

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083131.D
 Acq On : 22 Nov 2015 1:35
 Operator : UM/IZ
 Sample : PB86744BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:37 PM

Quant Time: Nov 22 09:44:23 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	201184	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	756620	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	379909	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	700849	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	628481	20.00	ng	-0.01
86) Perylene-d12	15.15	264	555266	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1444683	108.57	ng	0.00
7) Phenol-d6	6.33	99	1887300	109.61	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1190084	71.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	391578	100.75	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1896888	69.62	ng	0.00
78) Terphenyl-d14	12.75	244	1934138	72.47	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	205345	31.15	ng	95
3) Pyridine	2.97	79	563025	32.34	ng	100
4) n-Nitrosodimethylamine	2.86	42	287803	35.84	ng	98
6) Aniline	6.33	93	513322	24.39	ng	# 47
8) 2-Chlorophenol	6.44	128	499693	34.76	ng	98
9) Benzaldehyde	6.20	77	349487	40.70	ng	90
10) Phenol	6.34	94	740057	35.53	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	523730	35.21	ng	97
12) 1,3-Dichlorobenzene	6.59	146	555475m	33.84	ng	
13) 1,4-Dichlorobenzene	6.67	146	571349	34.41	ng	93
14) 1,2-Dichlorobenzene	6.82	146	487379	32.29	ng	95
15) Benzyl Alcohol	6.82	79	491564	34.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	853294	36.79	ng	85
17) 2-Methylphenol	6.95	107	426473	35.85	ng	95
18) Hexachloroethane	7.16	117	196001	33.51	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	406412	33.92	ng	# 85
20) 3+4-Methylphenols	7.10	107	558729	37.15	ng	92
22) Acetophenone	7.08	105	718214	33.06	ng	# 93
24) Nitrobenzene	7.24	77	603232	34.10	ng	100
25) Isophorone	7.50	82	1068843	34.09	ng	98
26) 2-Nitrophenol	7.56	139	273313	34.99	ng	95
27) 2,4-Dimethylphenol	7.62	122	453563	36.39	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	659597	36.19	ng	99
29) 2,4-Dichlorophenol	7.82	162	449204	37.89	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	438027	33.63	ng	95
31) Naphthalene	7.96	128	1437835	35.21	ng	99
32) Benzoic acid	7.78	122	335959	34.67	ng	98
33) 4-Chloroaniline	8.02	127	235762	14.88	ng	98
34) Hexachlorobutadiene	8.09	225	265435	34.49	ng	99
35) Caprolactam	8.42	113	91789	24.16	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	479207	34.89	ng	87
37) 2-Methylnaphthalene	8.65	142	923999	34.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	407105	33.06	ng	97
40) Hexachlorocyclopentadiene	8.81	237	458020	65.42	ng	99

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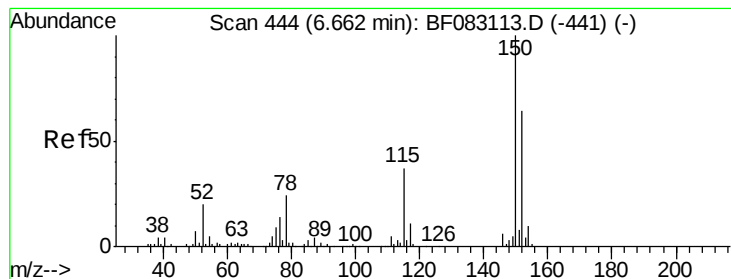
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	314794	35.70	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	313156	34.73	nq	98
45) 1,1'-Biphenyl	9.12	154	1077601	33.33	nq	97
46) 2-Chloronaphthalene	9.14	162	908488	35.77	nq	96
47) 2-Nitroaniline	9.24	65	314250	34.98	nq	97
48) Acenaphthylene	9.55	152	1404516	35.68	nq	99
49) Dimethylphthalate	9.44	163	1089146	37.24	nq	99
50) 2,6-Dinitrotoluene	9.48	165	220385	33.58	nq	98
51) Acenaphthene	9.72	154	829109	34.61	nq	99
52) 3-Nitroaniline	9.66	138	122599	17.52	nq	# 64
53) 2,4-Dinitrophenol	9.76	184	257770	68.17	nq	# 86
54) Dibenzofuran	9.90	168	1168374	34.49	nq	96
55) 4-Nitrophenol	9.85	139	368724	68.72	nq	96
56) 2,4-Dinitrotoluene	9.88	165	293410	35.28	nq	91
57) Fluorene	10.24	166	1000748	35.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272997	36.91	nq	100
59) Diethylphthalate	10.14	149	1052883	36.16	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	455600	35.54	nq	# 81
61) 4-Nitroaniline	10.27	138	220100	31.95	nq	91
62) Azobenzene	10.39	77	1222143	36.78	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	183609	38.02	nq	90
65) n-Nitrosodiphenylamine	10.35	169	814962	34.19	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	285690	36.73	nq	# 89
67) Hexachlorobenzene	10.79	284	307792	35.94	nq	# 77
68) Atrazine	10.89	200	267591	38.66	nq	98
69) Pentachlorophenol	10.98	266	371105	66.52	nq	99
70) Phenanthrene	11.19	178	1393162	34.50	nq	99
71) Anthracene	11.24	178	1557492	37.81	nq	99
72) Carbazole	11.40	167	1346054	36.76	nq	99
73) Di-n-butylphthalate	11.75	149	1635647	36.60	nq	99
74) Fluoranthene	12.38	202	1541812	37.31	nq	94
76) Benzidine	12.50	184	677249	41.11	nq	99
77) Pyrene	12.59	202	1513166	35.24	nq	99
79) Butylbenzylphthalate	13.23	149	722937	35.58	nq	98
80) Benzo(a)anthracene	13.78	228	1433663	36.88	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	331452	24.50	nq	100
82) Chrysene	13.82	228	1152426	31.97	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	943775	35.56	nq	99
84) Di-n-octyl phthalate	14.41	149	1636294	35.81	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1162288	35.45	nq	97
87) Benzo(b)fluoranthene	14.79	252	1363870m	35.95	nq	
88) Benzo(k)fluoranthene	14.81	252	1002378m	35.46	nq	
89) Benzo(a)pyrene	15.11	252	1142605	36.48	nq	99
90) Dibenzo(a,h)anthracene	16.43	278	991053	34.83	nq	98
91) Benzo(g,h,i)perylene	16.80	276	945916	34.05	nq	97

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



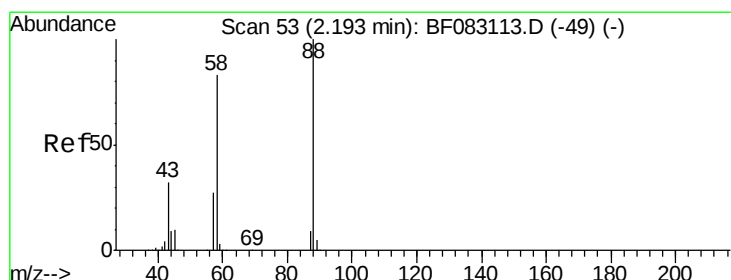
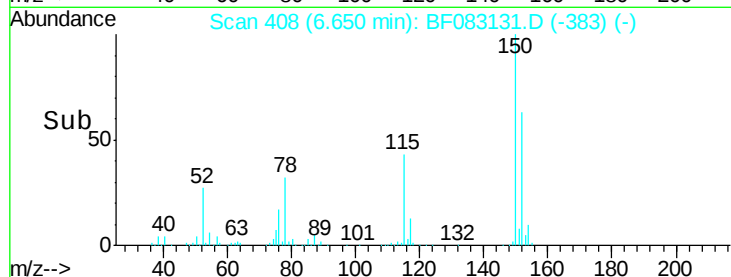
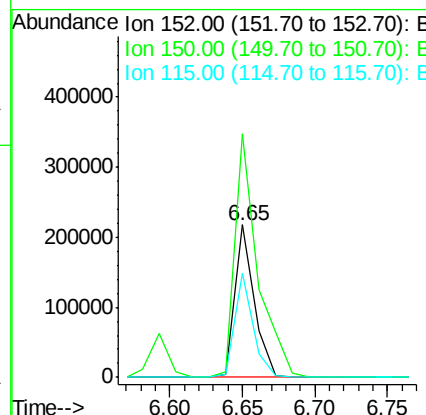
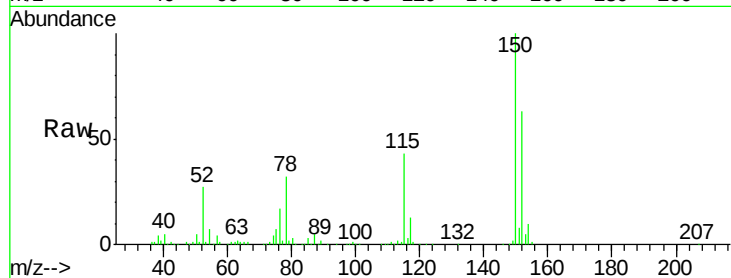
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	201184		
150	159.7	125.8	188.8	
115	68.5	46.9	70.3	

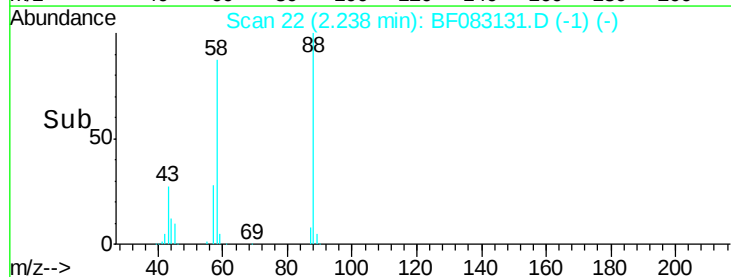
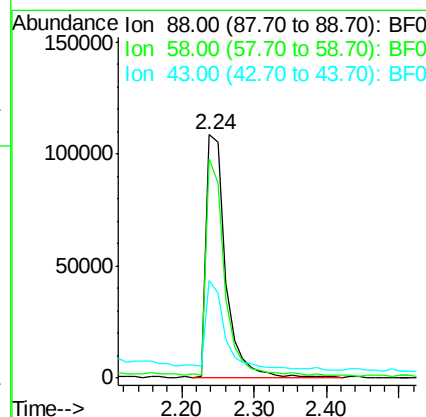
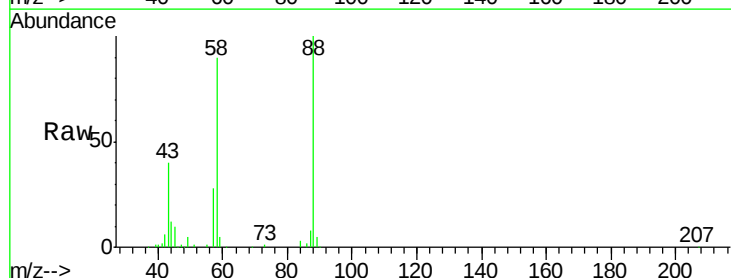
Manual Integrations
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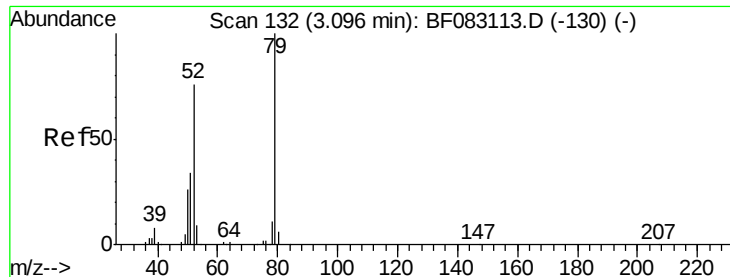
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#2
 1,4-Dioxane
 Concen: 31.15 ng
 RT: 2.24 min Scan# 22
 Delta R.T. 0.05 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	205345		
58	85.4	65.0	97.6	
43	34.0	24.7	37.1	





#3

Pvridine

Concen: 32.34 ng

RT: 2.97 min Scan# 86

Delta R.T. -0.13 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

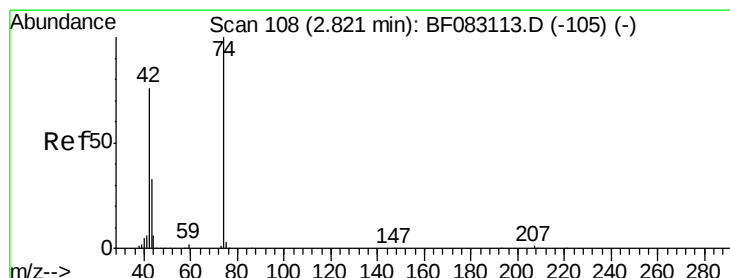
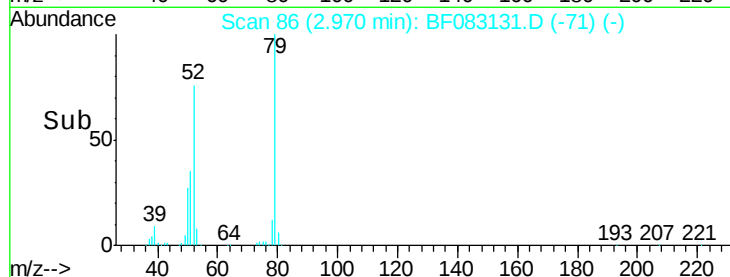
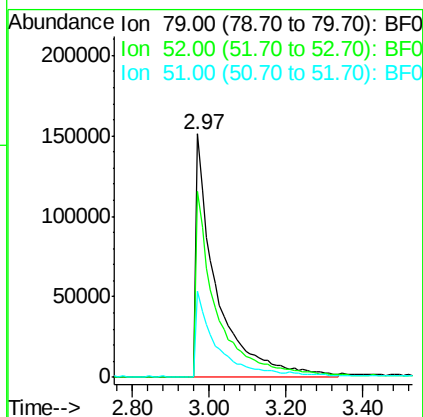
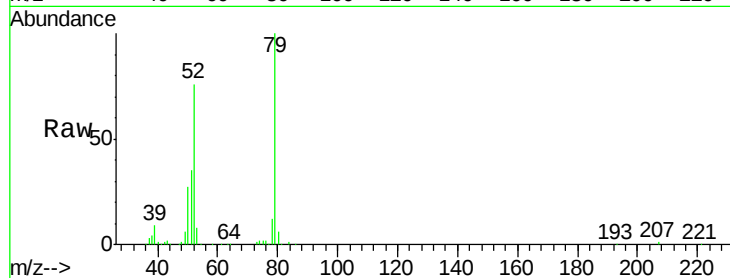
ClientSampleId :

PB86744BS

Tot Ion:	79	Resp:	563025
Ion Ratio	Lower	Upper	
79	100		
52	76.3	60.7	91.1
51	35.2	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 35.84 ng

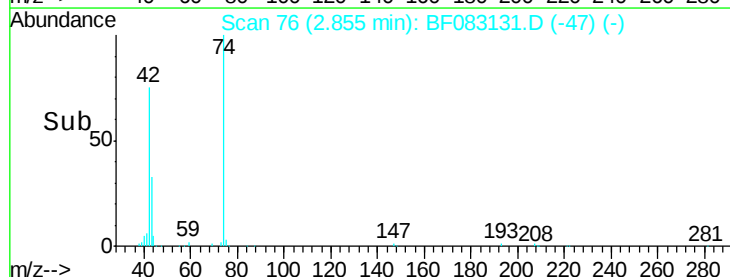
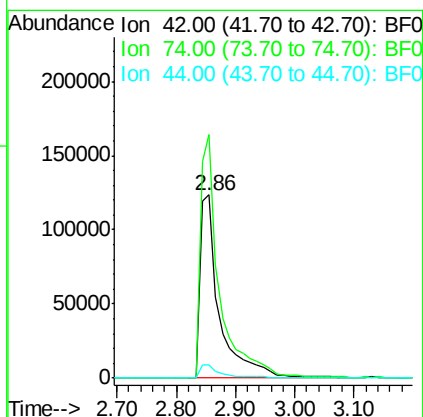
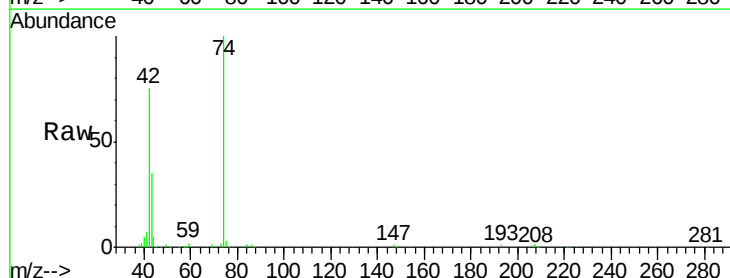
RT: 2.86 min Scan# 76

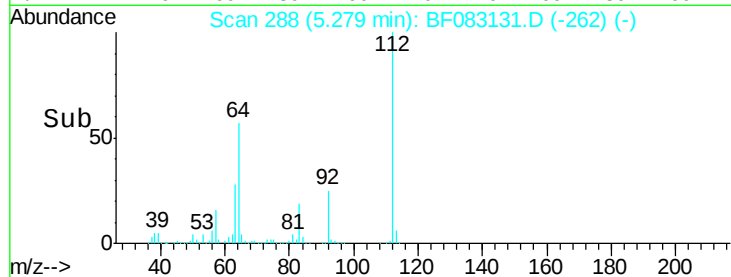
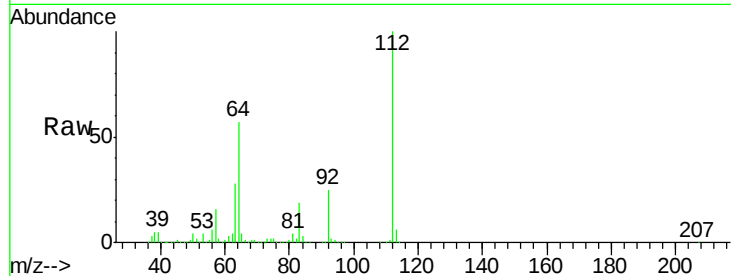
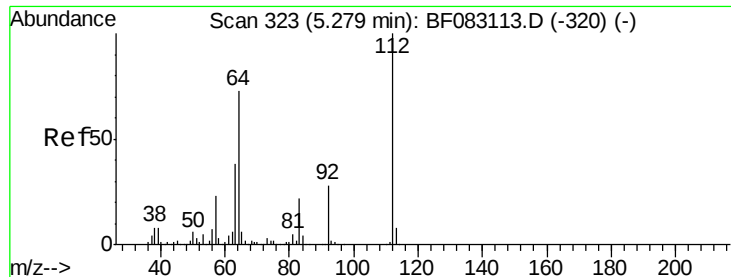
Delta R.T. 0.03 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	42	Resp:	287803
Ion Ratio	Lower	Upper	
42	100		
74	133.1	104.8	157.2
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 108.57 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tot Ion:112 Resp: 1444683

Ion Ratio Lower Upper

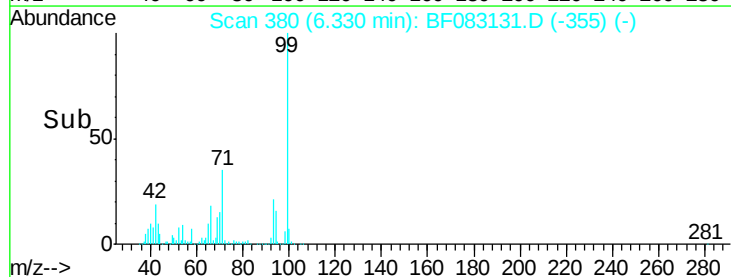
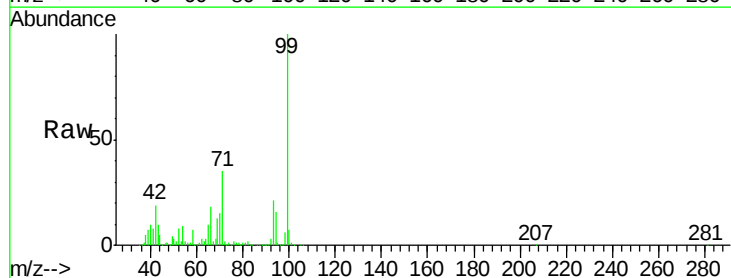
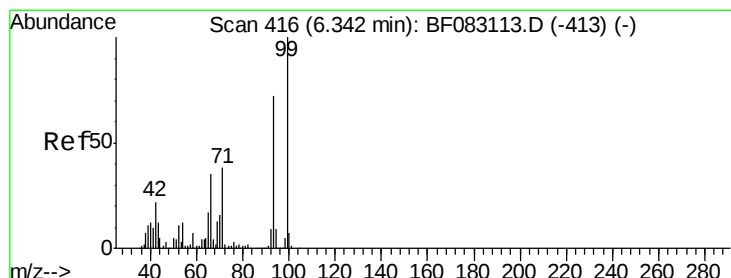
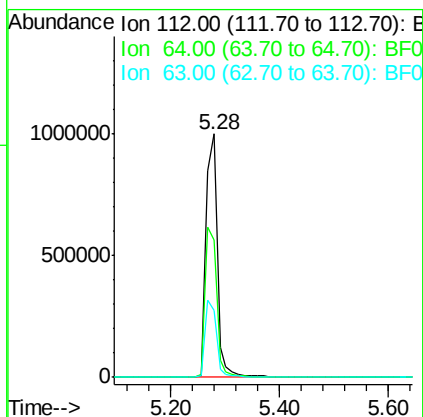
112 100

64 56.5 58.4 87.6#

63 27.6 30.0 45.0#

Manual Integrations
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#6

Aniline

Concen: 24.39 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

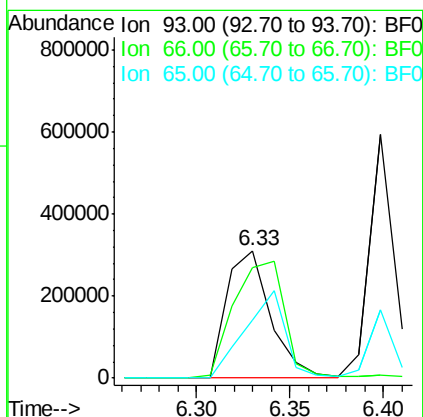
Tgt Ion: 93 Resp: 513322

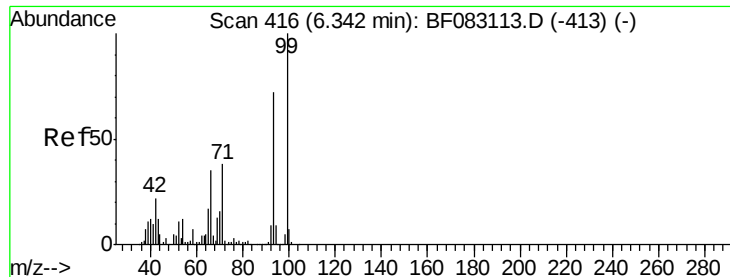
Ion Ratio Lower Upper

93 100

66 86.8 38.7 58.1#

65 45.8 18.6 27.8#





#7

Phenol-d6

Concen: 109.61 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tot Ion: 99 Resp: 1887300

Ion Ratio Lower Upper

99 100

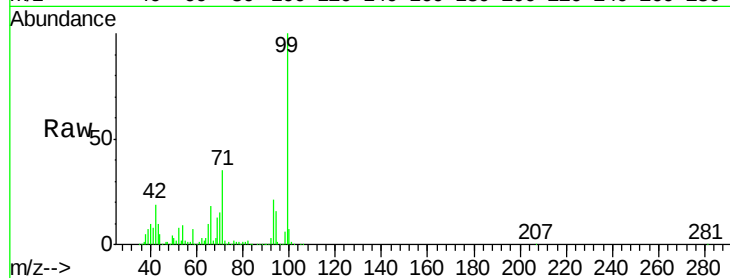
42 19.2 17.7 26.5

71 34.7 30.2 45.4

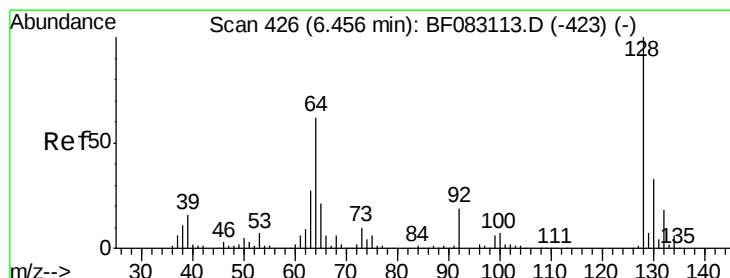
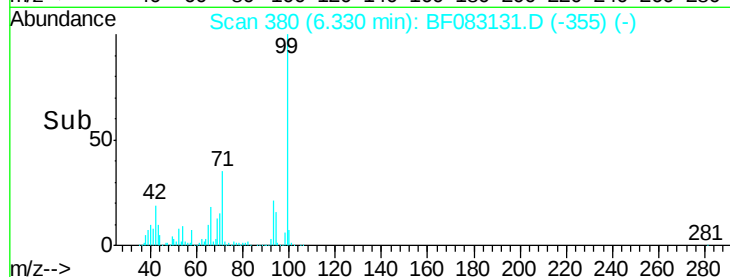
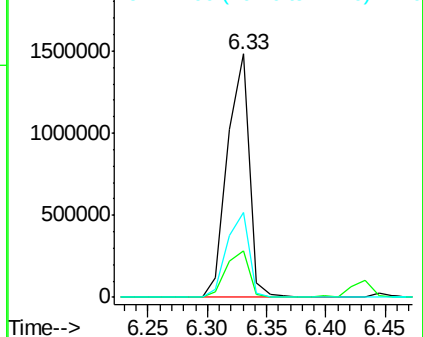
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.76 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

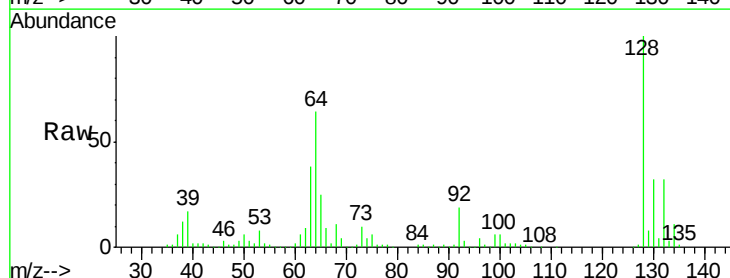
Tgt Ion:128 Resp: 499693

Ion Ratio Lower Upper

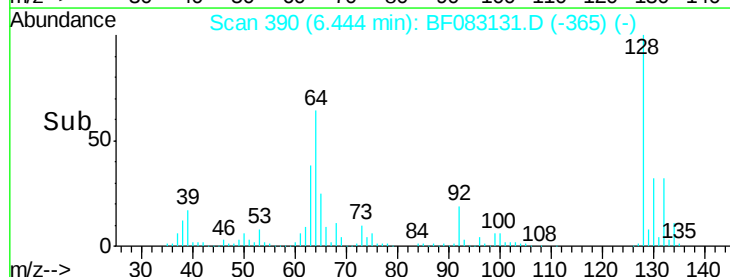
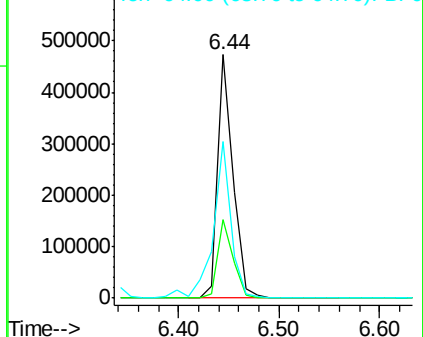
128 100

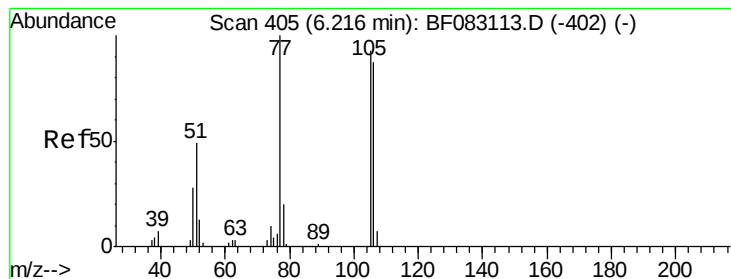
130 32.5 12.6 52.6

64 64.1 41.9 81.9



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





#9

Benzaldehyde

Concen: 40.70 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

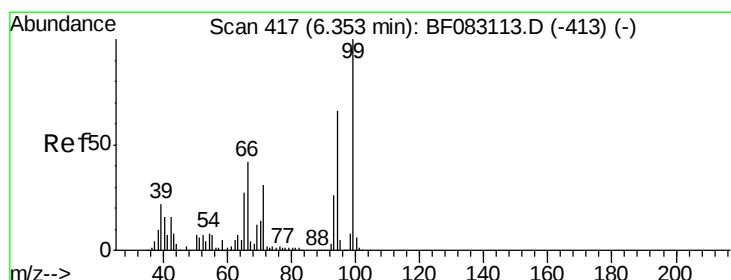
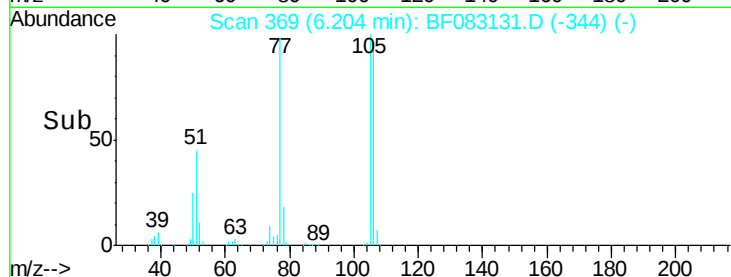
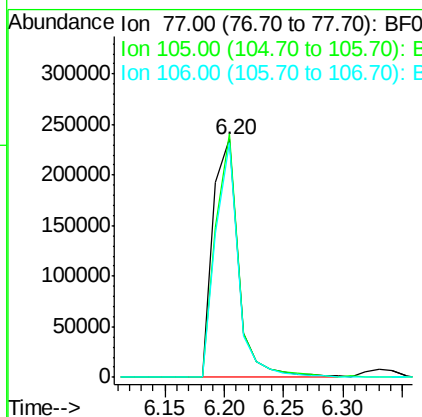
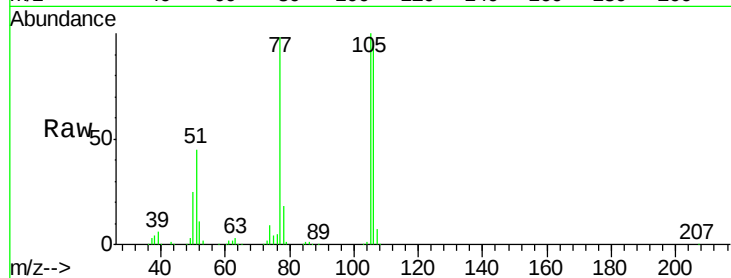
ClientSampleId :

PB86744BS

Tot Ion:	77	Resp:	349487
Ion Ratio	Lower	Upper	
77	100		
105	102.3	73.4	113.4
106	98.4	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 35.53 ng

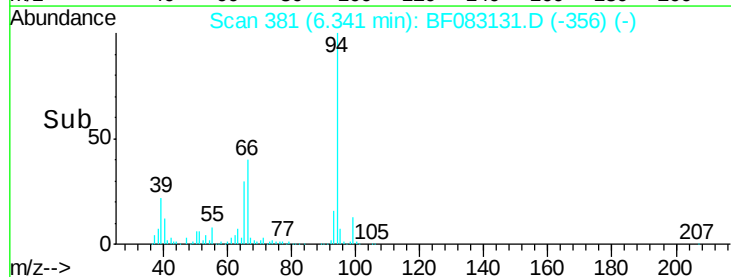
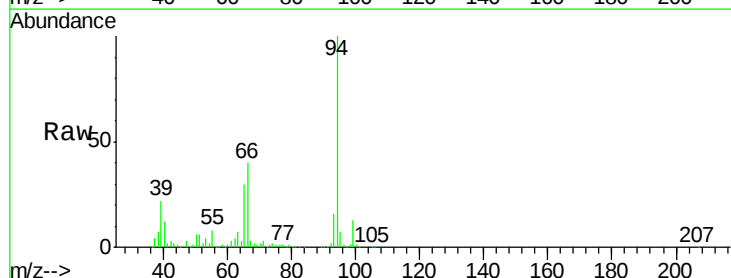
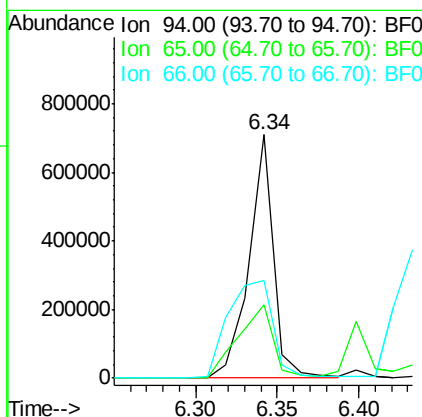
RT: 6.34 min Scan# 381

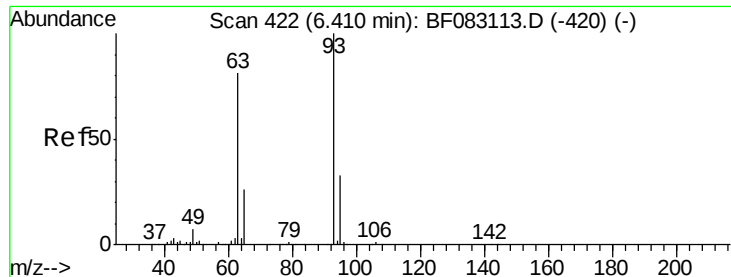
Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	94	Resp:	740057
Ion Ratio	Lower	Upper	
94	100		
65	30.2	21.1	61.1
66	40.3	43.1	83.1#





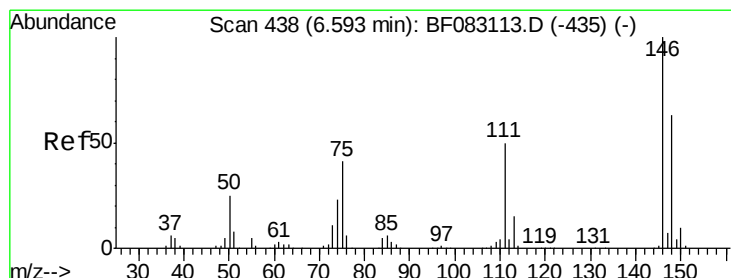
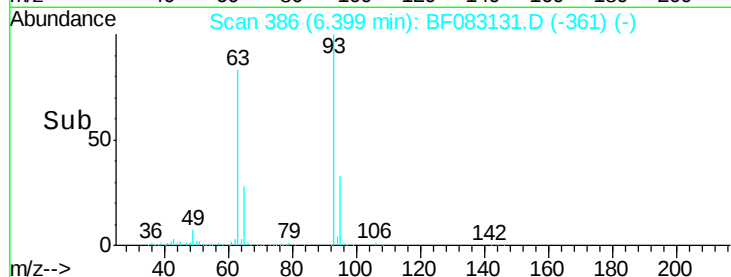
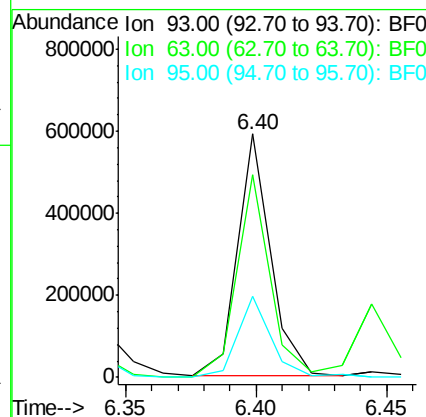
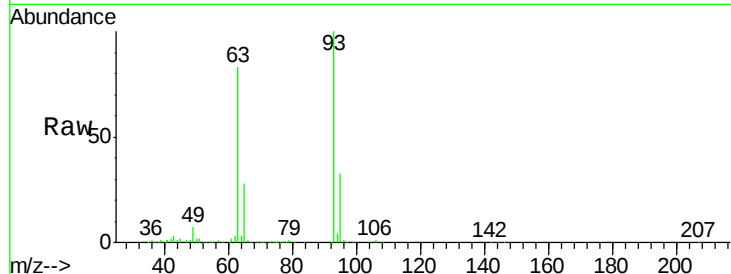
#11
bis(2-Chloroethyl)ether
Concen: 35.21 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	93	Resp	523730
Ion Ratio	Lower	Upper	
93	100		
63	83.5	59.8	99.8
95	33.4	13.0	53.0

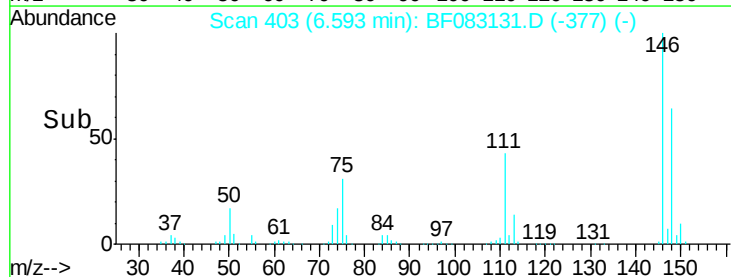
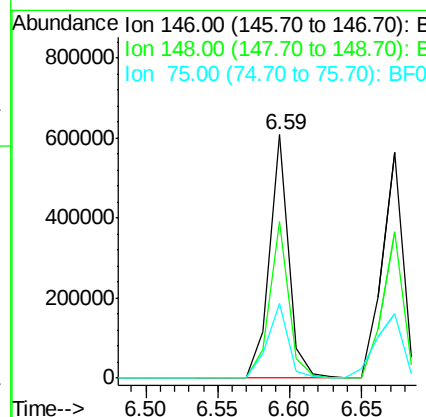
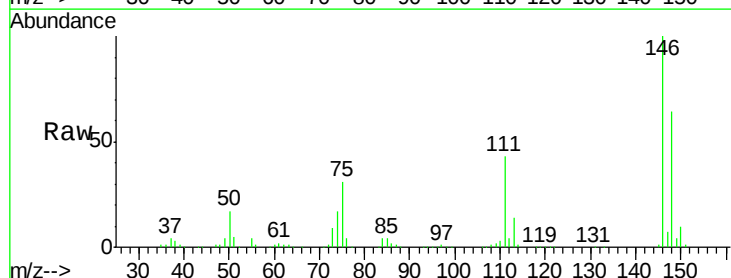
Manual Integrations
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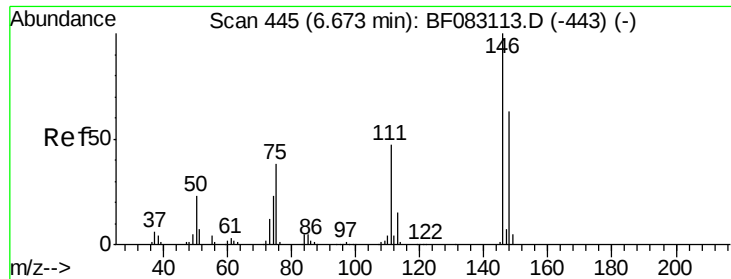
Mmdadoda
11/23/2015 7:01:37 PM



#12
1,3-Dichlorobenzene
Concen: 33.84 ng m
RT: 6.59 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	146	Resp	555475
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.2	75.2
75	30.6	32.7	49.1#





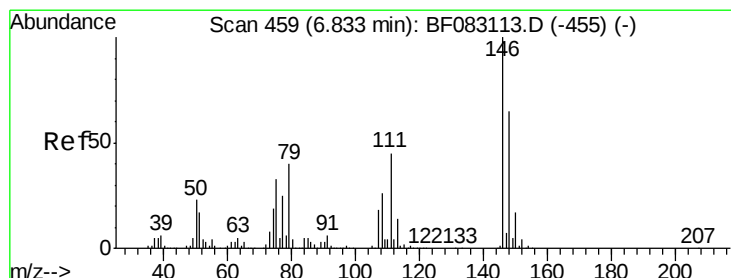
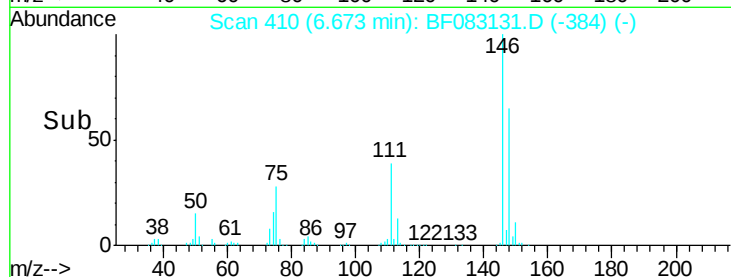
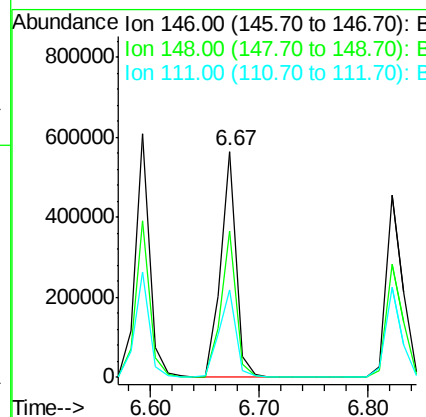
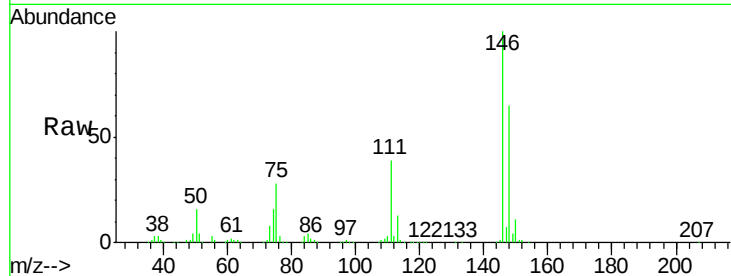
#13
1,4-Dichlorobenzene
Concen: 34.41 ng
RT: 6.67 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.2	75.2
111	38.9	37.5	56.3

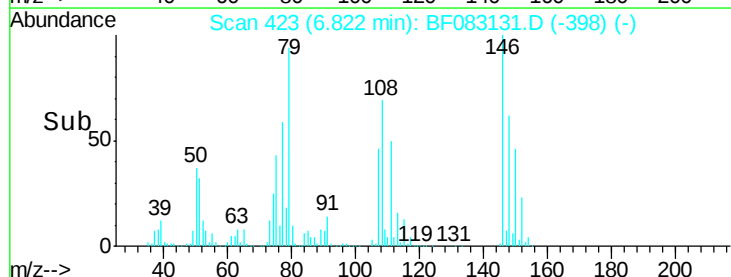
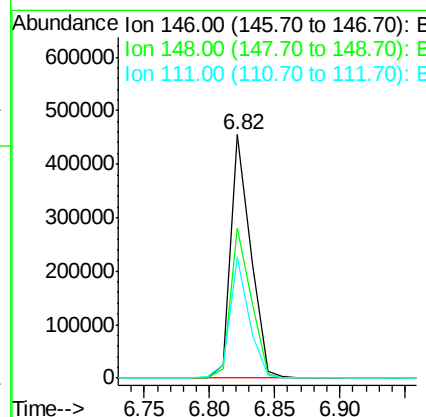
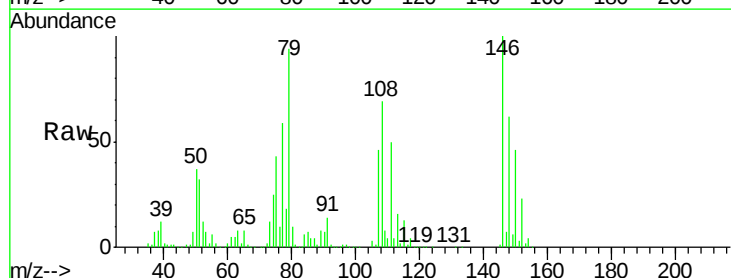
Manual Integrations
APPROVED

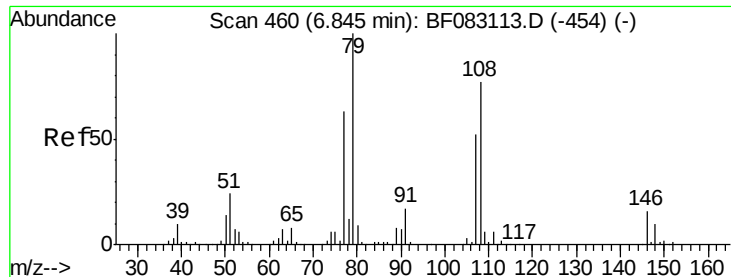
Mmdadoda
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#14
1,2-Dichlorobenzene
Concen: 32.29 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.6
111	49.5	36.2	54.4





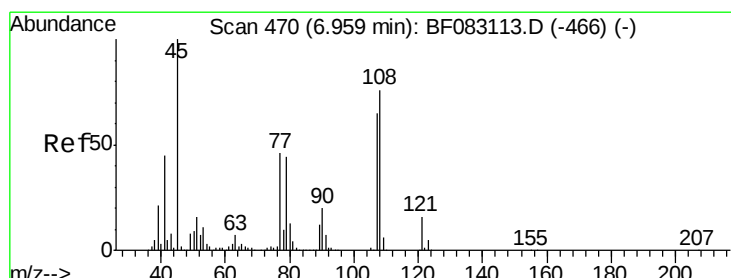
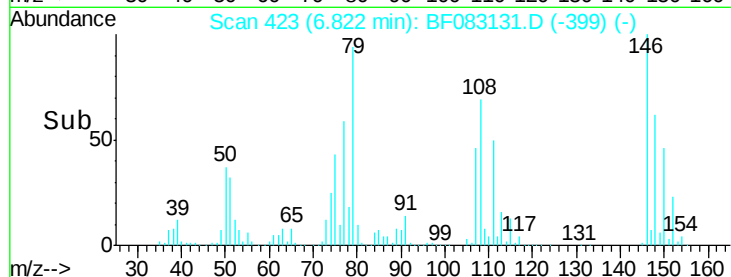
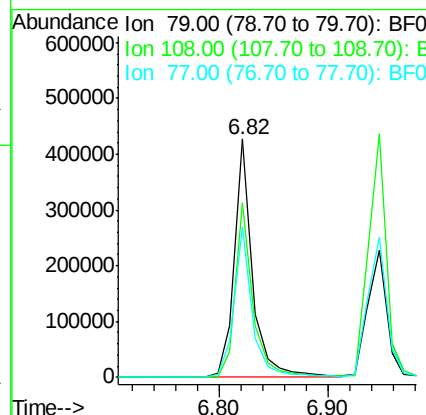
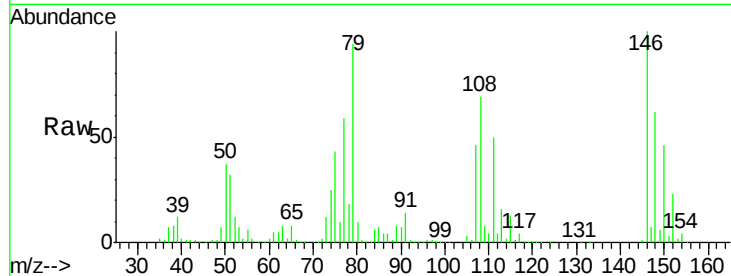
#15
Benzyl Alcohol
Concen: 34.17 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	491564		
108	73.2	61.4	92.2	
77	63.0	50.5	75.7	

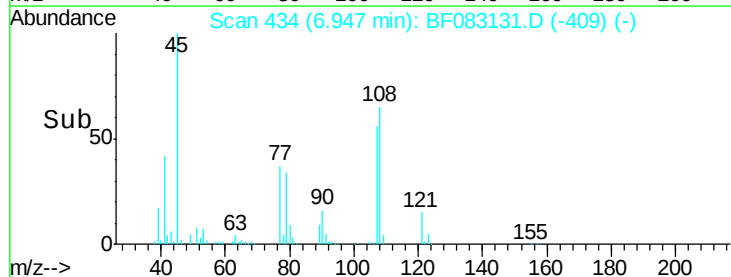
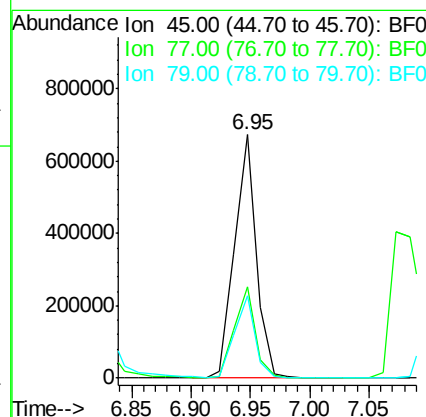
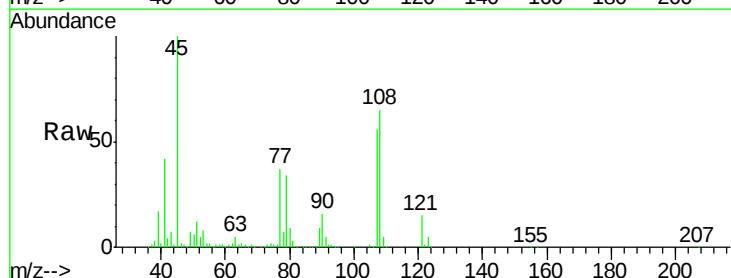
Manual Integrations
APPROVED

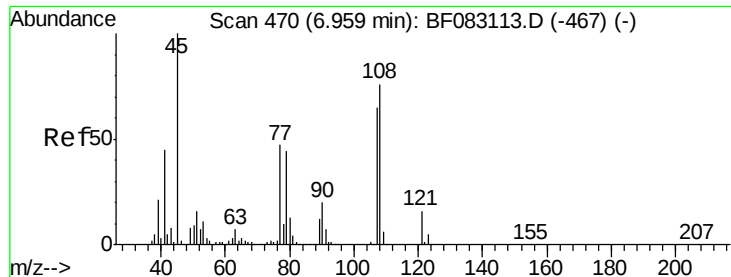
Mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.79 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	853294		
77	37.3	26.7	66.7	
79	34.0	24.3	64.3	





#17

2-Methylphenol

Concen: 35.85 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

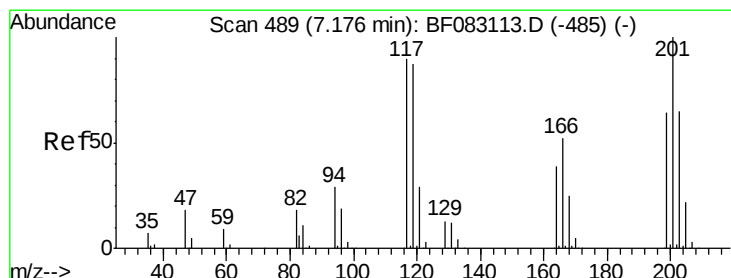
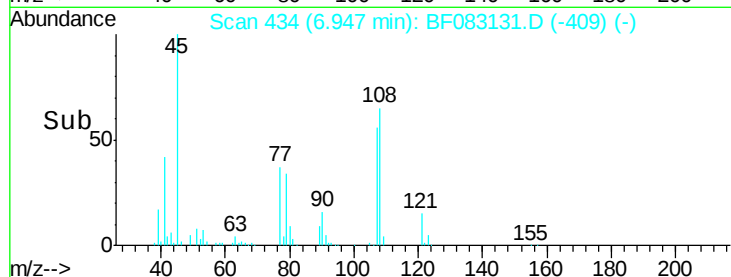
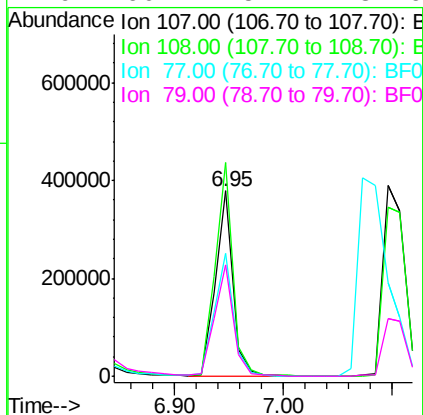
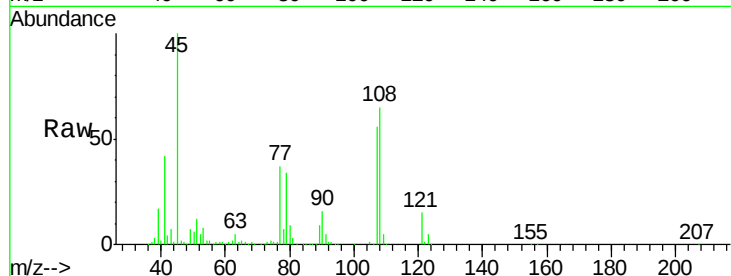
ClientSampleId :

PB86744BS

Tot Ion:	107	Resp:	426473
Ion Ratio	Lower	Upper	
107	100		
108	115.3	93.8	140.6
77	66.4	57.4	86.0
79	60.4	54.4	81.6

Manual Integrations
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#18

Hexachloroethane

Concen: 33.51 ng

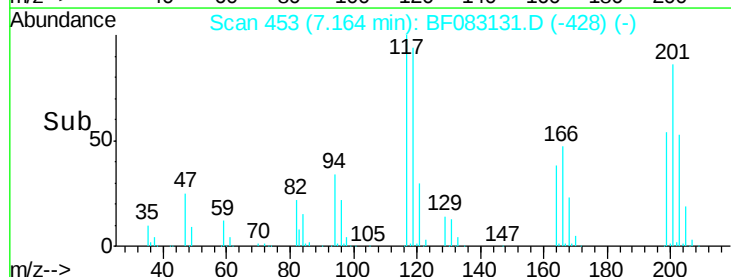
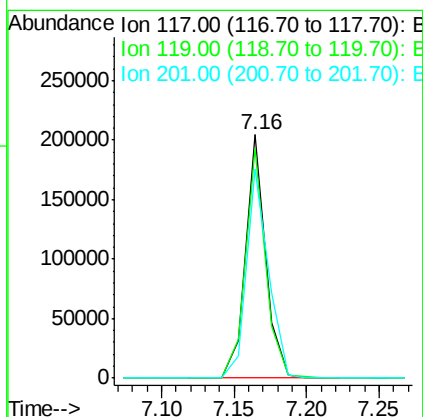
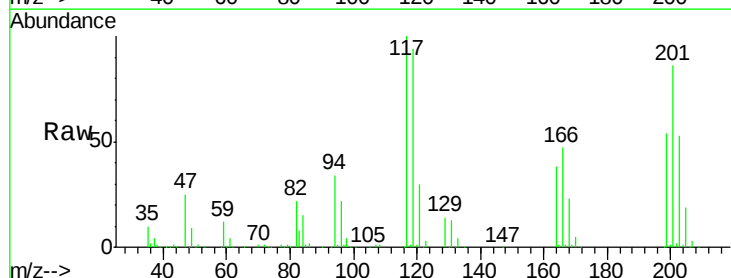
RT: 7.16 min Scan# 453

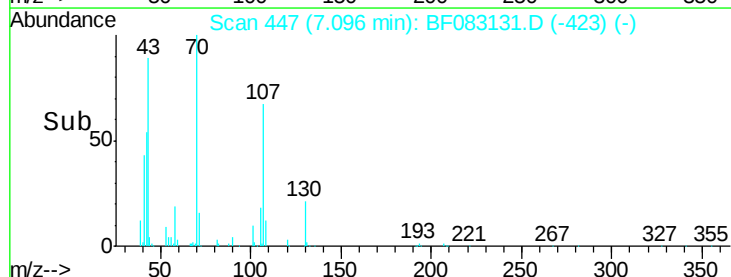
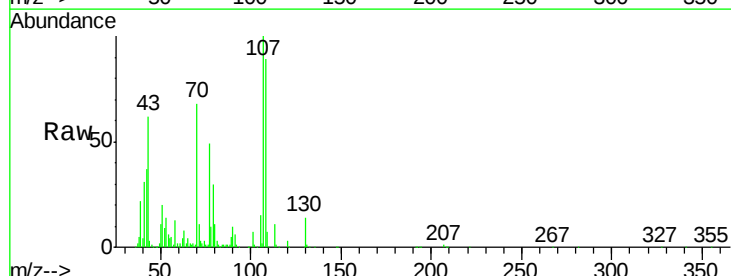
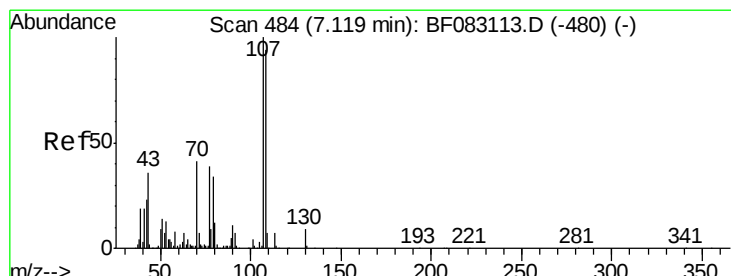
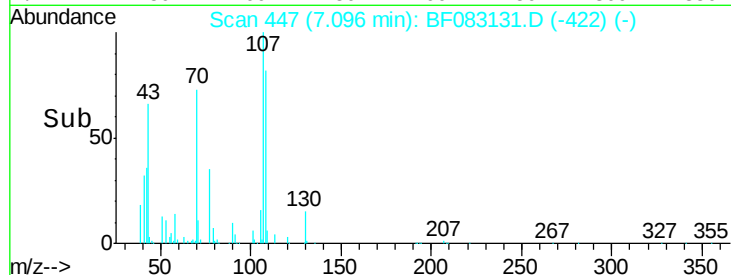
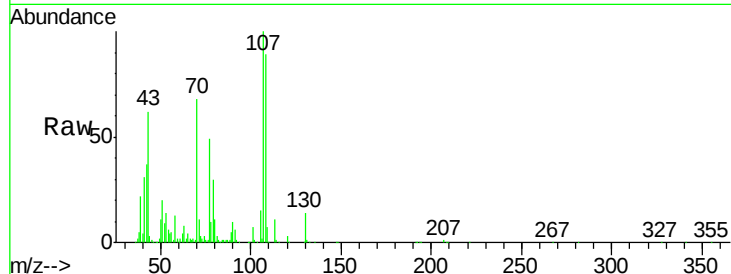
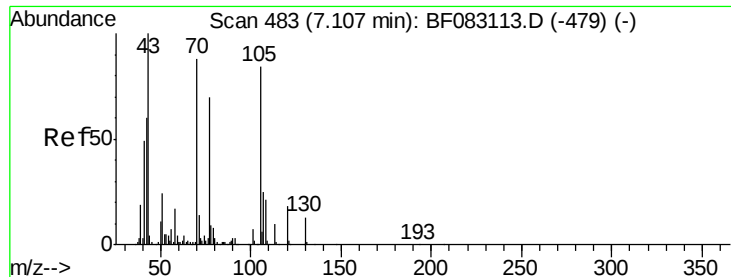
Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	117	Resp:	196001
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.8	115.2
201	86.1	88.6	133.0#





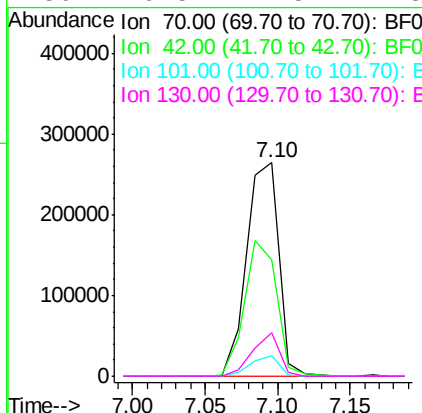
#19
n-Nitroso-di-n-propylamine
Concen: 33.92 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.4	54.5	81.7#		
101	9.8	6.6	9.8		
130	20.5	11.5	17.3#		

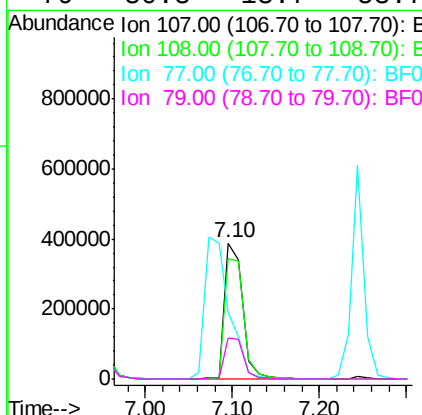
Manual Integrations
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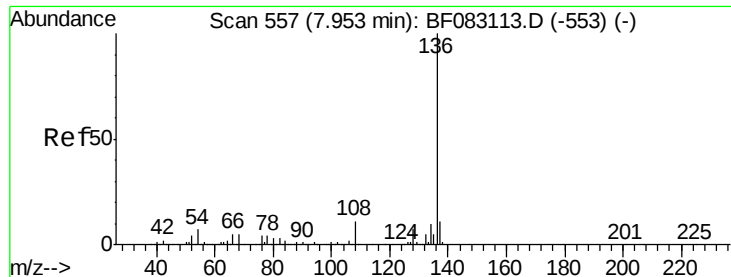
Mmdadoda
11/23/2015 7:01:37 PM



#20
3+4-Methylphenols
Concen: 37.15 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083113.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.6	73.8	113.8		
77	49.2	19.1	59.1		
79	30.3	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: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

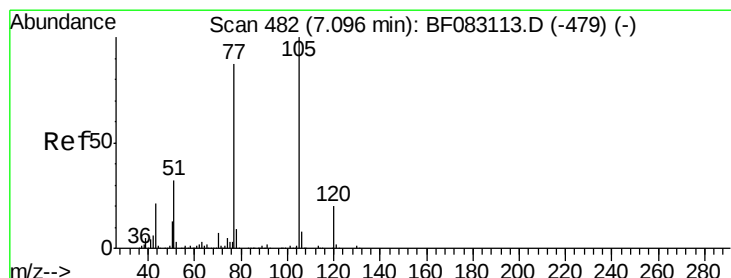
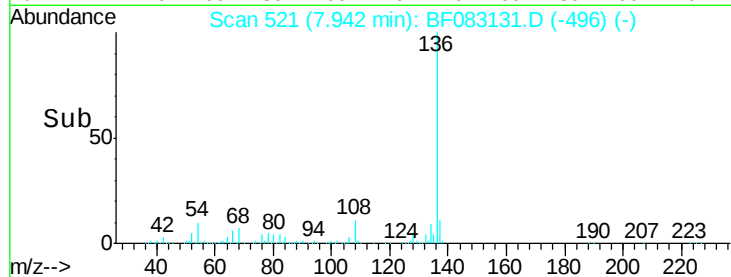
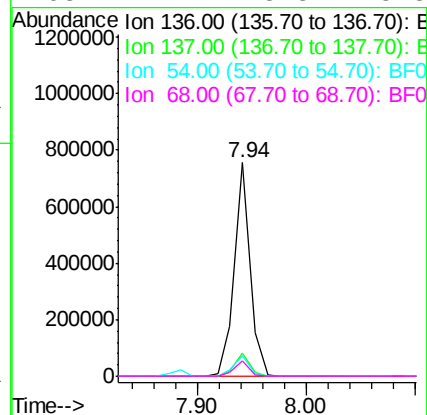
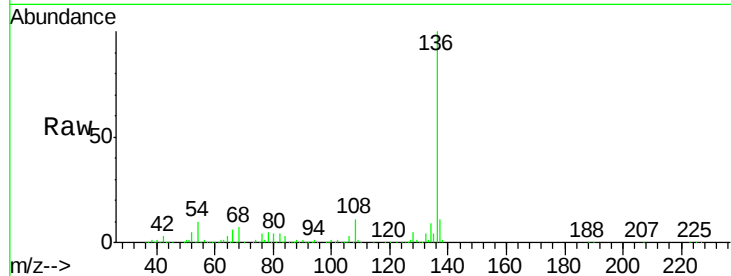
ClientSampleId :

PB86744BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.9	5.8	8.6#
68	7.1	3.8	5.8#

Manual Integrations
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#22

Acetophenone

Concen: 33.06 ng

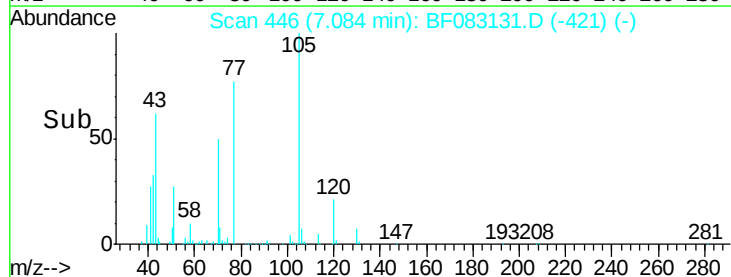
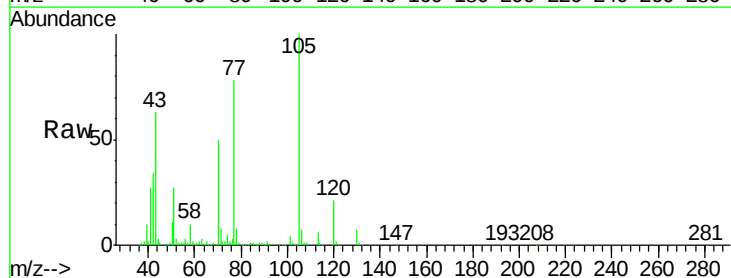
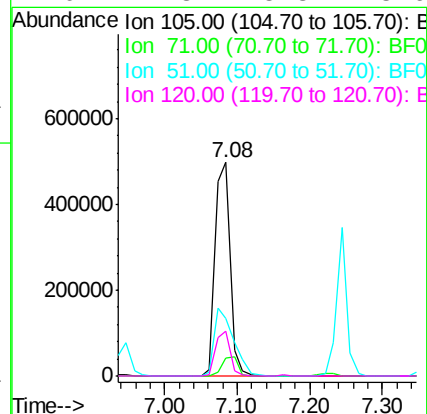
RT: 7.08 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.2	1.0	1.4#
51	27.0	25.6	38.4
120	21.3	15.8	23.6





#23
 Nitrobenzene-d5
 Concen: 71.87 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

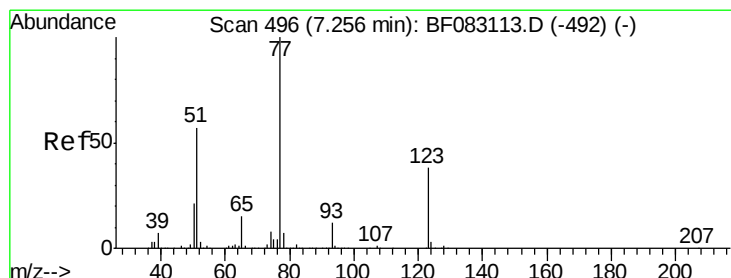
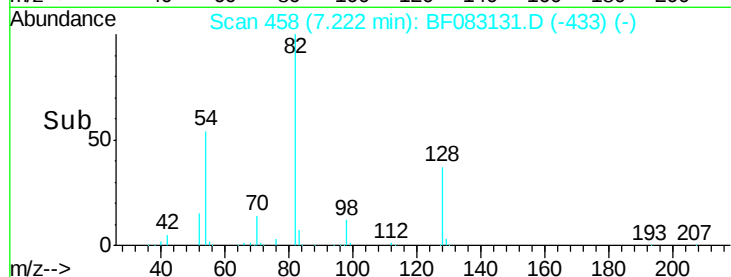
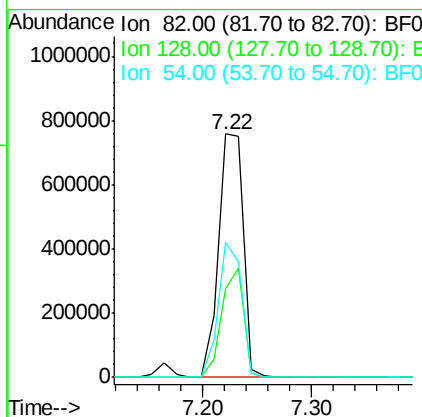
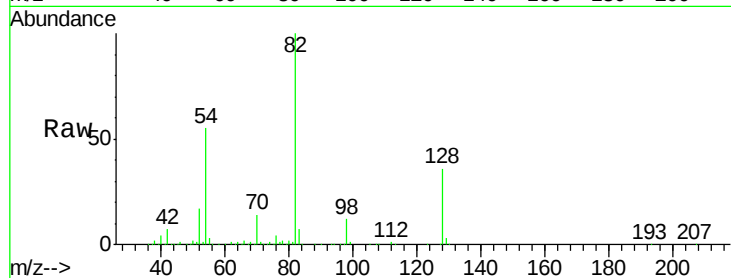
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion: 82 Resp: 1190084

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.5	42.7
54	55.1	44.6	67.0

Manual Integrations
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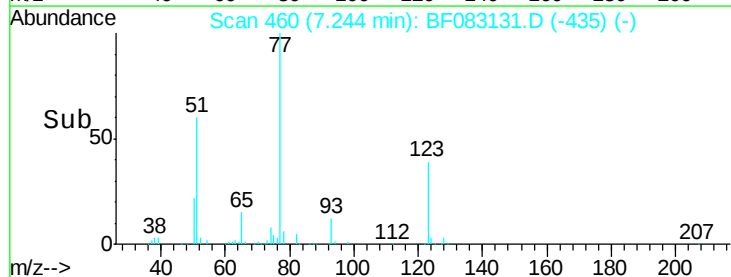
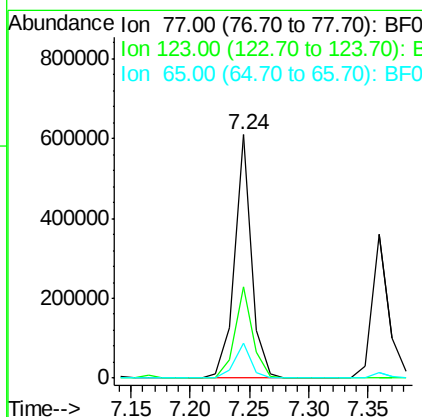
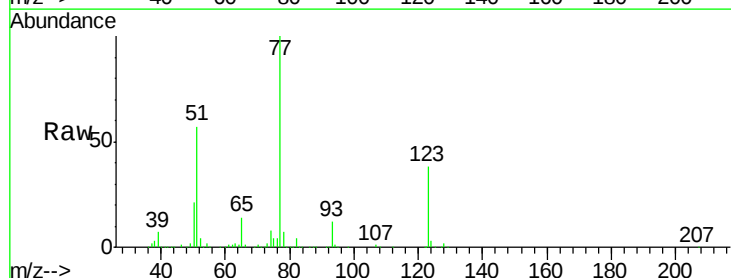
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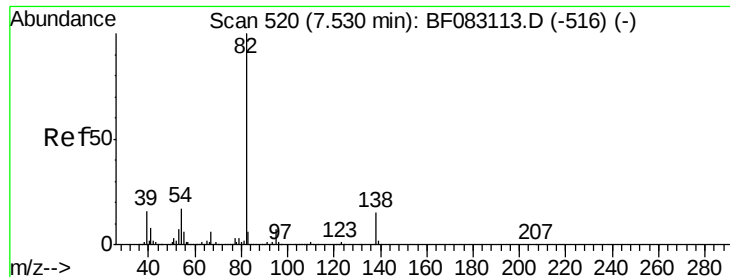


#24
 Nitrobenzene
 Concen: 34.10 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion: 77 Resp: 603232

Ion	Ratio	Lower	Upper
77	100		
123	37.7	30.1	45.1
65	14.2	11.6	17.4





#25

Isophorone

Concen: 34.09 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tot Ion: 82 Resp: 1068843

Ion Ratio Lower Upper

82 100

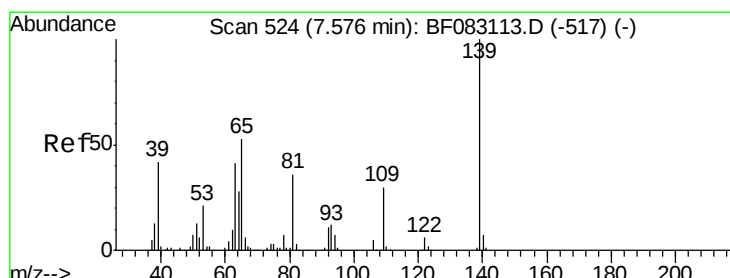
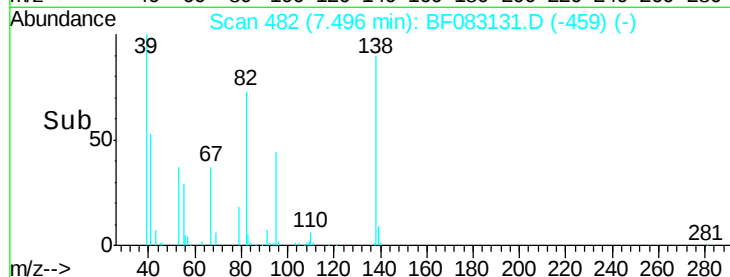
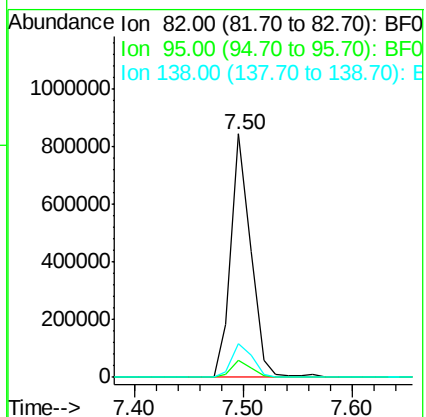
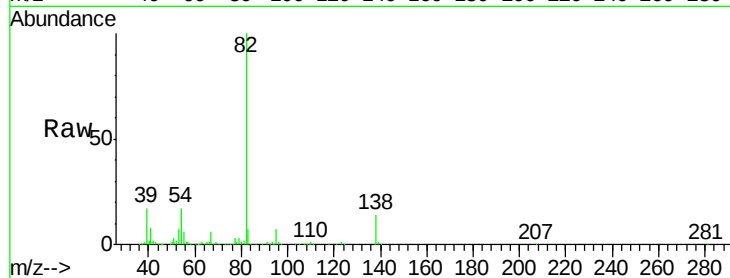
95 6.8 5.8 8.8

138 13.8 11.6 17.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.99 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

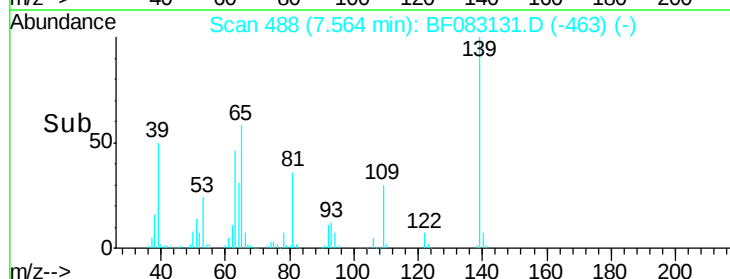
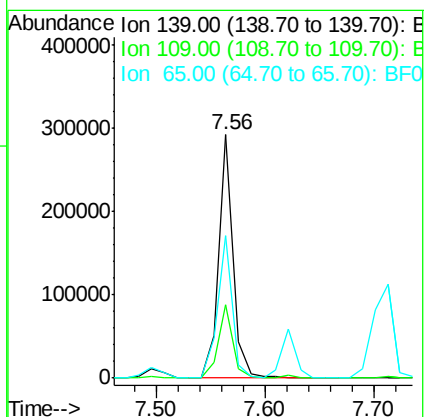
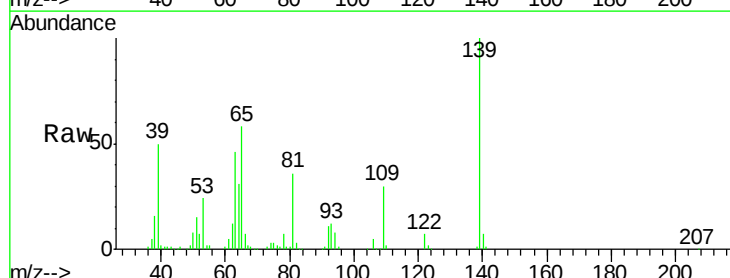
Tgt Ion: 139 Resp: 273313

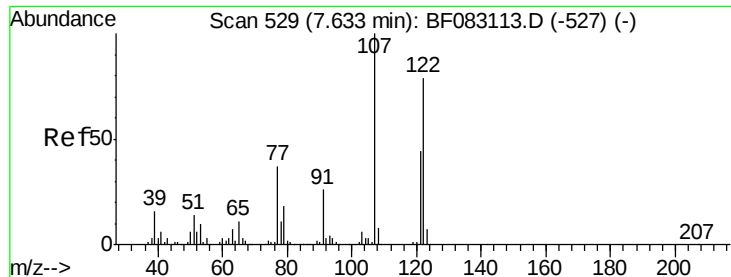
Ion Ratio Lower Upper

139 100

109 30.2 23.9 35.9

65 58.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 36.39 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

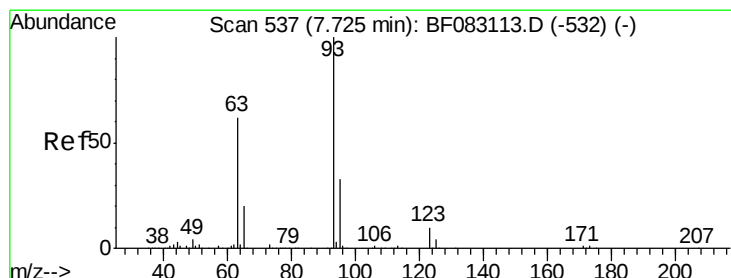
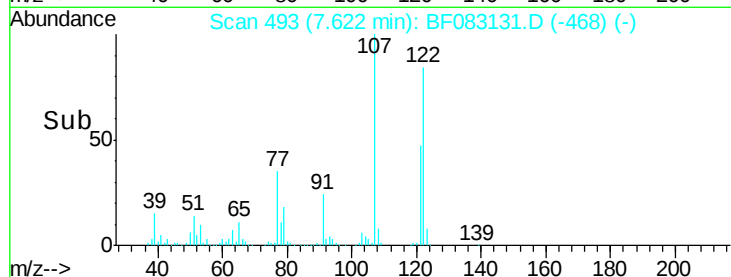
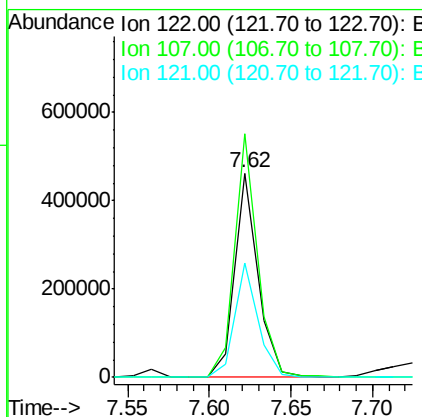
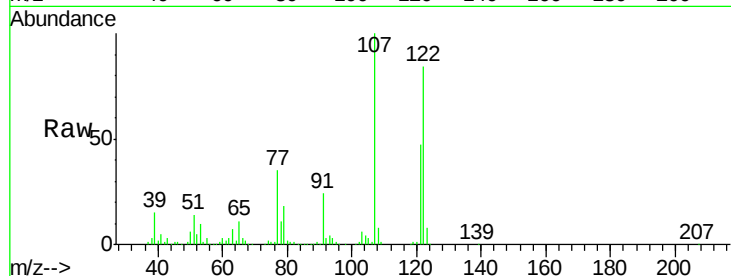
ClientSampleId :

PB86744BS

Tot Ion:	122	Resp:	453563
Ion Ratio	Lower	Upper	
122	100		
107	119.1	101.1	151.7
121	56.1	44.9	67.3

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#28

bis(2-Chloroethoxy)methane

Concen: 36.19 ng

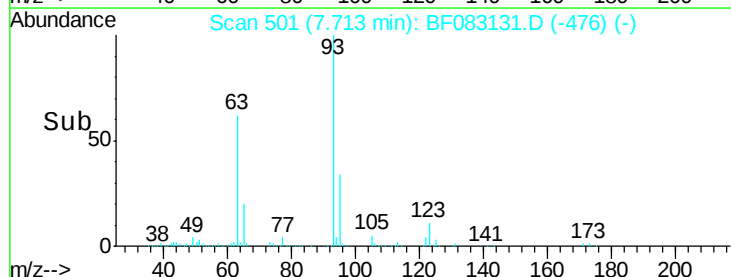
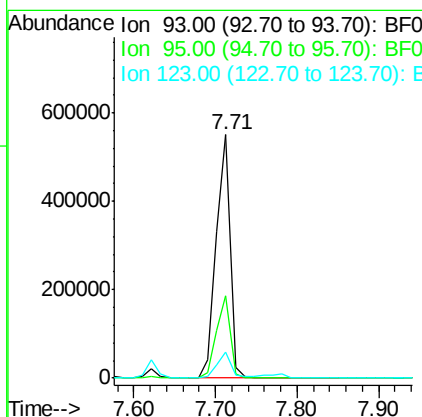
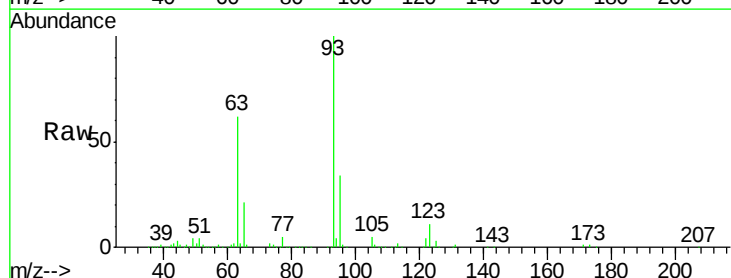
RT: 7.71 min Scan# 501

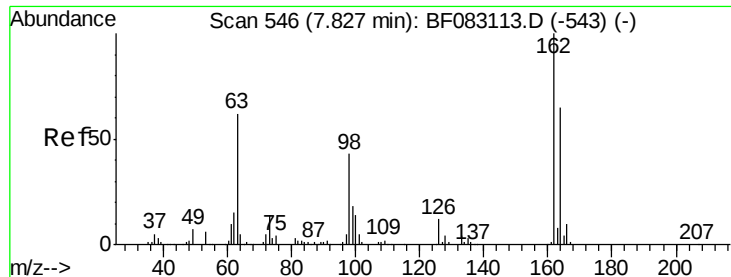
Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	93	Resp:	659597
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.5	39.7
123	10.9	8.1	12.1





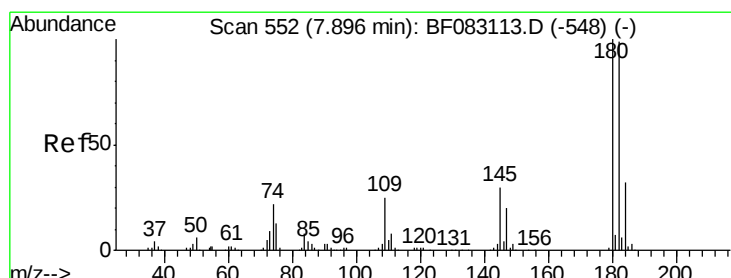
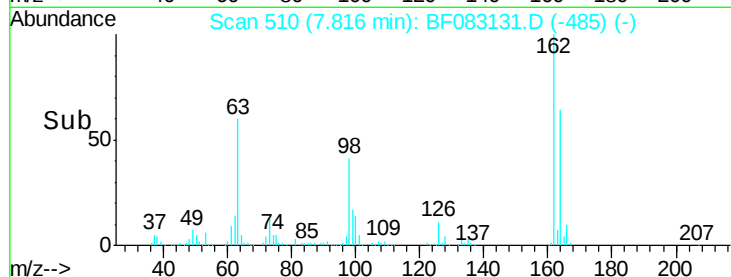
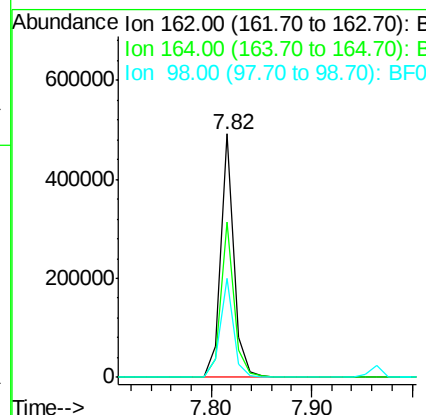
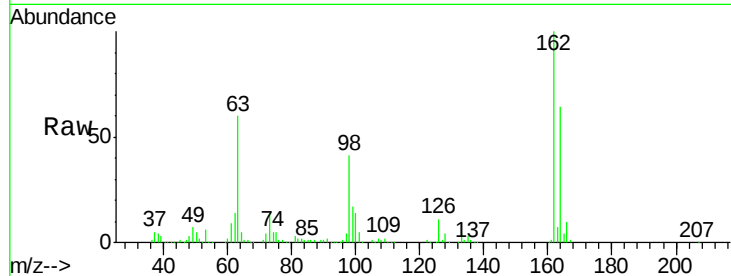
#29
2,4-Dichlorophenol
Concen: 37.89 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449204		
164	63.9	44.8	84.8	
98	40.8	23.1	63.1	

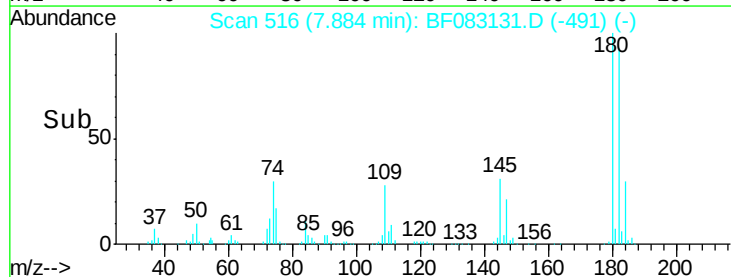
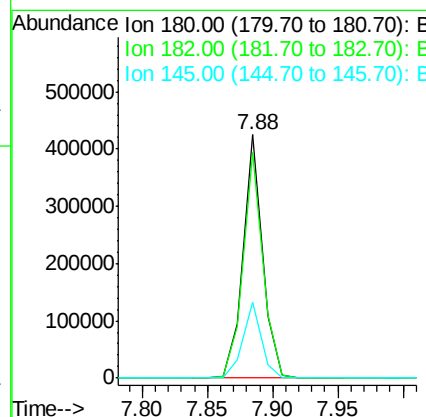
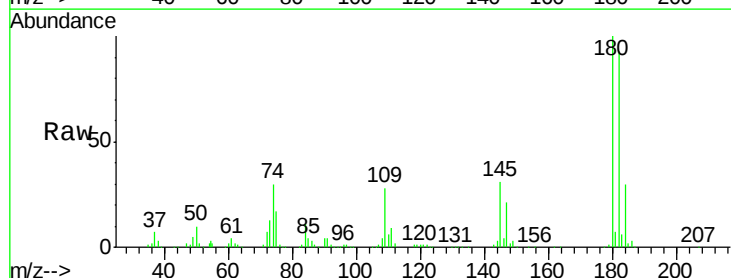
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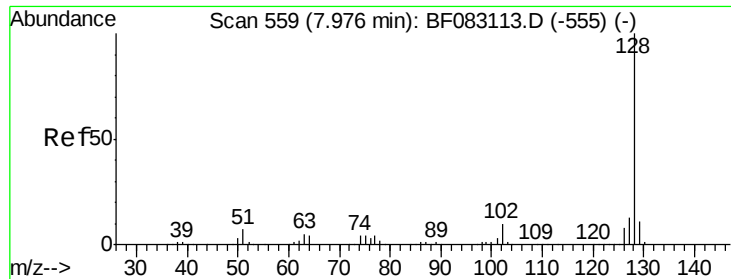
Mmdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 33.63 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	438027		
182	92.7	79.0	118.6	
145	30.9	24.2	36.2	





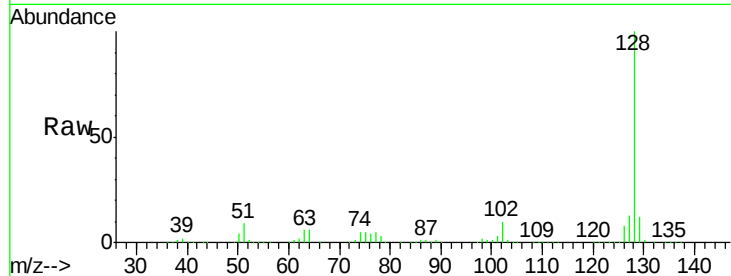
#31
Naphthalene
Concen: 35.21 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

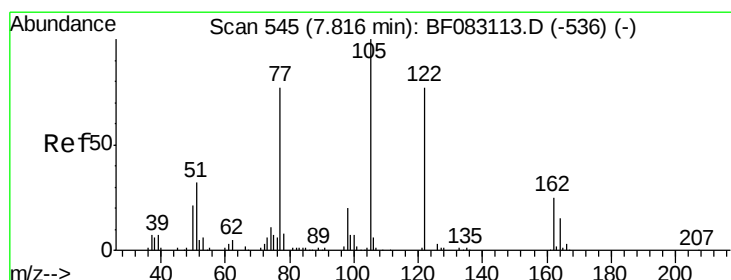
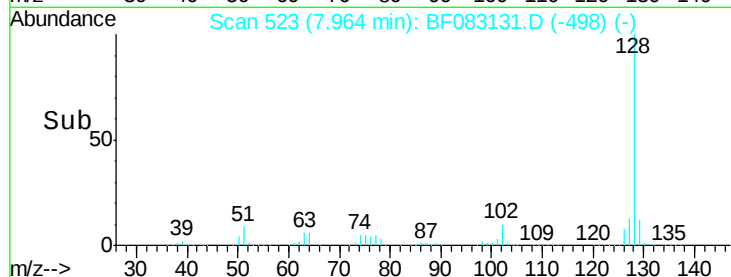
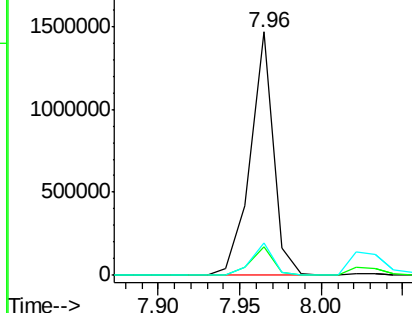
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.3	10.6	15.8

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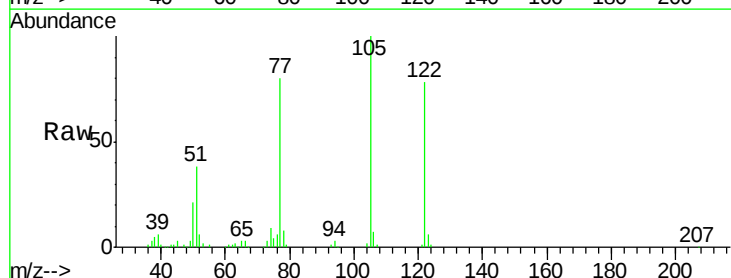


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

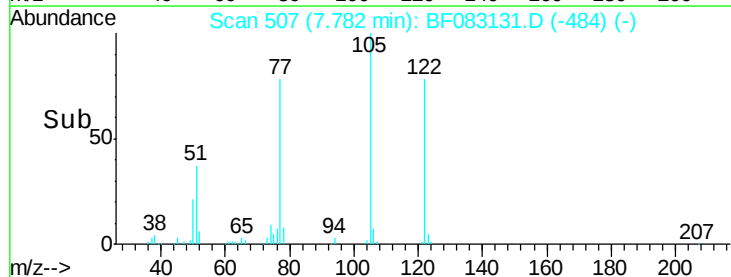
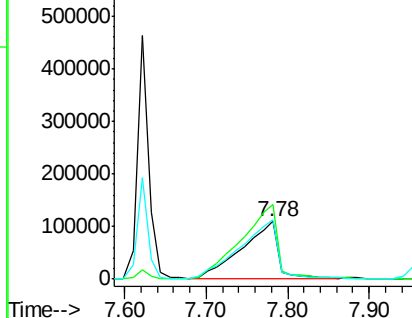


#32
Benzoic acid
Concen: 34.67 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	109.7	149.7
77	102.5	79.7	119.7



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





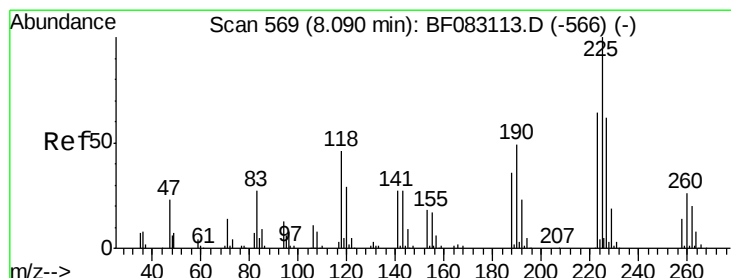
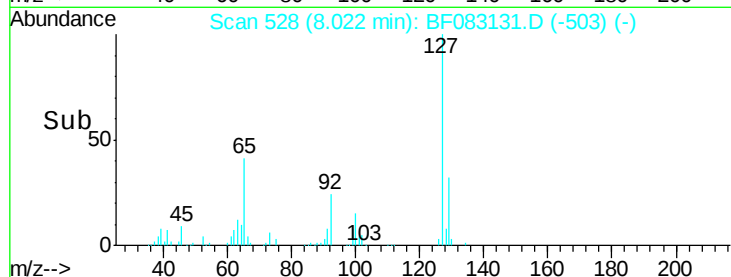
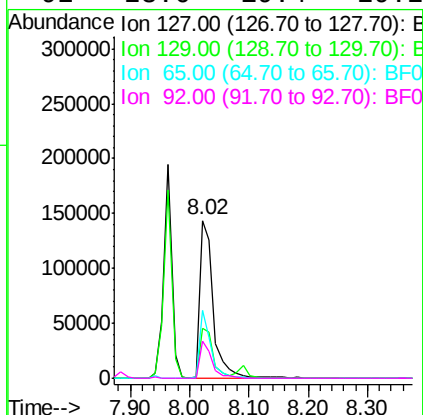
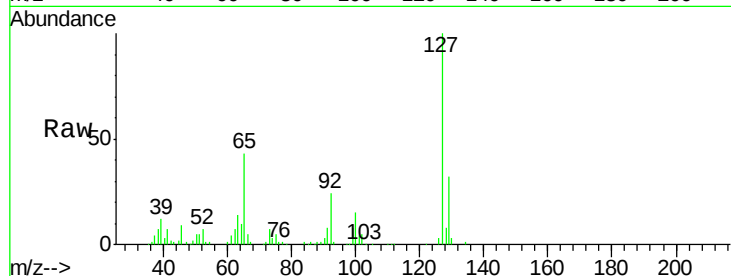
#33
4-Chloroaniline
Concen: 14.88 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		235762		
129	31.7	25.7	38.5		
65	42.9	35.5	53.3		
92	23.6	19.4	29.2		

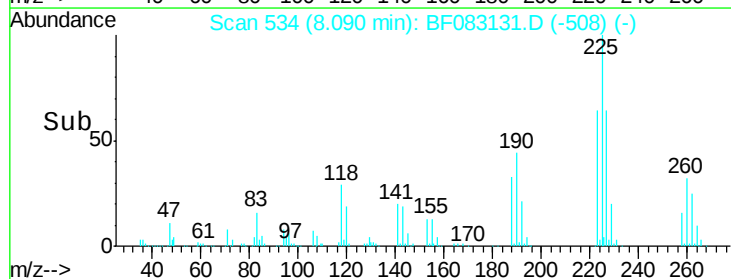
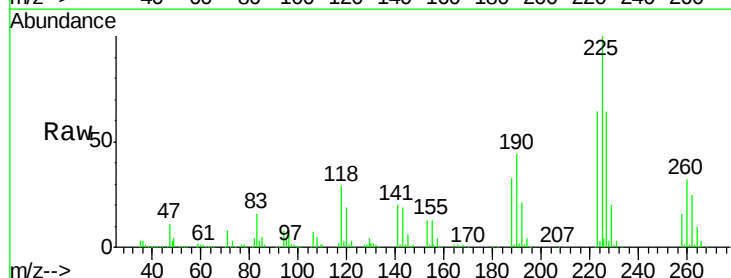
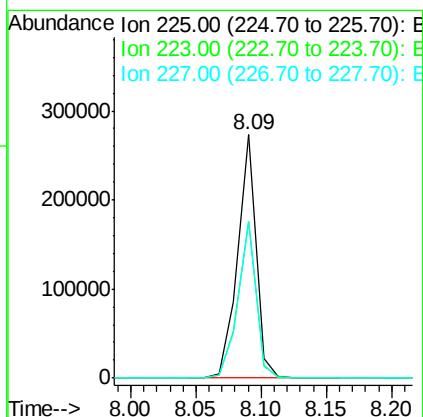
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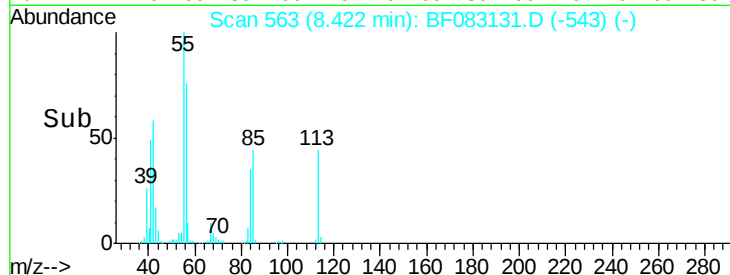
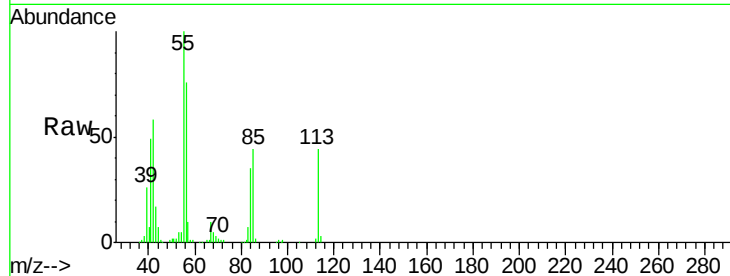
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#34
Hexachlorobutadiene
Concen: 34.49 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		265435		
223	64.1	51.3	76.9		
227	64.1	49.8	74.8		





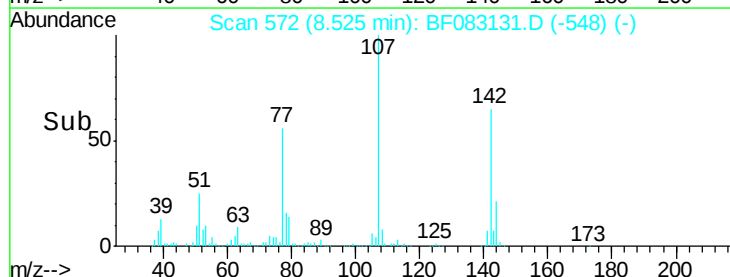
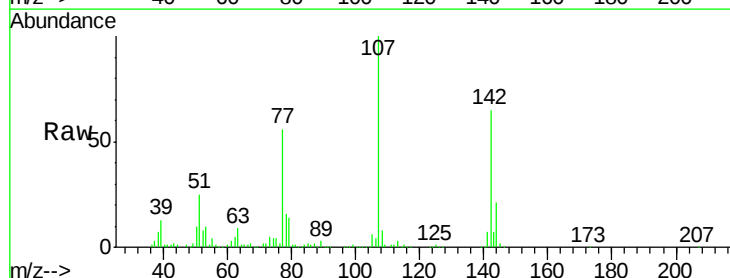
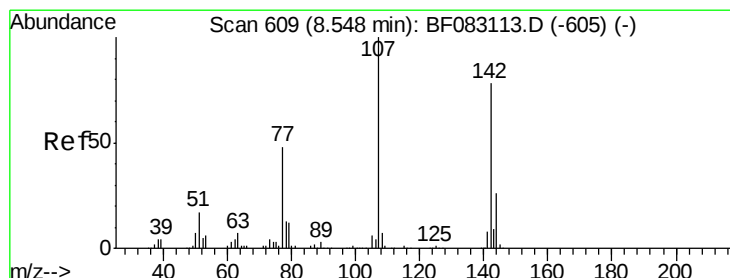
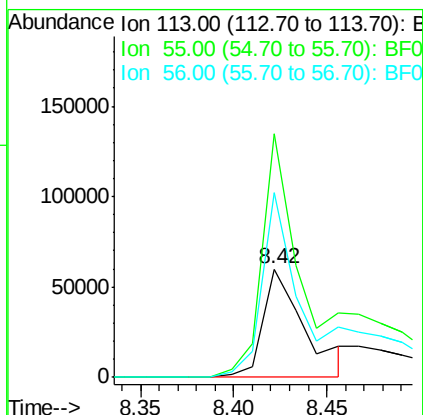
#35
Caprolactam
Concen: 24.16 ng
RT: 8.42 min Scan# 563
Delta R.T. -0.07 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.6	192.6	232.6
56	171.0	148.6	188.6

Instrument :
BNA_F
ClientSampleId :
PB86744BS

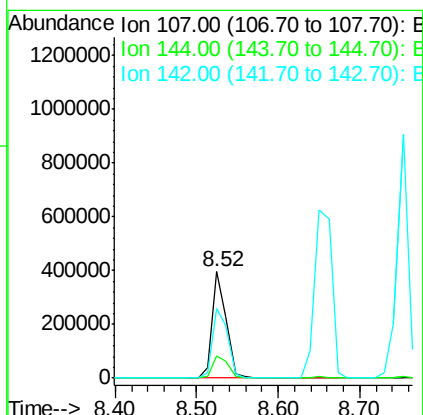
Manual Integrations
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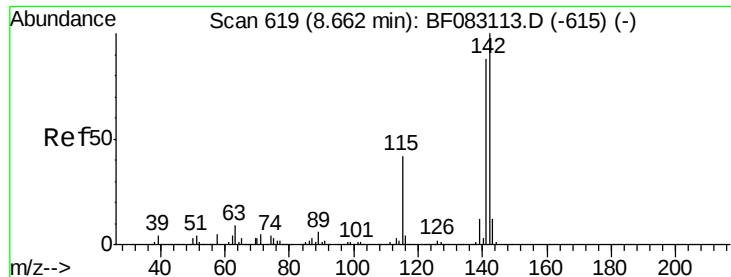
Mmdadoda
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#36
4-Chloro-3-methylphenol
Concen: 34.89 ng
RT: 8.52 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.8	20.8	31.2
142	65.5	62.1	93.1





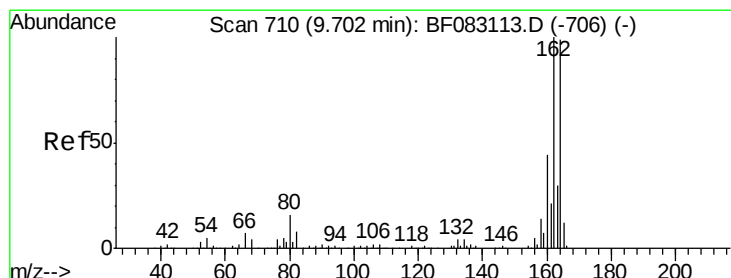
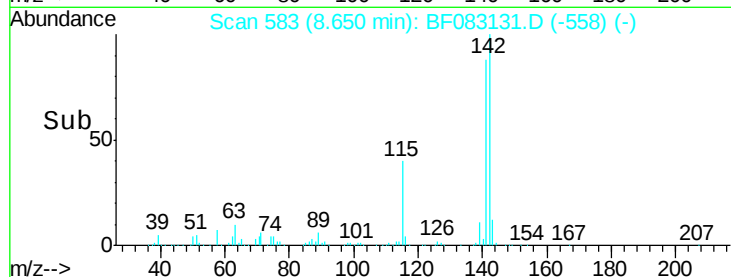
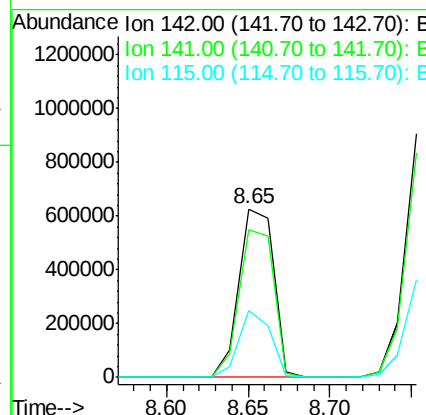
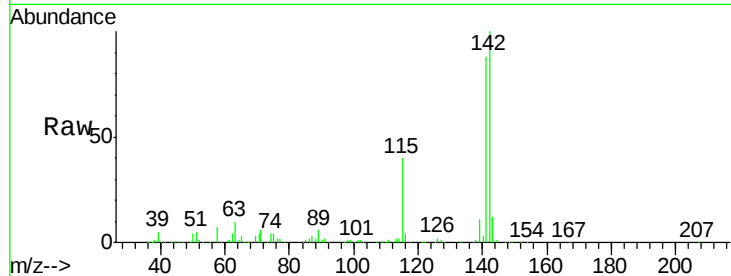
#37
2-Methylnaphthalene
Concen: 34.87 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	39.9	33.4	50.2

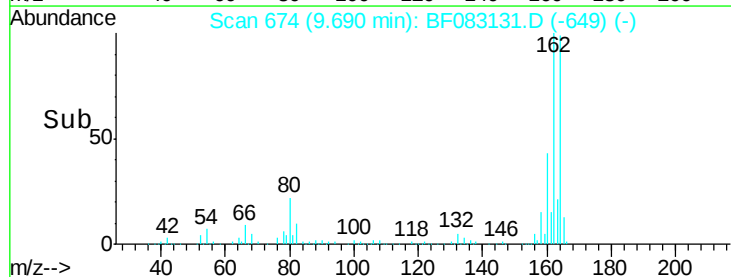
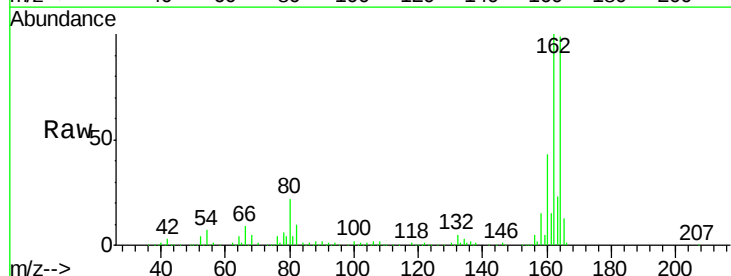
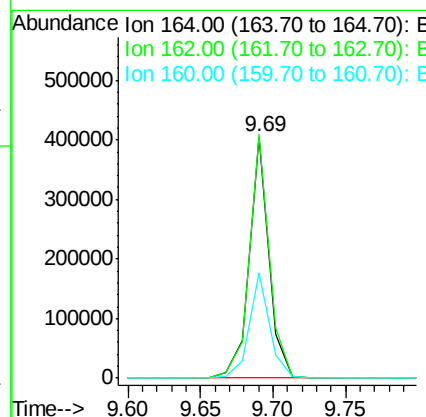
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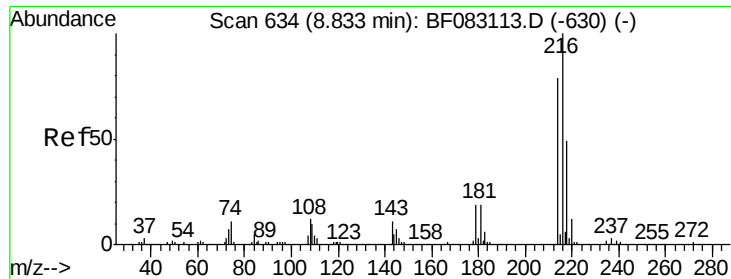
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	43.5	35.6	53.4





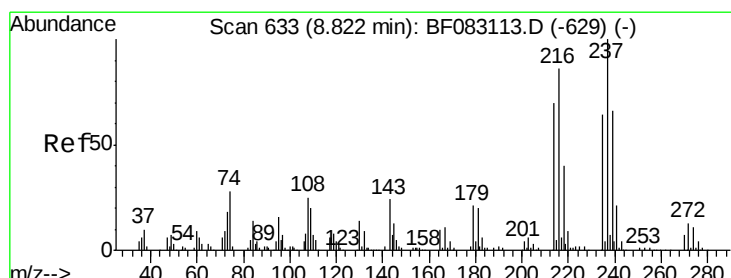
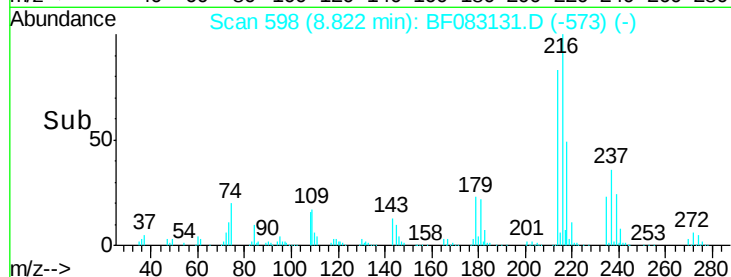
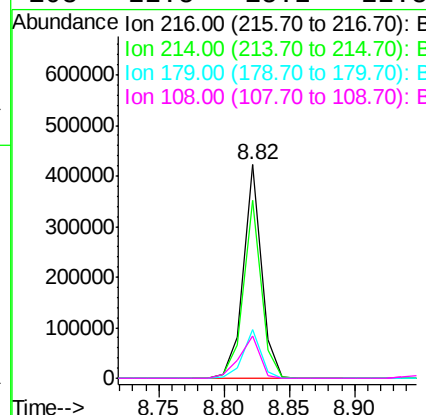
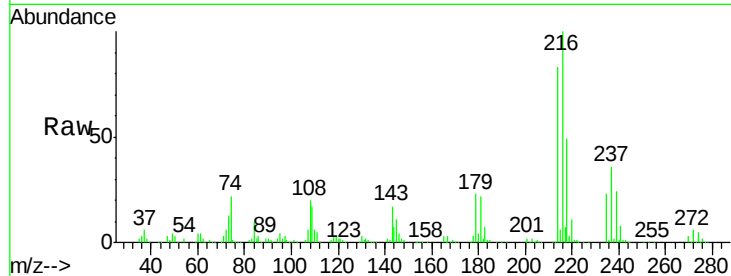
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.06 ng
 RT: 8.82 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		407105		
214	81.6	63.8	95.8		
179	22.2	17.0	25.6		
108	22.5	15.2	22.8		

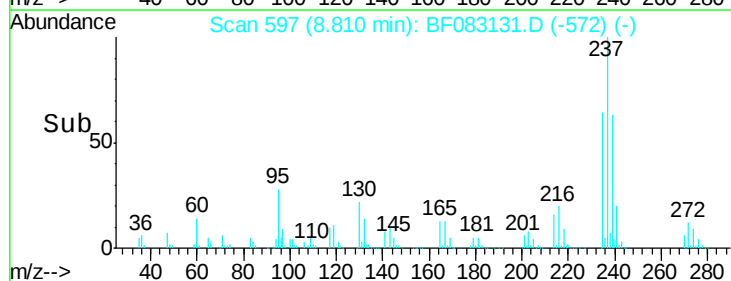
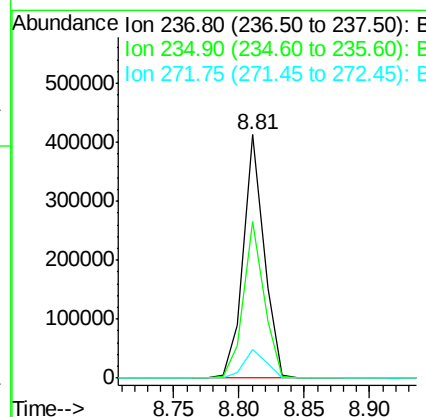
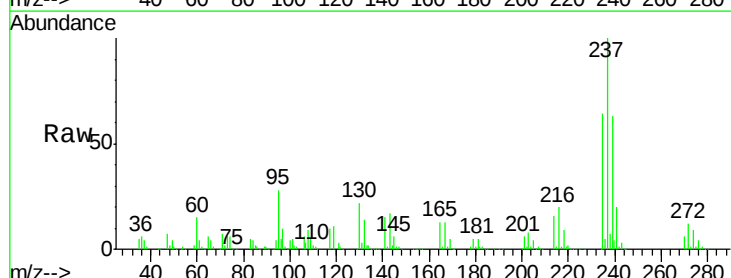
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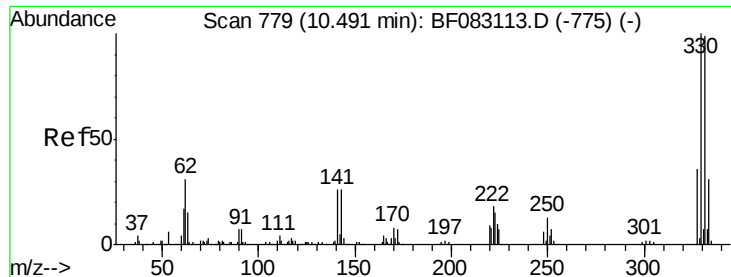
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#40
 Hexachlorocyclopentadiene
 Concen: 65.42 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		458020		
235	64.4	43.5	83.5		
272	11.9	0.0	33.1		





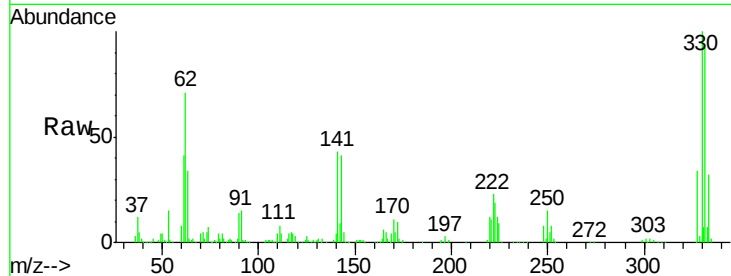
#41
 2,4,6-Tribromophenol
 Concen: 100.75 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	391578		
332	93.6	77.7	116.5	
141	41.9	29.7	44.5	

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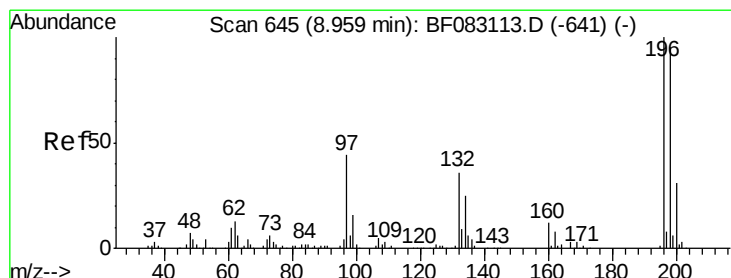
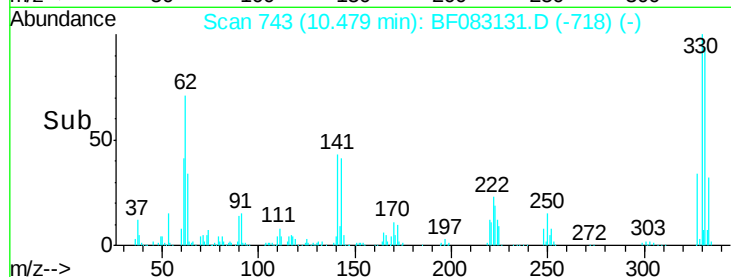
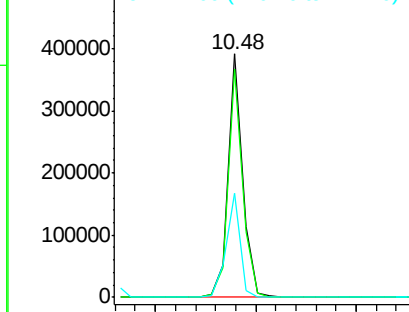


Abundance

Ion 329.80 (329.50 to 330.50): E

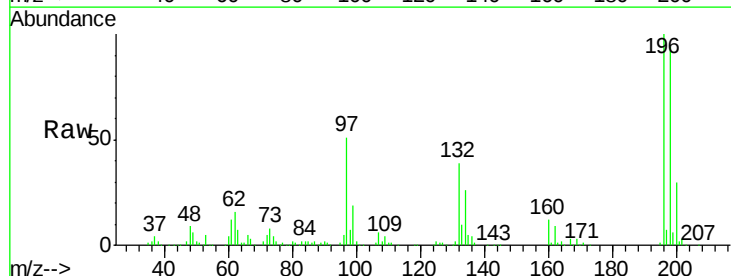
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 35.70 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314794		
198	94.0	75.9	113.9	
200	30.0	24.5	36.7	

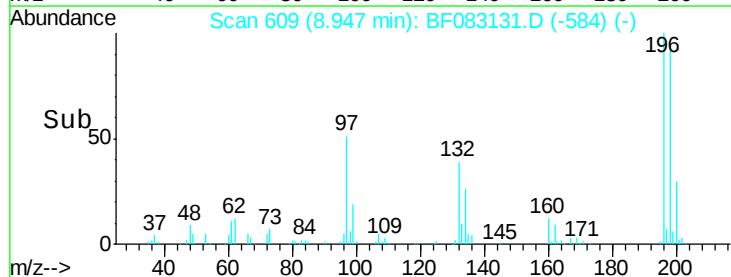
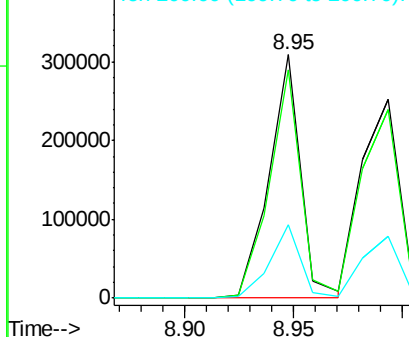


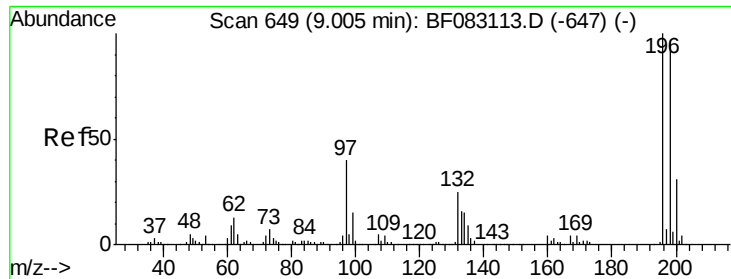
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

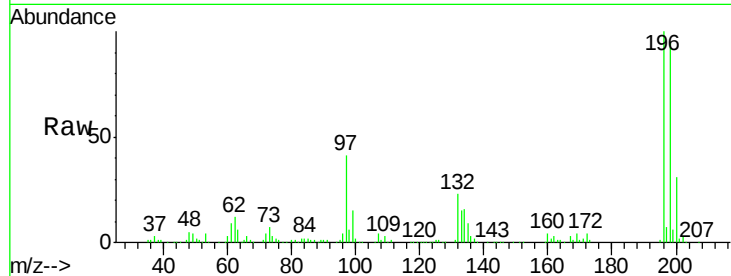
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

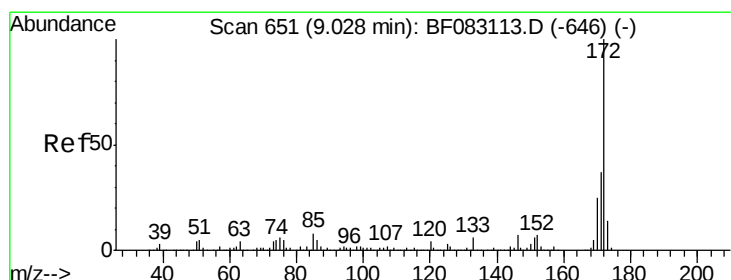
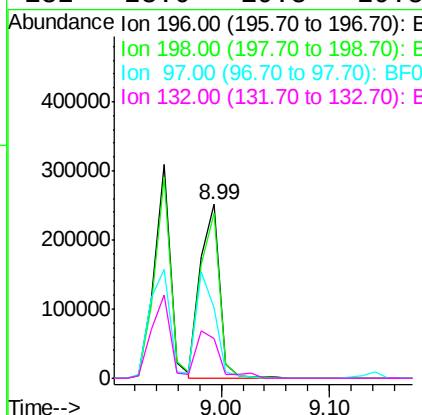
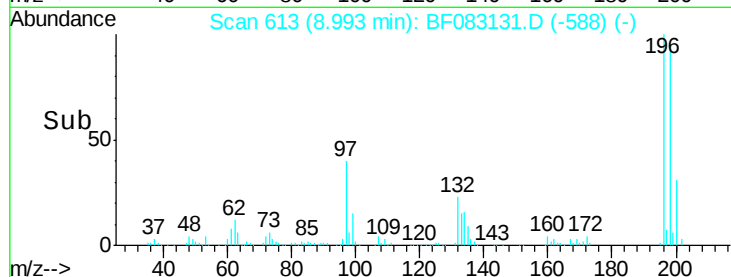
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS



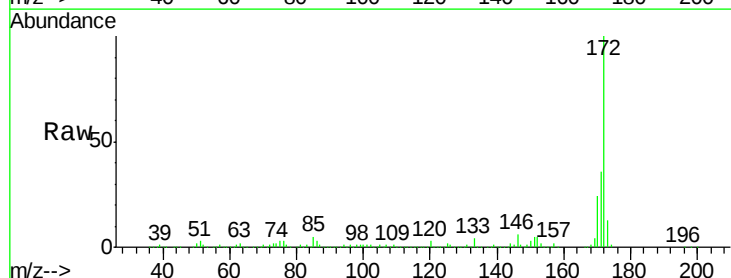
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		313156		
198	95.2	77.6	116.4		
97	40.7	32.6	48.8		
132	23.0	19.8	29.8		

Manual Integrations
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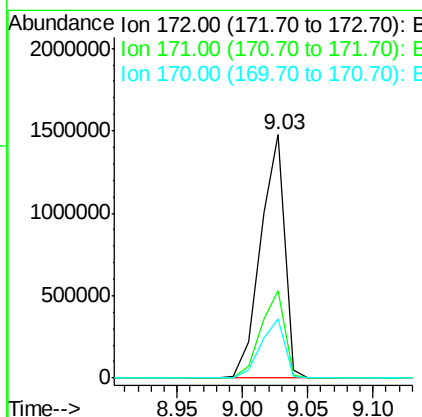
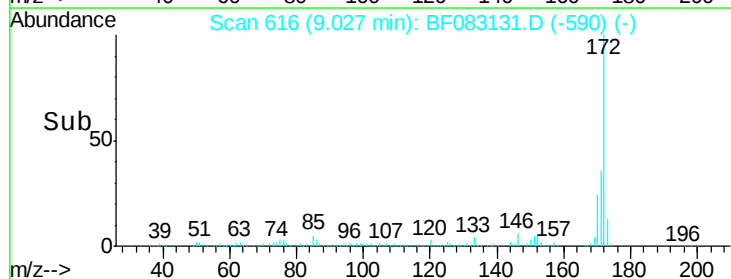
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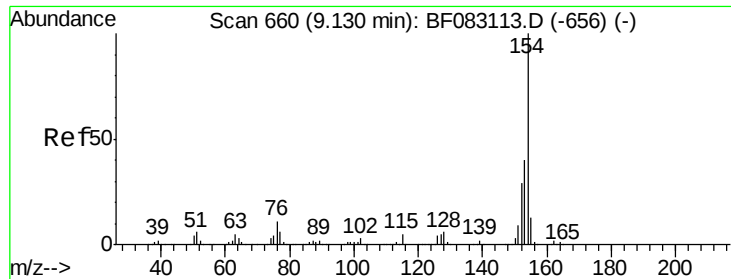


#44
 2-Fluorobiphenyl
 Concen: 69.62 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1896888		
171	35.9	29.5	44.3		
170	24.5	19.9	29.9		





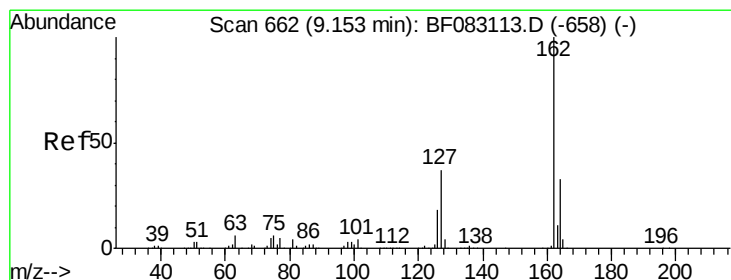
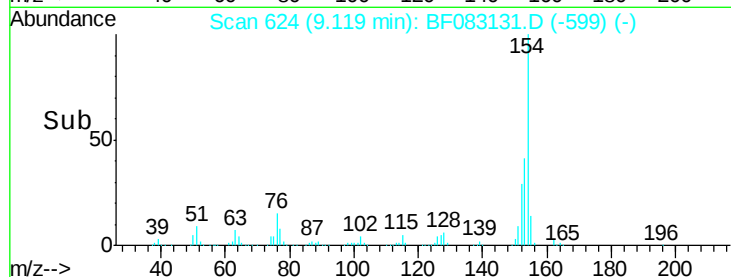
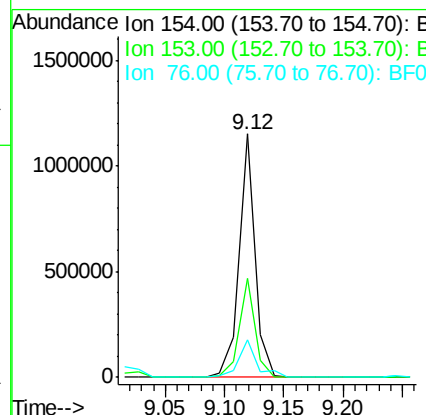
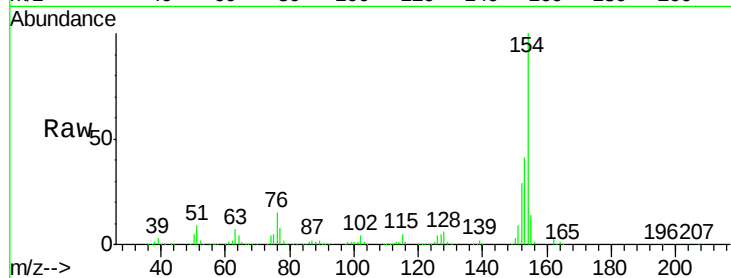
#45
 1,1'-Biphenyl
 Concen: 33.33 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	20.5	60.5	
76	15.3	0.0	31.2	

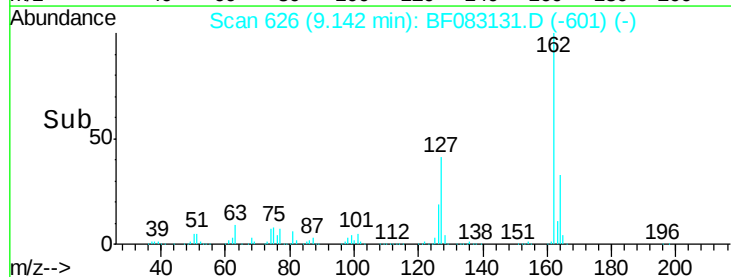
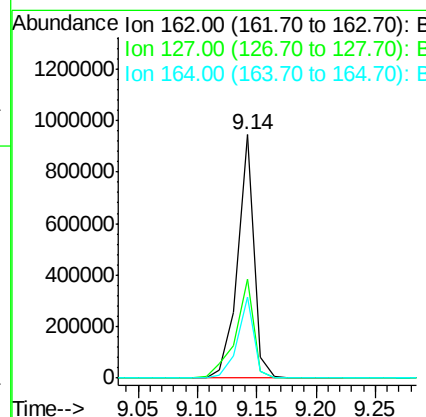
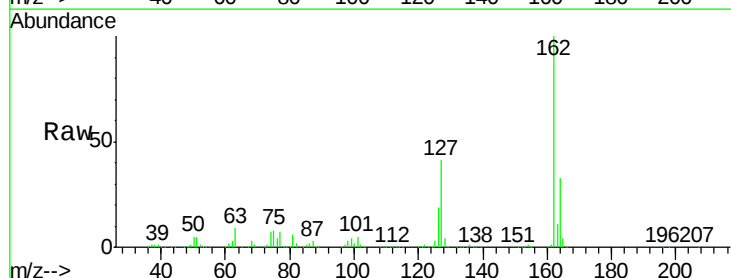
Manual Integrations
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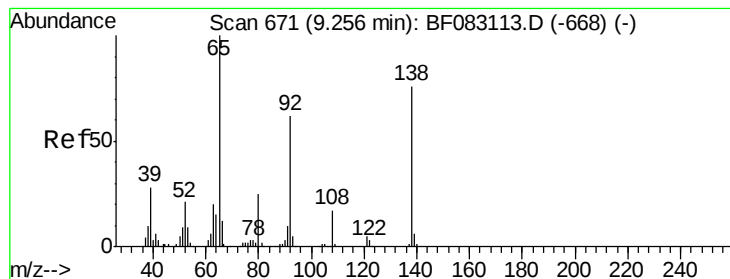
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#46
 2-Chloronaphthalene
 Concen: 35.77 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.7	29.4	44.2	
164	33.4	26.2	39.4	





#47

2-Nitroaniline

Concen: 34.98 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

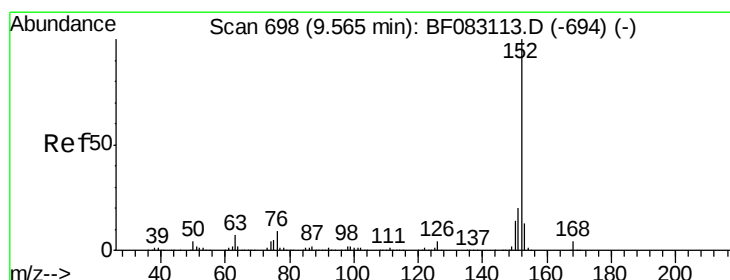
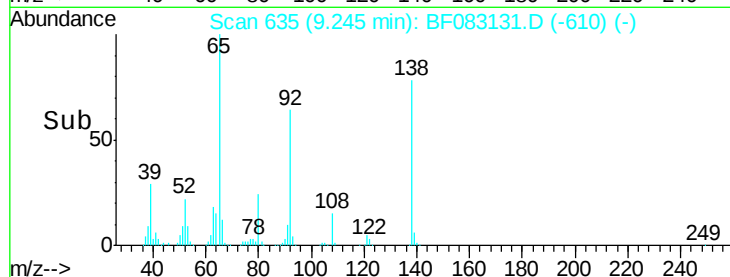
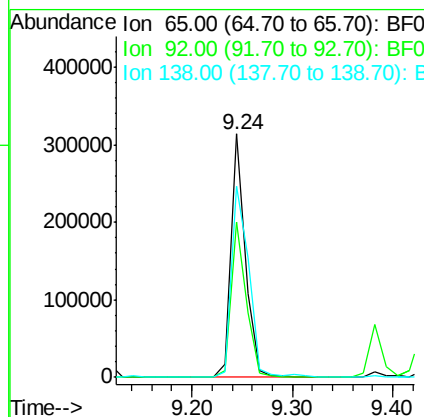
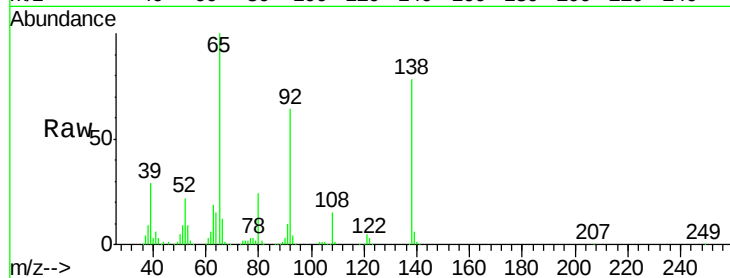
ClientSampleId :

PB86744BS

Tot Ion:	65	Resp:	314250
Ion Ratio	Lower	Upper	
65	100		
92	63.8	49.5	74.3
138	78.4	60.7	91.1

Manual Integrations
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#48

Acenaphthylene

Concen: 35.68 ng

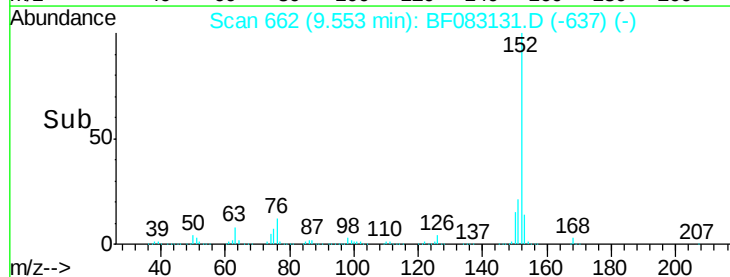
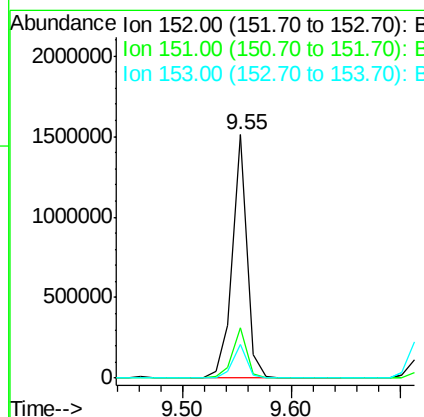
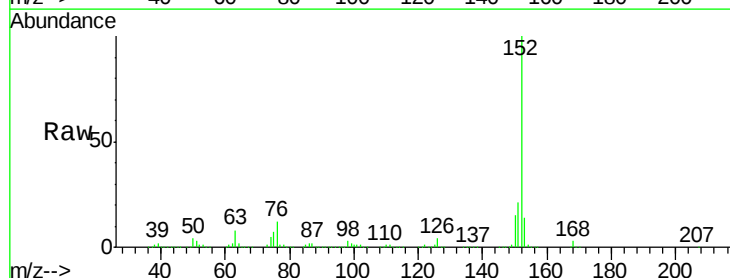
RT: 9.55 min Scan# 662

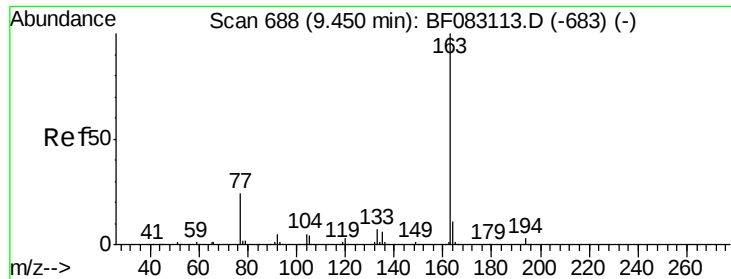
Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	152	Resp:	1404516
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.9	10.8	16.2





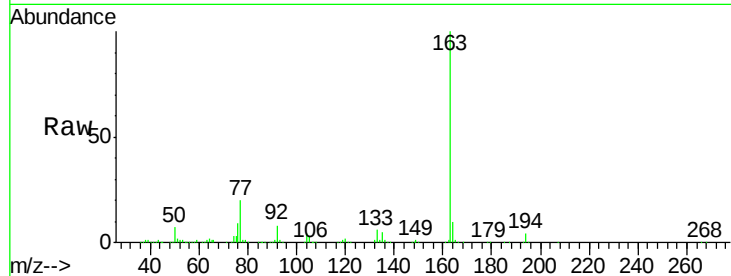
#49
Dimethylphthalate
Concen: 37.24 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

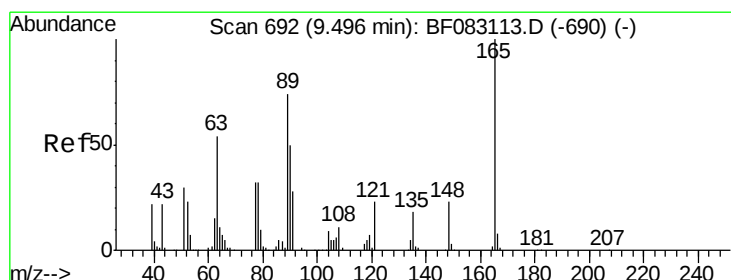
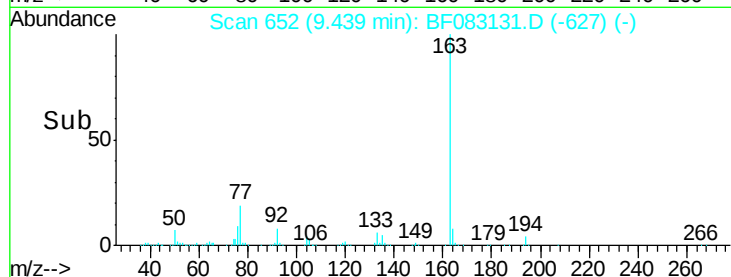
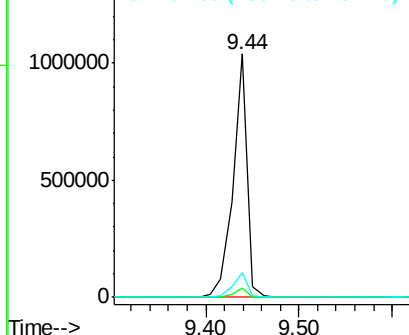
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.2	8.6	12.8	

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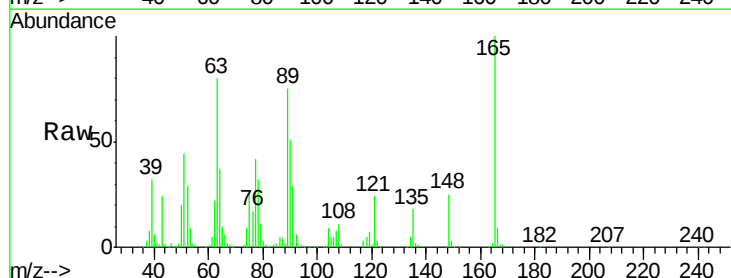


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

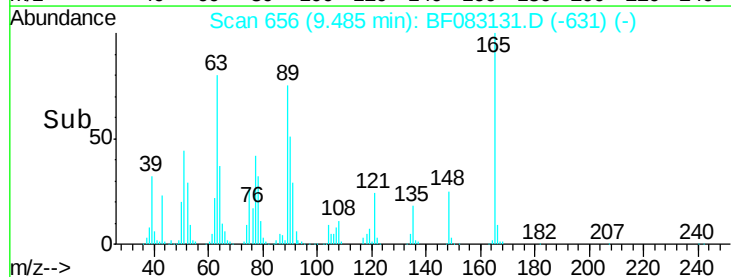
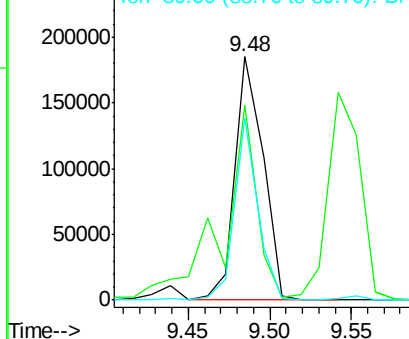


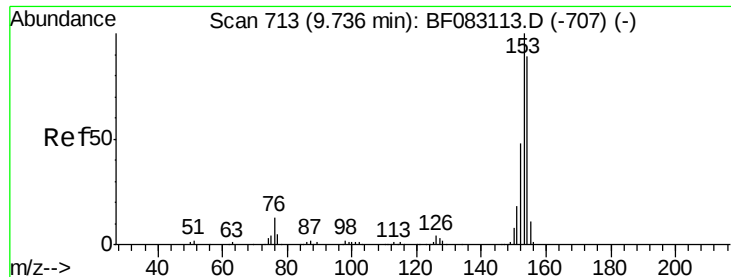
#50
2,6-Dinitrotoluene
Concen: 33.58 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	80.1	62.5	93.7	
89	75.0	59.1	88.7	



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





#51

Acenaphthene

Concen: 34.61 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

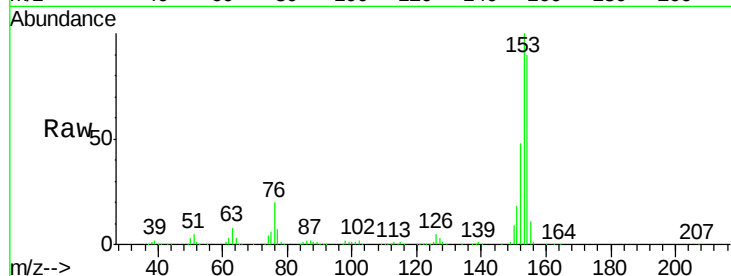
ClientSampleId :

PB86744BS

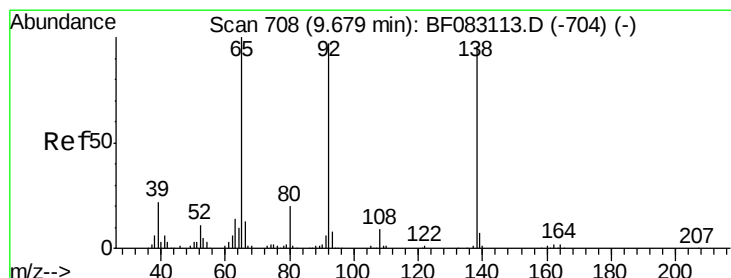
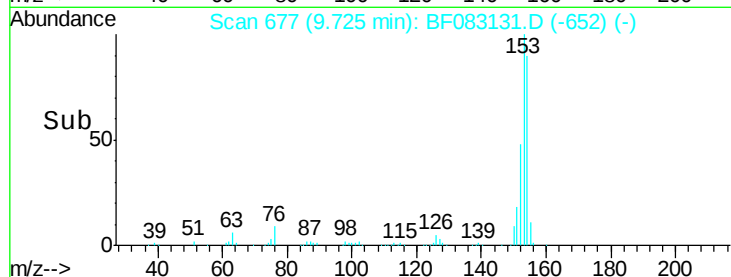
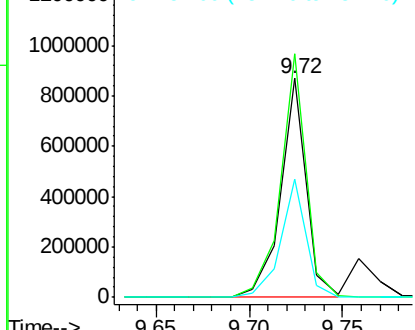
Tot Ion:	154	Resp:	829109
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.6	134.4
152	53.9	43.3	64.9

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



#52

3-Nitroaniline

Concen: 17.52 ng

RT: 9.66 min Scan# 671

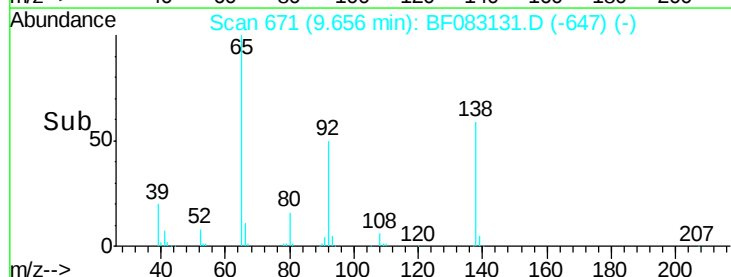
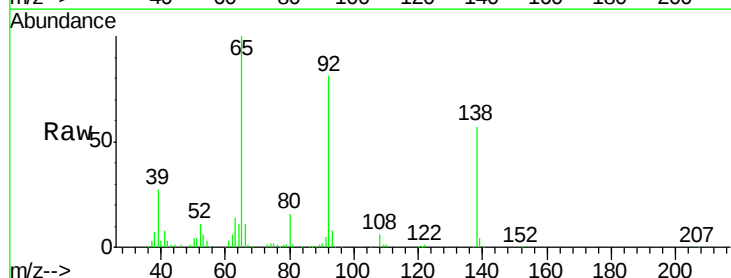
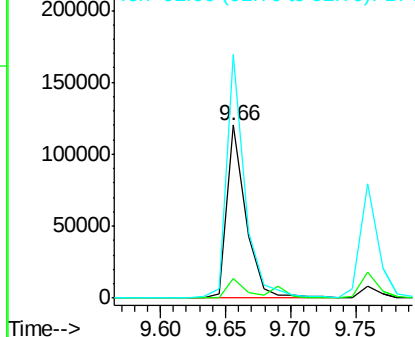
Delta R.T. -0.02 min

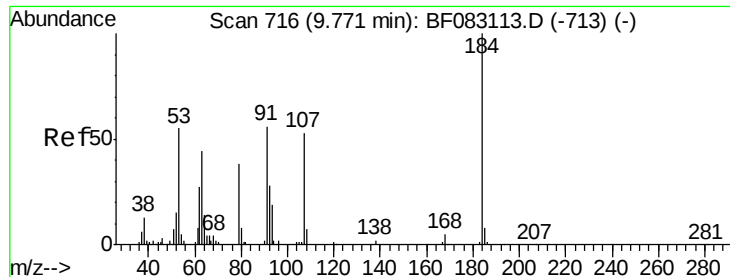
Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	138	Resp:	122599
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	140.8	81.1	121.7#

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





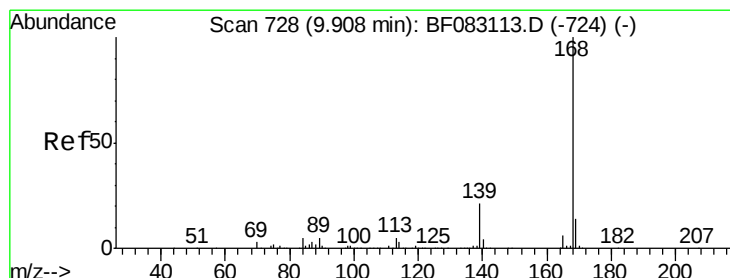
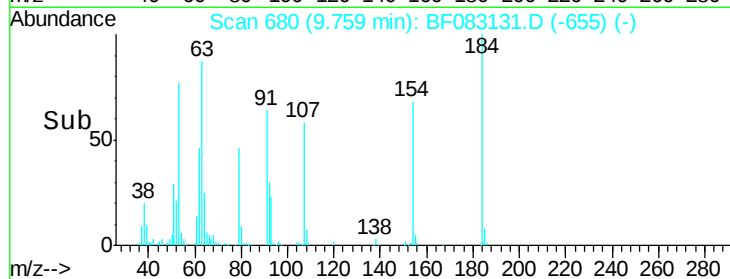
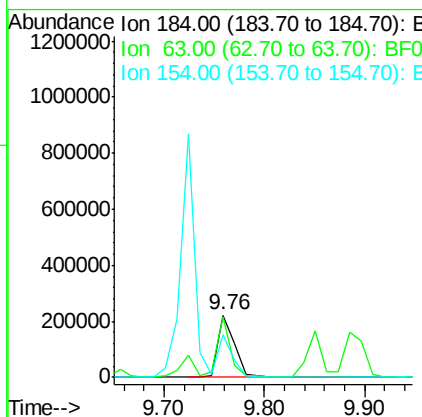
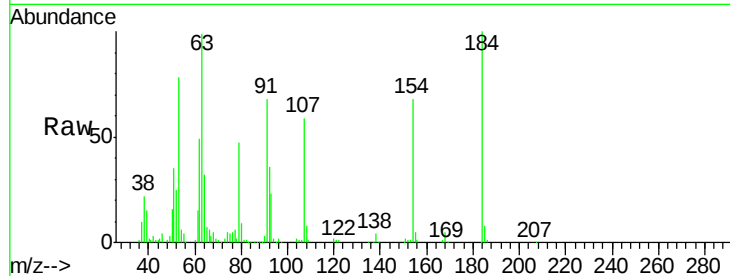
#53
 2,4-Dinitrophenol
 Concen: 68.17 ng
 RT: 9.76 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	257770		
63	98.5	60.5	90.7#	
154	68.5	54.3	81.5	

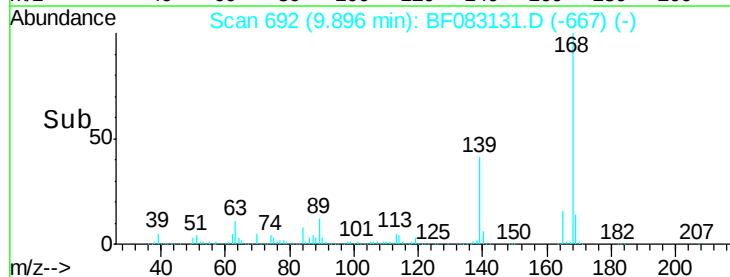
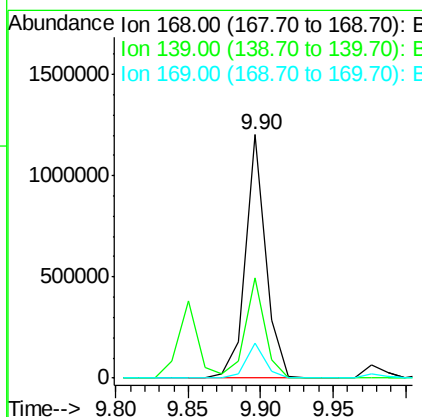
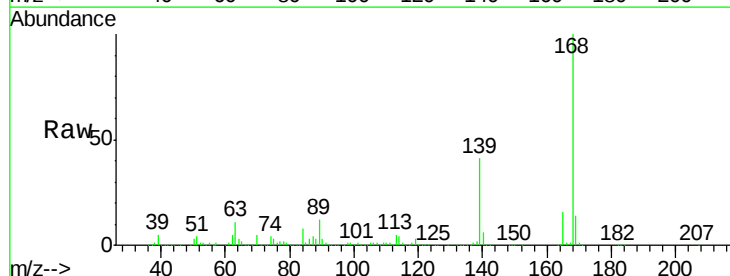
Manual Integrations
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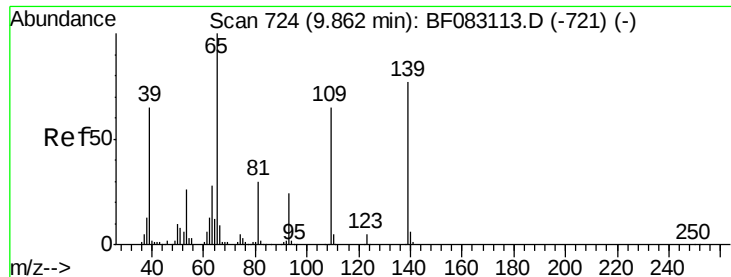
Mmdadoda
 11/23/2015 7:01:37 PM



#54
 Dibenzofuran
 Concen: 34.49 ng
 RT: 9.90 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1168374		
139	41.0	30.2	45.2	
169	14.3	10.9	16.3	





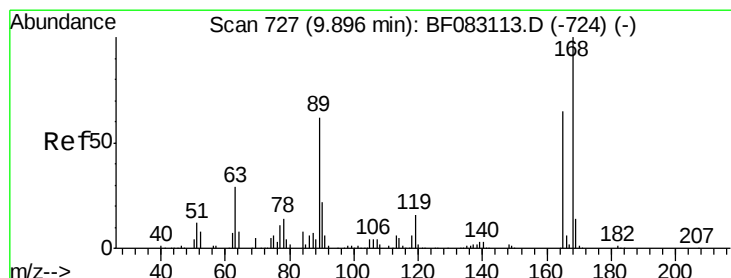
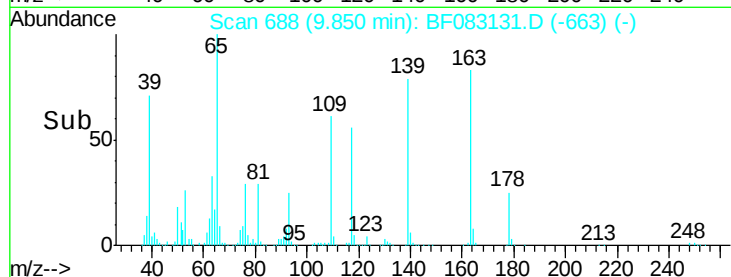
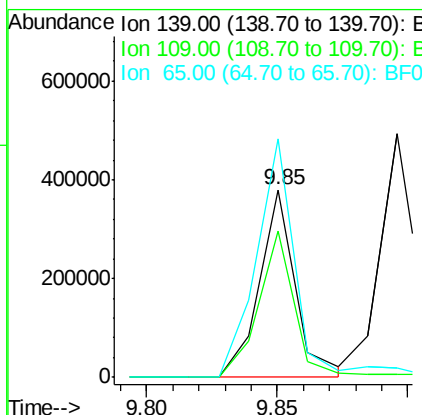
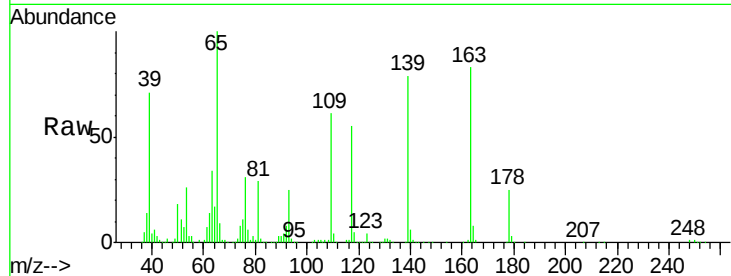
#55
4-Nitrophenol
Concen: 68.72 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.7	64.0	104.0
65	127.2	109.5	149.5

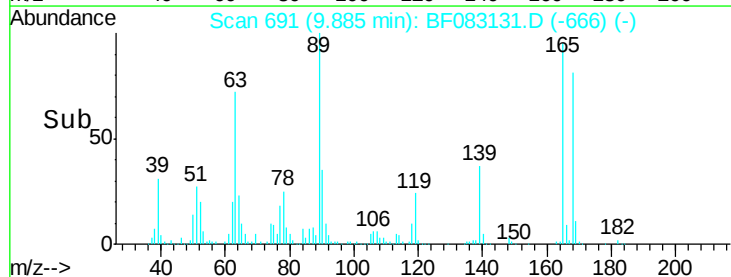
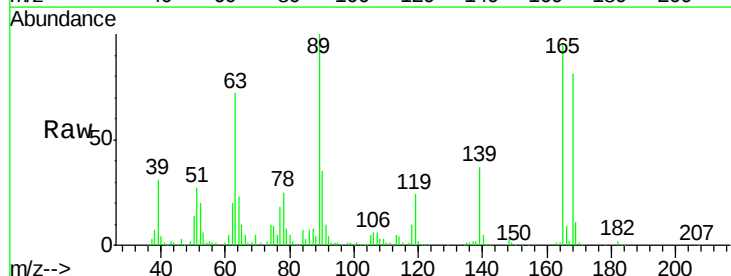
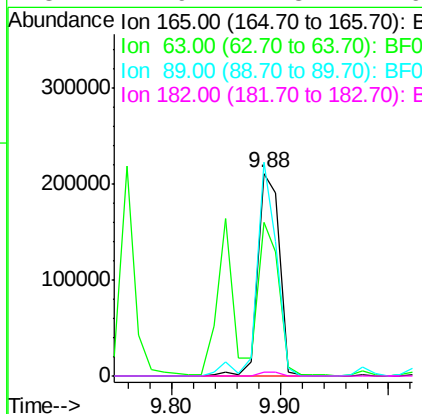
Manual Integrations
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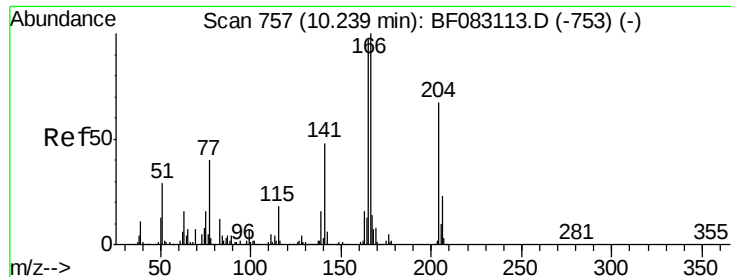
Mmdadoda
11/23/2015 7:01:37 PM



#56
2,4-Dinitrotoluene
Concen: 35.28 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.5	54.5	81.7
89	105.3	77.3	115.9
182	1.9	1.8	2.6





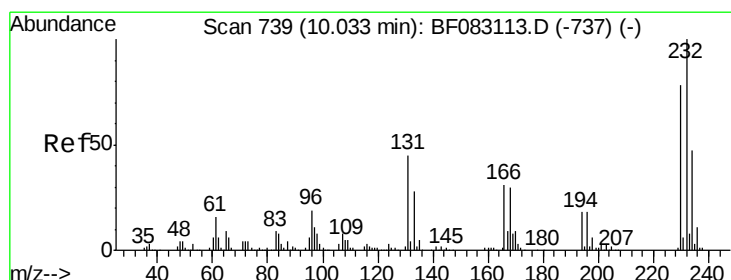
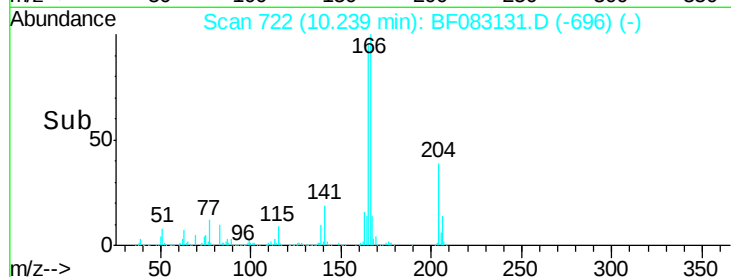
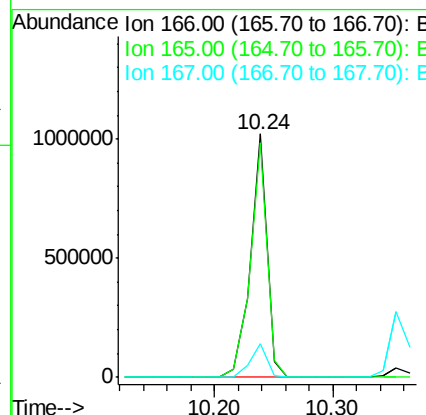
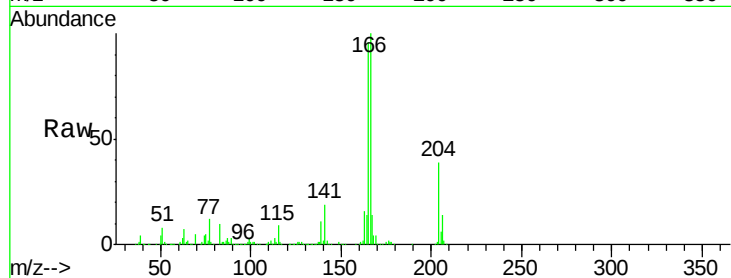
#57
 Fluorene
 Concen: 35.75 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.0	117.0
167	13.6	11.3	16.9

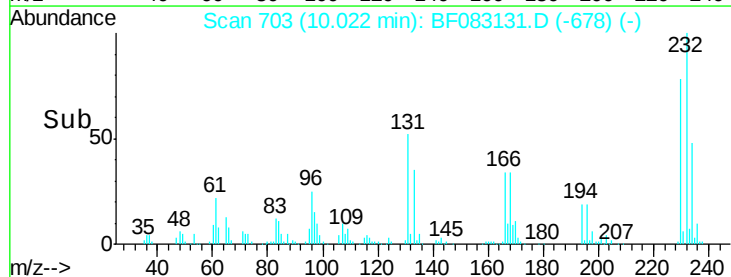
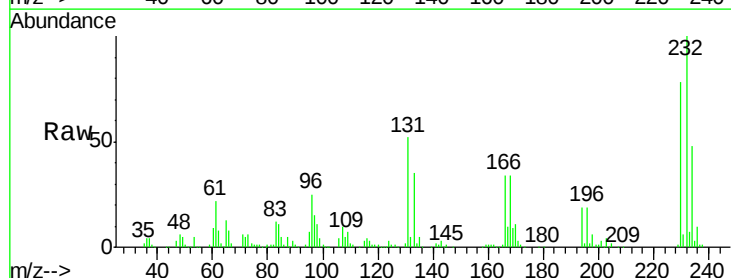
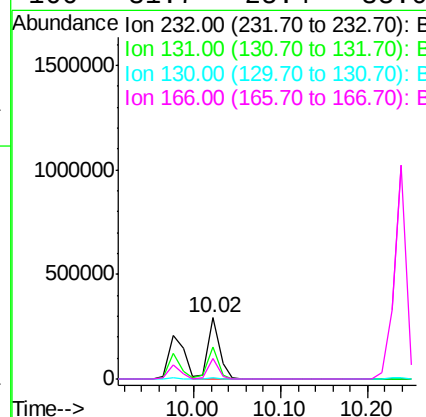
Manual Integrations
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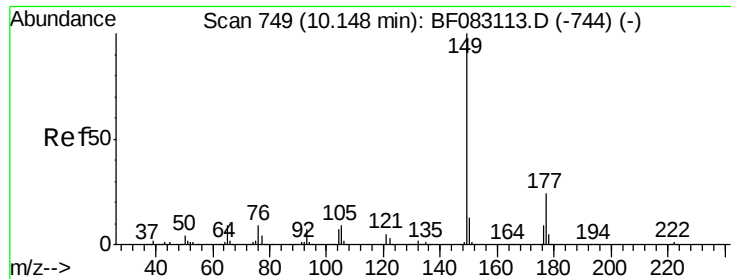
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.91 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.1	38.6	57.8
130	2.1	1.9	2.9
166	31.7	25.4	38.0





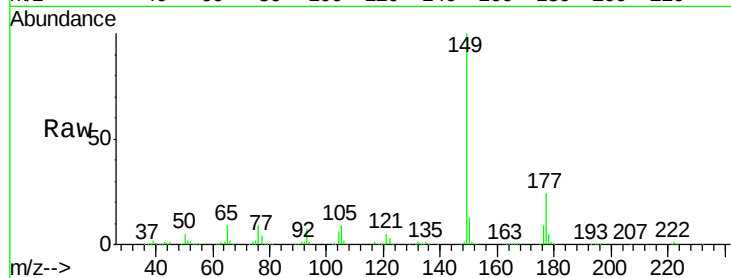
#59
Diethylphthalate
Concen: 36.16 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

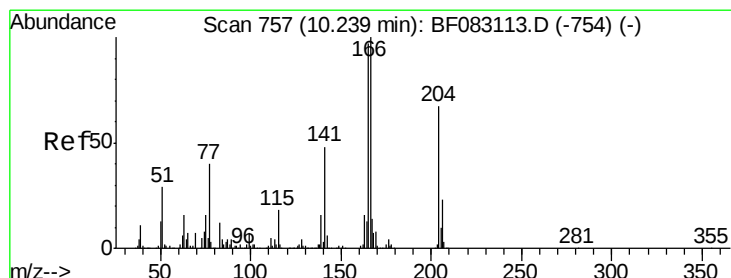
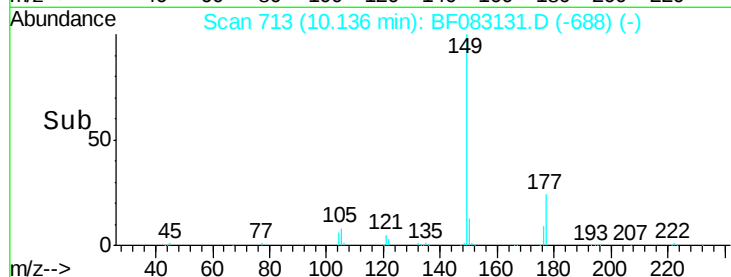
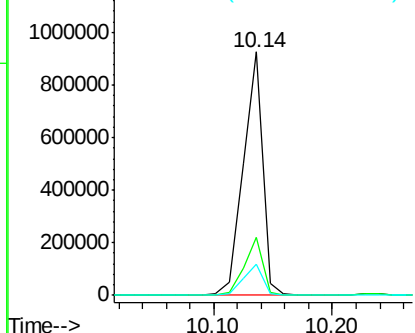
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.4	29.2
150	12.6	10.2	15.2

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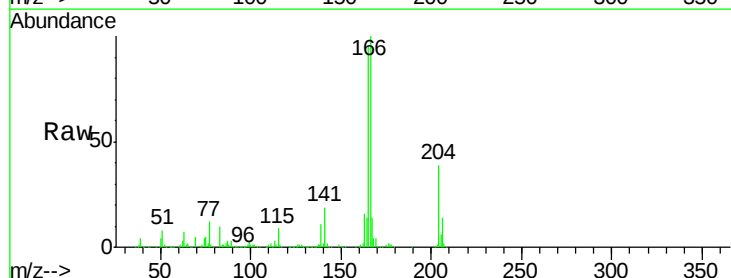


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

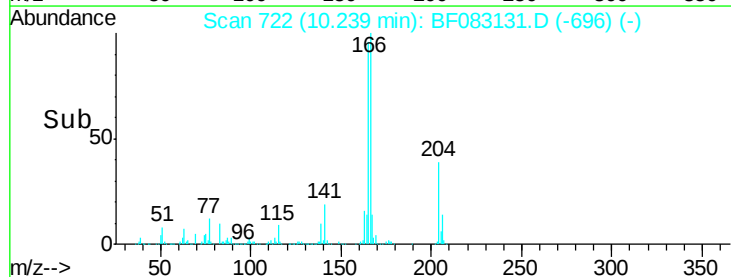
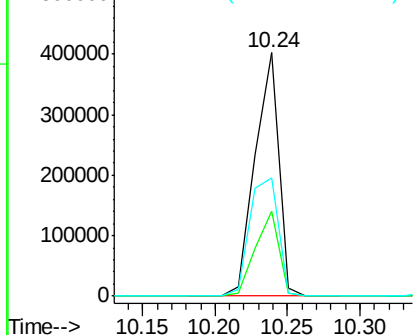


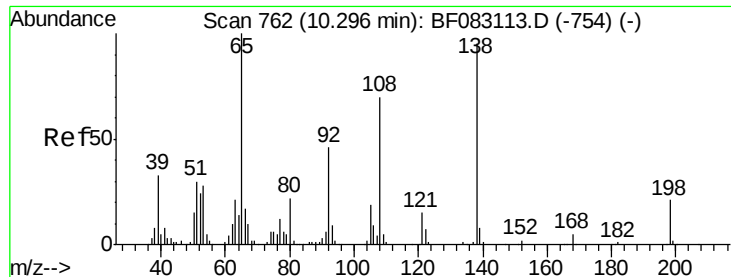
#60
4-Chlorophenyl-phenylether
Concen: 35.54 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.0
141	48.6	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





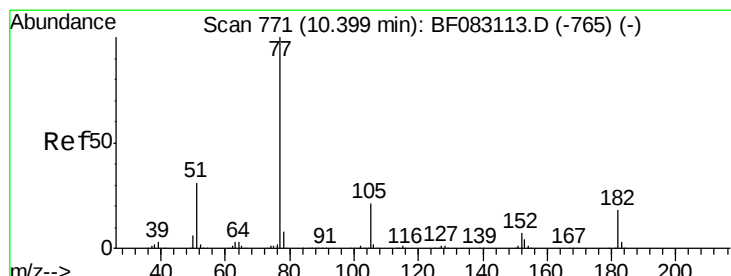
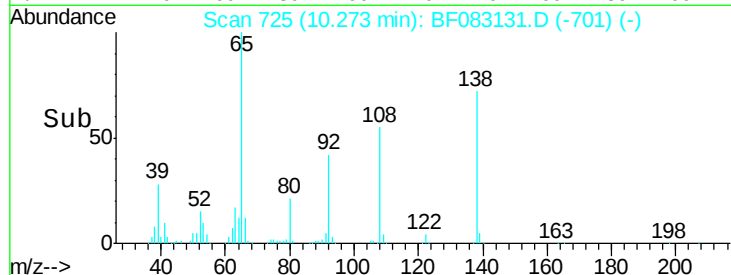
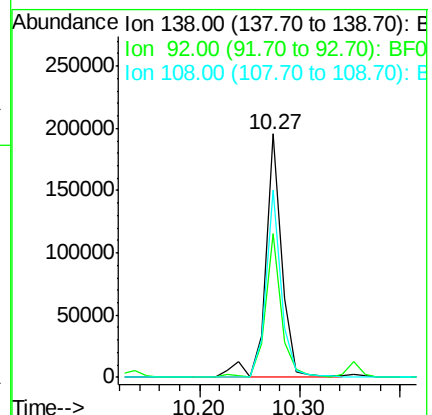
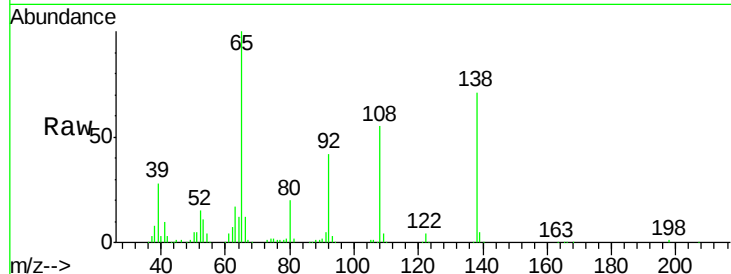
#61
4-Nitroaniline
Concen: 31.95 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampled :
PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	220100		
92	58.9	28.4	68.4	
108	77.1	53.5	93.5	

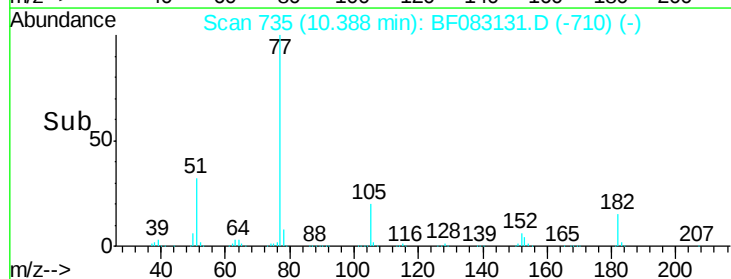
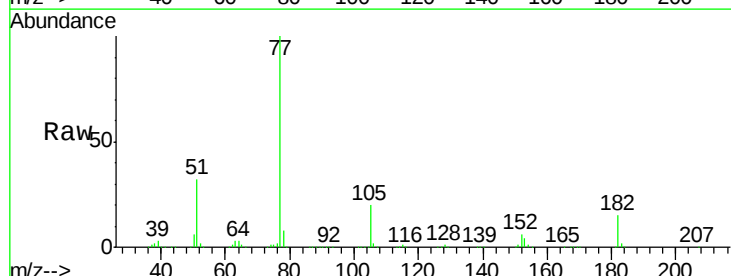
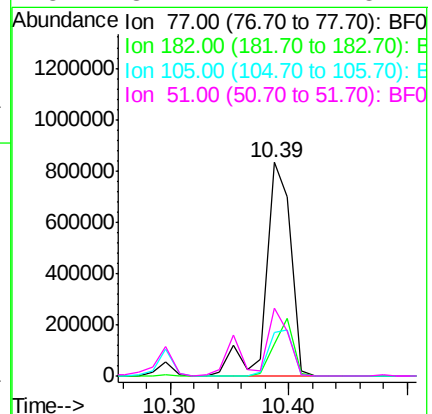
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#62
Azobenzene
Concen: 36.78 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1222143		
182	15.3	0.0	38.3	
105	20.2	1.2	41.2	
51	31.7	11.1	51.1	





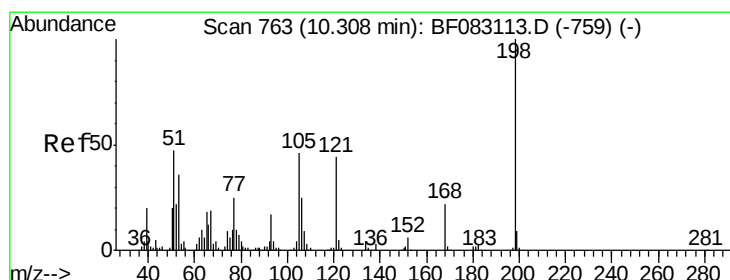
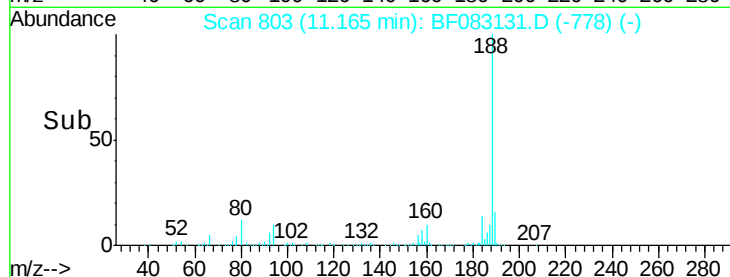
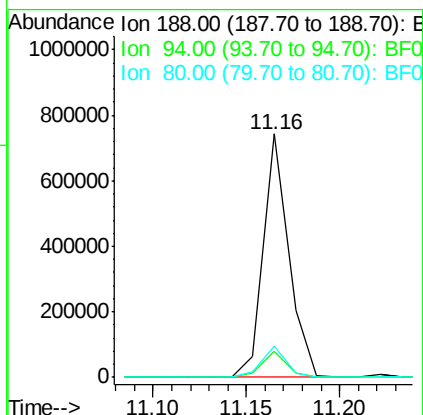
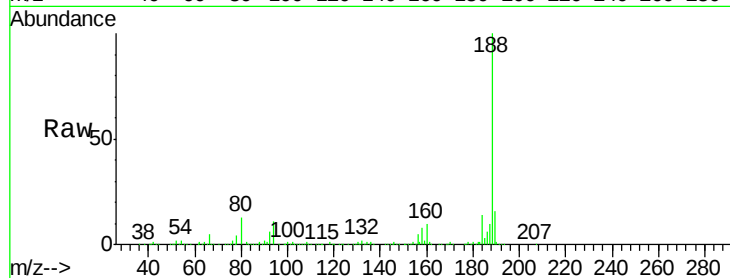
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	6.0	9.0#
80	12.5	6.7	10.1#

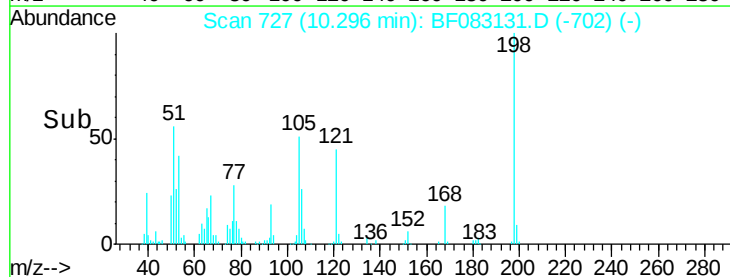
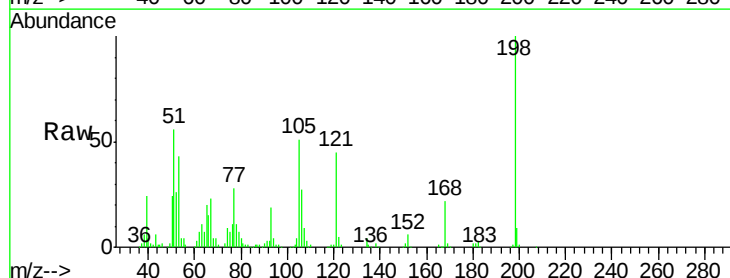
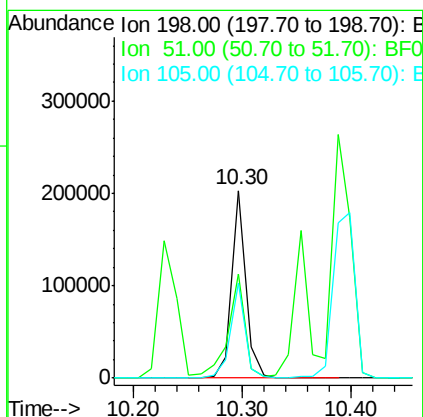
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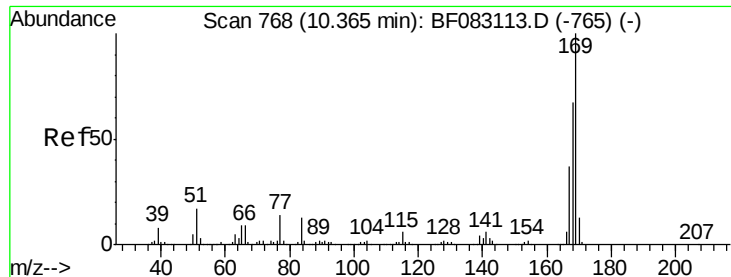
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.02 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.7	27.0	67.0
105	50.8	26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 34.19 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

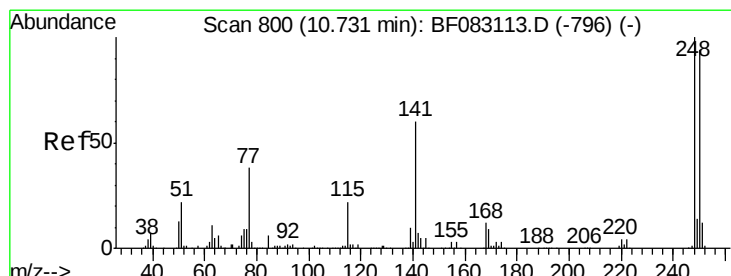
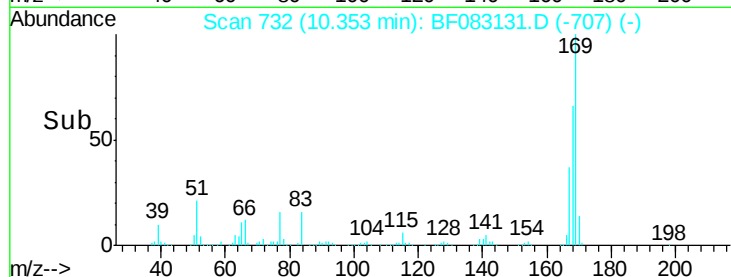
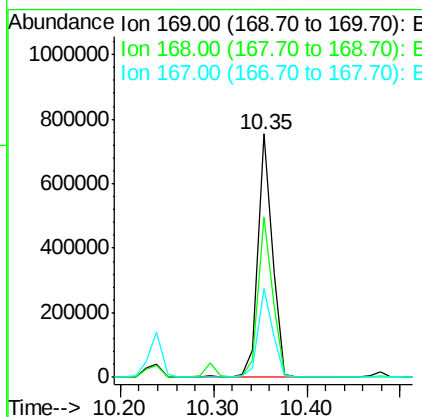
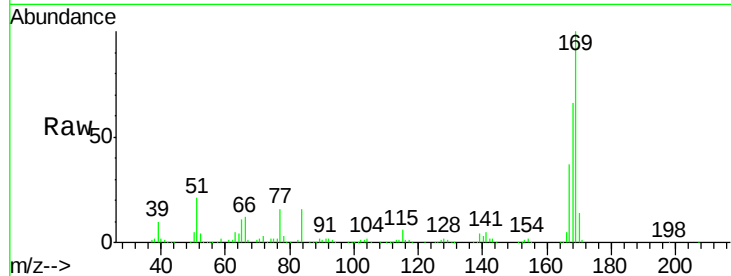
ClientSampleId :

PB86744BS

Tot Ion:	169	Resp:	814962
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.8	80.6
167	36.7	29.8	44.8

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#66

4-Bromophenyl-phenylether

Concen: 36.73 ng

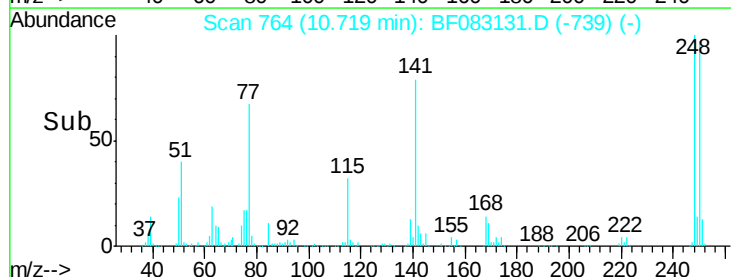
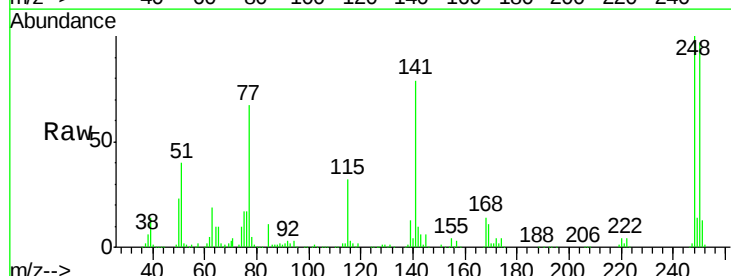
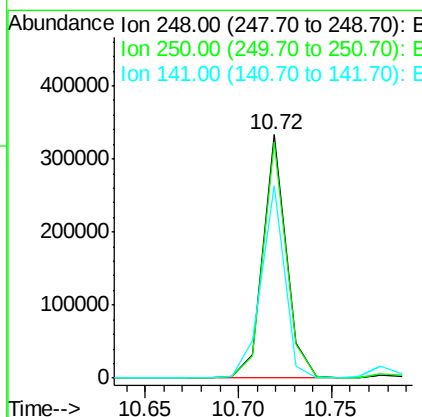
RT: 10.72 min Scan# 764

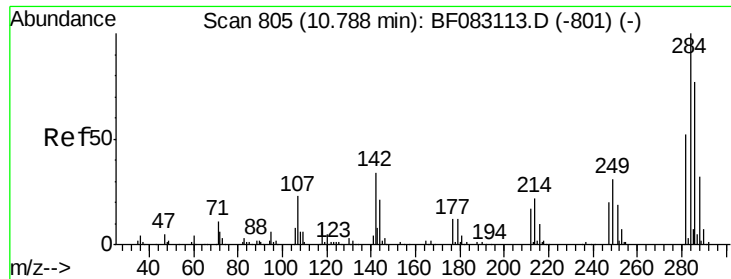
Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	248	Resp:	285690
Ion Ratio	Lower	Upper	
248	100		
250	97.0	75.4	113.2
141	78.9	48.1	72.1#





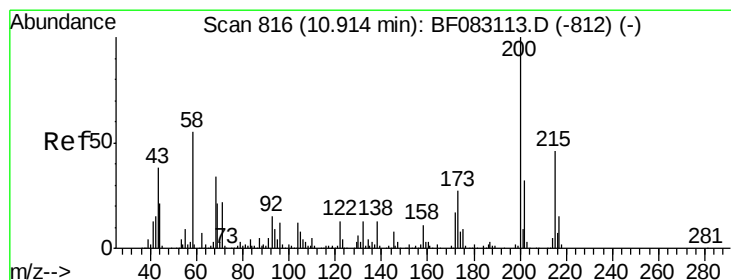
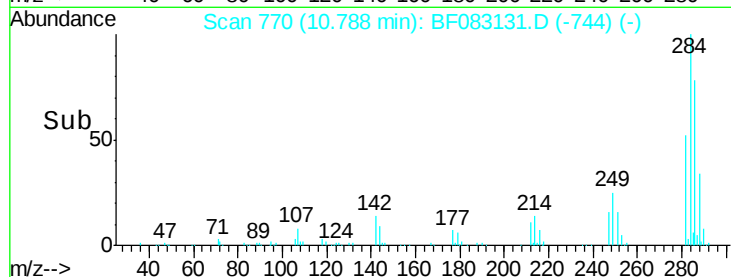
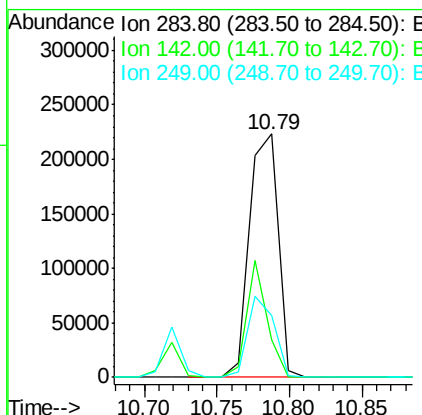
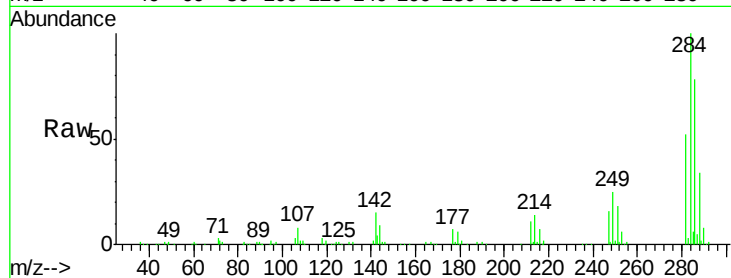
#67
Hexachlorobenzene
Concen: 35.94 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	307792		
142	15.2	27.6	41.4#	
249	25.4	25.5	38.3#	

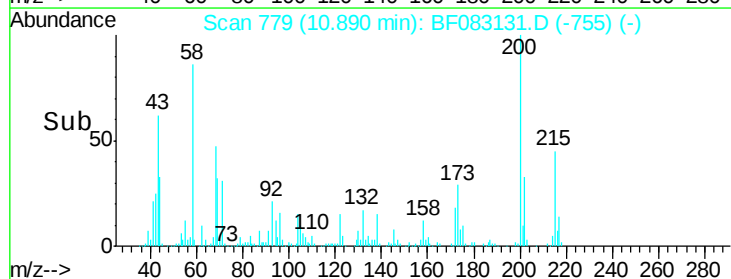
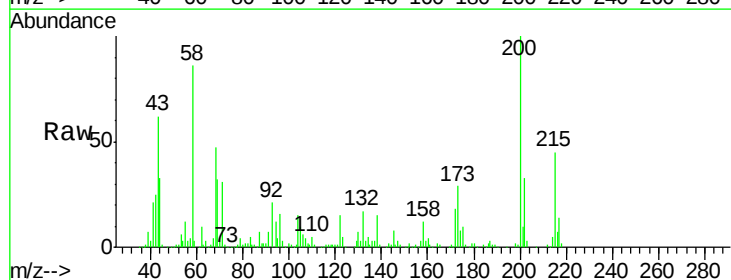
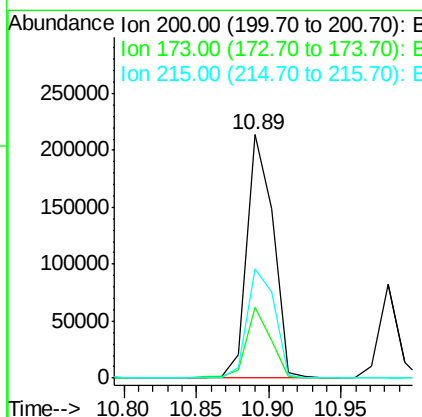
Manual Integrations
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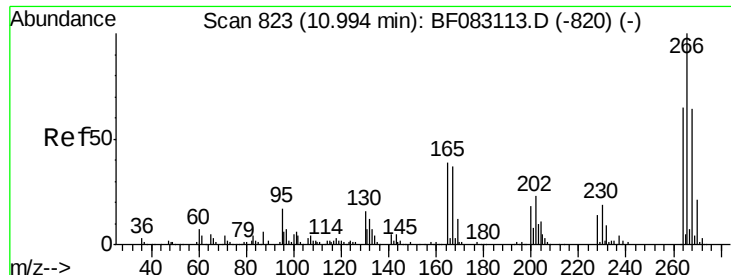
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#68
Atrazine
Concen: 38.66 ng
RT: 10.89 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267591		
173	29.2	7.2	47.2	
215	44.9	25.7	65.7	





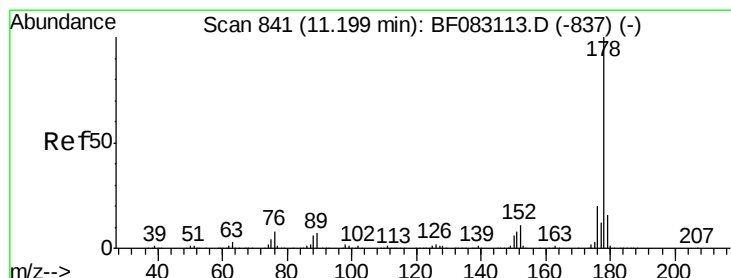
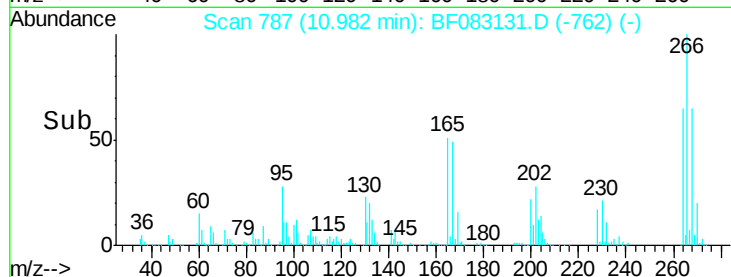
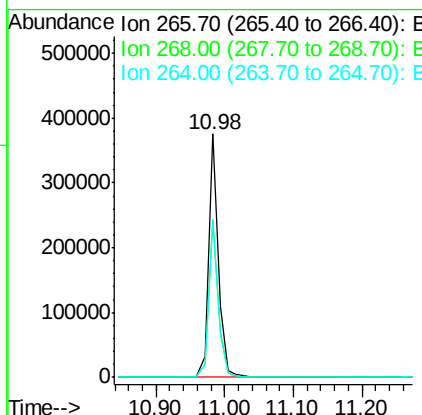
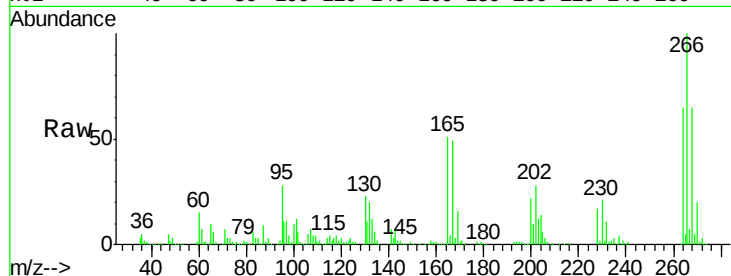
#69
 Pentachlorophenol
 Concen: 66.52 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.4	77.0
264	65.0	51.7	77.5

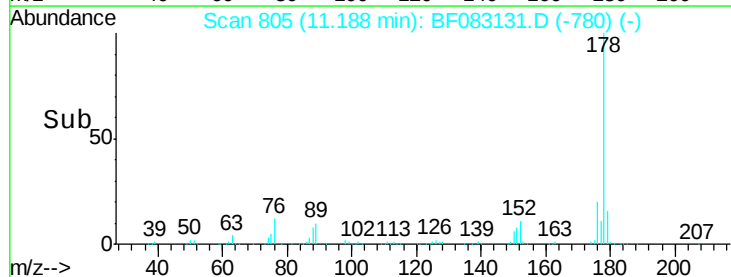
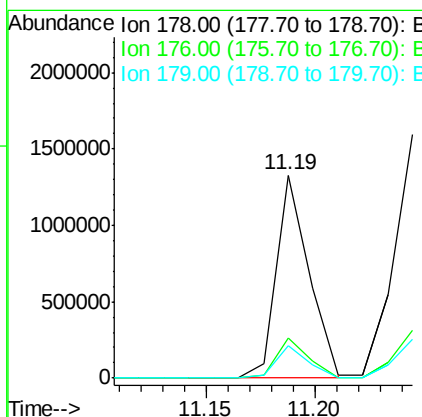
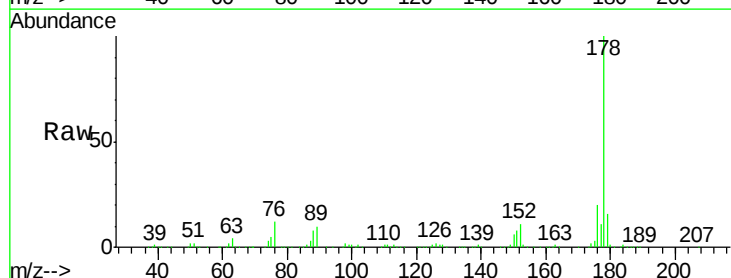
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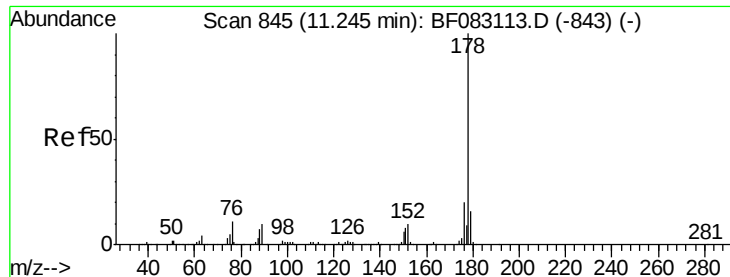
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#70
 Phenanthrene
 Concen: 34.50 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	16.1	12.8	19.2





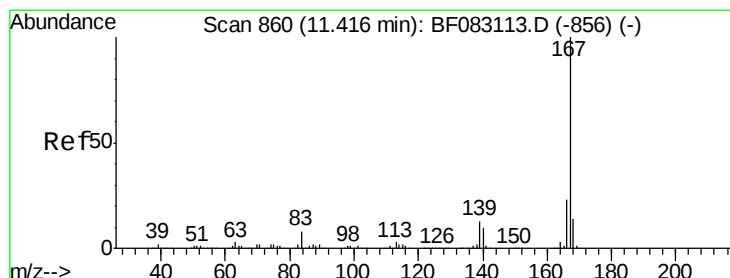
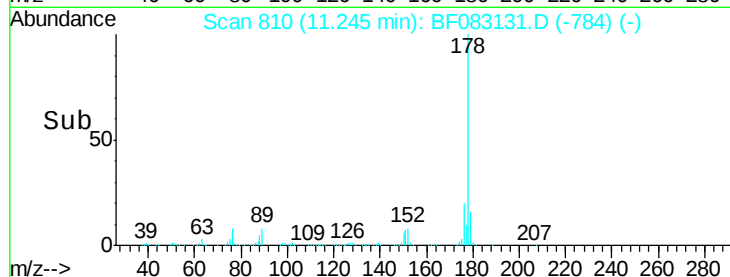
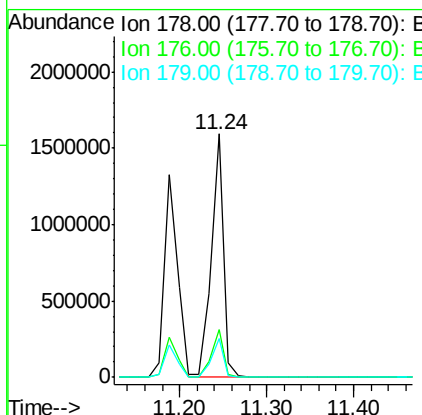
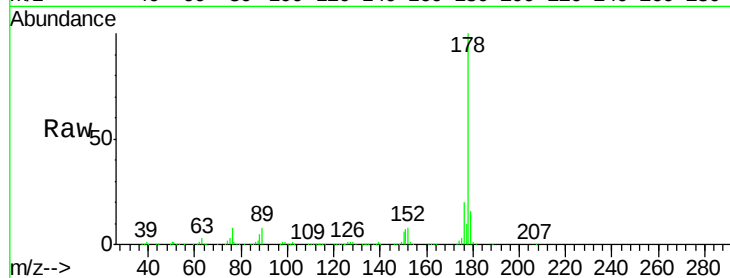
#71
 Anthracene
 Concen: 37.81 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion:178 Resp: 1557492
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 13.2 19.8

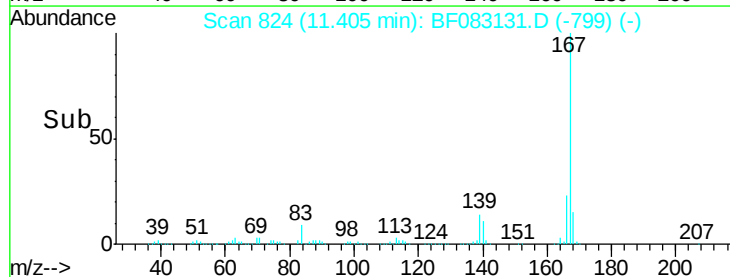
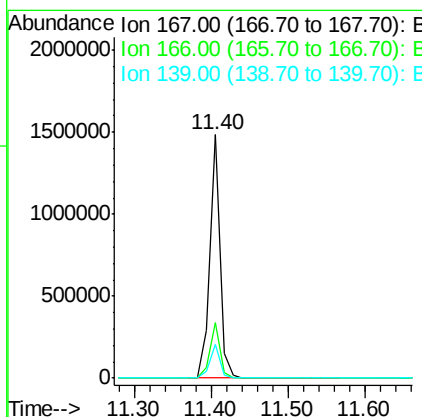
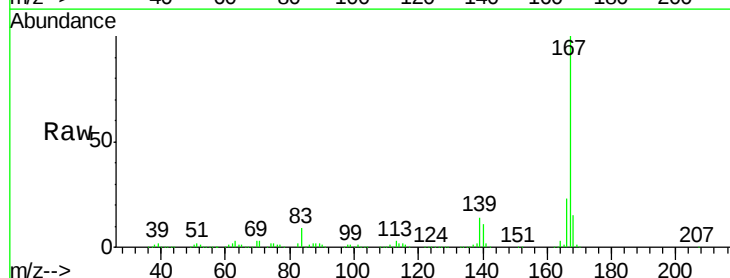
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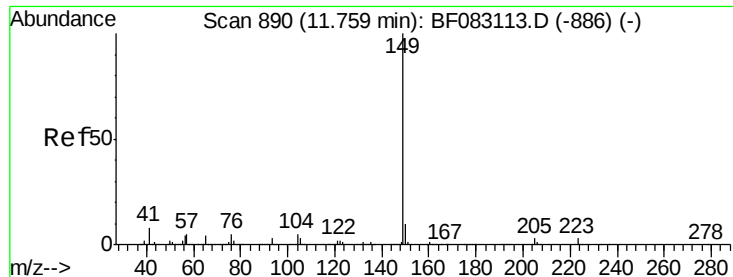
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#72
 Carbazole
 Concen: 36.76 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:167 Resp: 1346054
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.8 10.5 15.7





#73

Di-n-butylphthalate

Concen: 36.60 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

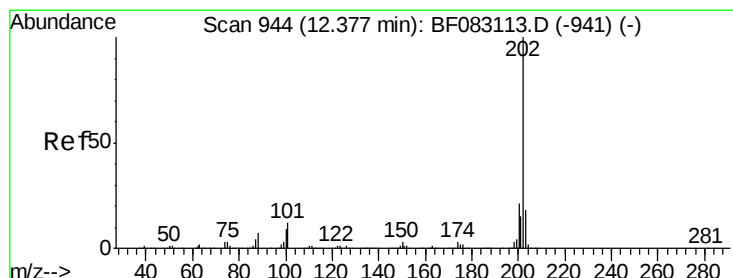
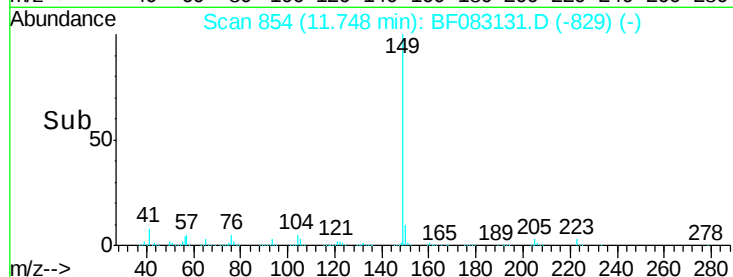
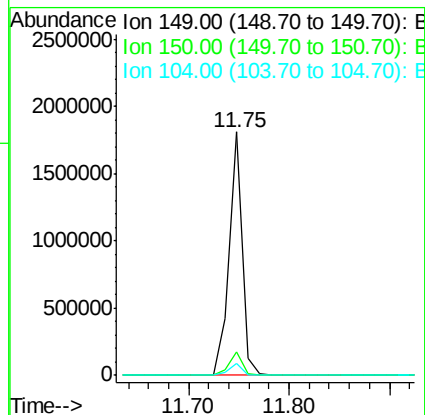
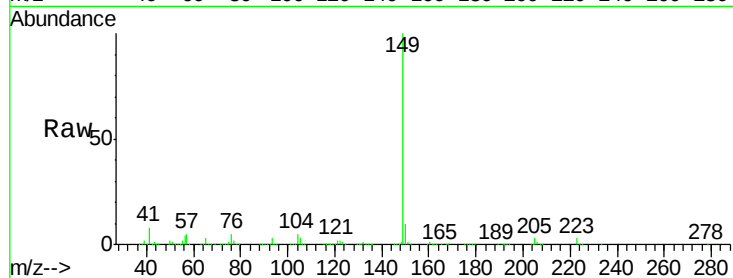
ClientSampleId :

PB86744BS

Tot Ion:	149	Resp:	1635647
Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.1	4.4	6.6

Manual Integrations
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#74

Fluoranthene

Concen: 37.31 ng

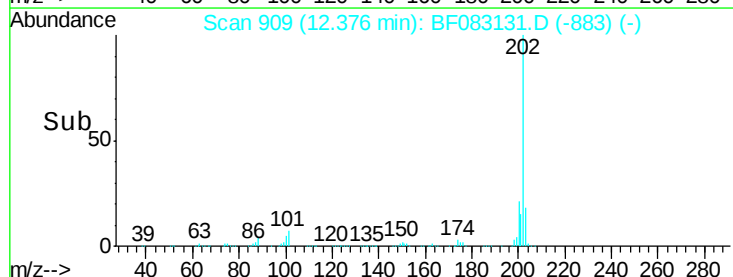
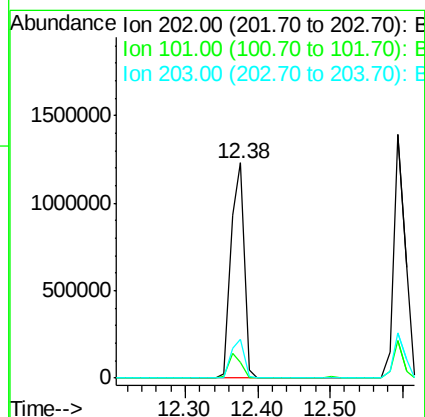
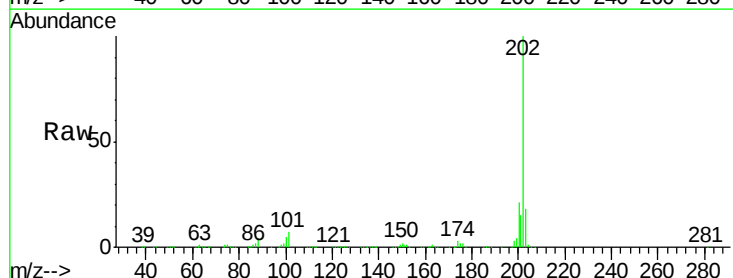
RT: 12.38 min Scan# 909

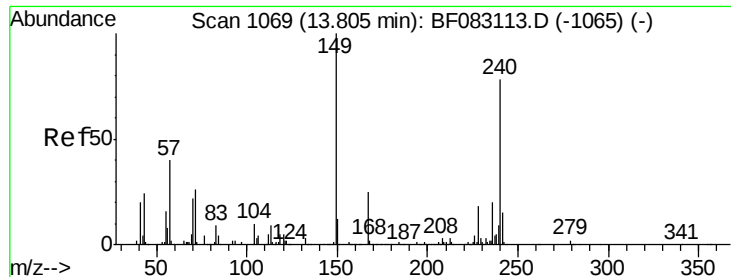
Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:	202	Resp:	1541812
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	32.3
203	17.8	0.0	38.4





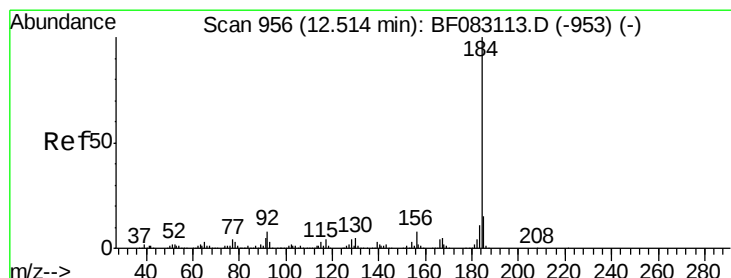
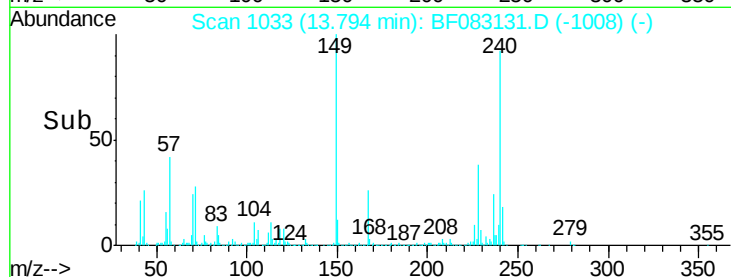
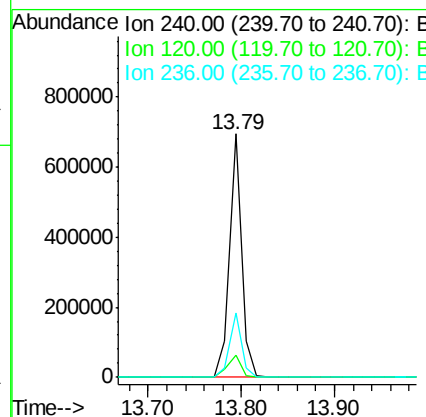
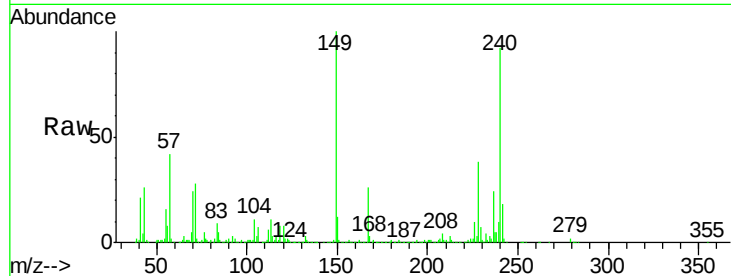
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.4	8.2#
236	26.2	20.6	31.0

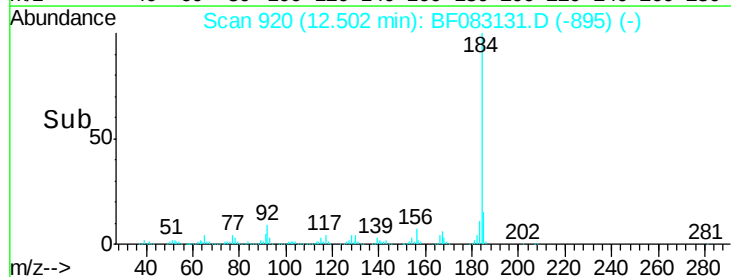
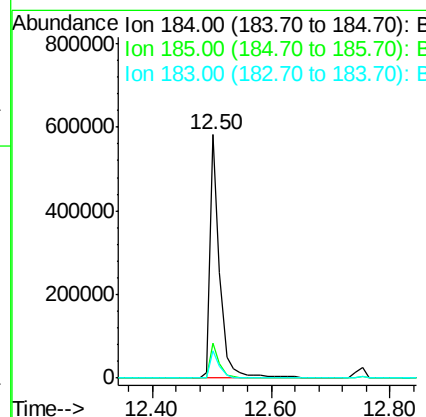
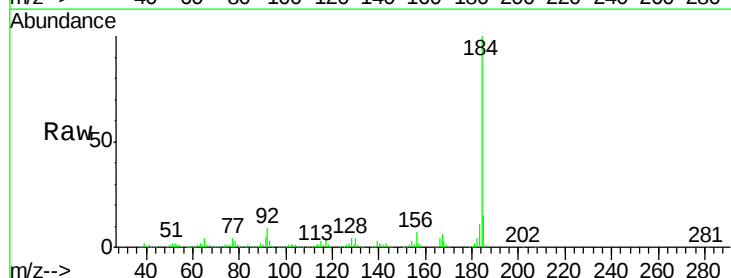
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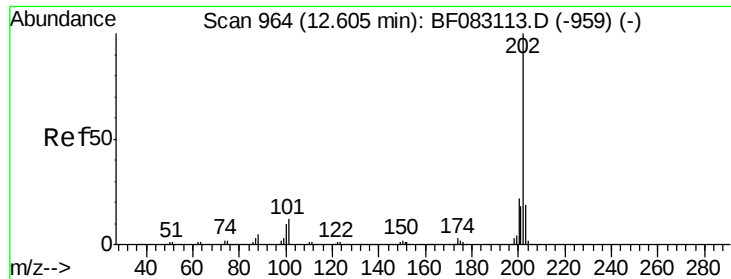
Mmdadoda
11/23/2015 7:01:37 PM



#76
Benzidine
Concen: 41.11 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	11.4	8.8	13.2





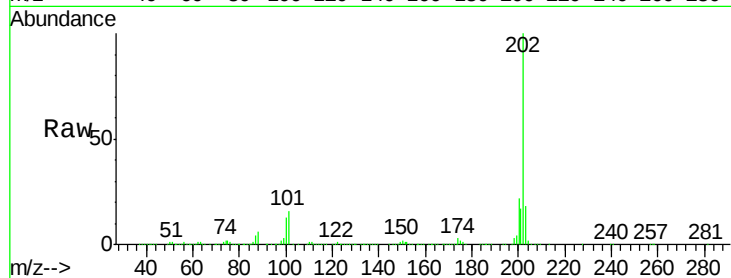
#77
Pvrene
Concen: 35.24 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

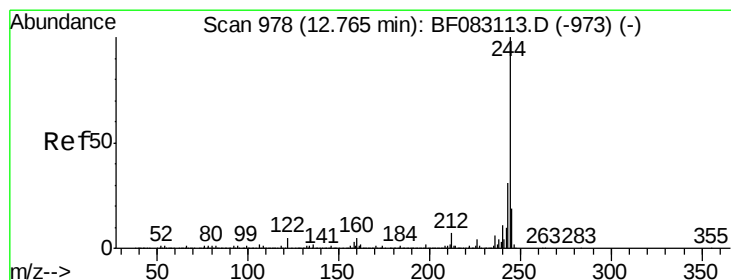
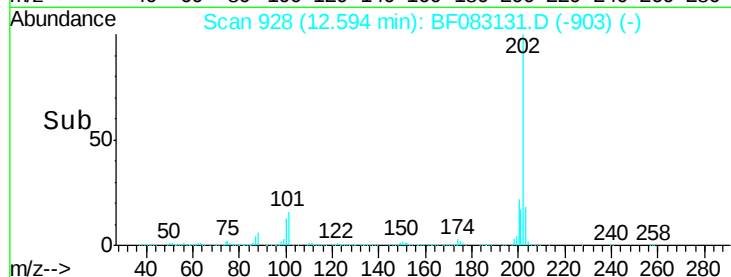
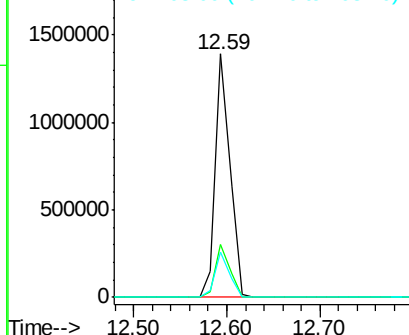
Tot Ion:202 Resp: 1513166
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.6
203 18.4 15.0 22.4

Manual Integrations
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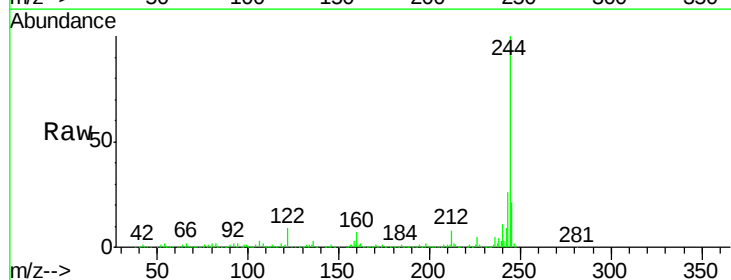


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

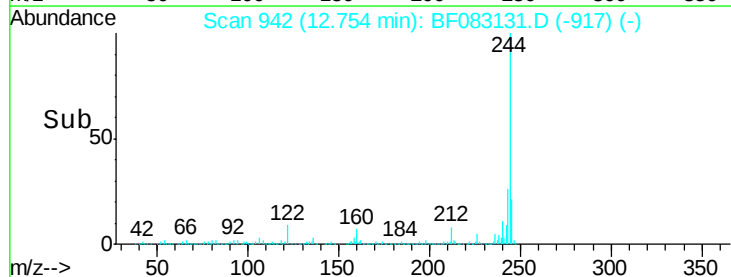
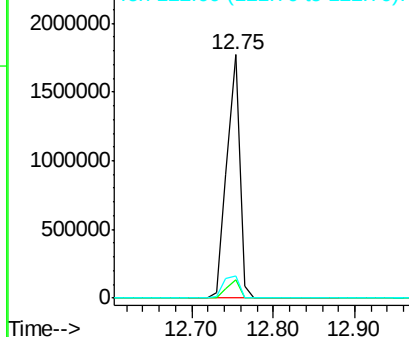


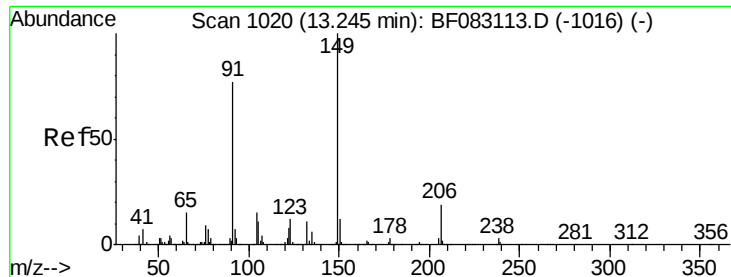
#78
Terphenyl-d14
Concen: 72.47 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:244 Resp: 1934138
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 8.9 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





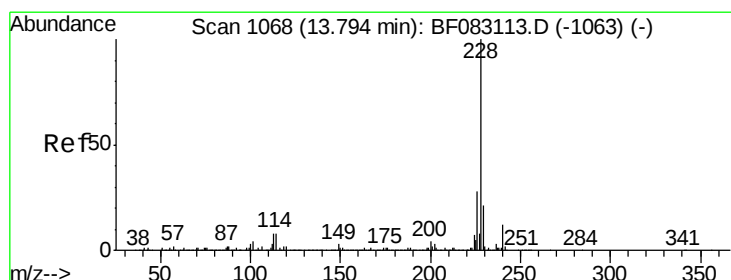
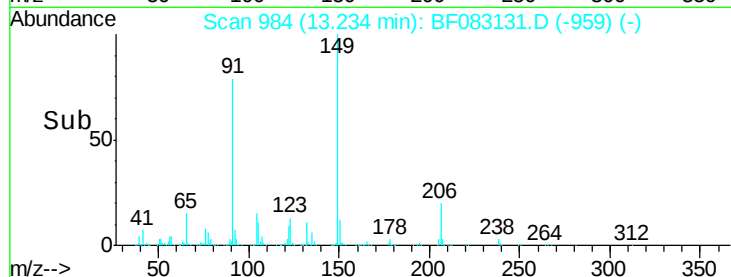
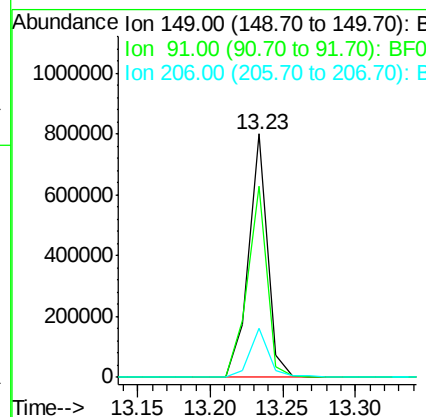
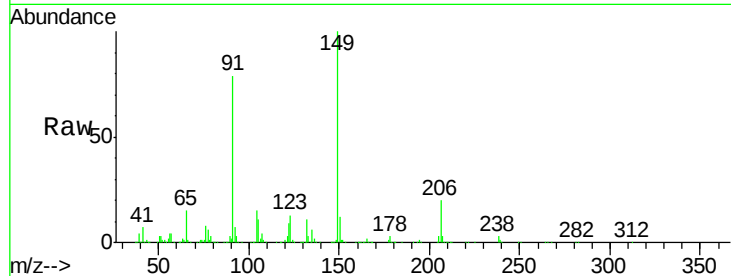
#79
Butylbenzylphthalate
Concen: 35.58 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	78.6	61.5	92.3
206	20.0	15.3	22.9

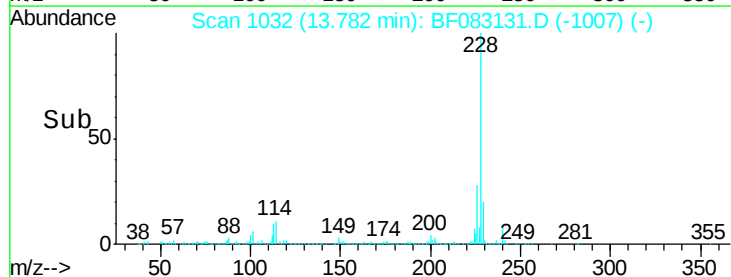
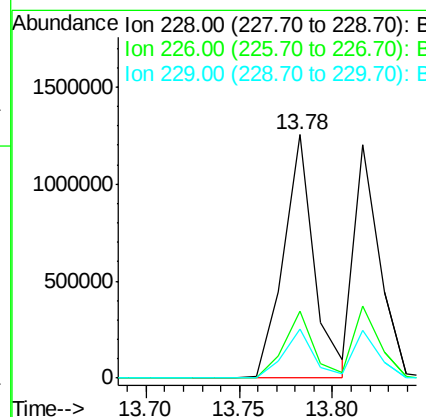
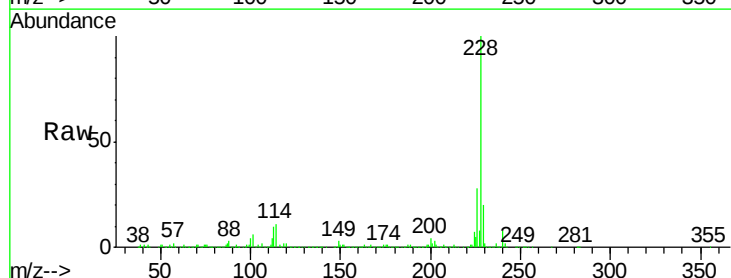
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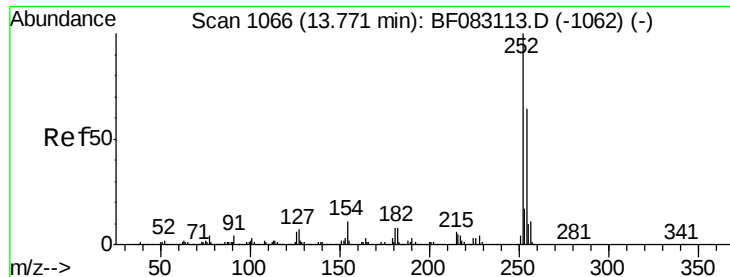
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 36.88 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.6	24.8





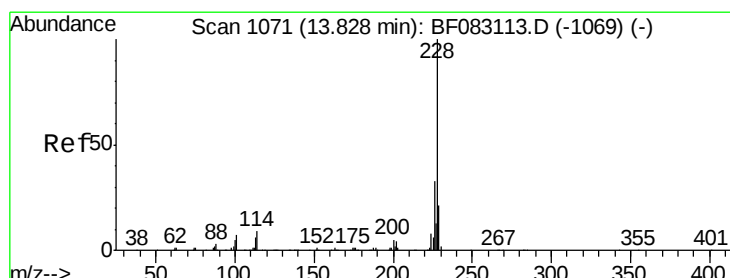
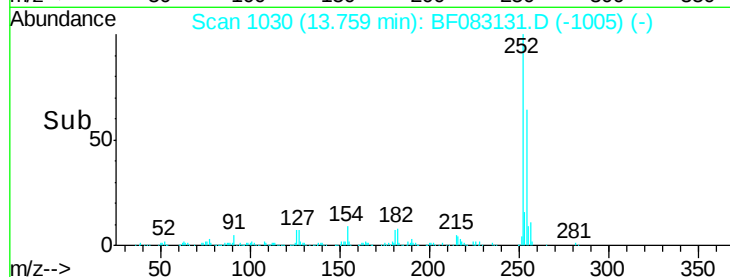
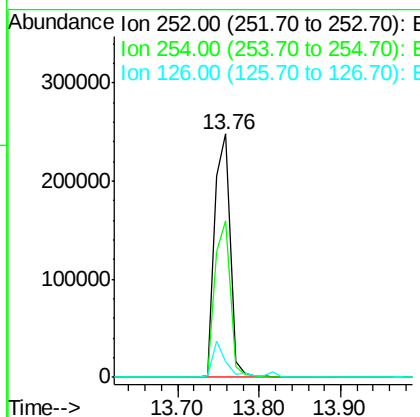
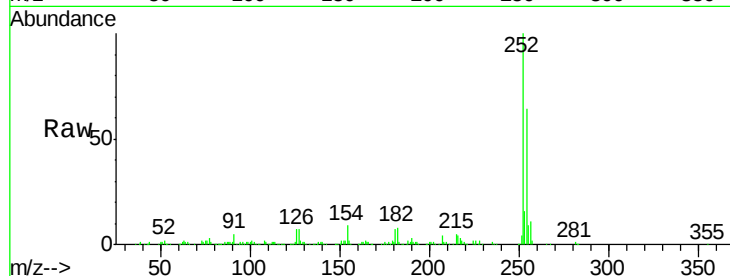
#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	6.5	5.2	7.8

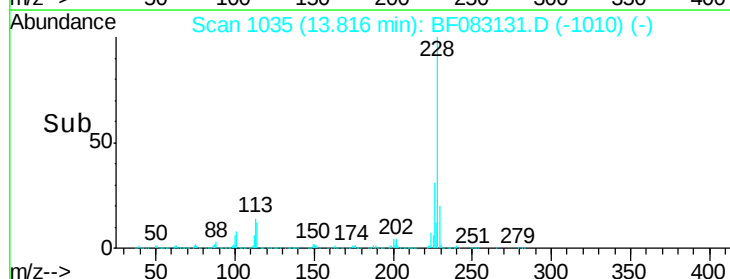
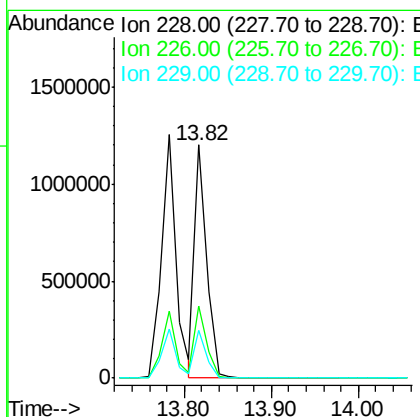
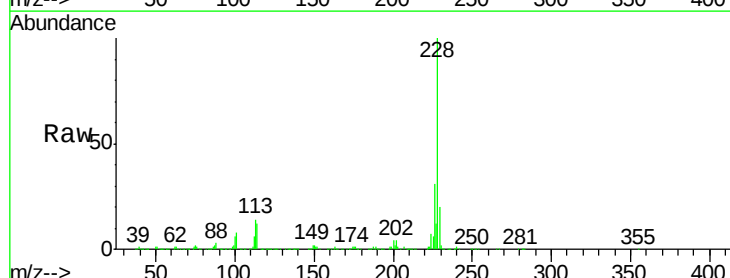
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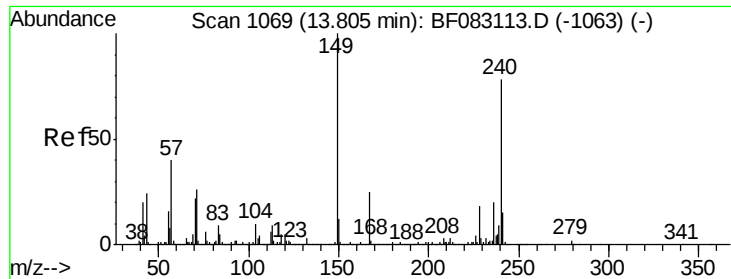
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#82
 Chrysene
 Concen: 31.97 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	20.3	16.6	25.0





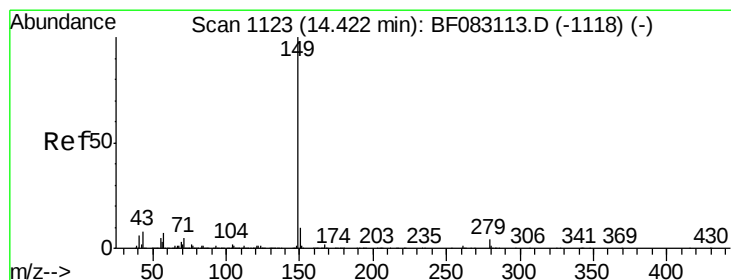
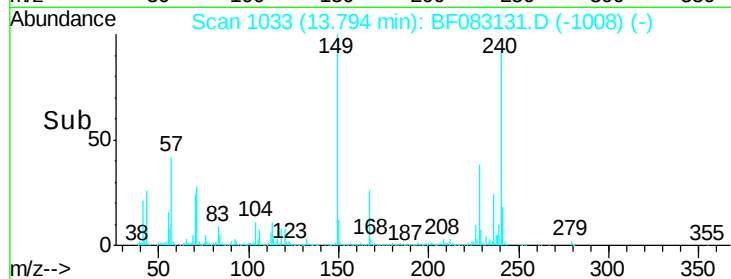
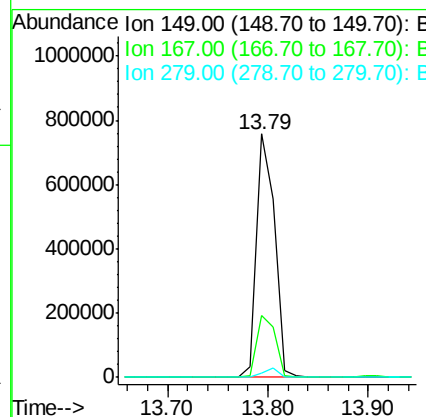
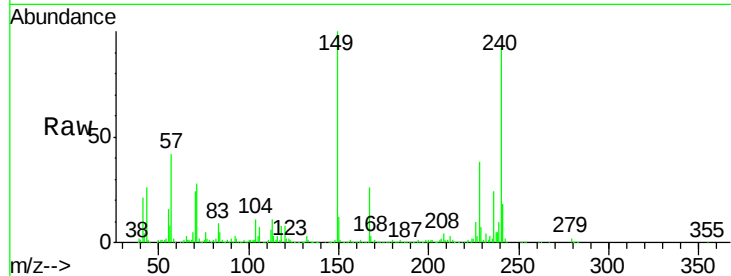
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.56 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.1	30.1
279	2.0	1.7	2.5

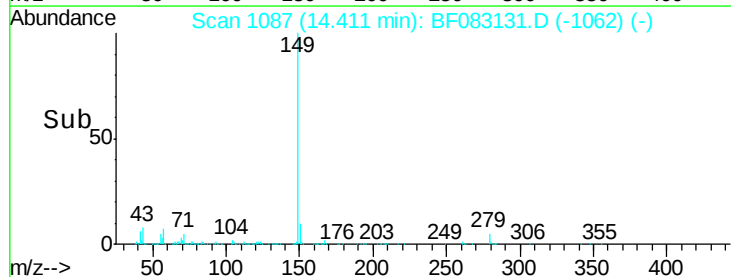
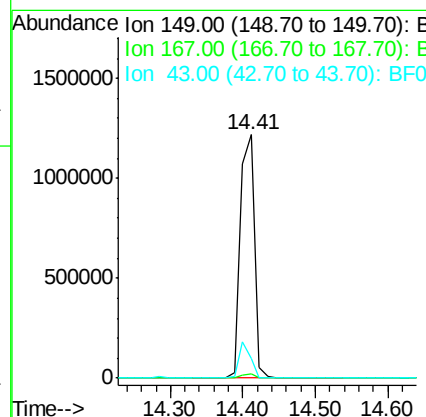
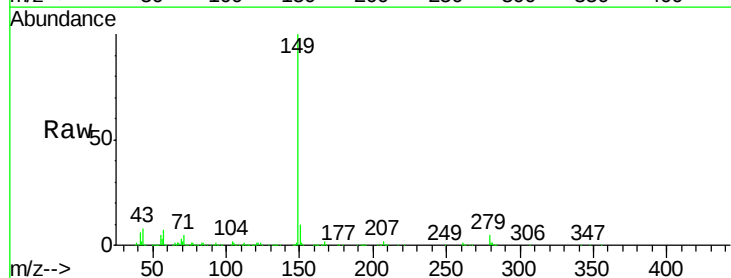
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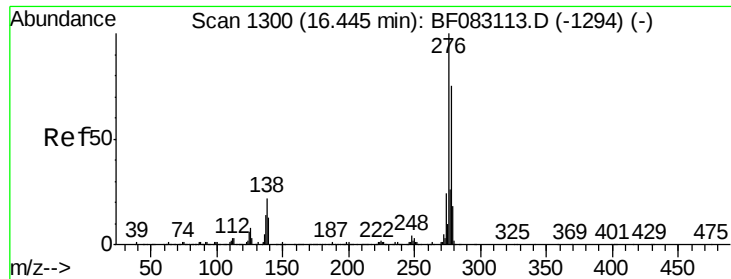
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 11/23/2015 7:01:37 PM



#84
 Di-n-octyl phthalate
 Concen: 35.81 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt 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: 35.45 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tot Ion:276 Resp: 1162288

Ion Ratio Lower Upper

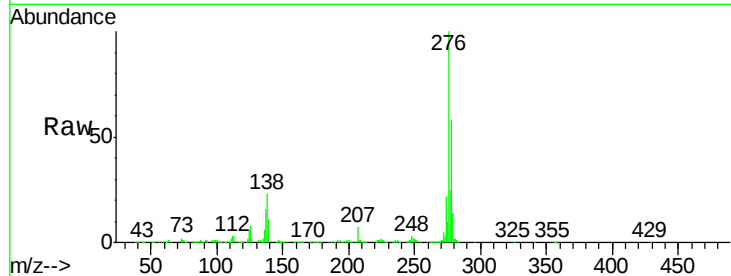
276 100

138 24.5 18.0 27.0

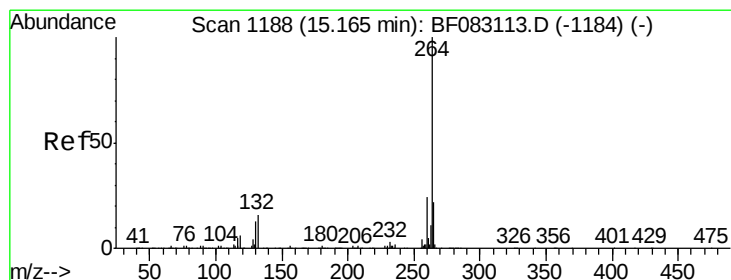
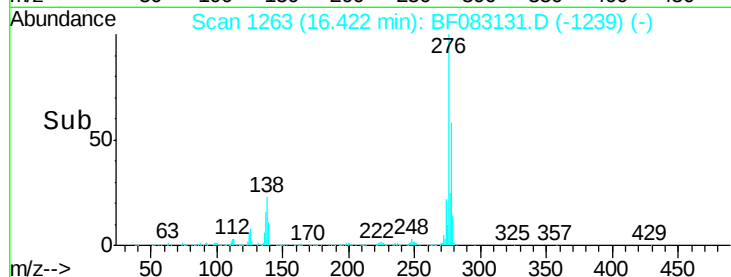
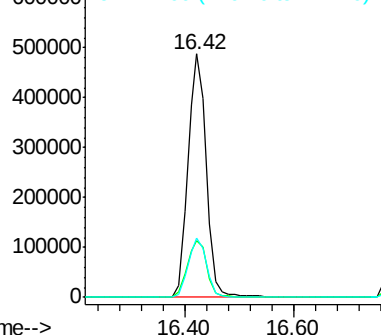
277 24.6 20.2 30.4

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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: BF083131.D

Acq: 22 Nov 2015 1:35

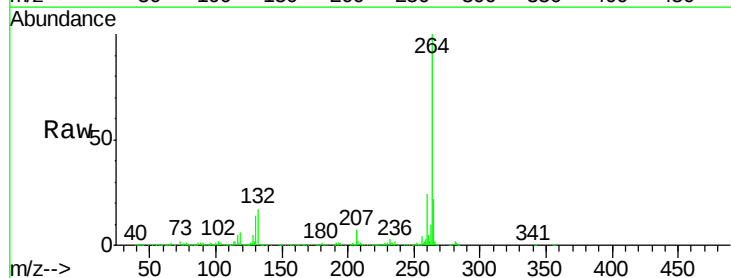
Tgt Ion:264 Resp: 555266

Ion Ratio Lower Upper

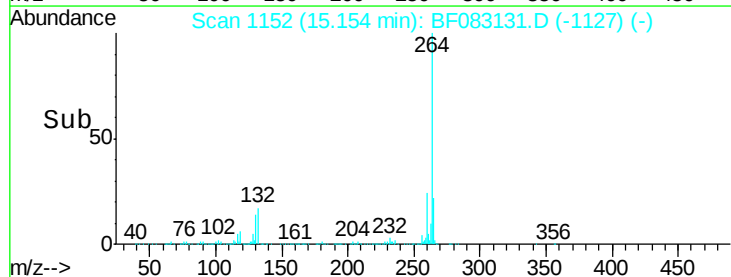
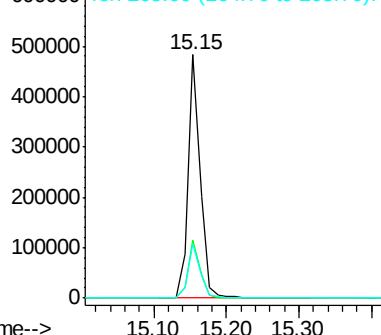
264 100

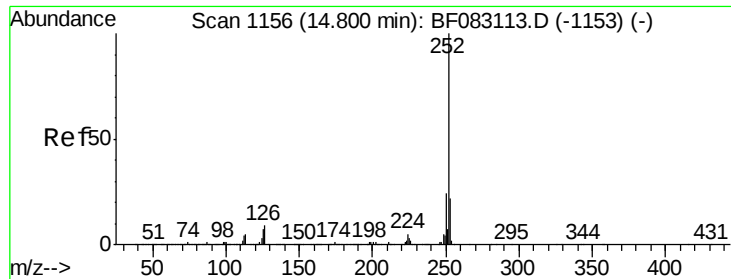
260 23.8 19.1 28.7

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: 35.95 ng m

RT: 14.79 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tot Ion:252 Resp: 1363870

Ion Ratio Lower Upper

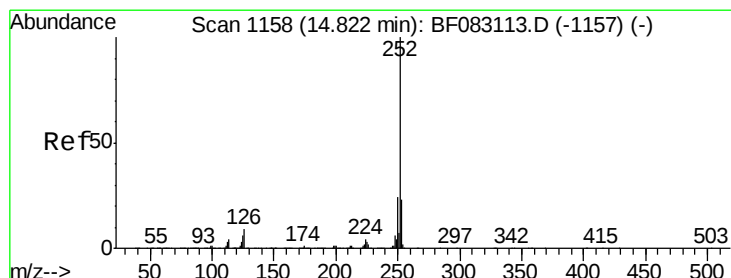
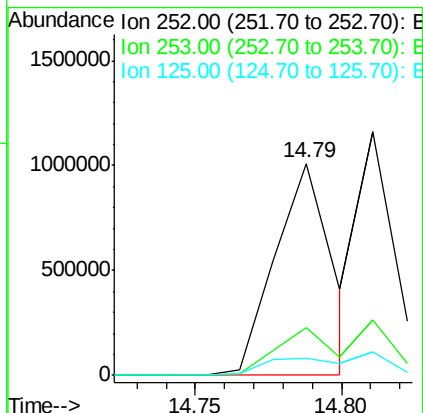
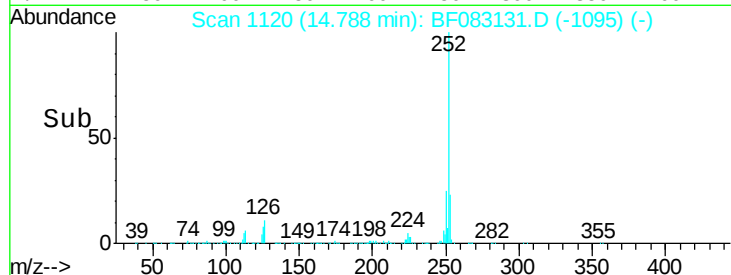
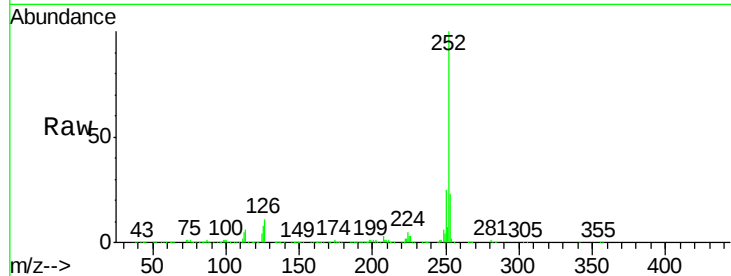
252 100

253 22.8 17.7 26.5

125 8.2 5.6 8.4

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#88

Benzo(k)fluoranthene

Concen: 35.46 ng m

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

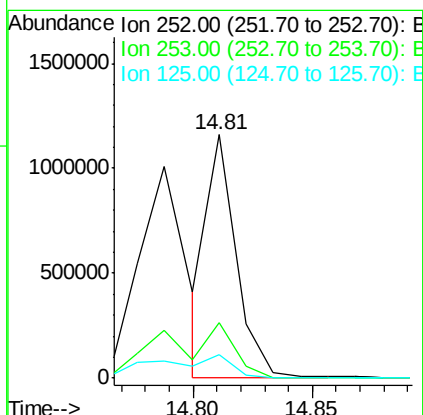
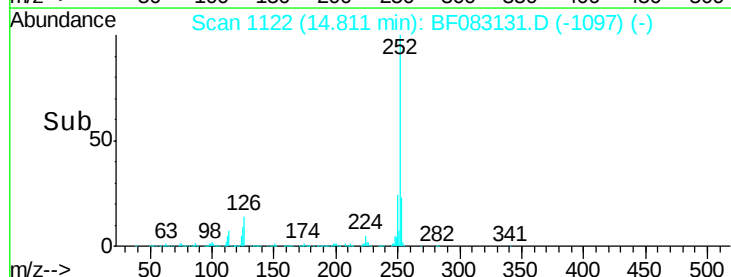
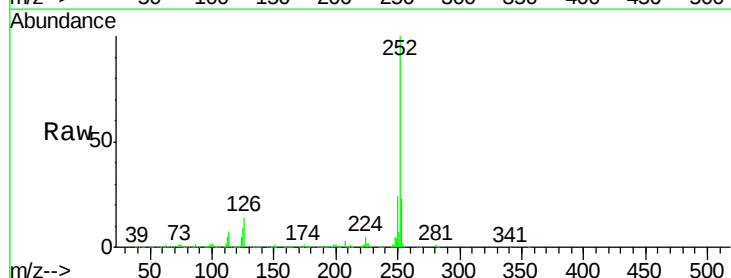
Tgt Ion:252 Resp: 1002378

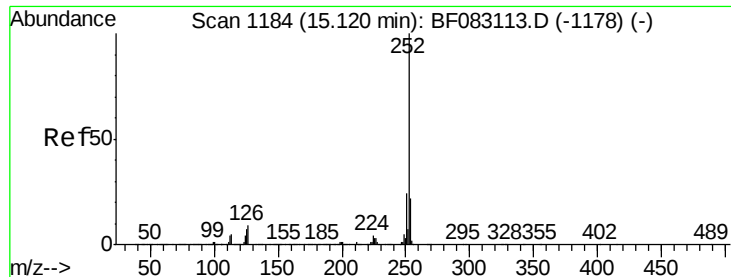
Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 9.5 6.8 10.2





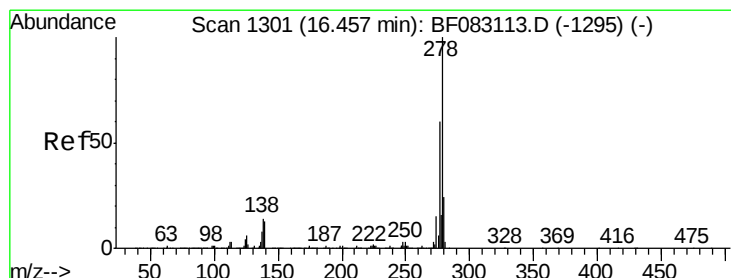
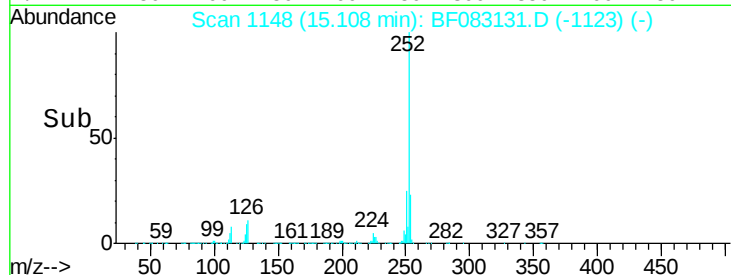
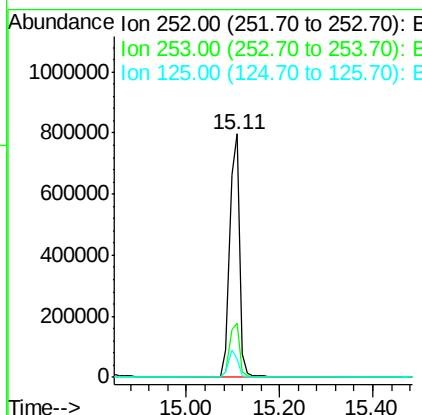
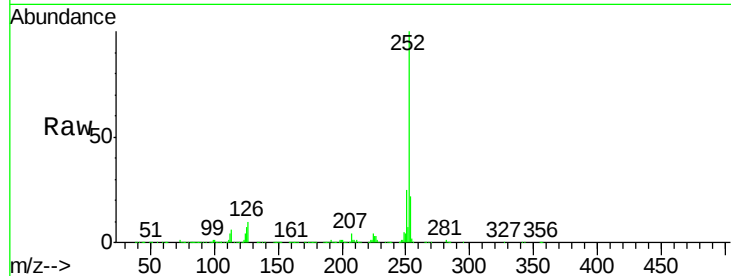
#89
Benzo(a)pyrene
Concen: 36.48 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion:252 Resp: 1142605
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.4 5.4 8.0

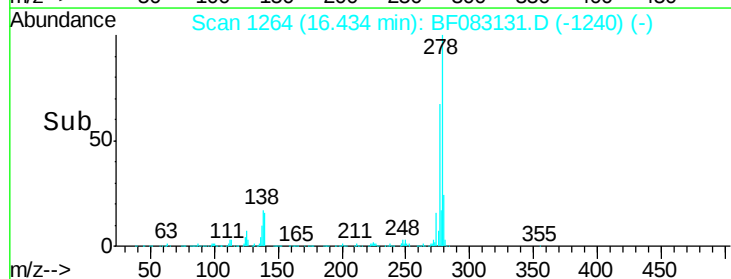
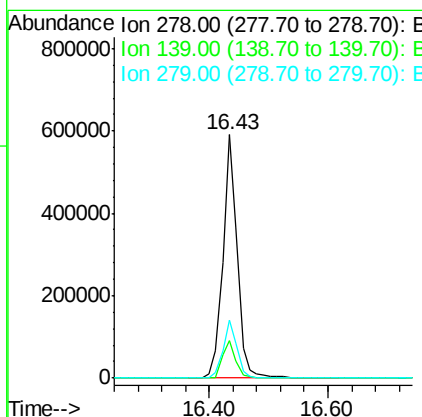
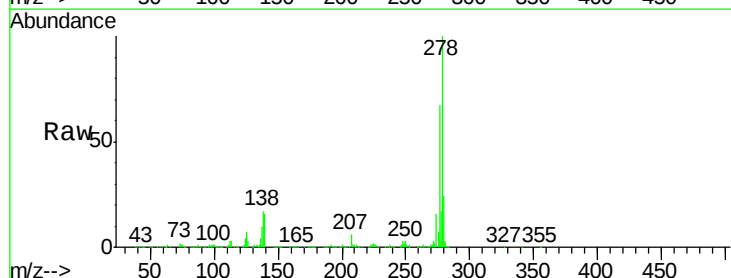
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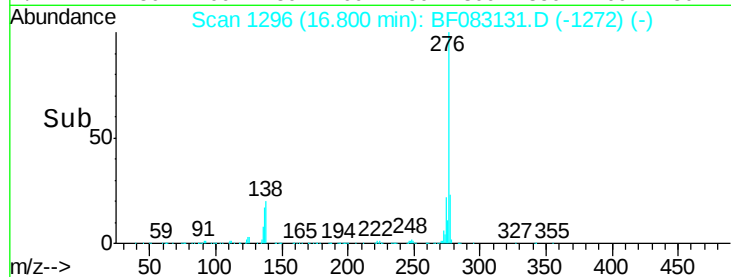
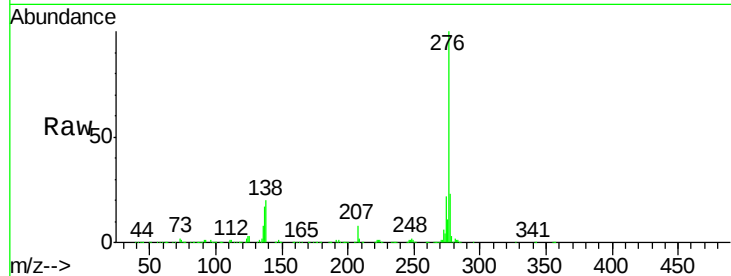
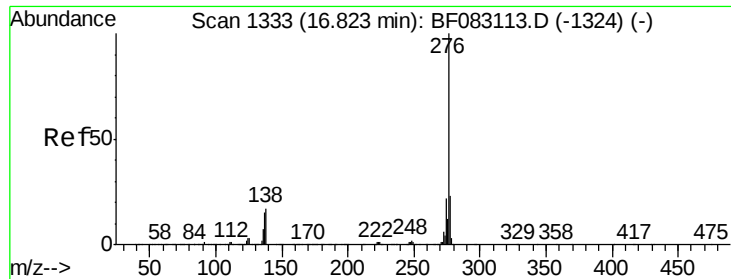
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#90
Dibenzo(a,h)anthracene
Concen: 34.83 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:278 Resp: 991053
Ion Ratio Lower Upper
278 100
139 15.6 10.7 16.1
279 24.0 19.3 28.9





#91
Benzo(a,h,i)perylene
Concen: 34.05 ng
RT: 16.80 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.7	28.1
138	20.0	13.9	20.9

Manual Integrations
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