

Data Path : Z:\HPCHEM1\BNA F\Data\BF111815\
 Data File : BF083007.D
 Acq On : 18 Nov 2015 13:40
 Operator : UM/IZ
 Sample : PB86660BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Manual Integrations
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 11/19/2015 6:44:08 PM

Quant Time: Nov 19 01:47:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160321	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	669356	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	289977	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	583138	20.00	ng	0.00
75) Chrysene-d12	13.88	240	463834	20.00	ng	-0.01
86) Perylene-d12	15.29	264	432782	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1306139	126.76	ng	0.01
7) Phenol-d6	6.40	99	1830938	133.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1028432	66.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	427906	128.70	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1832945	90.59	ng	0.00
78) Terphenyl-d14	12.84	244	1819661	93.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	201589	45.34	ng	97
3) Pyridine	2.99	79	442955	34.34	ng	94
4) n-Nitrosodimethylamine	2.93	42	250146	39.09	ng	# 73
6) Aniline	6.40	93	263290	13.69	ng	# 1
8) 2-Chlorophenol	6.52	128	487693	42.70	ng	92
9) Benzaldehyde	6.27	77	445364	58.85	ng	90
10) Phenol	6.41	94	614526	39.54	ng	# 74
11) bis(2-Chloroethyl)ether	6.48	93	523559	45.04	ng	# 83
12) 1,3-Dichlorobenzene	6.67	146	496660m	38.55	ng	
13) 1,4-Dichlorobenzene	6.75	146	546697	40.79	ng	93
14) 1,2-Dichlorobenzene	6.90	146	448896	36.83	ng	95
15) Benzyl Alcohol	6.89	79	473914	39.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	824696	48.37	ng	95
17) 2-Methylphenol	7.01	107	449174	46.43	ng	98
18) Hexachloroethane	7.24	117	201798	42.09	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	428686	42.57	ng	# 83
20) 3+4-Methylphenols	7.16	107	542653	43.14	ng	# 61
22) Acetophenone	7.15	105	729321	38.03	ng	# 96
24) Nitrobenzene	7.32	77	597156	37.96	ng	98
25) Isophorone	7.56	82	1024755	36.00	ng	99
26) 2-Nitrophenol	7.64	139	268715	40.92	ng	# 54
27) 2,4-Dimethylphenol	7.69	122	432387	36.65	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	614698	38.29	ng	98
29) 2,4-Dichlorophenol	7.88	162	428204	40.16	ng	86
30) 1,2,4-Trichlorobenzene	7.96	180	440627	36.74	ng	98
31) Naphthalene	8.04	128	1372564	37.17	ng	99
32) Benzoic acid	7.82	122	287765	35.62	ng	85
33) 4-Chloroaniline	8.09	127	84785	5.33	ng	91
34) Hexachlorobutadiene	8.17	225	252573	33.66	ng	98
35) Caprolactam	8.48	113	137899m	41.02	ng	
36) 4-Chloro-3-methylphenol	8.59	107	442695	35.30	ng	91
37) 2-Methylnaphthalene	8.74	142	867890m	36.33	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	360671	37.85	ng	99
40) Hexachlorocyclopentadiene	8.90	237	440740	86.09	ng	97

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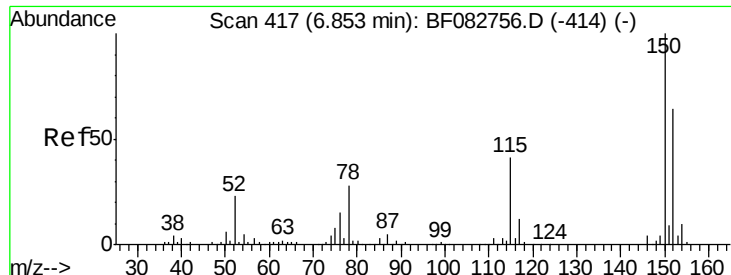
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	285886	40.19	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	286511	40.73	nq	94
45) 1,1'-Biphenyl	9.20	154	944889	37.97	nq	94
46) 2-Chloronaphthalene	9.22	162	778387	40.10	nq	97
47) 2-Nitroaniline	9.32	65	307784	42.75	nq	# 55
48) Acenaphthylene	9.63	152	1220932	40.14	nq	98
49) Dimethylphthalate	9.50	163	892259	37.56	nq	100
50) 2,6-Dinitrotoluene	9.56	165	208549	41.14	nq	98
51) Acenaphthene	9.80	154	864241	44.83	nq	99
52) 3-Nitroaniline	9.72	138	40609	7.28	nq	90
53) 2,4-Dinitrophenol	9.84	184	217424	78.12	nq	# 25
54) Dibenzofuran	9.97	168	1119173	43.06	nq	95
55) 4-Nitrophenol	9.92	139	369162	86.31	nq	89
56) 2,4-Dinitrotoluene	9.96	165	277189	40.30	nq	91
57) Fluorene	10.32	166	823261	39.11	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227629	39.65	nq	92
59) Diethylphthalate	10.20	149	957089	41.26	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	446676	42.41	nq	94
61) 4-Nitroaniline	10.34	138	191215	34.11	nq	# 84
62) Azobenzene	10.48	77	1194849	47.95	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	160060	38.53	nq	78
65) n-Nitrosodiphenylamine	10.44	169	787116	37.36	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	269811	38.43	nq	98
67) Hexachlorobenzene	10.86	284	275043	35.08	nq	# 87
68) Atrazine	10.97	200	246967	37.91	nq	98
69) Pentachlorophenol	11.07	266	340351	71.49	nq	98
70) Phenanthrene	11.28	178	1382108	40.81	nq	98
71) Anthracene	11.32	178	1361956	38.18	nq	98
72) Carbazole	11.48	167	1112678	35.63	nq	98
73) Di-n-butylphthalate	11.82	149	1545291	39.72	nq	99
74) Fluoranthene	12.45	202	1398149	38.47	nq	98
76) Benzidine	12.58	184	520690	33.50	nq	98
77) Pyrene	12.68	202	1335632	41.93	nq	98
79) Butylbenzylphthalate	13.32	149	671151	47.69	nq	# 78
80) Benzo(a)anthracene	13.87	228	1264032	43.58	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	159530	15.47	nq	98
82) Chrysene	13.92	228	1184064	44.57	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	854227	44.35	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1532474	47.70	nq	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	958576	41.90	nq	97
87) Benzo(b)fluoranthene	14.90	252	1067319m	38.42	nq	
88) Benzo(k)fluoranthene	14.93	252	1094770m	44.42	nq	
89) Benzo(a)pyrene	15.23	252	996399	41.40	nq	# 98
90) Dibenzo(a,h)anthracene	16.63	278	797033	39.11	nq	99
91) Benzo(g,h,i)perylene	17.00	276	772568	39.58	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

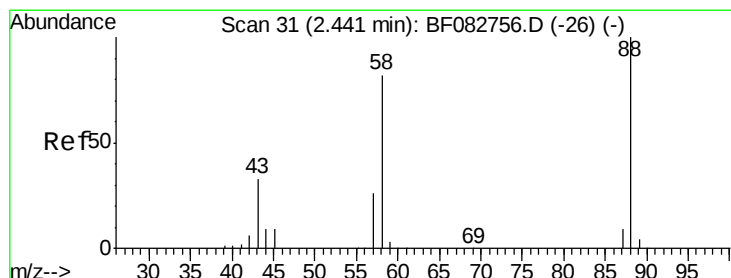
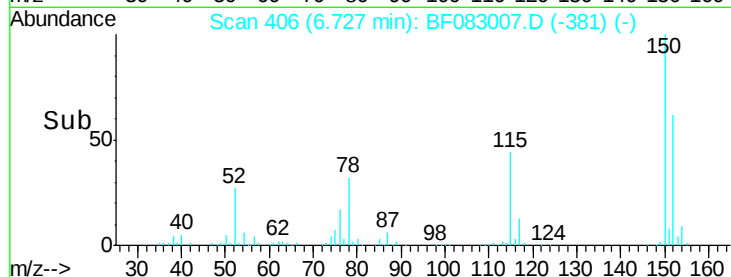
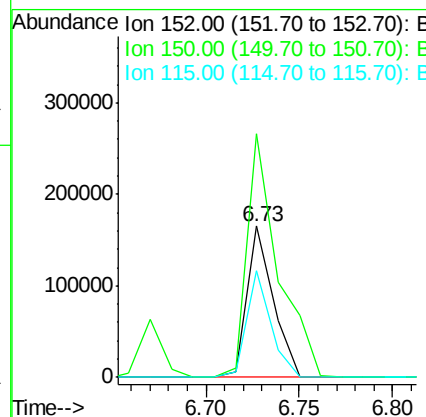
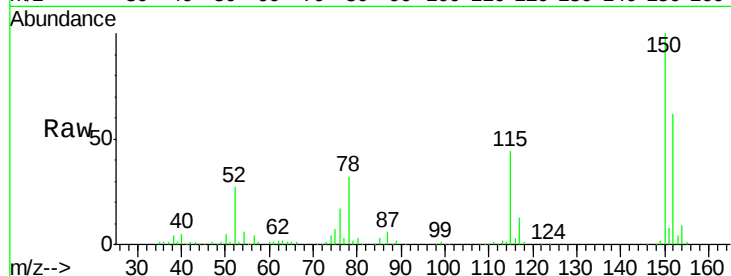
ClientSampleId :

PB86660BS

Tot Ion:	152	Resp:	160321
Ion Ratio	Lower	Upper	
152	100		
150	161.4	127.0	190.4
115	70.3	47.0	70.6

Manual Integrations
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#2

1,4-Dioxane

Concen: 45.34 ng

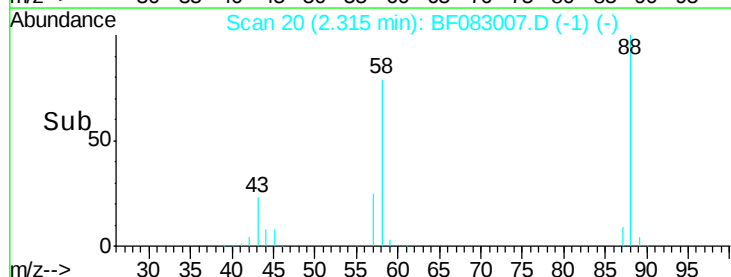
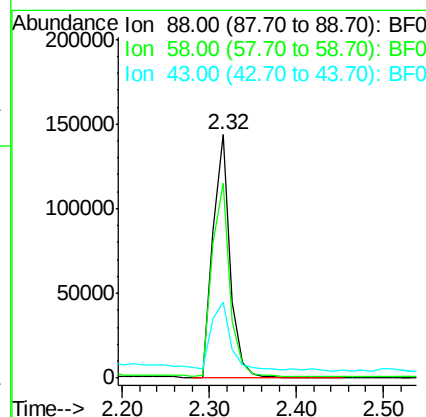
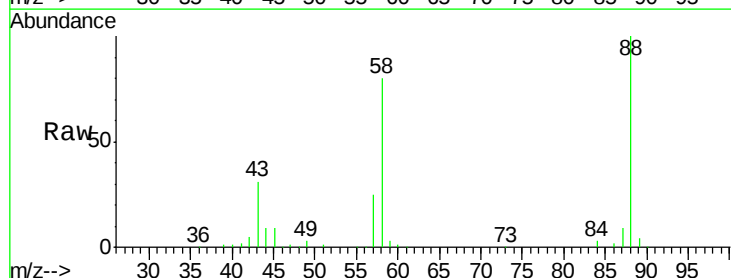
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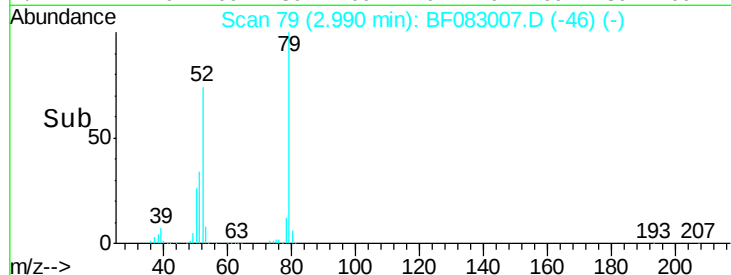
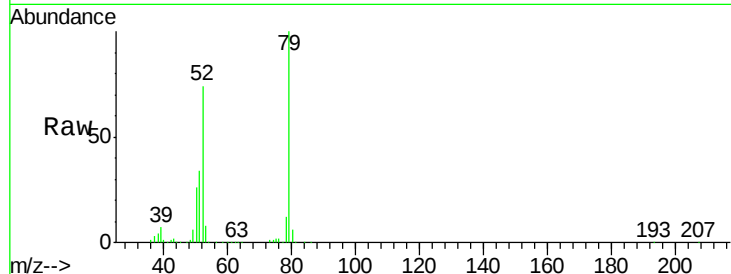
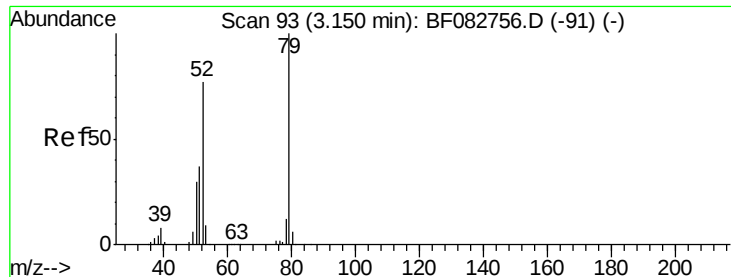
Delta R.T. 0.08 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	88	Resp:	201589
Ion Ratio	Lower	Upper	
88	100		
58	80.1	62.0	93.0
43	30.8	26.6	40.0





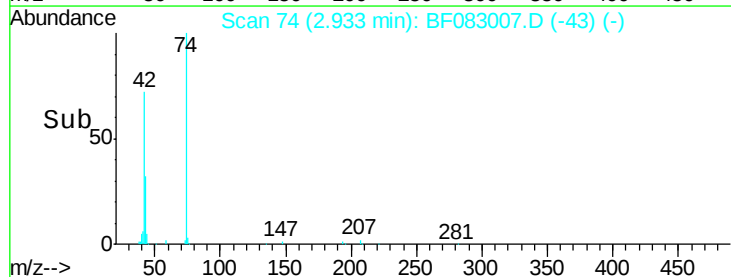
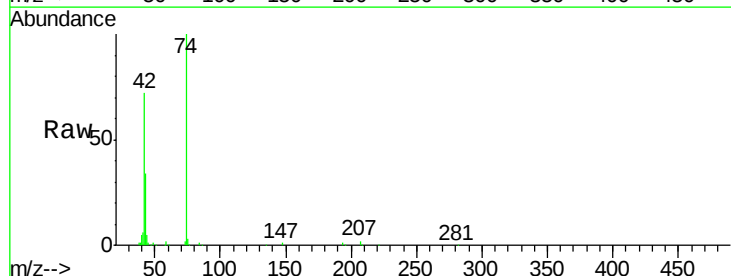
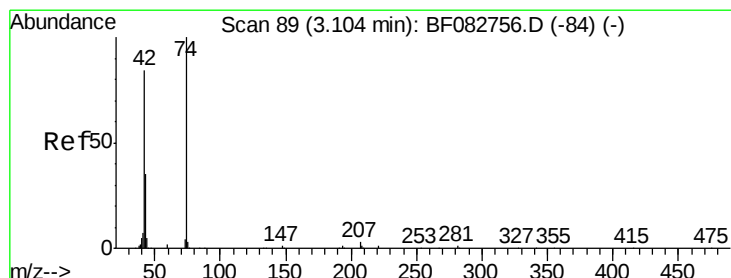
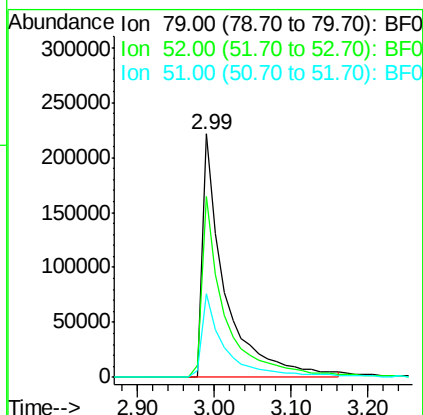
#3
 Pvridine
 Concen: 34.34 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.2	62.8	94.2
51	34.5	32.0	48.0

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

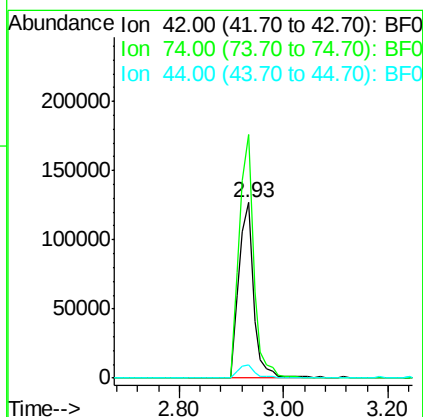
Manual Integrations
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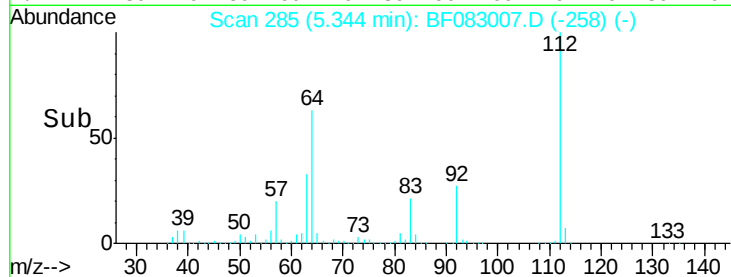
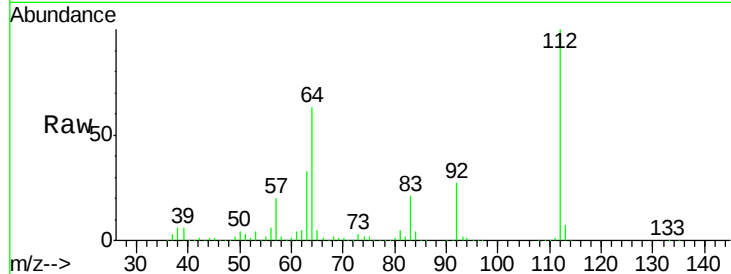
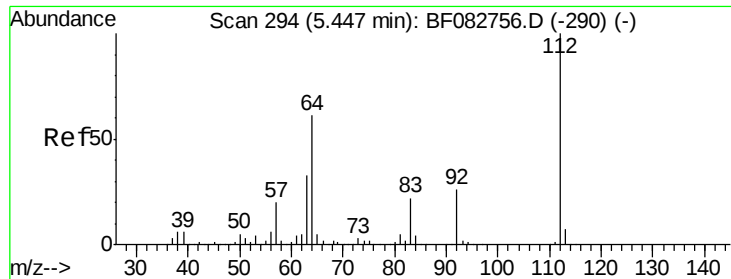
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#4
 n-Nitrosodimethylamine
 Concen: 39.09 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.8	87.0	130.4#
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 126.76 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tot Ion:	112	Resp:	1306139
Ion Ratio	Lower	Upper	
112	100		
64	63.1	48.9	73.3
63	33.1	28.1	42.1

Instrument :

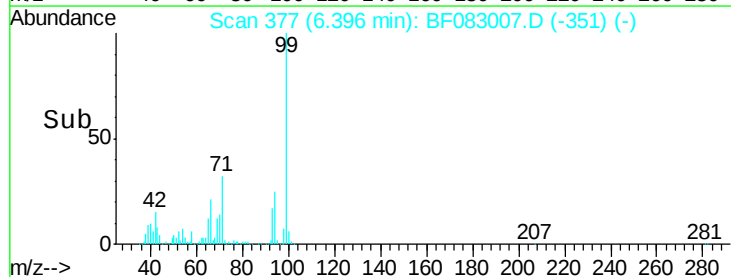
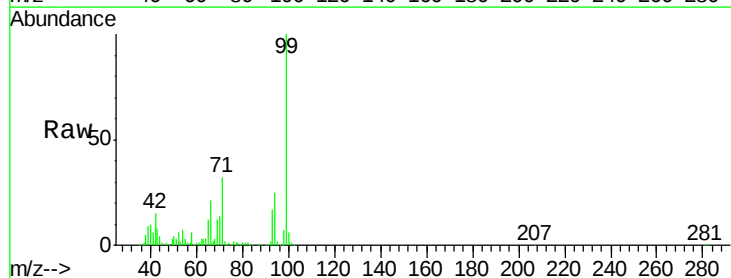
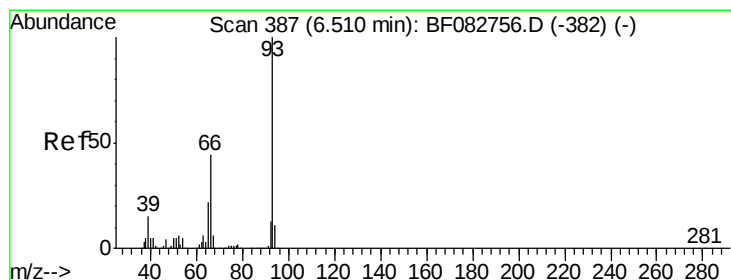
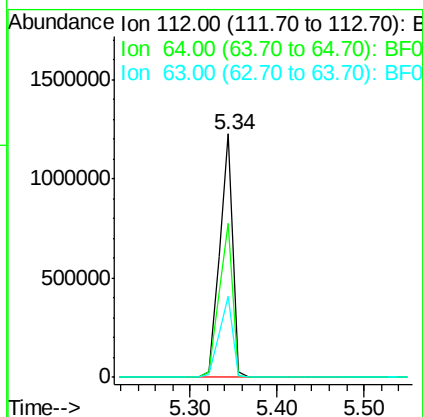
BNA_F

ClientSampleId :

PB86660BS

Manual Integrations
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#6

Aniline

Concen: 13.69 ng

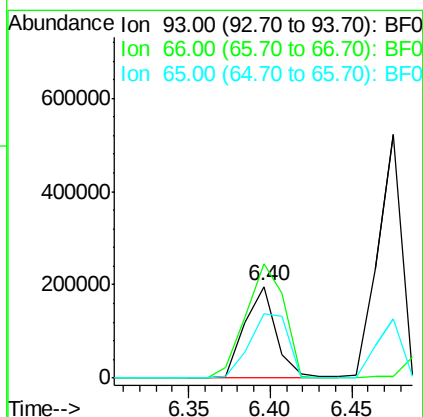
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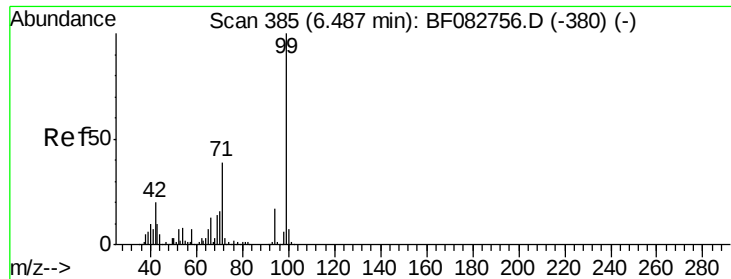
Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	93	Resp:	263290
Ion Ratio	Lower	Upper	
93	100		
66	124.8	33.6	50.4#
65	70.2	18.1	27.1#





#7

Phenol-d6

Concen: 133.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion: 99 Resp: 1830938

Ion Ratio Lower Upper

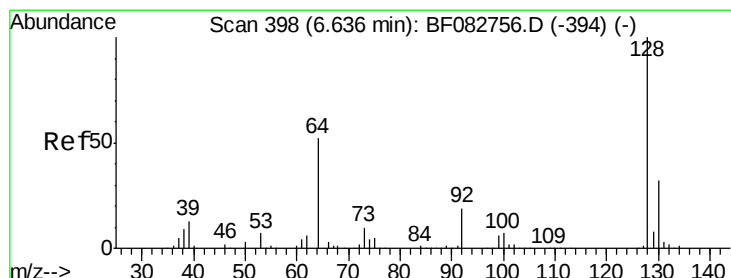
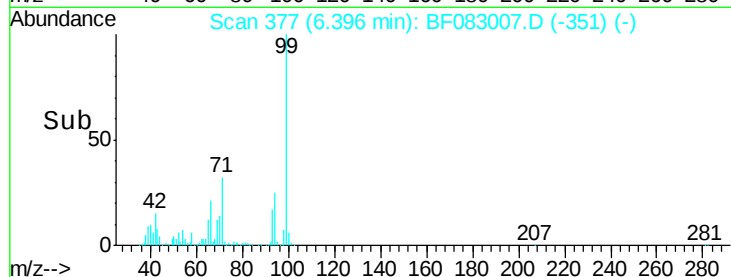
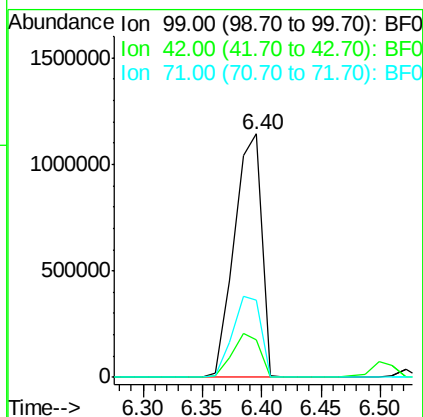
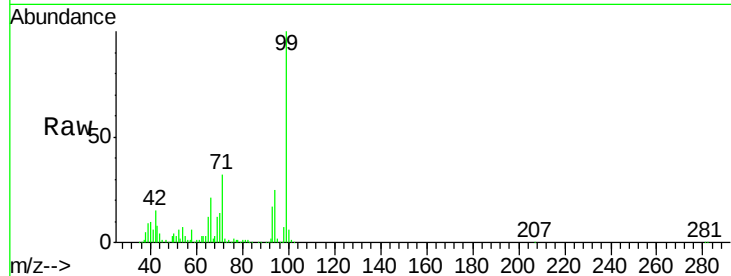
99 100

42 15.5 19.2 28.8#

71 31.9 35.0 52.4#

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#8

2-Chlorophenol

Concen: 42.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

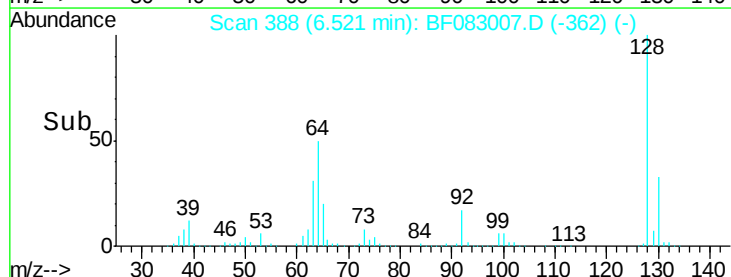
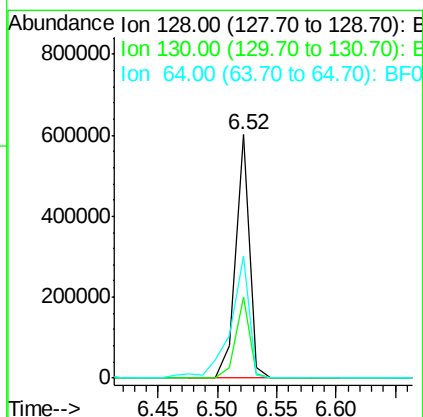
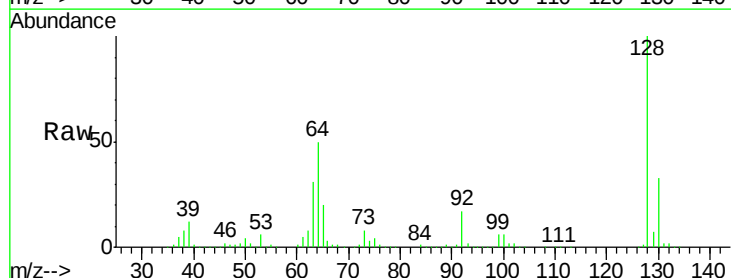
Tgt Ion: 128 Resp: 487693

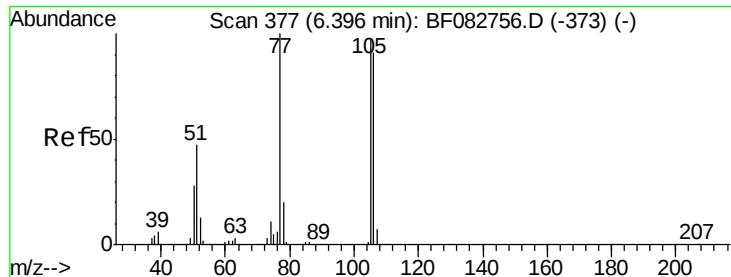
Ion Ratio Lower Upper

128 100

130 33.1 13.5 53.5

64 50.3 21.1 61.1





#9

Benzaldehyde

Concen: 58.85 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

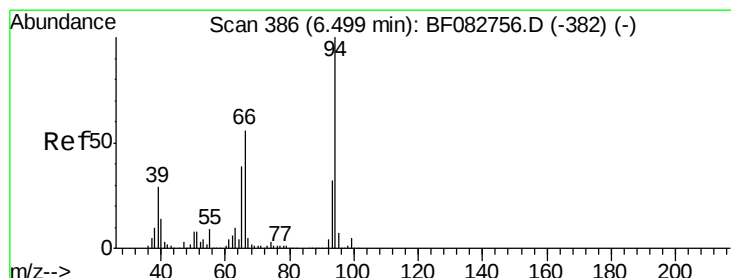
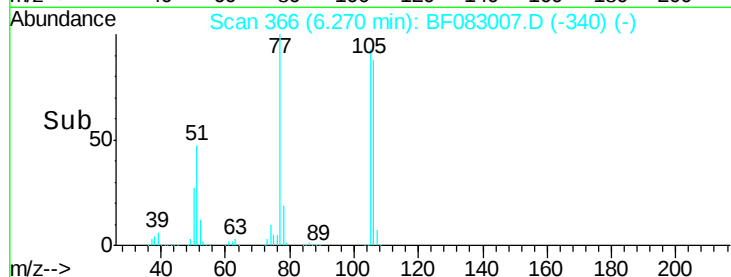
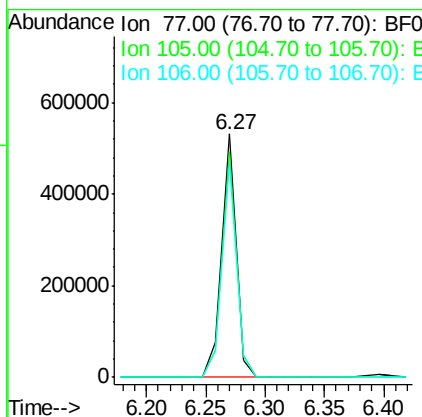
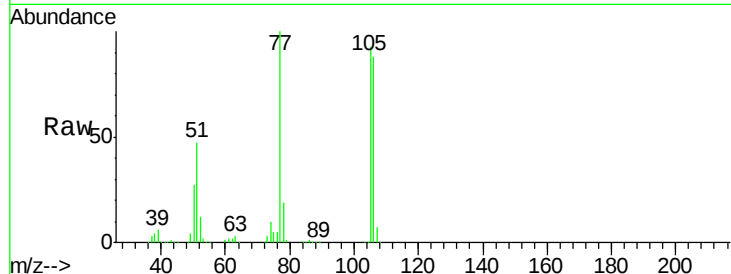
ClientSampleId :

PB86660BS

Tot Ion:	77	Resp:	445364
Ion Ratio	Lower	Upper	
77	100		
105	92.6	63.5	103.5
106	88.0	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 39.54 ng

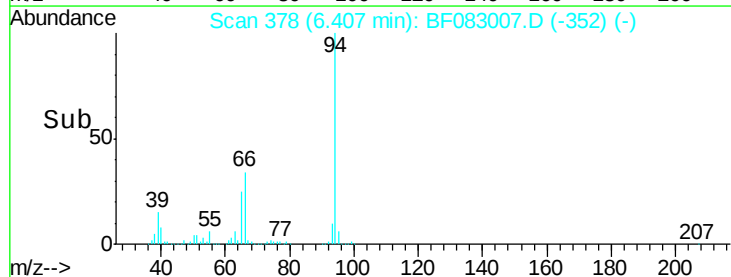
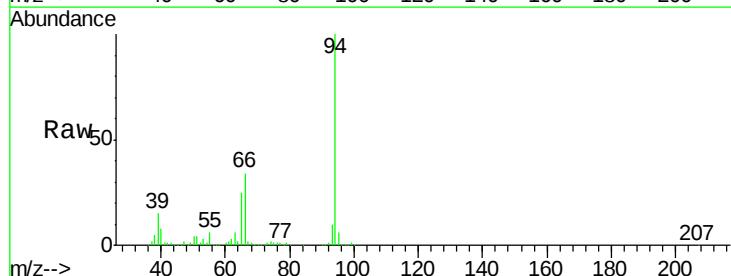
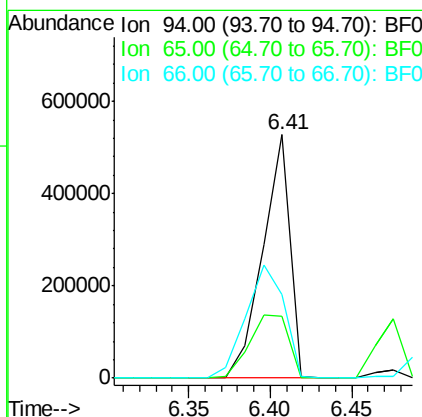
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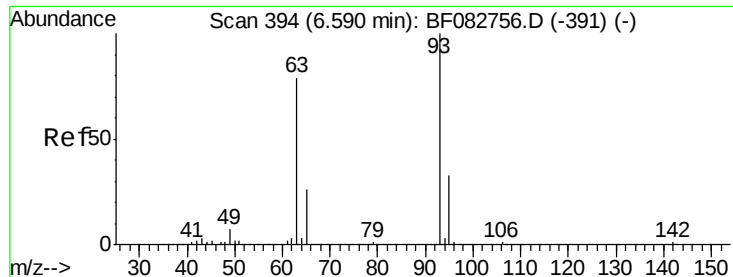
Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	94	Resp:	614526
Ion Ratio	Lower	Upper	
94	100		
65	25.3	18.9	58.9
66	34.3	34.9	74.9#





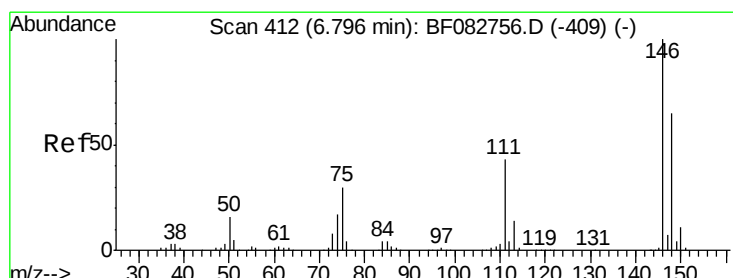
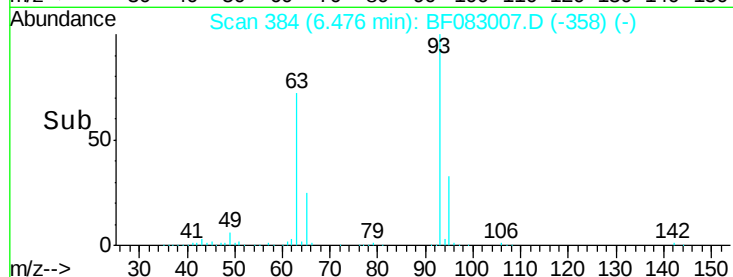
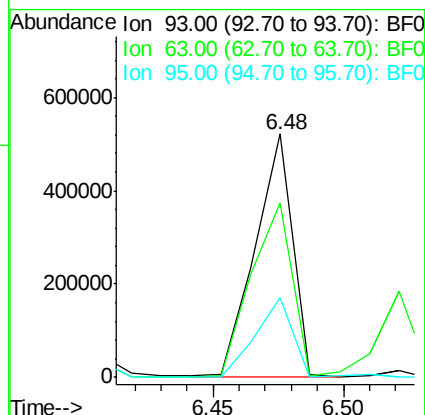
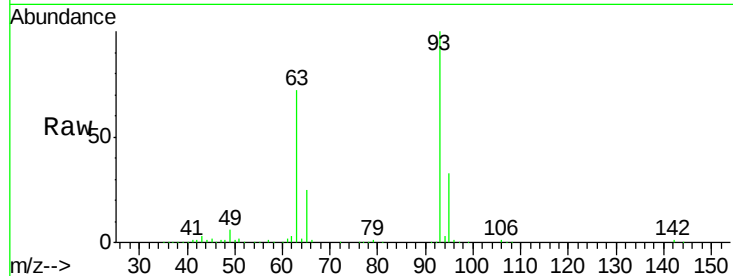
#11
bis(2-Chloroethyl)ether
Concen: 45.04 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	72.7	112.7#
95	32.9	12.0	52.0

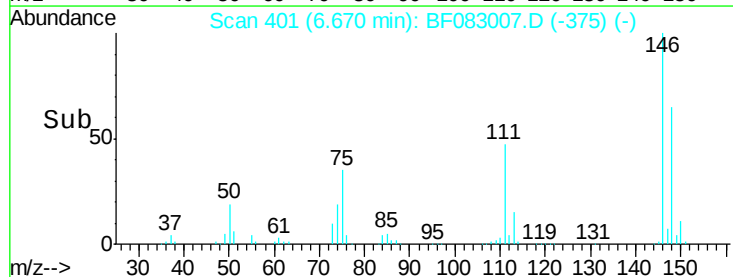
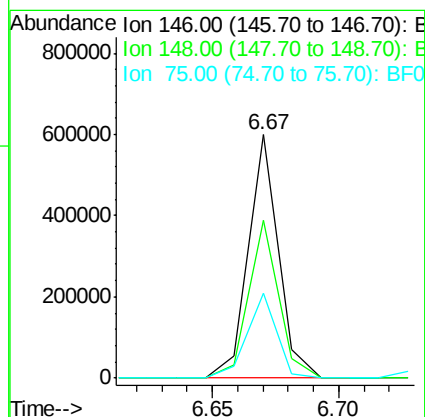
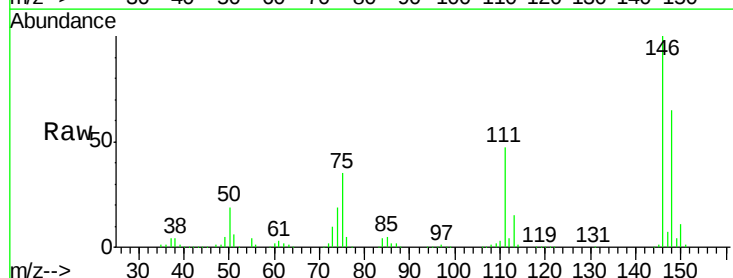
Manual Integrations
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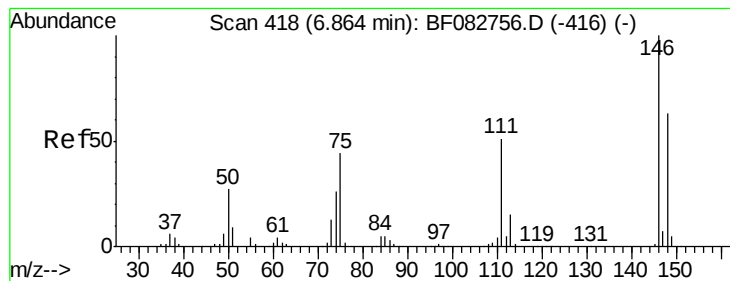
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 38.55 ng m
RT: 6.67 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
75	35.0	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 40.79 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

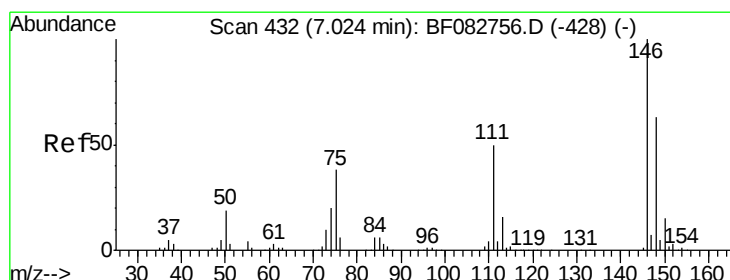
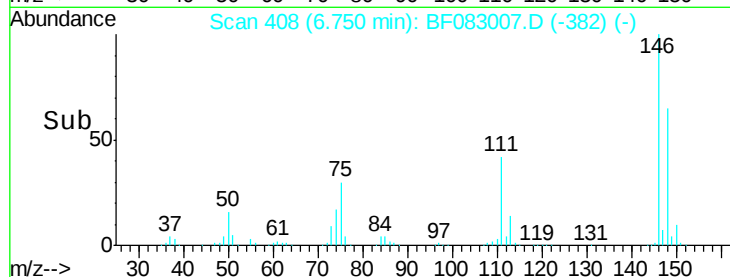
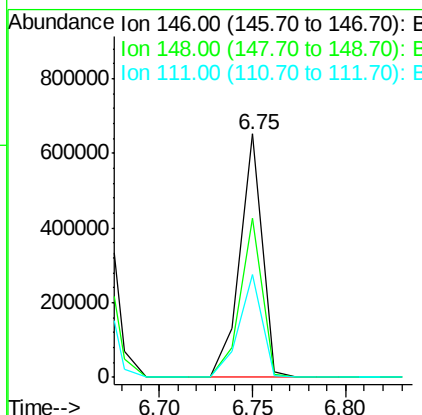
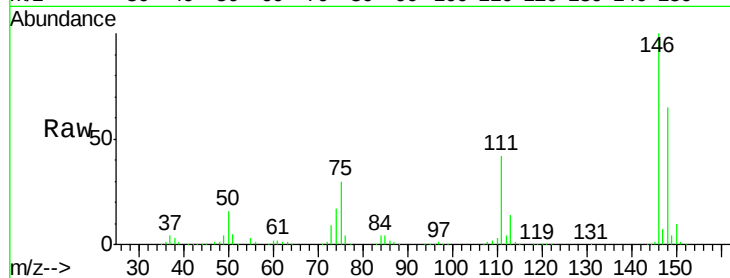
ClientSampleId :

PB86660BS

Tot Ion:	146	Resp:	546697
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	42.2	40.6	60.8

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#14

1,2-Dichlorobenzene

Concen: 36.83 ng

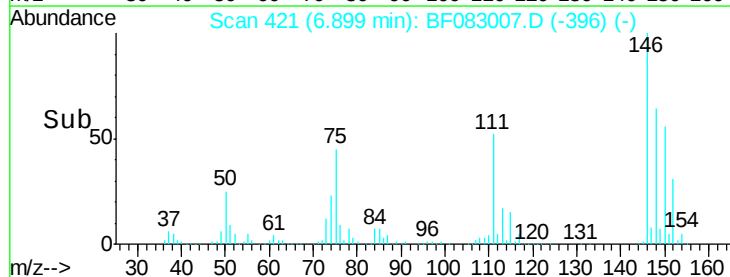
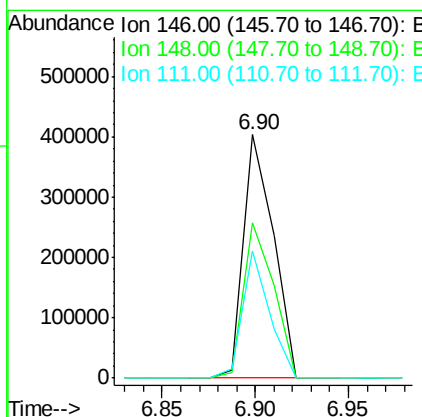
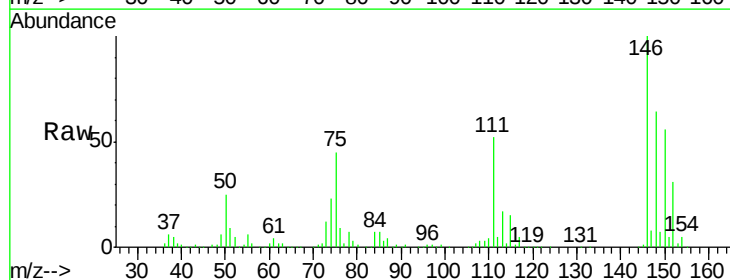
RT: 6.90 min Scan# 421

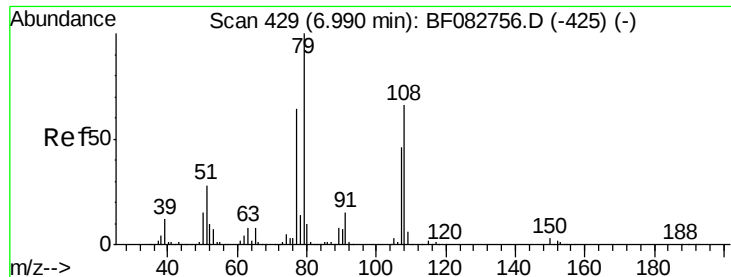
Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	146	Resp:	448896
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.4
111	52.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 39.40 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

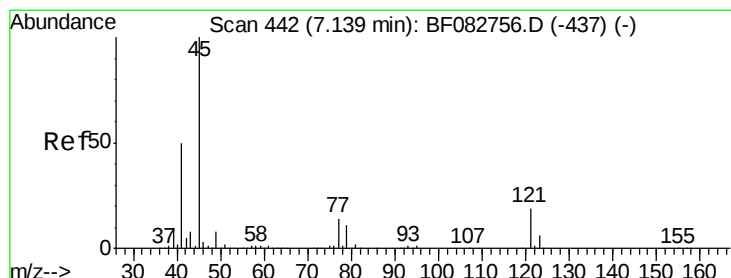
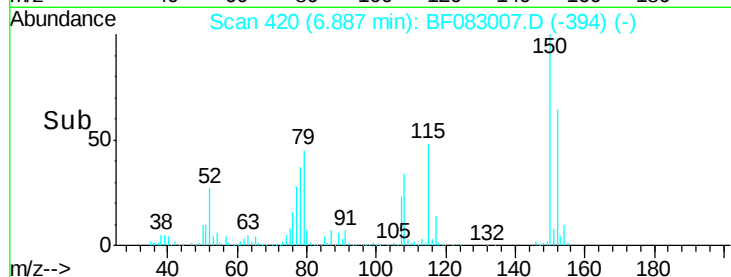
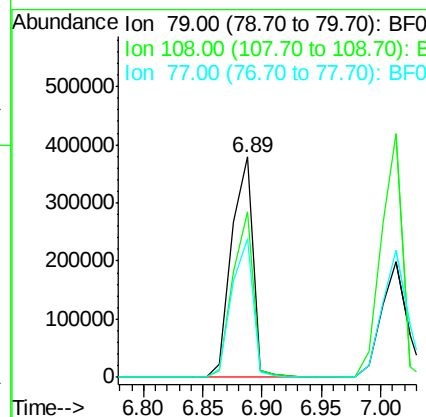
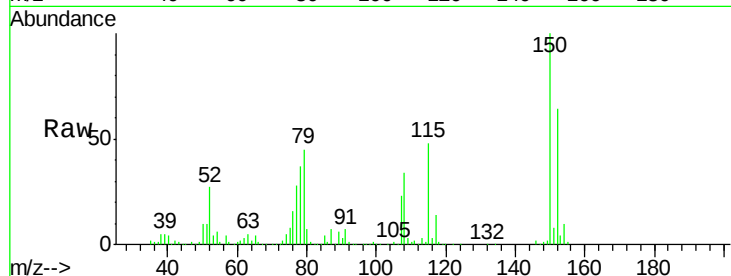
ClientSampleId :

PB86660BS

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Tot Ion:	79	Resp:	473914
Ion Ratio	Lower	Upper	
79	100		
108	75.4	52.2	78.4
77	63.0	52.7	79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.37 ng

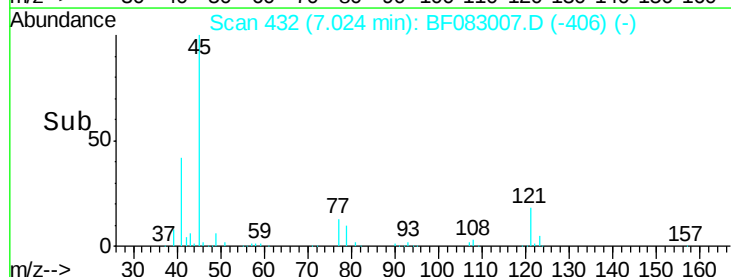
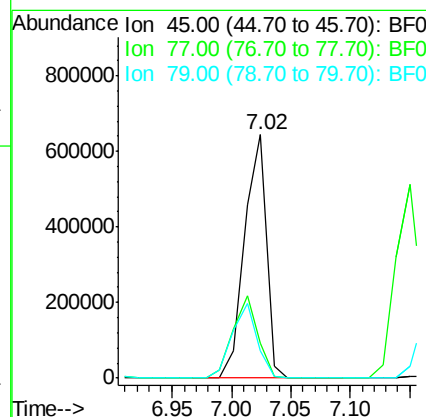
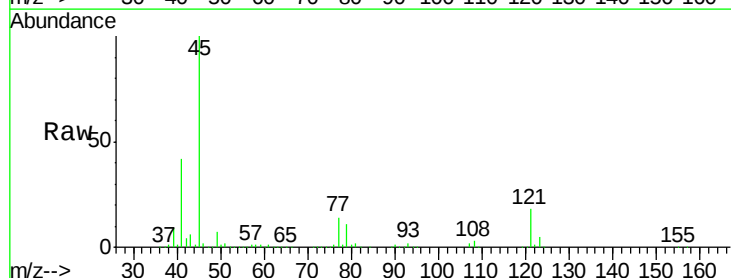
RT: 7.02 min Scan# 432

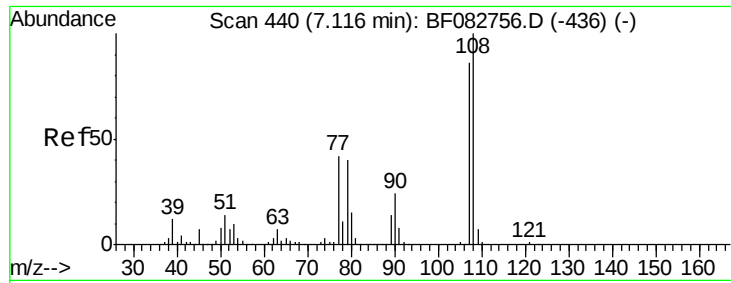
Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	45	Resp:	824696
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	32.6
79	11.4	0.0	29.2





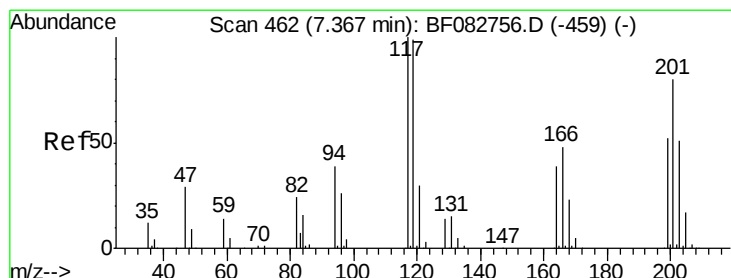
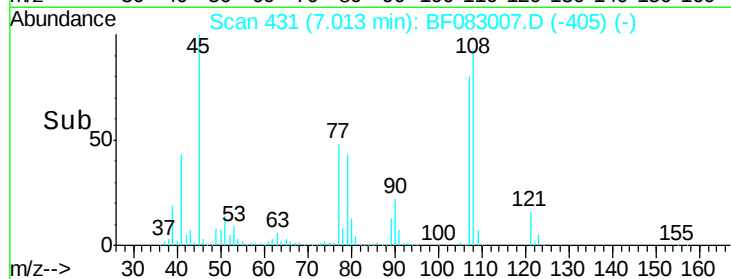
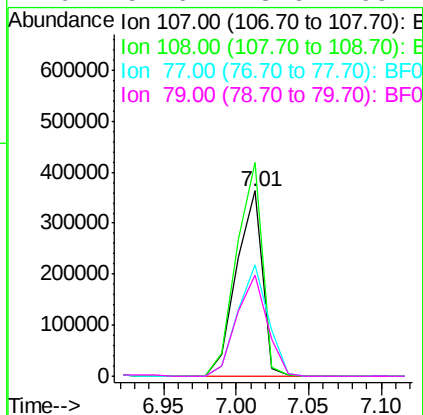
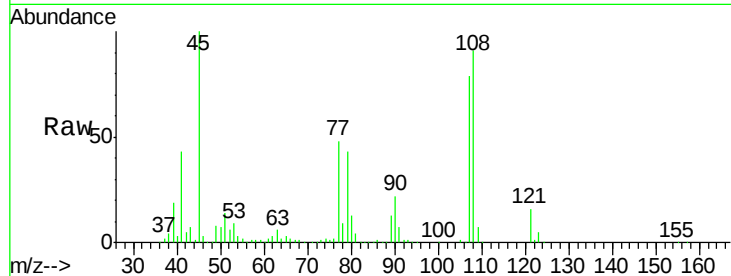
#17
2-Methylphenol
Concen: 46.43 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB8660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	449174		
108	108	115.3	93.0	139.4	
77	77	60.1	44.1	66.1	
79	79	54.6	43.6	65.4	

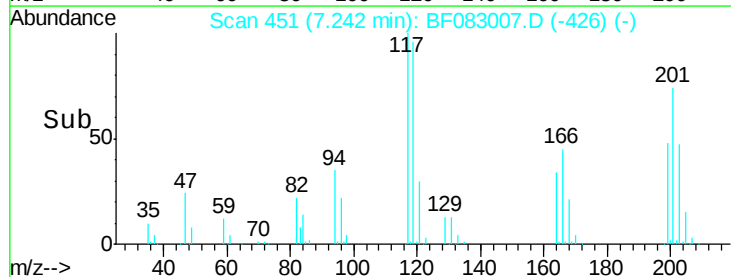
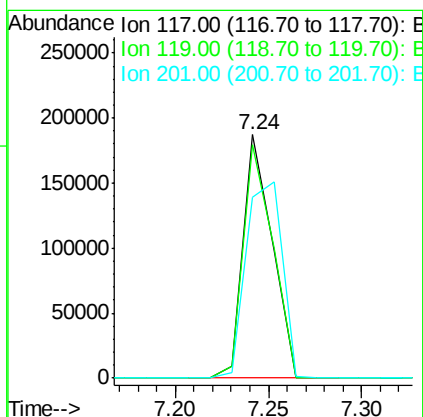
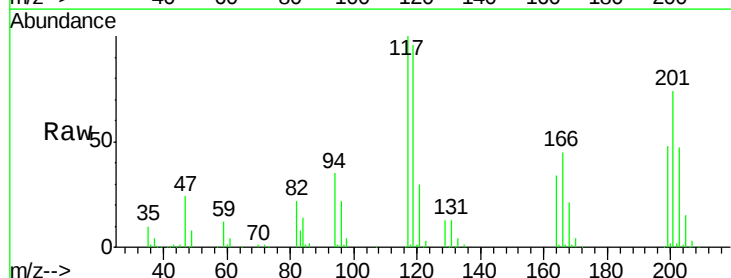
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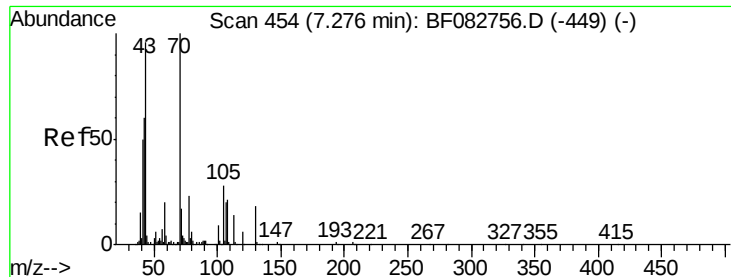
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#18
Hexachloroethane
Concen: 42.09 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	201798		
119	119	95.6	77.7	116.5	
201	201	74.4	66.7	100.1	





#19

n-Nitroso-di-n-propylamine

Concen: 42.57 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

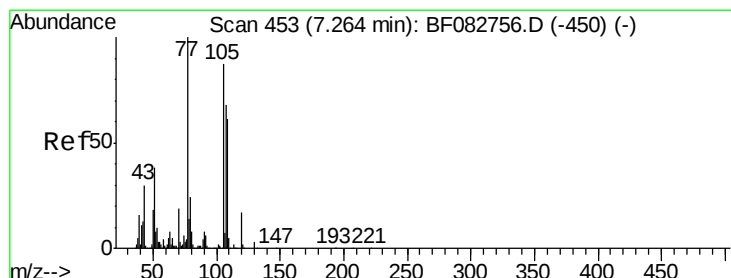
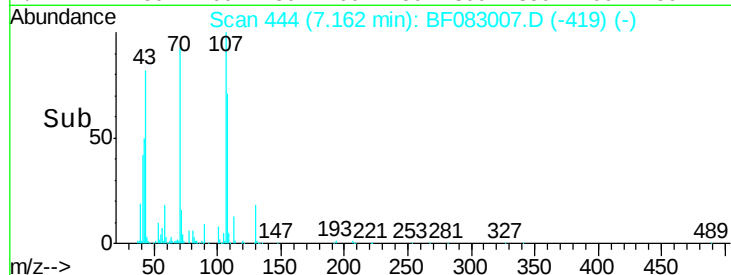
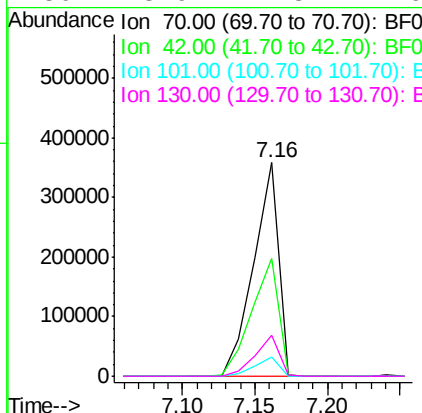
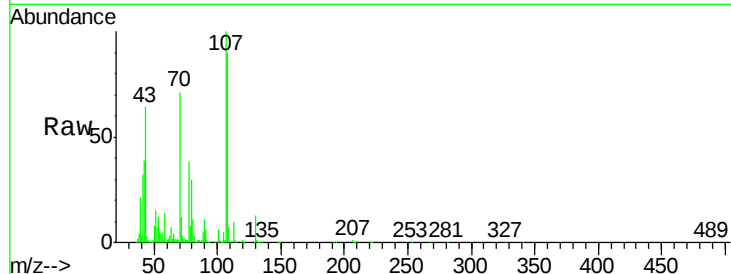
ClientSampleId :

PB86660BS

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Tot Ion:	70	Resp:	428686
Ion Ratio	Lower	Upper	
70	100		
42	55.1	57.7	86.5#
101	9.1	7.0	10.6
130	18.9	11.8	17.6#



#20

3+4-Methylphenols

Concen: 43.14 ng

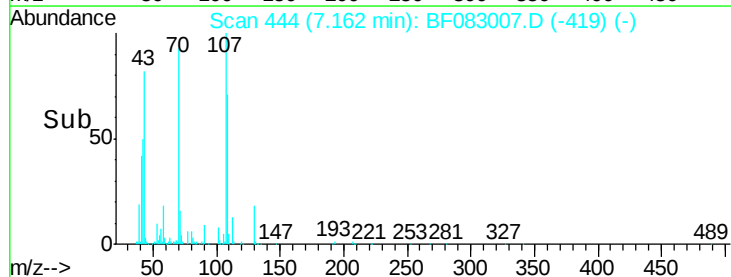
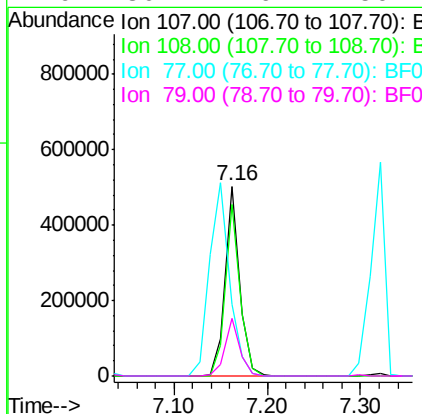
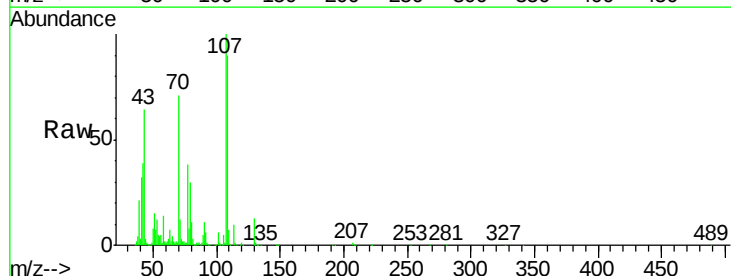
RT: 7.16 min Scan# 444

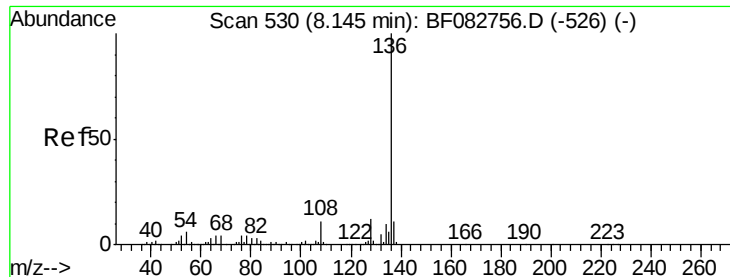
Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	107	Resp:	542653
Ion Ratio	Lower	Upper	
107	100		
108	90.3	67.3	107.3
77	37.7	100.3	140.3#
79	30.1	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF083007.D

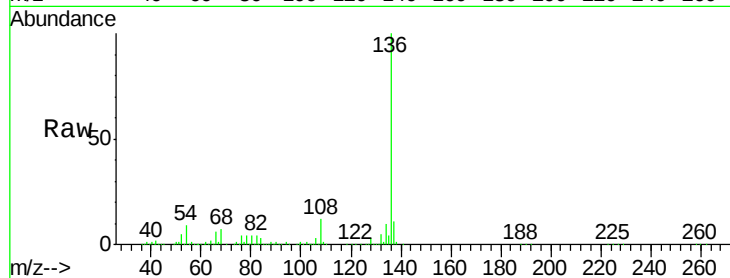
Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

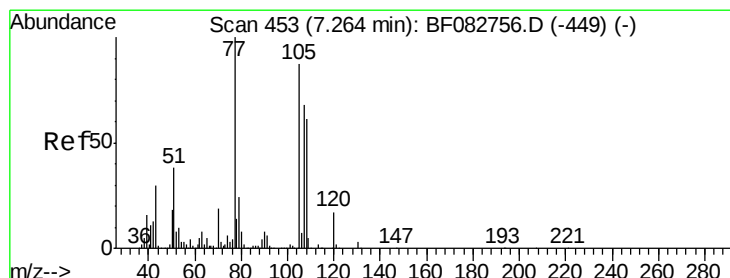
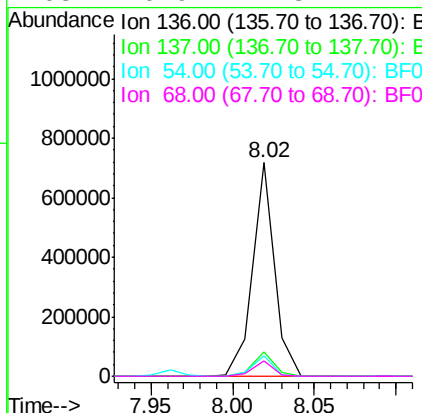
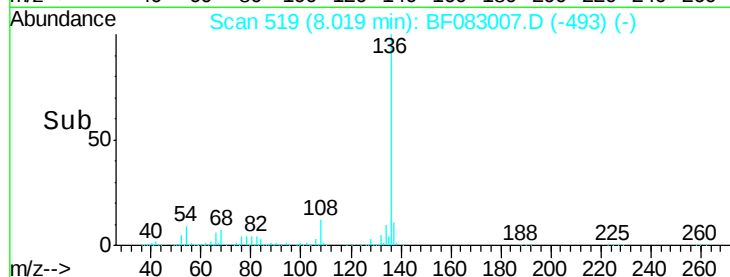
PB86660BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669356		
137	11.4	9.1	13.7		
54	9.3	9.1	13.7		
68	6.9	4.8	7.2		

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#22

Acetophenone

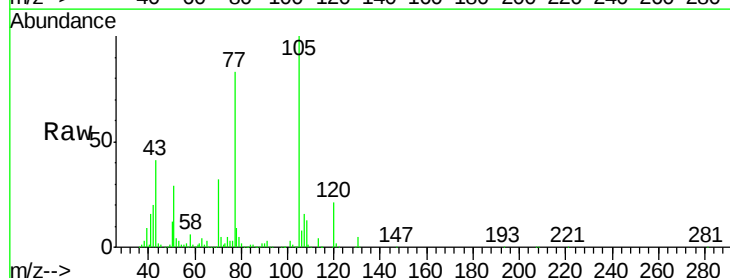
Concen: 38.03 ng

RT: 7.15 min Scan# 443

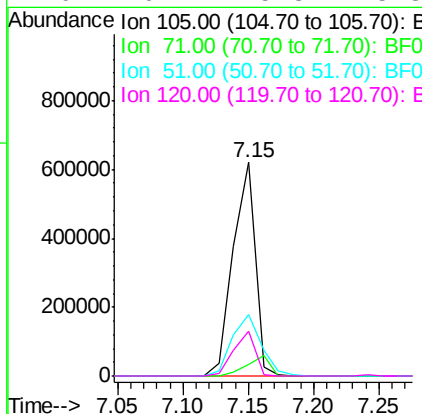
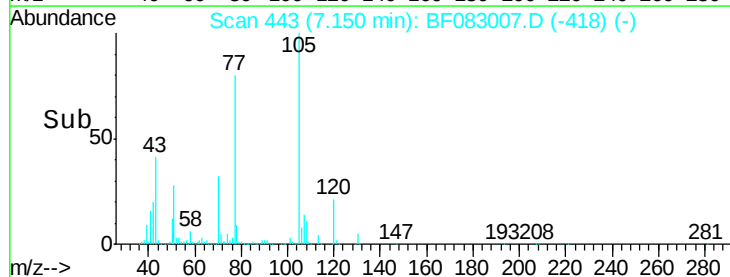
Delta R.T. -0.01 min

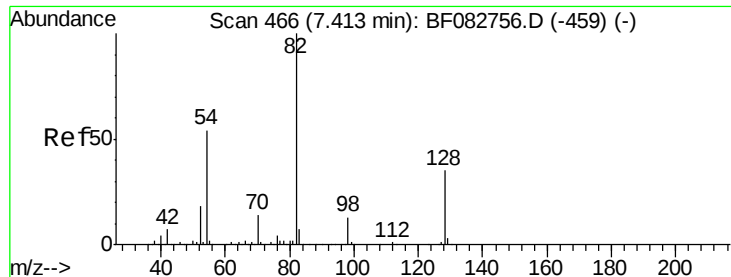
Lab File: BF083007.D

Acq: 18 Nov 2015 13:40



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		729321		
71	5.3	5.6	8.4#		
51	28.8	24.9	37.3		
120	20.7	15.8	23.8		





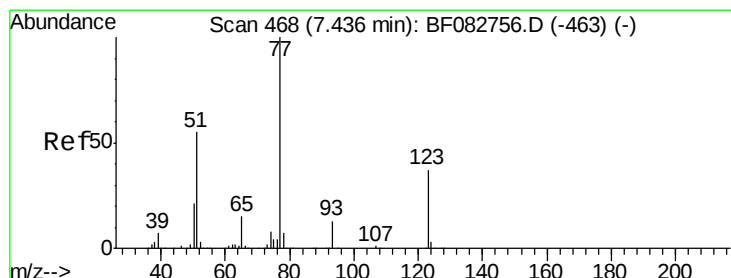
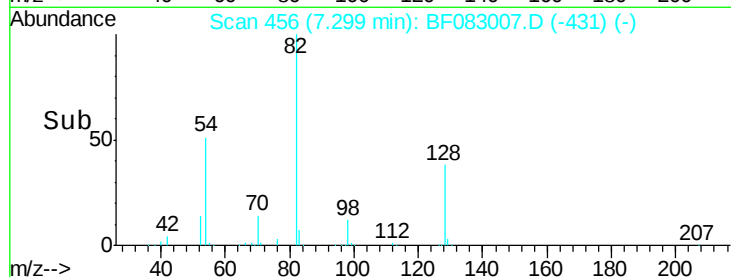
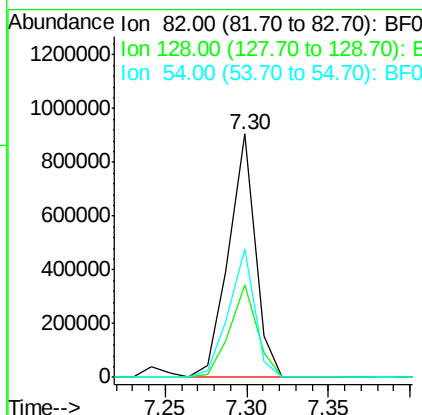
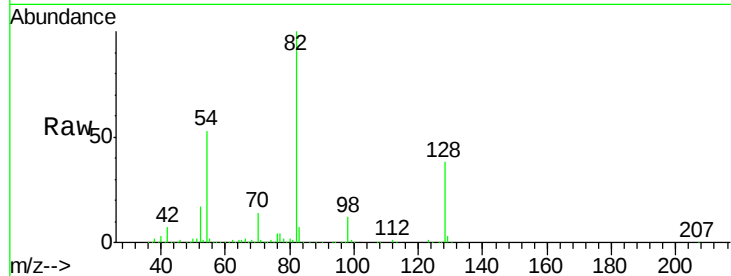
#23
 Nitrobenzene-d5
 Concen: 66.85 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	82	Resp	1028432
Ion Ratio	100	Lower	Upper
82	100		
128	38.0	26.8	40.2
54	52.8	45.7	68.5

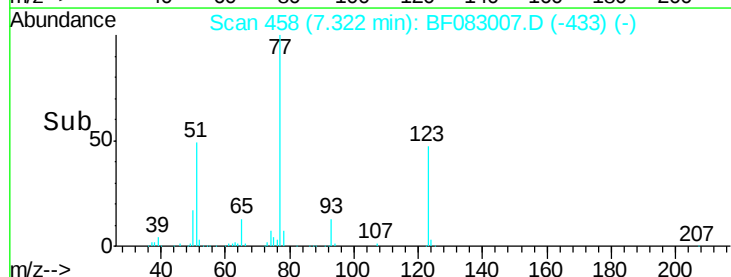
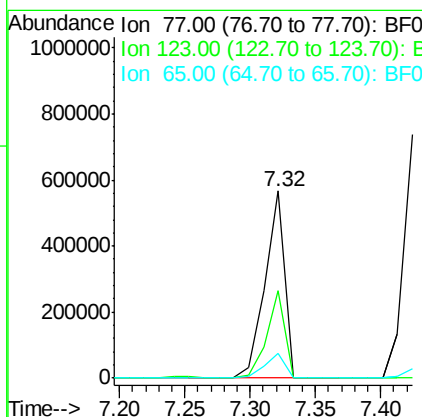
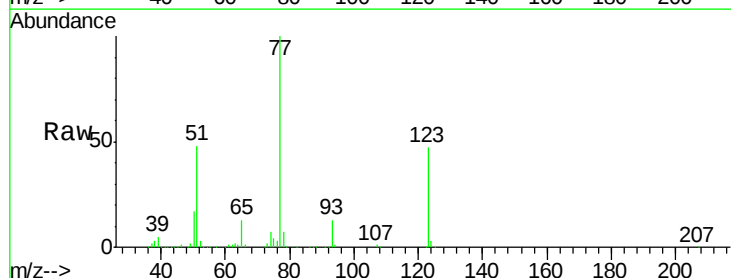
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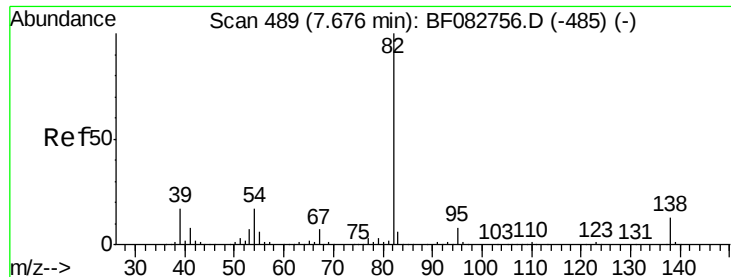
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 11/19/2015 6:44:08 PM



#24
 Nitrobenzene
 Concen: 37.96 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	77	Resp	597156
Ion Ratio	100	Lower	Upper
77	100		
123	47.1	36.4	54.6
65	13.3	11.5	17.3





#25

Isophorone

Concen: 36.00 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion: 82 Resp: 1024755

Ion Ratio Lower Upper

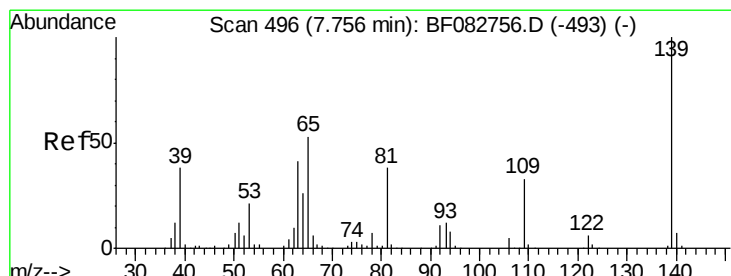
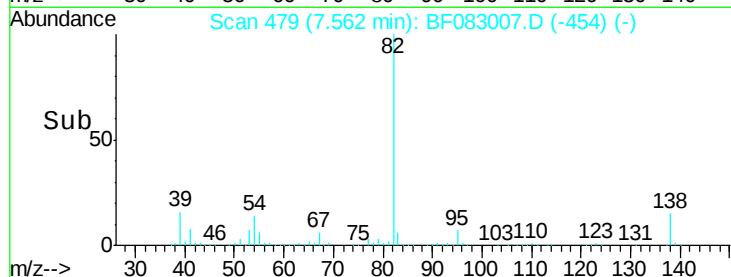
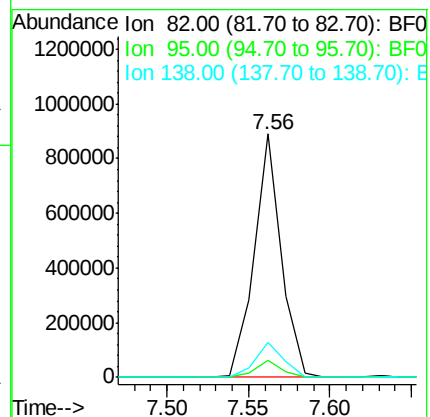
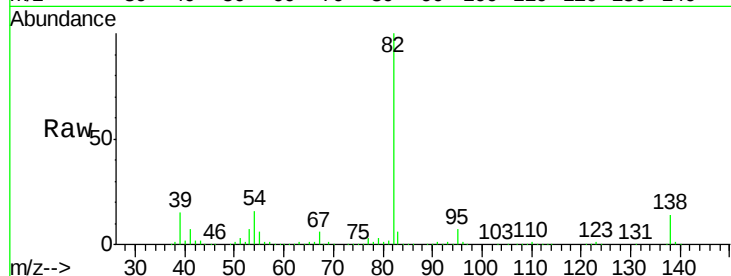
82 100

95 7.0 6.6 9.8

138 14.4 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.92 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

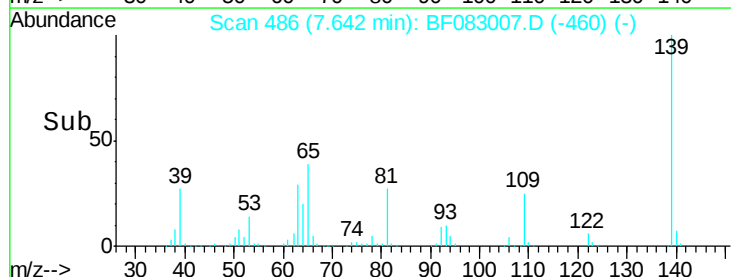
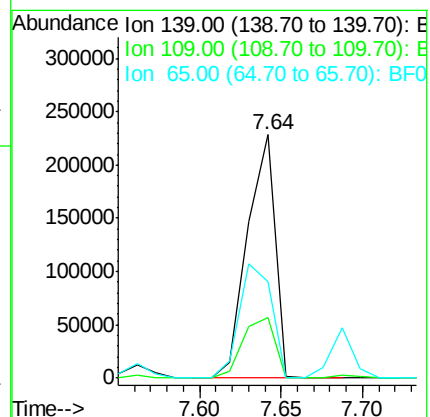
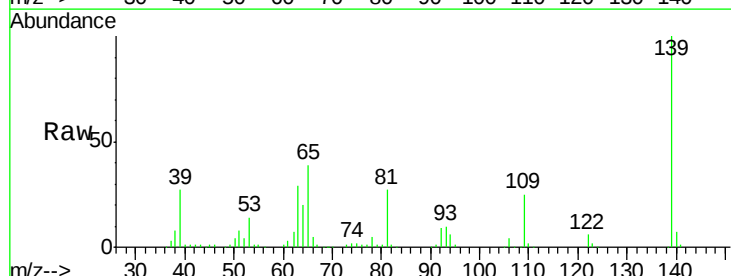
Tgt Ion: 139 Resp: 268715

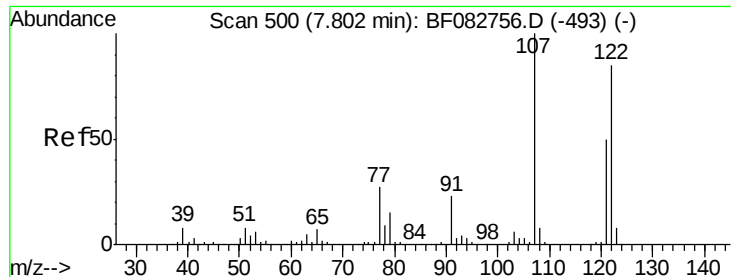
Ion Ratio Lower Upper

139 100

109 24.7 37.6 56.4#

65 39.5 70.6 105.8#





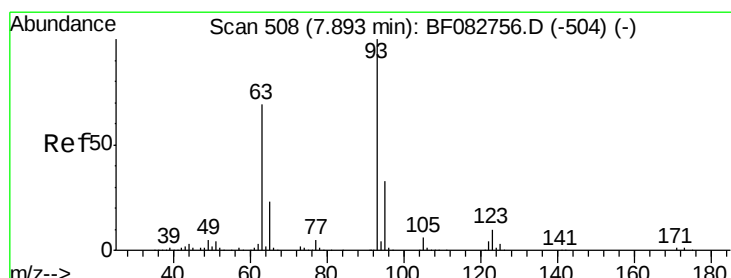
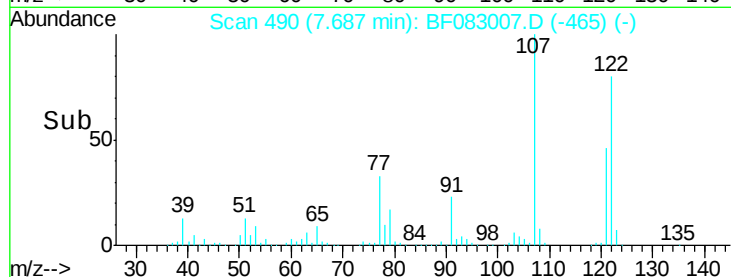
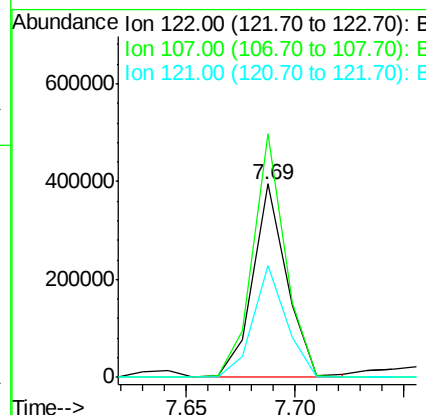
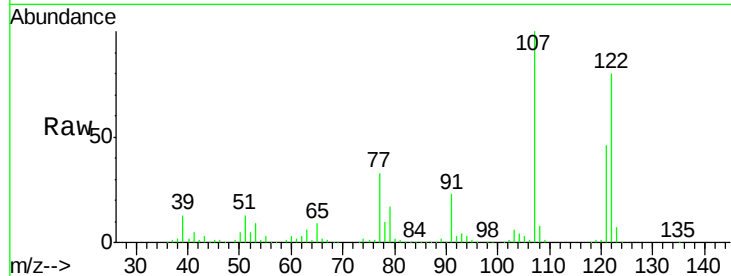
#27
 2,4-Dimethylphenol
 Concen: 36.65 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

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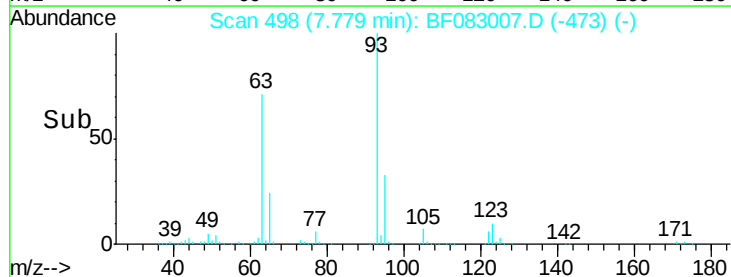
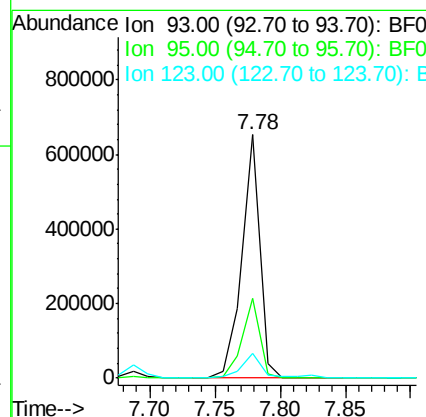
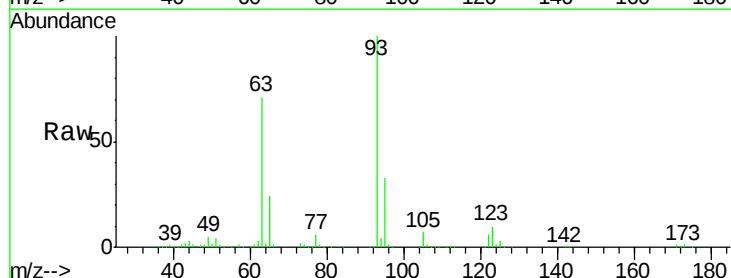
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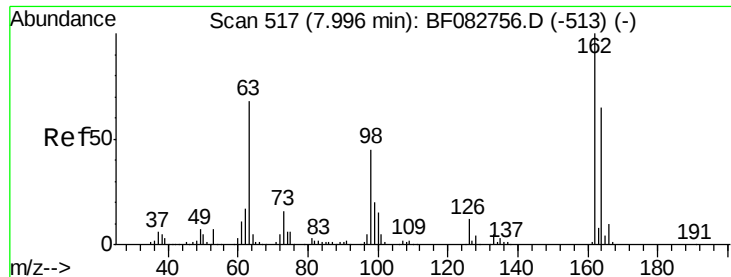
Tot Ion	Ion	Ratio	Resp	Lower	Upper
432387	122	100			
159.0	107	125.8	106.0		
70.1	121	57.6	46.7		



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.29 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
614698	93	100			
40.0	95	33.0	26.6		
14.5	123	10.0	9.7		





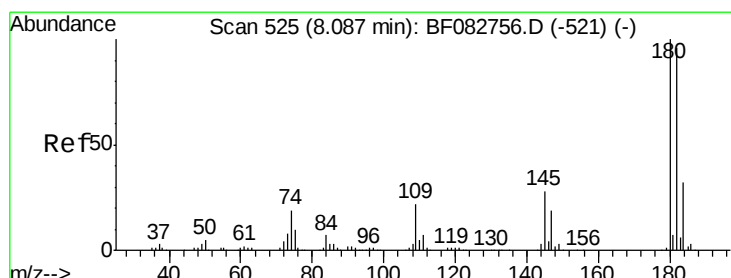
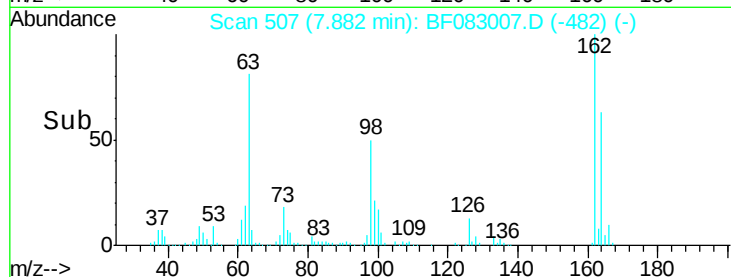
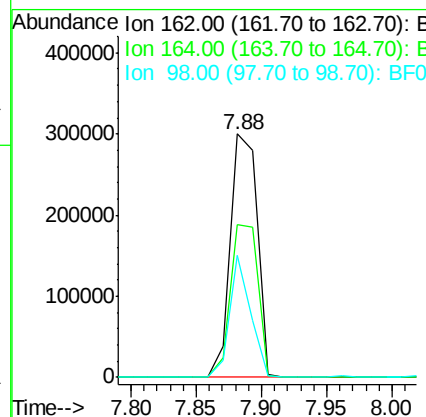
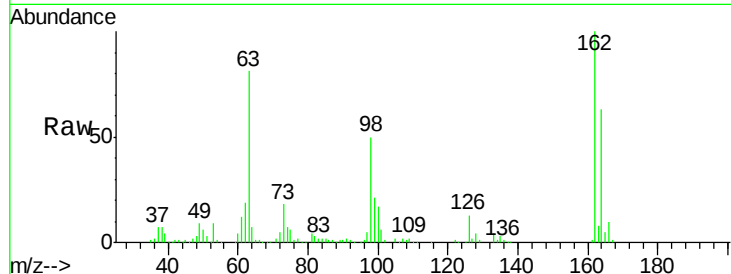
#29
2,4-Dichlorophenol
Concen: 40.16 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	428204		
164	62.6	46.8	86.8	
98	50.2	12.5	52.5	

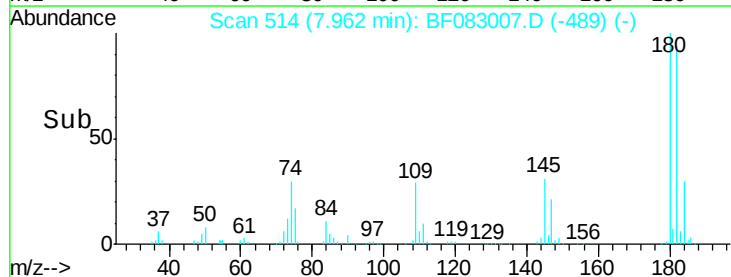
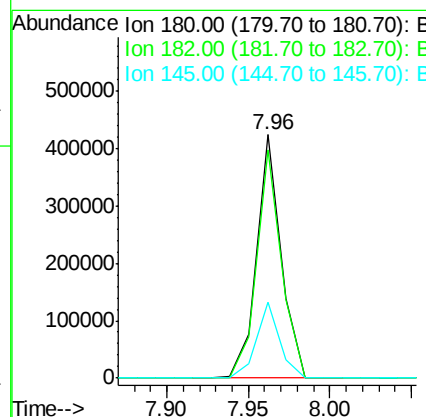
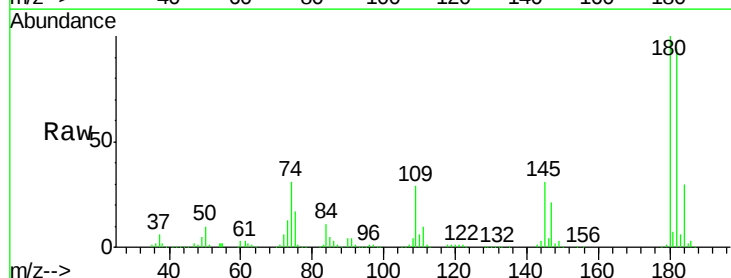
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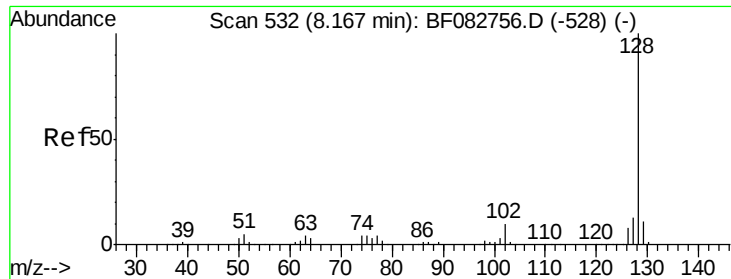
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#30
1,2,4-Trichlorobenzene
Concen: 36.74 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	440627		
182	93.7	74.9	112.3	
145	31.4	27.8	41.8	





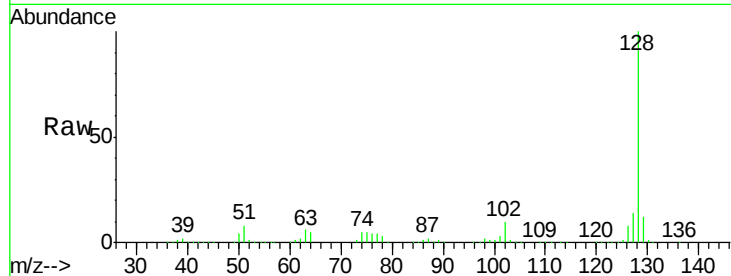
#31
Naphthalene
Concen: 37.17 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

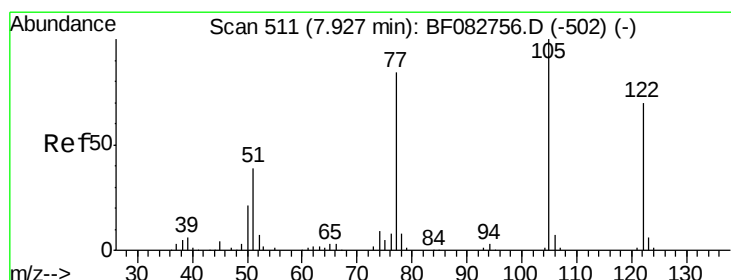
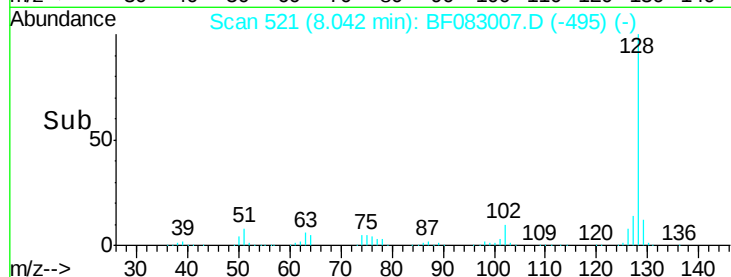
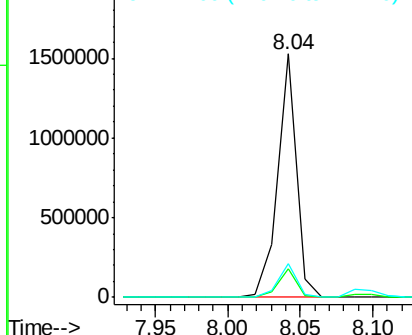
Tot Ion:128 Resp: 1372564
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.8 11.4 17.0

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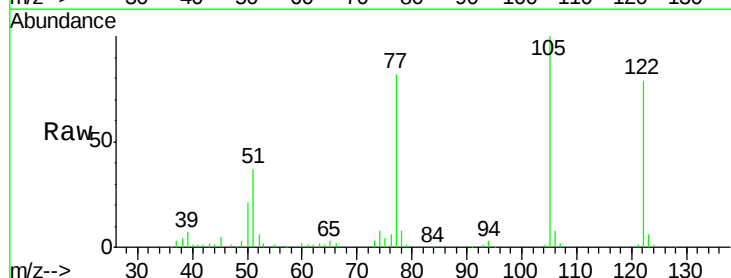


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

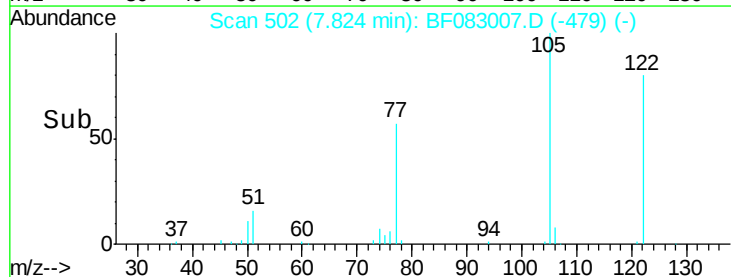
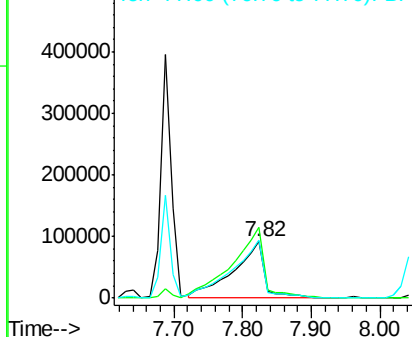


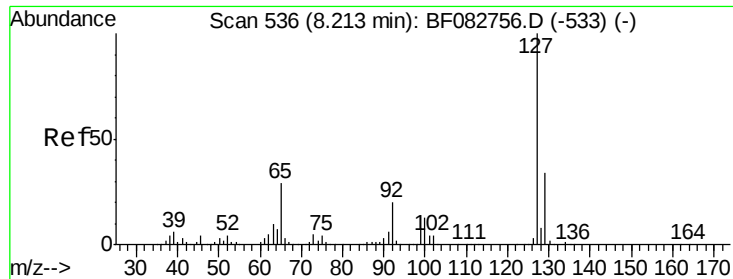
#32
Benzoic acid
Concen: 35.62 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:122 Resp: 287765
Ion Ratio Lower Upper
122 100
105 125.8 122.6 162.6
77 103.2 100.9 140.9



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





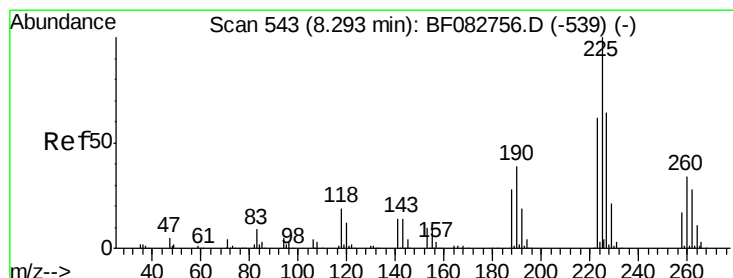
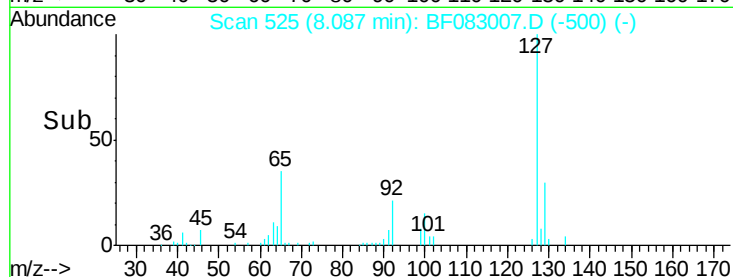
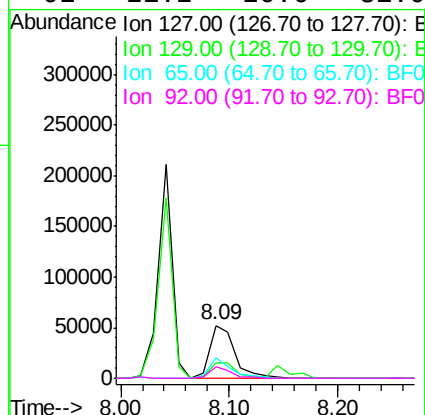
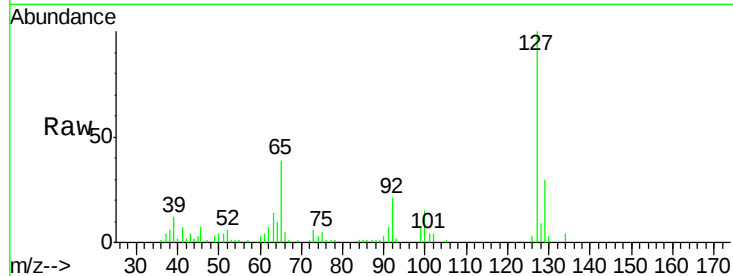
#33
4-Chloroaniline
Concen: 5.33 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion:	127	Resp:	84785
Ion Ratio	Lower	Upper	
127	100		
129	29.9	26.3	39.5
65	39.3	37.8	56.8
92	21.2	20.6	31.0

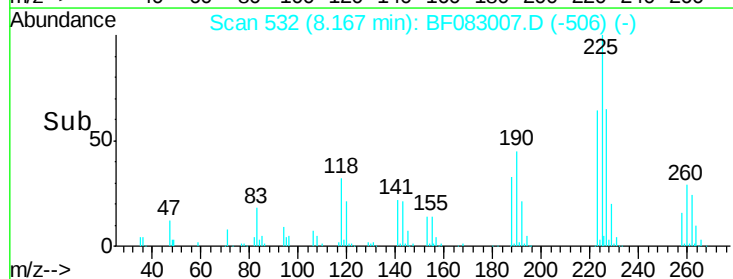
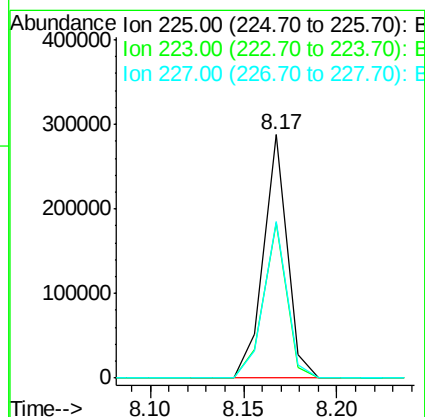
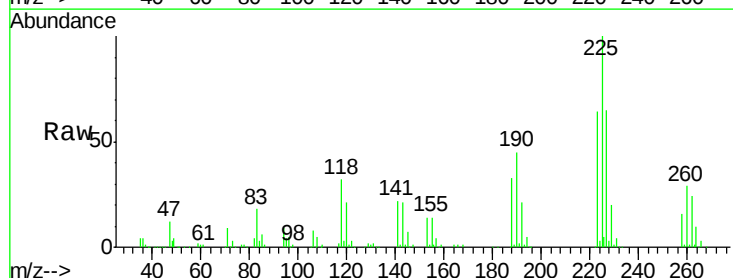
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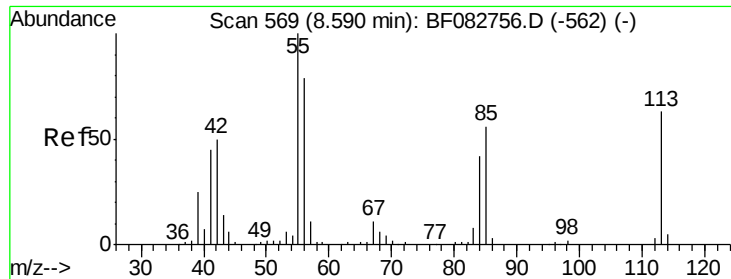
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#34
Hexachlorobutadiene
Concen: 33.66 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:	225	Resp:	252573
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.5	75.7
227	64.6	50.2	75.2





#35

Caprolactam

Concen: 41.02 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

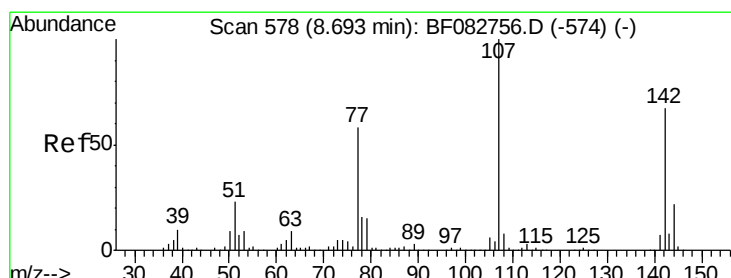
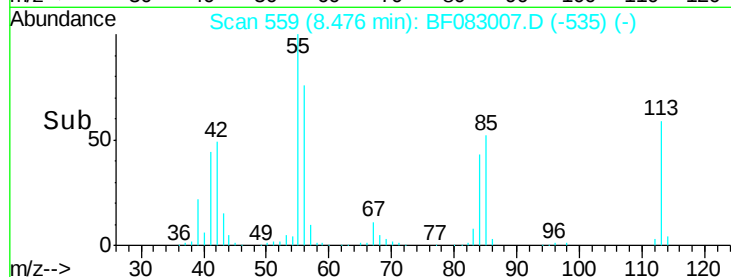
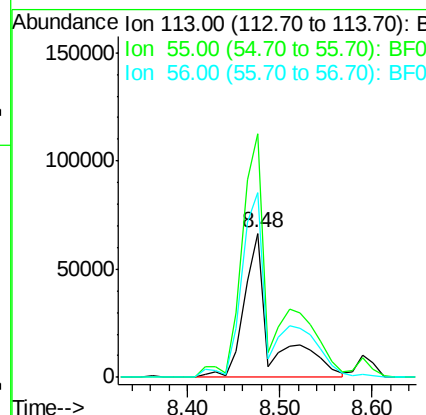
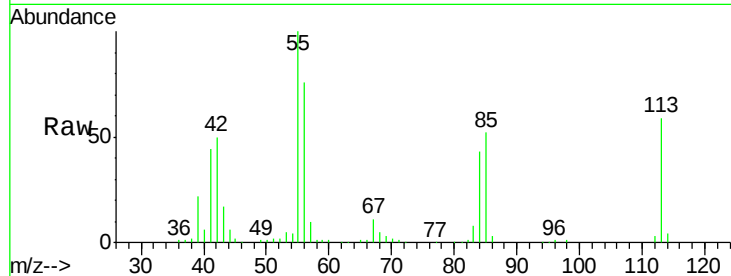
ClientSampleId :

PB86660BS

Tot Ion:	113	Resp:	137899
Ion Ratio	Lower	Upper	
113	100		
55	169.3	195.5	235.5#
56	128.2	153.5	193.5#

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#36

4-Chloro-3-methylphenol

Concen: 35.30 ng/ml

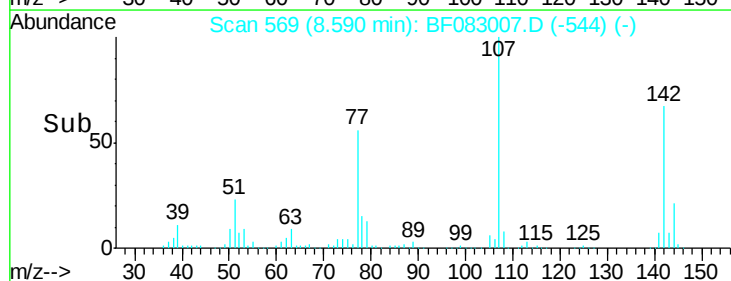
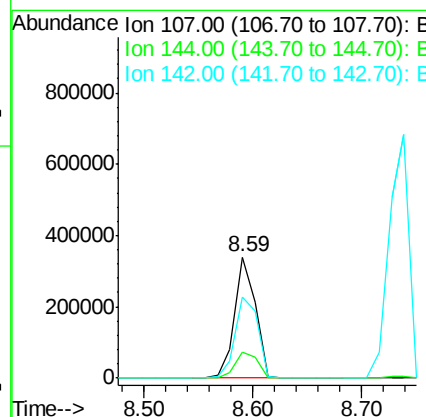
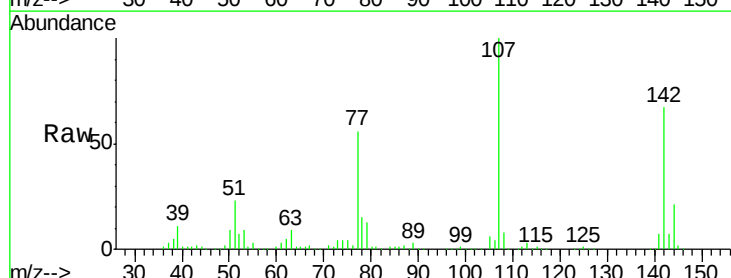
RT: 8.59 min Scan# 569

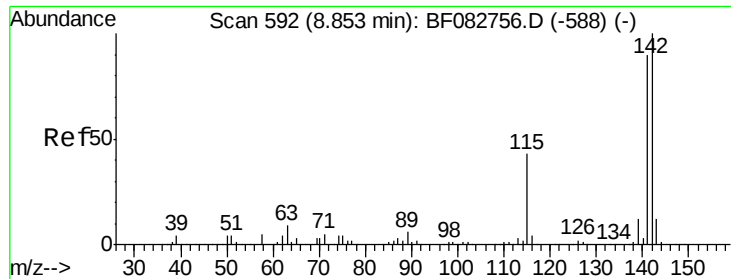
Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	107	Resp:	442695
Ion Ratio	Lower	Upper	
107	100		
144	21.3	15.4	23.0
142	67.3	47.8	71.8





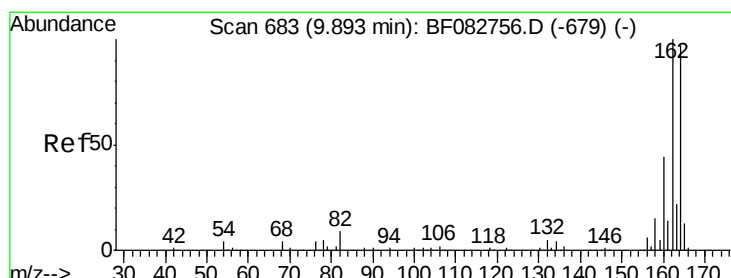
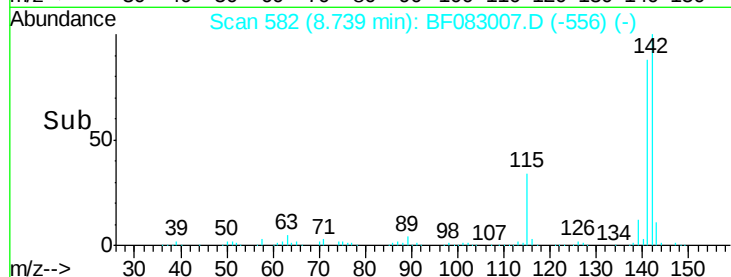
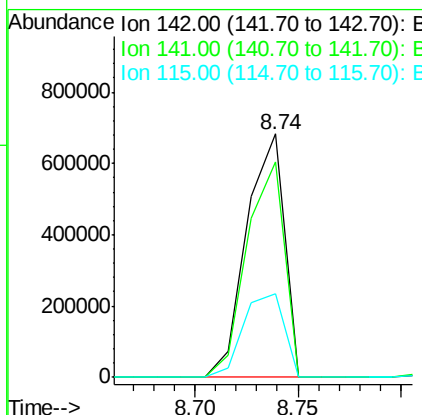
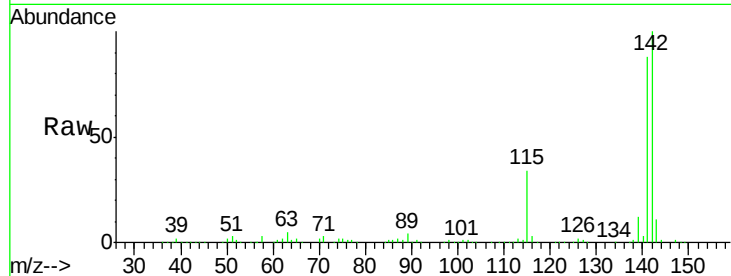
#37
2-Methylnaphthalene
Concen: 36.33 ng/ml
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	34.2	38.1	57.1

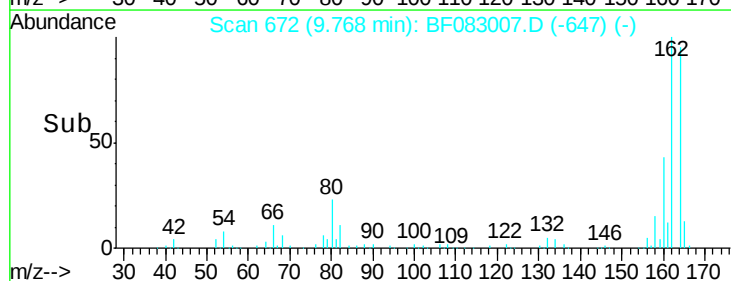
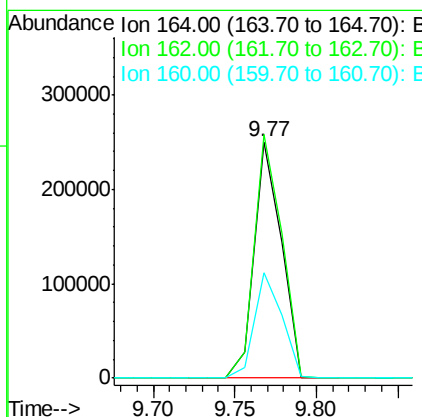
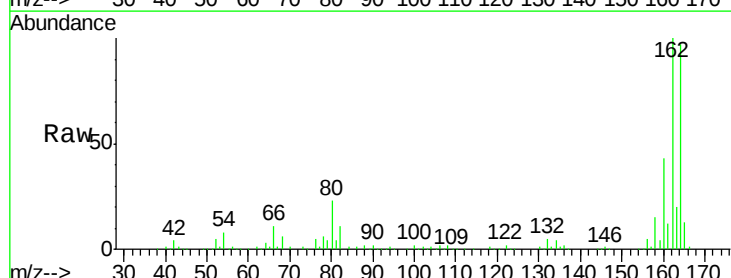
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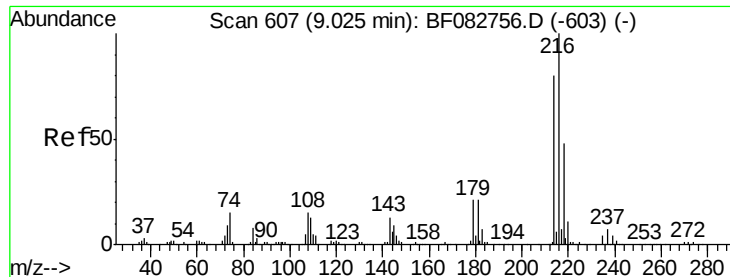
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.9	127.3
160	44.5	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.85 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

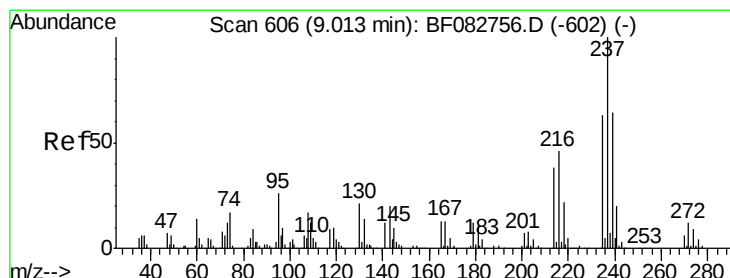
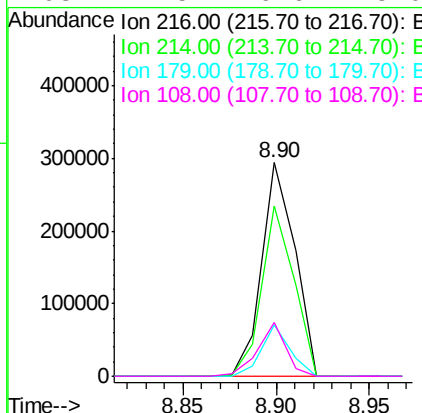
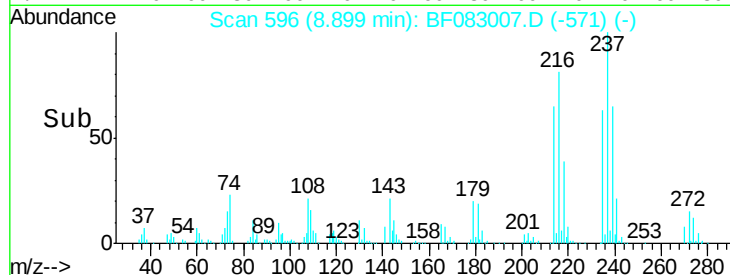
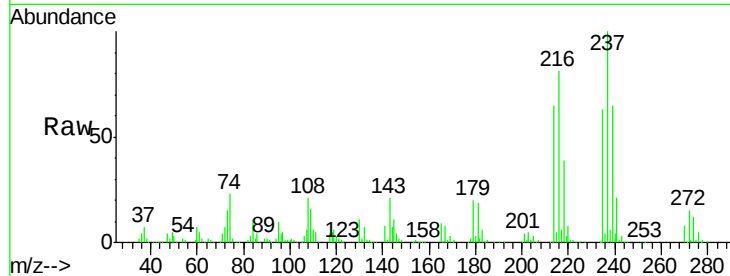
ClientSampleId :

PB86660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		360671		
214	77.3		62.2	93.2	
179	21.2		18.1	27.1	
108	21.5		16.6	25.0	

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#40

Hexachlorocyclopentadiene

Concen: 86.09 ng

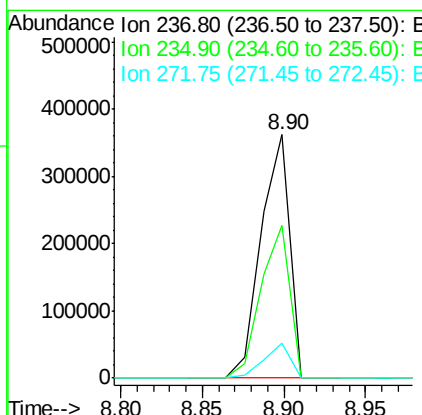
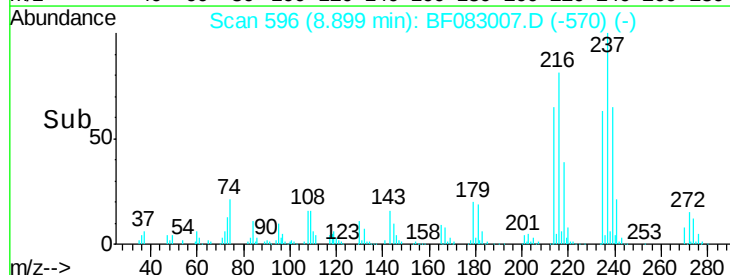
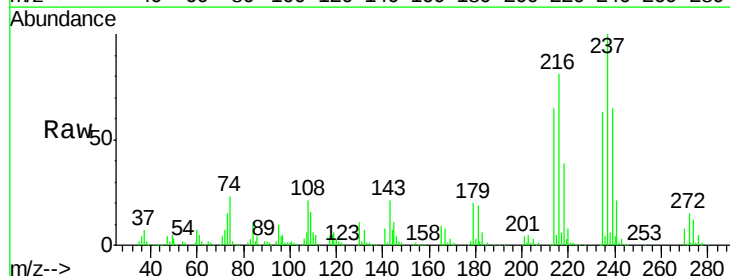
RT: 8.90 min Scan# 596

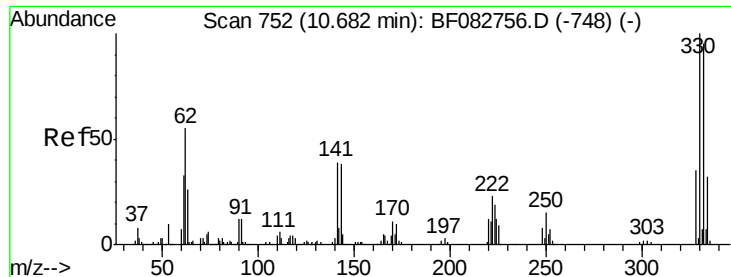
Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		440740		
235	62.6		44.3	84.3	
272	14.6		0.0	31.9	





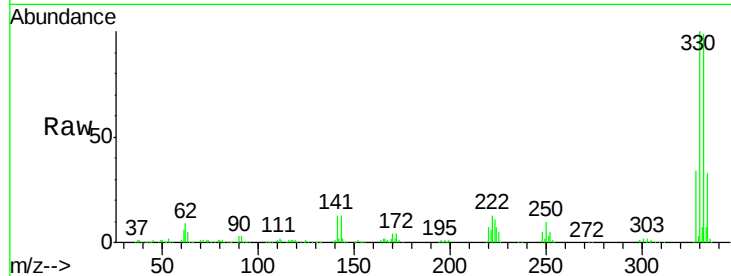
#41
 2,4,6-Tribromophenol
 Concen: 128.70 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	427906		
332	97.2	76.6	114.8	
141	31.5	41.2	61.8	

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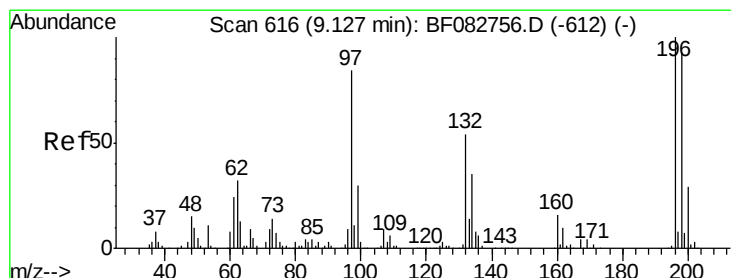
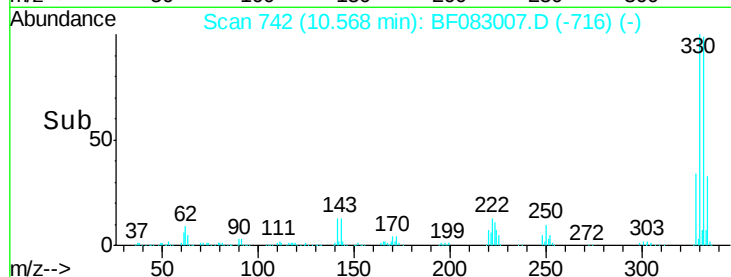
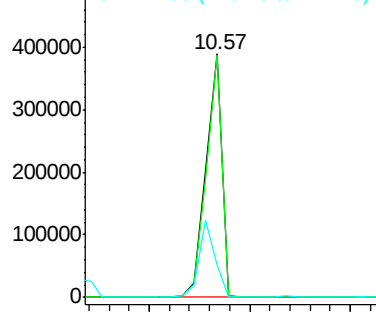


Abundance

Ion 329.80 (329.50 to 330.50): E

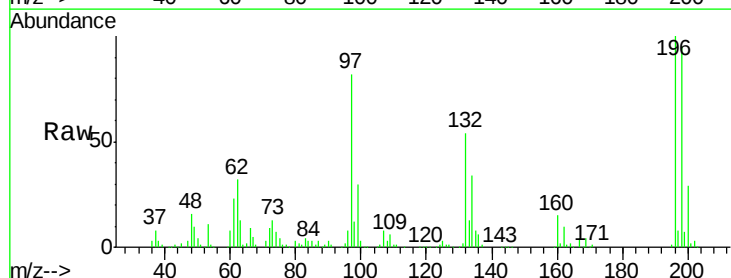
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285886		
198	94.8	76.3	114.5	
200	29.1	23.9	35.9	

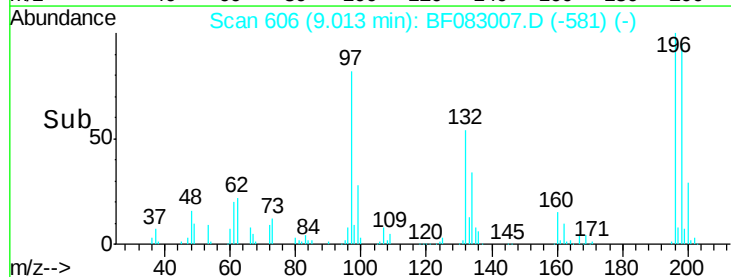
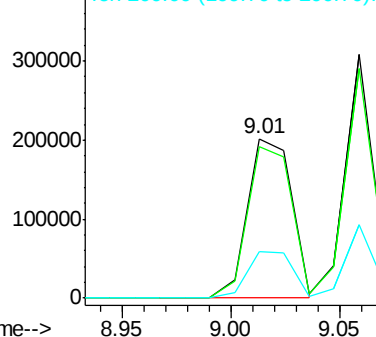


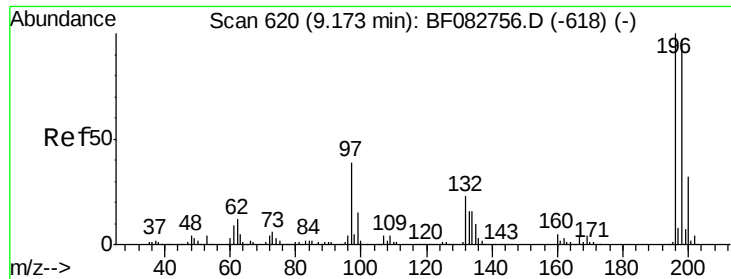
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





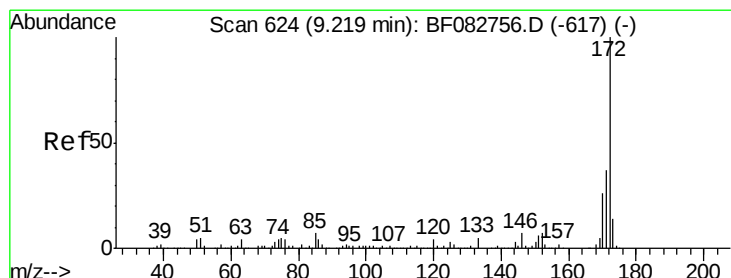
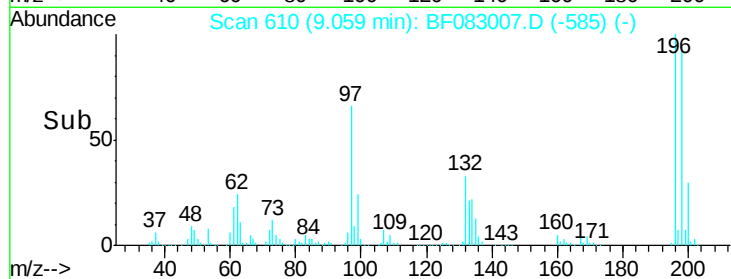
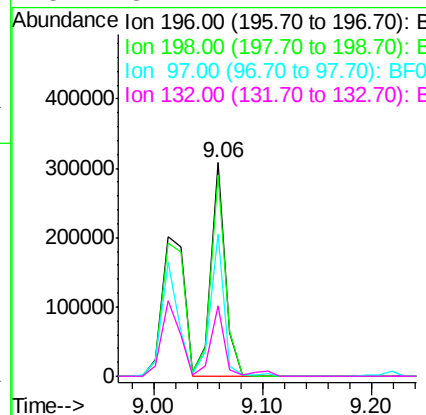
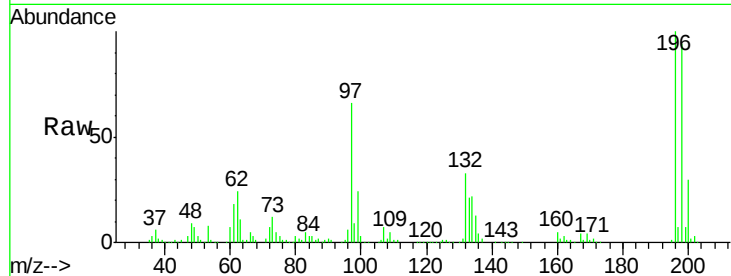
#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		286511		
198	94.3	75.8	113.8		
97	66.4	62.3	93.5		
132	32.7	27.4	41.2		

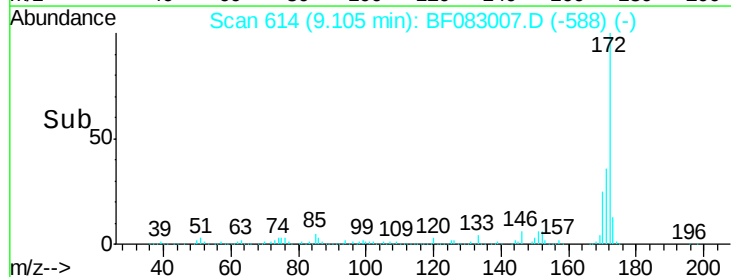
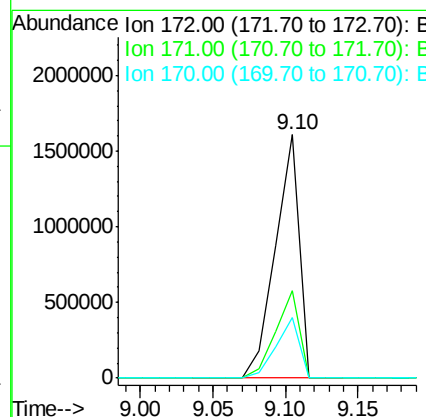
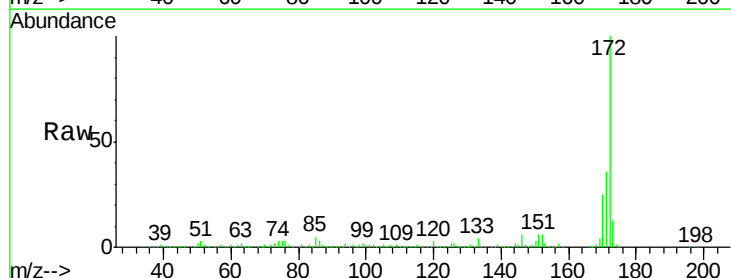
Manual Integrations
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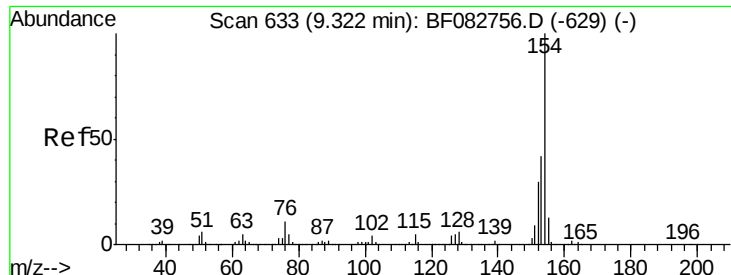
Mmdadoda
 11/19/2015 6:44:08 PM



#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1832945		
171	36.0	30.8	46.2		
170	25.1	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 37.97 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

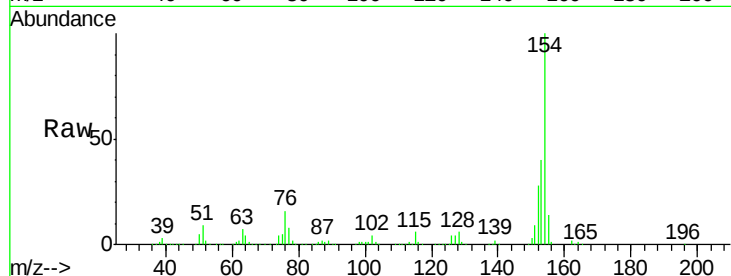
ClientSampleId :

PB86660BS

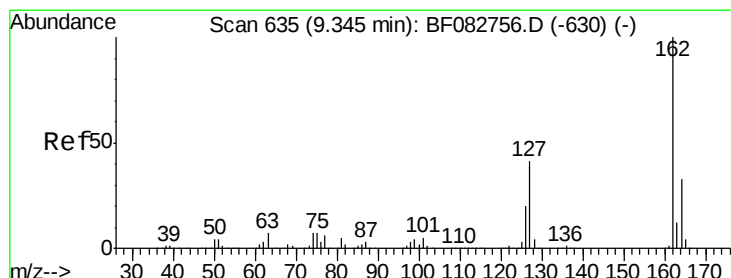
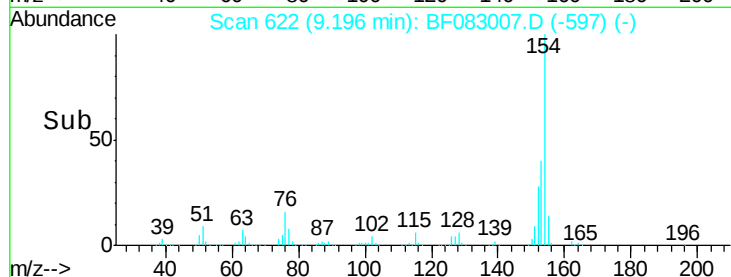
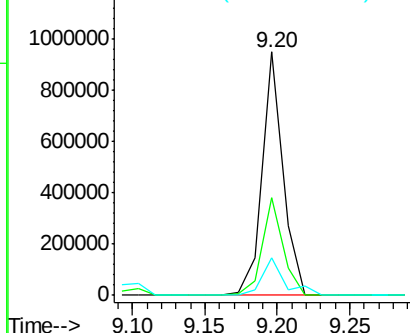
Tot Ion:	154	Resp:	944889
Ion Ratio	Lower	Upper	
154	100		
153	40.2	22.0	62.0
76	15.7	0.0	29.0

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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: 40.10 ng

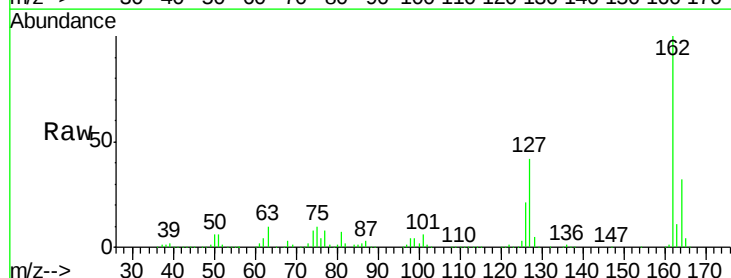
RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

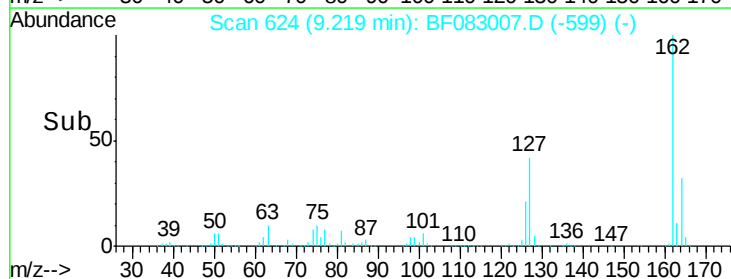
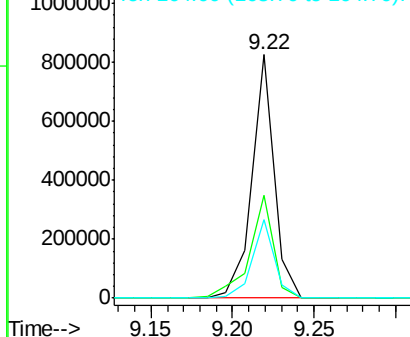
Lab File: BF083007.D

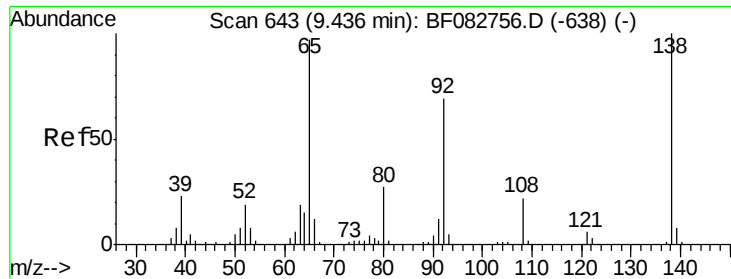
Acq: 18 Nov 2015 13:40

Tgt Ion:	162	Resp:	778387
Ion Ratio	Lower	Upper	
162	100		
127	42.4	32.7	49.1
164	32.3	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





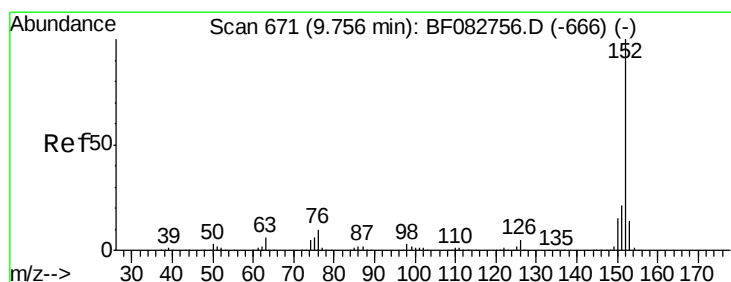
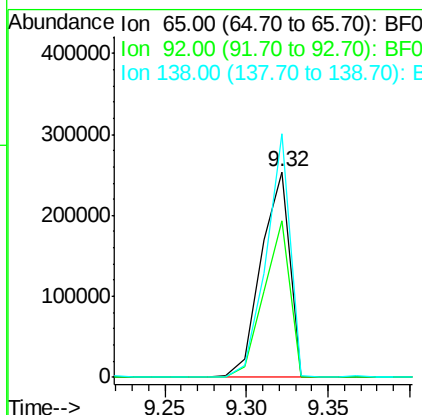
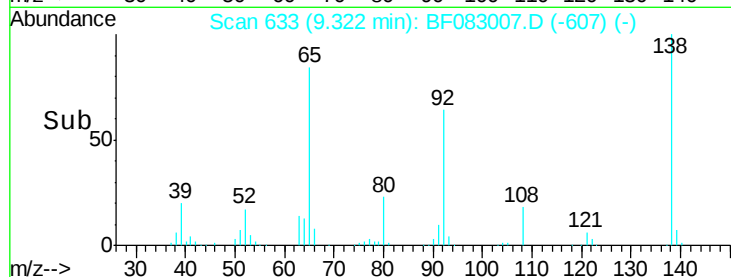
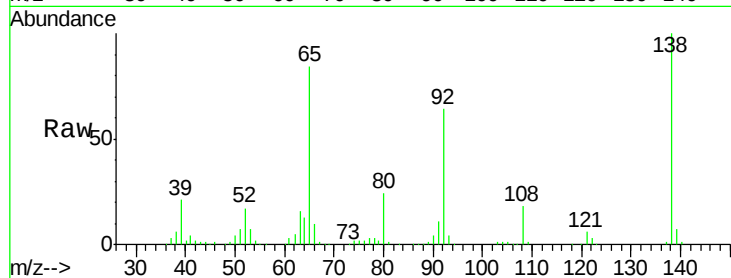
#47
2-Nitroaniline
Concen: 42.75 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	307784		
92	76.3	46.6	70.0#	
138	118.4	54.6	81.8#	

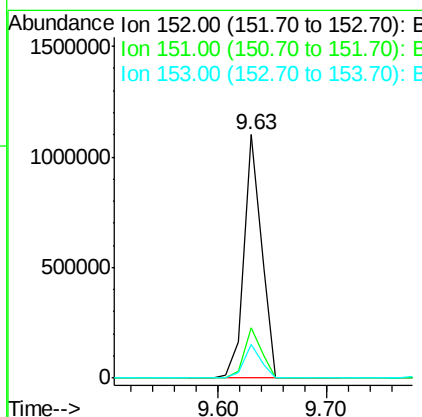
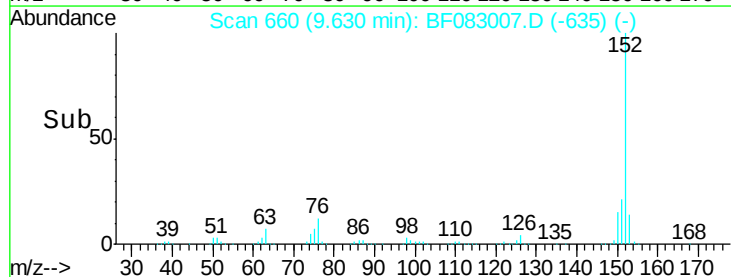
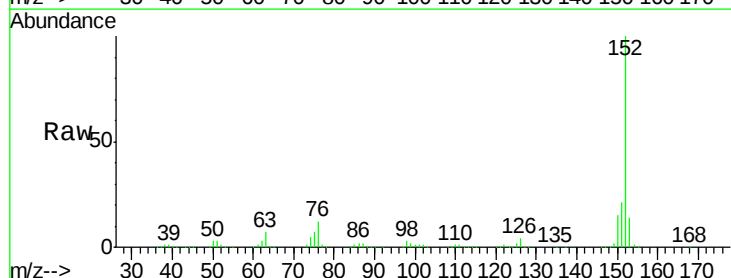
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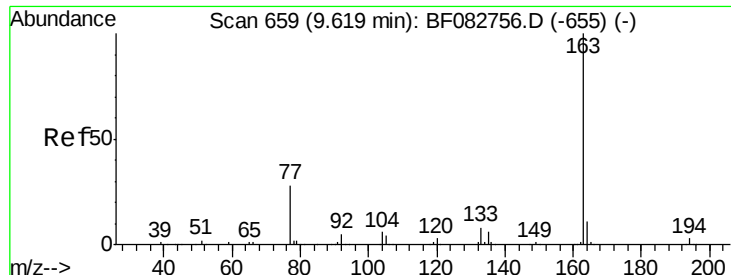
Mmdadoda
11/19/2015 6:44:08 PM



#48
Acenaphthylene
Concen: 40.14 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1220932		
151	20.5	17.3	25.9	
153	13.8	11.3	16.9	





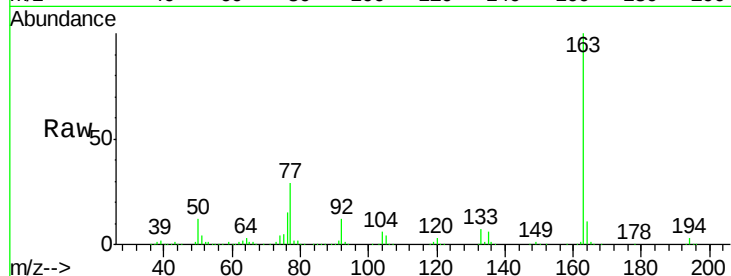
#49
Dimethylphthalate
Concen: 37.56 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

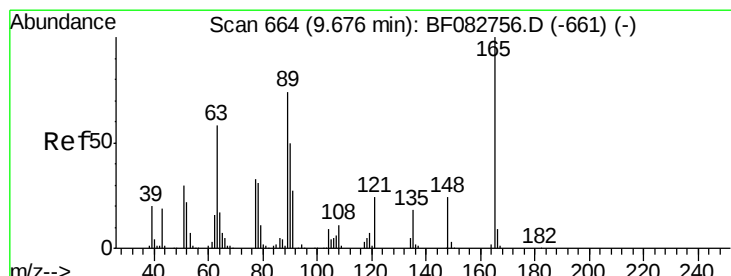
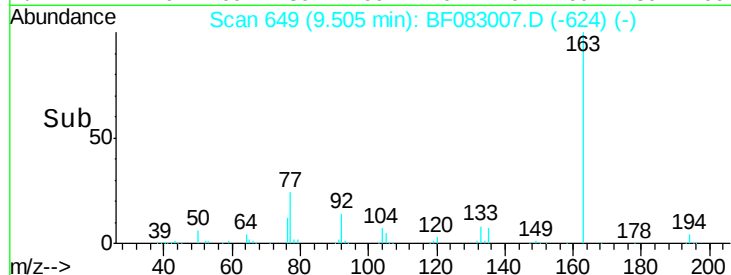
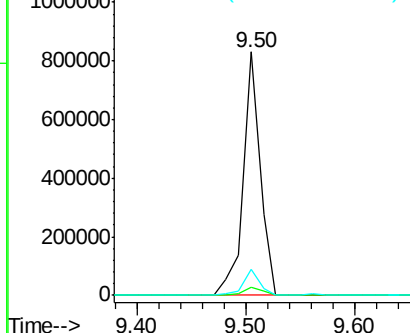
Tot Ion	Ratio	Resp	Lower	Upper
163	100	892259		
194	3.3	2.6	4.0	
164	10.9	8.7	13.1	

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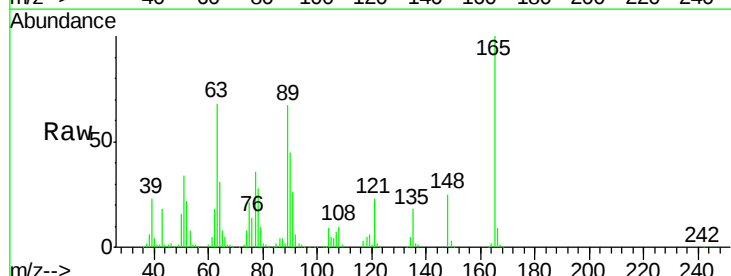


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

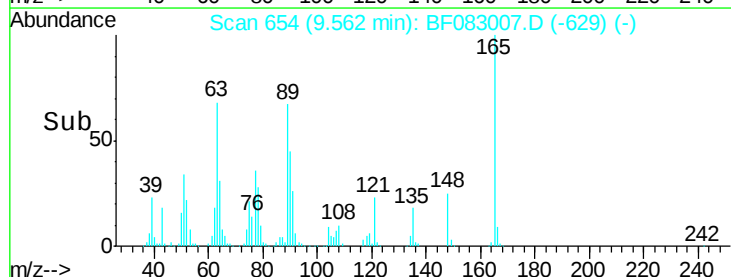
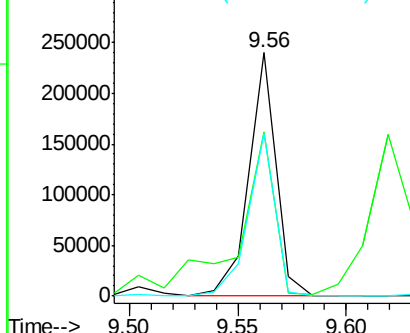


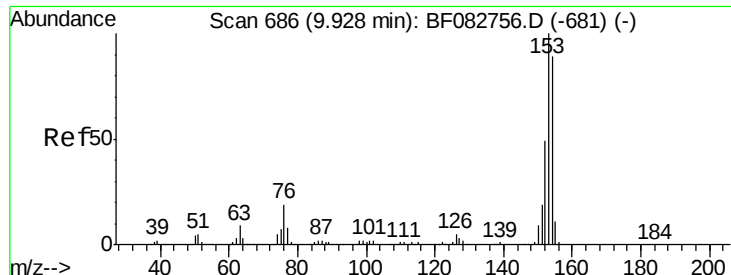
#50
2,6-Dinitrotoluene
Concen: 41.14 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208549		
63	67.7	55.5	83.3	
89	67.1	55.0	82.6	



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





#51

Acenaphthene

Concen: 44.83 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

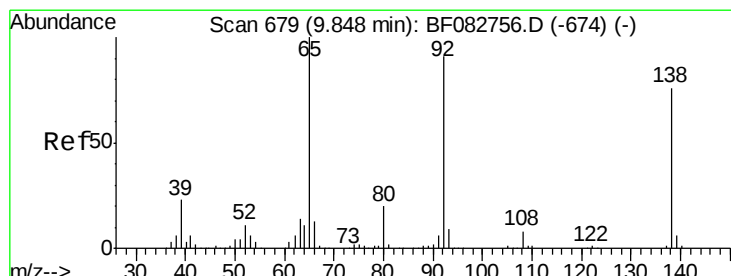
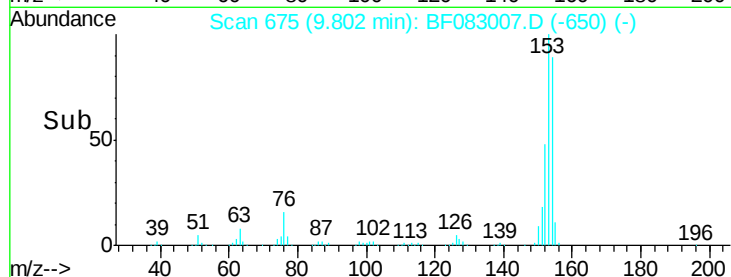
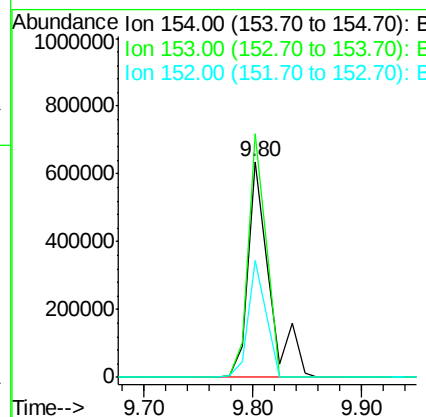
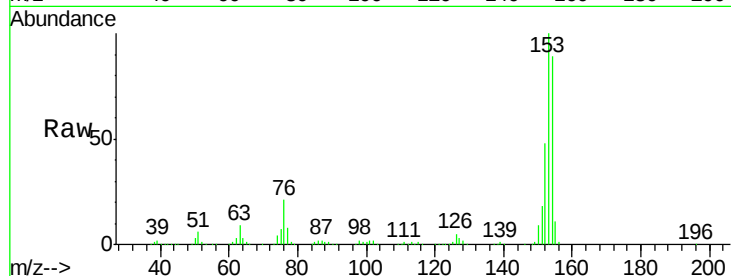
ClientSampleId :

PB86660BS

Tot Ion:	154	Resp:	864241
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.1	135.1
152	54.1	44.3	66.5

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#52

3-Nitroaniline

Concen: 7.28 ng

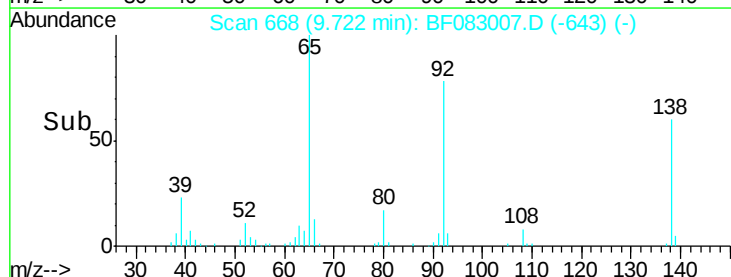
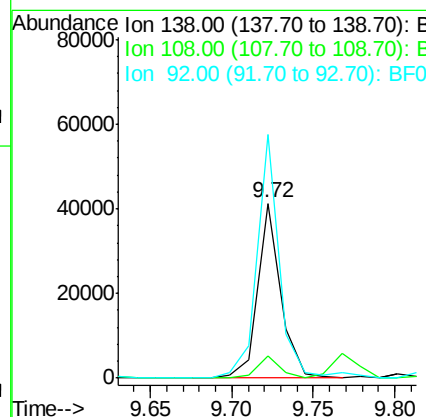
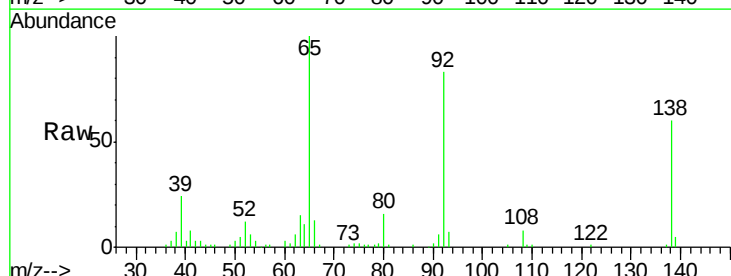
RT: 9.72 min Scan# 668

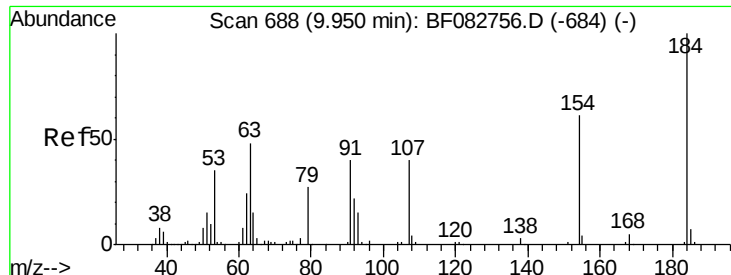
Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:	138	Resp:	40609
Ion Ratio	Lower	Upper	
138	100		
108	12.8	11.3	16.9
92	139.4	122.4	183.6





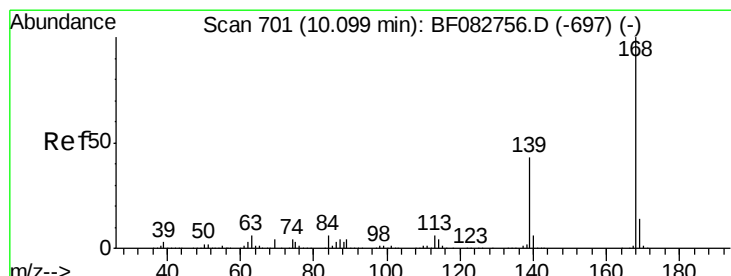
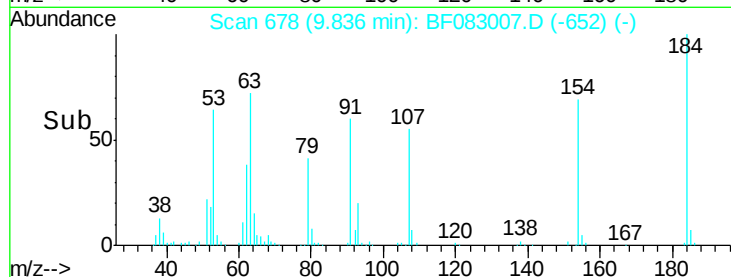
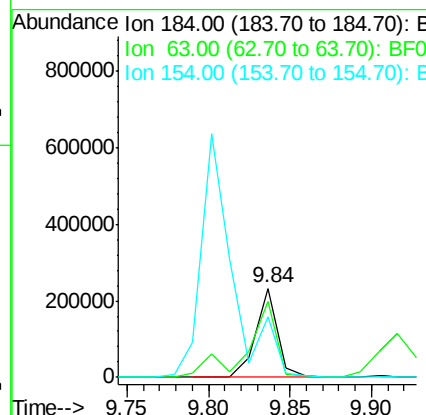
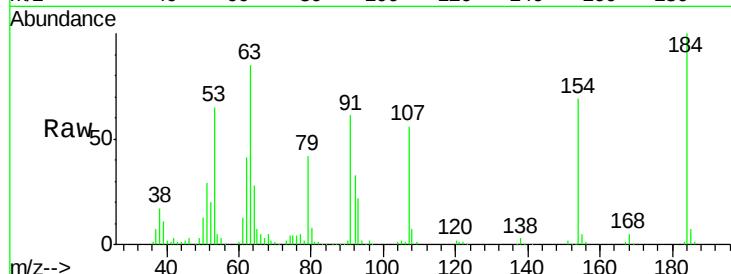
#53
2,4-Dinitrophenol
Concen: 78.12 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	217424		
63	85.1	98.6	148.0#	
154	68.6	183.9	275.9#	

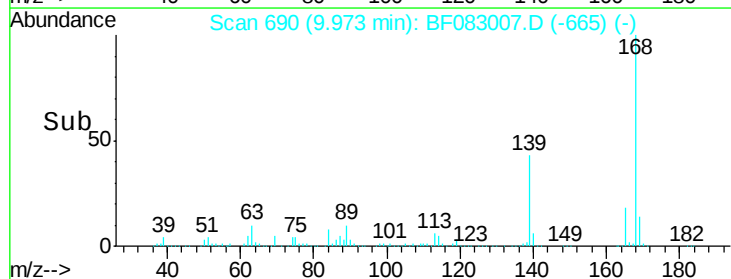
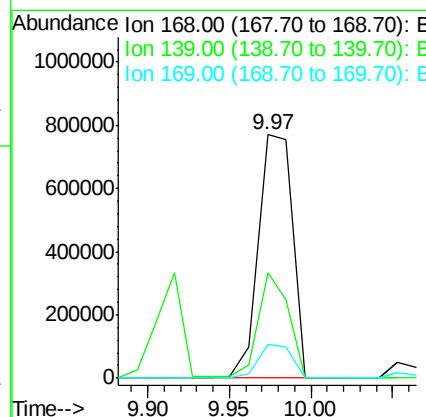
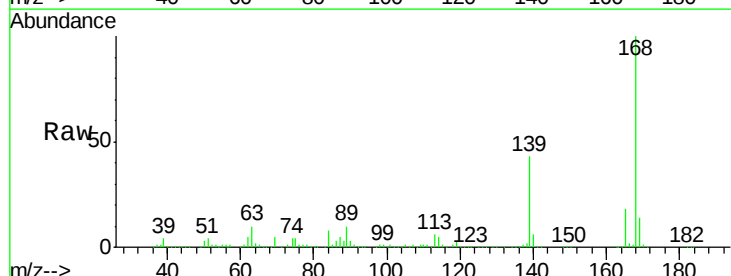
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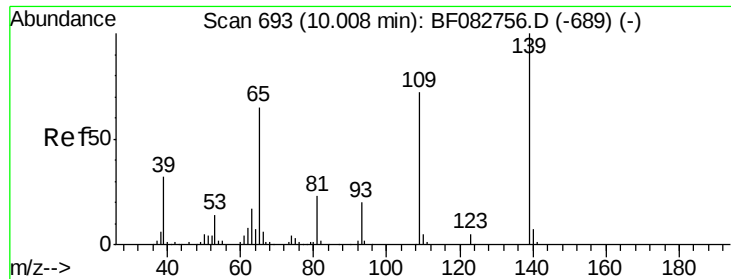
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#54
Dibenzofuran
Concen: 43.06 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1119173		
139	43.0	37.8	56.6	
169	14.0	11.3	16.9	





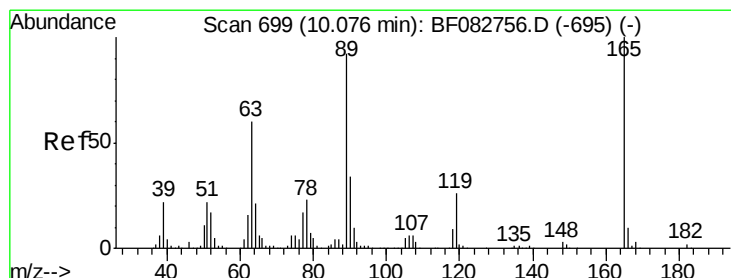
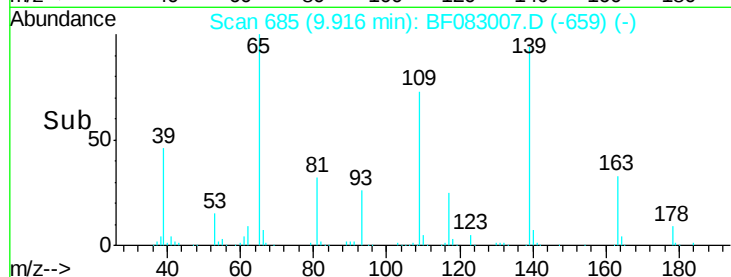
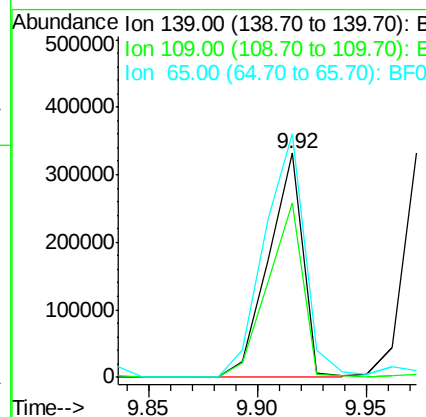
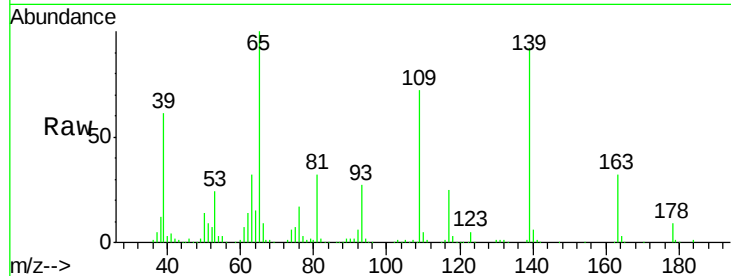
#55
4-Nitrophenol
Concen: 86.31 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	369162		
109	78.2	73.7	113.7	
65	108.7	82.9	122.9	

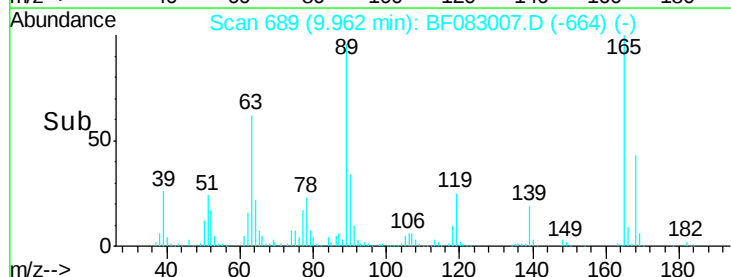
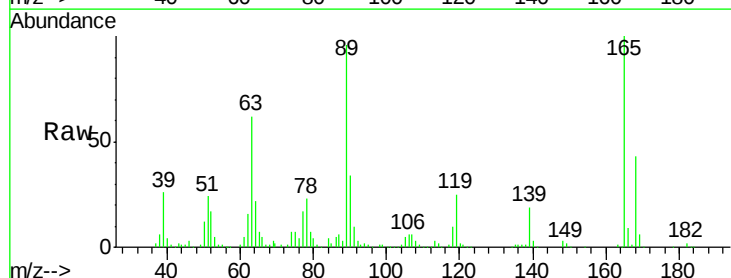
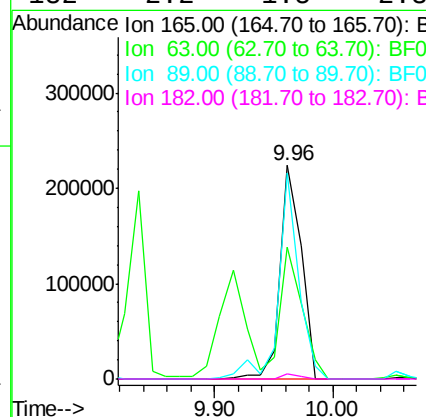
Manual Integrations
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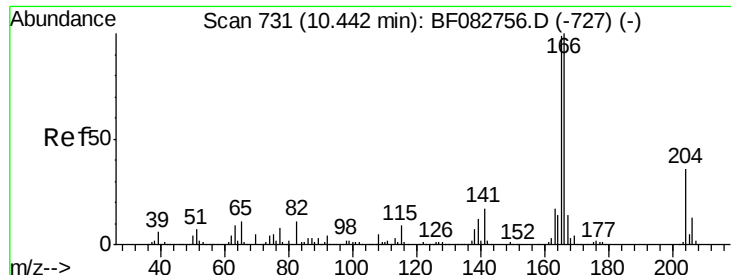
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#56
2,4-Dinitrotoluene
Concen: 40.30 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	277189		
63	62.0	43.4	65.0	
89	96.4	70.6	106.0	
182	2.2	1.5	2.3	





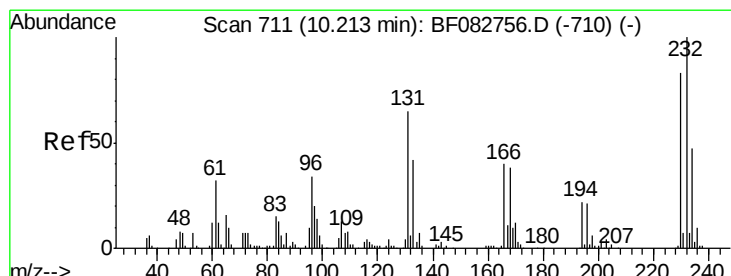
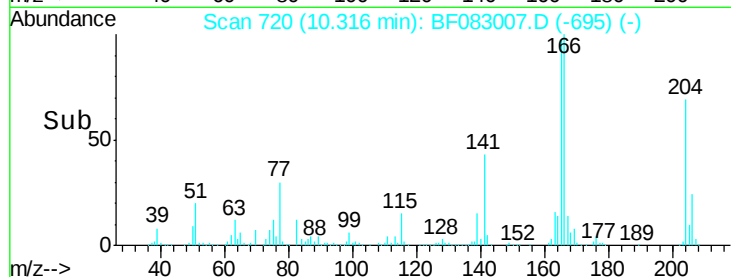
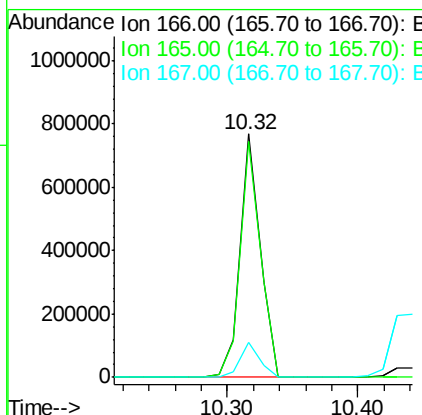
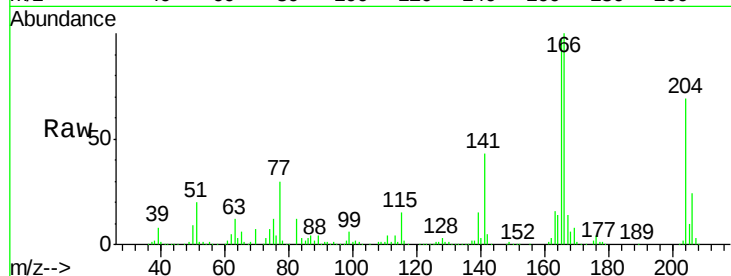
#57
Fluorene
 Concen: 39.11 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	823261		
165	97.2	80.2	120.4	
167	14.2	11.2	16.8	

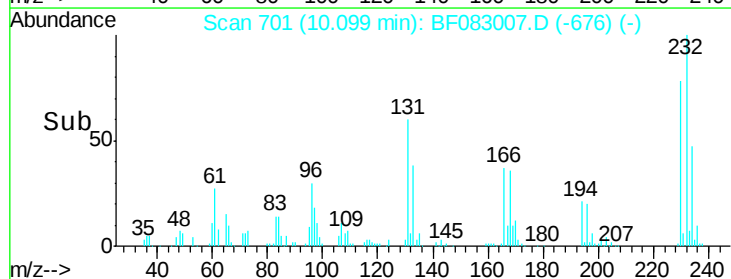
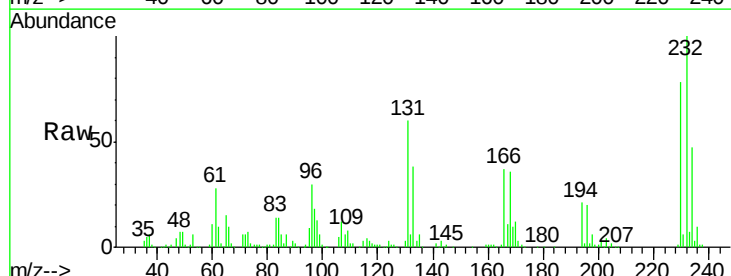
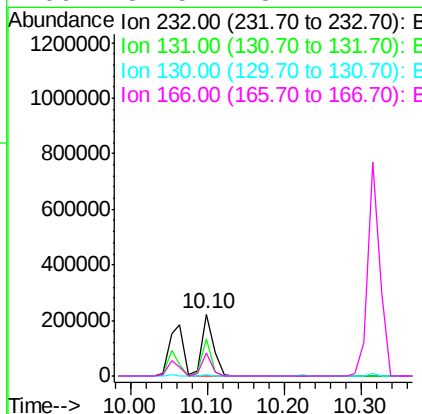
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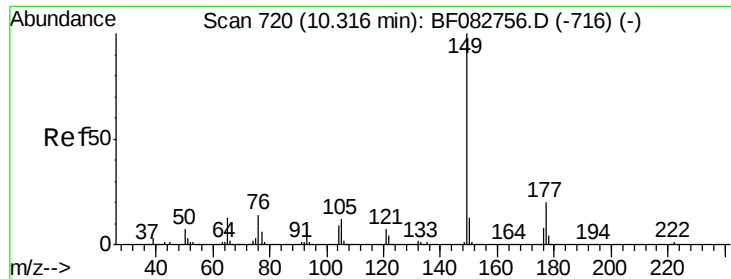
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.65 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227629		
131	49.9	46.2	69.2	
130	2.4	2.4	3.6	
166	32.5	28.2	42.2	





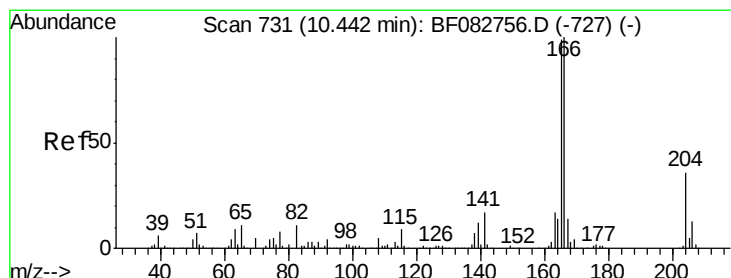
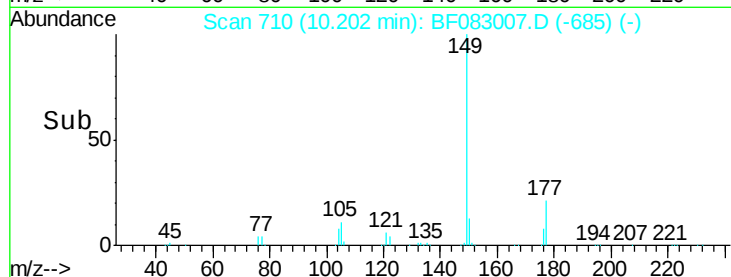
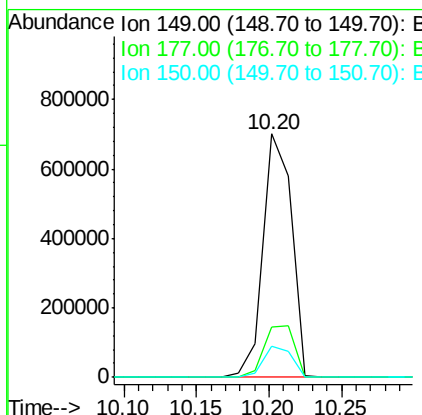
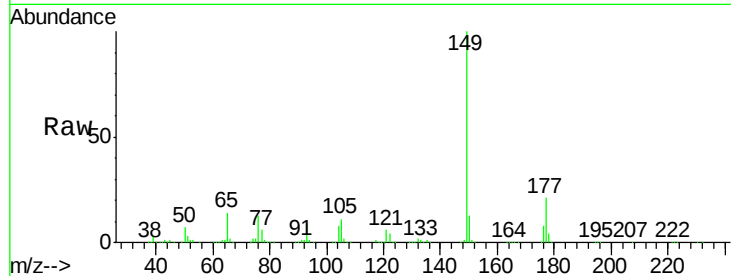
#59
Diethylphthalate
Concen: 41.26 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	957089		
177	20.6		17.9	26.9
150	13.0		10.1	15.1

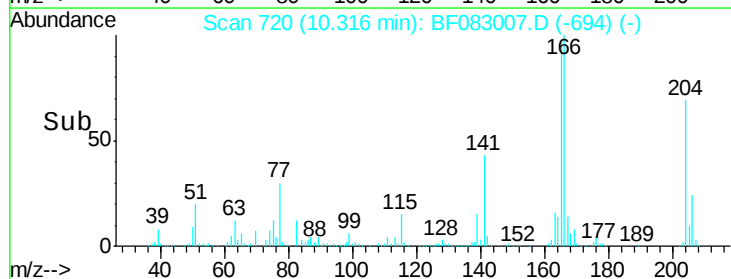
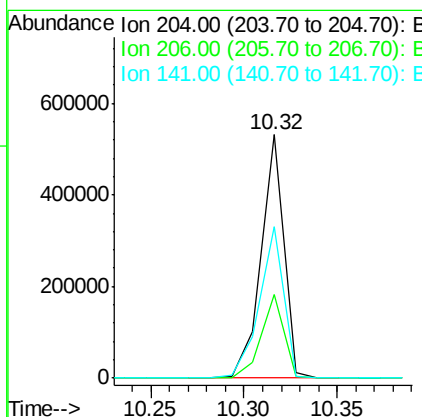
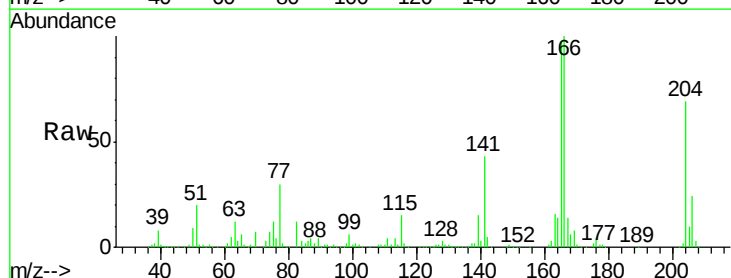
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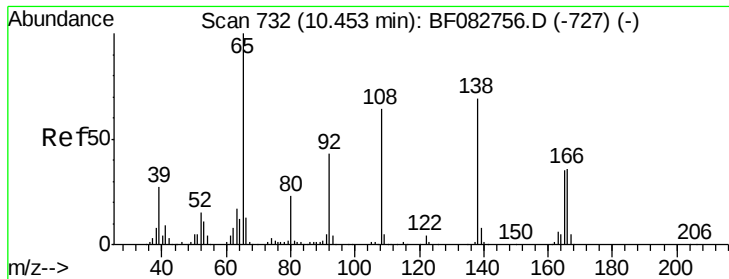
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#60
4-Chlorophenyl-phenylether
Concen: 42.41 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	446676		
206	34.5		28.5	42.7
141	62.1		44.6	66.8





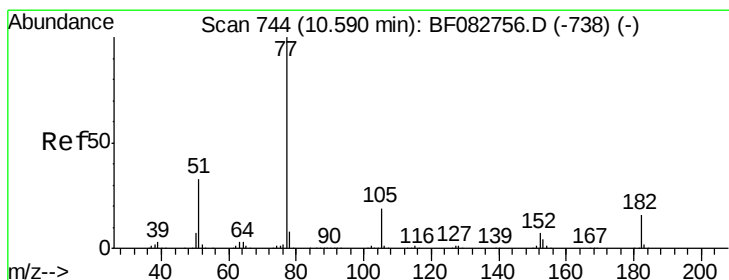
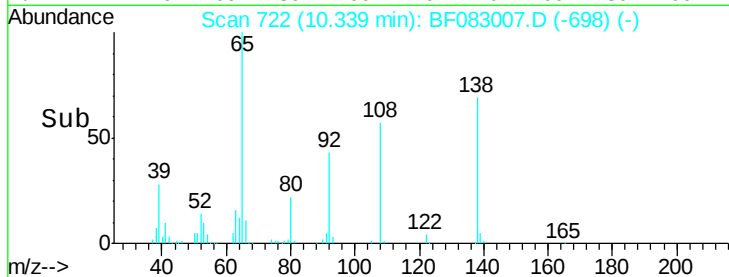
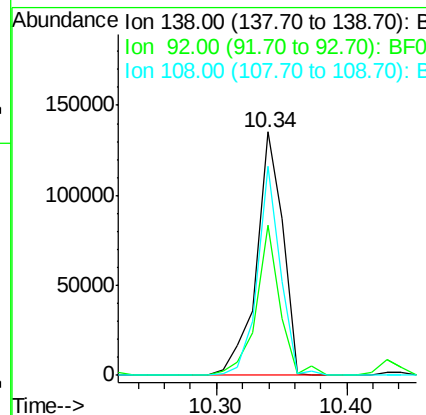
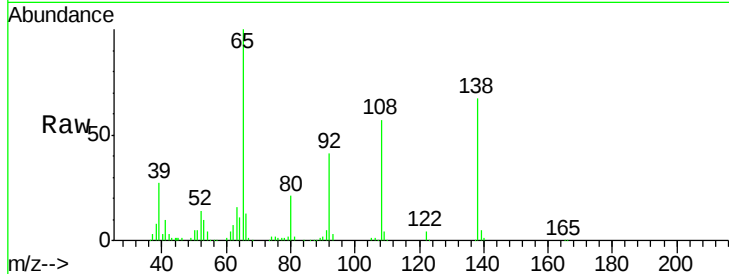
#61
4-Nitroaniline
Concen: 34.11 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	191215		
92	61.7	45.8	85.8	
108	85.8	89.4	129.4	

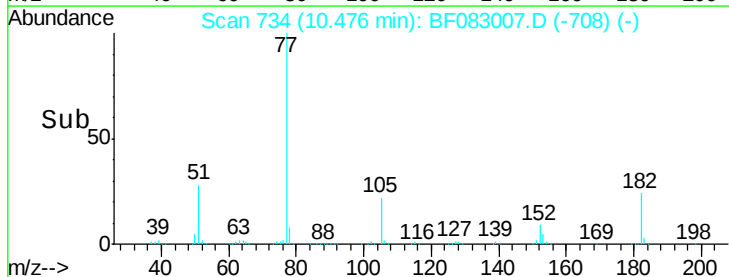
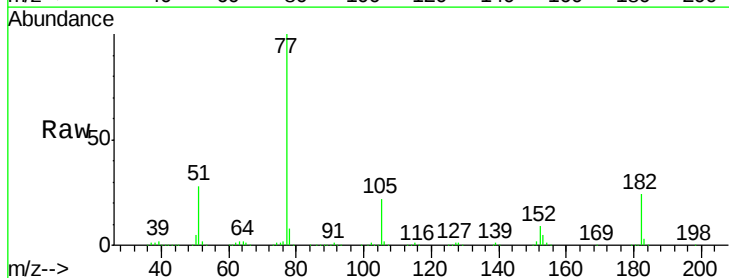
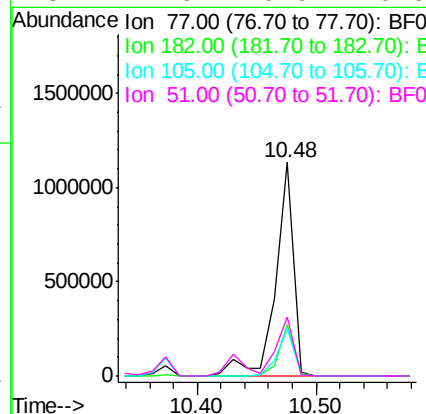
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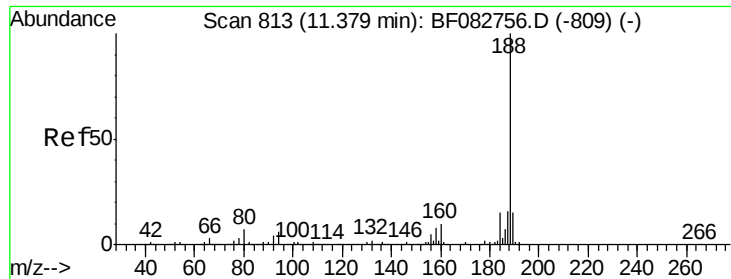
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#62
Azobenzene
Concen: 47.95 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1194849		
182	23.8	9.3	49.3	
105	22.3	2.6	42.6	
51	27.6	9.9	49.9	





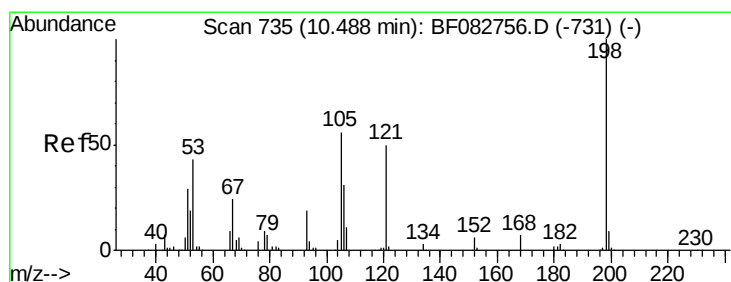
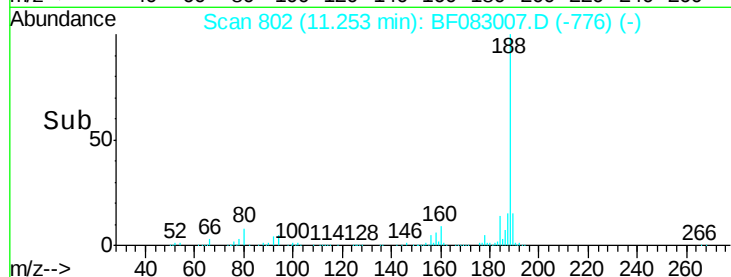
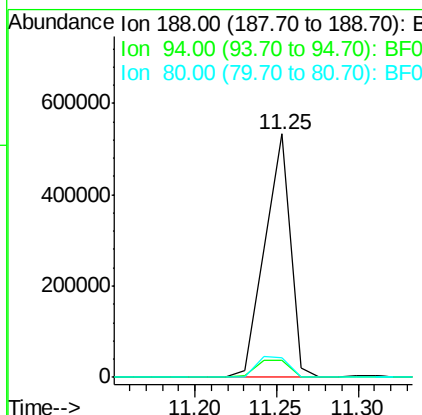
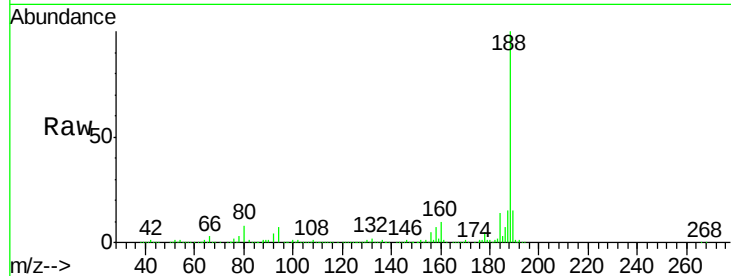
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	583138		
94	6.9	6.1	9.1	
80	7.8	7.0	10.6	

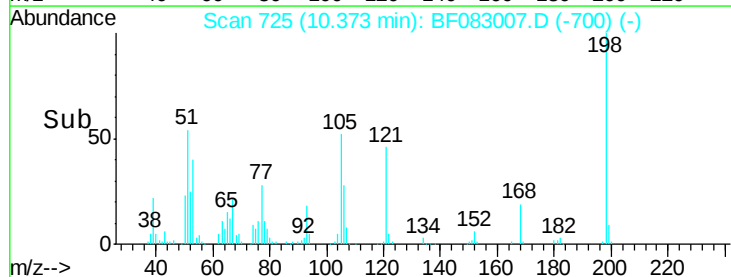
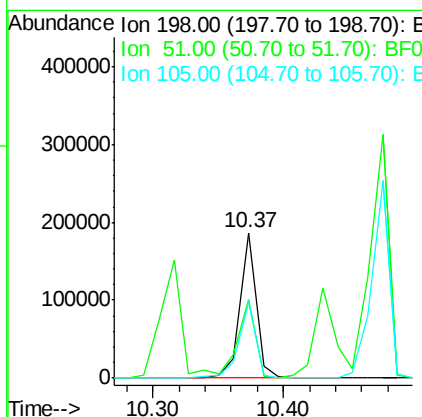
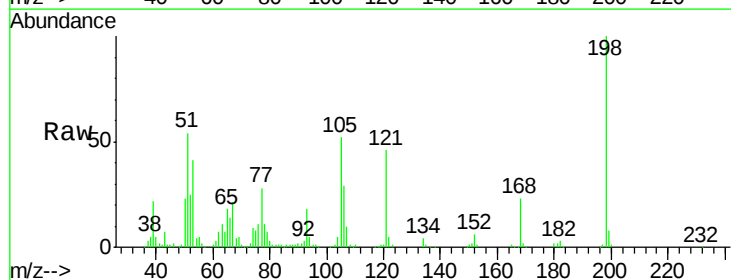
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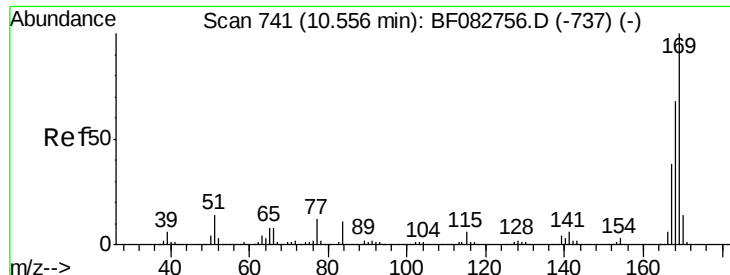
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	160060		
51	54.2	17.3	57.3	
105	52.1	21.7	61.7	





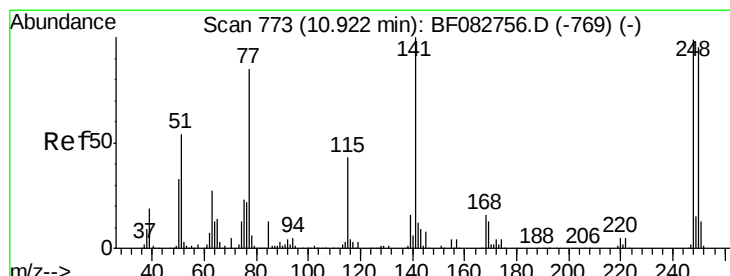
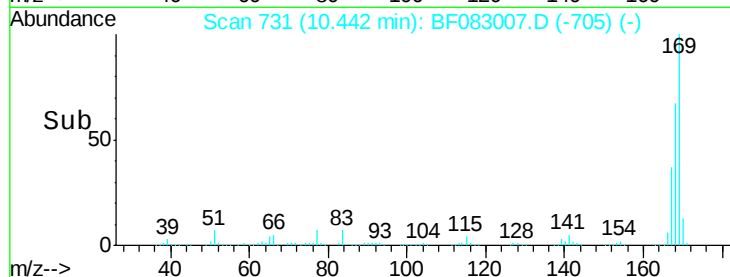
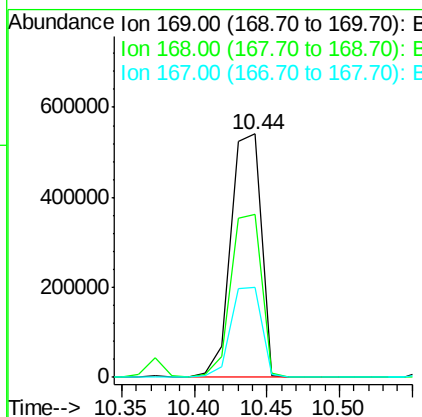
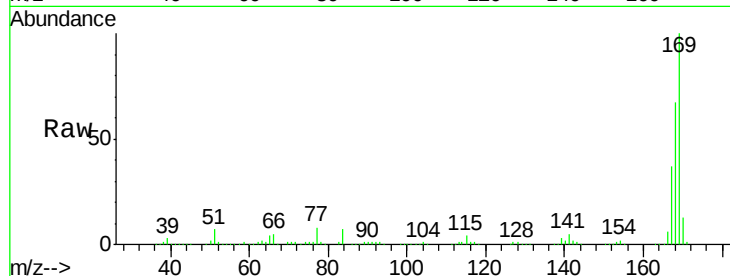
#65
n-Nitrosodiphenylamine
Concen: 37.36 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	787116		
168	67.0		55.0	82.6
167	36.8		30.5	45.7

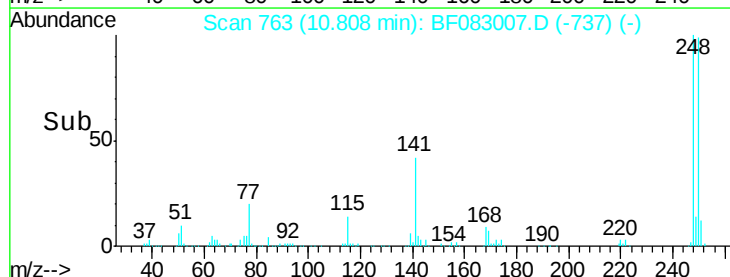
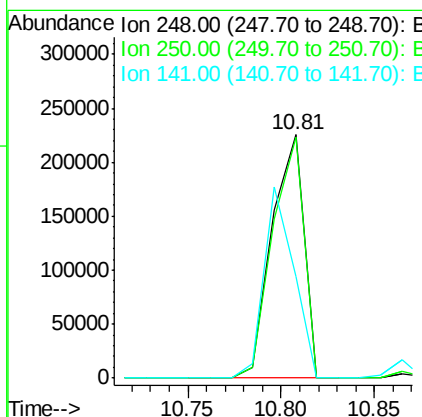
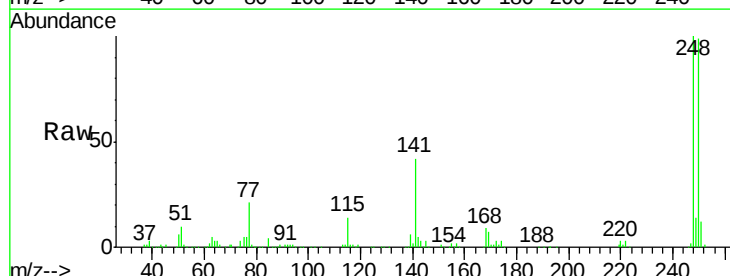
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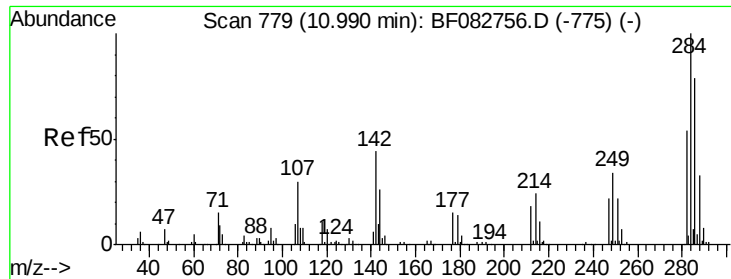
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#66
4-Bromophenyl-phenylether
Concen: 38.43 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269811		
250	99.0		79.4	119.2
141	41.8		36.3	54.5





#67

Hexachlorobenzene

Concen: 35.08 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

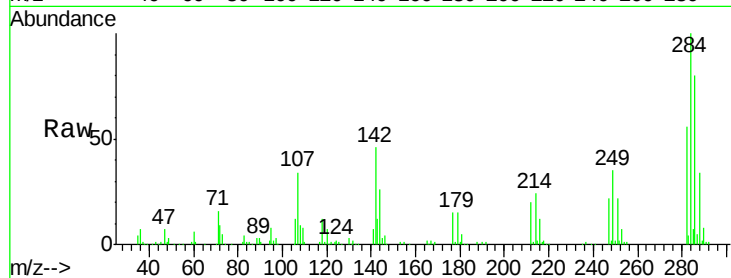
ClientSampleId :

PB86660BS

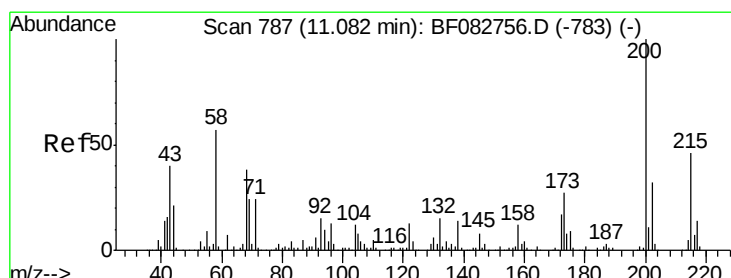
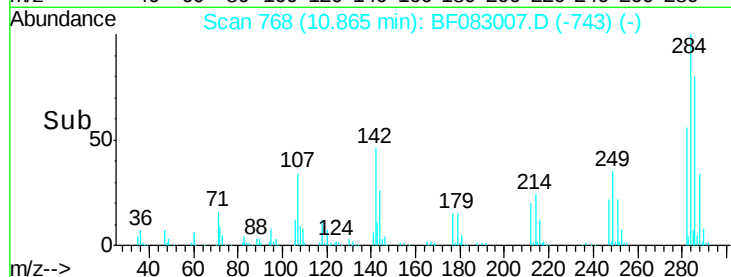
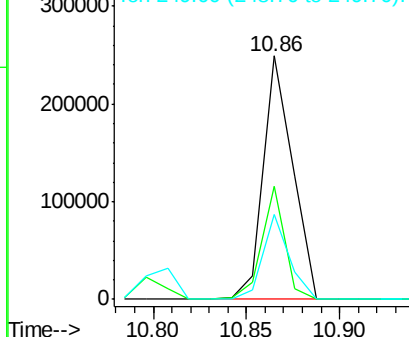
Tot Ion:	284	Resp:	275043
Ion Ratio	Lower	Upper	
284	100		
142	46.2	47.9	71.9#
249	35.0	29.7	44.5

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



#68

Atrazine

Concen: 37.91 ng

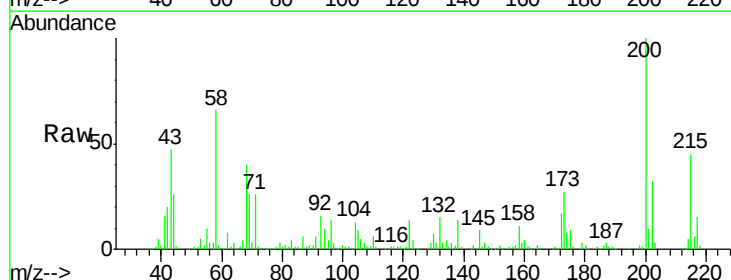
RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

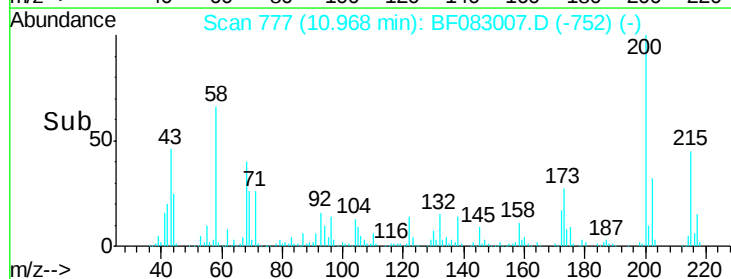
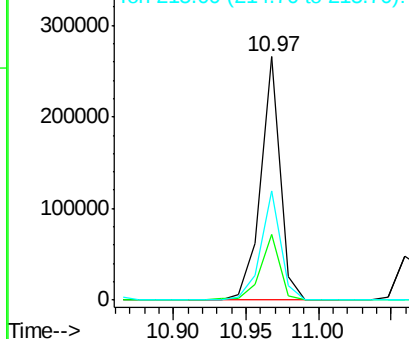
Lab File: BF083007.D

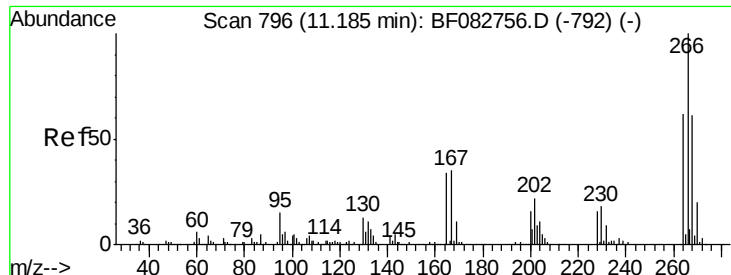
Acq: 18 Nov 2015 13:40

Tgt Ion:	200	Resp:	246967
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.9	46.9
215	45.1	22.9	62.9



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





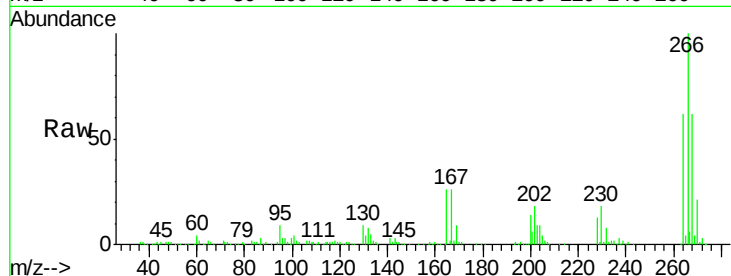
#69
 Pentachlorophenol
 Concen: 71.49 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

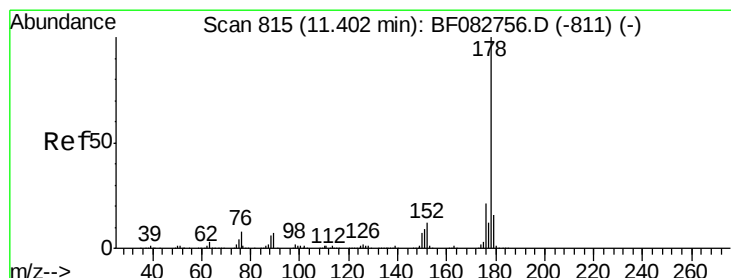
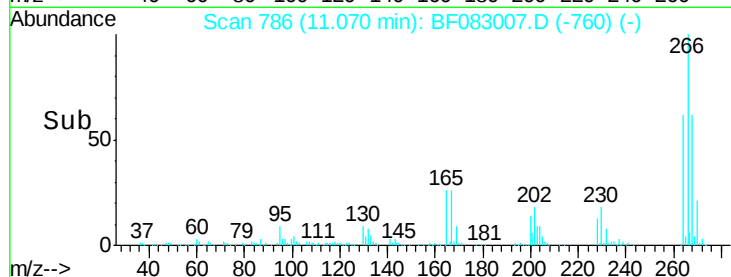
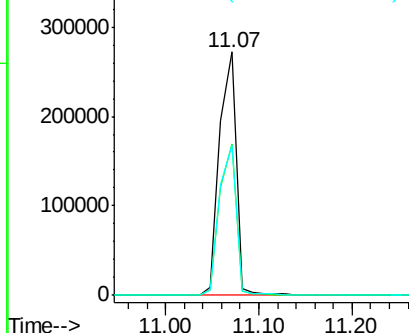
Tot Ion	Ratio	Resp	Lower	Upper
266	100	340351		
268	62.3	51.0	76.6	
264	61.7	50.6	75.8	

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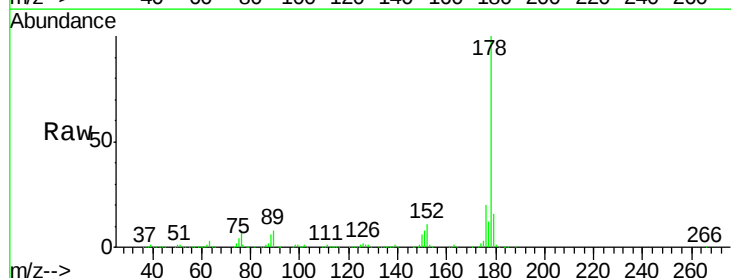


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

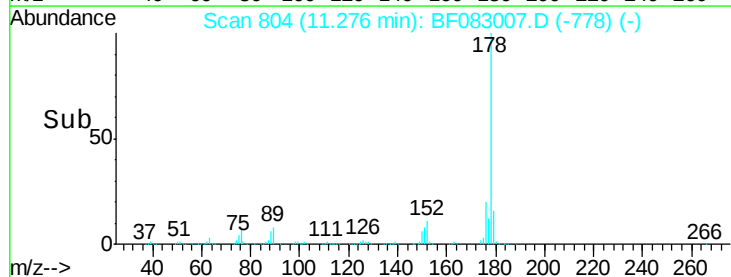
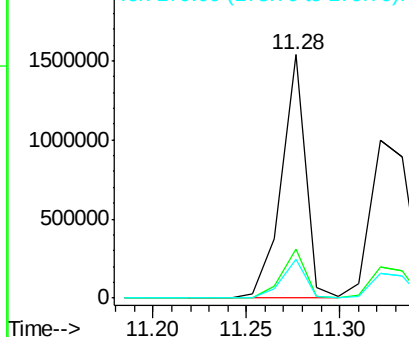


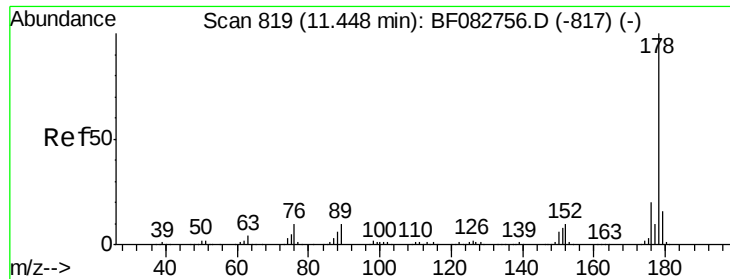
#70
 Phenanthrene
 Concen: 40.81 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1382108		
176	20.4	17.0	25.4	
179	16.1	13.4	20.0	



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





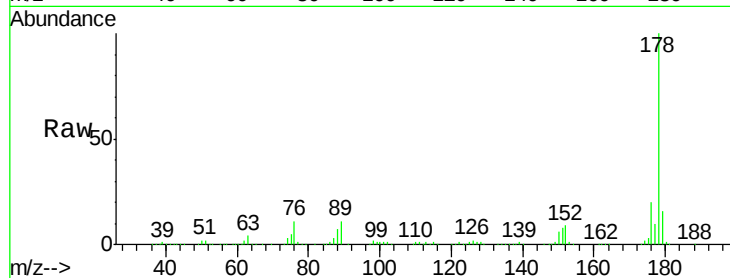
#71
 Anthracene
 Concen: 38.18 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

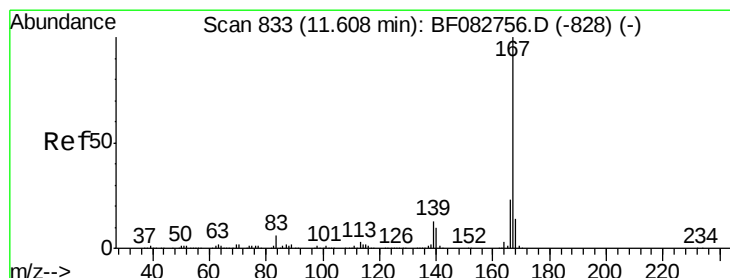
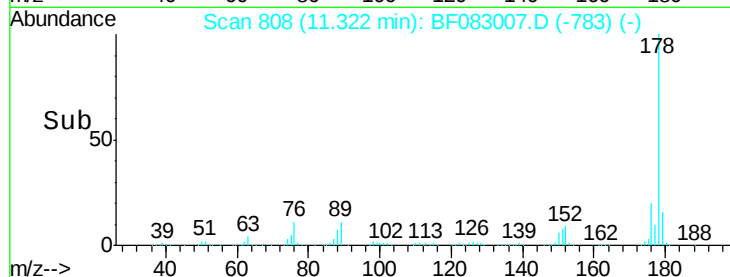
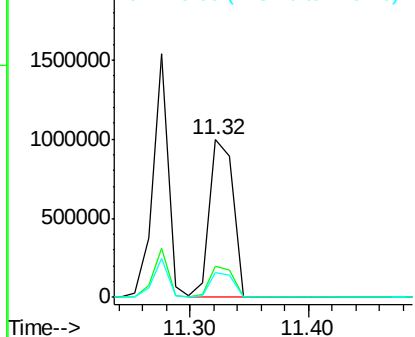
Tot Ion:178 Resp: 1361956
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.1 13.2 19.8

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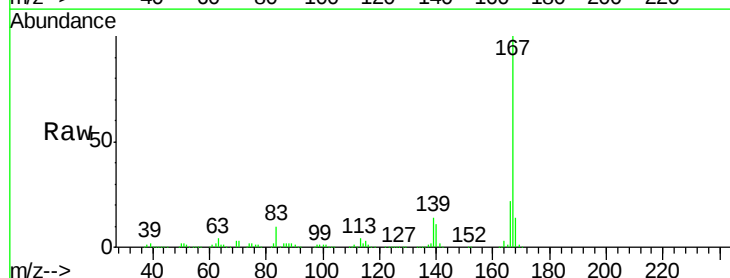


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

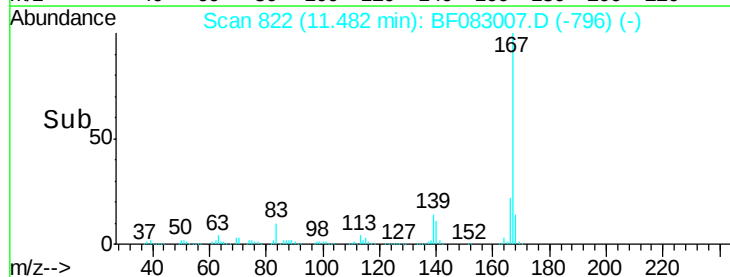
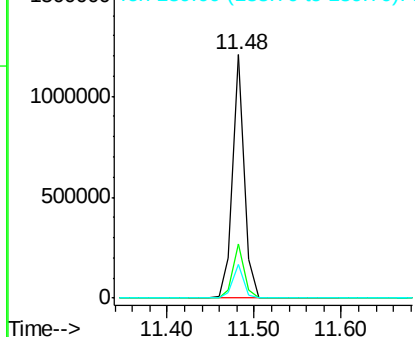


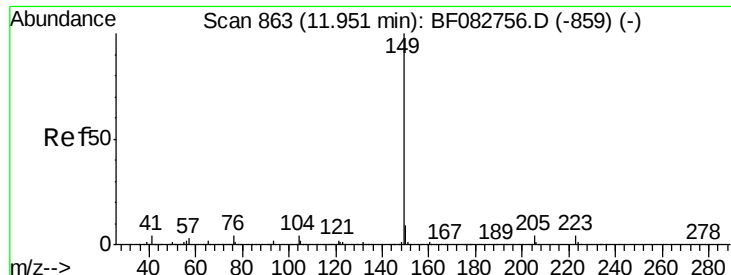
#72
 Carbazole
 Concen: 35.63 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:167 Resp: 1112678
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 14.0 11.8 17.6



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





#73

Di-n-butylphthalate

Concen: 39.72 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion:149 Resp: 1545291

Ion Ratio Lower Upper

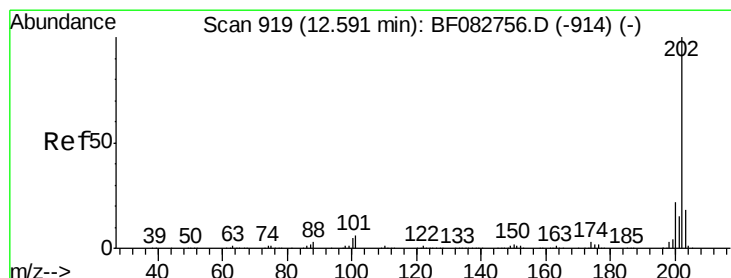
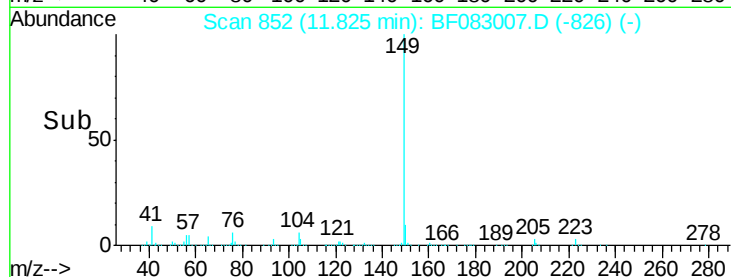
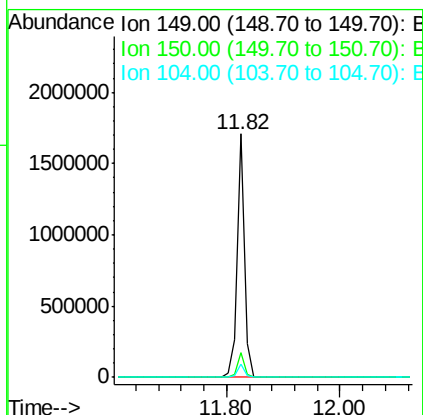
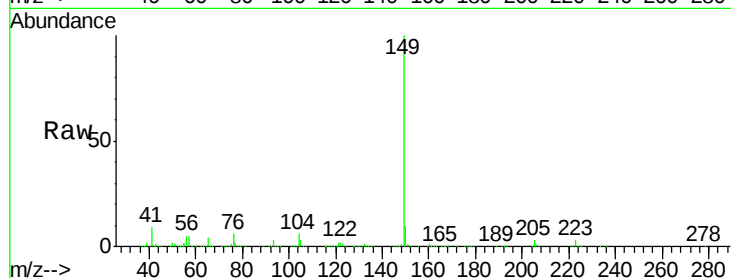
149 100

150 10.1 8.1 12.1

104 5.6 5.2 7.8

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#74

Fluoranthene

Concen: 38.47 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

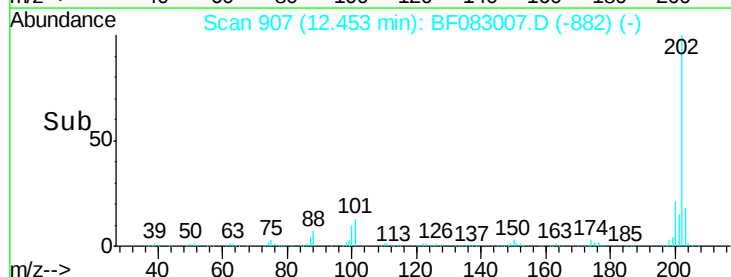
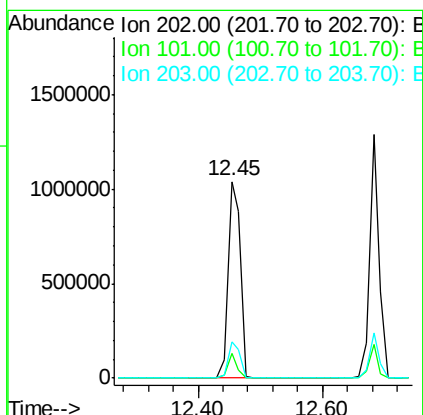
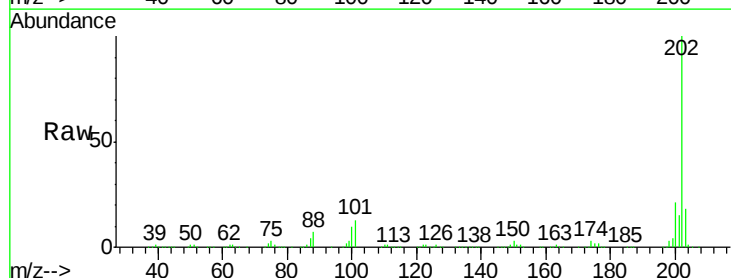
Tgt Ion:202 Resp: 1398149

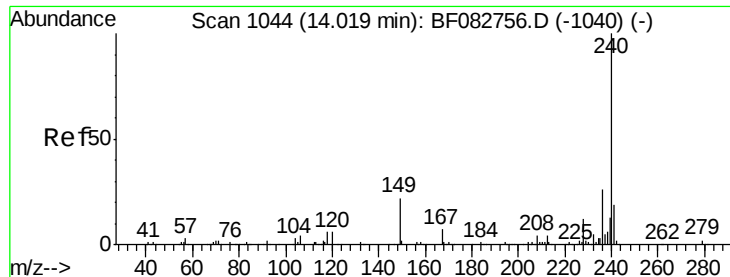
Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.5

203 18.4 0.0 38.5





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

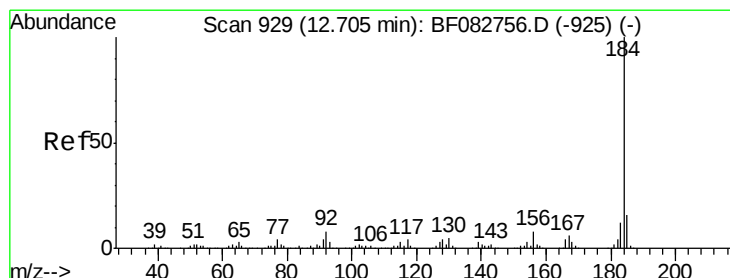
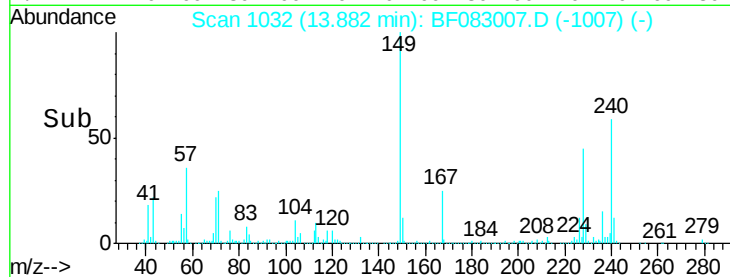
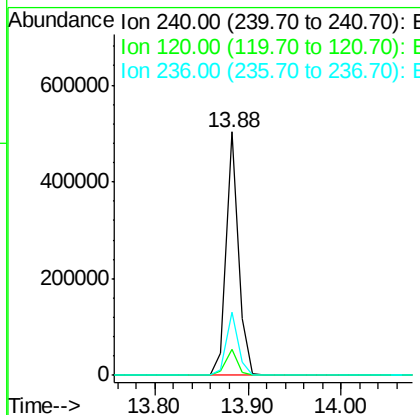
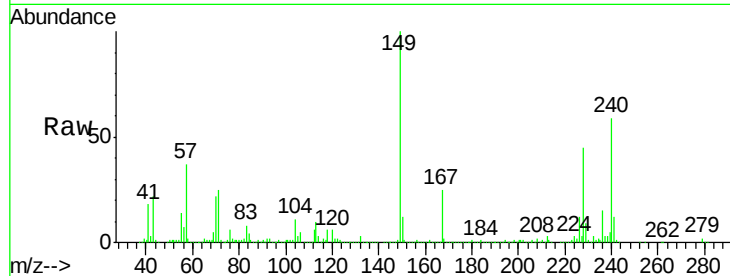
ClientSampleId :

PB86660BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.9	16.3#
236	26.0	21.6	32.4

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#76

Benzidine

Concen: 33.50 ng

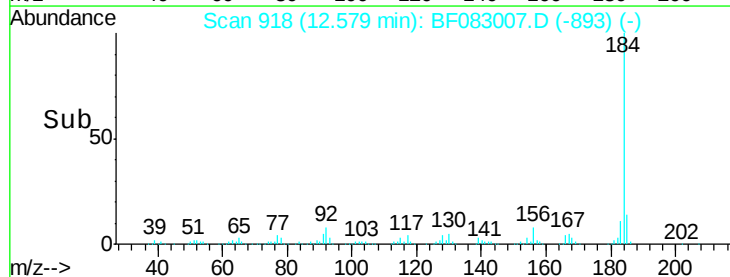
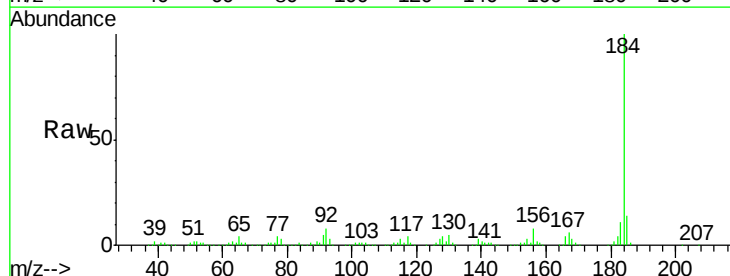
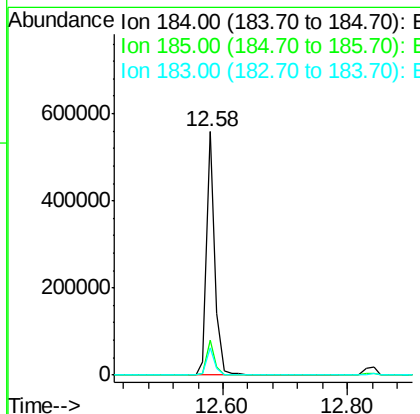
RT: 12.58 min Scan# 918

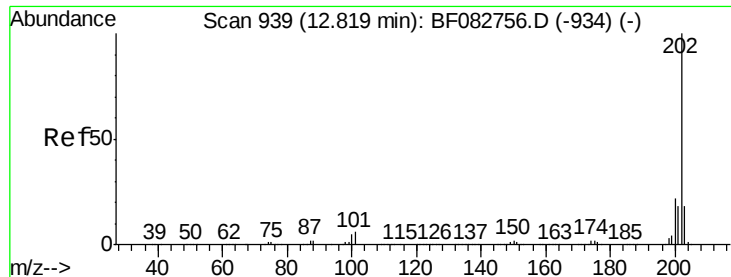
Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.4	9.6	14.4





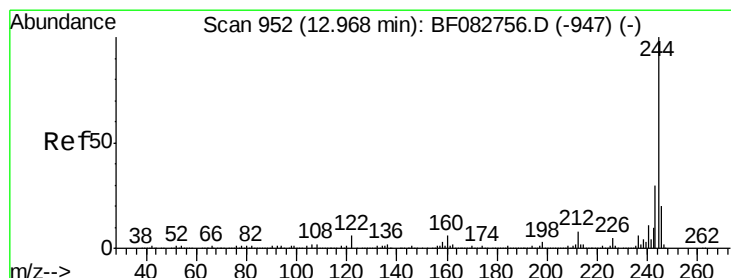
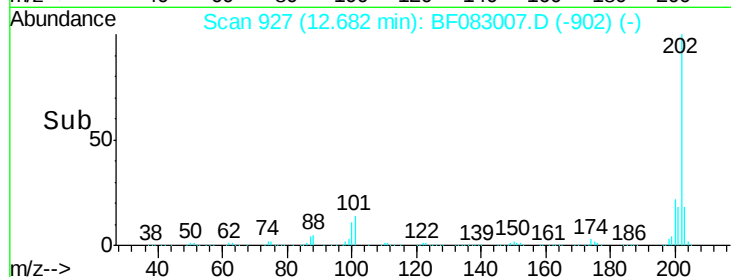
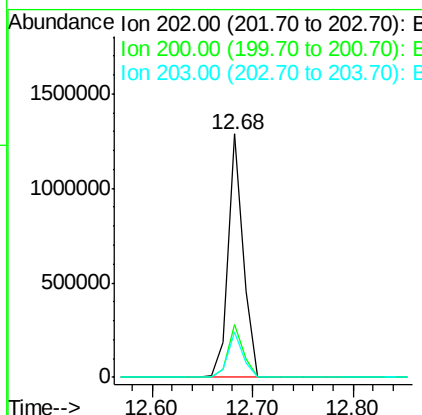
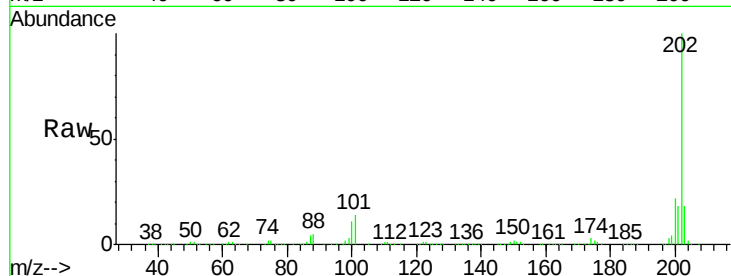
#77
Pvrene
Concen: 41.93 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	18.3	14.8	22.2

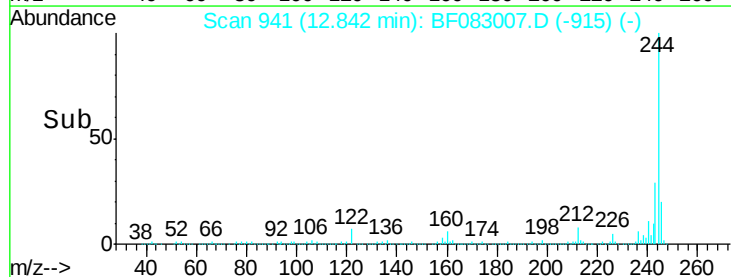
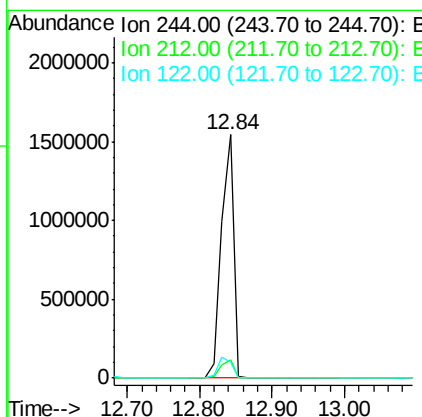
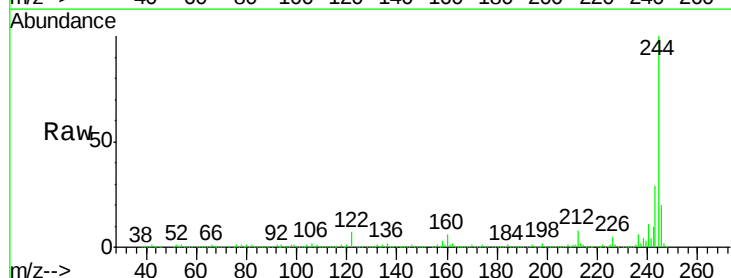
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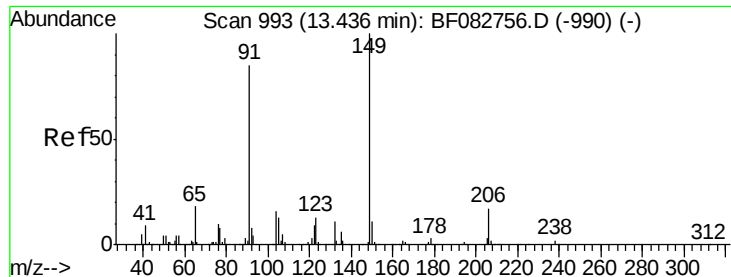
Mmdadoda
11/19/2015 6:44:08 PM



#78
Terphenyl-d14
Concen: 93.05 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	6.6	11.3	16.9#





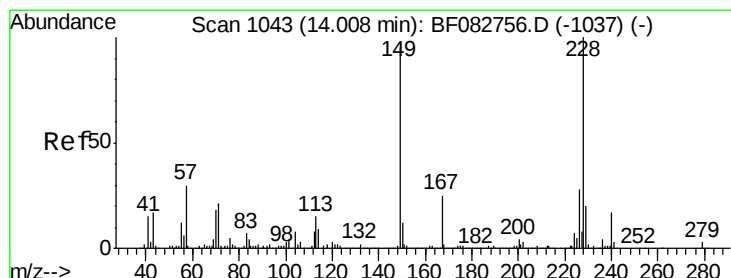
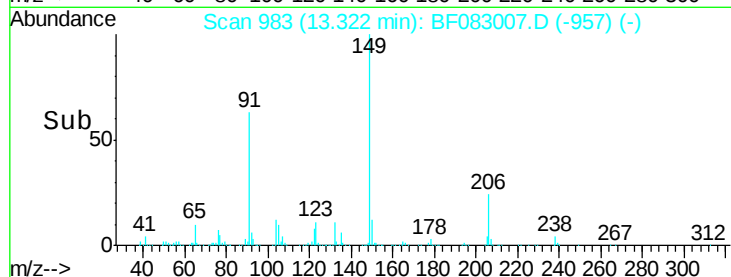
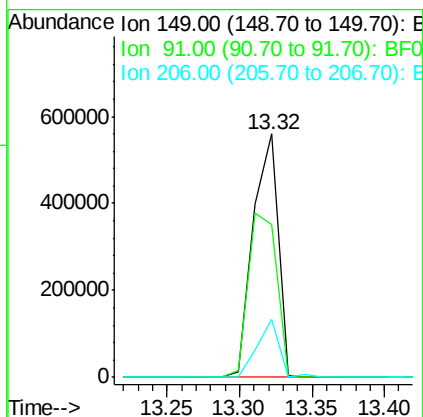
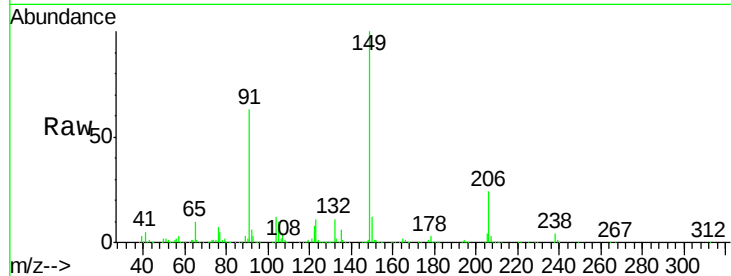
#79
Butylbenzylphthalate
Concen: 47.69 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		671151		
91	62.5	67.7	101.5#		
206	23.7	14.6	22.0#		

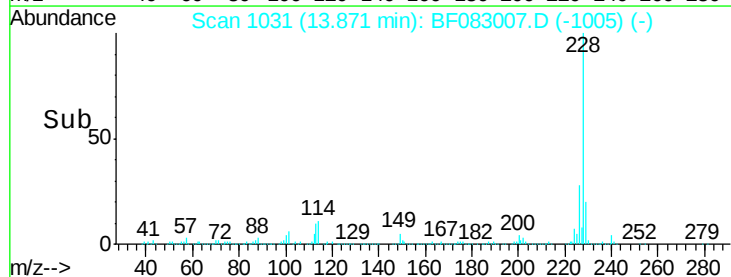
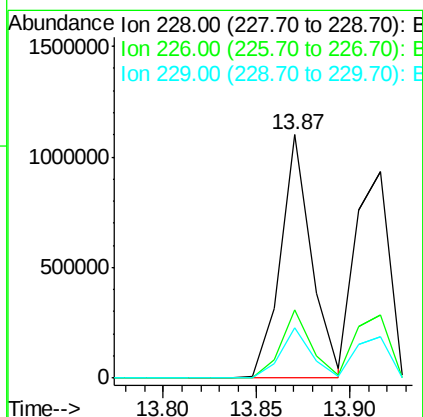
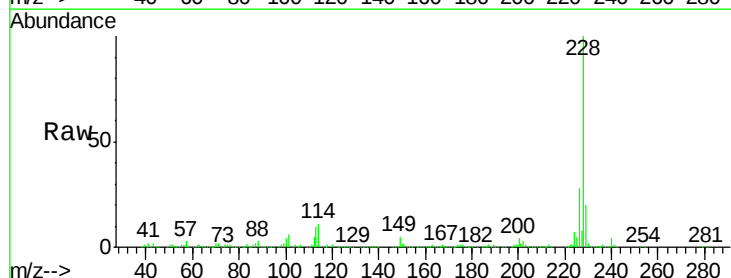
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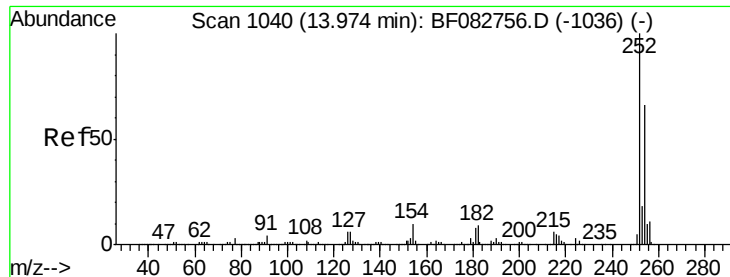
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 43.58 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1264032		
226	28.1	23.4	35.2		
229	20.5	16.3	24.5		





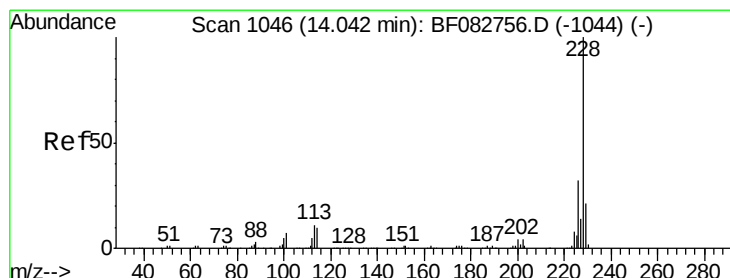
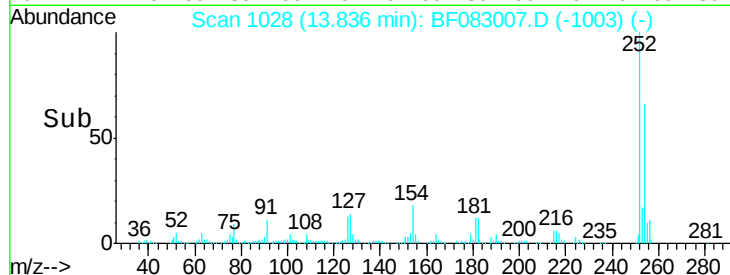
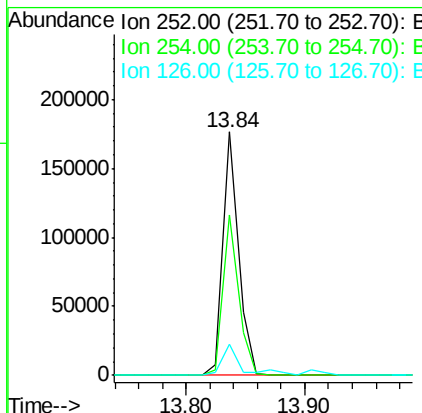
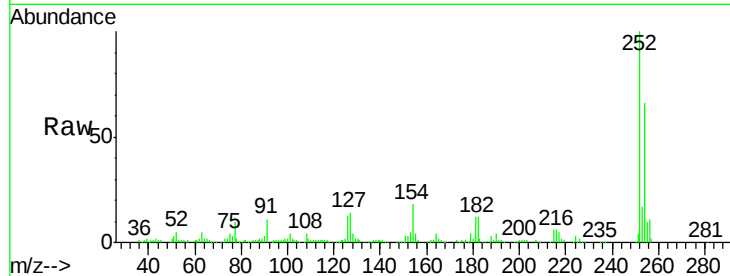
#81
 3,3'-Dichlorobenzidine
 Concen: 15.47 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	159530		
254	66.1	51.4	77.0	
126	12.6	10.7	16.1	

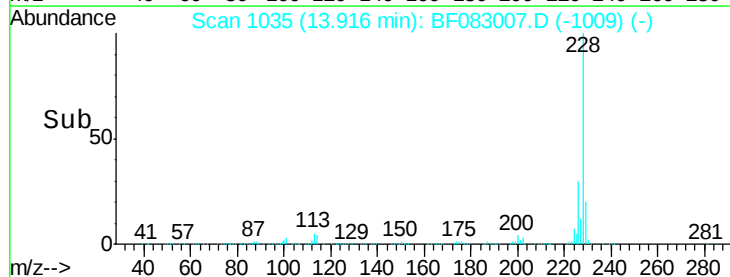
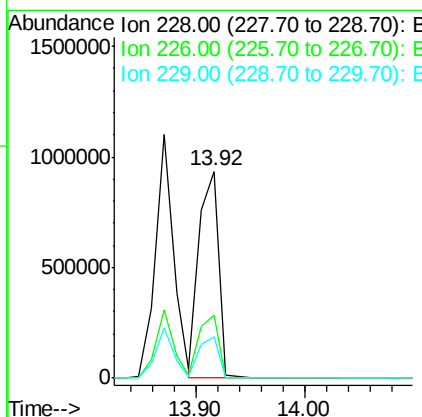
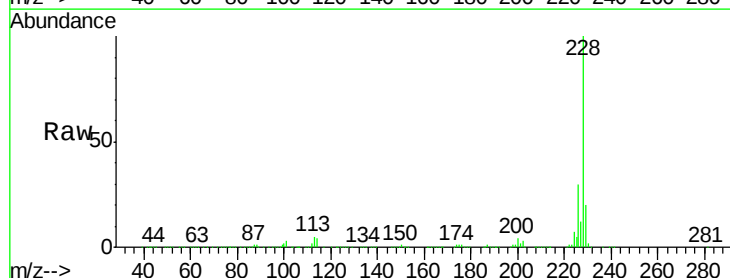
Manual Integrations
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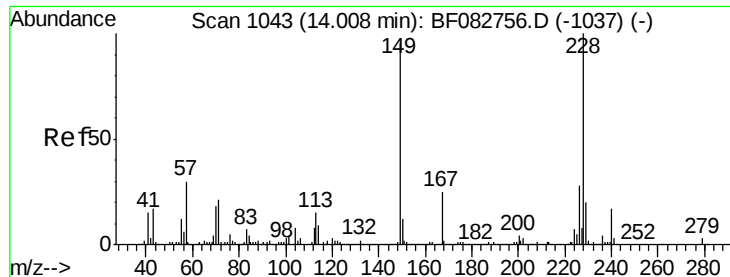
Mmdadoda
 11/19/2015 6:44:08 PM



#82
 Chrysene
 Concen: 44.57 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1184064		
226	30.5	25.5	38.3	
229	19.8	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.35 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

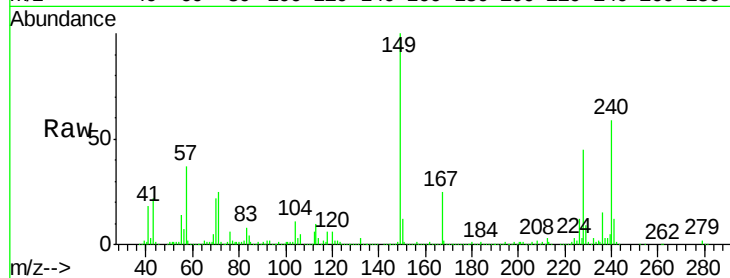
ClientSampleId :

PB86660BS

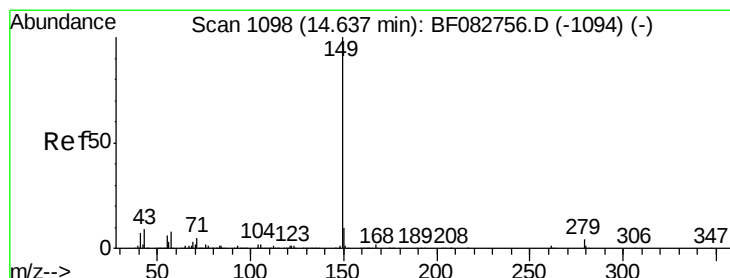
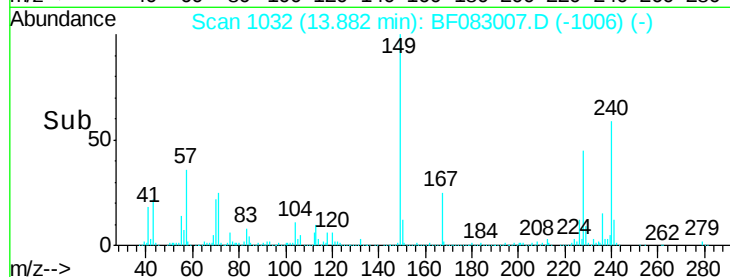
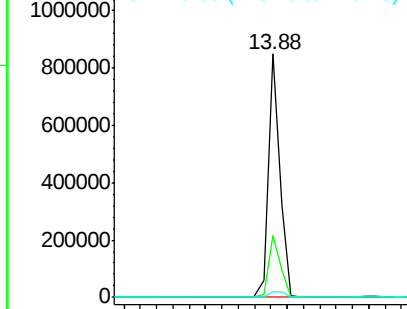
Tot Ion:	149	Resp:	854227
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.2	31.8
279	2.0	2.2	3.2

Manual Integrations
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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: 47.70 ng

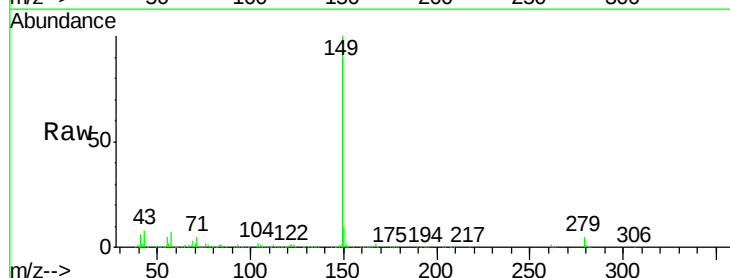
RT: 14.51 min Scan# 1087

Delta R.T. 0.01 min

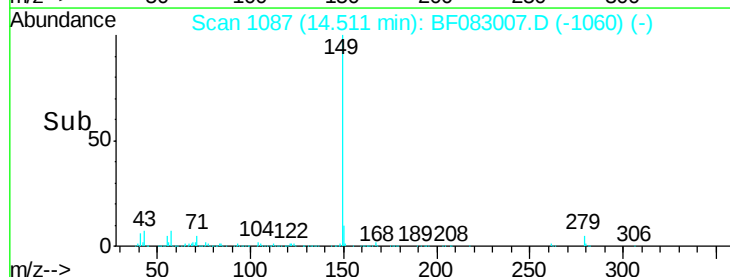
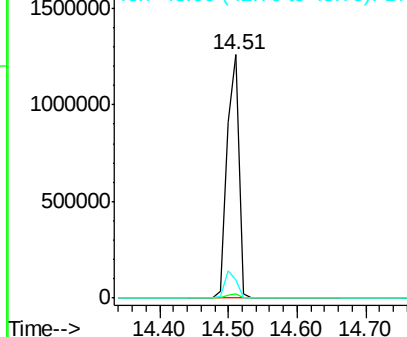
Lab File: BF083007.D

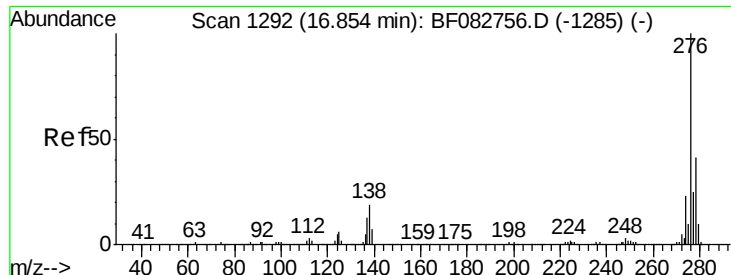
Acq: 18 Nov 2015 13:40

Tgt Ion:	149	Resp:	1532474
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.0	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





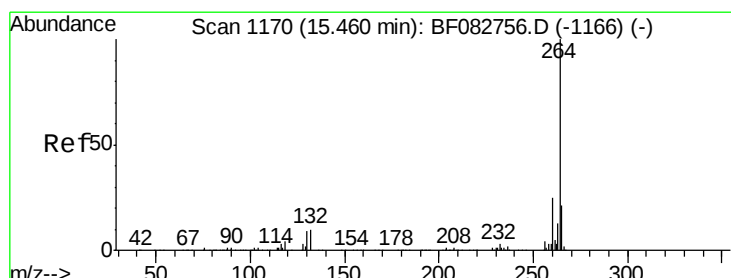
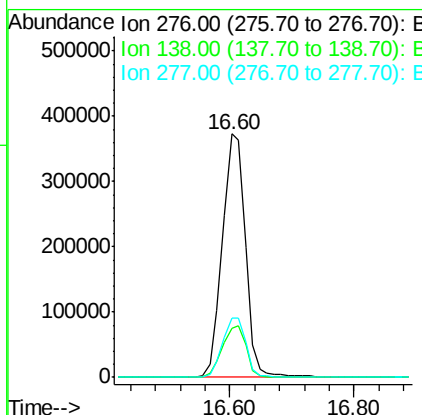
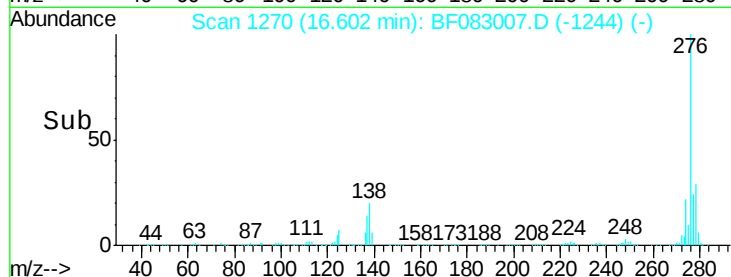
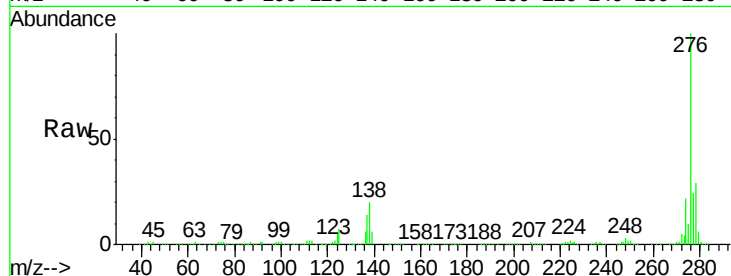
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.90 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	15.3	22.9
277	25.1	20.2	30.4

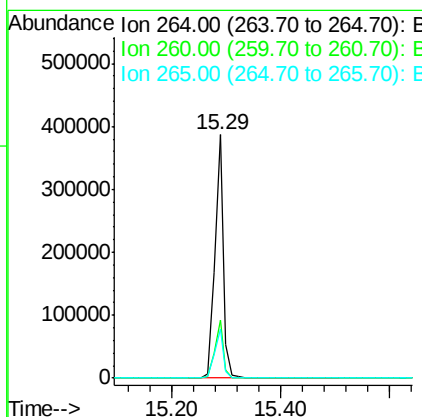
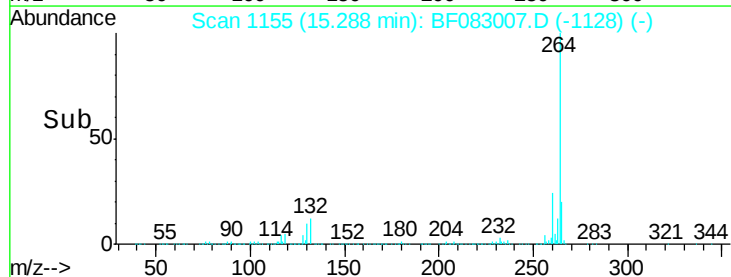
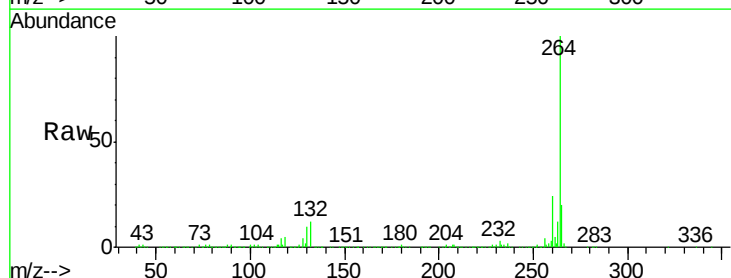
Manual Integrations
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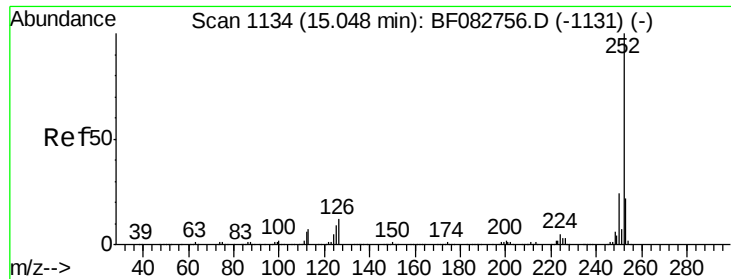
Mmdadoda
 11/19/2015 6:44:08 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	20.3	17.4	26.0





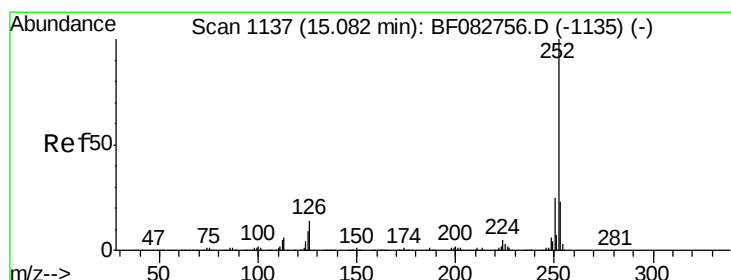
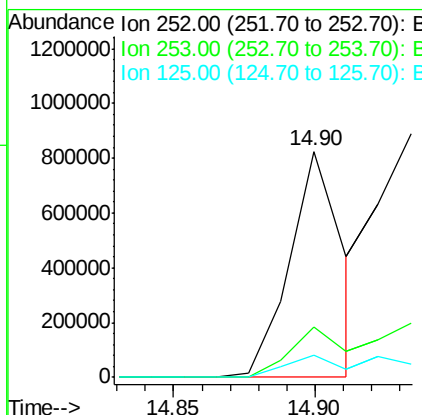
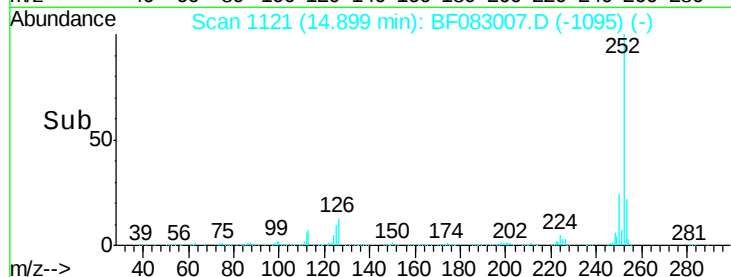
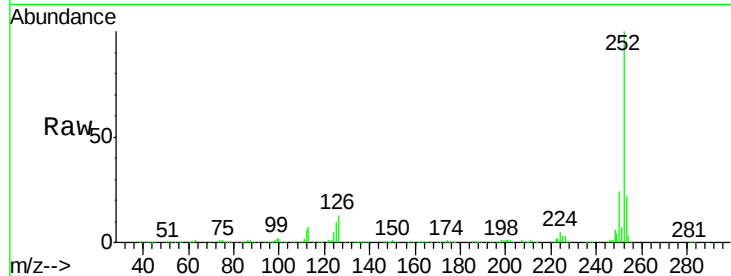
#87
Benzo(b)fluoranthene
Concen: 38.42 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion:252 Resp: 1067319
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.7 5.4 8.2#

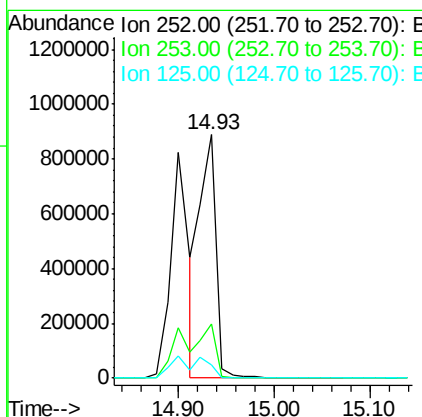
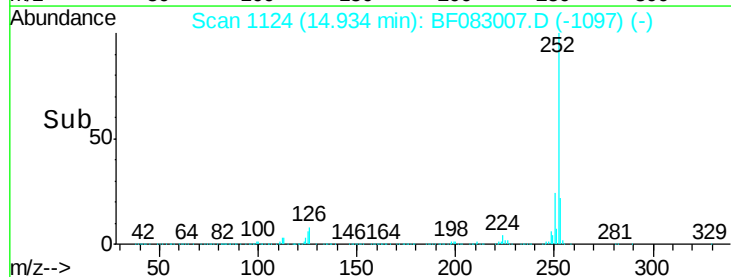
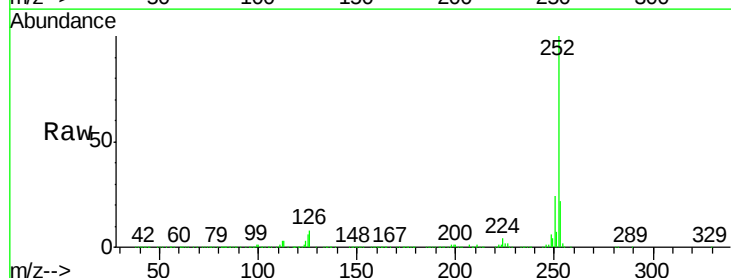
Manual Integrations
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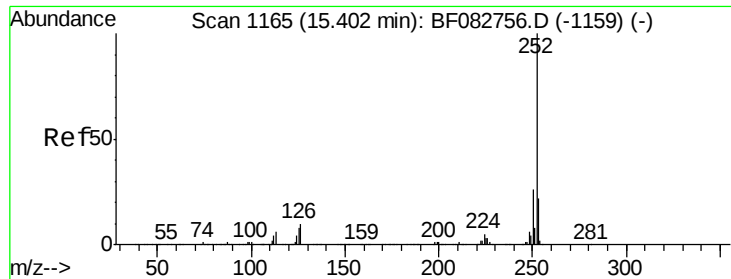
Mmdadoda
11/19/2015 6:44:08 PM



#88
Benzo(k)fluoranthene
Concen: 44.42 ng m
RT: 14.93 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:252 Resp: 1094770
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 5.6 3.5 5.3#





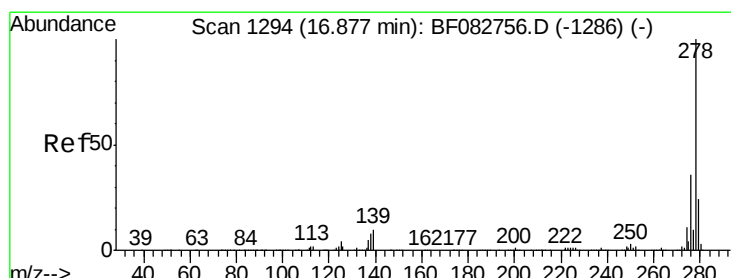
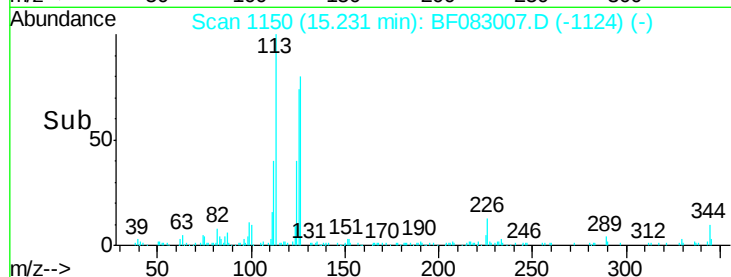
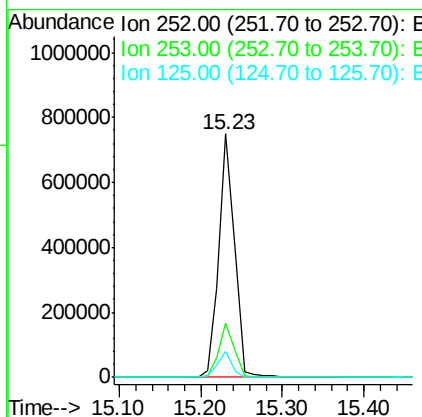
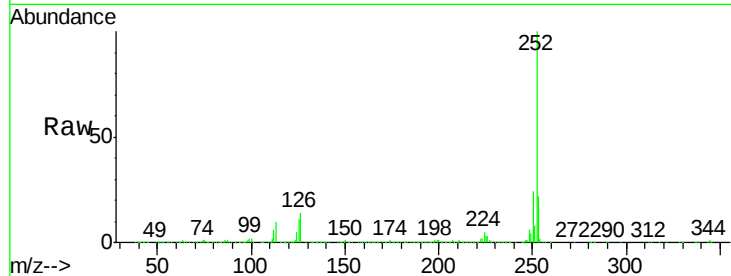
#89
Benzo(a)pyrene
Concen: 41.40 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.8	7.1	10.7

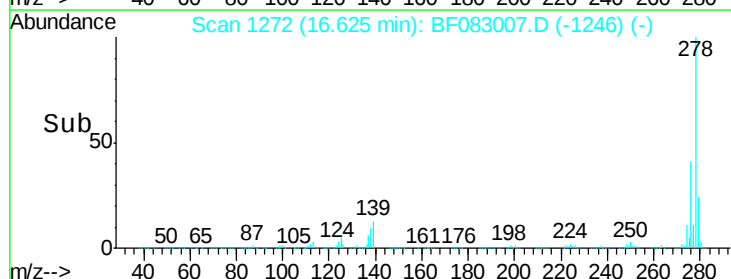
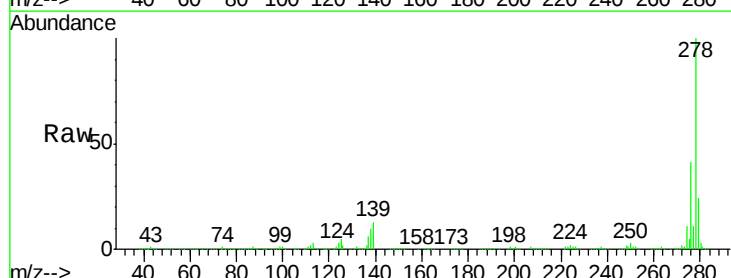
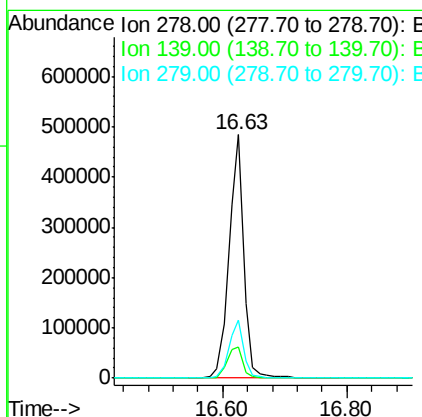
Manual Integrations
APPROVED

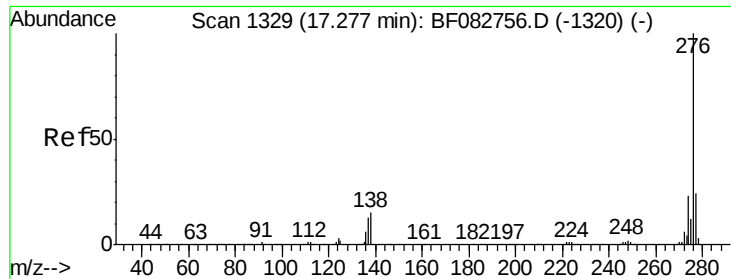
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#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.9	14.9
279	23.7	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.58 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	18.5	13.1	19.7

Manual Integrations
 APPROVED

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