

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083133.D
 Acq On : 22 Nov 2015 2:34
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:40 PM

Quant Time: Nov 22 09:47:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	194517m	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	762977	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	387530	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	722809	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	632396	20.00	ng	-0.01
86) Perylene-d12	15.15	264	552995	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1285494	99.91	ng	-0.01
7) Phenol-d6	6.33	99	1812146	108.86	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1100373	65.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	378361	95.43	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1845560	66.41	ng	0.00
78) Terphenyl-d14	12.75	244	1913224	71.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	164966	25.88	ng	# 90
3) Pyridine	2.96	79	522850	31.06	ng	95
4) n-Nitrosodimethylamine	2.84	42	269593	34.72	ng	99
6) Aniline	6.33	93	390643m	19.20	ng	
8) 2-Chlorophenol	6.44	128	477460	34.35	ng	97
9) Benzaldehyde	6.19	77	314734m	36.87	ng	
10) Phenol	6.34	94	611260	30.35	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	497077	34.57	ng	98
12) 1,3-Dichlorobenzene	6.59	146	504473m	31.78	ng	
13) 1,4-Dichlorobenzene	6.67	146	498440m	31.05	ng	
14) 1,2-Dichlorobenzene	6.82	146	456528	31.28	ng	95
15) Benzyl Alcohol	6.82	79	459173	33.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	807604	36.02	ng	77
17) 2-Methylphenol	6.95	107	380528	33.08	ng	99
18) Hexachloroethane	7.16	117	185378m	32.78	ng	
19) n-Nitroso-di-n-propylamine	7.08	70	370729	32.00	ng	98
20) 3+4-Methylphenols	7.10	107	521665	35.88	ng	94
22) Acetophenone	7.07	105	664840	30.35	ng	# 99
24) Nitrobenzene	7.24	77	585038	32.79	ng	97
25) Isophorone	7.50	82	1014323	32.08	ng	100
26) 2-Nitrophenol	7.56	139	250872	31.85	ng	96
27) 2,4-Dimethylphenol	7.62	122	423392	33.68	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	585805	31.87	ng	99
29) 2,4-Dichlorophenol	7.82	162	415965	34.79	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	404766	30.82	ng	97
31) Naphthalene	7.96	128	1333732	32.39	ng	99
32) Benzoic acid	7.77	122	291700	29.85	ng	96
33) 4-Chloroaniline	8.02	127	188289	11.79	ng	97
34) Hexachlorobutadiene	8.09	225	241841	31.16	ng	98
35) Caprolactam	8.42	113	131943m	34.44	ng	
36) 4-Chloro-3-methylphenol	8.52	107	442885	31.98	ng	89
37) 2-Methylnaphthalene	8.65	142	853548	31.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	393659	31.34	ng	98
40) Hexachlorocyclopentadiene	8.81	237	420127	58.82	ng	99

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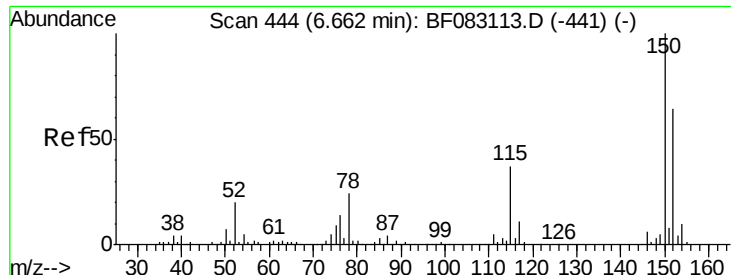
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	292376	32.50	nq	97
43) 2,4,5-Trichlorophenol	8.98	196	289724	31.50	nq #	78
45) 1,1'-Biphenyl	9.12	154	1043144	31.63	nq	98
46) 2-Chloronaphthalene	9.14	162	863274	33.32	nq	96
47) 2-Nitroaniline	9.24	65	294629	32.15	nq	95
48) Acenaphthylene	9.55	152	1320594	32.89	nq	99
49) Dimethylphthalate	9.44	163	991428	33.23	nq #	97
50) 2,6-Dinitrotoluene	9.48	165	205348	30.67	nq	98
51) Acenaphthene	9.72	154	804291	32.92	nq	99
52) 3-Nitroaniline	9.66	138	103229	14.46	nq #	71
53) 2,4-Dinitrophenol	9.76	184	249649	64.73	nq	89
54) Dibenzofuran	9.90	168	1165692	33.74	nq	97
55) 4-Nitrophenol	9.85	139	379313	69.30	nq	88
56) 2,4-Dinitrotoluene	9.88	165	275826	32.52	nq	98
57) Fluorene	10.24	166	940623	32.94	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	249900	33.12	nq	99
59) Diethylphthalate	10.12	149	958994	32.29	nq	95
60) 4-Chlorophenyl-phenylether	10.24	204	425933	32.57	nq #	79
61) 4-Nitroaniline	10.27	138	213214	30.34	nq	91
62) Azobenzene	10.39	77	1151622	33.97	nq	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	178642	35.87	nq	97
65) n-Nitrosodiphenylamine	10.35	169	807146	32.83	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	273610	34.11	nq #	92
67) Hexachlorobenzene	10.78	284	282176	31.95	nq #	83
68) Atrazine	10.89	200	249001	34.88	nq	98
69) Pentachlorophenol	10.98	266	373701	64.95	nq	95
70) Phenanthrene	11.19	178	1339174	32.16	nq	99
71) Anthracene	11.24	178	1472927	34.67	nq	99
72) Carbazole	11.40	167	1295846	34.31	nq	100
73) Di-n-butylphthalate	11.75	149	1592142	34.54	nq	99
74) Fluoranthene	12.36	202	1431343	33.58	nq	97
76) Benzidine	12.50	184	550570	33.22	nq	100
77) Pyrene	12.59	202	1400449	32.41	nq	100
79) Butylbenzylphthalate	13.23	149	694853	33.98	nq	96
80) Benzo(a)anthracene	13.78	228	1446392	36.98	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	278511	20.46	nq #	97
82) Chrysene	13.82	228	1074843	29.63	nq	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	922897	34.56	nq	98
84) Di-n-octyl phthalate	14.40	149	1589897	34.58	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1086596	32.94	nq	97
87) Benzo(b)fluoranthene	14.79	252	1310542m	34.68	nq	
88) Benzo(k)fluoranthene	14.81	252	903303m	32.09	nq	
89) Benzo(a)pyrene	15.10	252	1026748	32.91	nq #	94
90) Dibenzo(a,h)anthracene	16.43	278	910784	32.14	nq	97
91) Benzo(g,h,i)perylene	16.80	276	875998	31.67	nq	96

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



#1

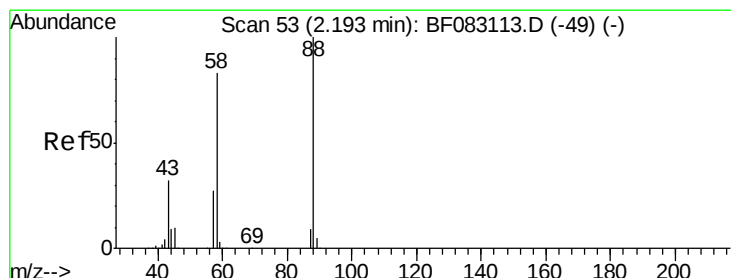
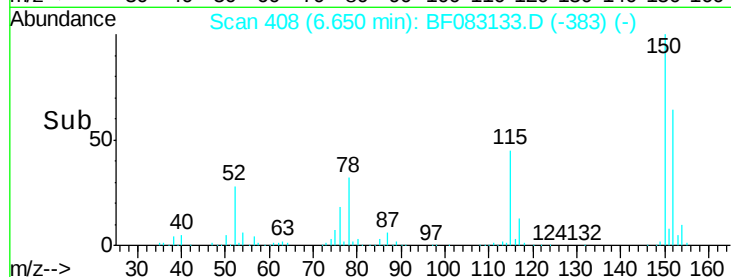
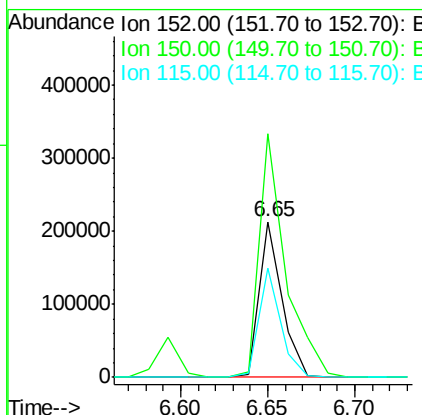
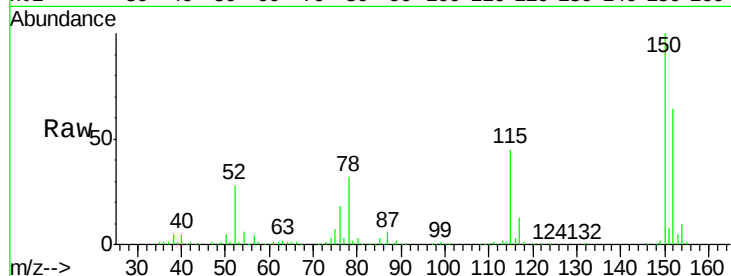
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	194517		
150	156.5	125.8	188.8	
115	70.4	46.9	70.3	

Manual Integrations
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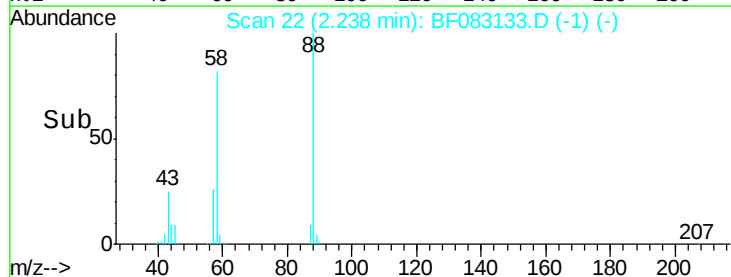
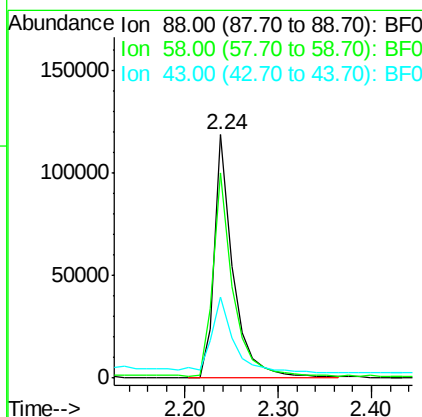
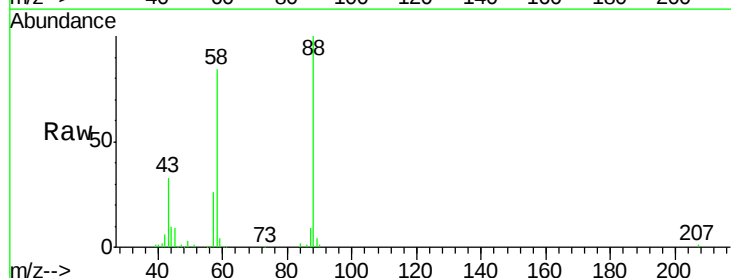
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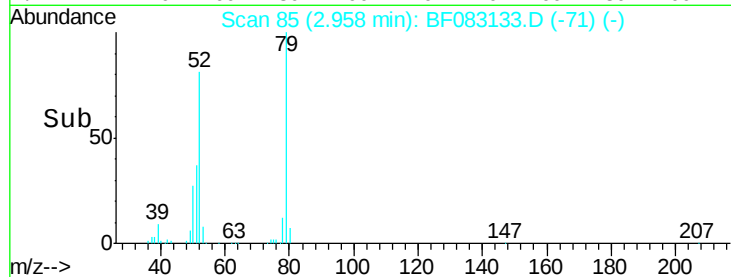
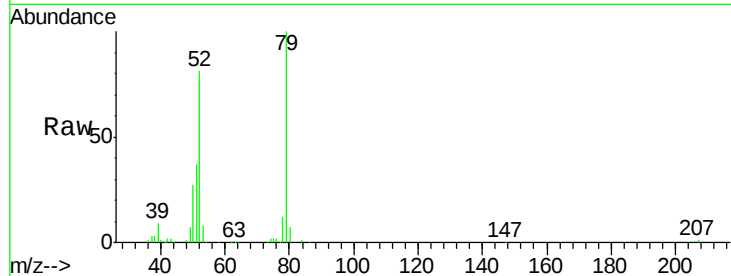
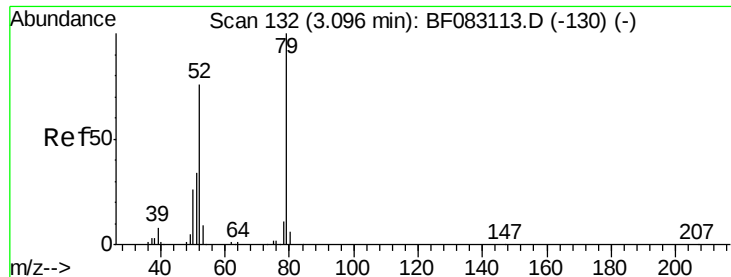


#2

1,4-Dioxane
Concen: 25.88 ng
RT: 2.24 min Scan# 22
Delta R.T. 0.05 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	164966		
58	89.3	65.0	97.6	
43	38.0	24.7	37.1	





#3

Pvridine

Concen: 31.06 ng

RT: 2.96 min Scan# 85

Delta R.T. -0.14 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tot Ion:	79	Resp:	522850
Ion Ratio	Lower	Upper	
79	100		
52	81.0	60.7	91.1
51	36.9	27.9	41.9

Instrument :

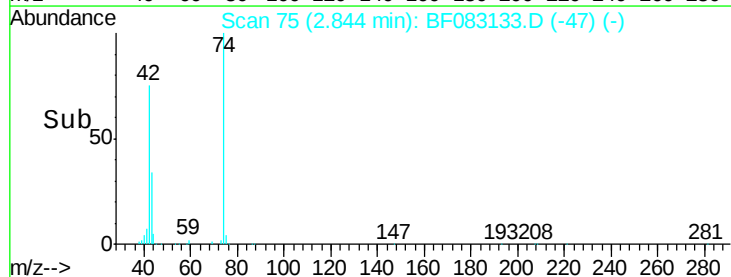
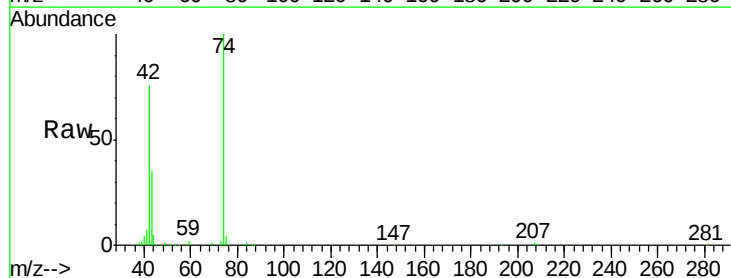
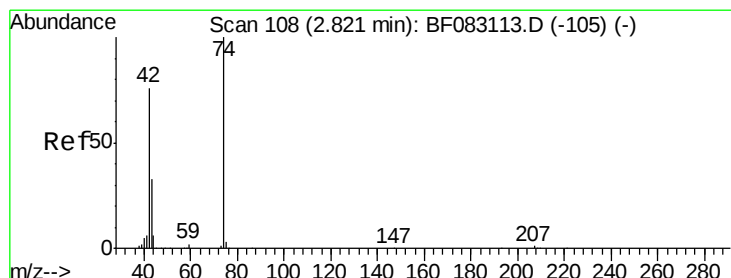
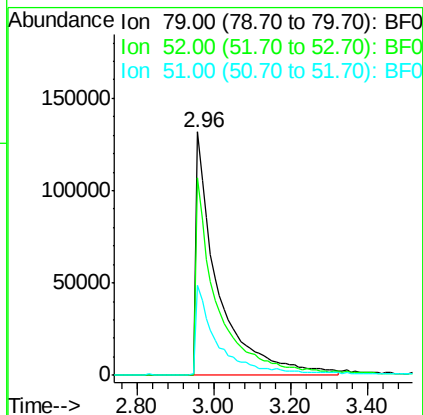
BNA_F

ClientSampleId :

PB86782BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.72 ng

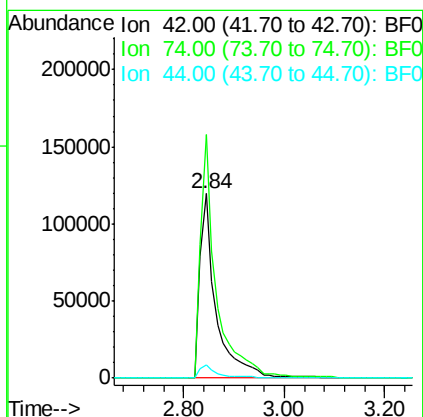
RT: 2.84 min Scan# 75

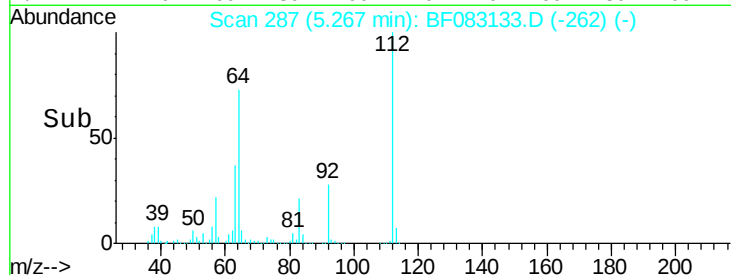
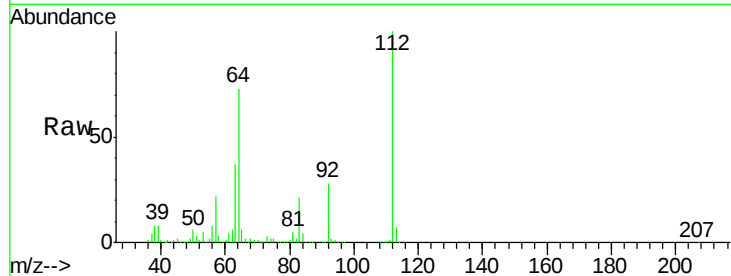
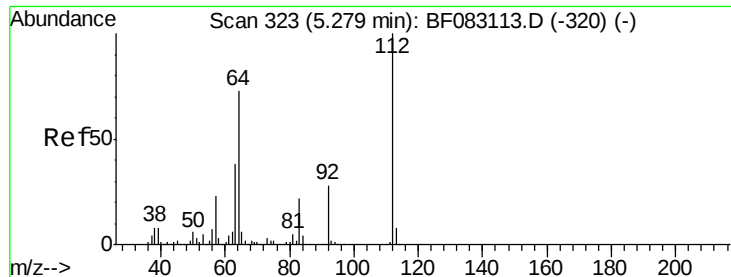
Delta R.T. 0.02 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	42	Resp:	269593
Ion Ratio	Lower	Upper	
42	100		
74	132.2	104.8	157.2
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 99.91 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion: 112 Resp: 1285494

Ion Ratio Lower Upper

112 100

64 72.5 58.4 87.6

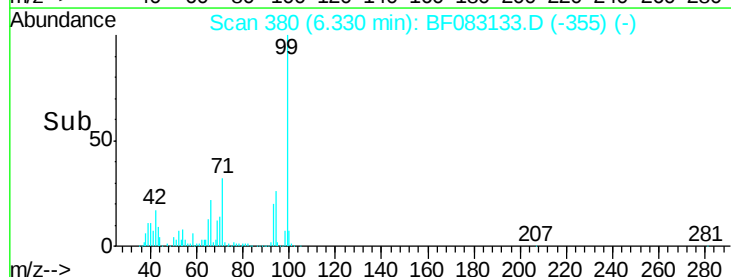
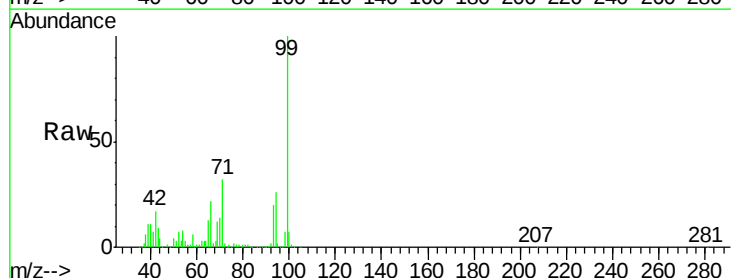
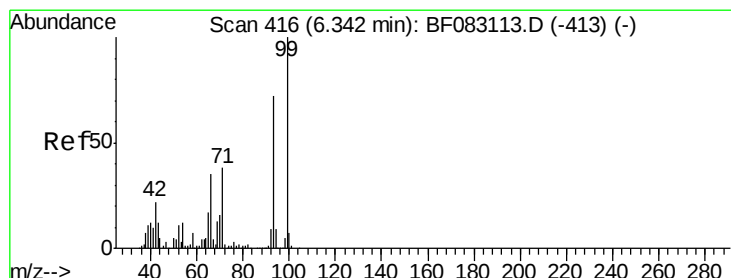
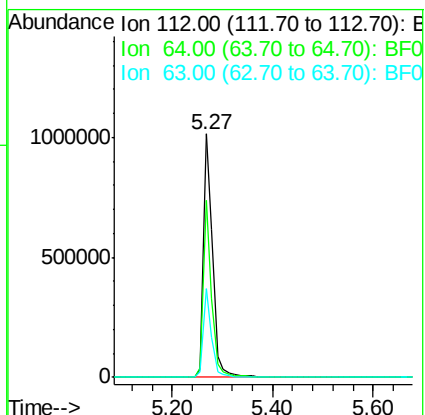
63 36.6 30.0 45.0

Manual Integrations

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#6

Aniline

Concen: 19.20 ng m

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

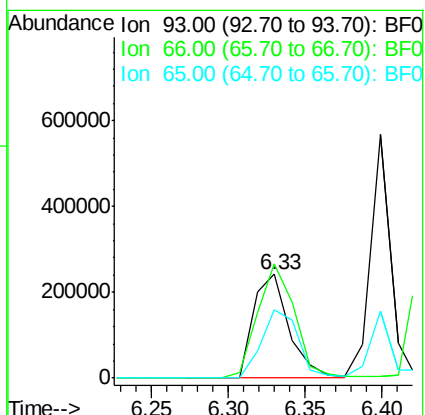
Tgt Ion: 93 Resp: 390643

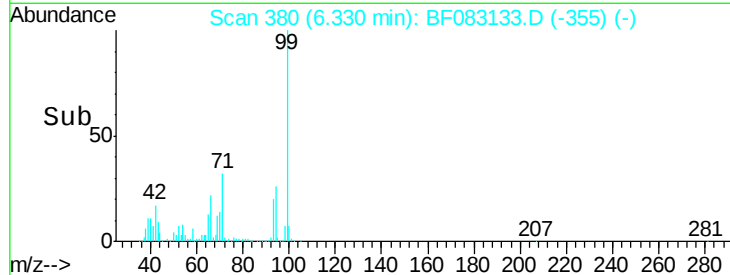
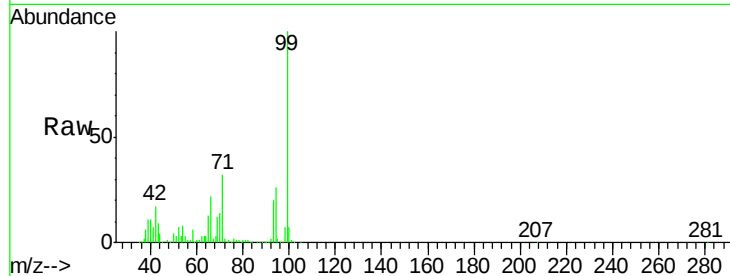
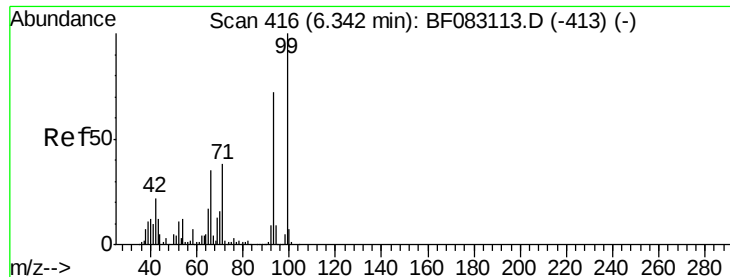
Ion Ratio Lower Upper

93 100

66 109.8 38.7 58.1#

65 65.1 18.6 27.8#





#7

Phenol-d6

Concen: 108.86 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tot Ion:	99	Resp:	1812146
Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.7	26.5#
71	31.5	30.2	45.4

Instrument :

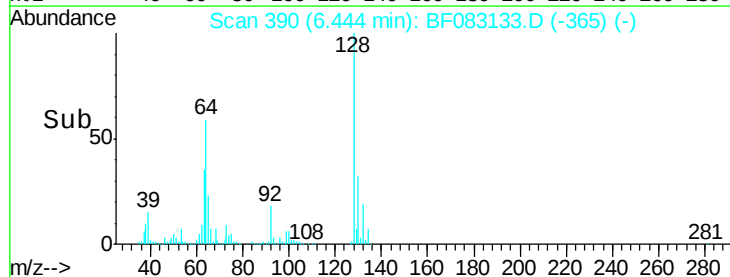
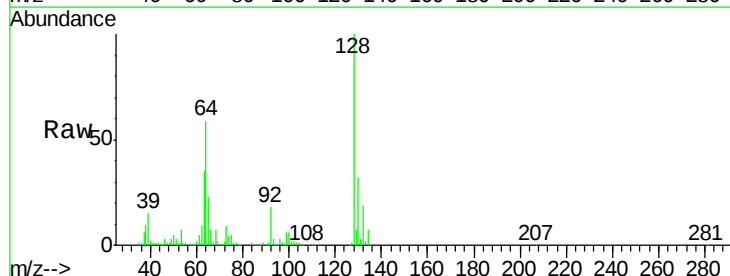
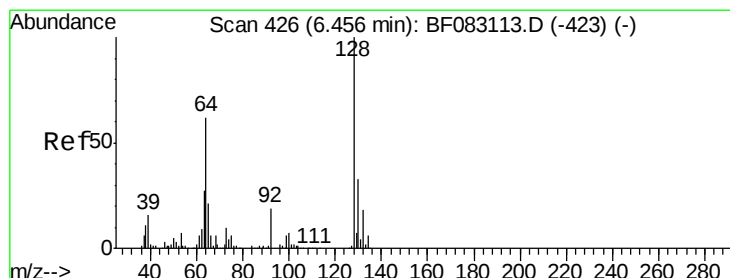
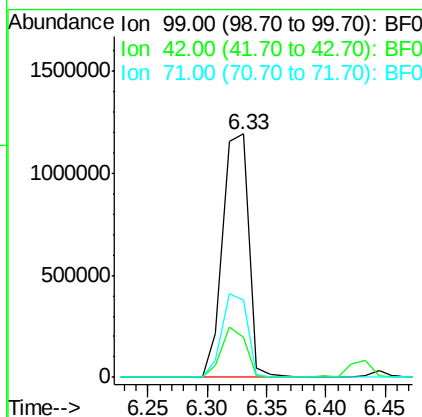
BNA_F

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Manual Integrations
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#8

2-Chlorophenol

Concen: 34.35 ng

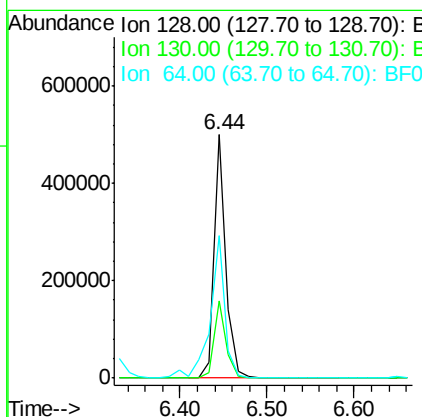
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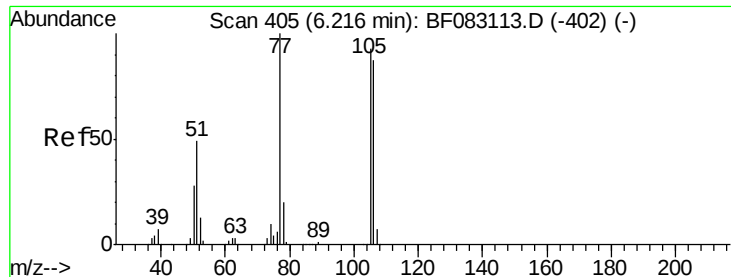
Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	128	Resp:	477460
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.6	52.6
64	58.7	41.9	81.9





#9

Benzaldehyde

Concen: 36.87 ng/ml

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

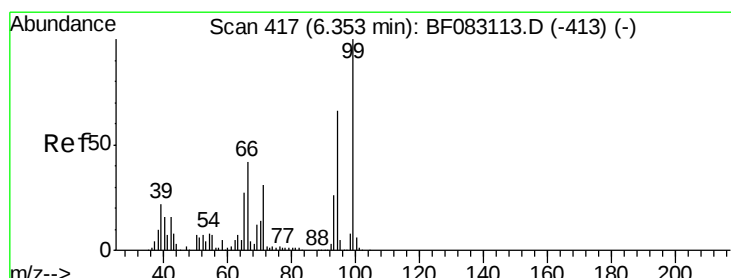
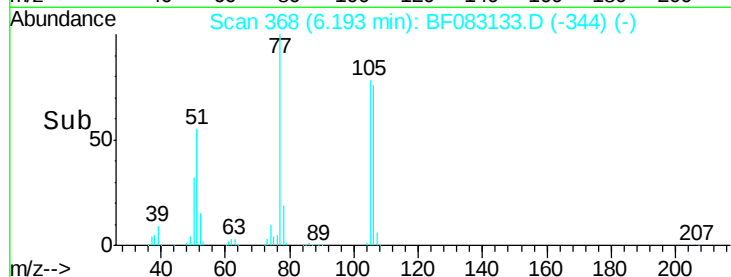
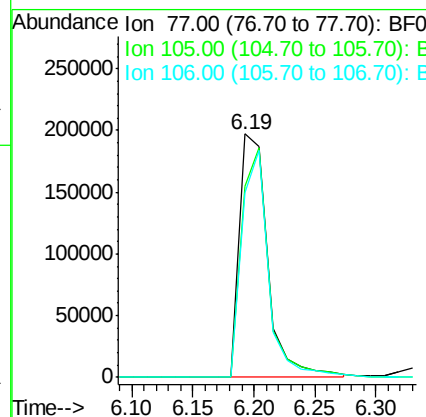
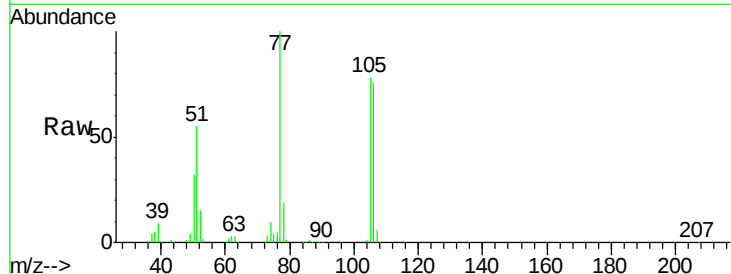
ClientSampleID :

PB86782BS

Tot Ion:	77	Resp:	314734
Ion Ratio	Lower	Upper	
77	100		
105	78.3	73.4	113.4
106	75.9	67.5	107.5

Manual Integrations
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11/23/2015 7:01:40 PM



#10

Phenol

Concen: 30.35 ng/ml

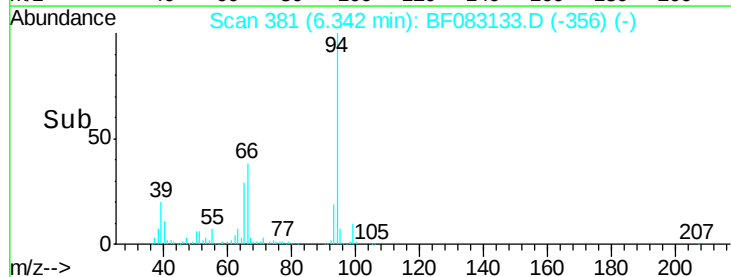
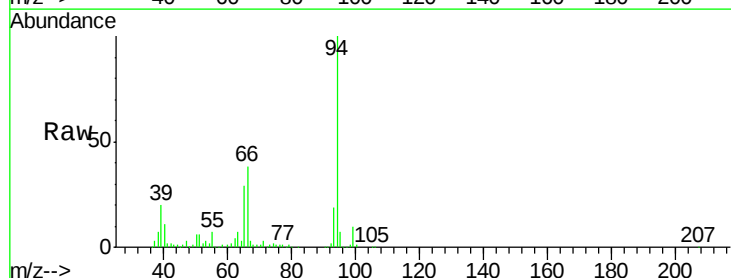
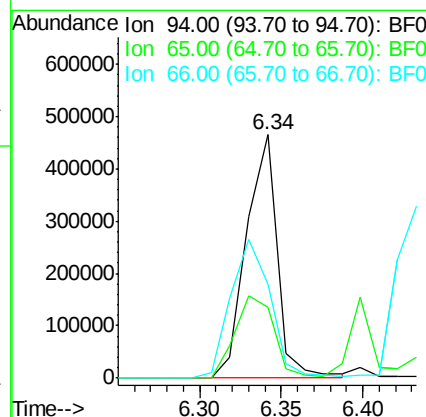
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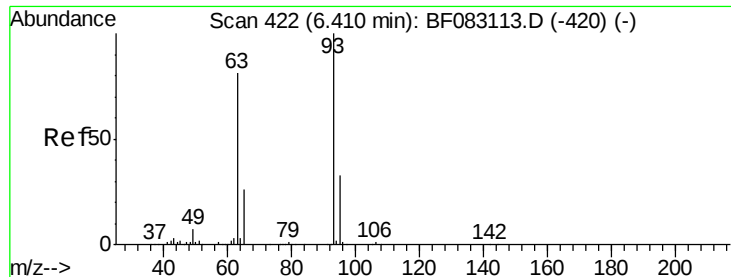
Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	94	Resp:	611260
Ion Ratio	Lower	Upper	
94	100		
65	29.3	21.1	61.1
66	38.3	43.1	83.1#





#11

bis(2-Chloroethyl)ether

Concen: 34.57 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

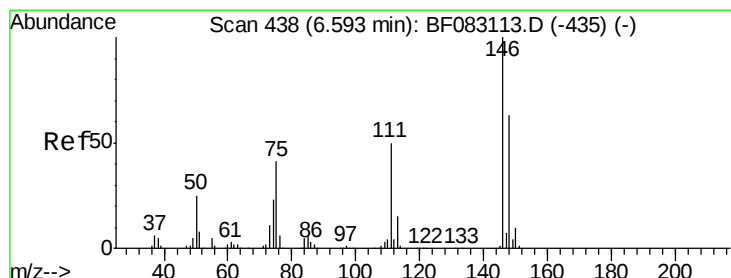
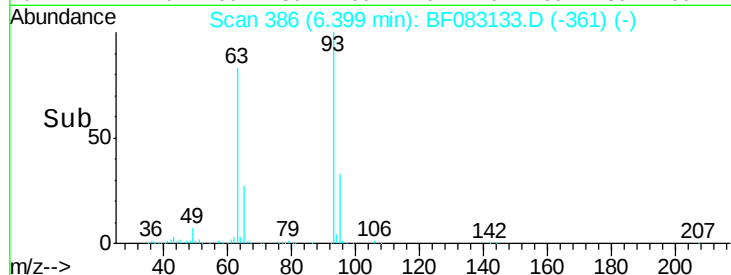
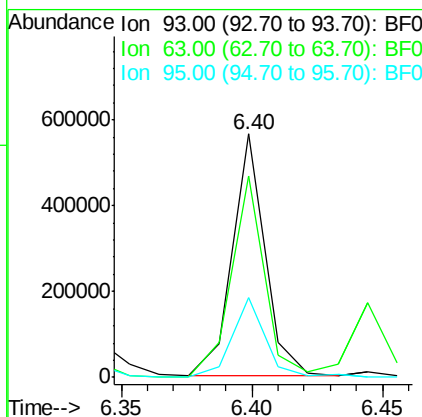
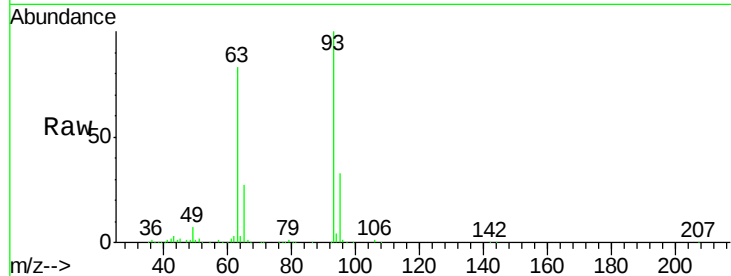
ClientSampleId :

PB86782BS

Tot Ion:	93	Resp:	497077
Ion Ratio	Lower	Upper	
93	100		
63	82.5	59.8	99.8
95	32.6	13.0	53.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 31.78 ng m

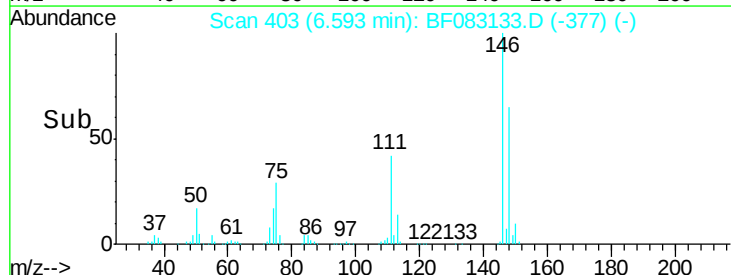
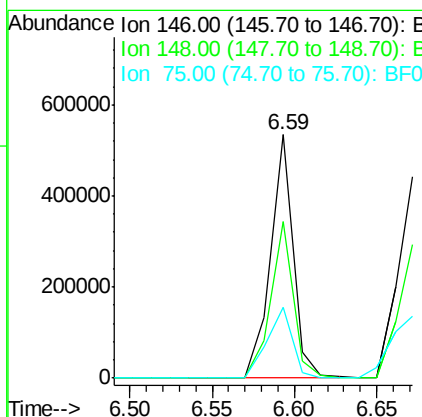
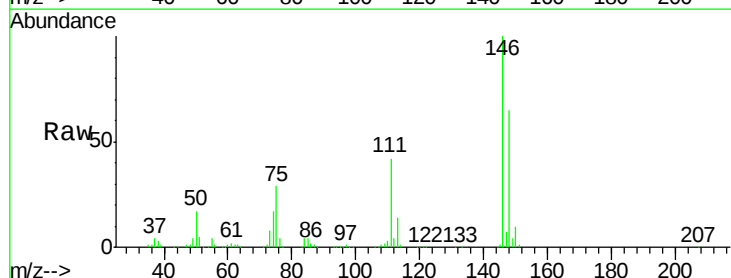
RT: 6.59 min Scan# 403

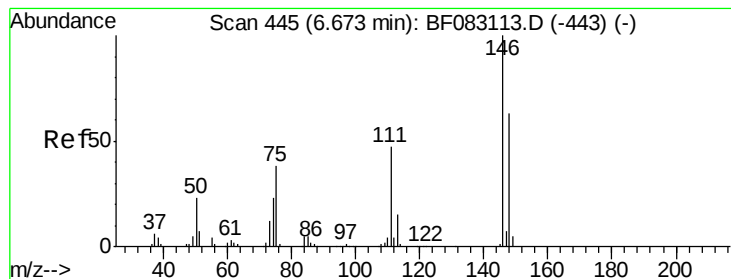
Delta R.T. -0.00 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	146	Resp:	504473
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.2	75.2
75	29.1	32.7	49.1#





#13

1,4-Dichlorobenzene

Concen: 31.05 ng/mL

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

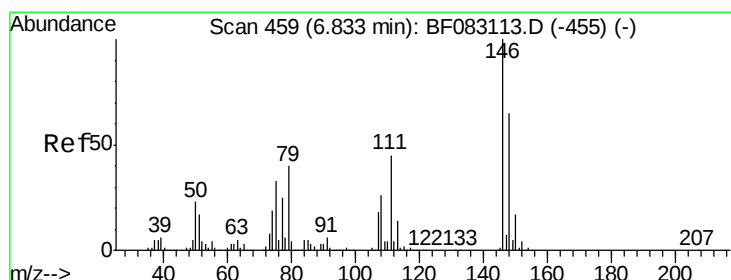
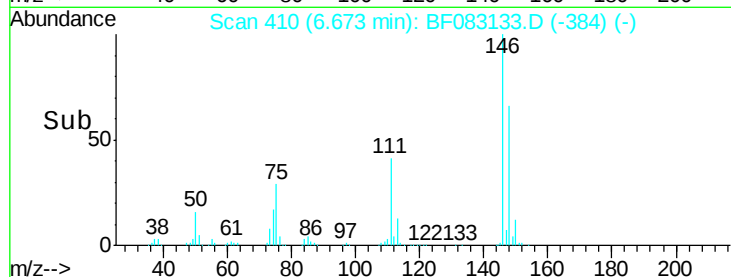
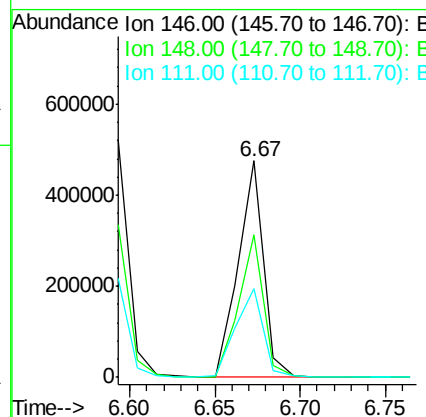
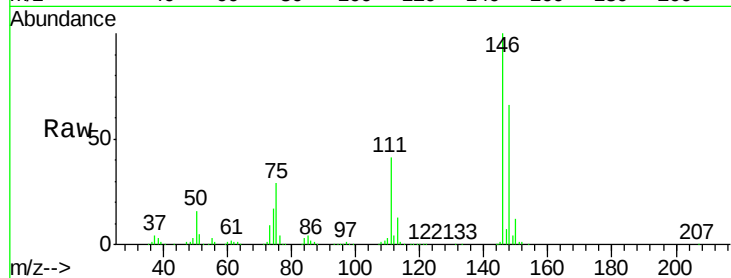
ClientSampleId :

PB86782BS

Tot Ion:	146	Resp:	498440
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.2	75.2
111	41.0	37.5	56.3

Manual Integrations
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11/23/2015 7:01:40 PM



#14

1,2-Dichlorobenzene

Concen: 31.28 ng/mL

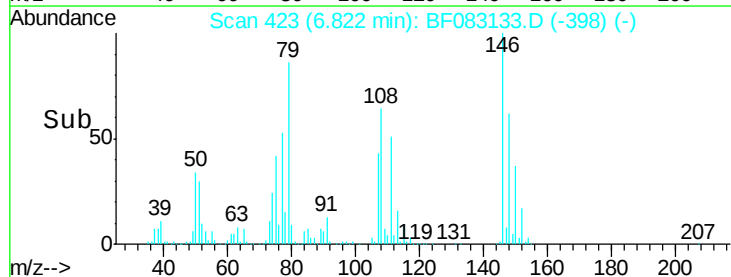
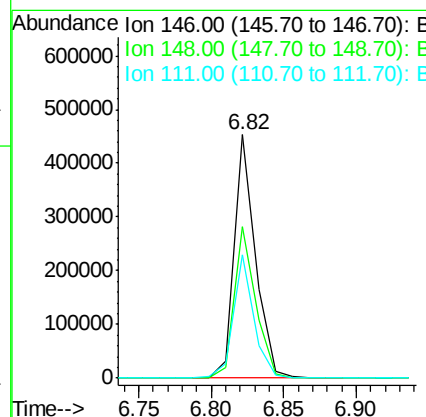
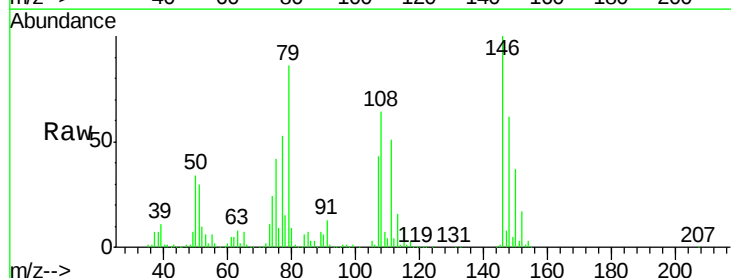
RT: 6.82 min Scan# 423

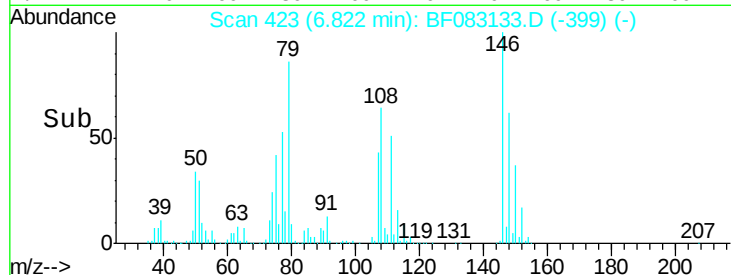
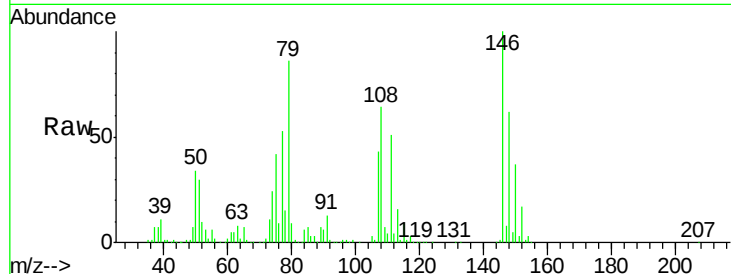
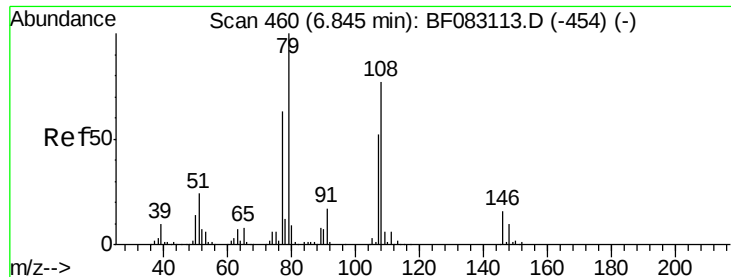
Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	146	Resp:	456528
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.8	77.6
111	50.6	36.2	54.4





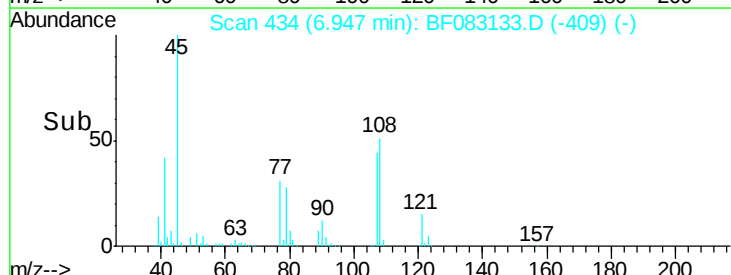
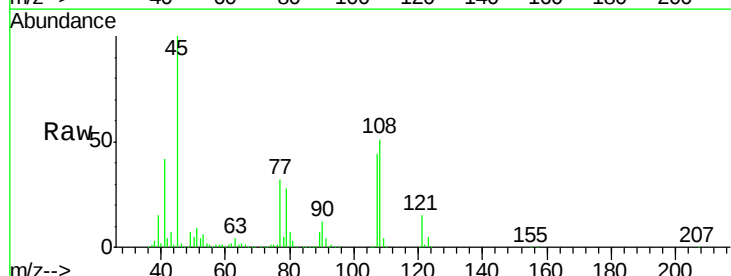
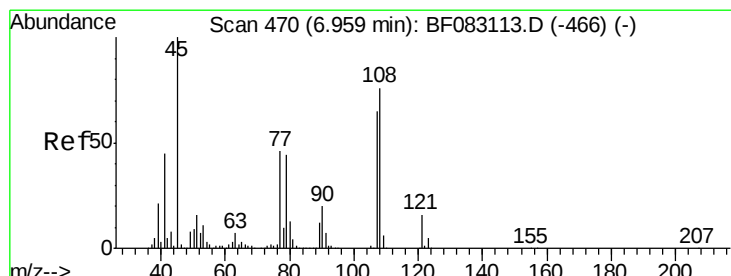
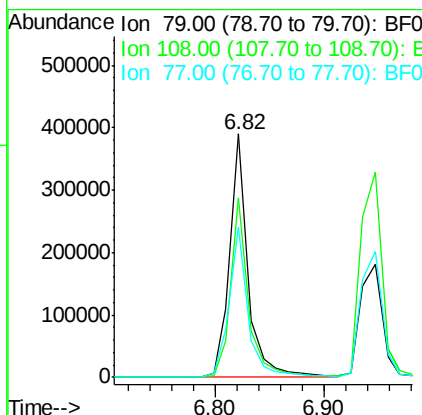
#15
Benzyl Alcohol
Concen: 33.01 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	61.4	92.2
77	61.6	50.5	75.7

Instrument :
BNA_F
ClientSampleId :
PB86782BS

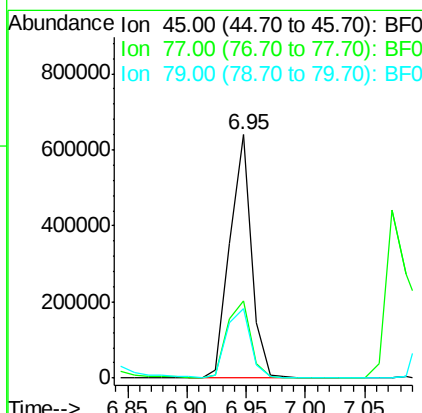
Manual Integrations
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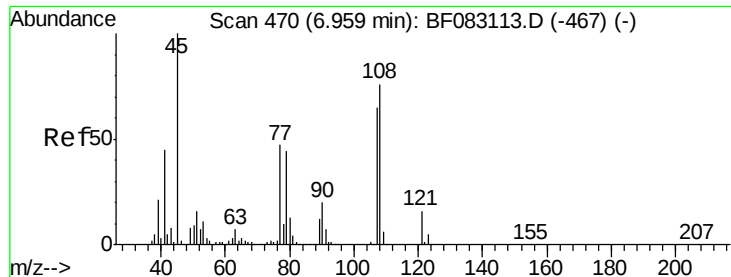
Mmdadoda
11/23/2015 7:01:40 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.02 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.6	26.7	66.7
79	28.5	24.3	64.3





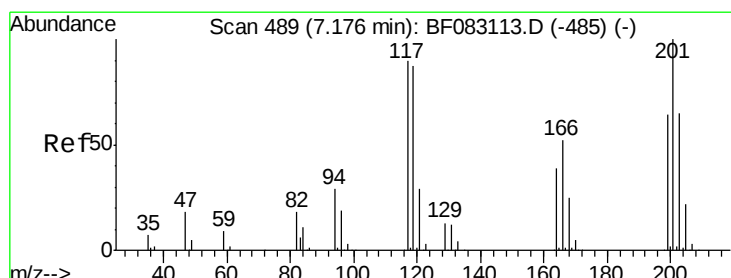
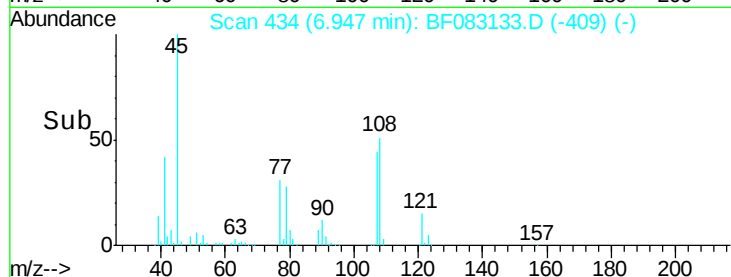
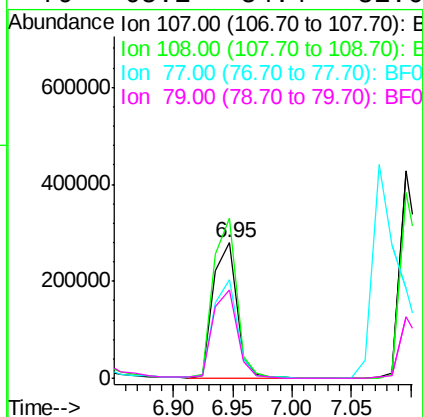
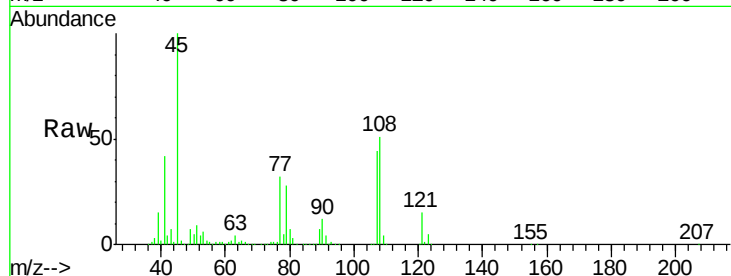
#17
2-Methylphenol
Concen: 33.08 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		380528		
108	117.9	93.8	140.6		
77	72.5	57.4	86.0		
79	65.1	54.4	81.6		

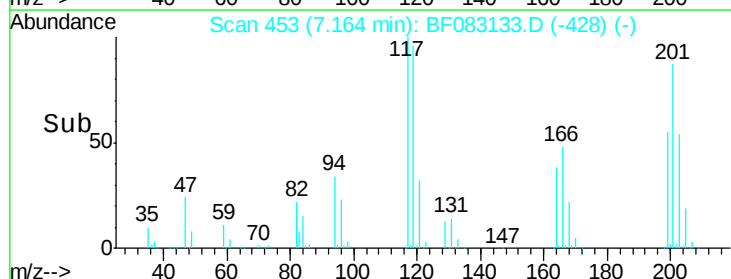
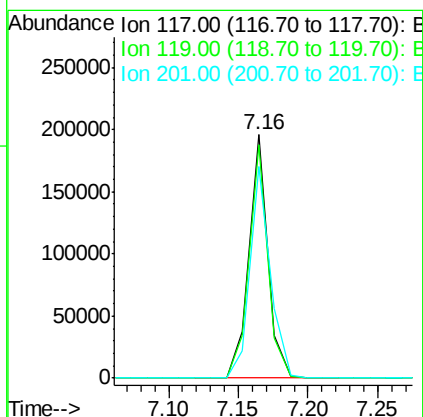
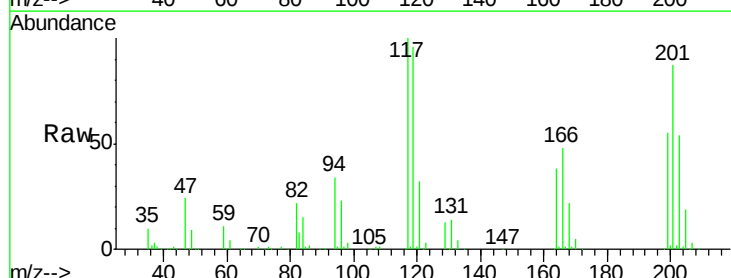
Manual Integrations
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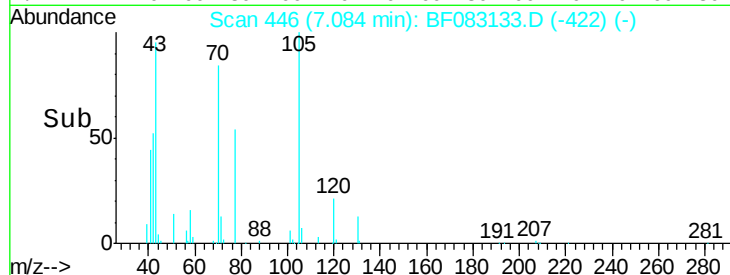
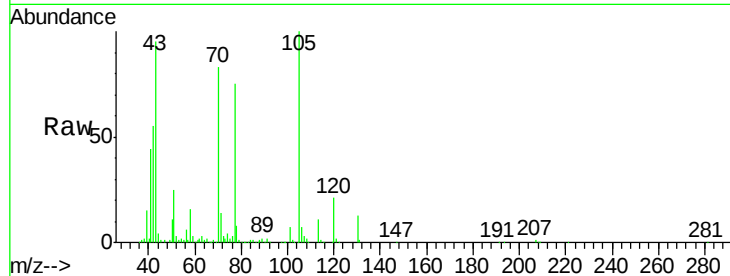
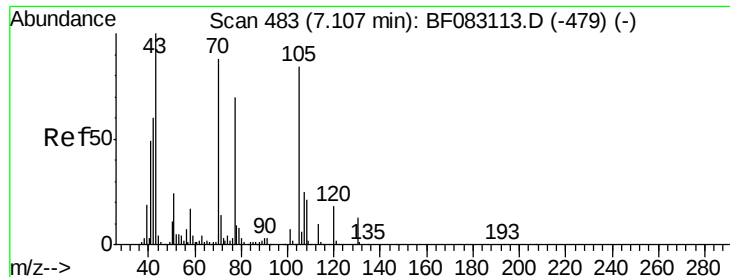
Mmdadoda
11/23/2015 7:01:40 PM



#18
Hexachloroethane
Concen: 32.78 ng m
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		185378		
119	96.0	76.8	115.2		
201	87.0	88.6	133.0#		





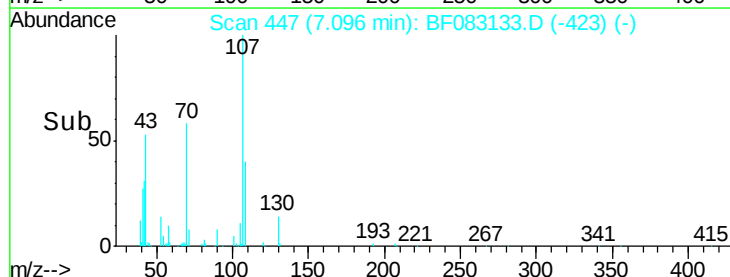
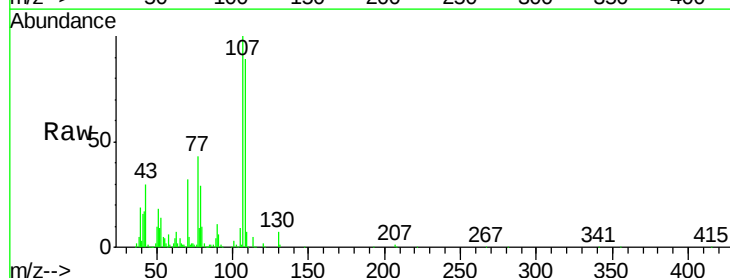
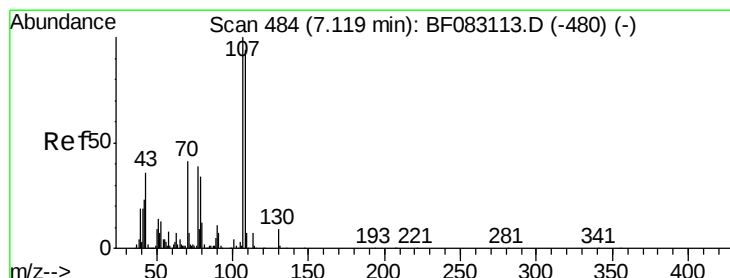
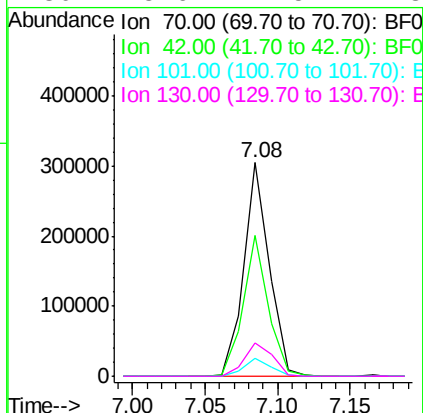
#19
n-Nitroso-di-n-propylamine
Concen: 32.00 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Manual Integrations
APPROVED

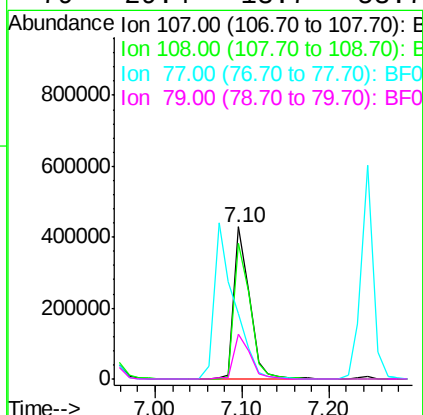
Mmdadoda
11/23/2015 7:01:40 PM

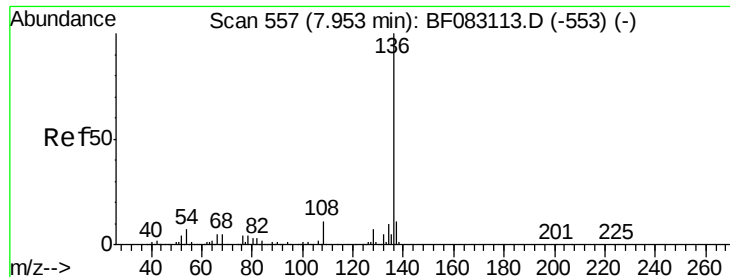
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.2	54.5	81.7		
101	8.3	6.6	9.8		
130	15.6	11.5	17.3		



#20
3+4-Methylphenols
Concen: 35.88 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	73.8	113.8		
77	43.3	19.1	59.1		
79	29.4	13.7	53.7		





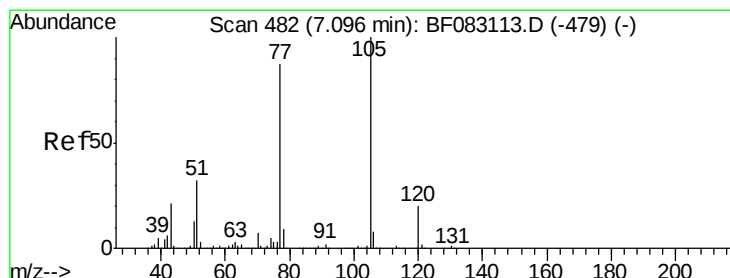
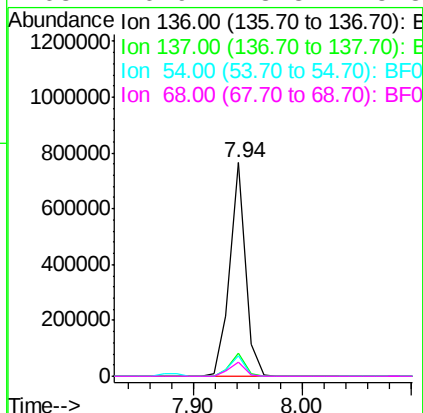
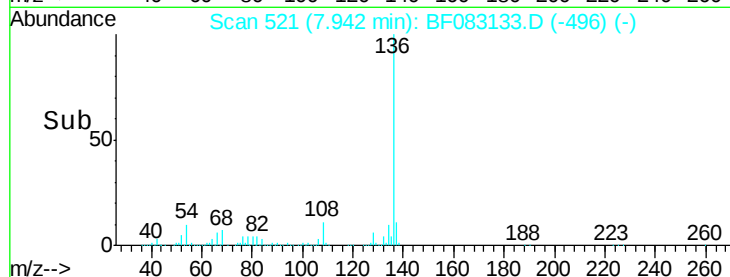
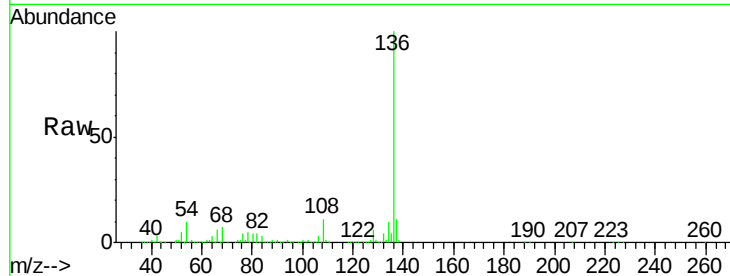
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	5.8	8.6#
68	6.9	3.8	5.8#

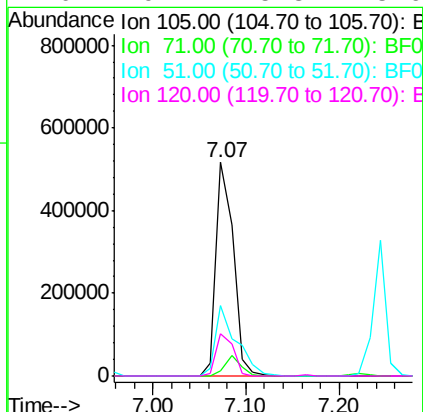
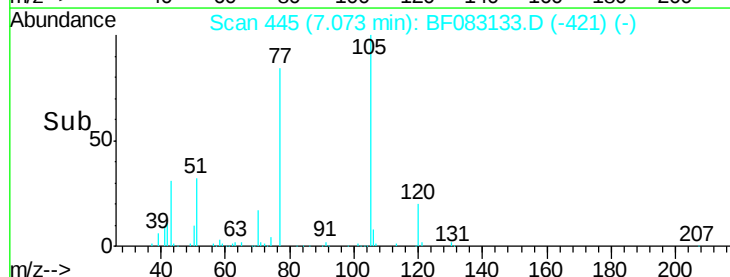
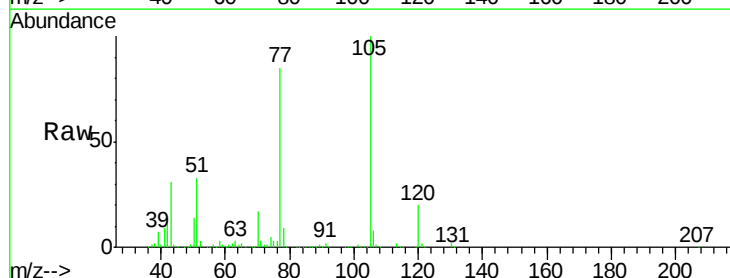
Manual Integrations
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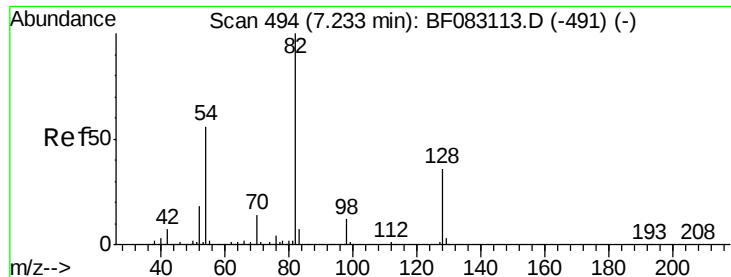
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#22
Acetophenone
Concen: 30.35 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.6	1.0	1.4#
51	32.8	25.6	38.4
120	19.7	15.8	23.6





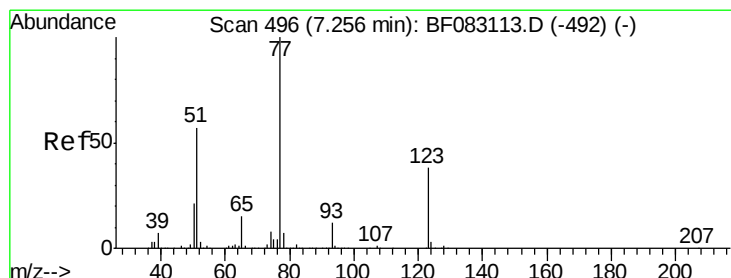
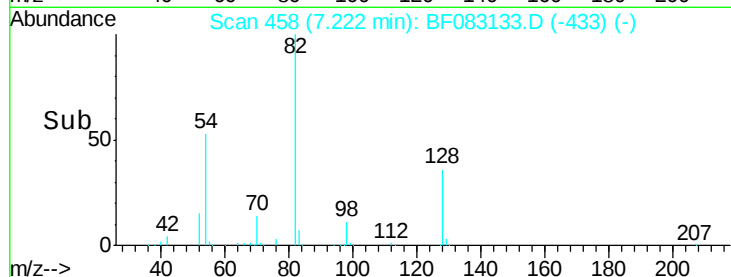
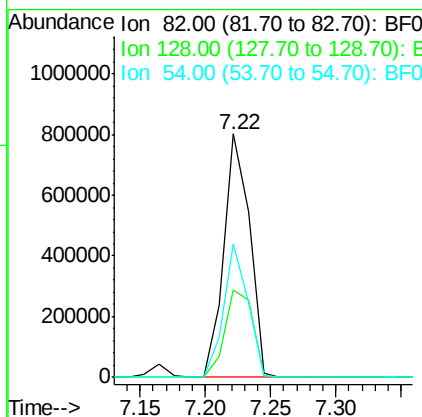
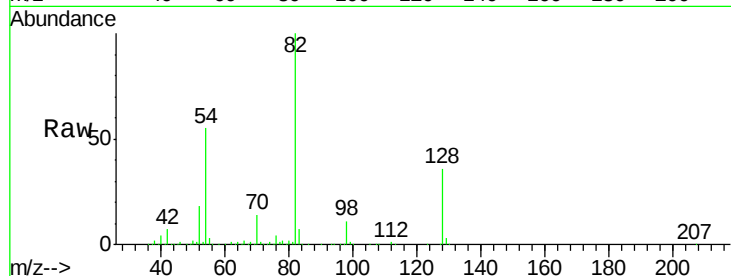
#23
 Nitrobenzene-d5
 Concen: 65.90 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion: 82 Resp: 1100373
 Ion Ratio Lower Upper
 82 100
 128 36.0 28.5 42.7
 54 54.7 44.6 67.0

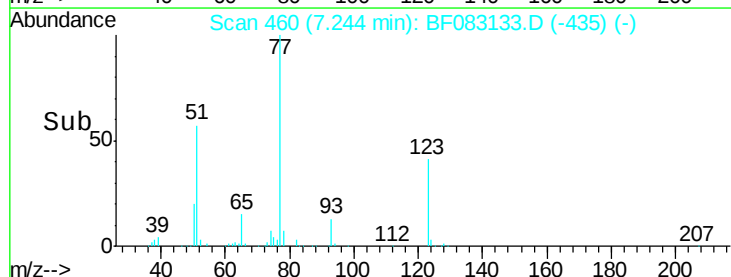
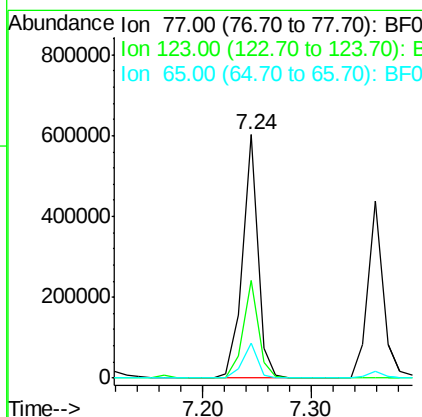
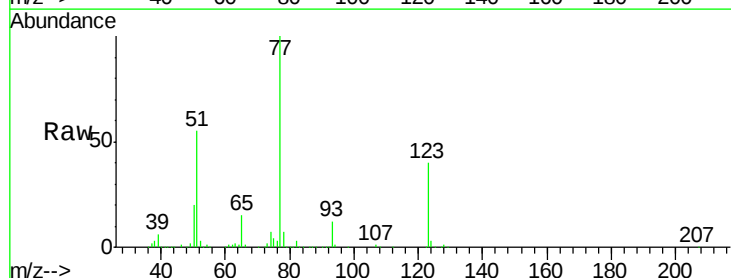
Manual Integrations
 APPROVED

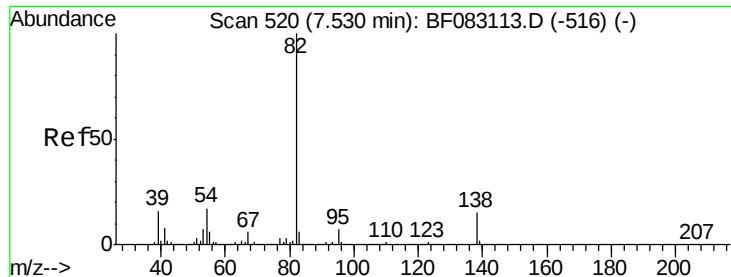
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 11/23/2015 7:01:40 PM



#24
 Nitrobenzene
 Concen: 32.79 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion: 77 Resp: 585038
 Ion Ratio Lower Upper
 77 100
 123 40.1 30.1 45.1
 65 14.5 11.6 17.4





#25

Isophorone

Concen: 32.08 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion: 82 Resp: 1014323

Ion Ratio Lower Upper

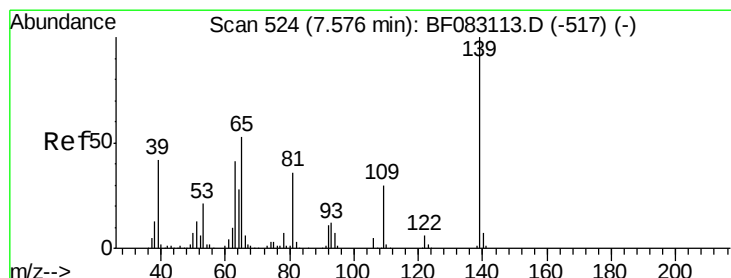
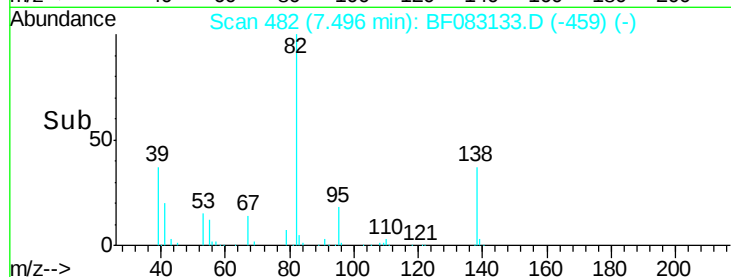
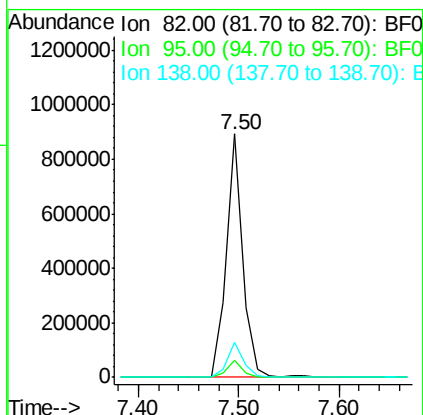
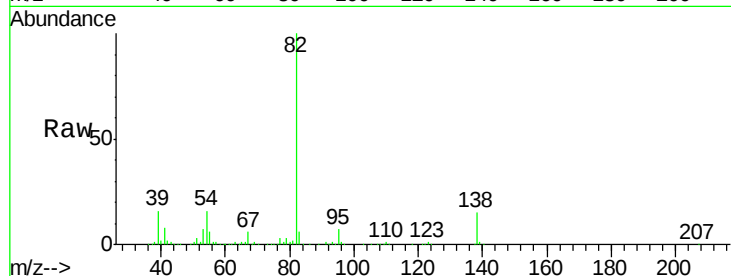
82 100

95 6.9 5.8 8.8

138 14.5 11.6 17.4

Manual Integrations
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11/23/2015 7:01:40 PM



#26

2-Nitrophenol

Concen: 31.85 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

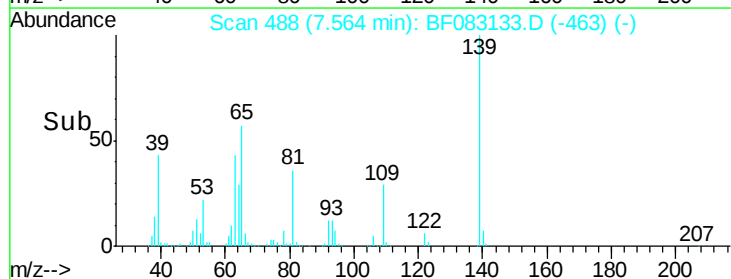
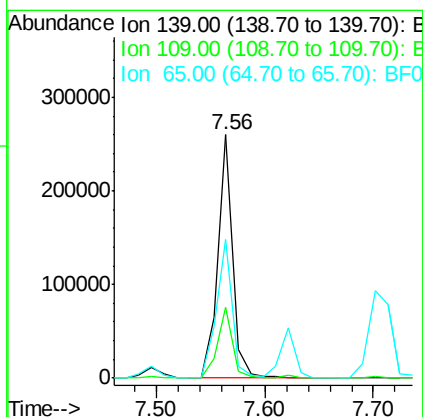
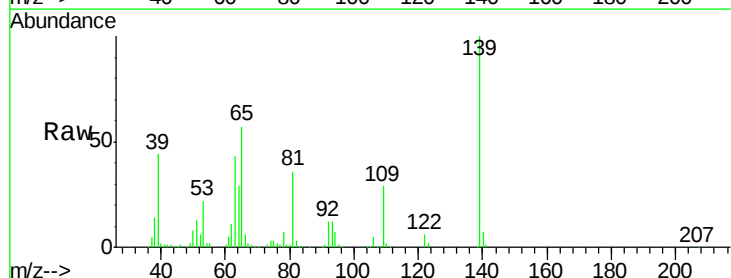
Tgt Ion: 139 Resp: 250872

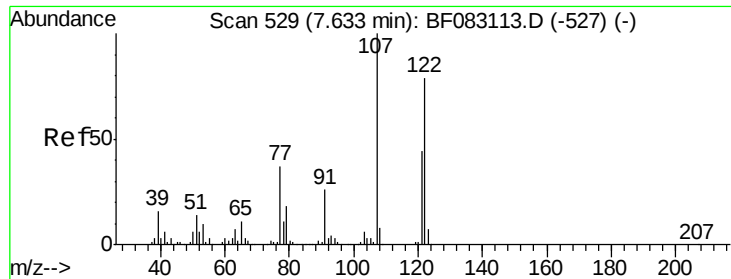
Ion Ratio Lower Upper

139 100

109 29.3 23.9 35.9

65 57.1 42.7 64.1





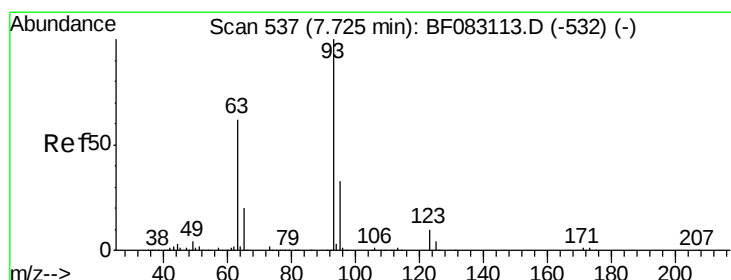
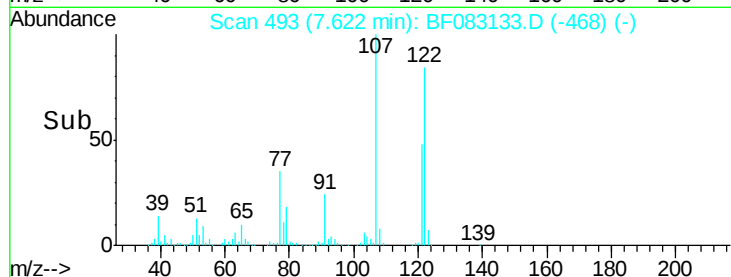
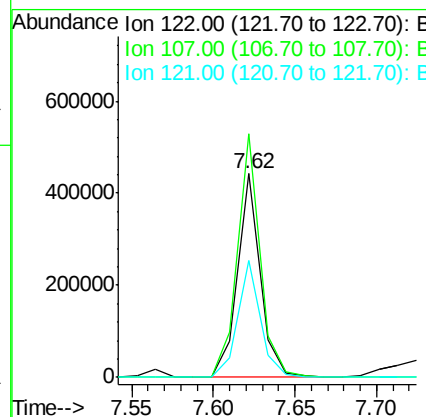
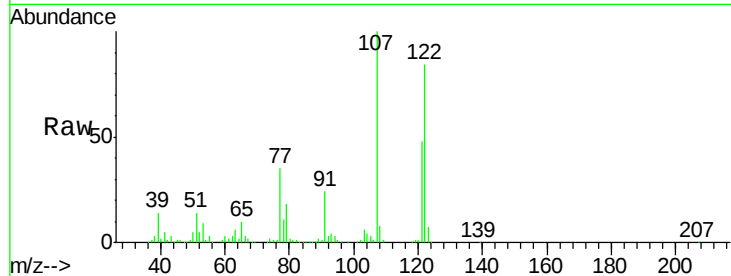
#27
 2,4-Dimethylphenol
 Concen: 33.68 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		423392		
107	119.4	101.1	151.7		
121	57.1	44.9	67.3		

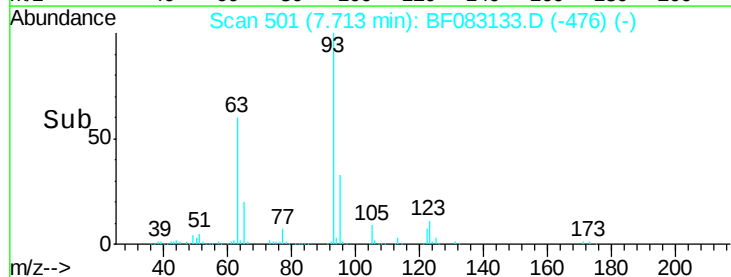
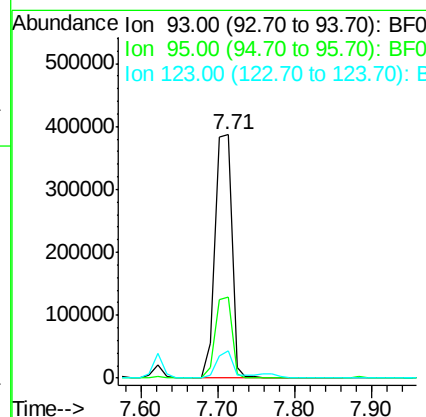
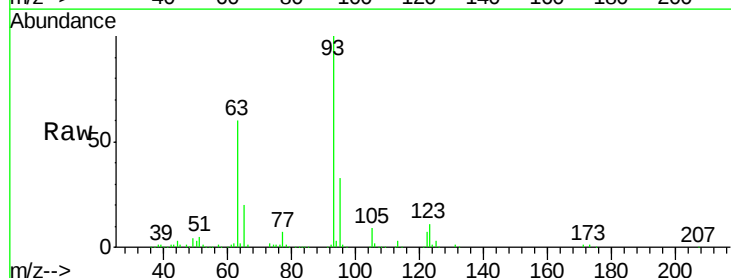
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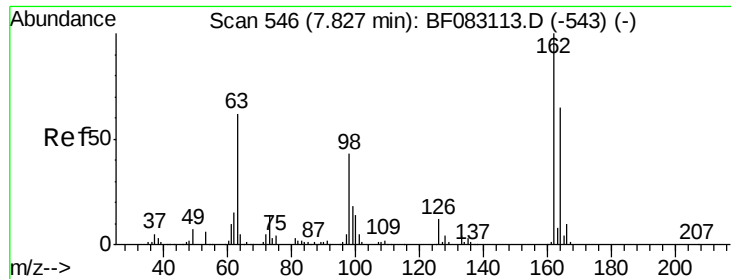
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.87 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		585805		
95	33.1	26.5	39.7		
123	11.4	8.1	12.1		





#29

2,4-Dichlorophenol

Concen: 34.79 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

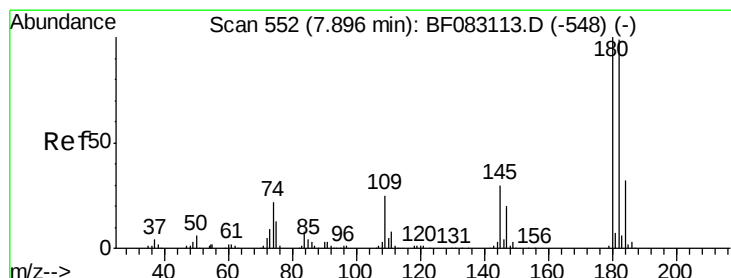
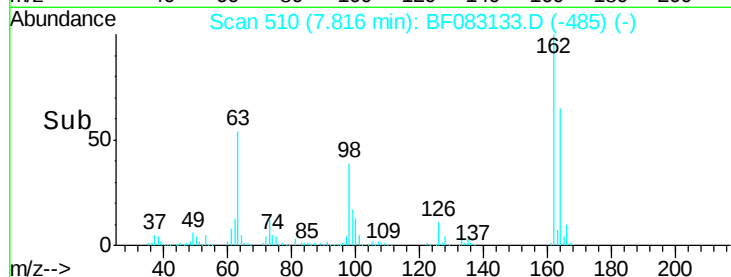
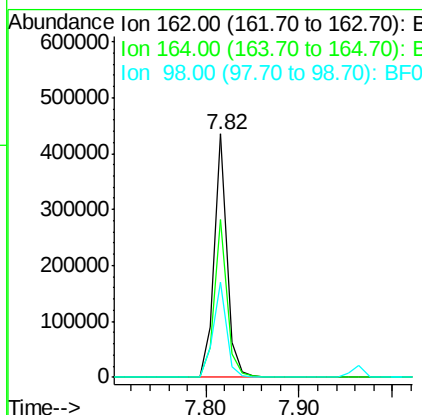
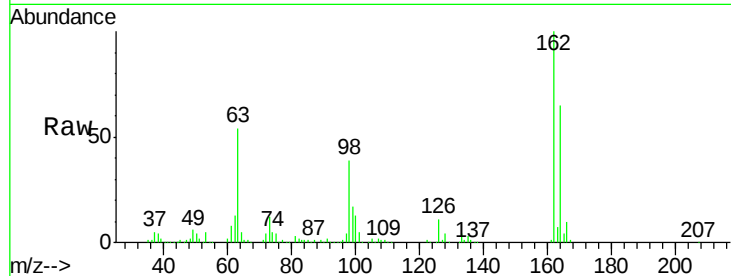
ClientSampleId :

PB86782BS

Tot Ion:	162	Resp:	415965
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.8	84.8
98	38.9	23.1	63.1

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#30

1,2,4-Trichlorobenzene

Concen: 30.82 ng

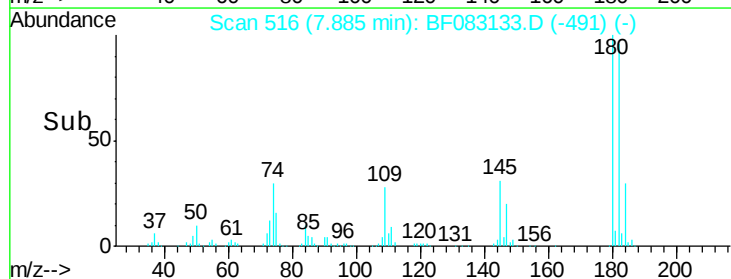
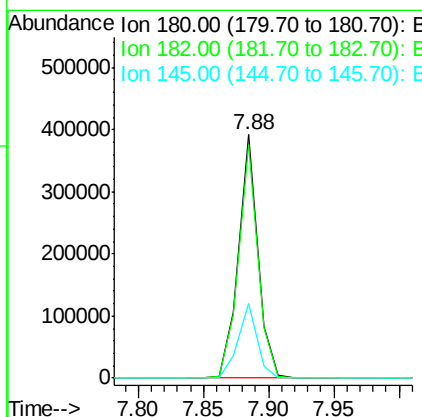
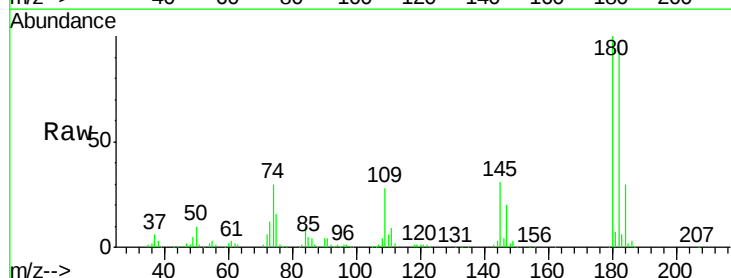
RT: 7.88 min Scan# 516

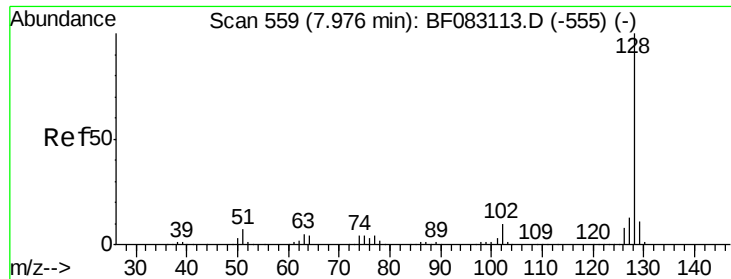
Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	180	Resp:	404766
Ion Ratio	Lower	Upper	
180	100		
182	95.8	79.0	118.6
145	30.9	24.2	36.2





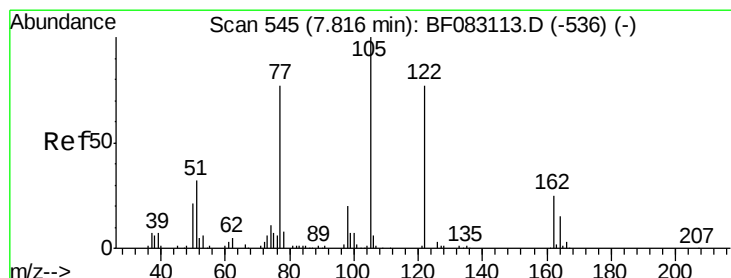
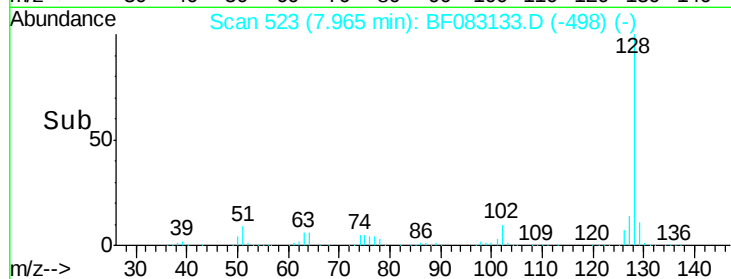
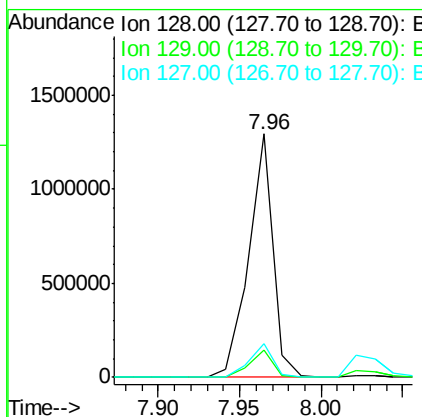
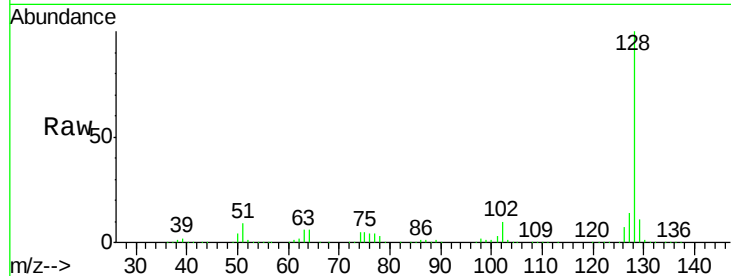
#31
Naphthalene
Concen: 32.39 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion:128 Resp: 1333732
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 10.6 15.8

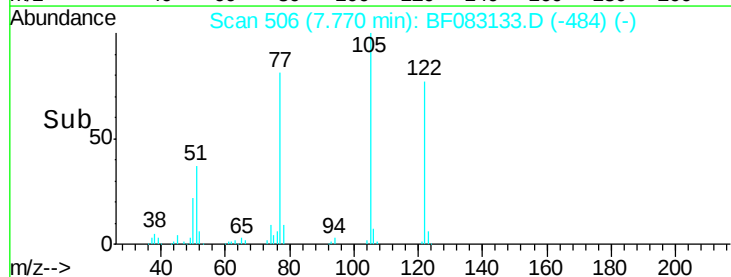
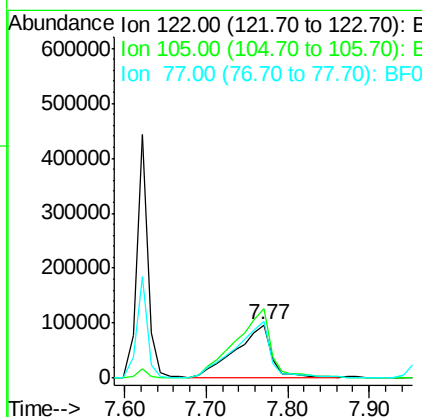
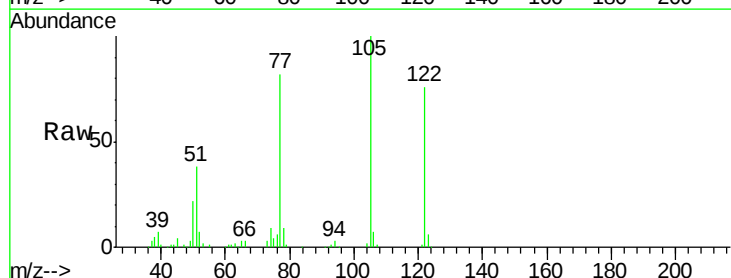
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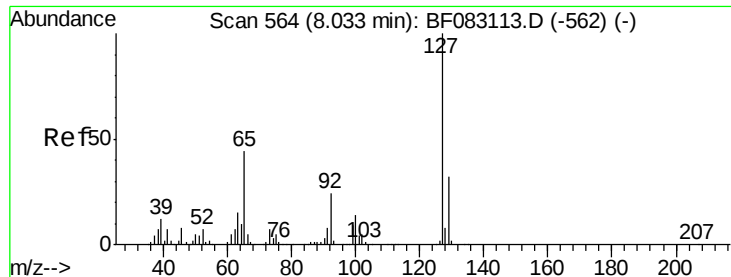
Mmdadoda
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#32
Benzoic acid
Concen: 29.85 ng
RT: 7.77 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion:122 Resp: 291700
Ion Ratio Lower Upper
122 100
105 130.9 109.7 149.7
77 107.9 79.7 119.7





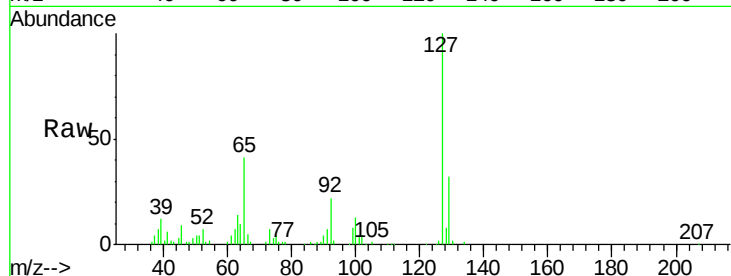
#33
4-Chloroaniline
Concen: 11.79 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

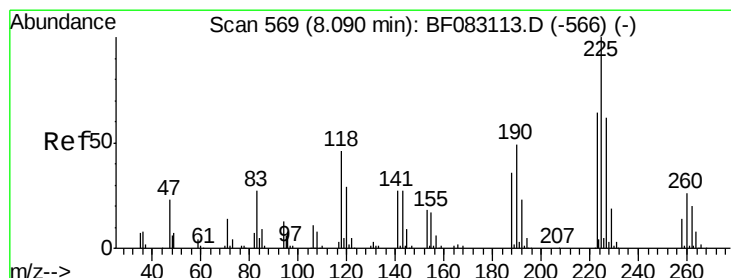
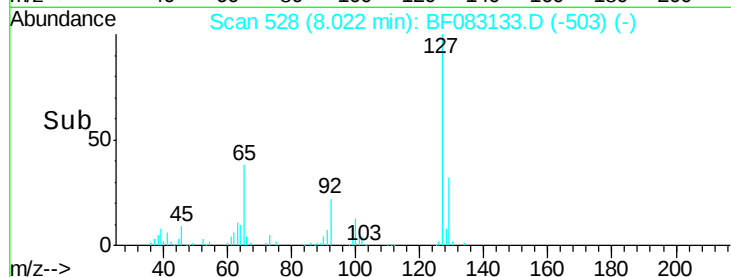
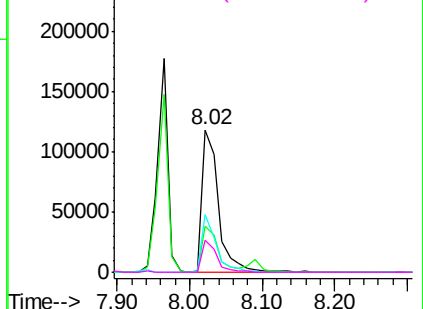
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.7	38.5		
65	40.7	35.5	53.3		
92	22.4	19.4	29.2		

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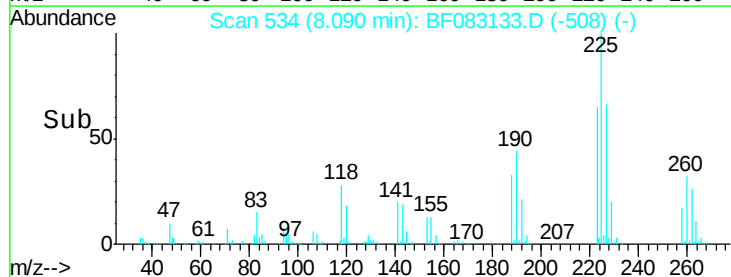
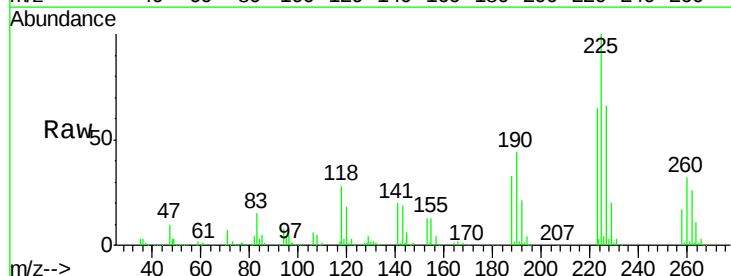
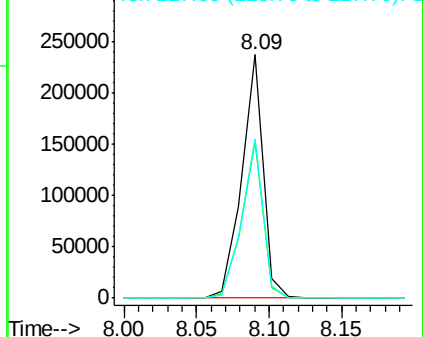
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

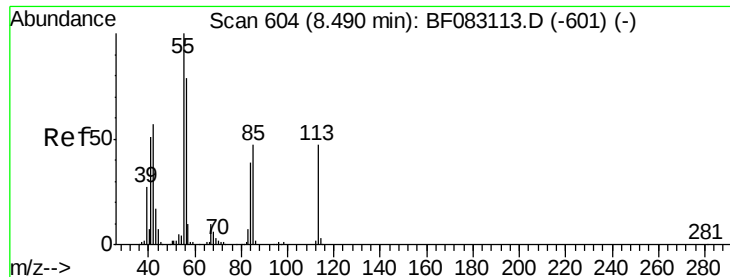


#34
Hexachlorobutadiene
Concen: 31.16 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	51.3	76.9		
227	65.6	49.8	74.8		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.44 ng/mL

RT: 8.42 min Scan# 563

Delta R.T. -0.07 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

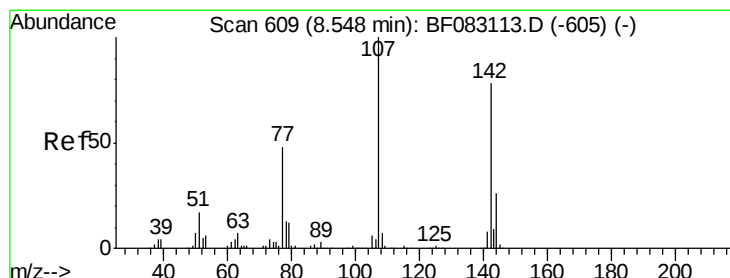
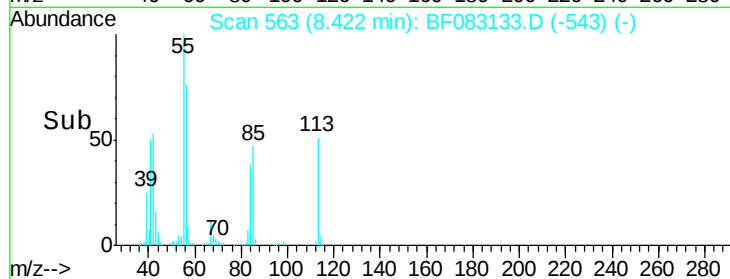
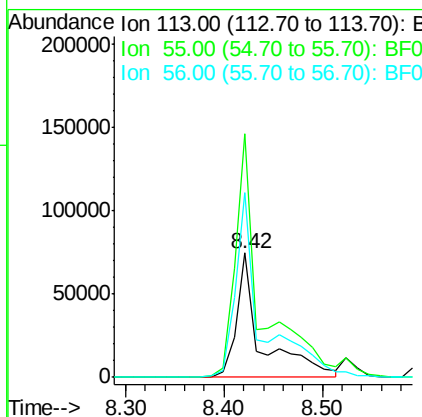
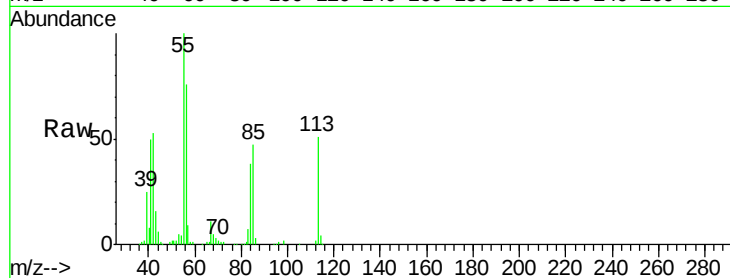
ClientSampleID :

PB86782BS

Tot Ion:	113	Resp:	131943
Ion Ratio	Lower	Upper	
113	100		
55	196.0	192.6	232.6
56	148.4	148.6	188.6

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#36

4-Chloro-3-methylphenol

Concen: 31.98 ng/mL

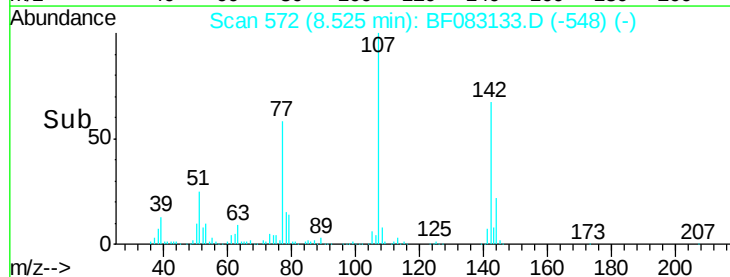
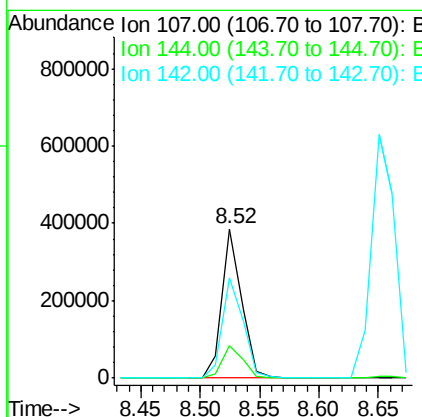
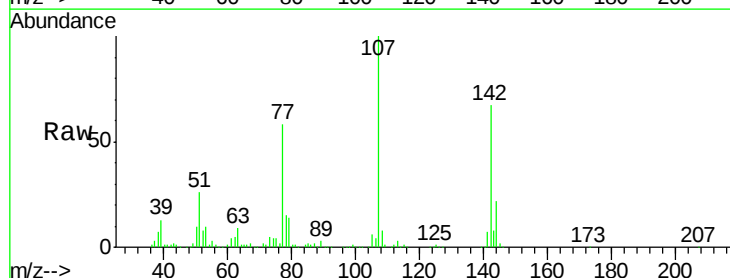
RT: 8.52 min Scan# 572

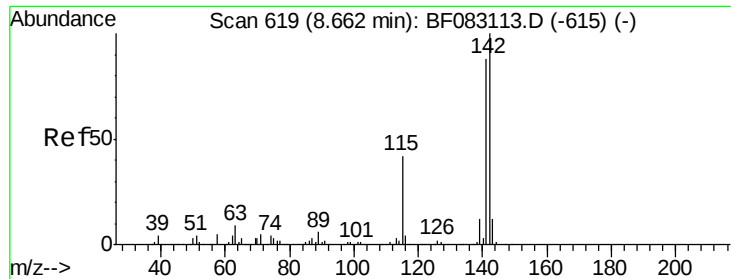
Delta R.T. -0.02 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	107	Resp:	442885
Ion Ratio	Lower	Upper	
107	100		
144	21.9	20.8	31.2
142	67.1	62.1	93.1





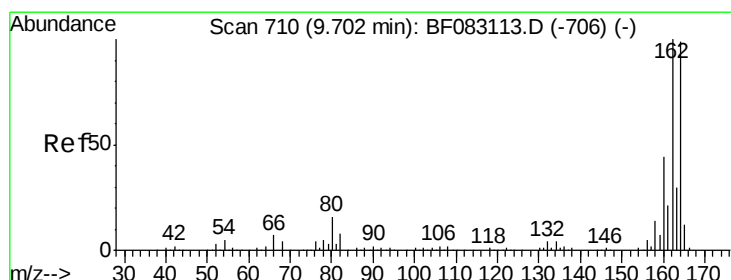
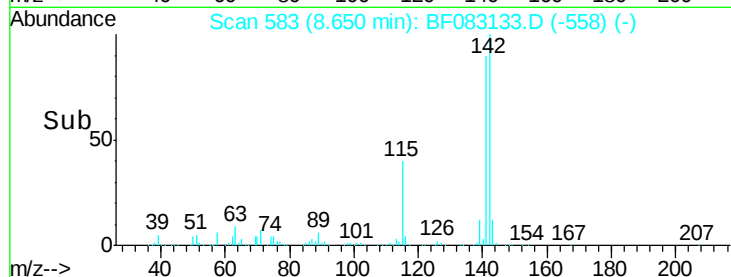
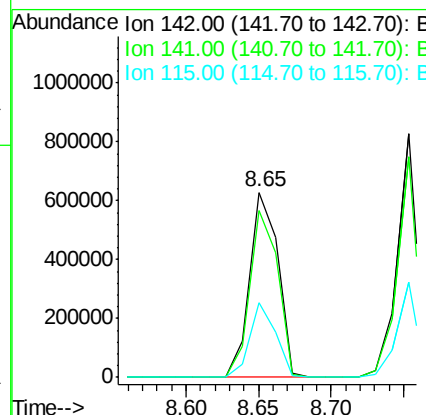
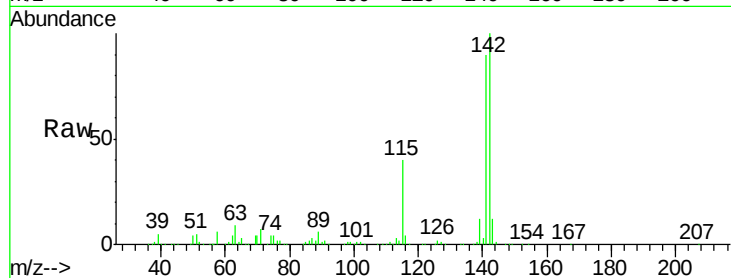
#37
2-Methylnaphthalene
Concen: 31.94 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5
115	40.1	33.4	50.2

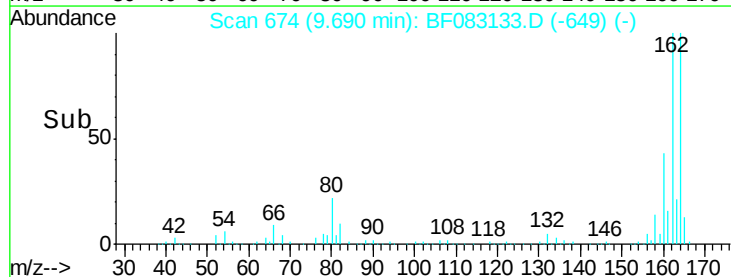
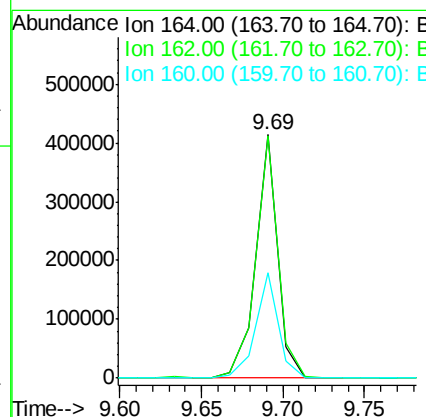
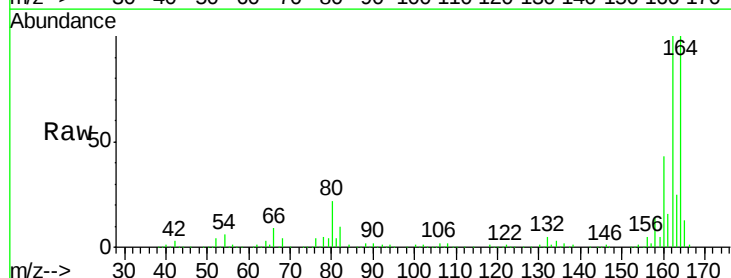
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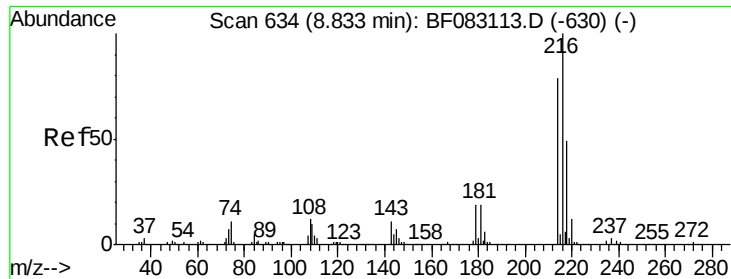
Mmdadoda
11/23/2015 7:01:40 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.2	121.8
160	43.2	35.6	53.4





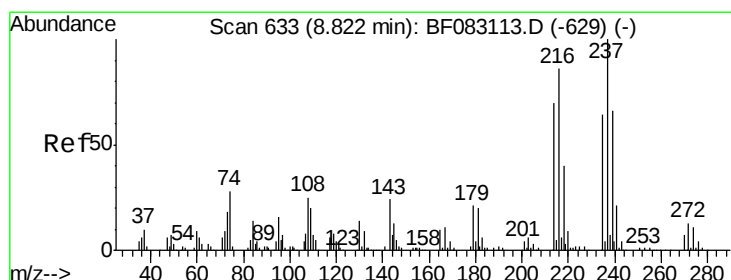
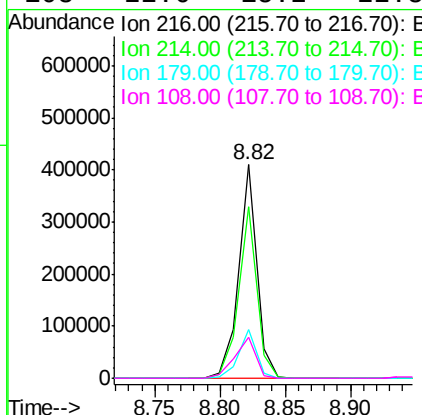
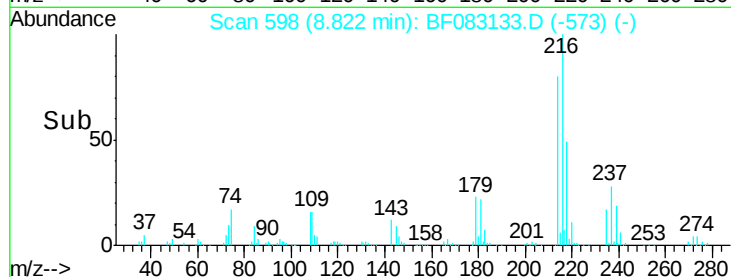
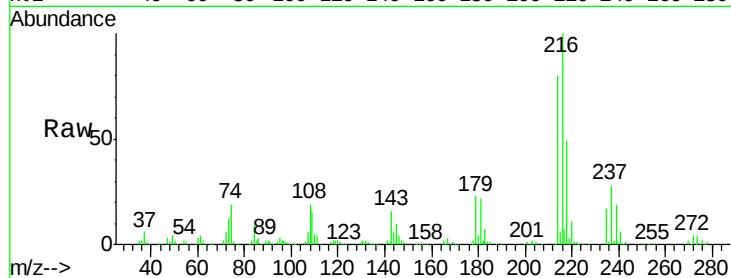
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.34 ng
 RT: 8.82 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		393659		
214	80.8		63.8	95.8	
179	22.0		17.0	25.6	
108	22.6		15.2	22.8	

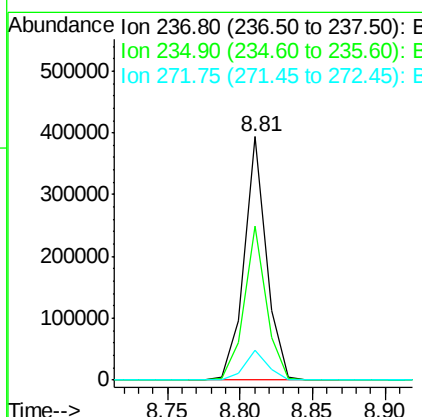
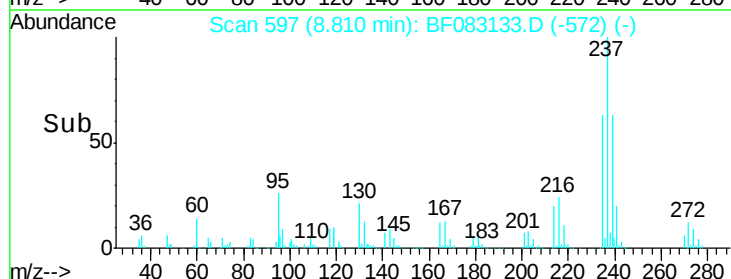
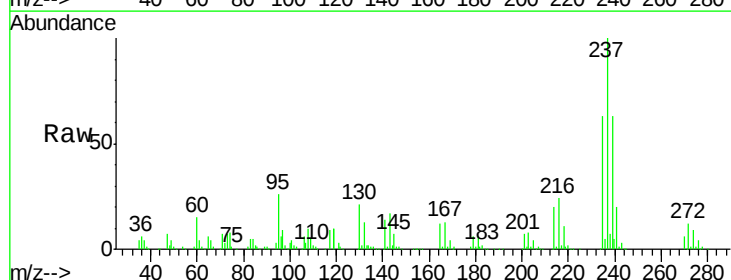
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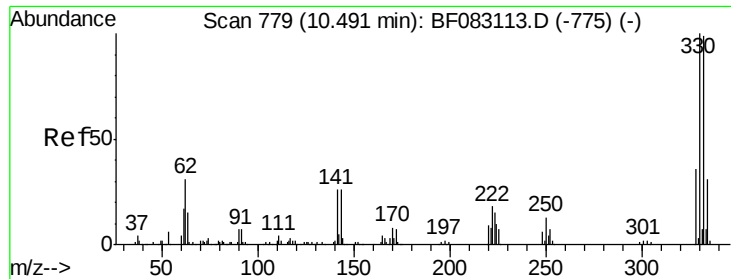
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#40
 Hexachlorocyclopentadiene
 Concen: 58.82 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		420127		
235	63.3		43.5	83.5	
272	12.4		0.0	33.1	





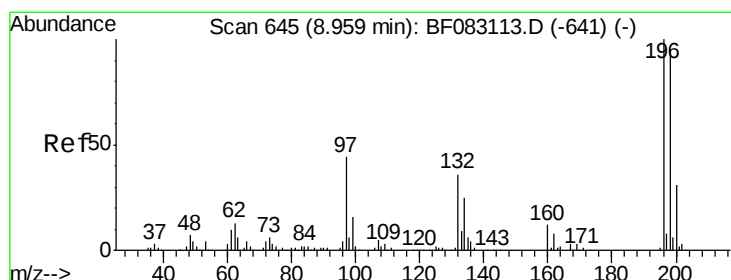
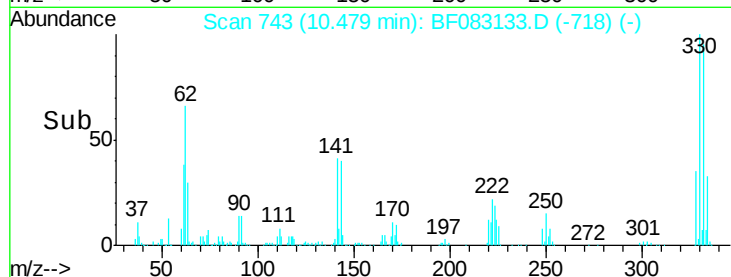
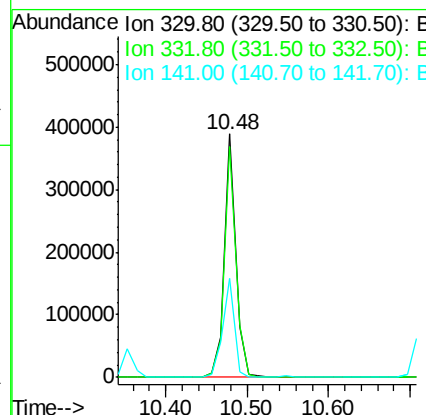
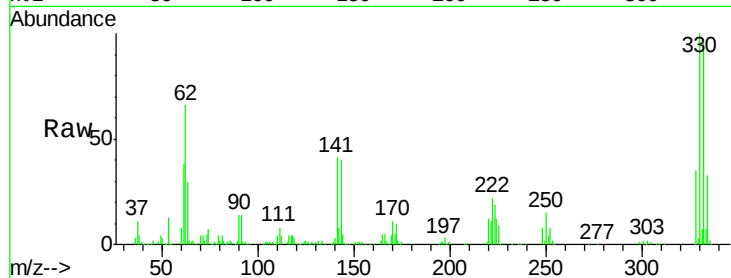
#41
 2,4,6-Tribromophenol
 Concen: 95.43 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.7	116.5	
141	41.6	29.7	44.5	

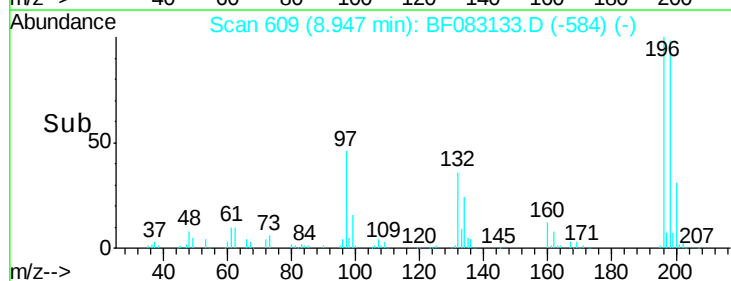
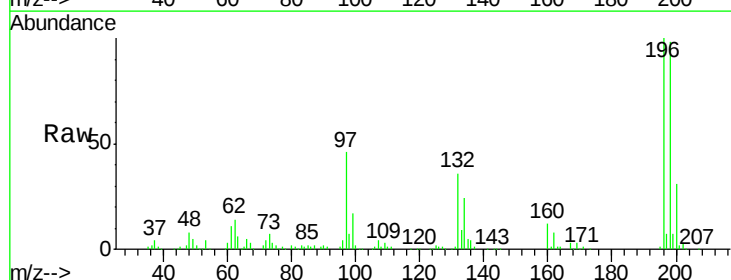
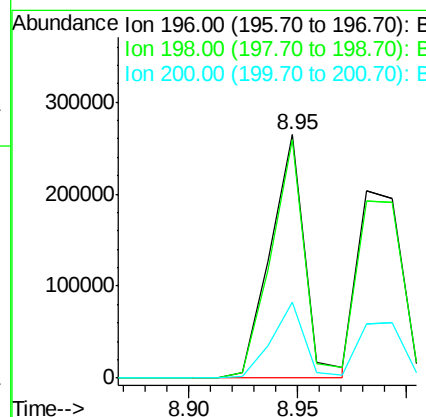
Manual Integrations
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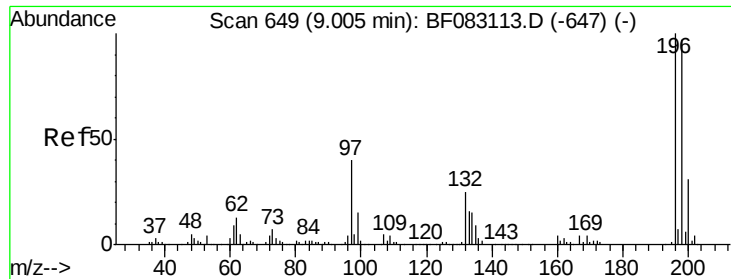
Mmdadoda
 11/23/2015 7:01:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.50 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

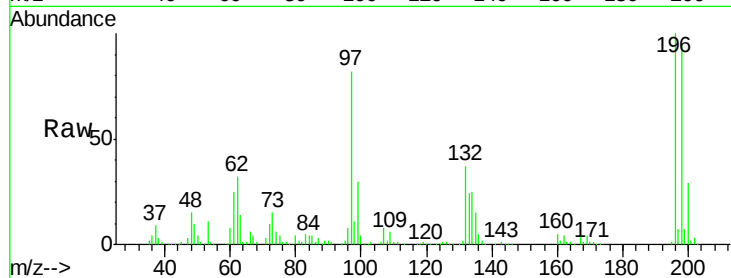
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	75.9	113.9	
200	31.4	24.5	36.7	





#43
2,4,5-Trichlorophenol
Concen: 31.50 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

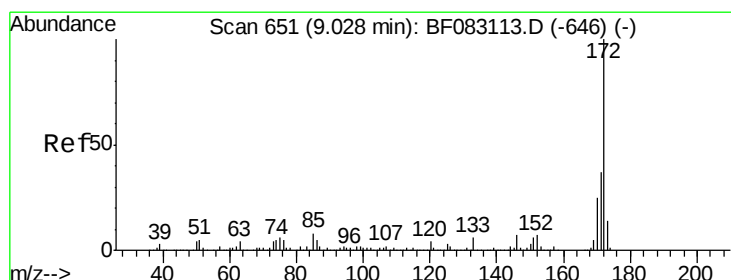
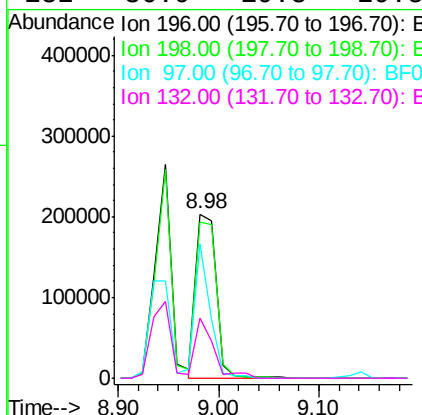
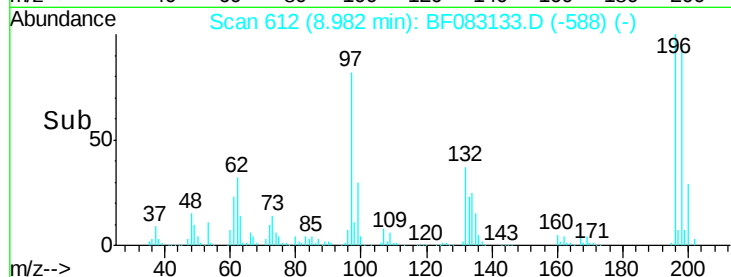
Instrument :
BNA_F
ClientSampleId :
PB86782BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	289724		
198	94.8	77.6	116.4	
97	82.0	32.6	48.8	#
132	36.9	19.8	29.8	#

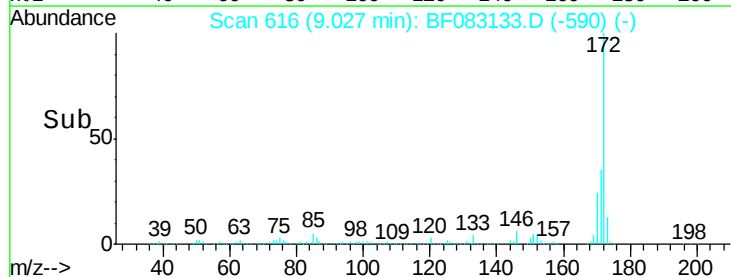
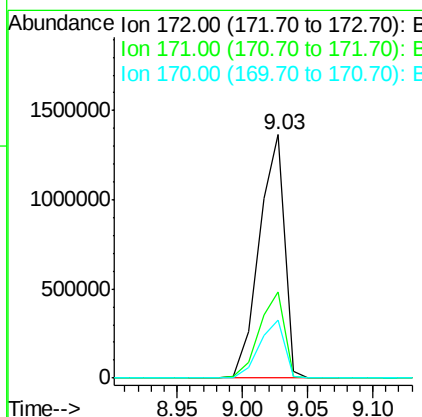
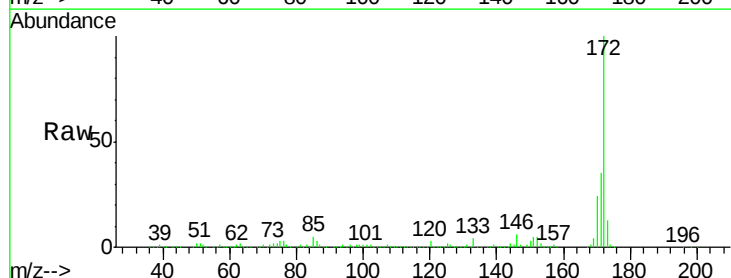
Manual Integrations
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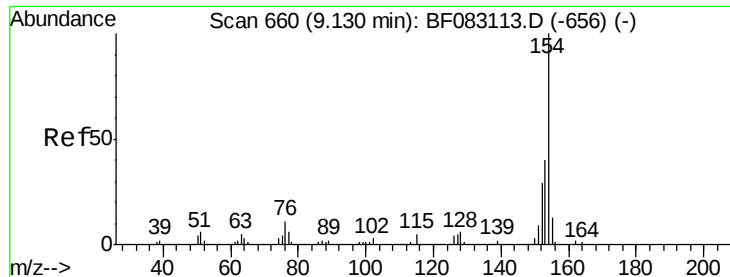
Mmdadoda
11/23/2015 7:01:40 PM



#44
2-Fluorobiphenyl
Concen: 66.41 ng
RT: 9.03 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1845560		
171	35.2	29.5	44.3	
170	23.8	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 31.63 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:154 Resp: 1043144

Ion Ratio Lower Upper

154 100

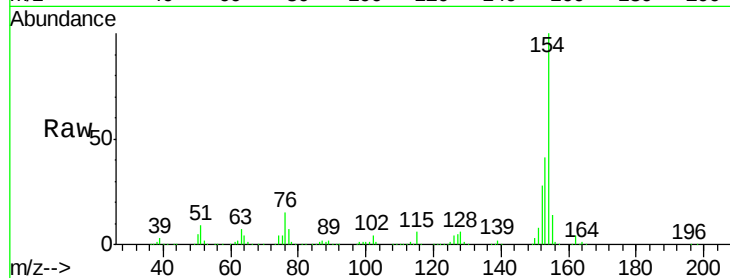
153 40.5 20.5 60.5

76 14.8 0.0 31.2

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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

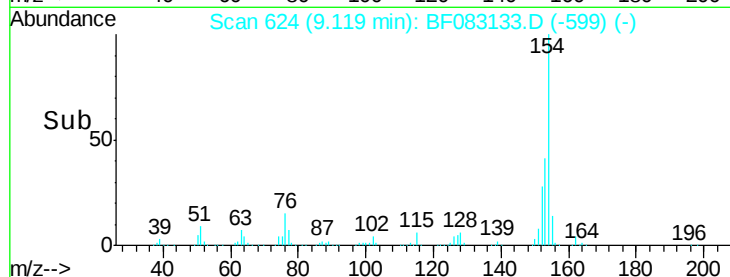
1500000

1000000

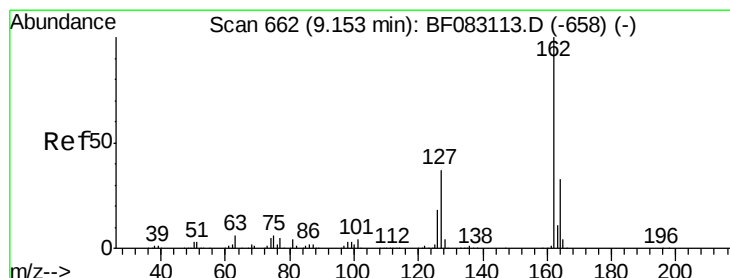
500000

0

9.05 9.10 9.15 9.20



Time-->



#46

2-Chloronaphthalene

Concen: 33.32 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

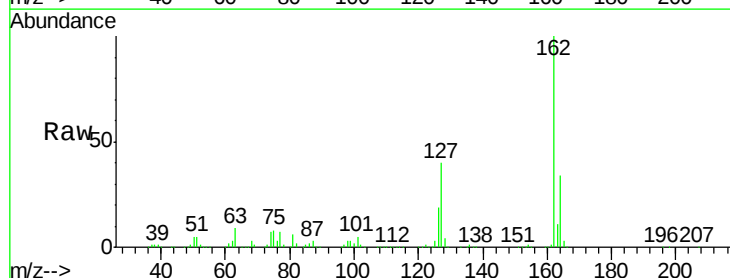
Tgt Ion:162 Resp: 863274

Ion Ratio Lower Upper

162 100

127 39.9 29.4 44.2

164 33.8 26.2 39.4



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

1200000

1000000

800000

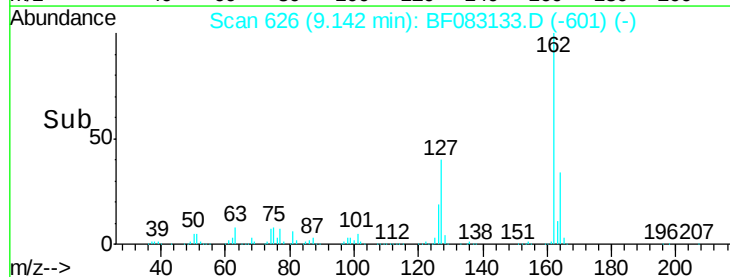
600000

400000

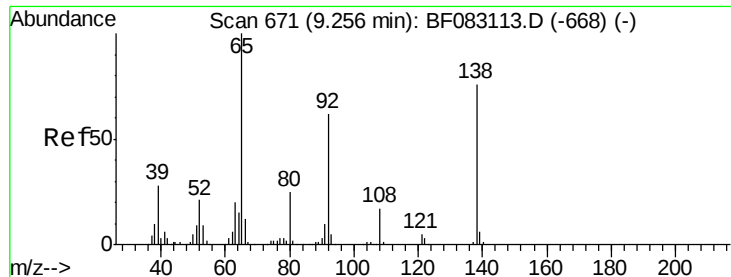
200000

0

9.05 9.10 9.15 9.20 9.25



Time-->



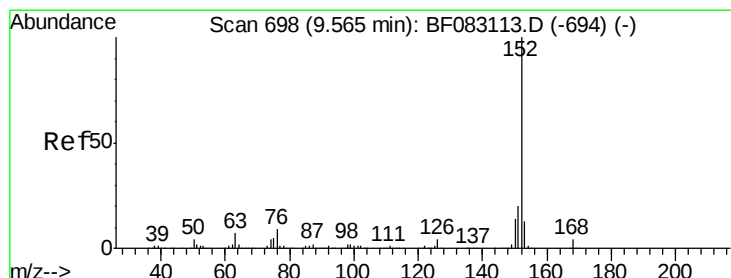
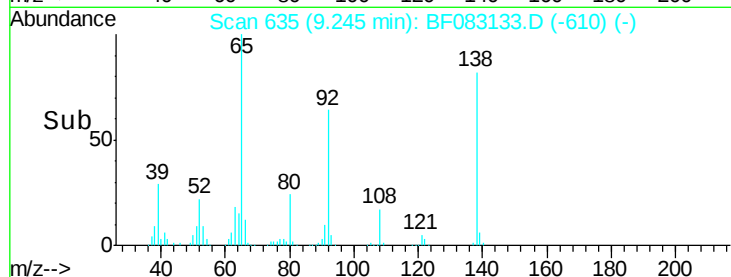
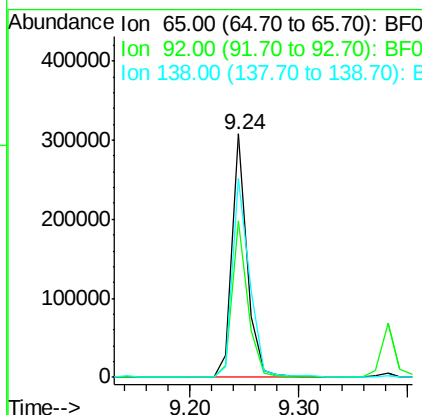
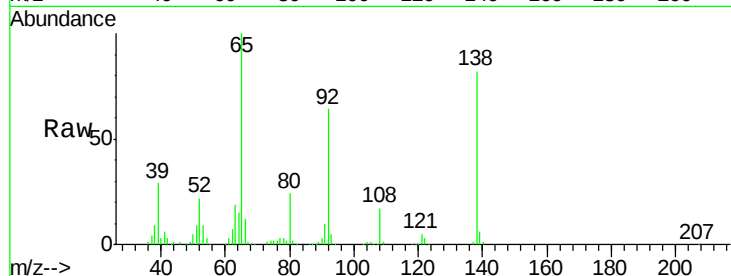
#47
2-Nitroaniline
Concen: 32.15 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	49.5	74.3
138	81.8	60.7	91.1

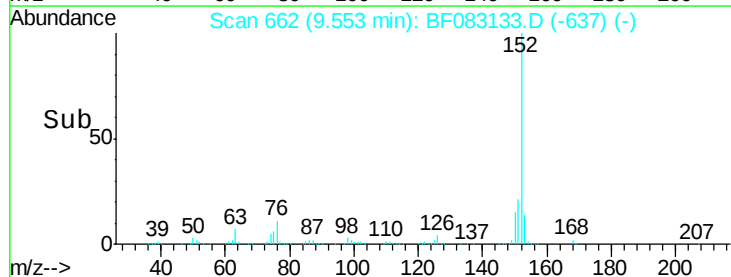
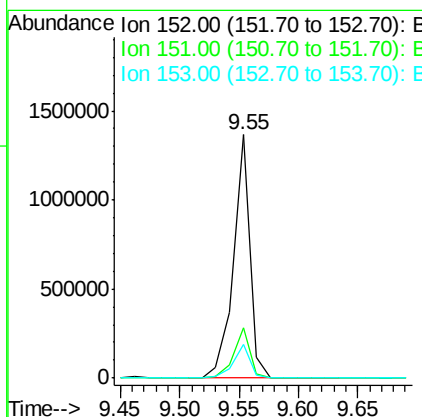
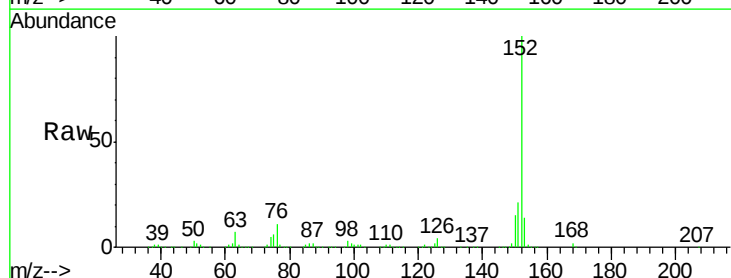
Manual Integrations
APPROVED

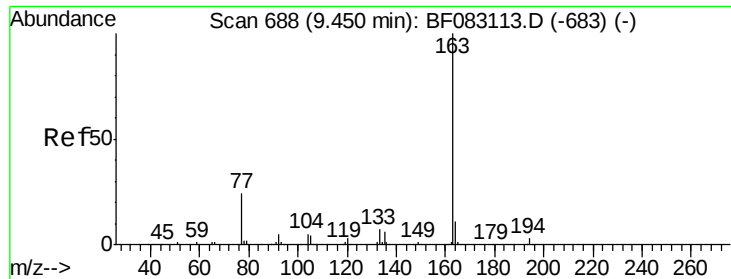
Mmdadoda
11/23/2015 7:01:40 PM



#48
Acenaphthylene
Concen: 32.89 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.6	10.8	16.2





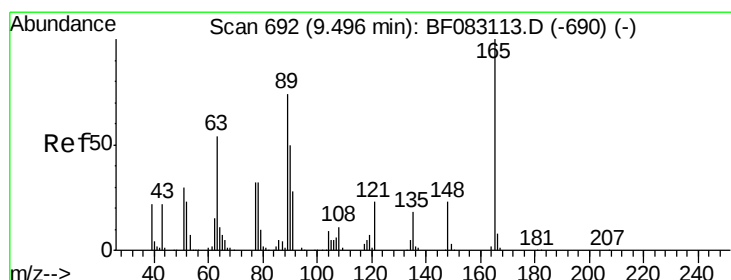
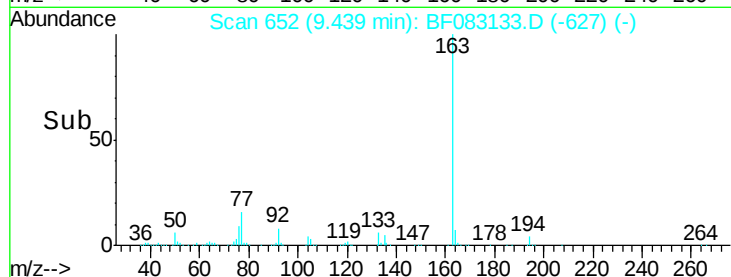
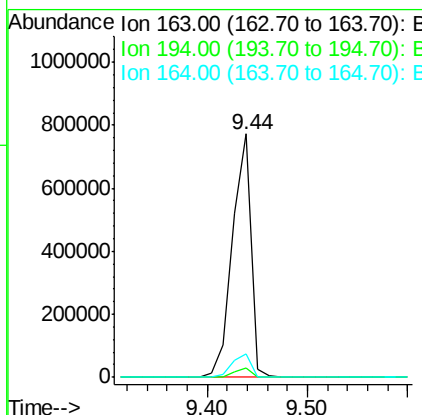
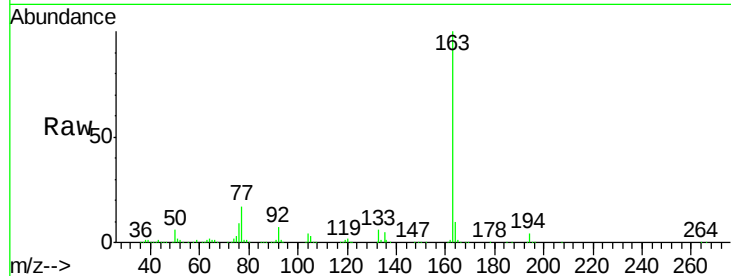
#49
Dimethylphthalate
Concen: 33.23 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.0	2.6	4.0#		
164	9.7	8.6	12.8		

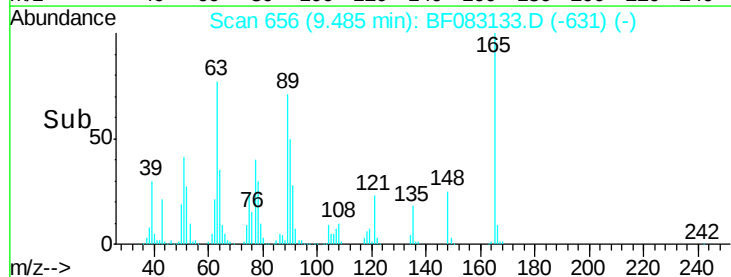
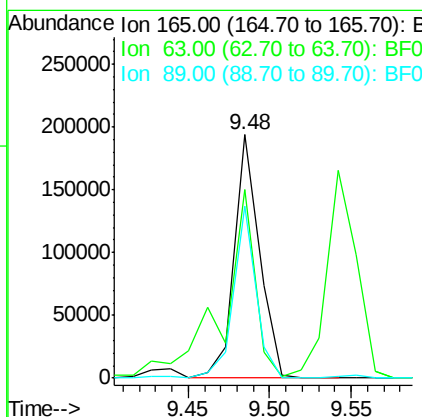
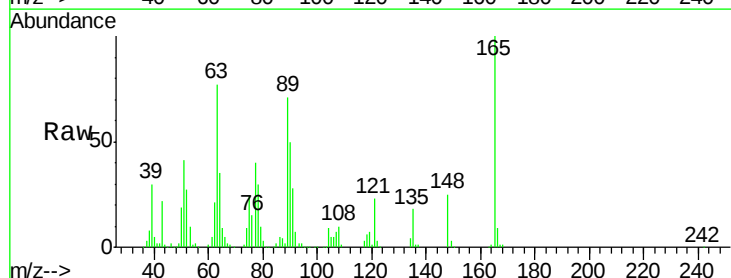
Manual Integrations
APPROVED

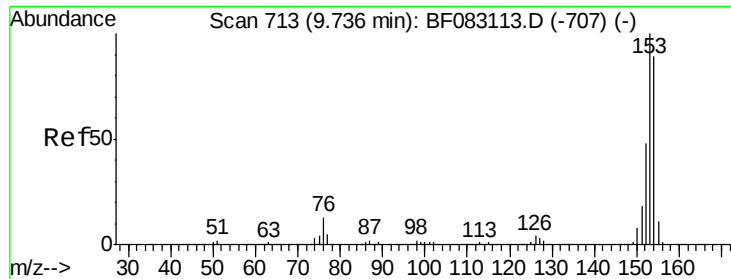
Mmdadoda
11/23/2015 7:01:40 PM



#50
2,6-Dinitrotoluene
Concen: 30.67 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	77.4	62.5	93.7		
89	70.5	59.1	88.7		





#51

Acenaphthene

Concen: 32.92 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

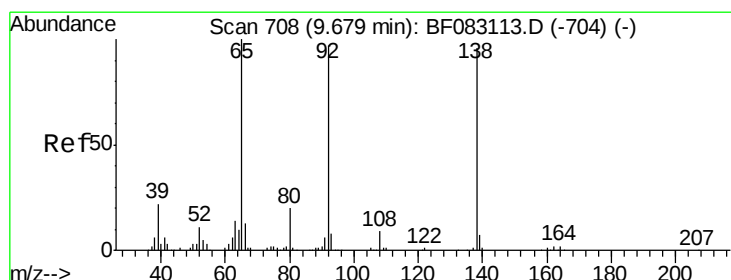
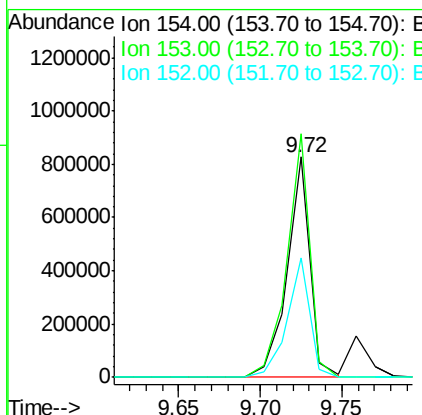
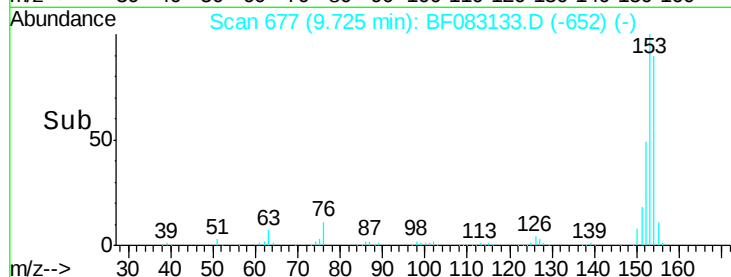
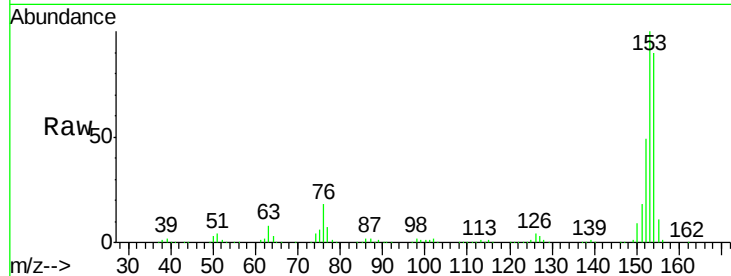
ClientSampleId :

PB86782BS

Tot Ion:	154	Resp:	804291
Ion Ratio	Lower	Upper	
154	100		
153	110.7	89.6	134.4
152	54.1	43.3	64.9

Manual Integrations
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Mmdadoda
11/23/2015 7:01:40 PM



#52

3-Nitroaniline

Concen: 14.46 ng

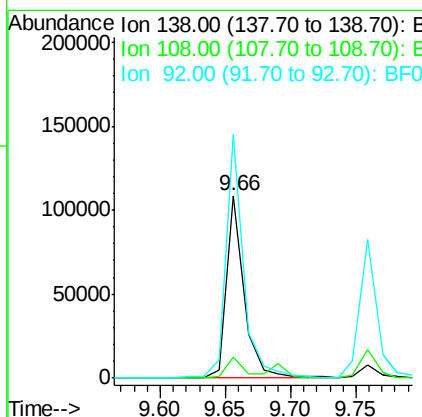
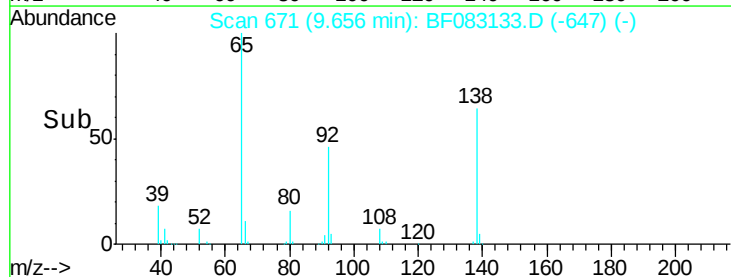
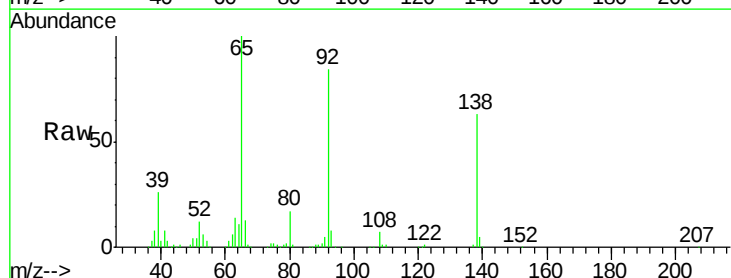
RT: 9.66 min Scan# 671

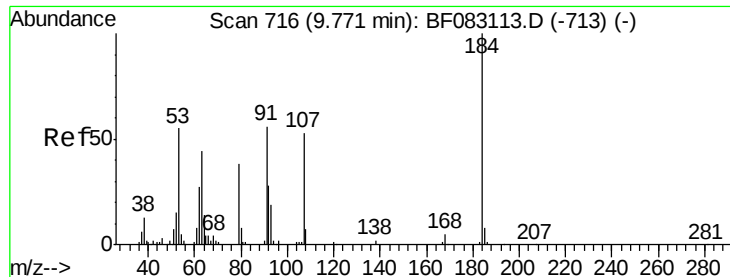
Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	138	Resp:	103229
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	133.3	81.1	121.7#





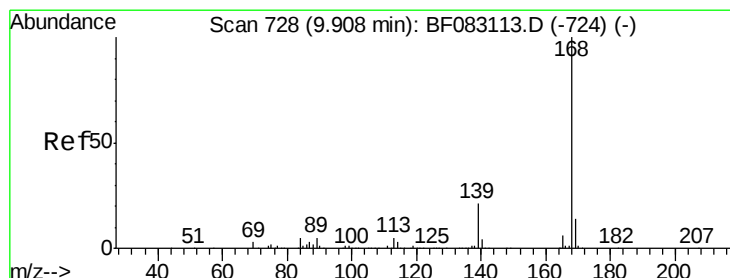
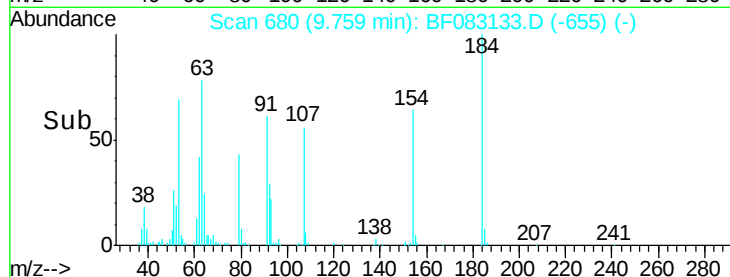
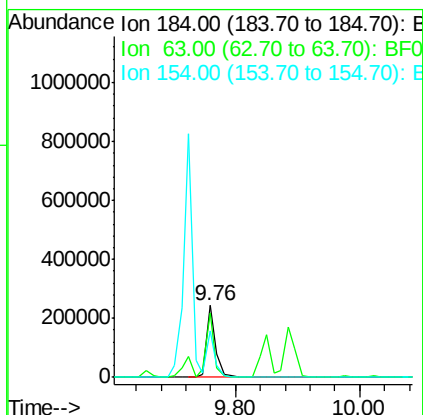
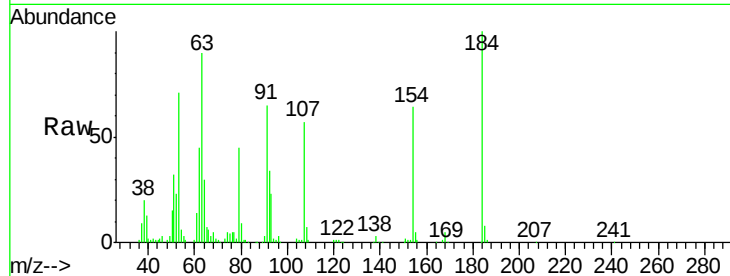
#53
2,4-Dinitrophenol
Concen: 64.73 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	249649		
63	89.9	60.5	90.7	
154	64.4	54.3	81.5	

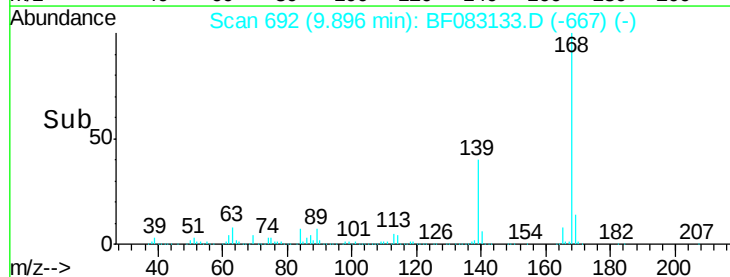
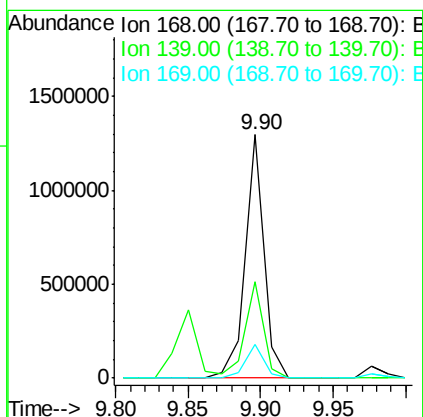
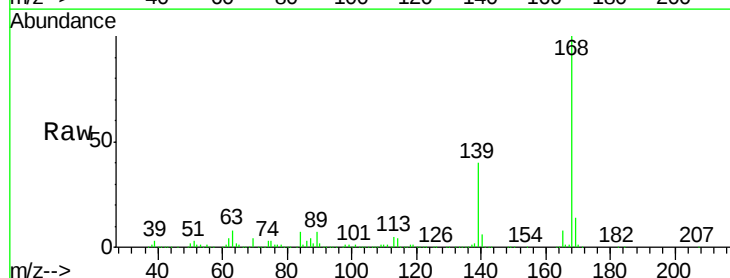
Manual Integrations
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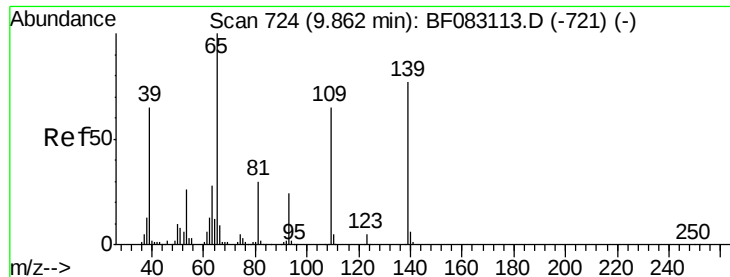
Mmdadoda
11/23/2015 7:01:40 PM



#54
Dibenzofuran
Concen: 33.74 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1165692		
139	39.7	30.2	45.2	
169	13.9	10.9	16.3	





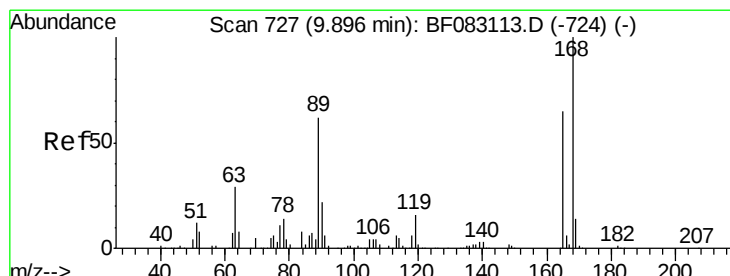
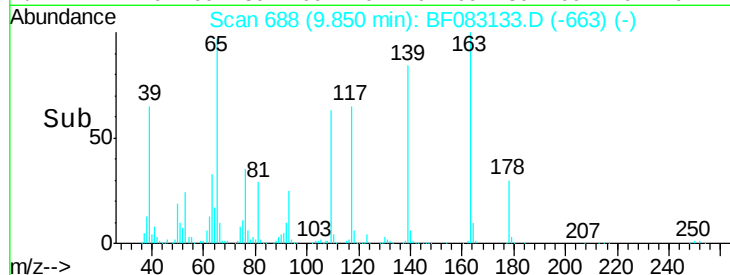
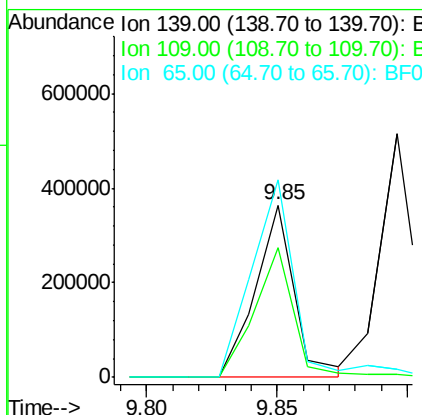
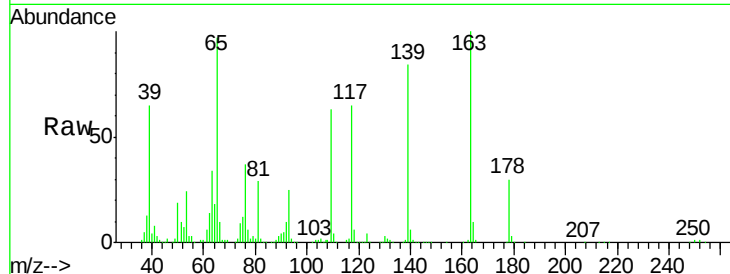
#55
4-Nitrophenol
Concen: 69.30 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.0	64.0	104.0	
65	114.5	109.5	149.5	

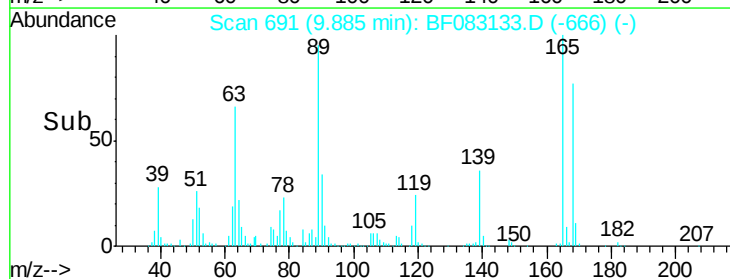
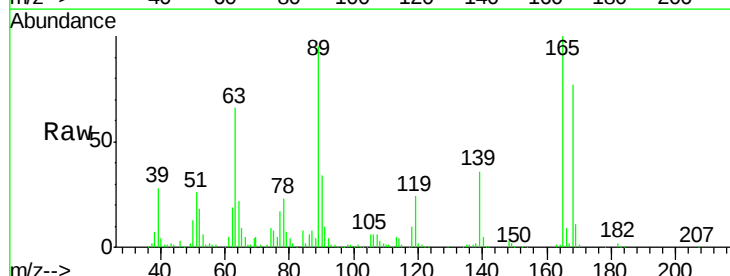
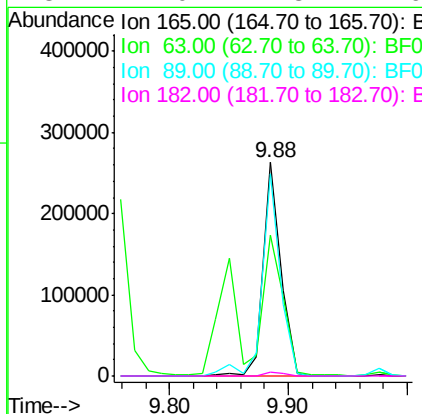
Manual Integrations
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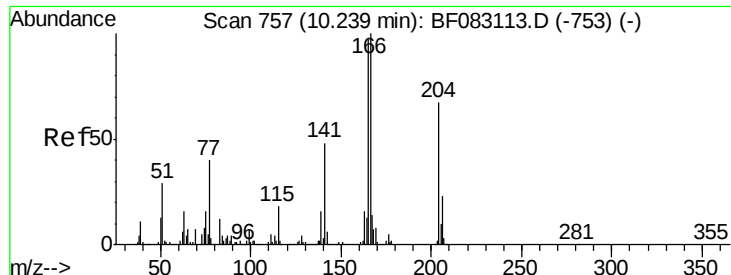
Mmdadoda
11/23/2015 7:01:40 PM



#56
2,4-Dinitrotoluene
Concen: 32.52 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.6	54.5	81.7	
89	95.0	77.3	115.9	
182	2.0	1.8	2.6	





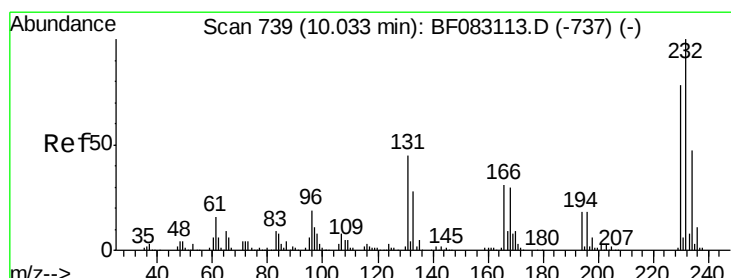
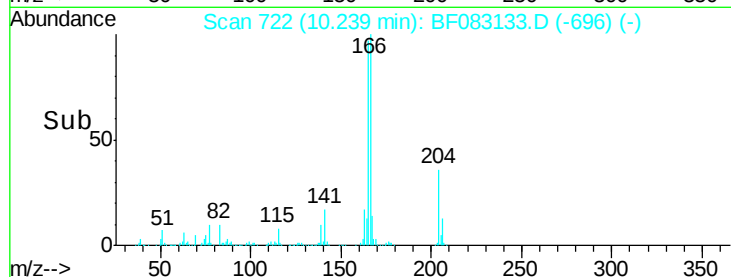
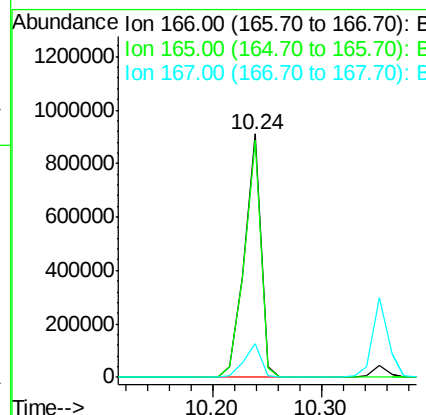
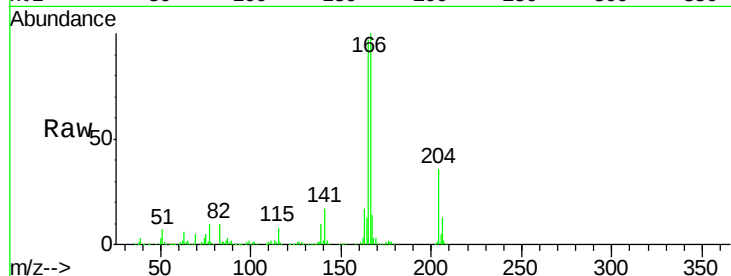
#57
Fluorene
 Concen: 32.94 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.0	117.0
167	13.7	11.3	16.9

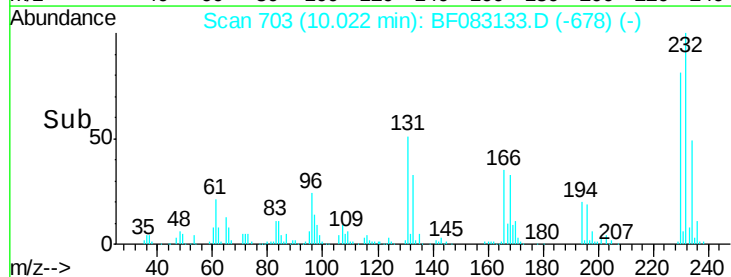
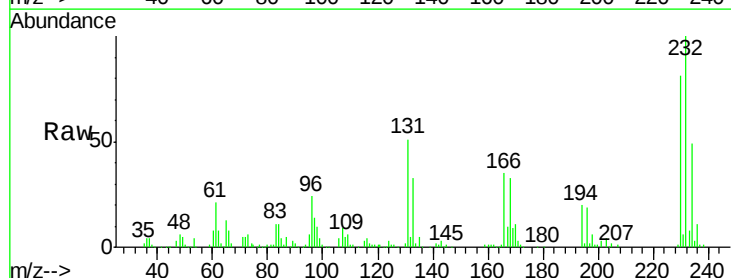
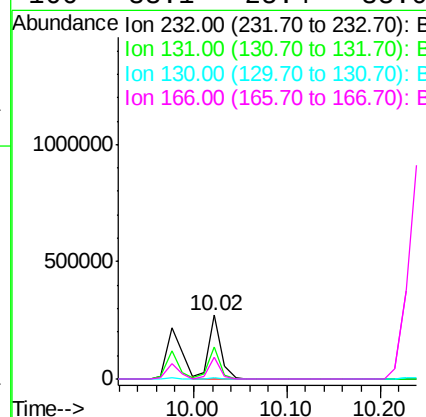
Manual Integrations
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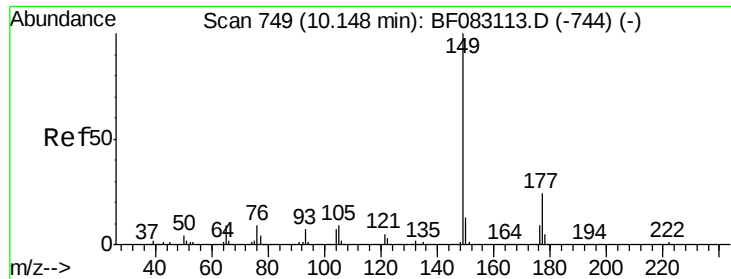
Mmdadoda
 11/23/2015 7:01:40 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.12 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.6	57.8
130	2.3	1.9	2.9
166	33.1	25.4	38.0





#59

Diethylphthalate

Concen: 32.29 ng

RT: 10.12 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

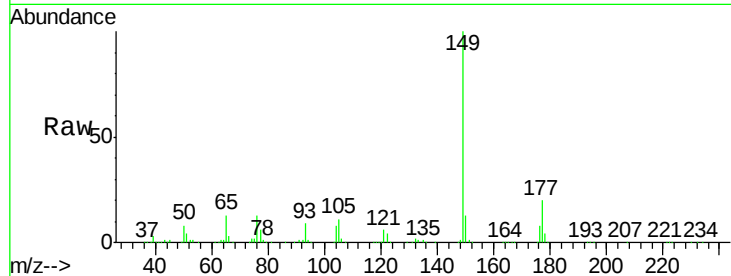
ClientSampleId :

PB86782BS

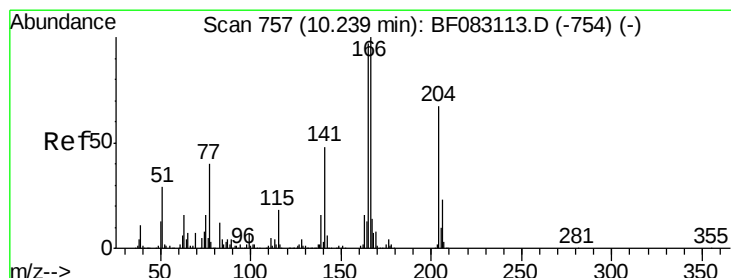
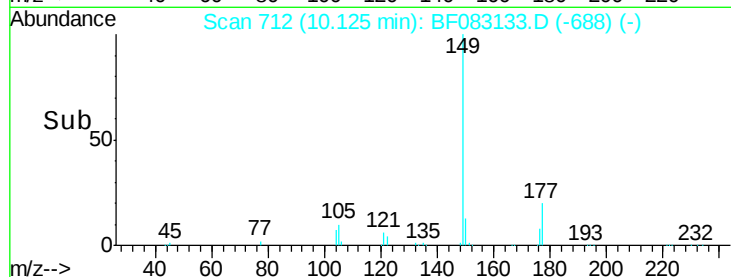
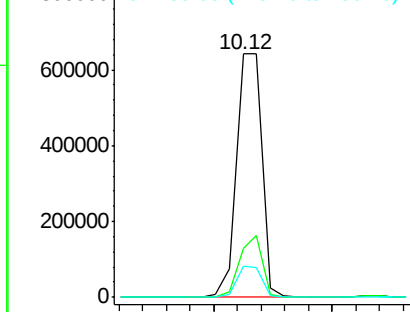
Tot Ion:	149	Resp:	958994
Ion Ratio	Lower	Upper	
149	100		
177	20.4	19.4	29.2
150	12.7	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 32.57 ng

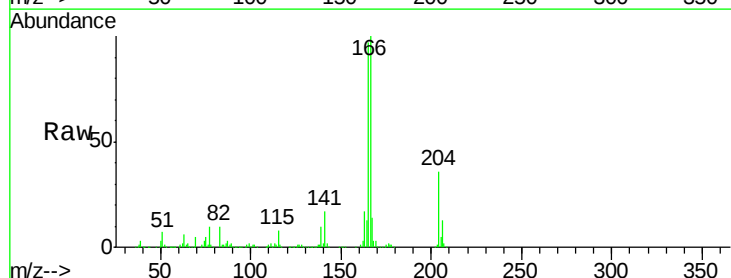
RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

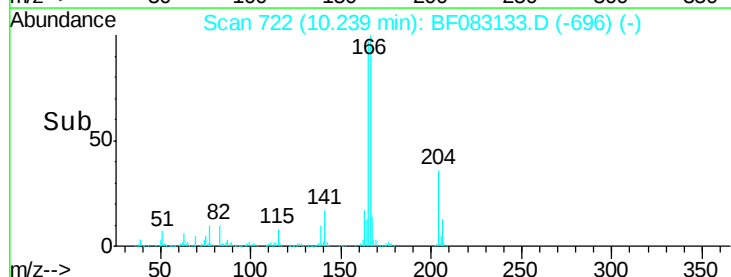
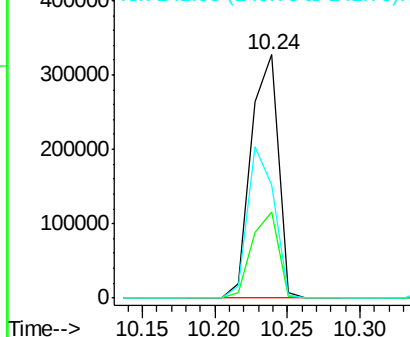
Lab File: BF083133.D

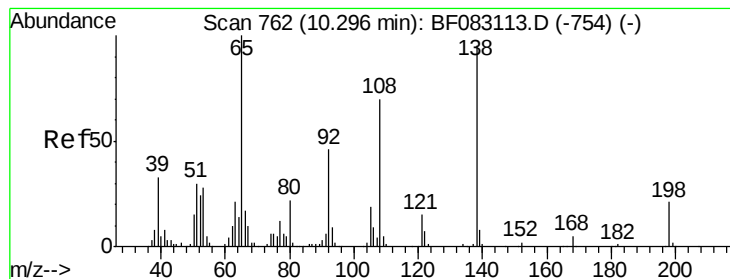
Acq: 22 Nov 2015 2:34

Tgt Ion:	204	Resp:	425933
Ion Ratio	Lower	Upper	
204	100		
206	35.3	27.4	41.0
141	46.6	57.4	86.2#



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





#61

4-Nitroaniline

Concen: 30.34 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

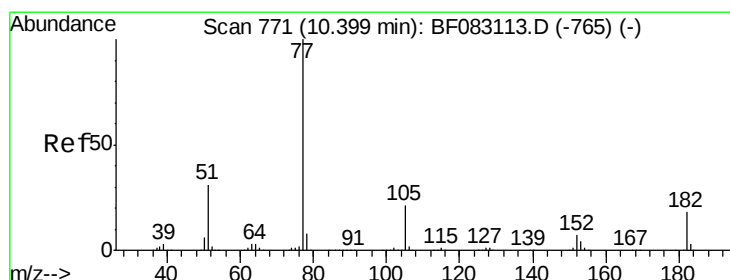
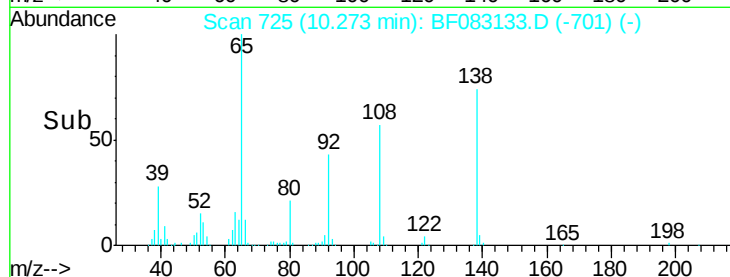
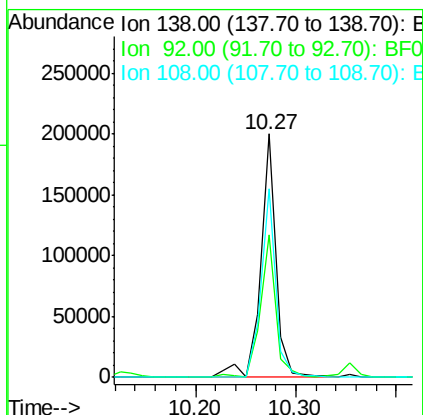
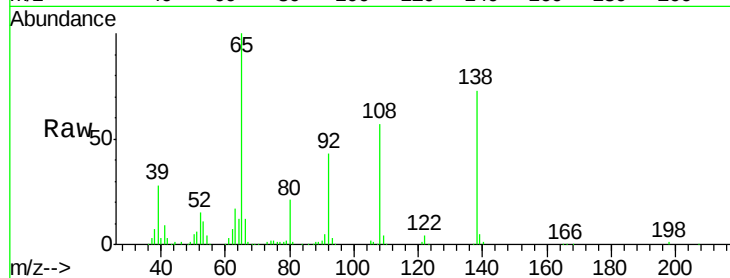
ClientSampled :

PB86782BS

Tot Ion:	138	Resp:	213214
Ion Ratio	Lower	Upper	
138	100		
92	58.3	28.4	68.4
108	77.4	53.5	93.5

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#62

Azobenzene

Concen: 33.97 ng

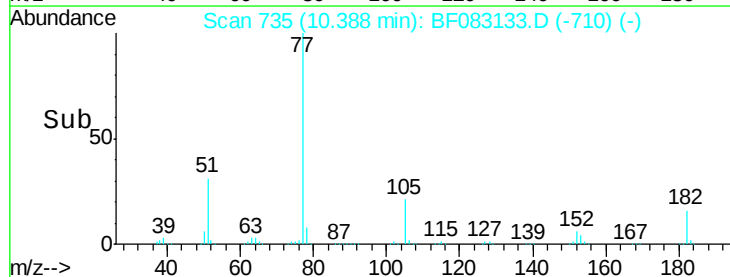
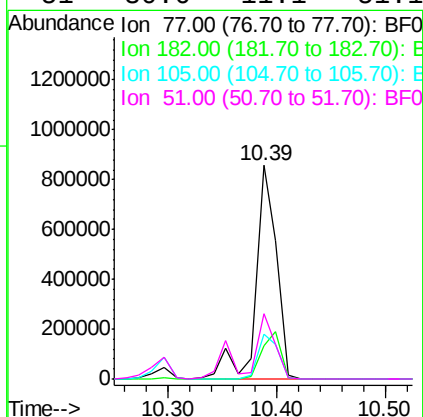
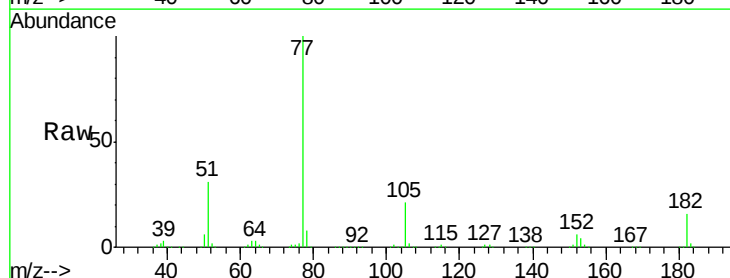
RT: 10.39 min Scan# 735

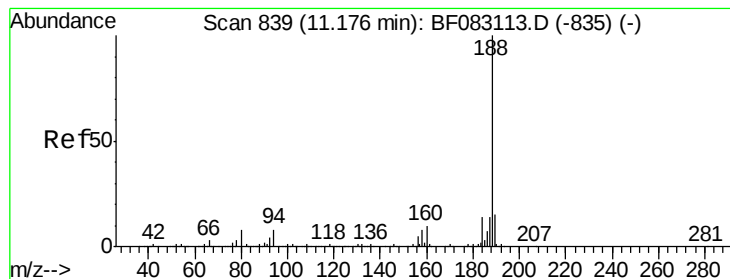
Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	77	Resp:	1151622
Ion Ratio	Lower	Upper	
77	100		
182	15.6	0.0	38.3
105	20.9	1.2	41.2
51	30.6	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

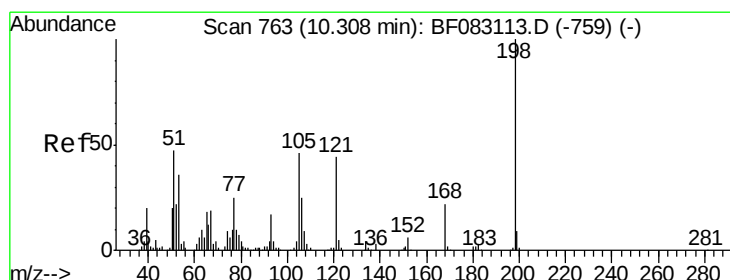
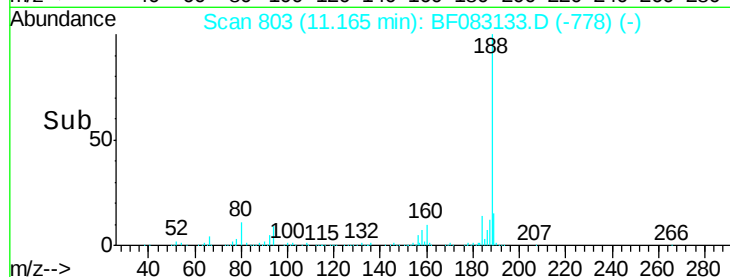
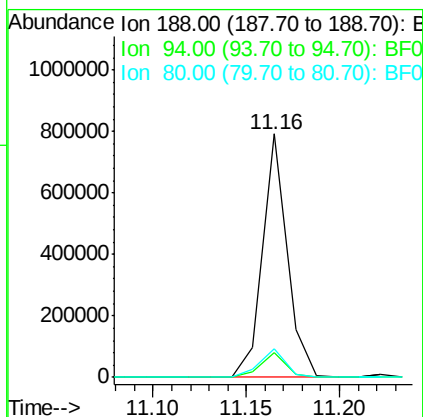
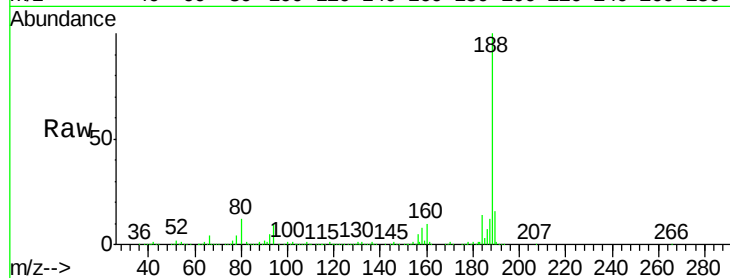
ClientSampleId :

PB86782BS

Tot Ion:	188	Resp:	722809
Ion Ratio	Lower	Upper	
188	100		
94	10.1	6.0	9.0#
80	11.5	6.7	10.1#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 35.87 ng

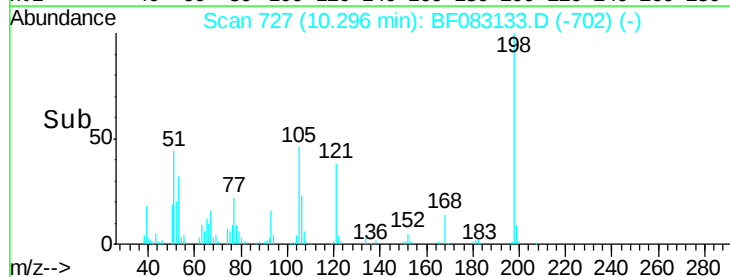
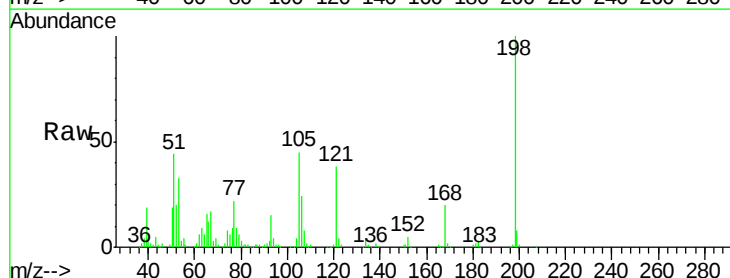
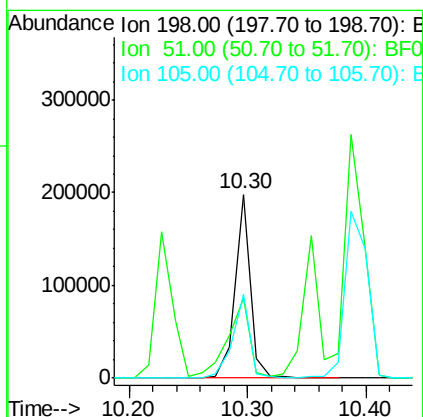
RT: 10.30 min Scan# 727

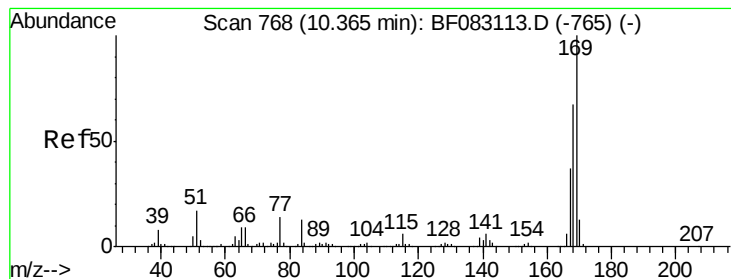
Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	198	Resp:	178642
Ion Ratio	Lower	Upper	
198	100		
51	43.7	27.0	67.0
105	45.4	26.1	66.1





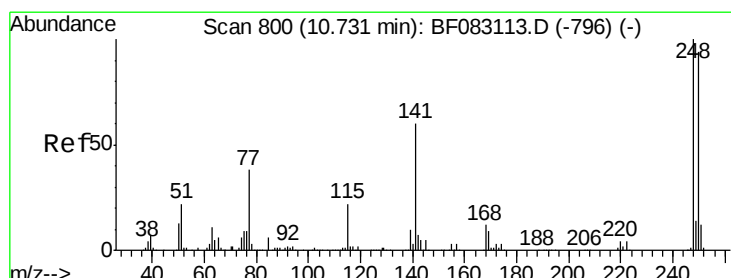
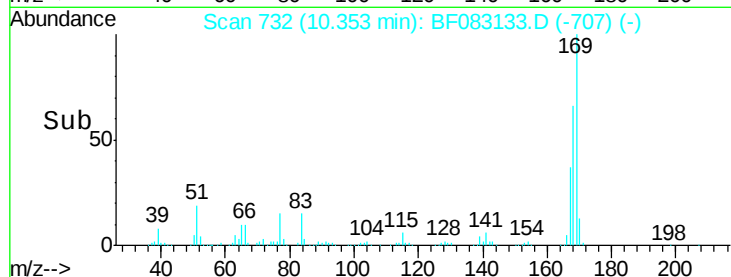
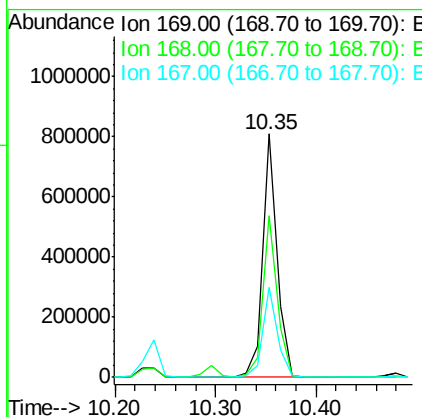
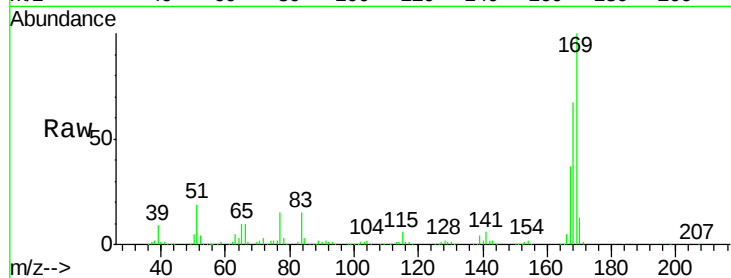
#65
 n-Nitrosodiphenylamine
 Concen: 32.83 ng
 RT: 10.35 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		807146		
168	66.5	53.8	80.6		
167	36.9	29.8	44.8		

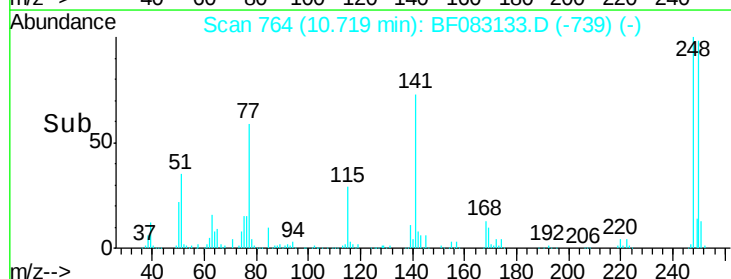
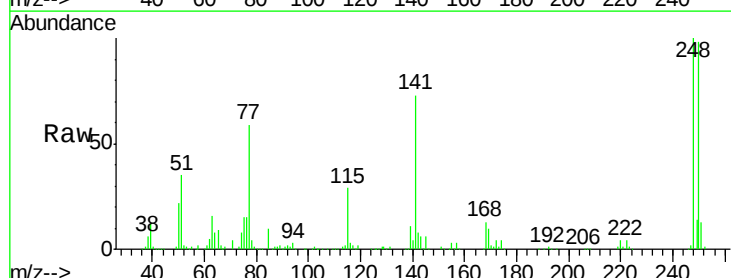
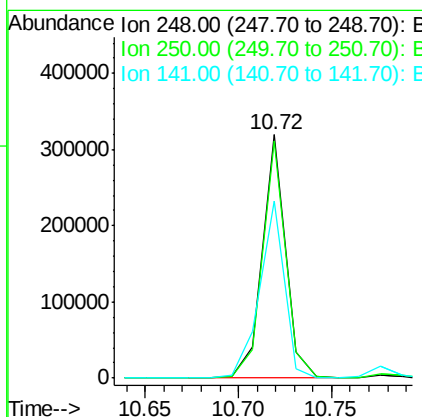
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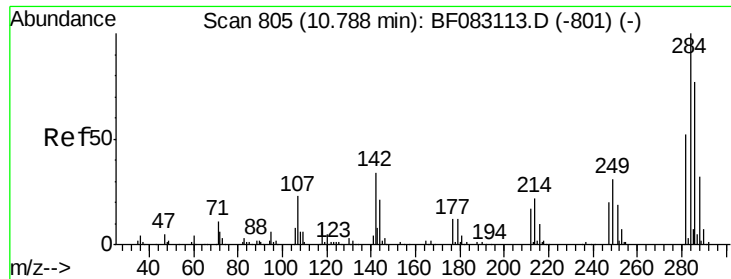
Mmdadoda
 11/23/2015 7:01:40 PM



#66
 4-Bromophenyl-phenylether
 Concen: 34.11 ng
 RT: 10.72 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		273610		
250	97.6	75.4	113.2		
141	72.5	48.1	72.1#		





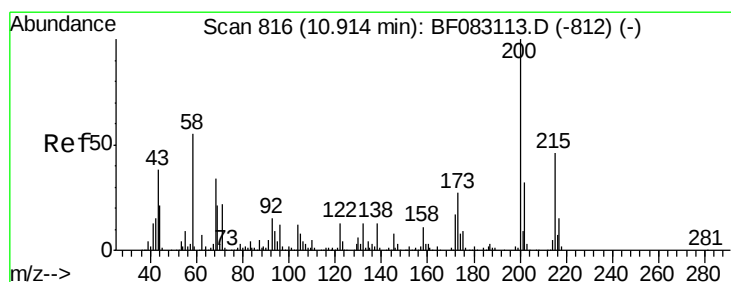
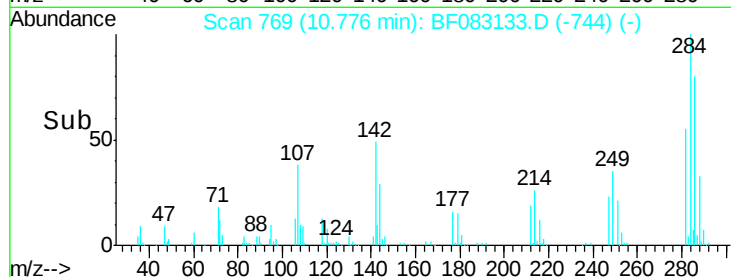
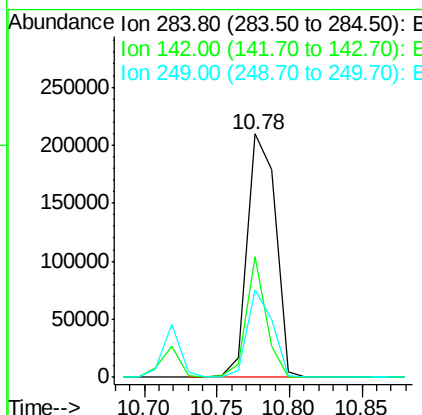
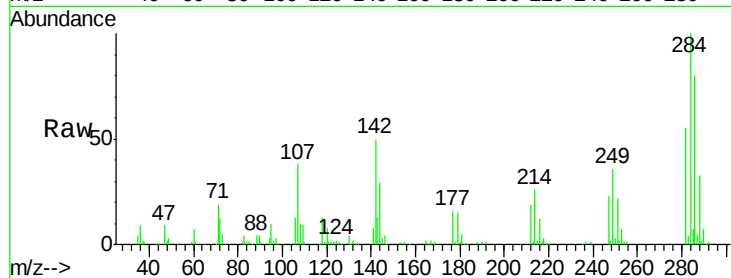
#67
Hexachlorobenzene
Concen: 31.95 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.6	27.6	41.4
249	35.9	25.5	38.3

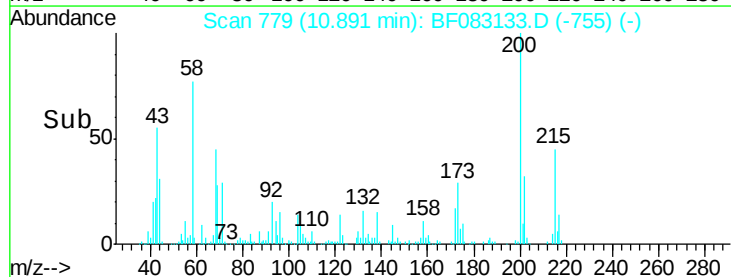
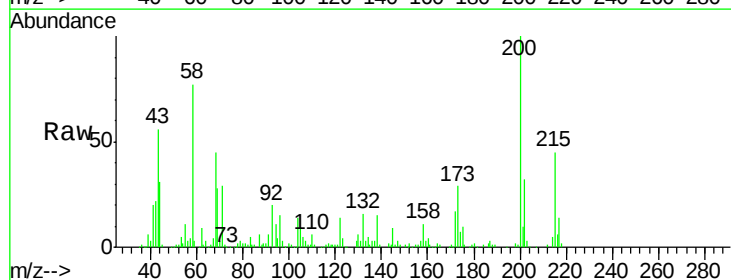
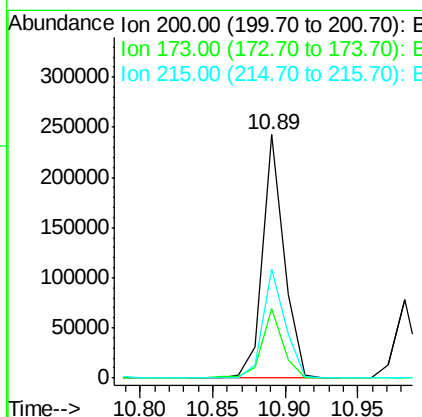
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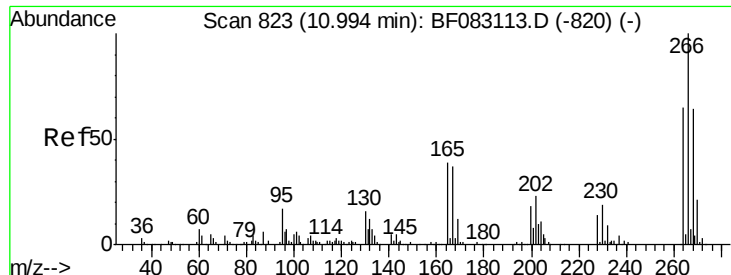
Mmdadoda
11/23/2015 7:01:40 PM



#68
Atrazine
Concen: 34.88 ng
RT: 10.89 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.5	7.2	47.2
215	44.7	25.7	65.7





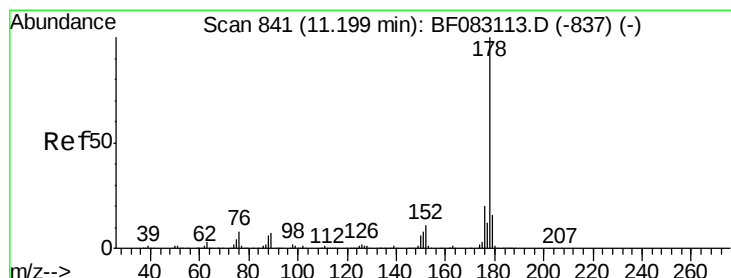
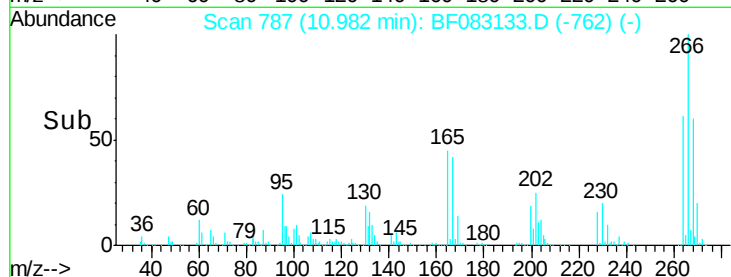
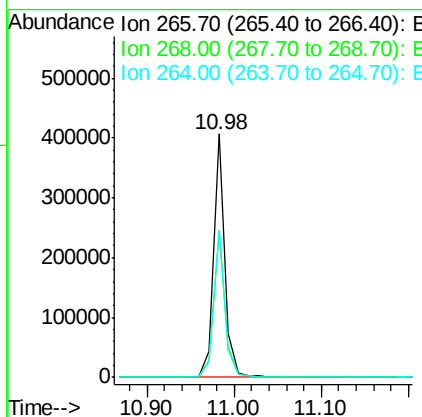
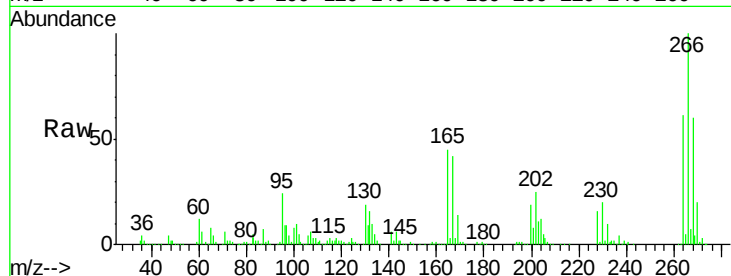
#69
 Pentachlorophenol
 Concen: 64.95 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.9	51.4	77.0
264	60.9	51.7	77.5

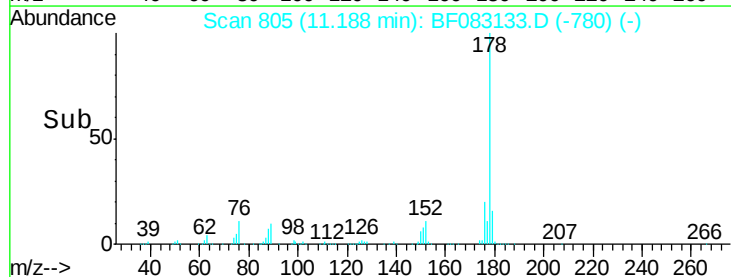
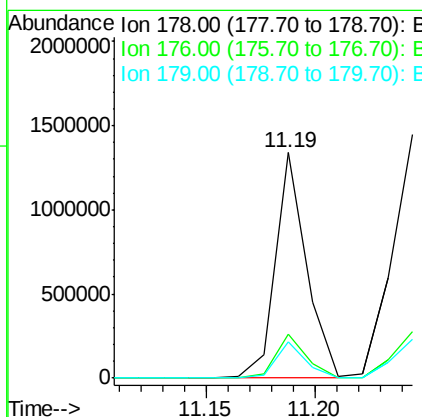
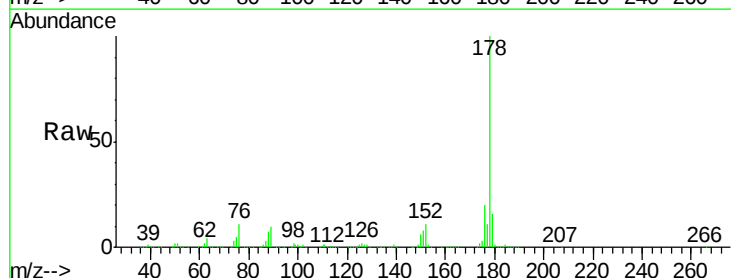
Manual Integrations
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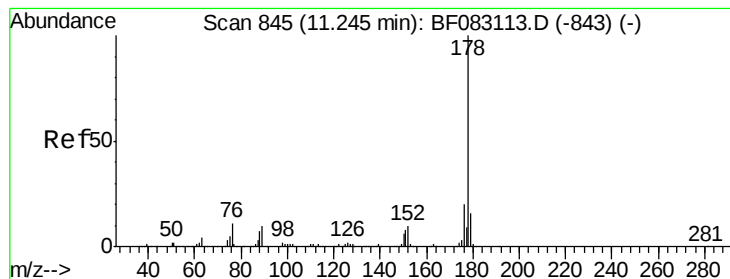
Mmdadoda
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#70
 Phenanthrene
 Concen: 32.16 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	16.3	12.8	19.2





#71
 Anthracene
 Concen: 34.67 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

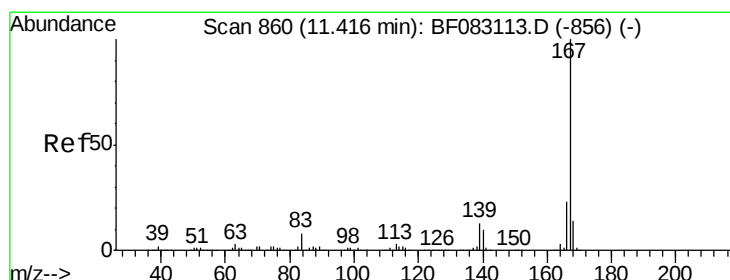
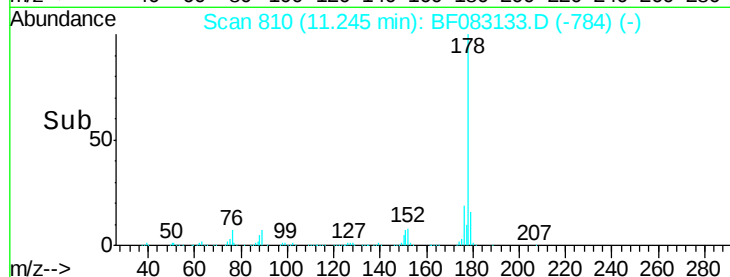
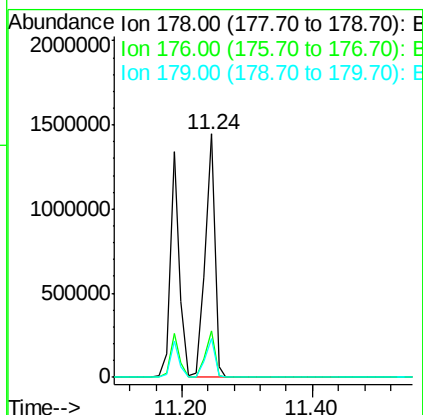
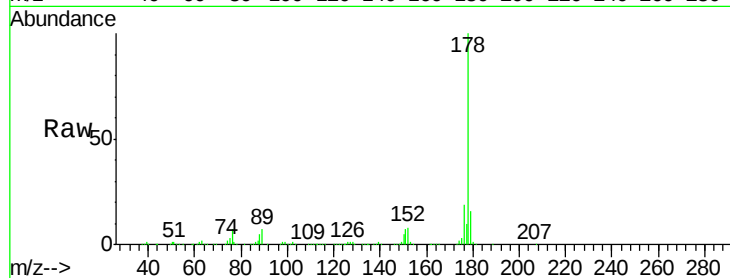
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion:178 Resp: 1472927

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.0	13.2	19.8

Manual Integrations
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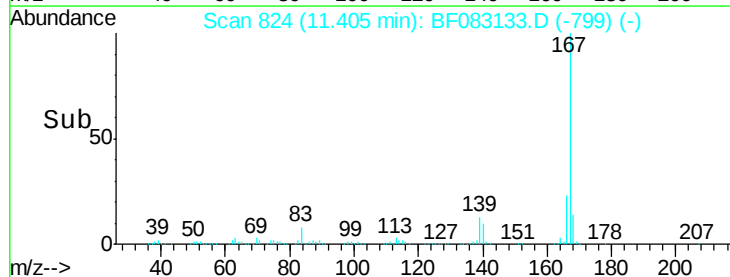
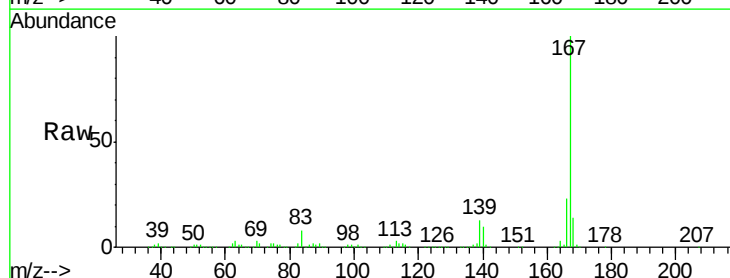
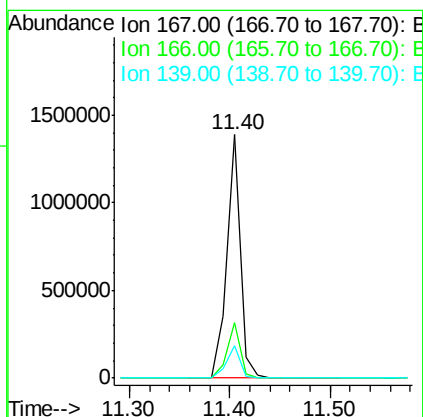
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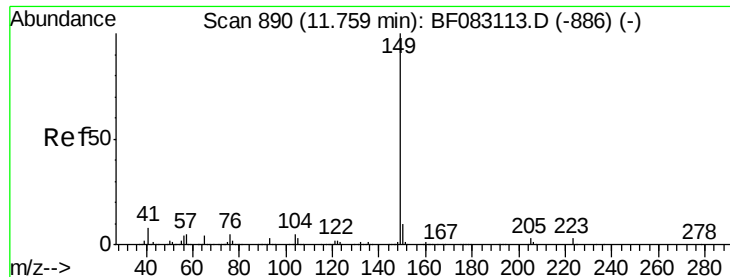


#72
 Carbazole
 Concen: 34.31 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:167 Resp: 1295846

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.4	10.5	15.7





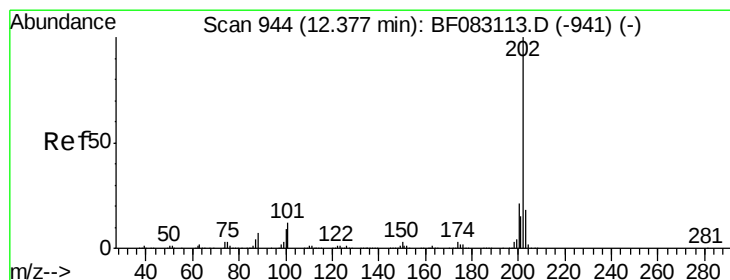
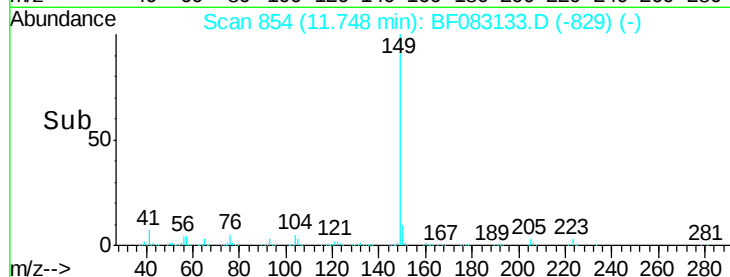
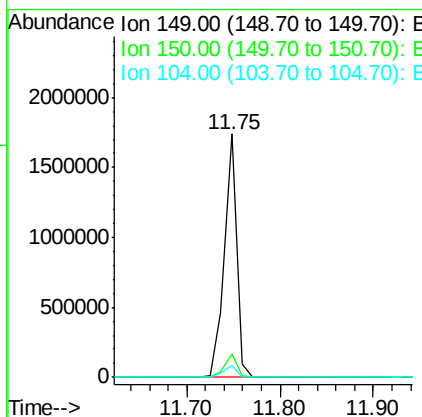
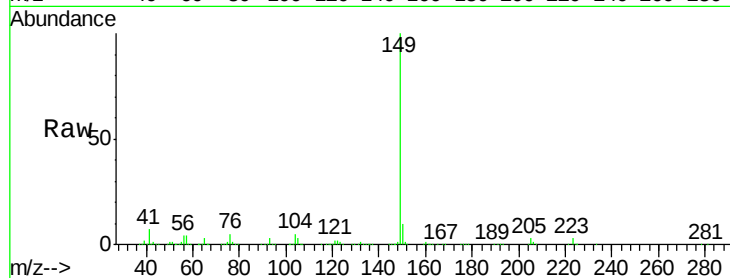
#73
Di-n-butylphthalate
Concen: 34.54 ng
RT: 11.75 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.0	4.4	6.6

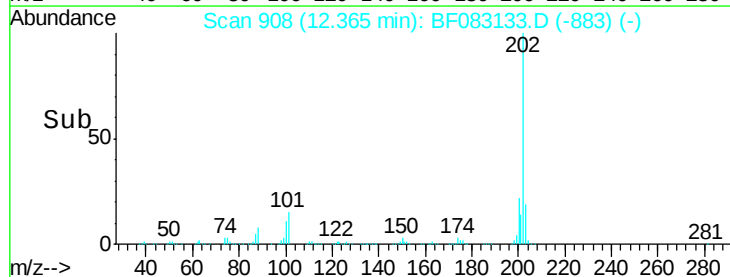
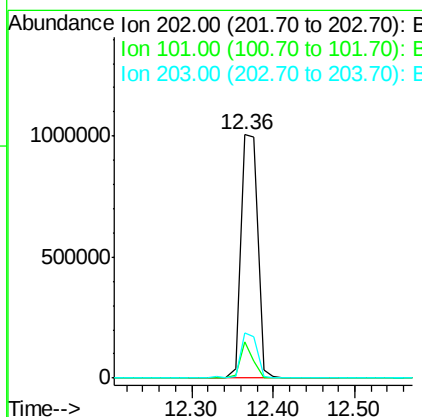
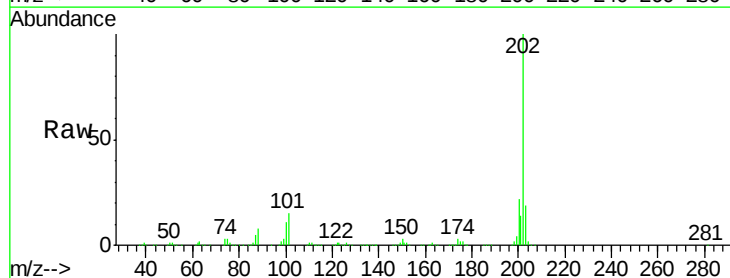
Manual Integrations
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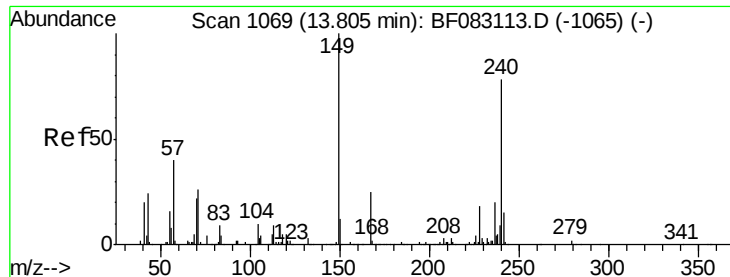
Mmdadoda
11/23/2015 7:01:40 PM



#74
Fluoranthene
Concen: 33.58 ng
RT: 12.36 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.3
203	18.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

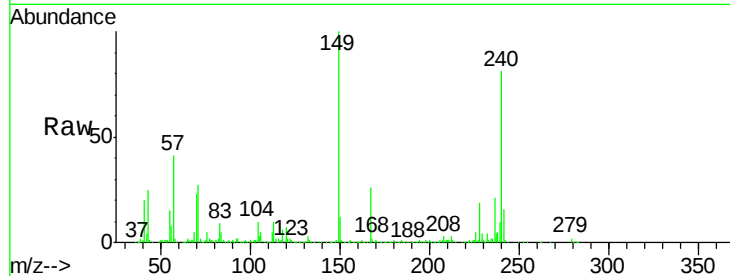
ClientSampleId :

PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	632396		
120	8.1	5.4	8.2	
236	25.7	20.6	31.0	

Manual Integrations
APPROVED

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11/23/2015 7:01:40 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.79

800000

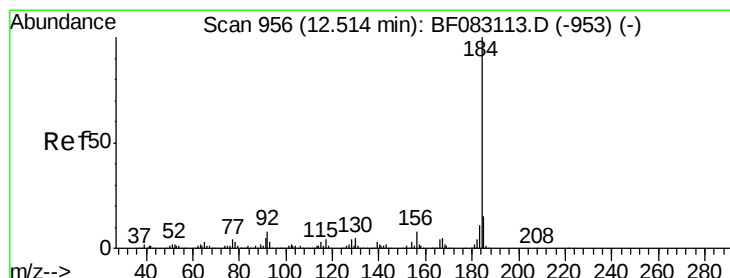
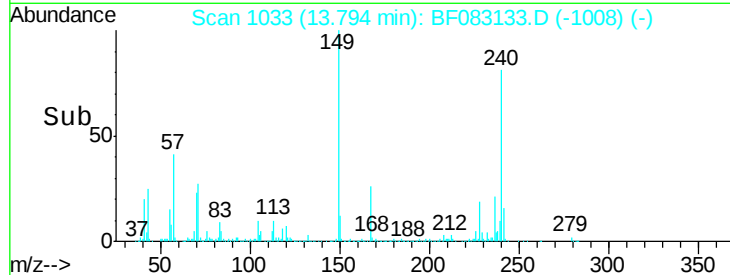
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 33.22 ng

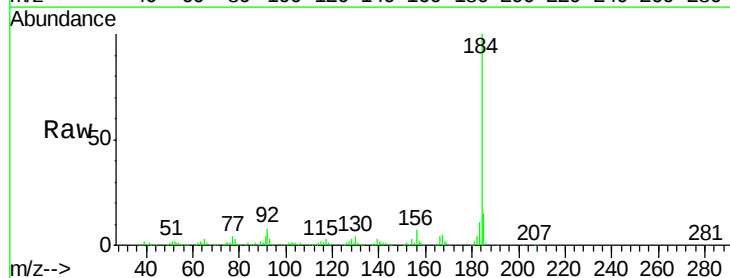
RT: 12.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	550570		
185	14.7	11.7	17.5	
183	11.3	8.8	13.2	



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.50

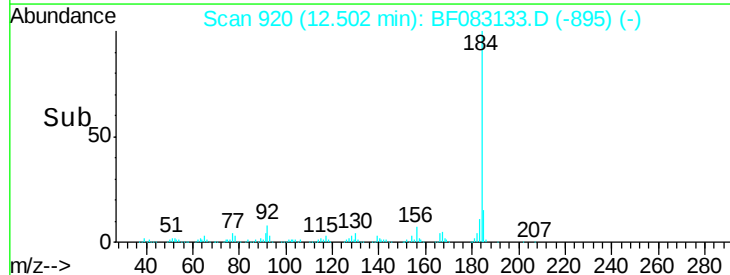
600000

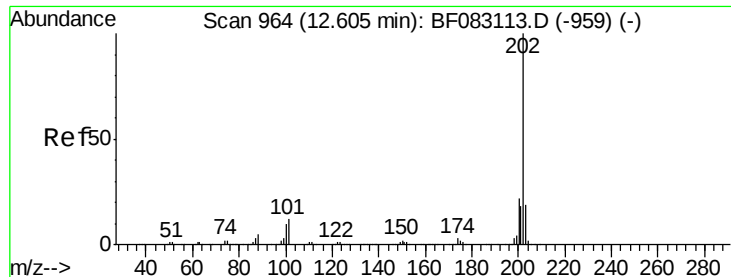
400000

200000

0

Time-->





#77

Pvrene

Concen: 32.41 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:202 Resp: 1400449

Ion Ratio Lower Upper

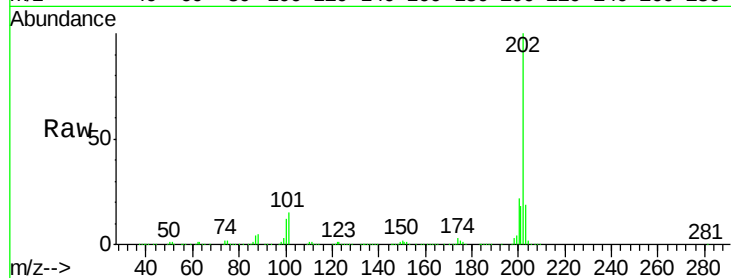
202 100

200 22.4 17.8 26.6

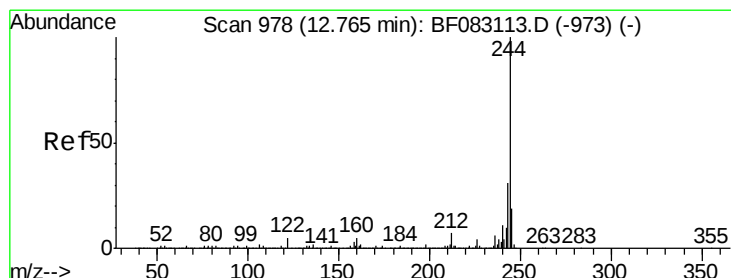
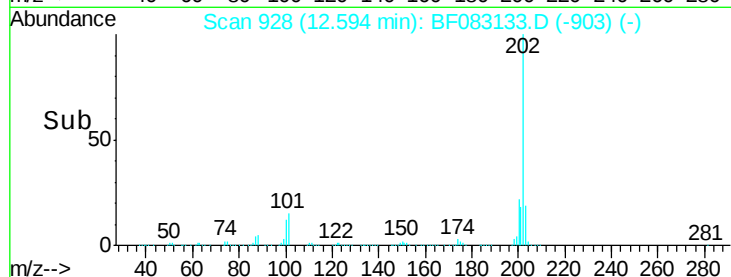
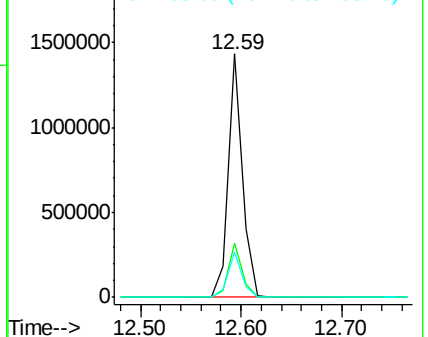
203 18.5 15.0 22.4

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



#78

Terphenyl-d14

Concen: 71.24 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

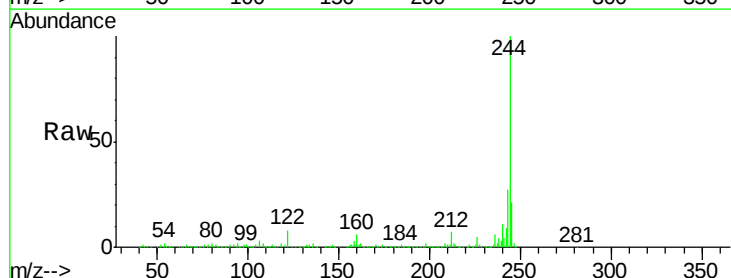
Tgt Ion:244 Resp: 1913224

Ion Ratio Lower Upper

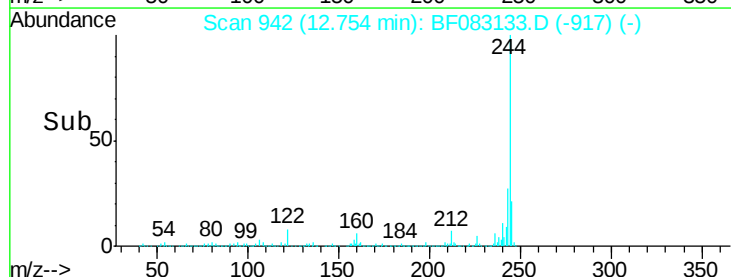
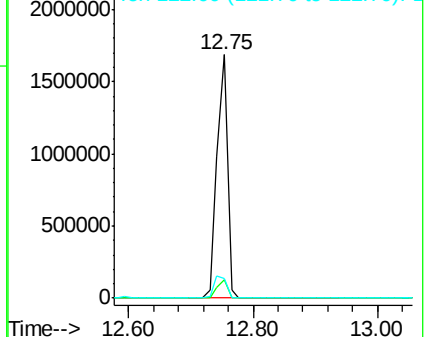
244 100

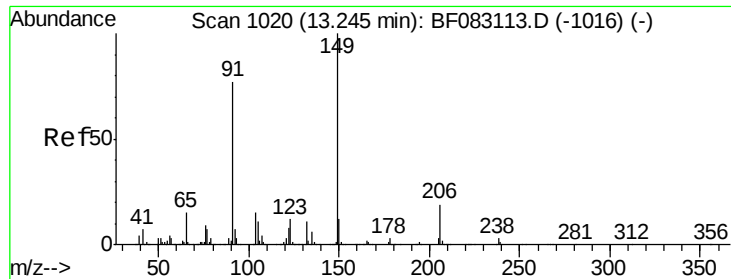
212 7.4 5.4 8.2

122 8.0 4.3 6.5#



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





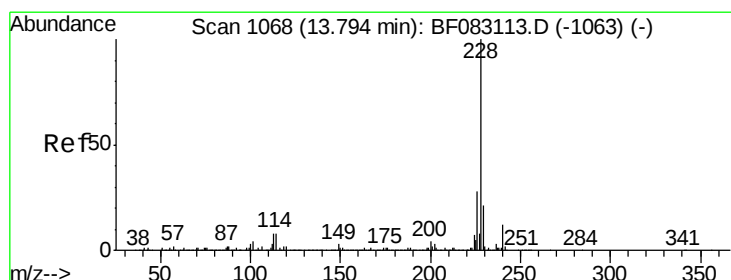
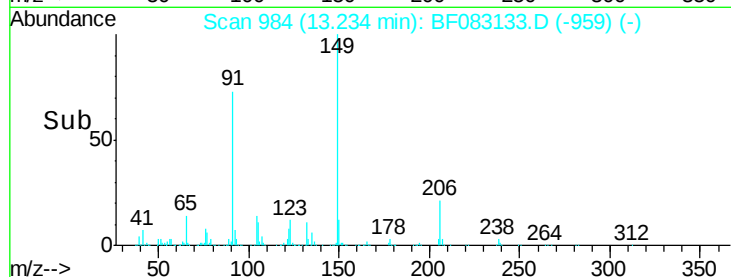
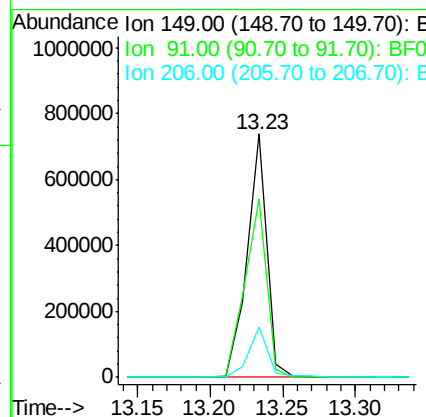
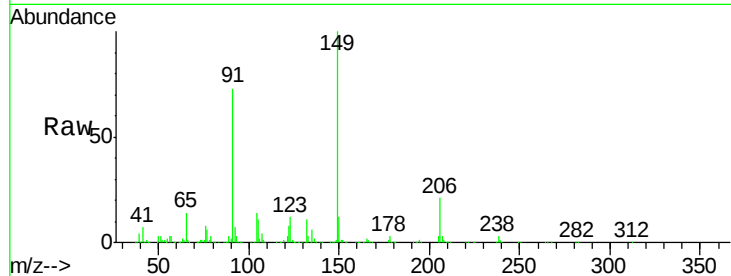
#79
Butylbenzylphthalate
Concen: 33.98 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	61.5	92.3
206	20.7	15.3	22.9

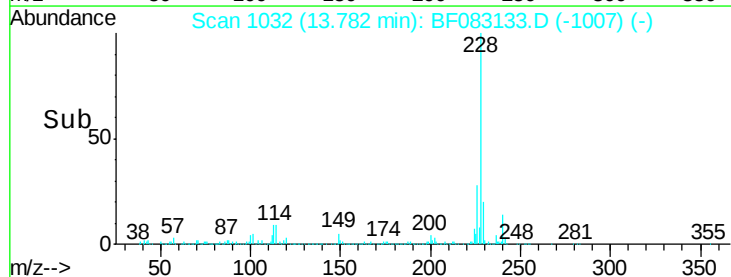
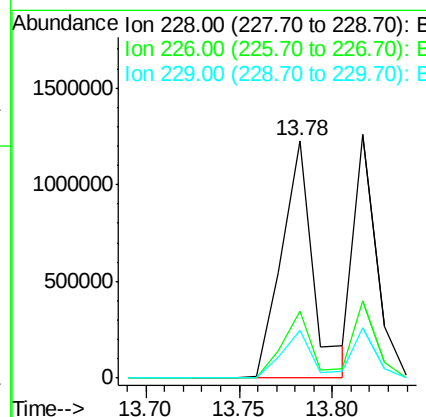
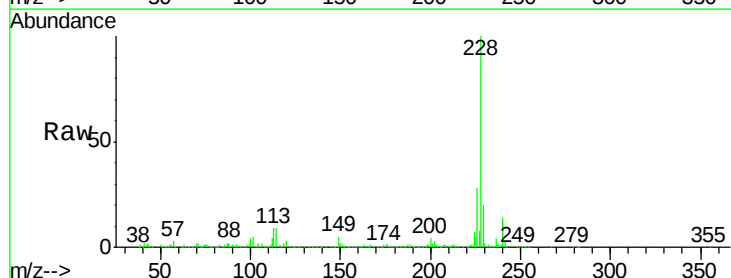
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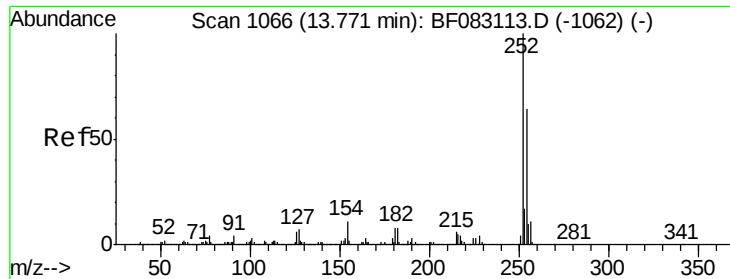
Mmdadoda
11/23/2015 7:01:40 PM



#80
Benzo(a)anthracene
Concen: 36.98 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.4	16.6	24.8





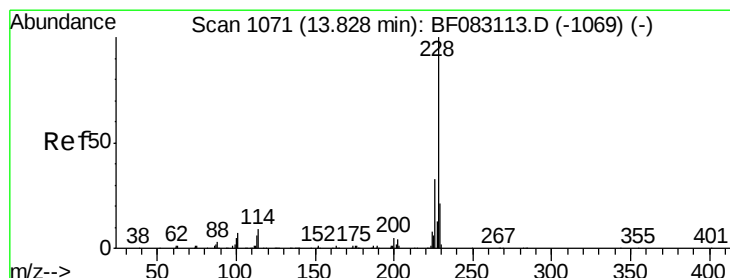
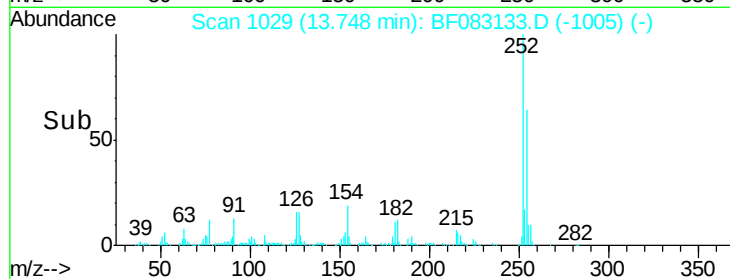
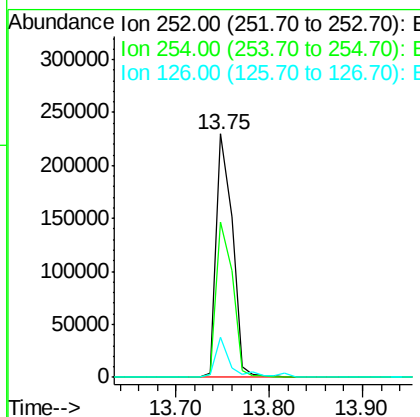
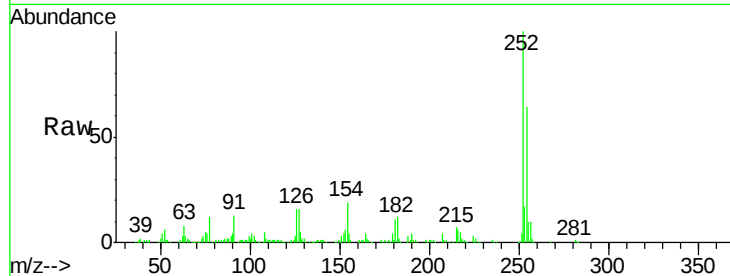
#81
 3,3'-Dichlorobenzidine
 Concen: 20.46 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.5	77.3
126	16.4	5.2	7.8

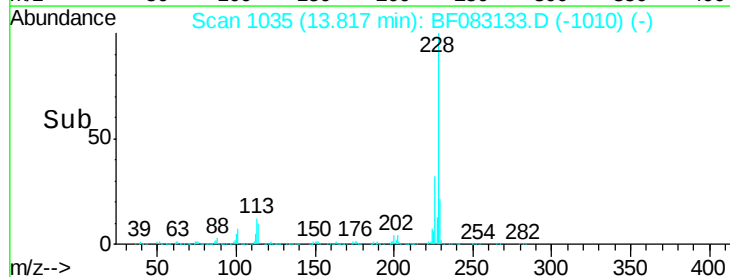
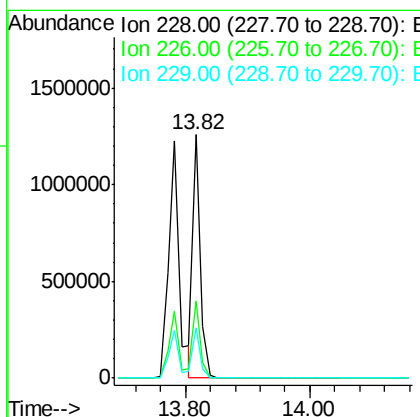
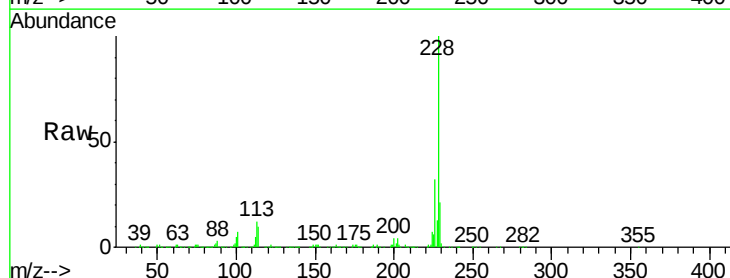
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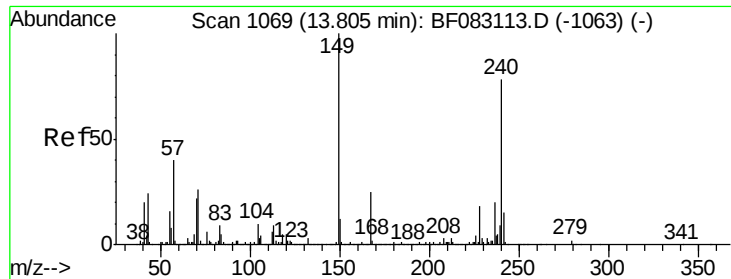
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#82
 Chrysene
 Concen: 29.63 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.8	16.6	25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.56 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

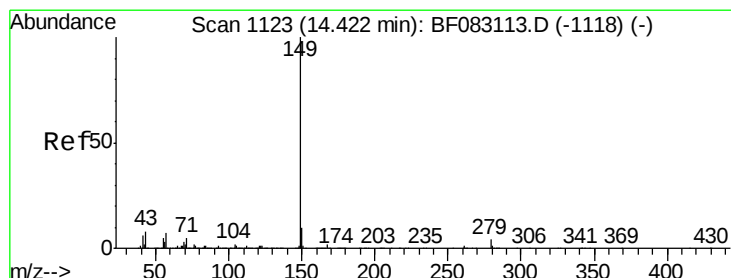
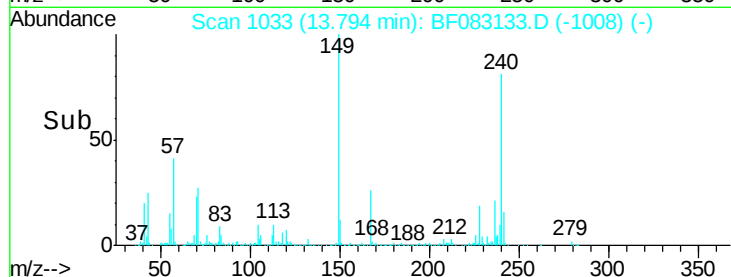
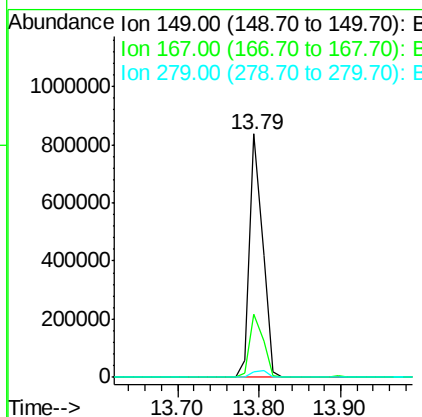
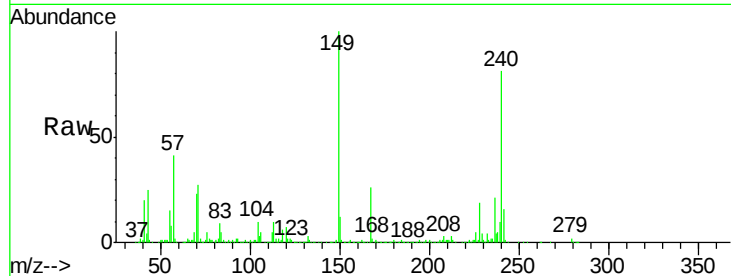
ClientSampleId :

PB86782BS

Tot Ion:	149	Resp:	922897
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.1	30.1
279	2.1	1.7	2.5

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#84

Di-n-octyl phthalate

Concen: 34.58 ng

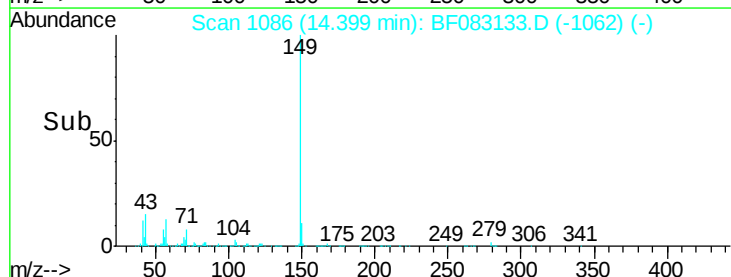
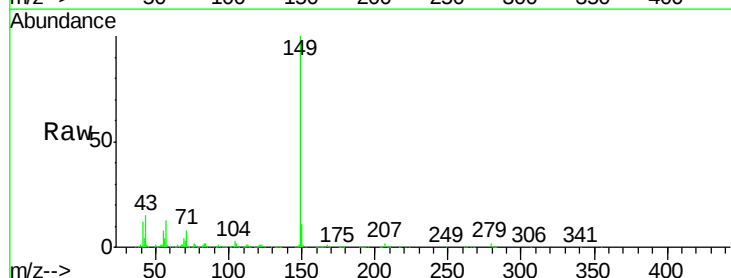
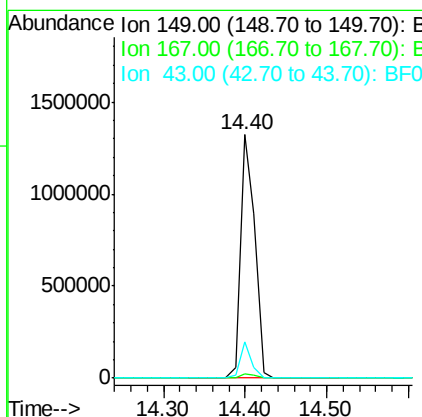
RT: 14.40 min Scan# 1086

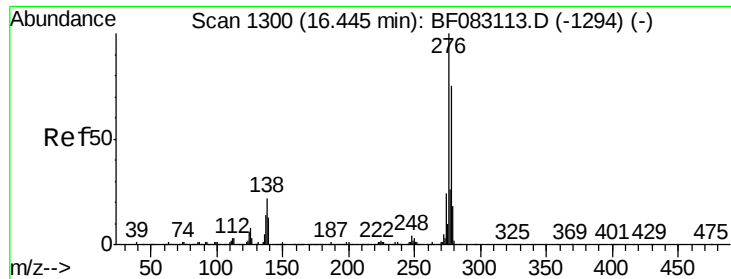
Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:	149	Resp:	1589897
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.3	9.5	14.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.94 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:276 Resp: 1086596

Ion Ratio Lower Upper

276 100

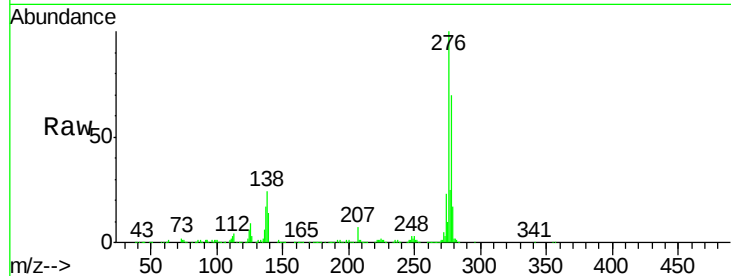
138 24.7 18.0 27.0

277 24.7 20.2 30.4

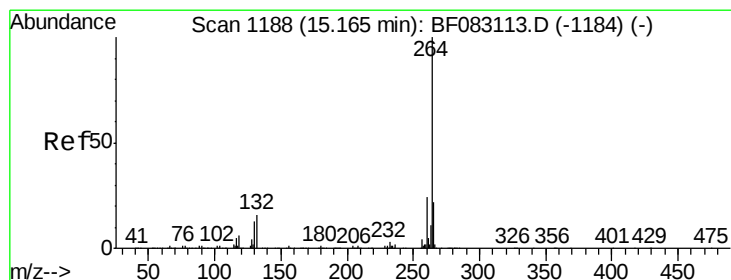
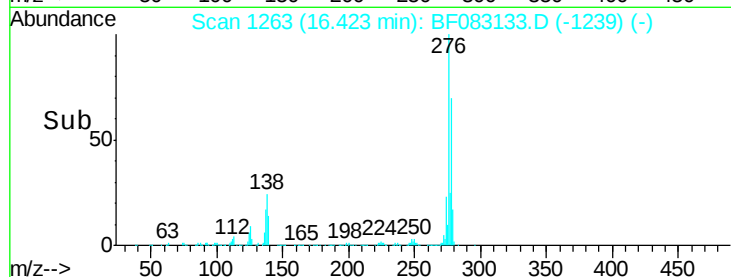
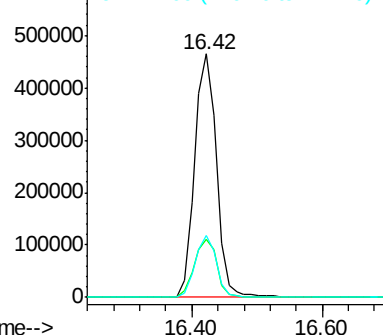
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

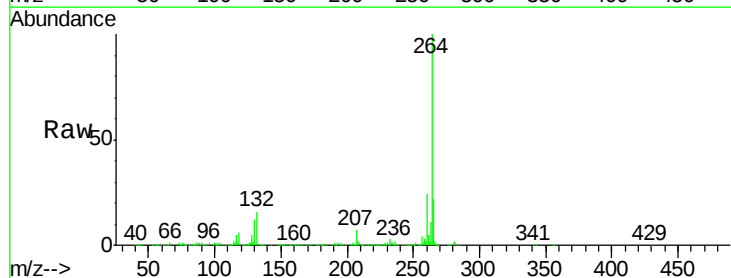
Tgt Ion:264 Resp: 552995

Ion Ratio Lower Upper

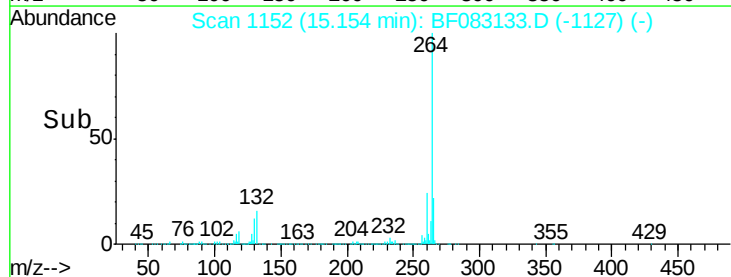
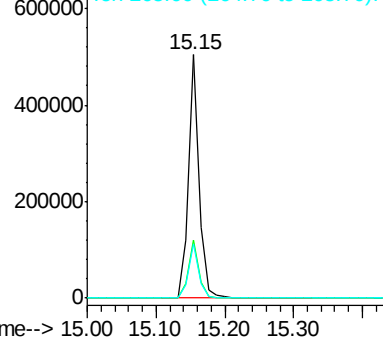
264 100

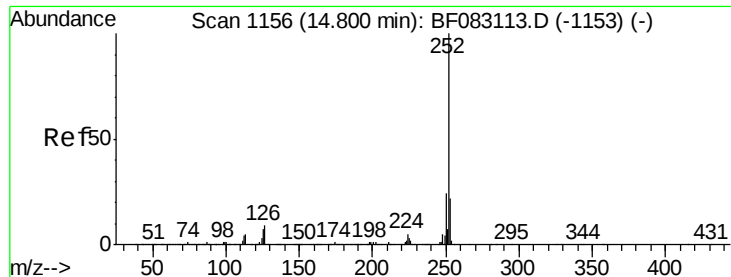
260 23.9 19.1 28.7

265 22.0 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





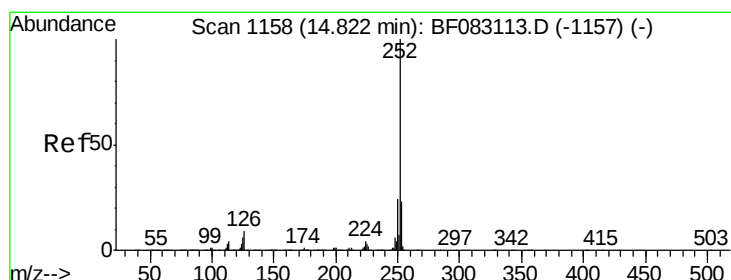
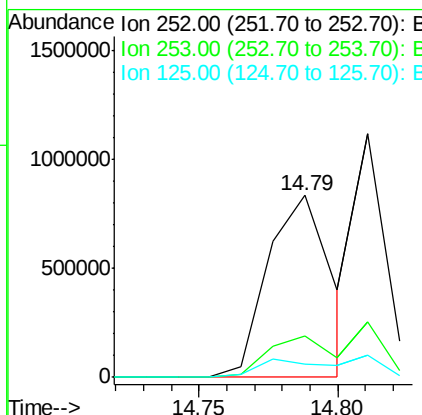
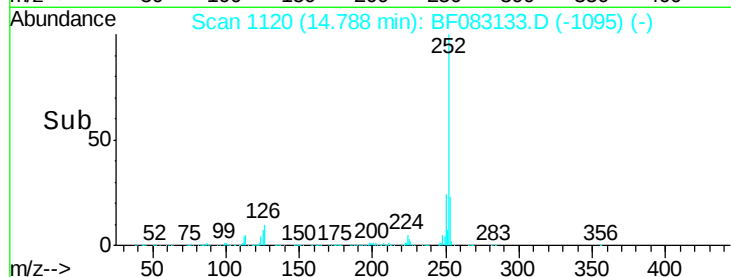
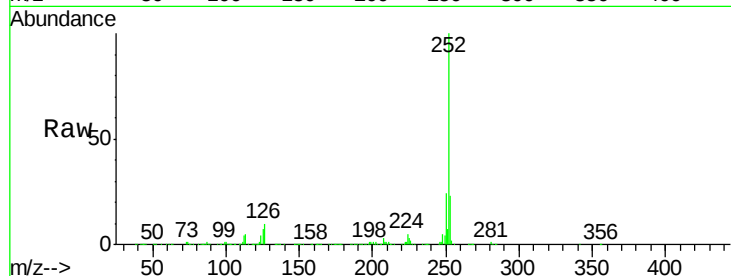
#87
Benzo(b)fluoranthene
Concen: 34.68 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	7.2	5.6	8.4

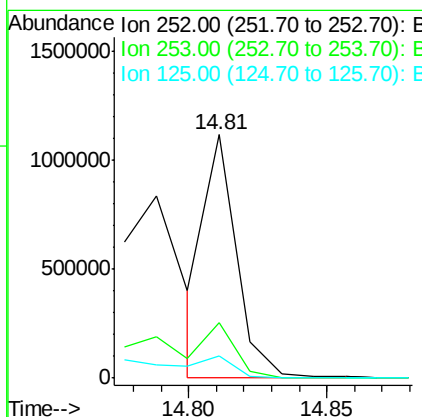
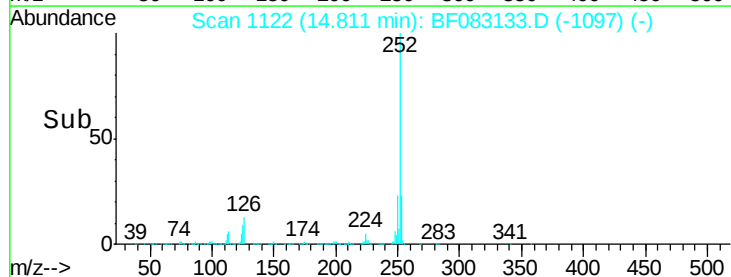
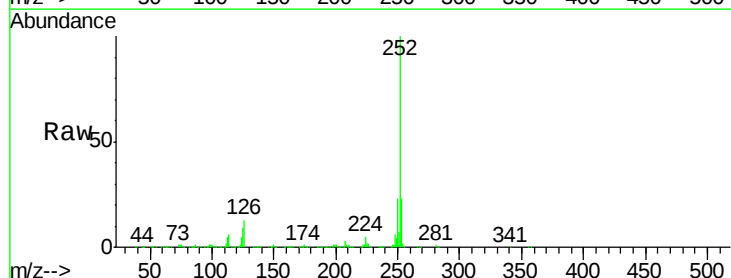
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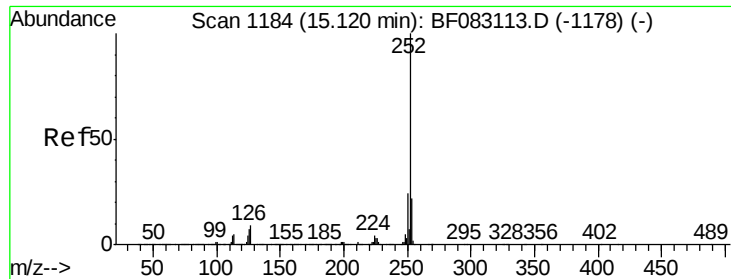
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#88
Benzo(k)fluoranthene
Concen: 32.09 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.1	6.8	10.2





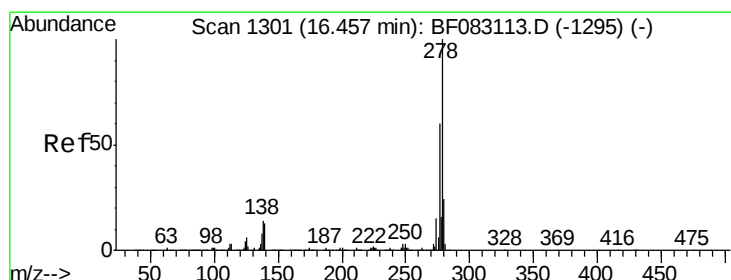
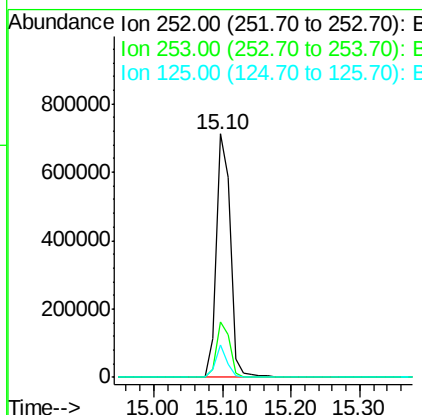
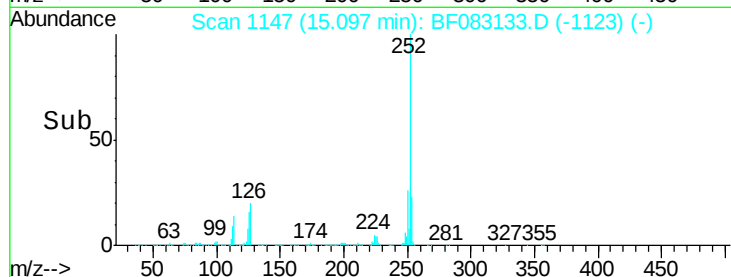
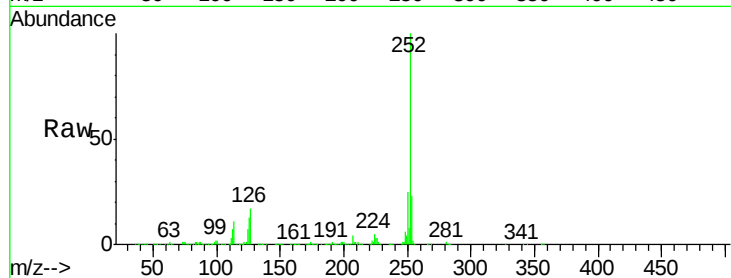
#89
Benzo(a)pyrene
Concen: 32.91 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.3	5.4	8.0

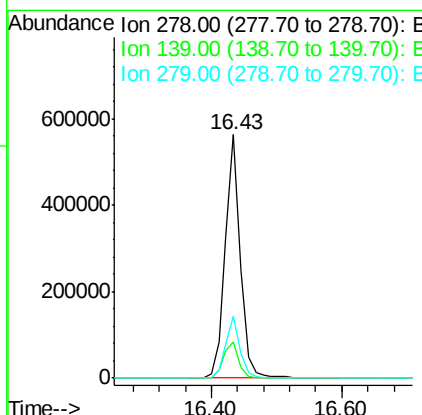
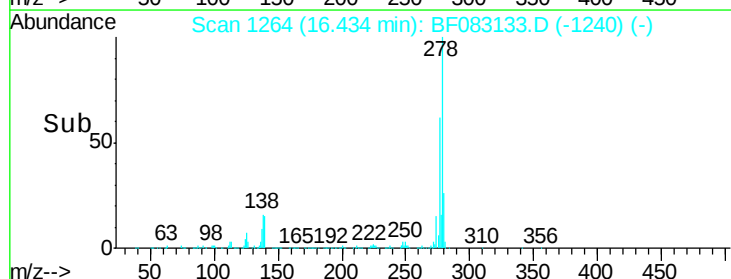
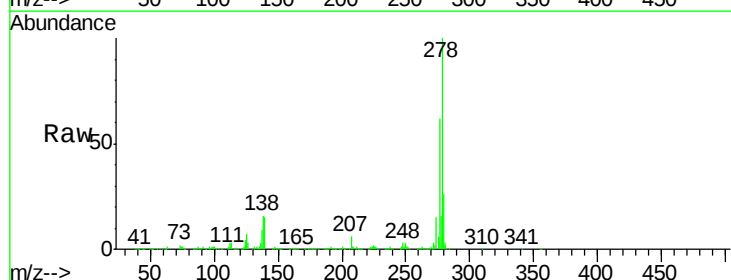
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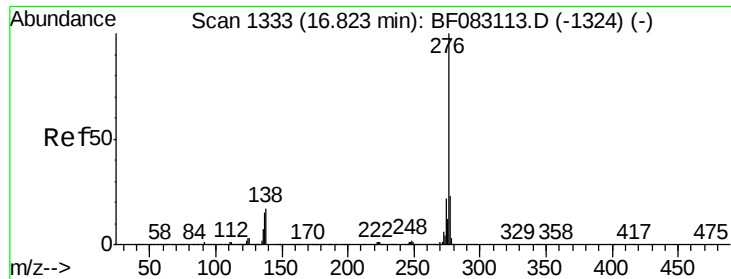
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#90
Dibenzo(a,h)anthracene
Concen: 32.14 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.7	16.1
279	25.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 31.67 ng
 RT: 16.80 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	20.1	13.9	20.9

Manual Integrations
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Mmdadoda
 11/23/2015 7:01:40 PM

