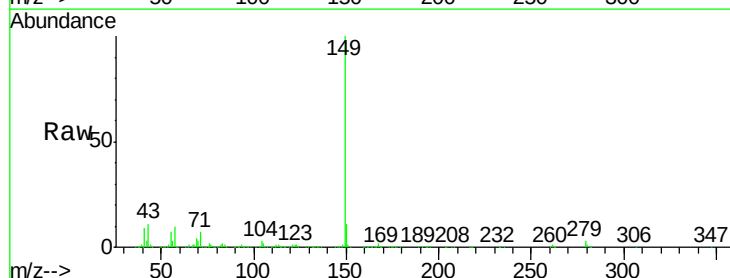
Tgt Ion:149 Resp: 2086447

Ion Ratio Lower Upper

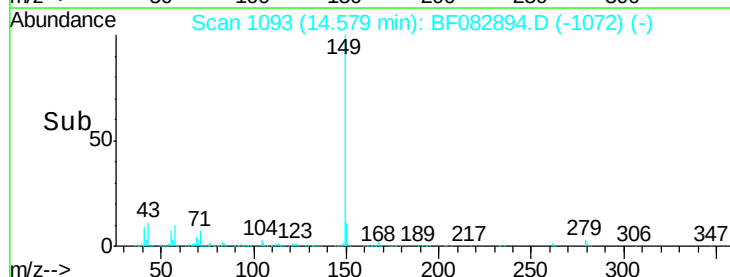
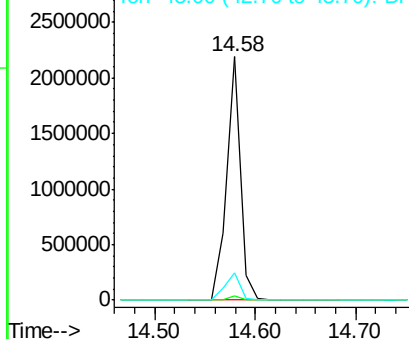
149 100

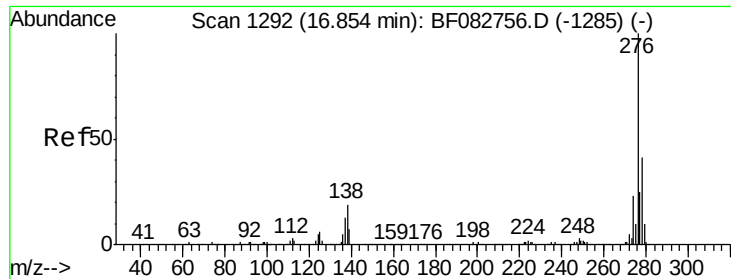
167 1.5 1.3 1.9

43 12.1 10.1 15.1



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





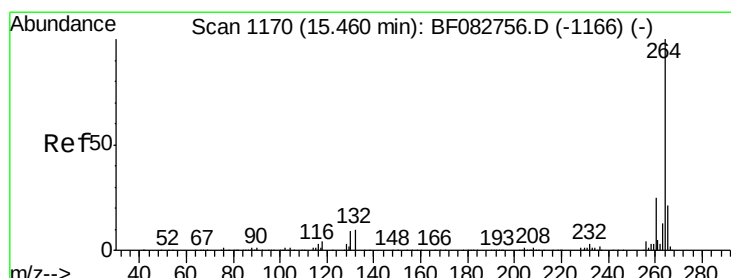
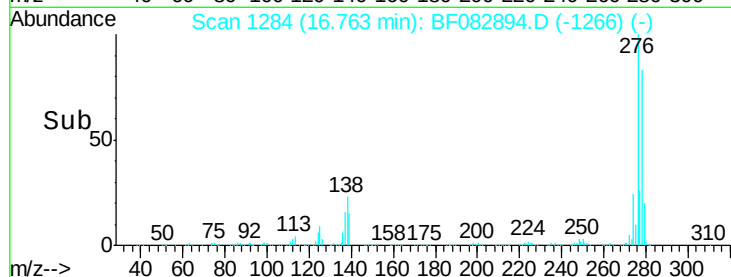
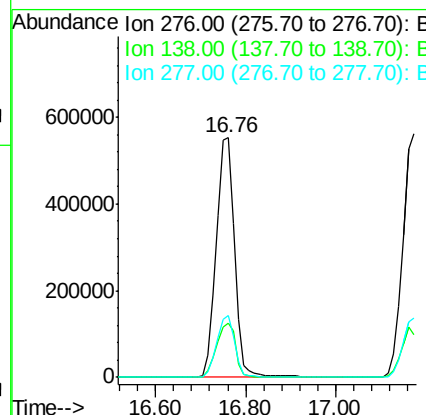
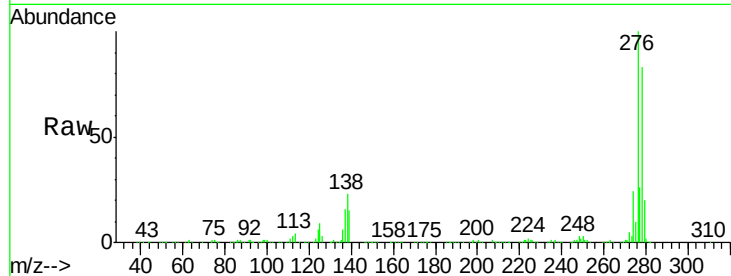
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.47 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.09 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion: 276 Resp: 1581101
Ion Ratio Lower Upper
276 100
138 23.7 15.3 22.9#
277 25.2 20.2 30.4

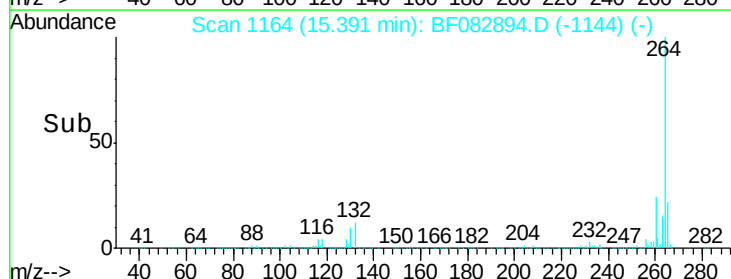
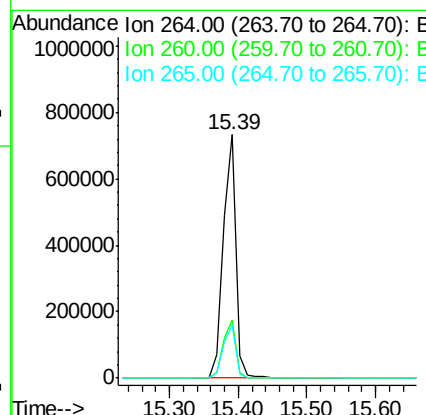
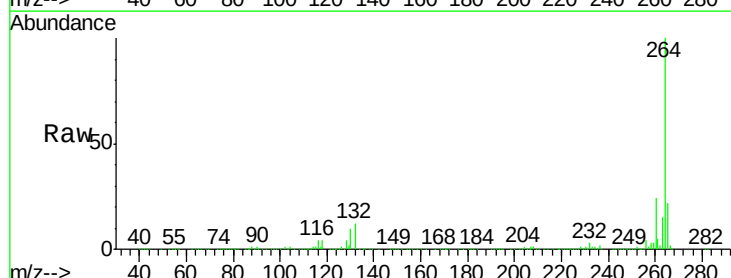
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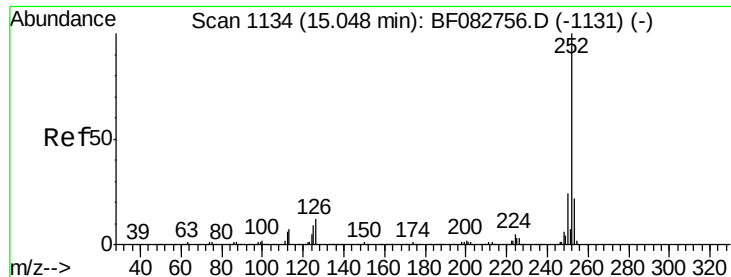
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion: 264 Resp: 954872
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 28.64 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:252 Resp: 1755344

Ion Ratio Lower Upper

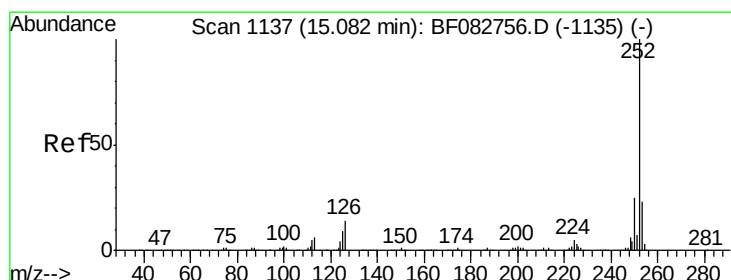
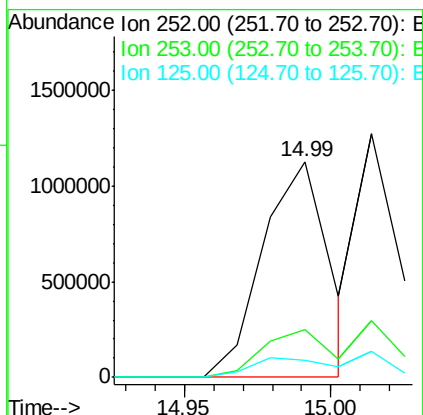
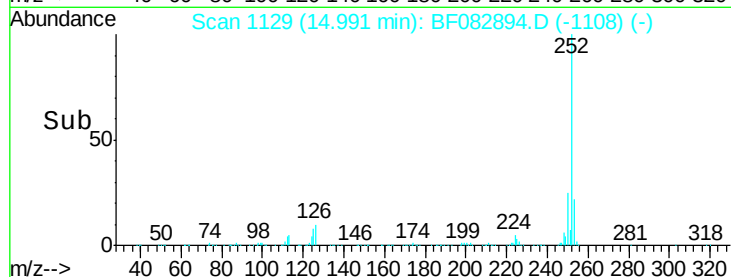
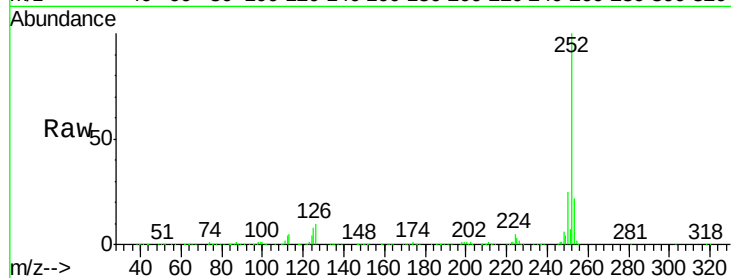
252 100

253 22.4 17.8 26.8

125 7.7 5.4 8.2

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#88

Benzo(k)fluoranthene

Concen: 23.54 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

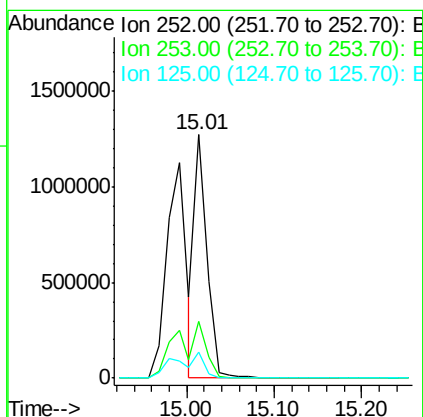
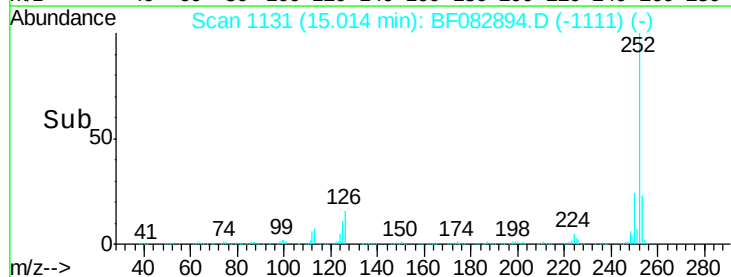
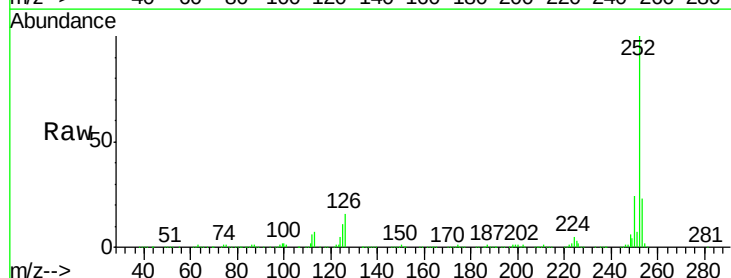
Tgt Ion:252 Resp: 1279842

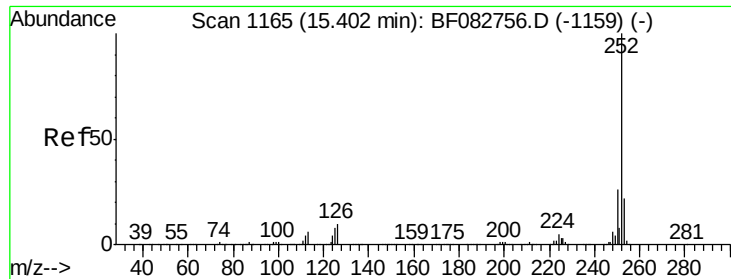
Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 10.9 3.5 5.3#





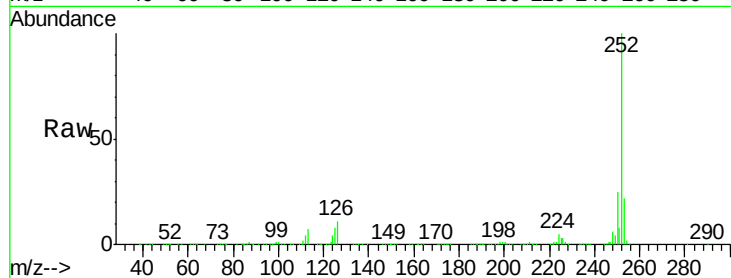
#89
Benzo(a)pyrene
Concen: 28.50 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.07 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

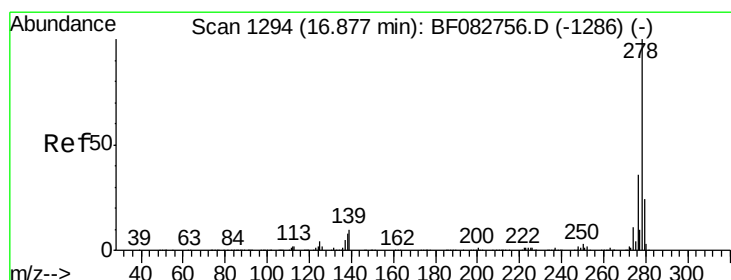
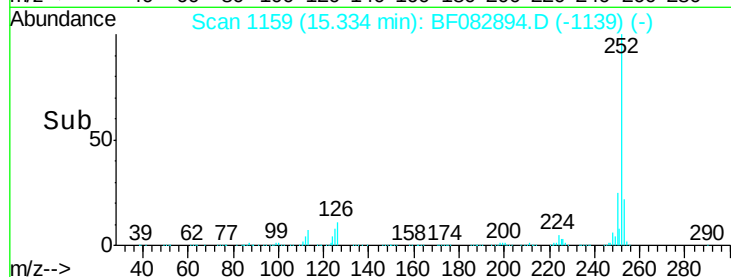
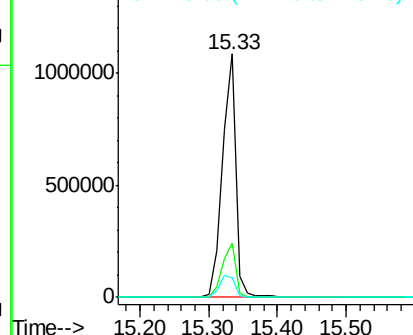
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.2	7.1	10.7

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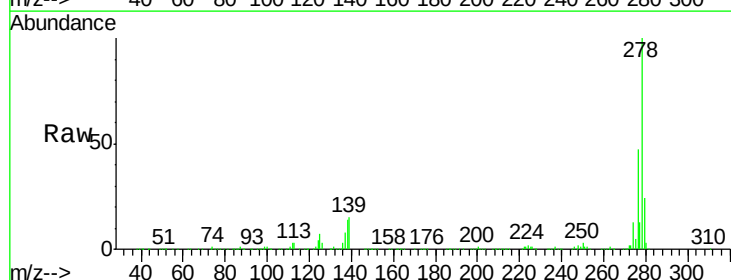


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

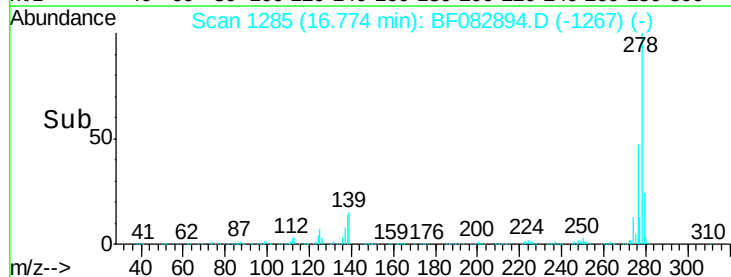
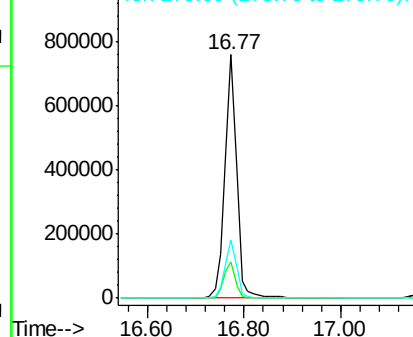


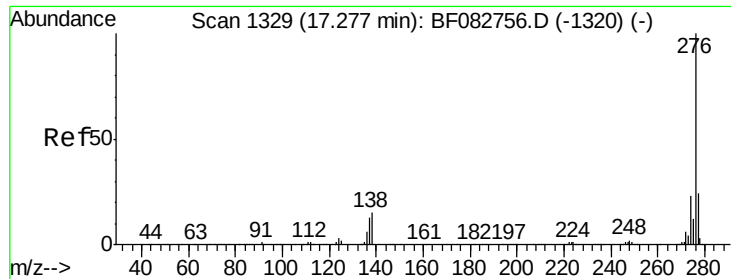
#90
Dibenzo(a,h)anthracene
Concen: 29.12 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.9	14.9#
279	24.1	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





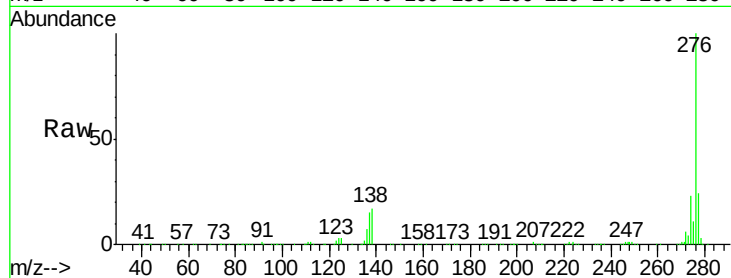
#91
 Benzo(g,h,i)perylene
 Concen: 29.71 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. -0.09 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	17.4	13.1	19.7

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

