

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083130.D
 Acq On : 22 Nov 2015 1:06
 Operator : UM/IZ
 Sample : PB86781BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:31 PM

Quant Time: Nov 22 09:43:14 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	191163	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	738996	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	369267	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	685785	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	629139	20.00	ng	-0.01
86) Perylene-d12	15.15	264	550295	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	970554	76.76	ng	-0.01
7) Phenol-d6	6.32	99	1252534	76.56	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1176951	72.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	284379	75.28	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1944074	73.41	ng	0.00
78) Terphenyl-d14	12.75	244	1992221	74.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	180463	28.81	ng	96
3) Pyridine	2.97	79	528007	31.92	ng	98
4) n-Nitrosodimethylamine	2.84	42	260926	34.20	ng	100
6) Aniline	6.32	93	481241	24.07	ng	# 83
8) 2-Chlorophenol	6.44	128	517558	37.89	ng	97
9) Benzaldehyde	6.20	77	246832	27.46	ng	90
10) Phenol	6.34	94	673169	34.01	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	534691	37.83	ng	99
12) 1,3-Dichlorobenzene	6.59	146	555330m	35.60	ng	
13) 1,4-Dichlorobenzene	6.67	146	562543	35.65	ng	94
14) 1,2-Dichlorobenzene	6.82	146	489166	34.11	ng	98
15) Benzyl Alcohol	6.82	79	501577	36.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	855104	38.80	ng	86
17) 2-Methylphenol	6.95	107	423585	37.47	ng	97
18) Hexachloroethane	7.16	117	202408	36.42	ng	# 86
19) n-Nitroso-di-n-propylamine	7.10	70	404407	35.52	ng	# 86
20) 3+4-Methylphenols	7.10	107	573458	40.13	ng	91
22) Acetophenone	7.08	105	723428	34.10	ng	# 91
24) Nitrobenzene	7.24	77	615505	35.62	ng	100
25) Isophorone	7.50	82	1068418	34.89	ng	99
26) 2-Nitrophenol	7.56	139	273251	35.82	ng	95
27) 2,4-Dimethylphenol	7.62	122	449612	36.93	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	659077	37.02	ng	99
29) 2,4-Dichlorophenol	7.82	162	449581	38.82	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	438579	34.48	ng	95
31) Naphthalene	7.96	128	1437618	36.05	ng	99
32) Benzoic acid	7.78	122	338582	35.78	ng	95
33) 4-Chloroaniline	8.03	127	239820	15.50	ng	# 87
34) Hexachlorobutadiene	8.09	225	265919	35.38	ng	98
35) Caprolactam	8.42	113	150381m	40.52	ng	
36) 4-Chloro-3-methylphenol	8.52	107	482473	35.97	ng	89
37) 2-Methylnaphthalene	8.65	142	914895	35.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	411138	34.35	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	474535	69.73	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	313990	36.63	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	322549	36.80	nq	99
45) 1,1'-Biphenyl	9.12	154	1112472	35.40	nq	97
46) 2-Chloronaphthalene	9.14	162	906610	36.73	nq	96
47) 2-Nitroaniline	9.24	65	312353	35.77	nq	99
48) Acenaphthylene	9.55	152	1406402	36.76	nq	99
49) Dimethylphthalate	9.44	163	1117032	39.29	nq	99
50) 2,6-Dinitrotoluene	9.48	165	228551	35.83	nq	93
51) Acenaphthene	9.72	154	835941	35.90	nq	99
52) 3-Nitroaniline	9.66	138	133068	19.57	nq	# 66
53) 2,4-Dinitrophenol	9.76	184	288305	78.45	nq	# 85
54) Dibenzofuran	9.90	168	1202395	36.52	nq	96
55) 4-Nitrophenol	9.85	139	370069	70.96	nq	97
56) 2,4-Dinitrotoluene	9.90	165	308252	38.14	nq	# 82
57) Fluorene	10.24	166	1006214	36.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272571	37.91	nq	99
59) Diethylphthalate	10.14	149	1072402	37.90	nq	100
60) 4-Chlorophenyl-phenylether	10.24	204	459605	36.88	nq	# 82
61) 4-Nitroaniline	10.27	138	229561	34.28	nq	89
62) Azobenzene	10.39	77	1239861	38.39	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	196273	41.54	nq	89
65) n-Nitrosodiphenylamine	10.35	169	842913	36.14	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	295808	38.87	nq	# 90
67) Hexachlorobenzene	10.79	284	316034	37.71	nq	# 79
68) Atrazine	10.89	200	266423	39.34	nq	97
69) Pentachlorophenol	10.98	266	388170	71.11	nq	97
70) Phenanthrene	11.19	178	1447988	36.65	nq	100
71) Anthracene	11.24	178	1602499	39.75	nq	100
72) Carbazole	11.40	167	1401492	39.11	nq	99
73) Di-n-butylphthalate	11.75	149	1682191	38.46	nq	99
74) Fluoranthene	12.38	202	1644760	40.67	nq	95
76) Benzidine	12.50	184	603248	36.58	nq	100
77) Pyrene	12.59	202	1549591	36.05	nq	100
79) Butylbenzylphthalate	13.23	149	751835	36.96	nq	97
80) Benzo(a)anthracene	13.78	228	1509211	38.79	nq	100
81) 3,3'-Dichlorobenzidine	13.76	252	363049	26.81	nq	100
82) Chrysene	13.82	228	1209538	33.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1003377	37.77	nq	99
84) Di-n-octyl phthalate	14.41	149	1737650	37.99	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1210184	36.87	nq	98
87) Benzo(b)fluoranthene	14.79	252	1371644m	36.48	nq	
88) Benzo(k)fluoranthene	14.81	252	1073636m	38.32	nq	
89) Benzo(a)pyrene	15.11	252	1191118	38.37	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	1022280	36.25	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	991312	36.01	nq	97

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

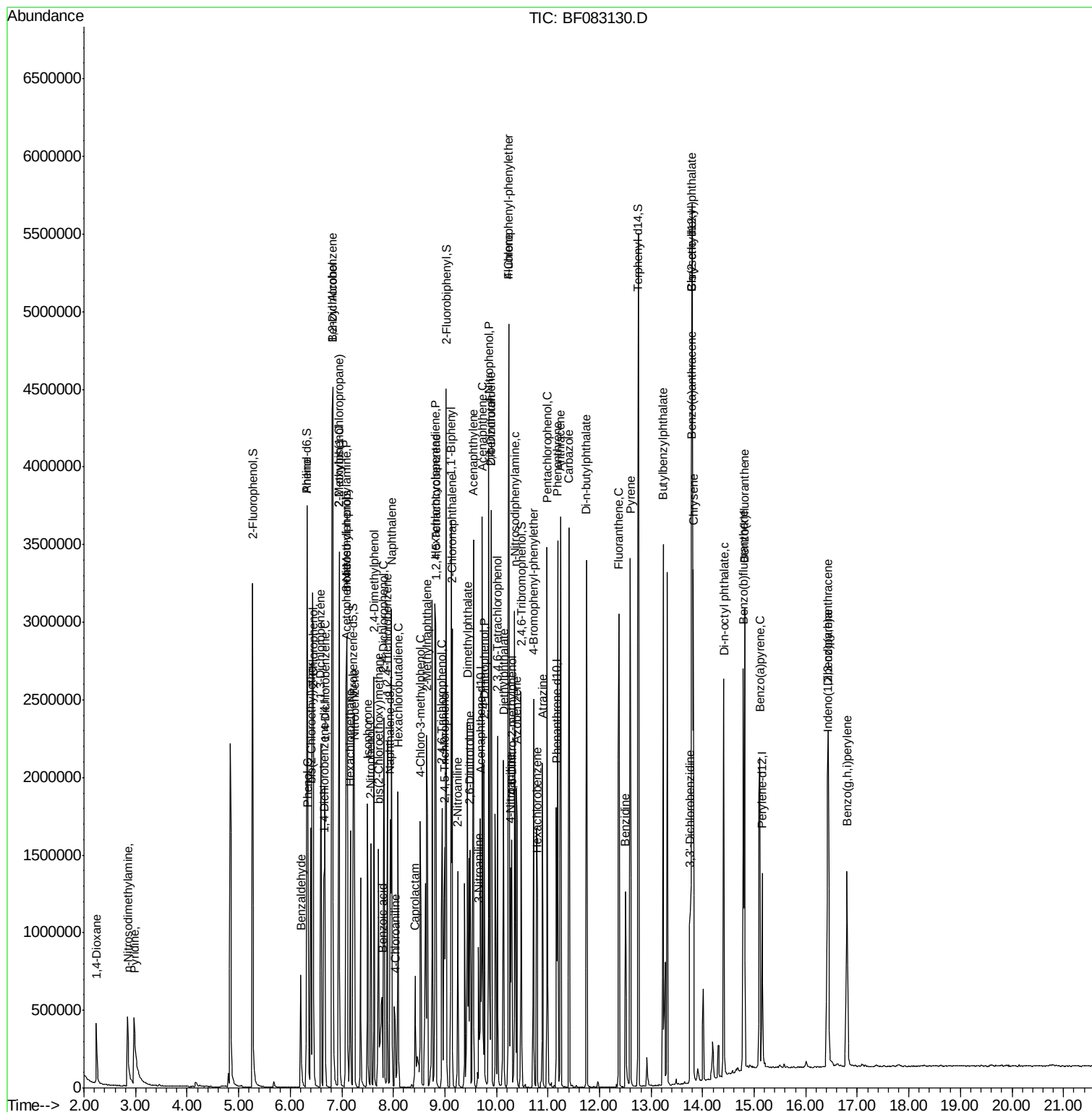
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Operator  : UM/IZ  
Sample    : PB86781BSD  
Misc      :  
ALS Vial  : 20    Sample Multiplier: 1
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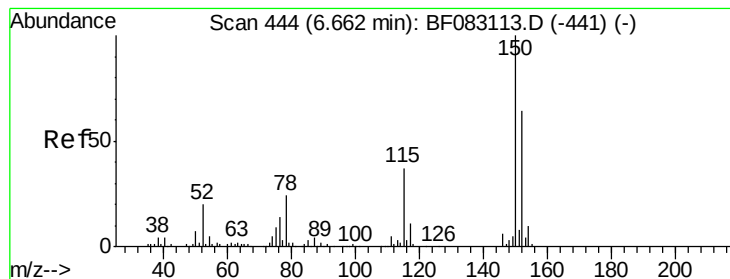
Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

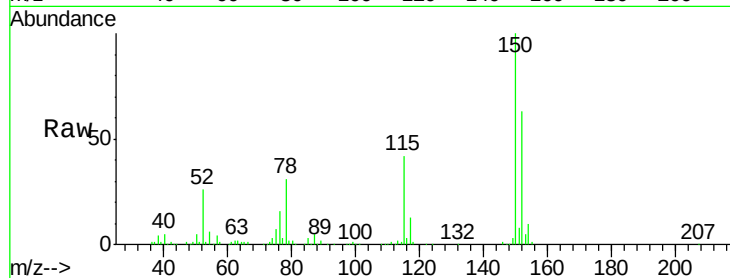
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PB86781BSD

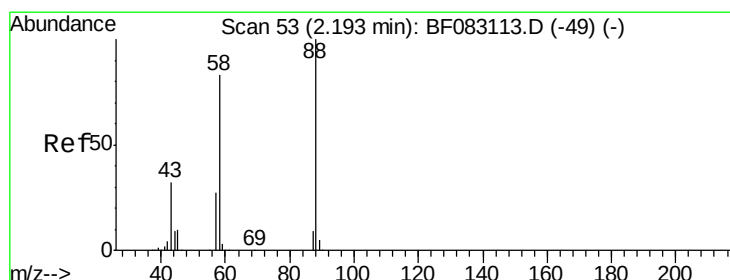
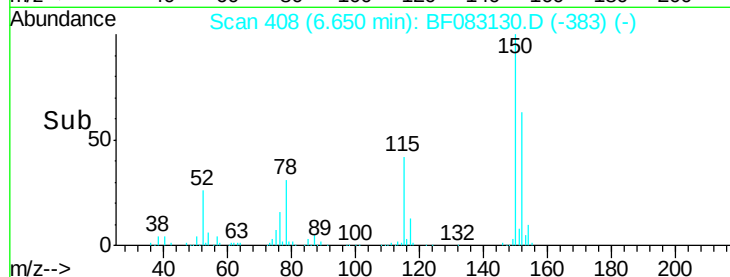
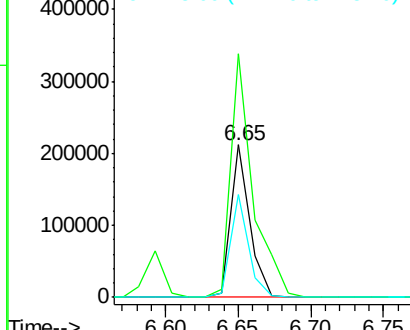
Tot Ion:	152	Resp:	191163
Ion Ratio	Lower	Upper	
152	100		
150	159.7	125.8	188.8
115	67.9	46.9	70.3

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



#2

1,4-Dioxane

Concen: 28.81 ng

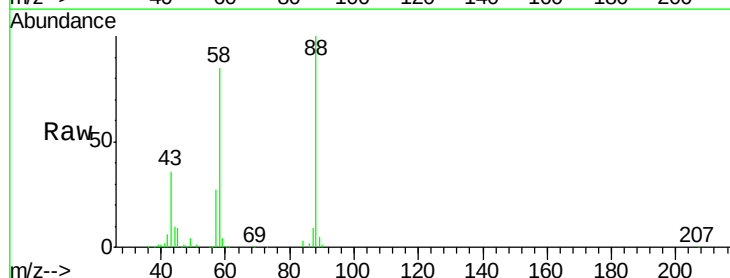
RT: 2.24 min Scan# 22

Delta R.T. 0.05 min

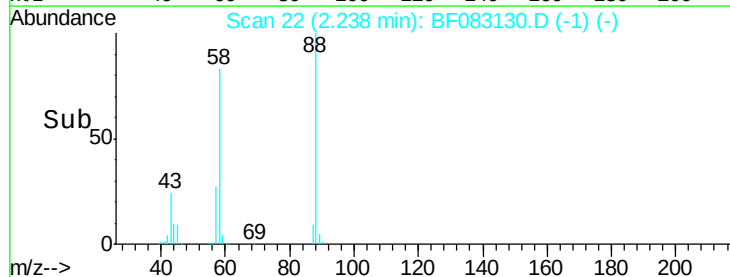
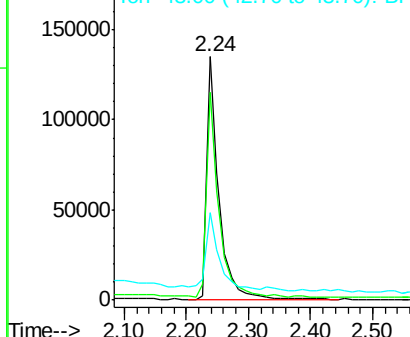
Lab File: BF083130.D

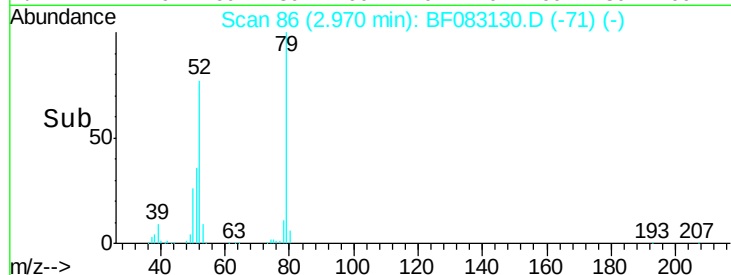
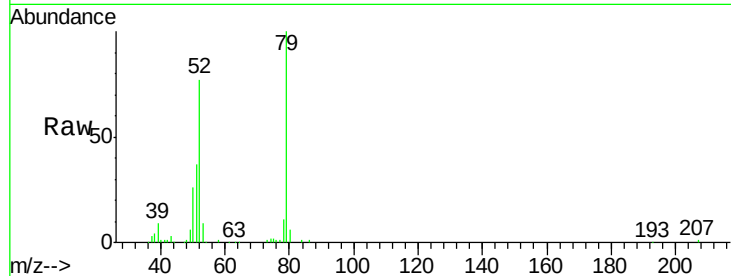
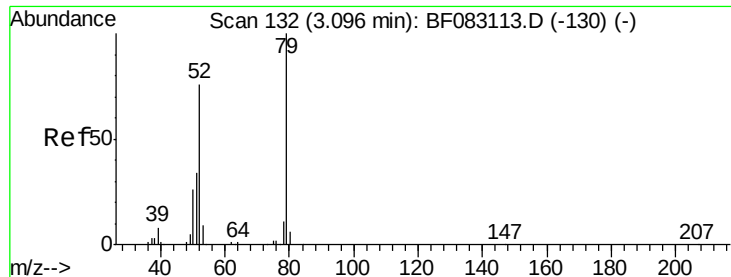
Acq: 22 Nov 2015 1:06

Tgt Ion:	88	Resp:	180463
Ion Ratio	Lower	Upper	
88	100		
58	85.0	65.0	97.6
43	32.8	24.7	37.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.92 ng

RT: 2.97 min Scan# 86

Delta R.T. -0.13 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tot Ion:	79	Resp:	528007
Ion Ratio	Lower	Upper	
79	100		
52	77.4	60.7	91.1
51	36.6	27.9	41.9

Instrument :

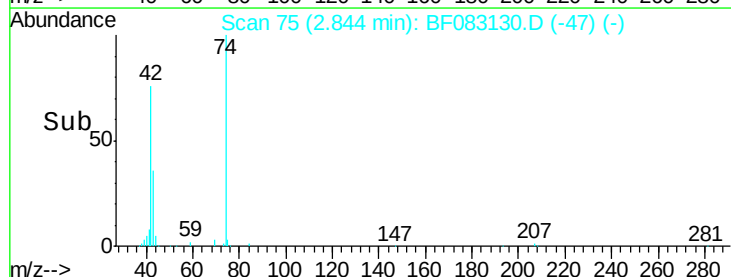
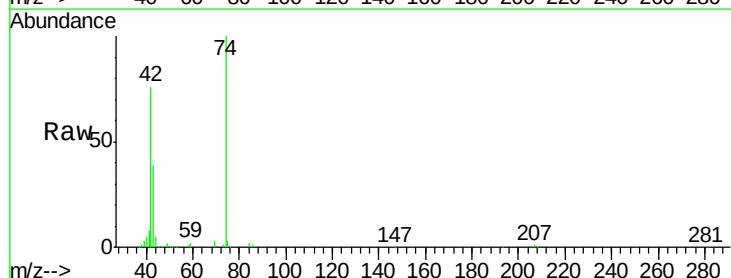
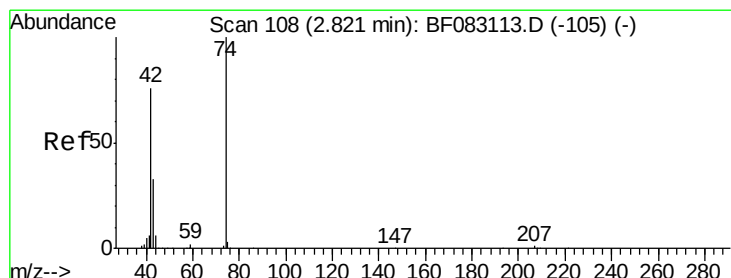
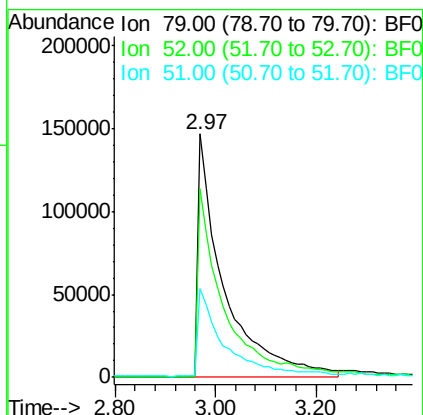
BNA_F

ClientSampleId :

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#4

n-Nitrosodimethylamine

Concen: 34.20 ng

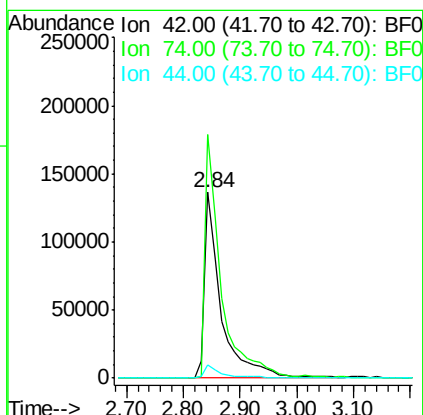
RT: 2.84 min Scan# 75

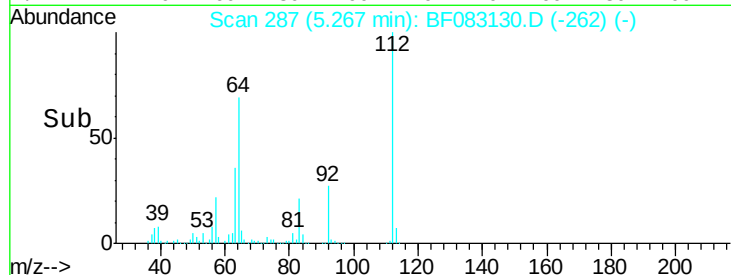
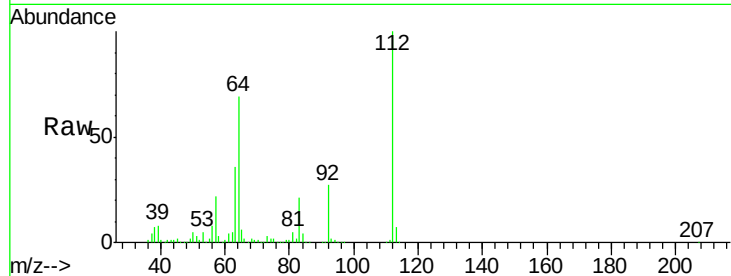
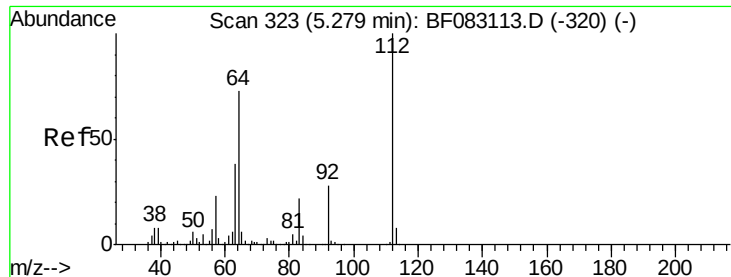
Delta R.T. 0.02 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	42	Resp:	260926
Ion Ratio	Lower	Upper	
42	100		
74	131.0	104.8	157.2
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 76.76 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083130.D

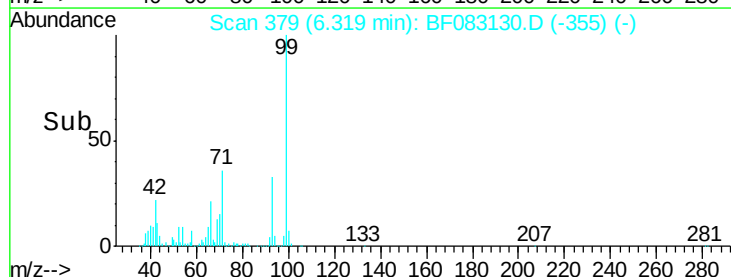
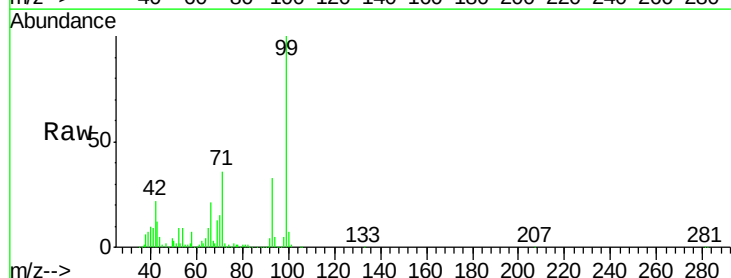
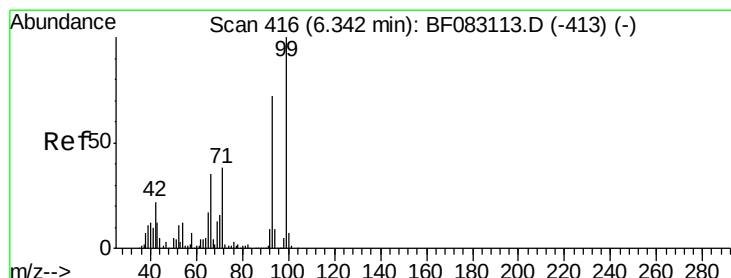
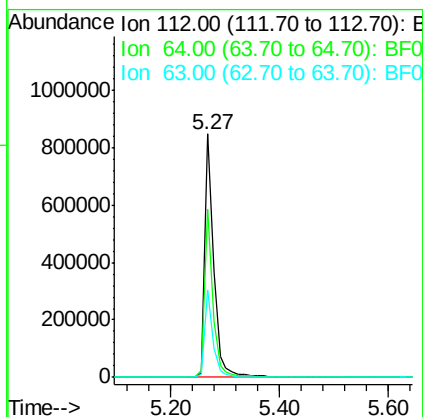
Acq: 22 Nov 2015 1:06

Tot Ion:	112	Resp:	970554
Ion Ratio	Lower	Upper	
112	100		
64	69.0	58.4	87.6
63	35.7	30.0	45.0

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11/23/2015 7:01:31 PM



#6

Aniline

Concen: 24.07 ng

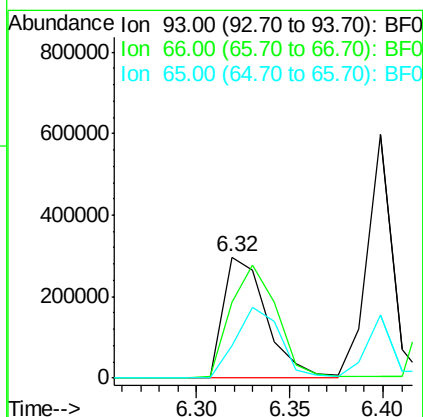
RT: 6.32 min Scan# 379

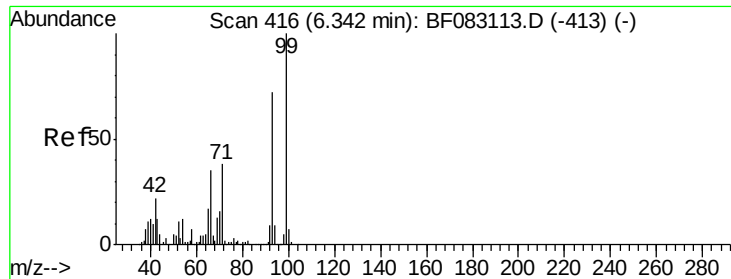
Delta R.T. -0.02 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	93	Resp:	481241
Ion Ratio	Lower	Upper	
93	100		
66	62.7	38.7	58.1#
65	26.9	18.6	27.8





#7

Phenol-d6

Concen: 76.56 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion: 99 Resp: 1252534

Ion Ratio Lower Upper

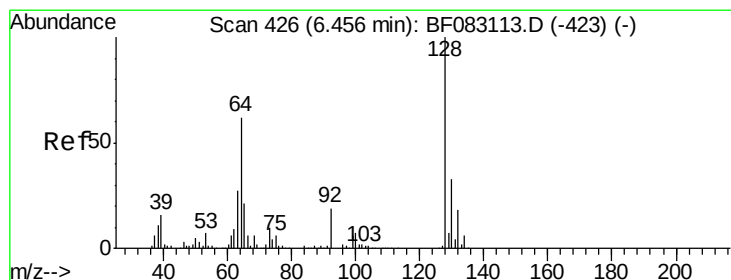
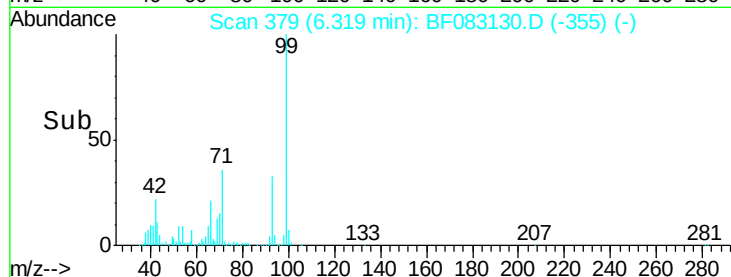
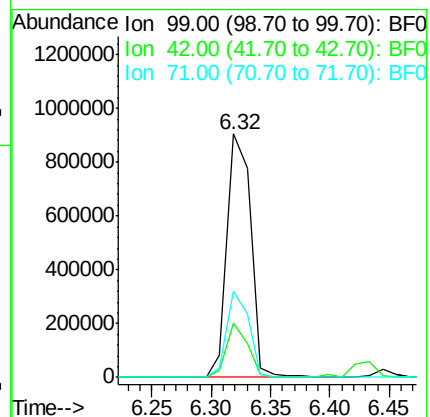
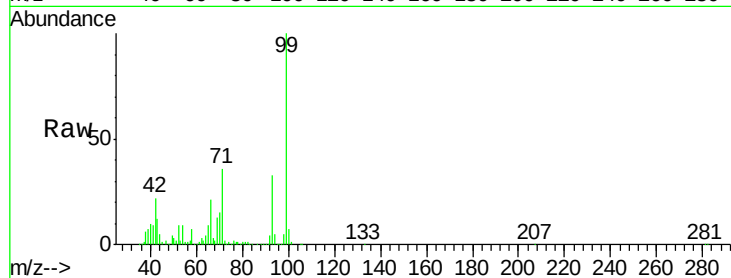
99 100

42 22.1 17.7 26.5

71 35.5 30.2 45.4

Manual Integrations
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11/23/2015 7:01:31 PM



#8

2-Chlorophenol

Concen: 37.89 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

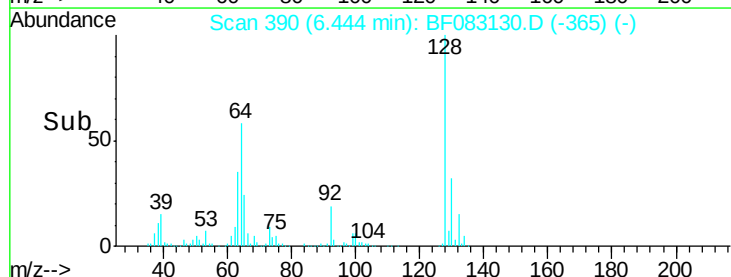
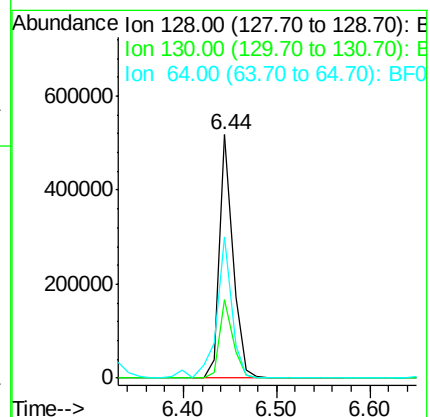
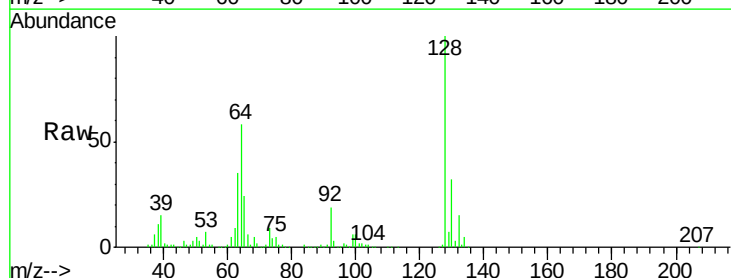
Tgt Ion: 128 Resp: 517558

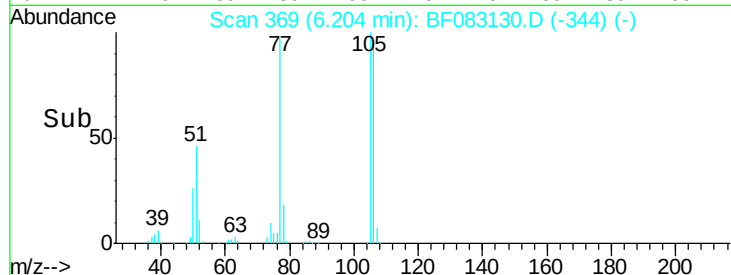
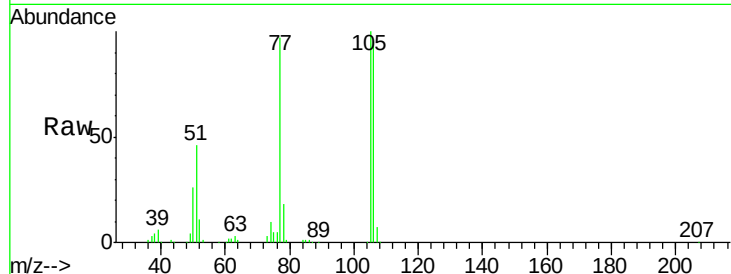
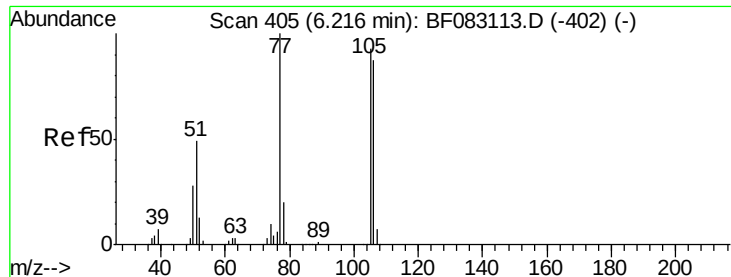
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 58.1 41.9 81.9





#9

Benzaldehyde

Concen: 27.46 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tot Ion:	77	Resp:	246832
Ion Ratio	Lower	Upper	
77	100		
105	102.7	73.4	113.4
106	97.8	67.5	107.5

Instrument :

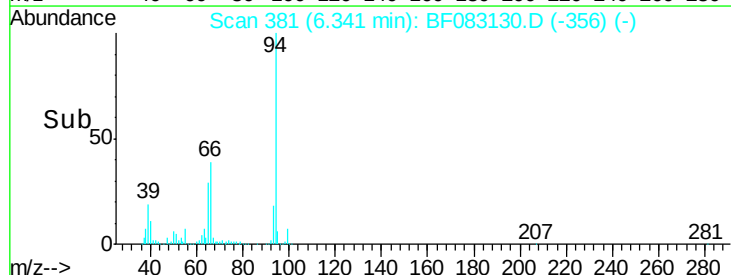
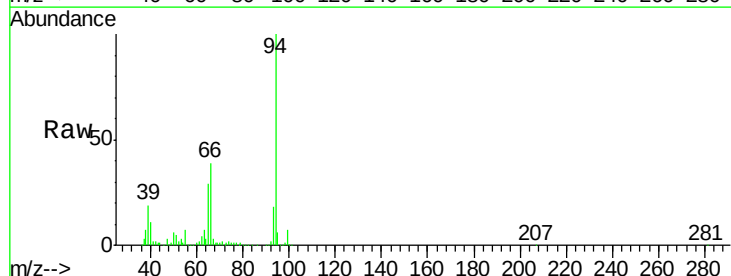
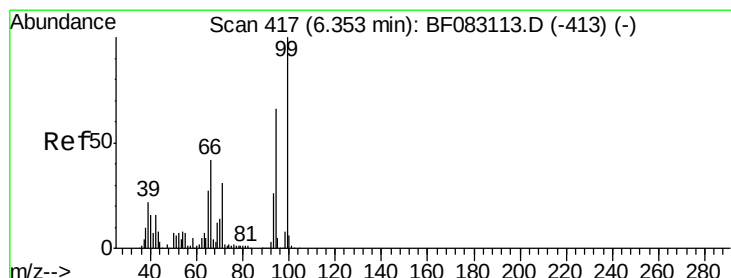
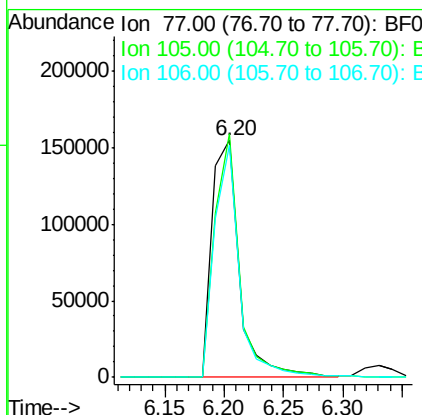
BNA_F

ClientSampleId :

PB86781BSD

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#10

Phenol

Concen: 34.01 ng

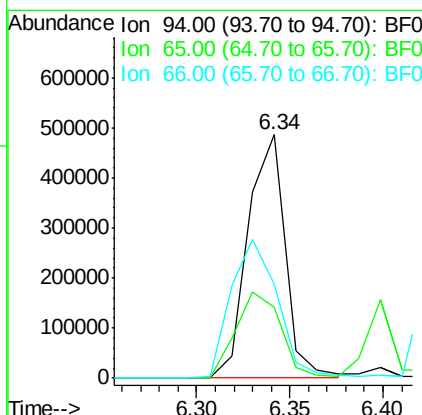
RT: 6.34 min Scan# 381

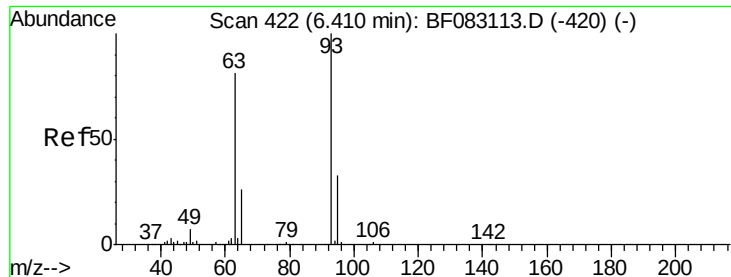
Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	94	Resp:	673169
Ion Ratio	Lower	Upper	
94	100		
65	28.9	21.1	61.1
66	38.5	43.1	83.1#





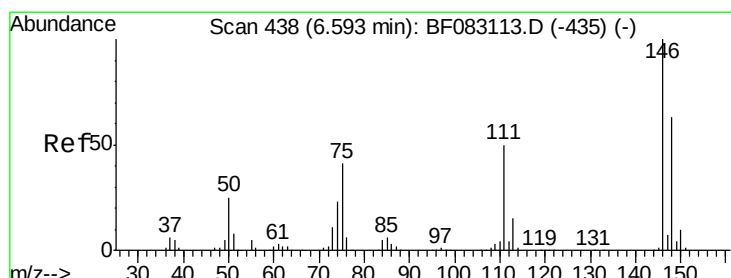
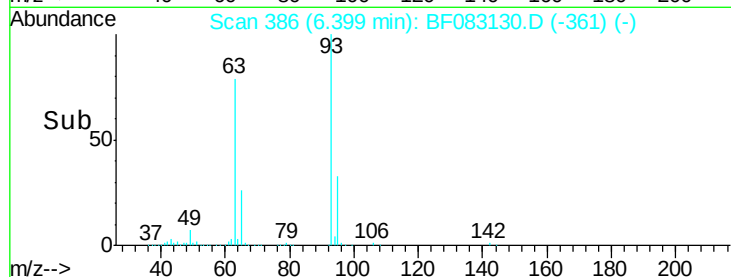
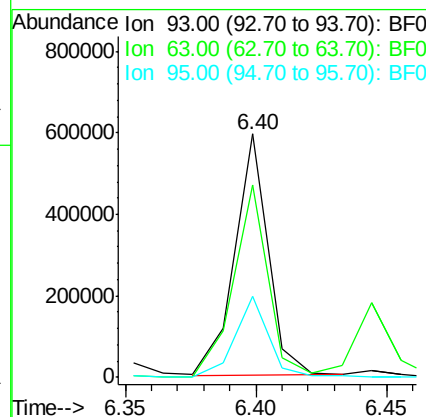
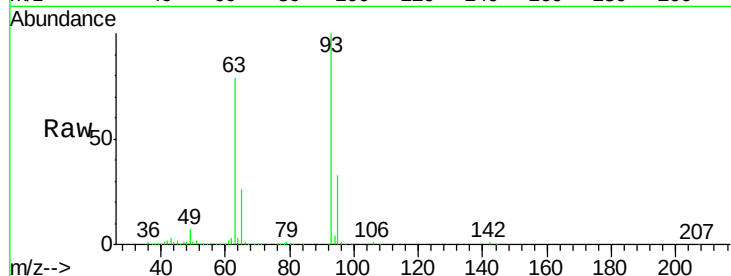
#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	534691		
63	79.0		59.8	99.8
95	33.1		13.0	53.0

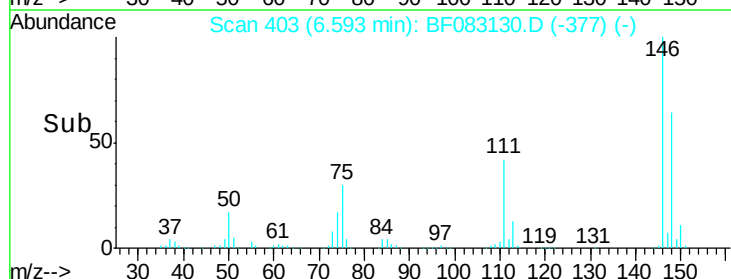
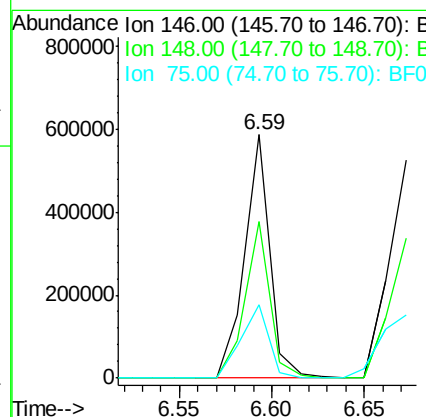
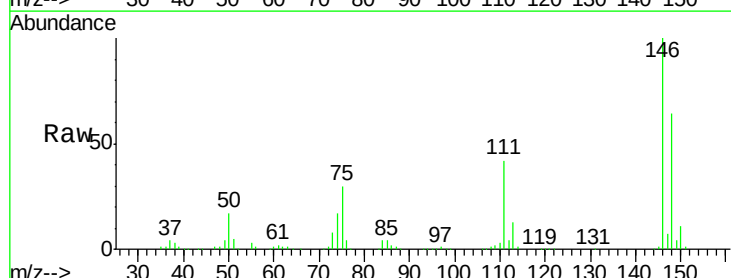
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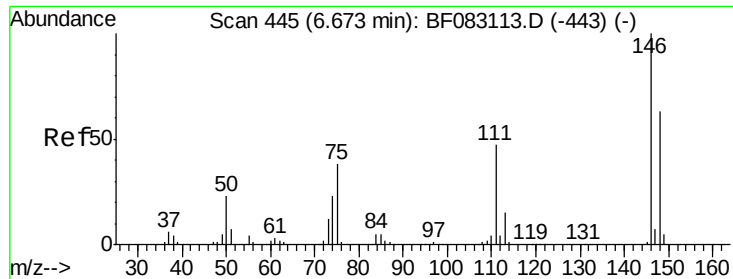
Mmdadoda
11/23/2015 7:01:31 PM



#12
1,3-Dichlorobenzene
Concen: 35.60 ng m
RT: 6.59 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	555330		
148	64.4		50.2	75.2
75	30.1		32.7	49.1#





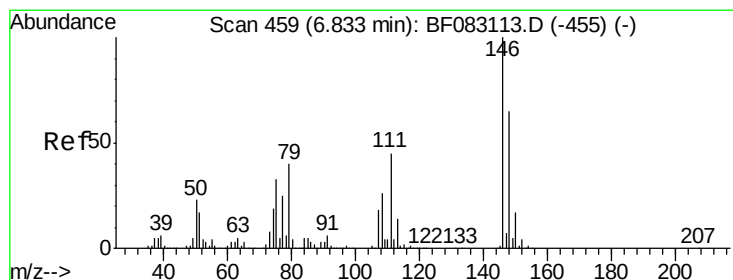
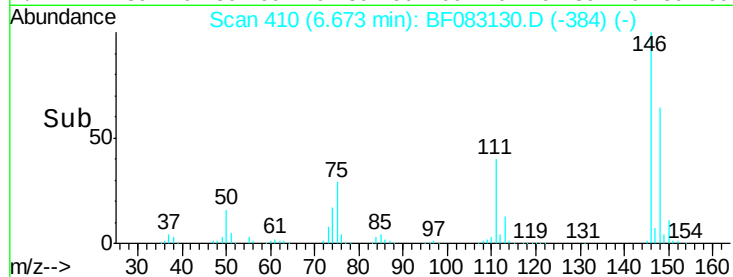
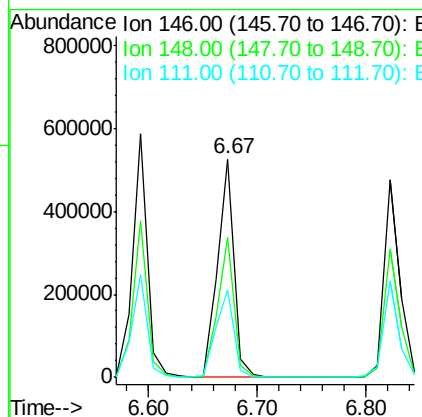
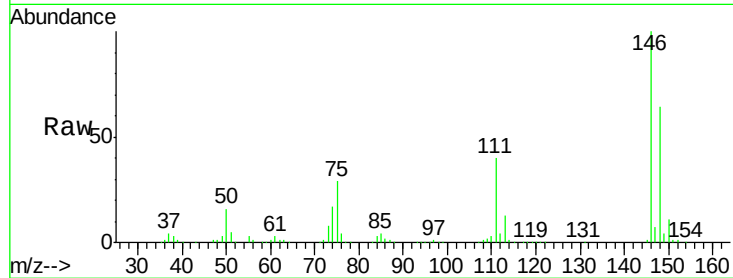
#13
 1,4-Dichlorobenzene
 Concen: 35.65 ng
 RT: 6.67 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.2
111	39.9	37.5	56.3

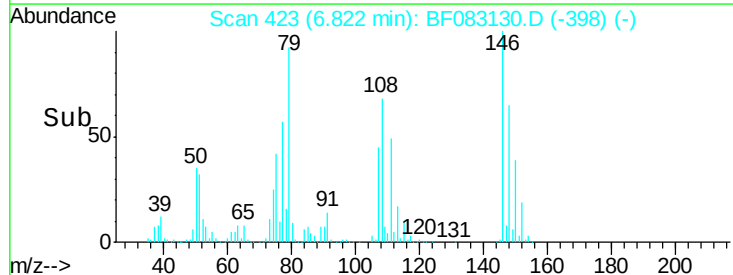
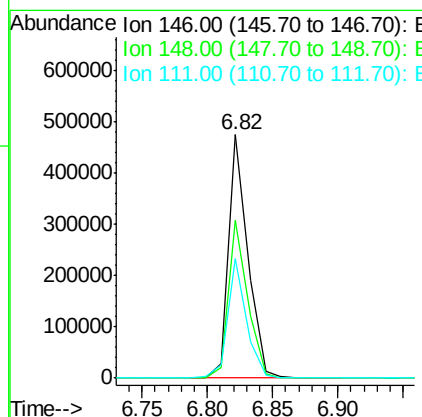
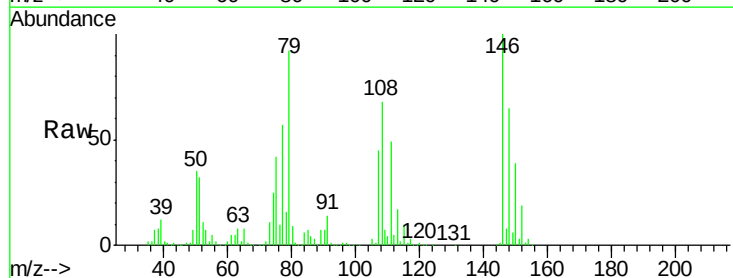
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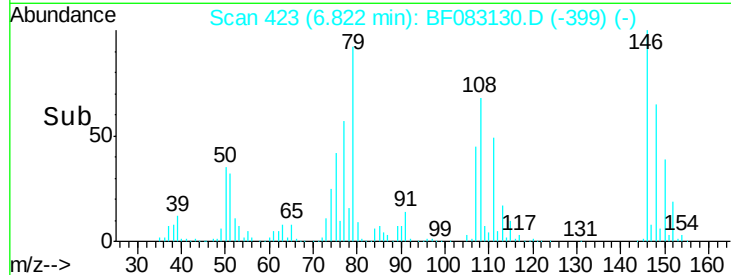
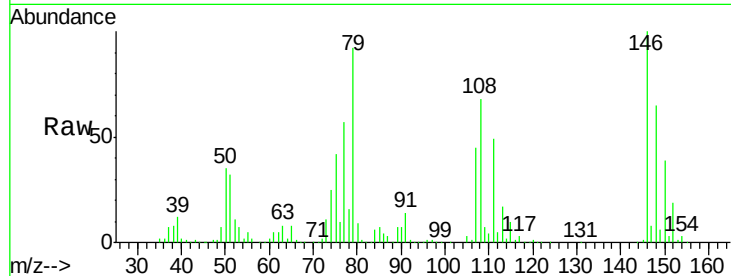
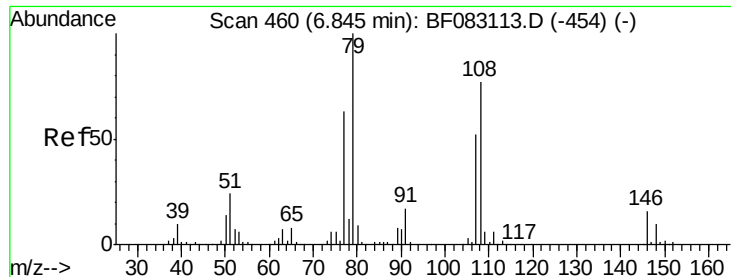
Mmdadoda
 11/23/2015 7:01:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.11 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	48.9	36.2	54.4





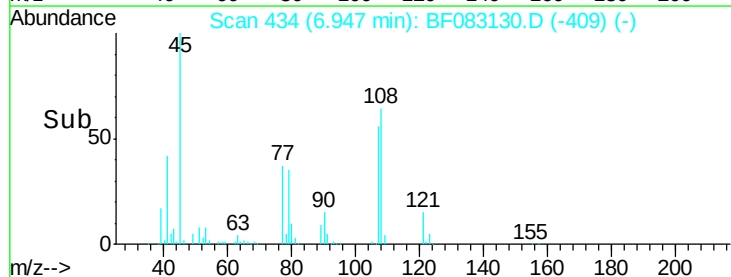
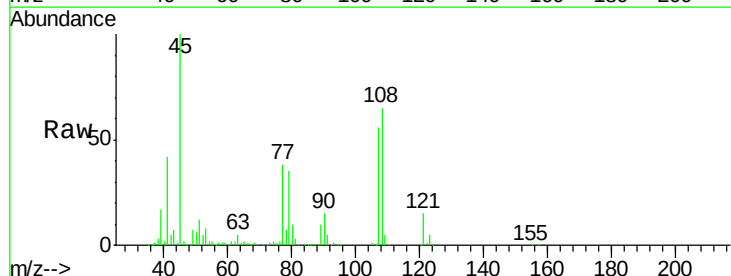
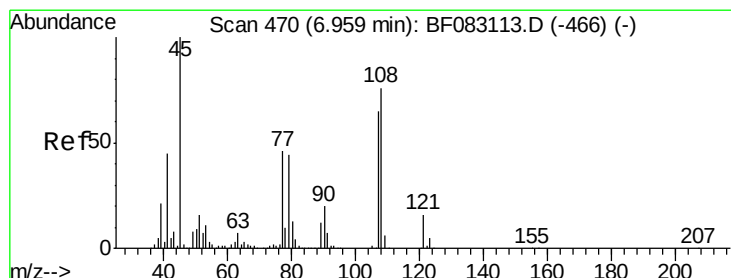
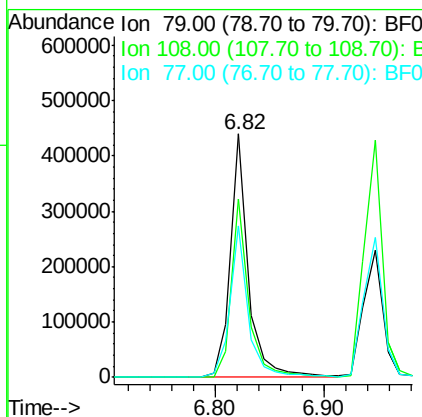
#15
Benzyl Alcohol
Concen: 36.69 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tot Ion:	79	Resp:	501577
Ion Ratio	Lower	Upper	
79	100		
108	73.5	61.4	92.2
77	62.1	50.5	75.7

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

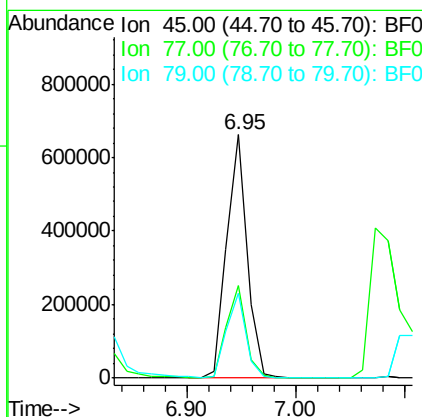
Manual Integrations
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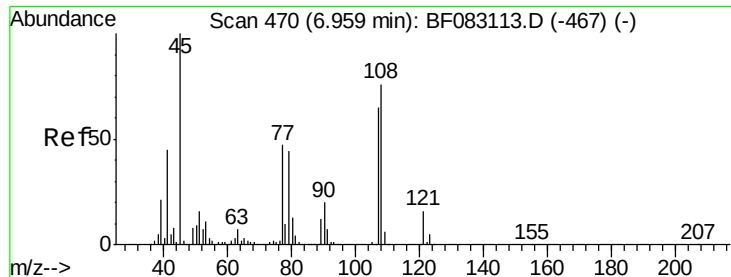
Mmdadoda
11/23/2015 7:01:31 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.80 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion:	45	Resp:	855104
Ion Ratio	Lower	Upper	
45	100		
77	38.0	26.7	66.7
79	34.8	24.3	64.3





#17

2-Methylphenol

Concen: 37.47 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion:107 Resp: 423585

Ion Ratio Lower Upper

107 100

108 116.1 93.8 140.6

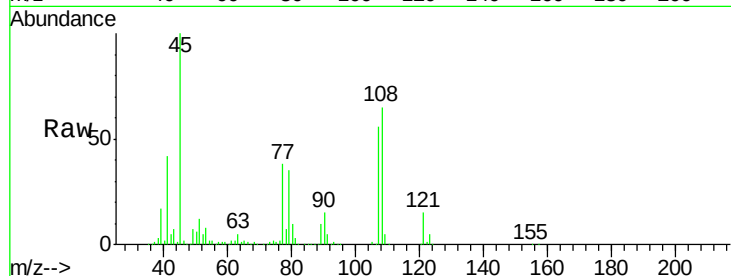
77 68.2 57.4 86.0

79 62.4 54.4 81.6

Manual Integrations
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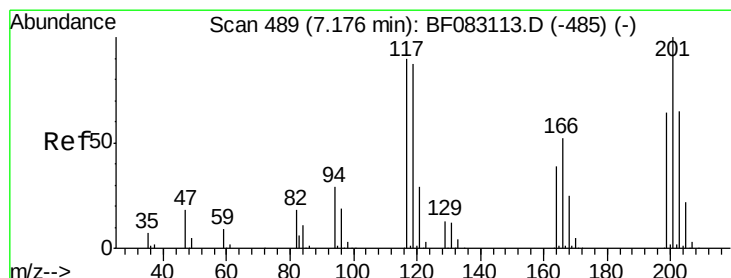
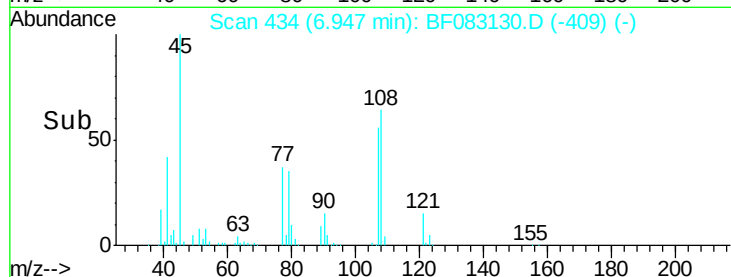
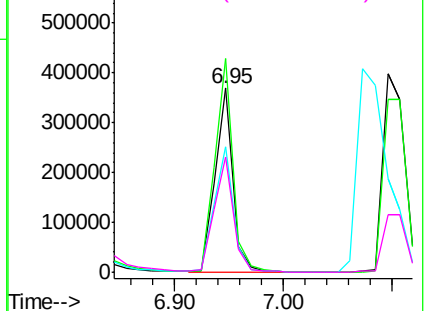


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.42 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

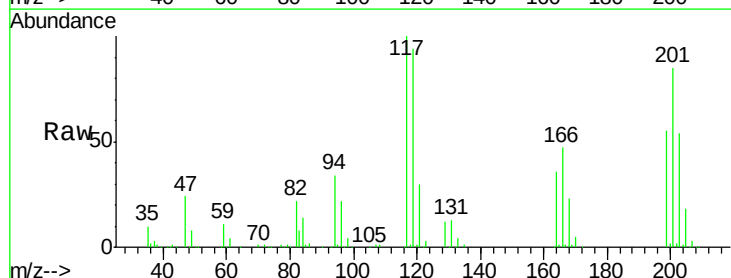
Tgt Ion:117 Resp: 202408

Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2

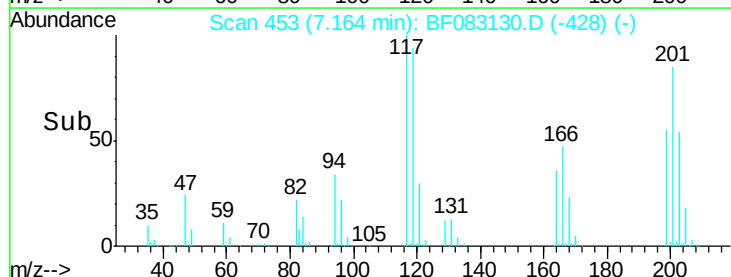
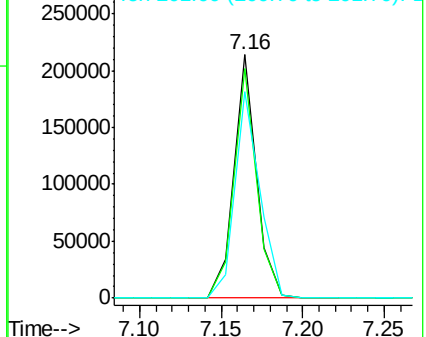
201 85.0 88.6 133.0#

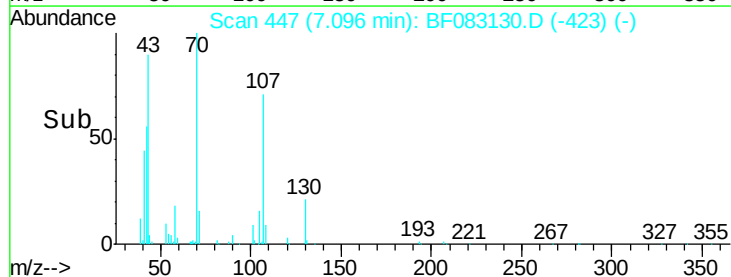
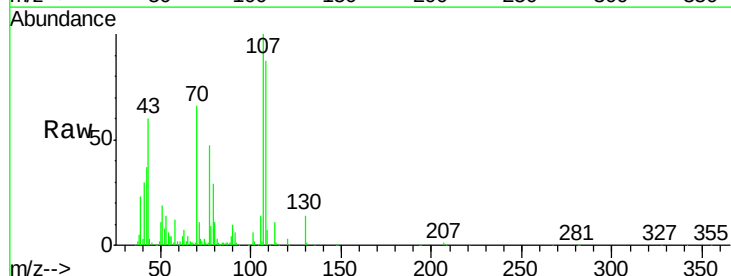
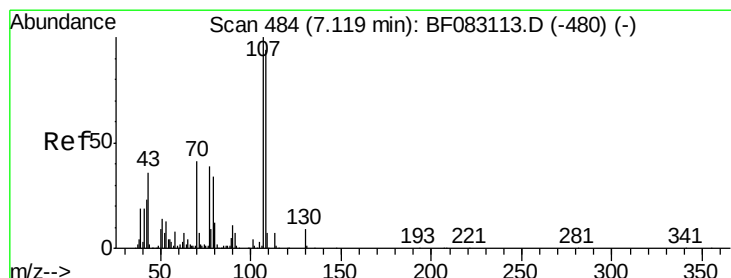
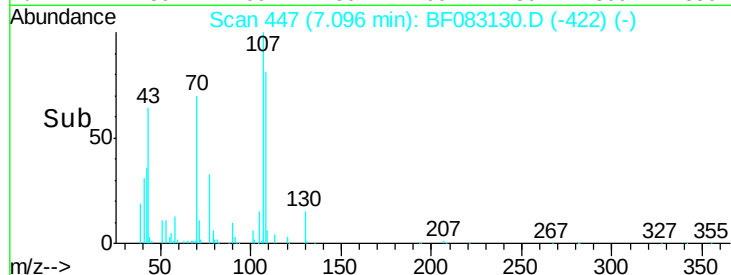
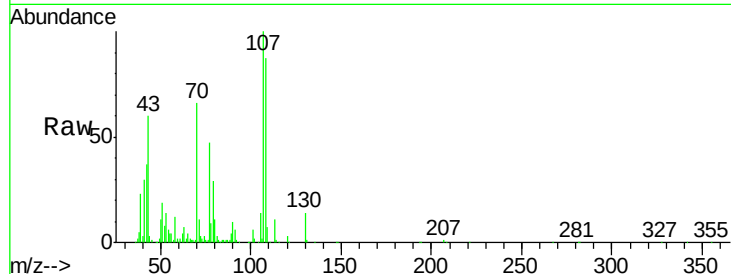
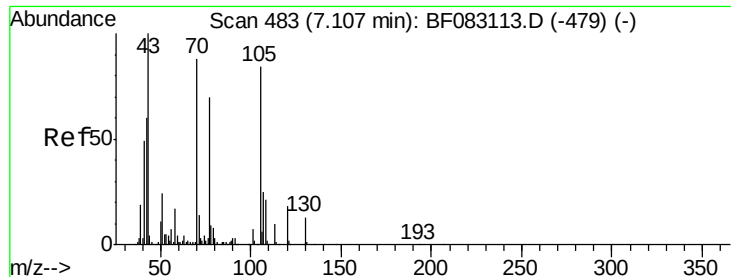


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





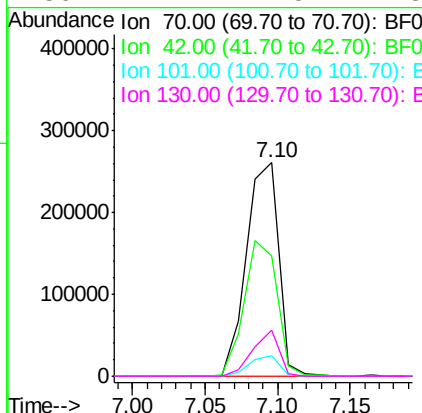
#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.3		54.5	81.7	
101	9.6		6.6	9.8	
130	21.4		11.5	17.3	

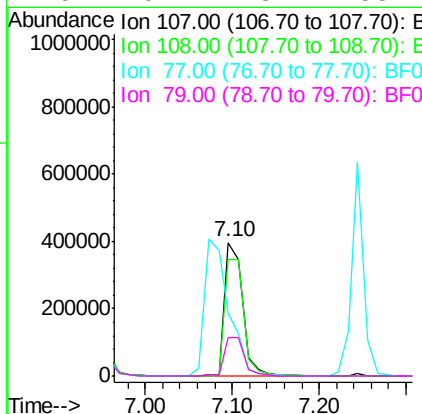
Manual Integrations
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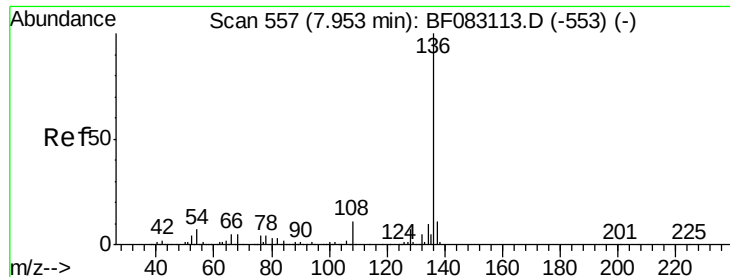
Mmdadoda
11/23/2015 7:01:31 PM



#20
3+4-Methylphenols
Concen: 40.13 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.9		73.8	113.8	
77	46.9		19.1	59.1	
79	29.1		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: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

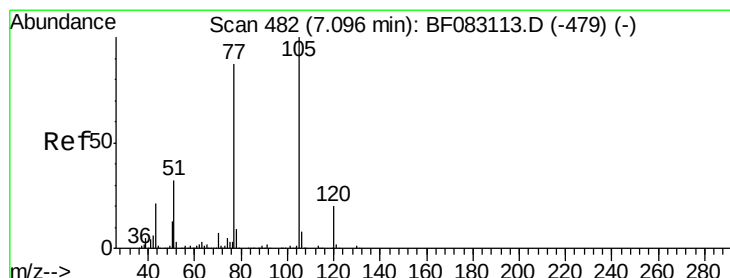
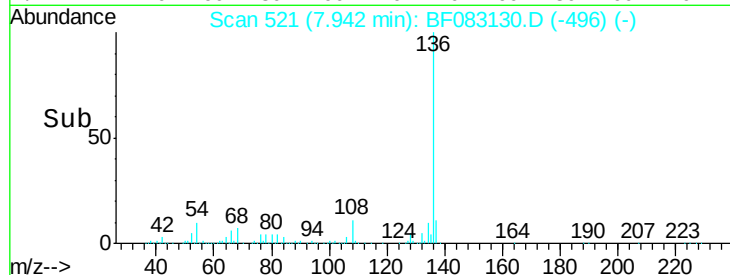
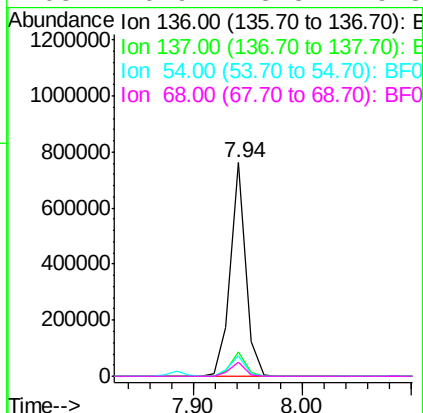
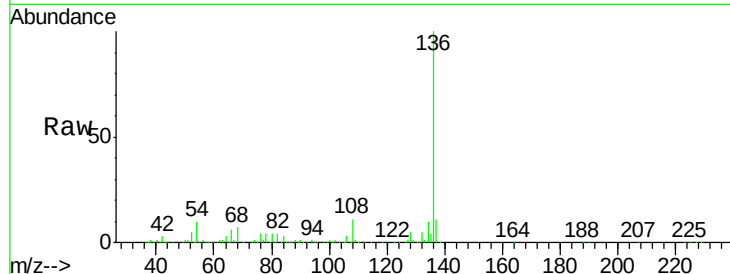
ClientSampleId :

PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	738996		
137	11.2	8.7	13.1	
54	9.8	5.8	8.6#	
68	6.9	3.8	5.8#	

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#22

Acetophenone

Concen: 34.10 ng

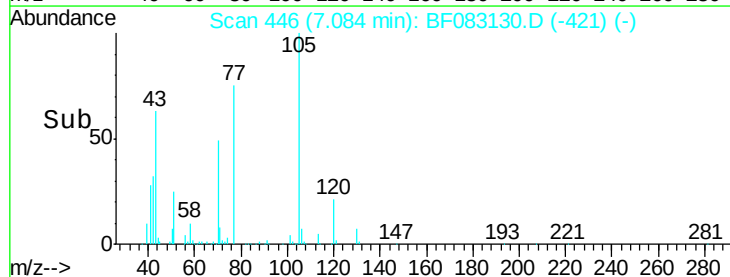
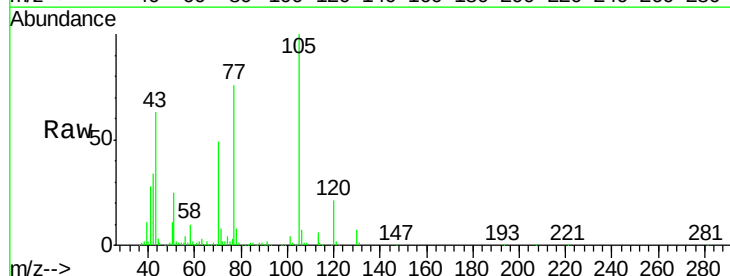
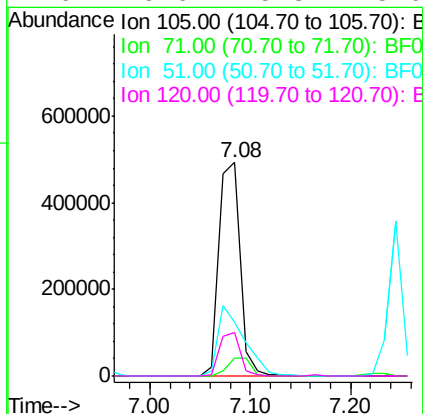
RT: 7.08 min Scan# 446

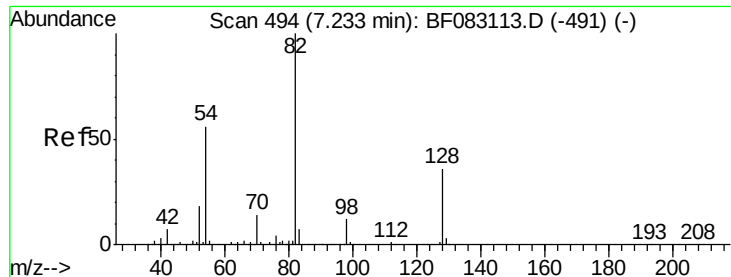
Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	723428		
71	8.5	1.0	1.4#	
51	25.1	25.6	38.4#	
120	20.6	15.8	23.6	





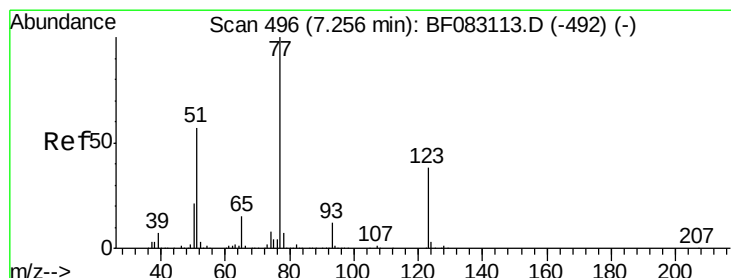
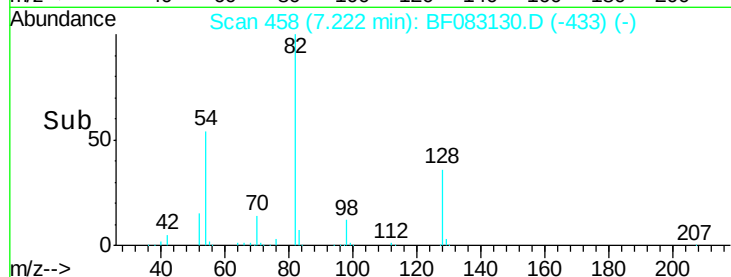
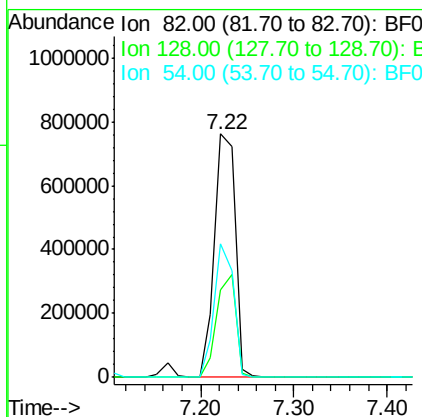
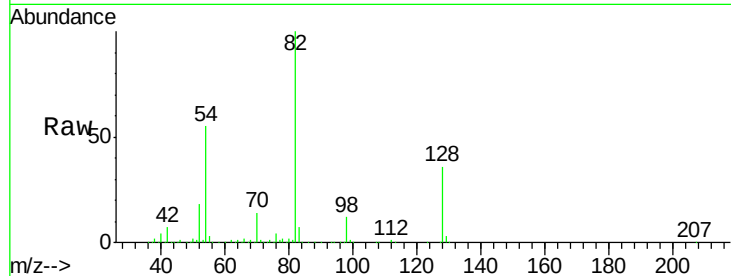
#23
 Nitrobenzene-d5
 Concen: 72.77 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	82	Resp	1176951
Ion Ratio	100	Lower	Upper
82	100		
128	36.0	28.5	42.7
54	55.0	44.6	67.0

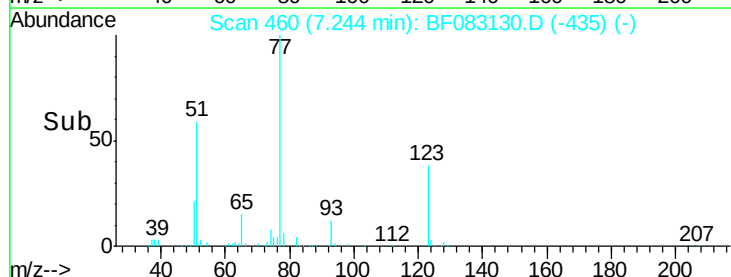
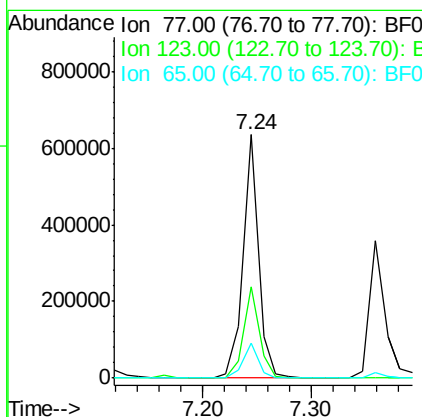
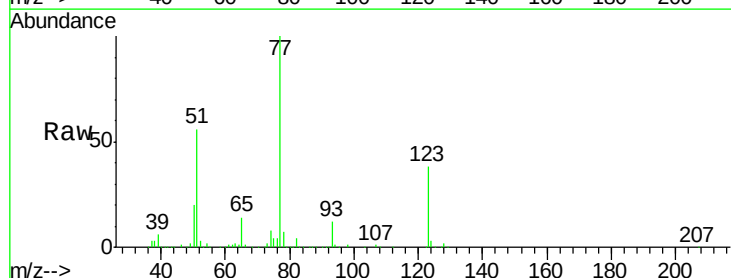
Manual Integrations
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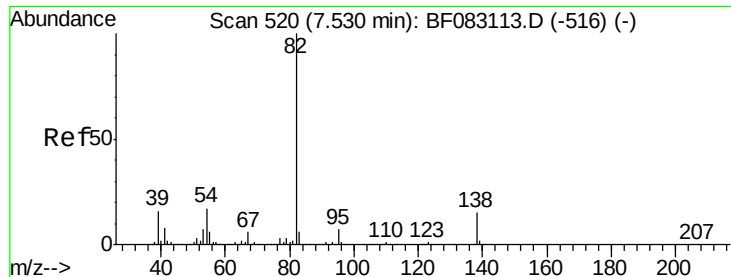
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 11/23/2015 7:01:31 PM



#24
 Nitrobenzene
 Concen: 35.62 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	77	Resp	615505
Ion Ratio	100	Lower	Upper
77	100		
123	37.6	30.1	45.1
65	14.3	11.6	17.4





#25

Isophorone

Concen: 34.89 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion: 82 Resp: 1068418

Ion Ratio Lower Upper

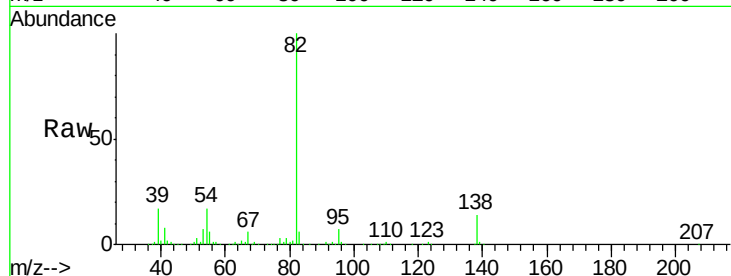
82 100

95 6.7 5.8 8.8

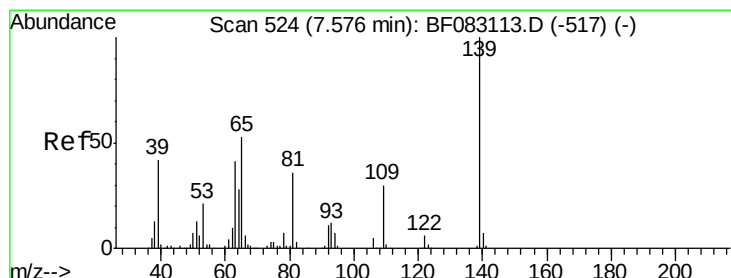
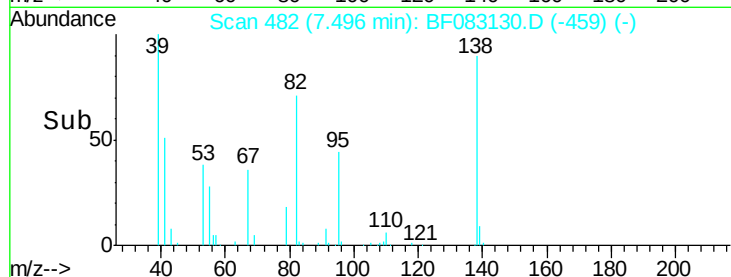
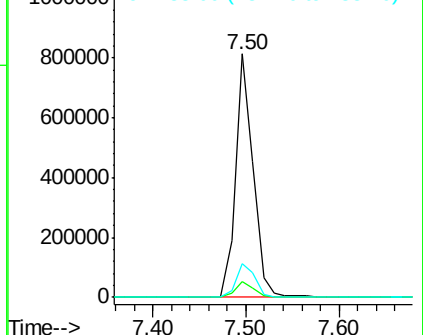
138 13.9 11.6 17.4

Manual Integrations
APPROVED

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.82 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

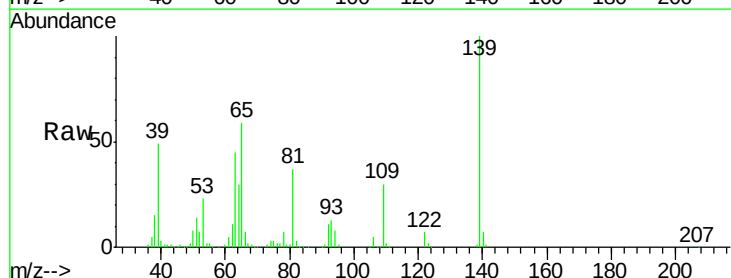
Tgt Ion: 139 Resp: 273251

Ion Ratio Lower Upper

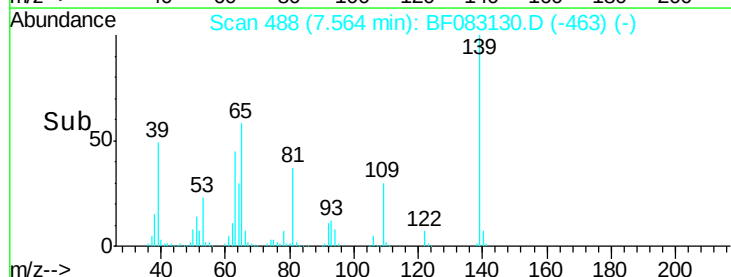
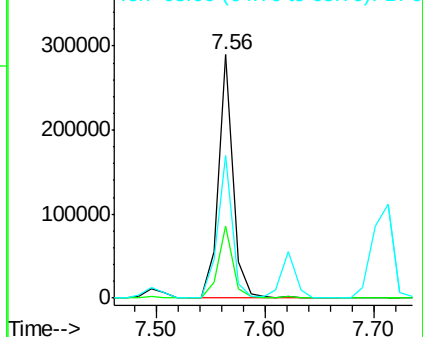
139 100

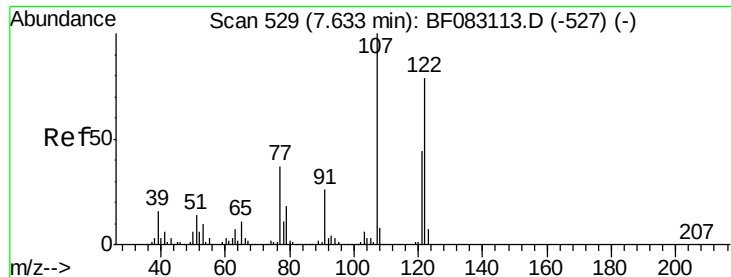
109 29.8 23.9 35.9

65 58.6 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





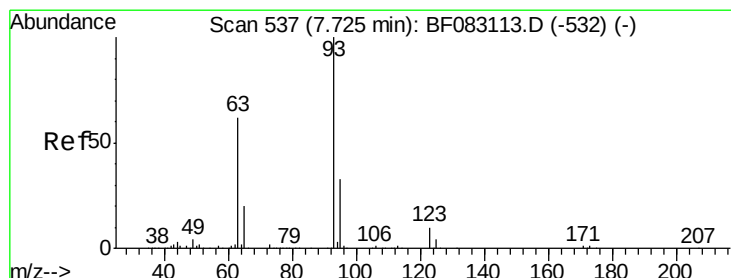
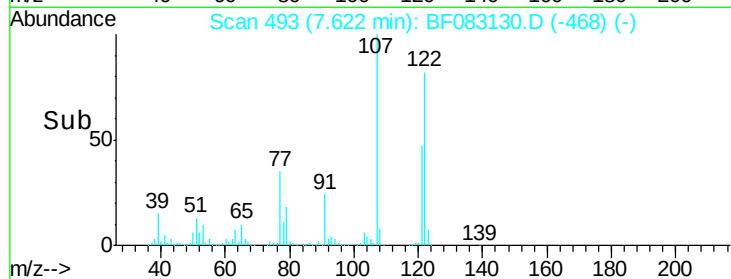
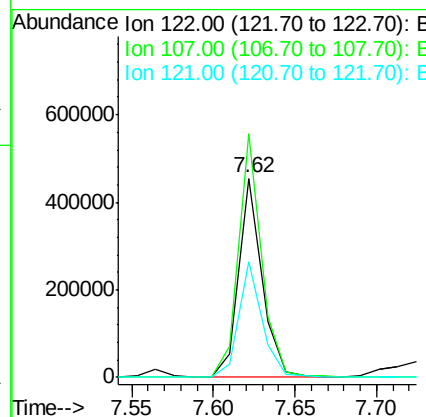
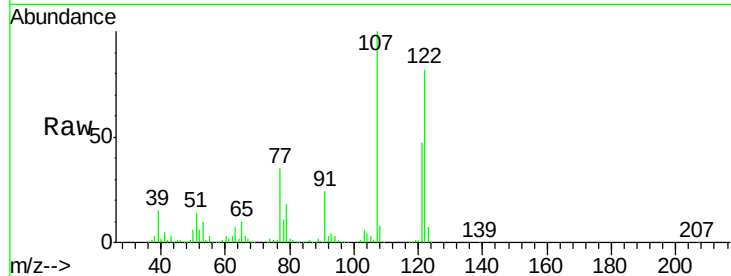
#27
 2,4-Dimethylphenol
 Concen: 36.93 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	449612		
107	122.1	101.1	151.7	
121	57.9	44.9	67.3	

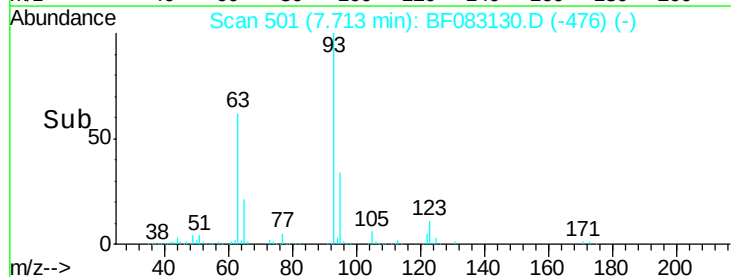
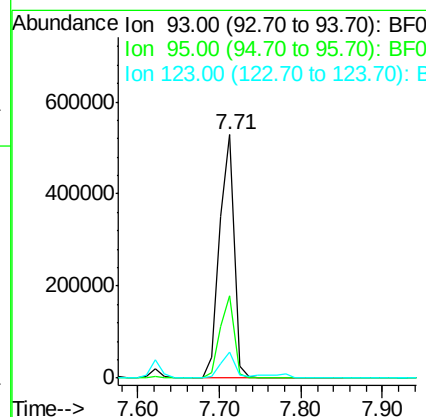
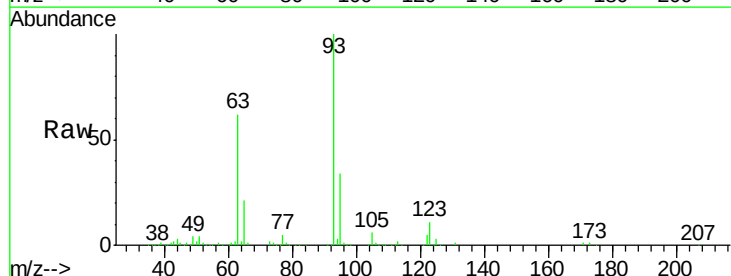
Manual Integrations
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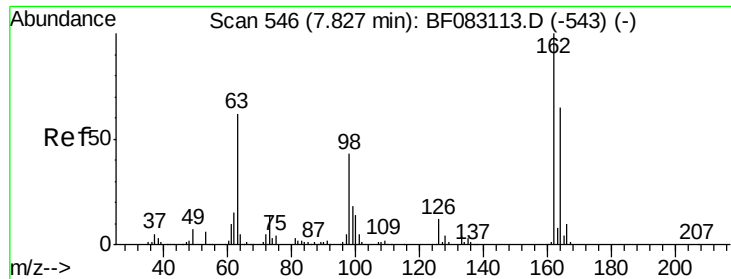
Mmdadoda
 11/23/2015 7:01:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.02 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	659077		
95	33.9	26.5	39.7	
123	10.7	8.1	12.1	





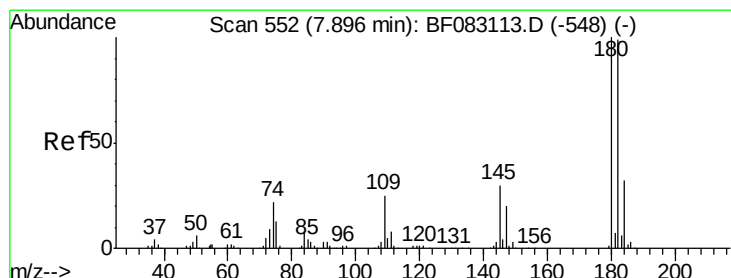
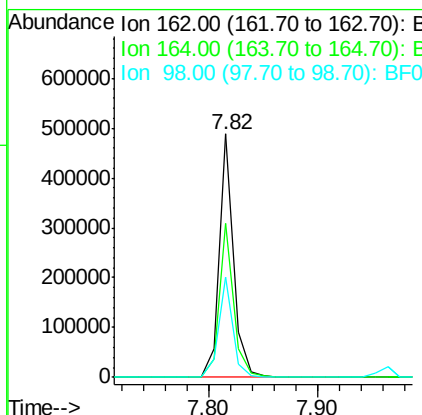
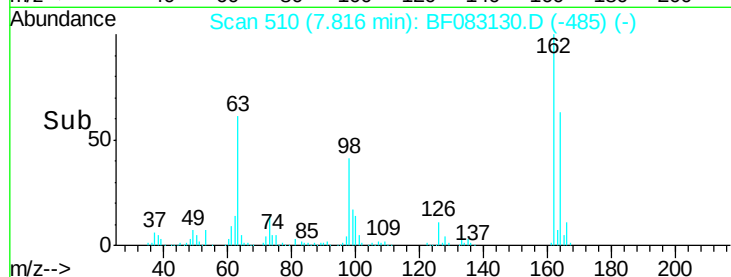
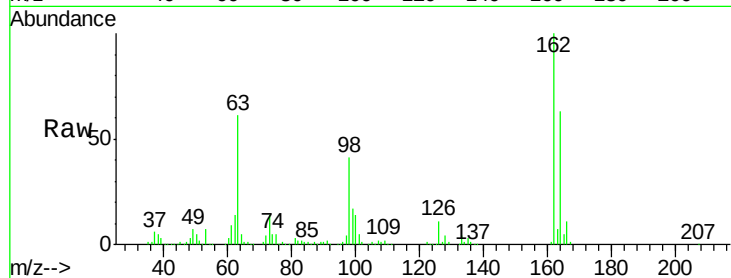
#29
2,4-Dichlorophenol
Concen: 38.82 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449581		
164	63.0	44.8	84.8	
98	41.2	23.1	63.1	

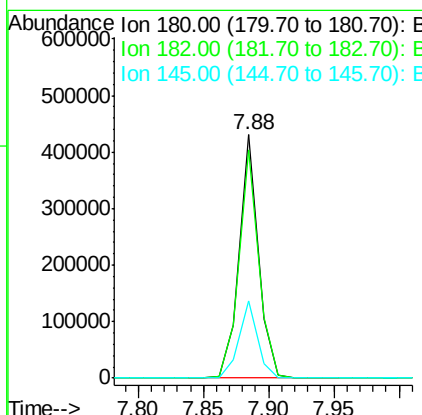
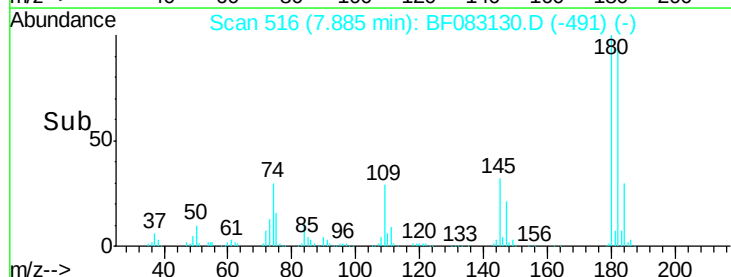
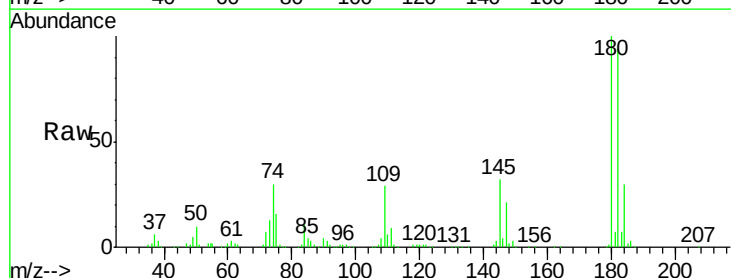
Manual Integrations
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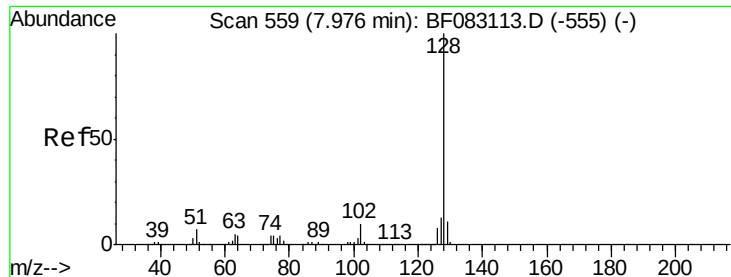
Mmdadoda
11/23/2015 7:01:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.48 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	438579		
182	93.9	79.0	118.6	
145	32.0	24.2	36.2	





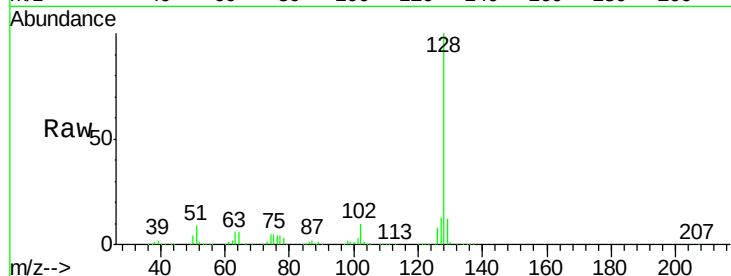
#31
Naphthalene
Concen: 36.05 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.5	10.6	15.8

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:31 PM

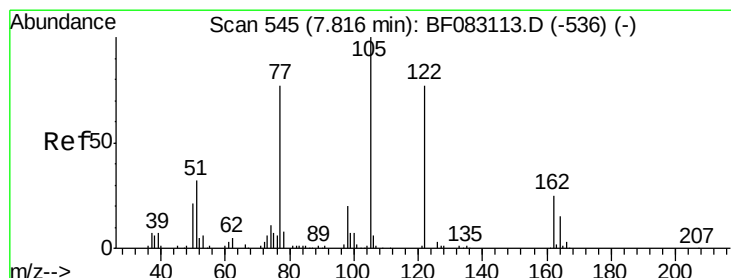
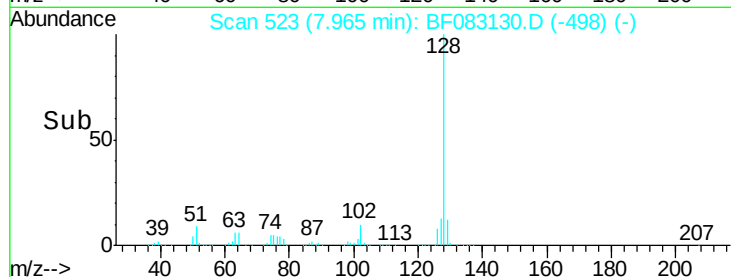
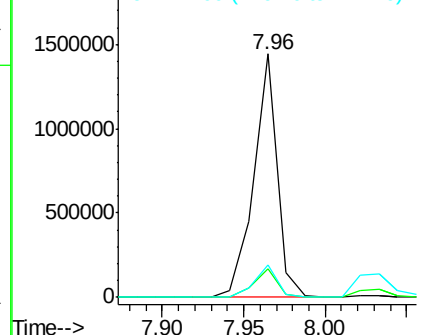


Abundance

Ion 128.00 (127.70 to 128.70): E

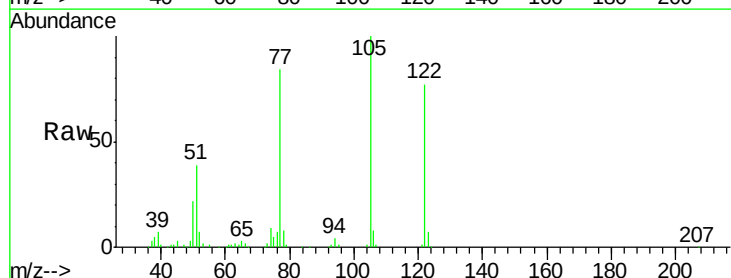
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.78 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	109.7	149.7
77	109.9	79.7	119.7

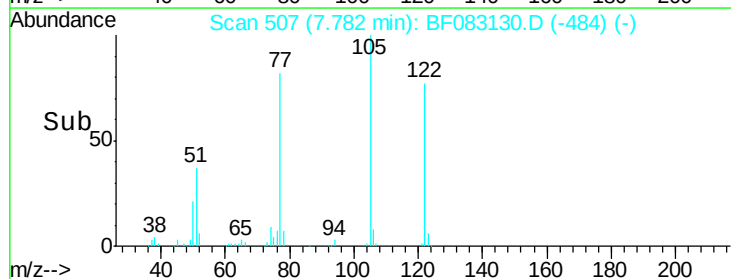
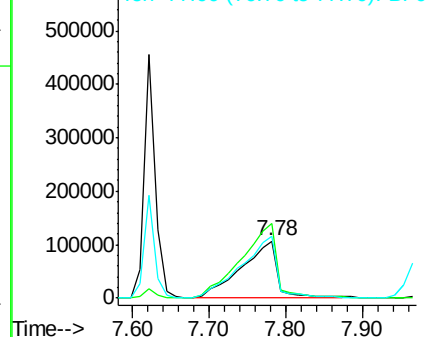


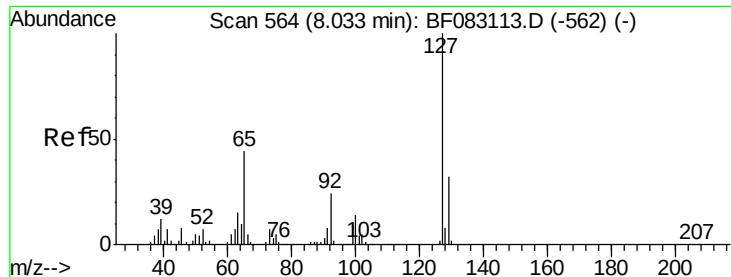
Abundance

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





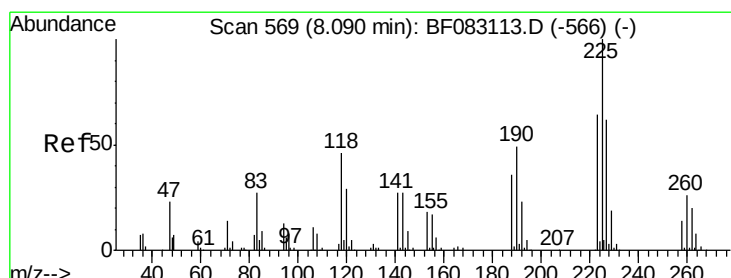
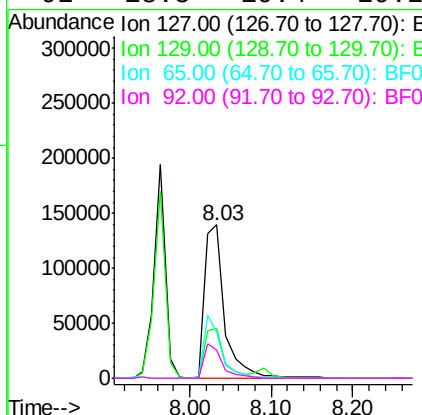
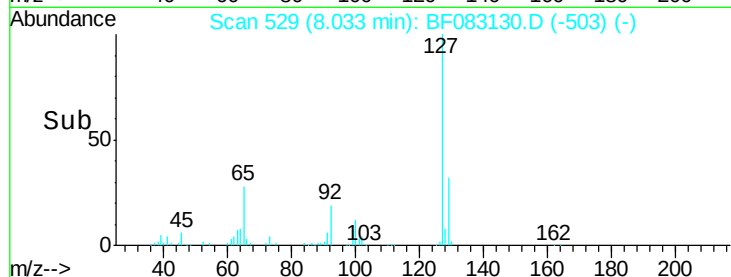
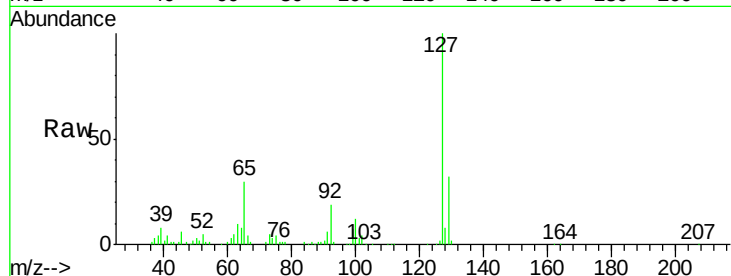
#33
4-Chloroaniline
Concen: 15.50 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	29.8	35.5	53.3#		
92	18.5	19.4	29.2#		

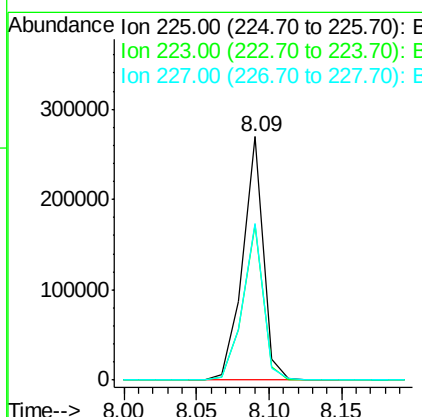
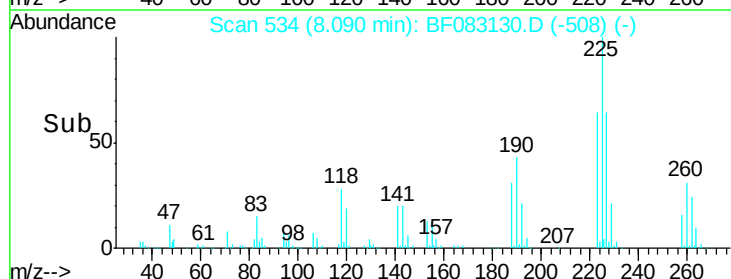
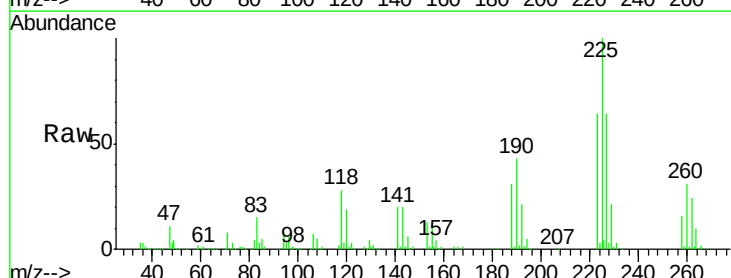
Manual Integrations
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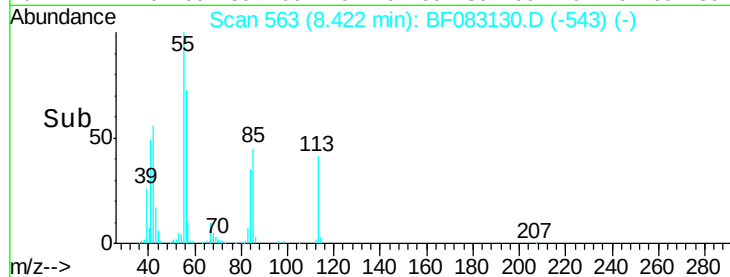
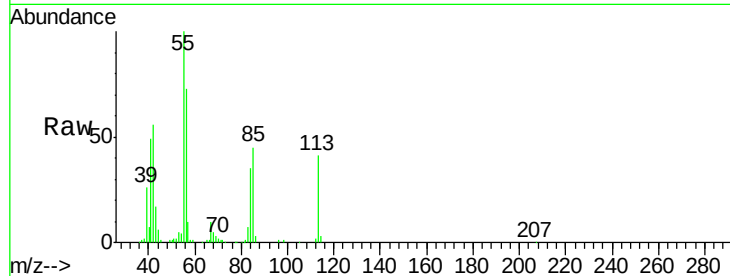
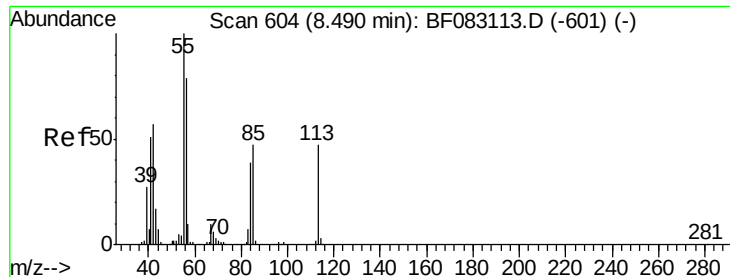
Mmdadoda
11/23/2015 7:01:31 PM



#34
Hexachlorobutadiene
Concen: 35.38 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.3	76.9		
227	64.1	49.8	74.8		





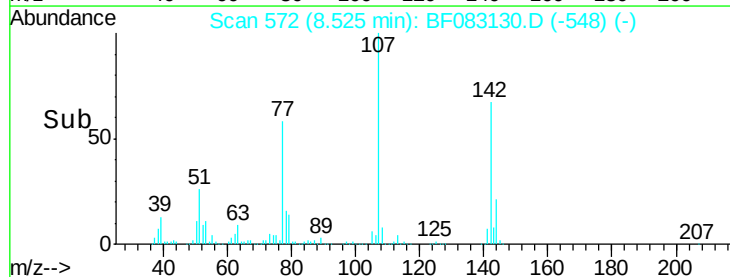
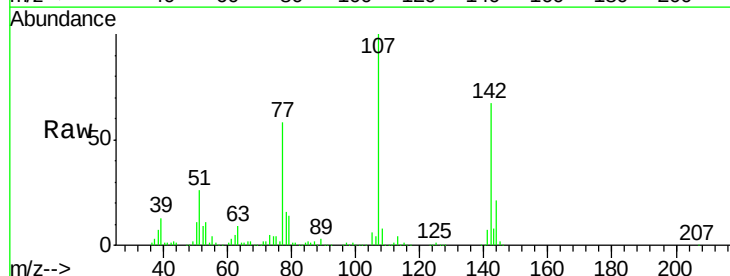
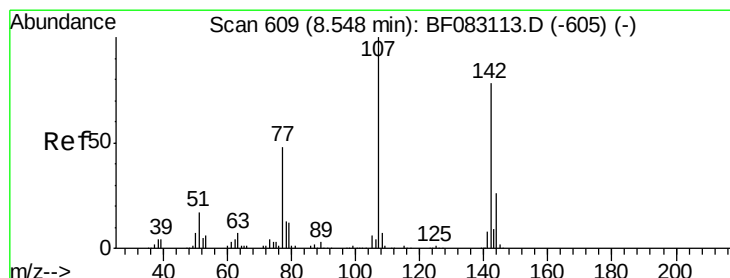
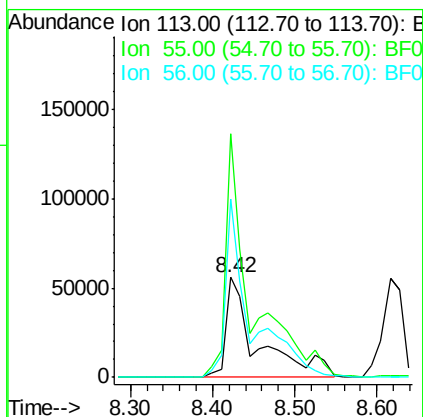
#35
 Caprolactam
 Concen: 40.52 ng/ml
 RT: 8.42 min Scan# 563
 Delta R.T. -0.07 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tot Ion	Ratio	Lower	Upper
113	100		
55	243.2	192.6	232.6#
56	178.4	148.6	188.6

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

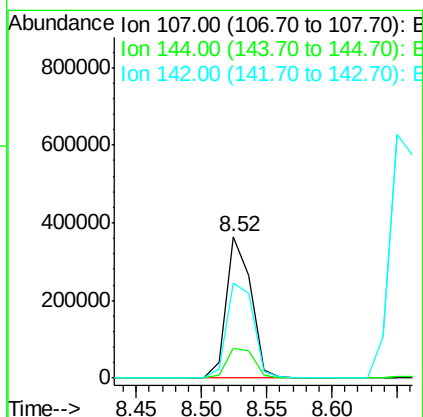
Manual Integrations
 APPROVED

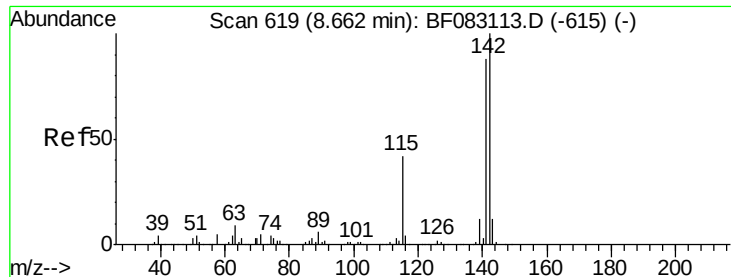
Mmdadoda
 11/23/2015 7:01:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.97 ng/ml
 RT: 8.52 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	20.8	31.2
142	67.5	62.1	93.1





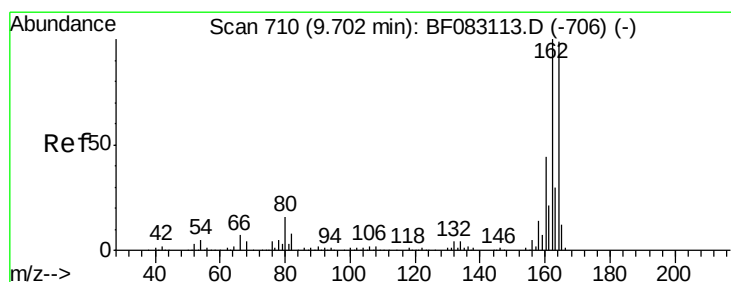
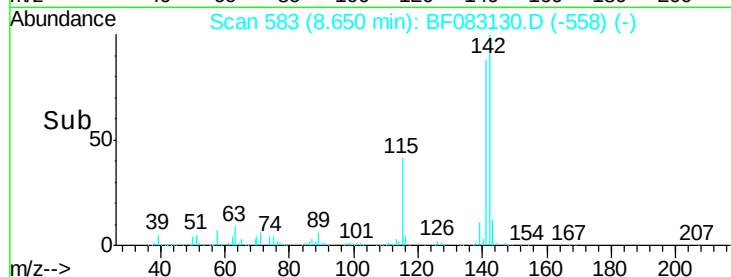
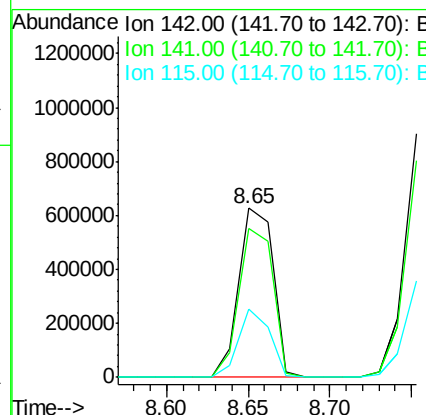
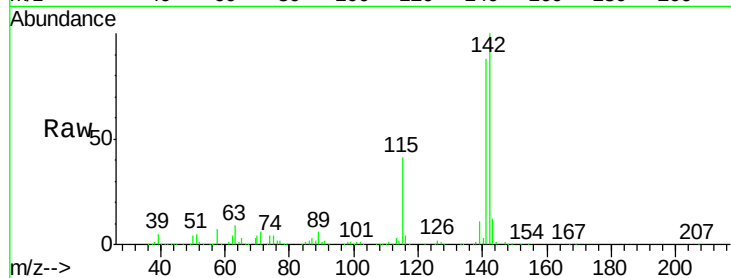
#37
2-Methylnaphthalene
Concen: 35.35 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	40.5	33.4	50.2

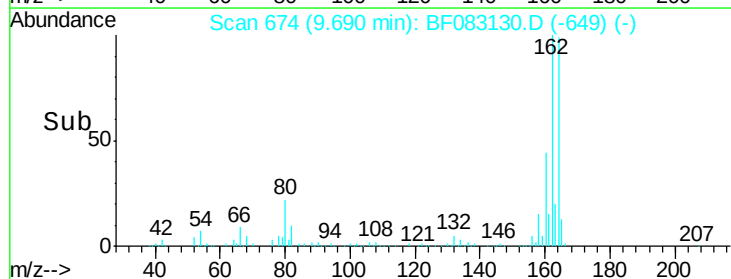
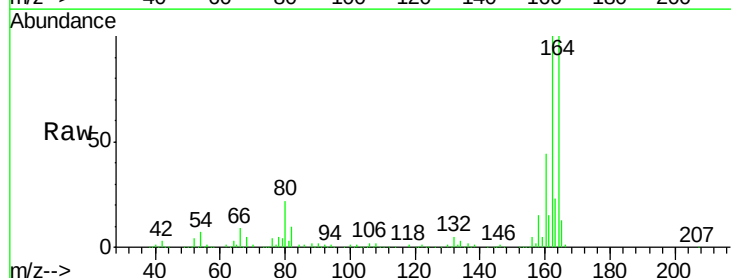
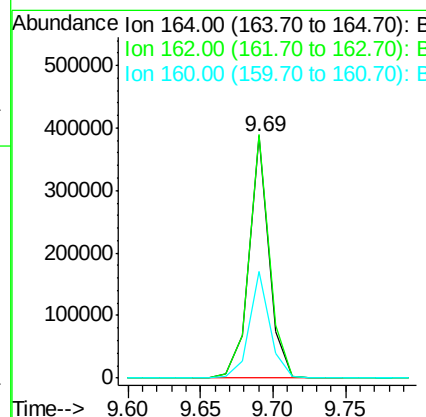
Manual Integrations
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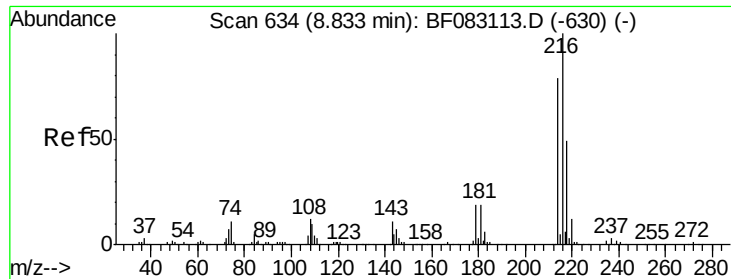
Mmdadoda
11/23/2015 7:01:31 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	43.9	35.6	53.4





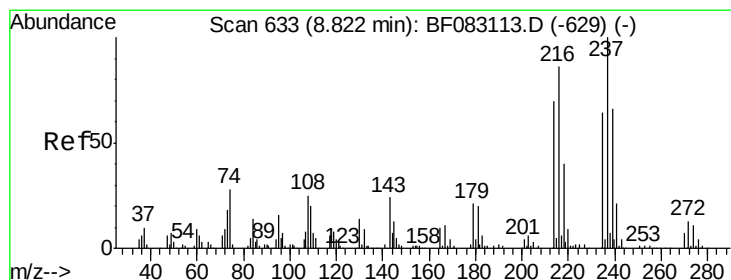
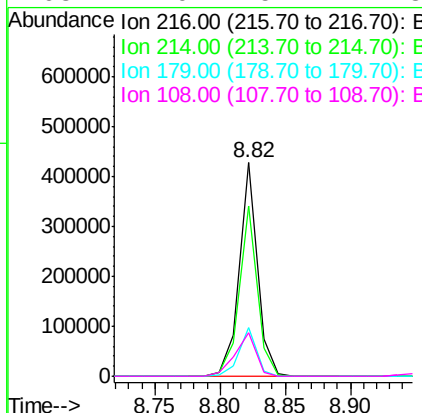
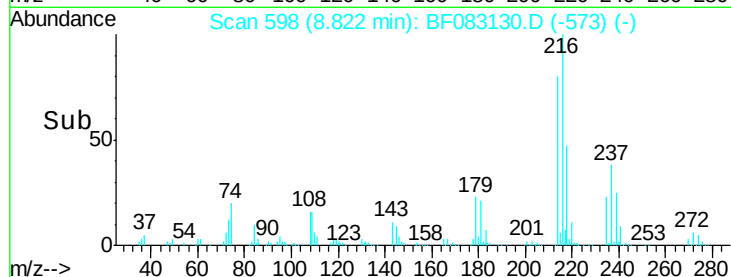
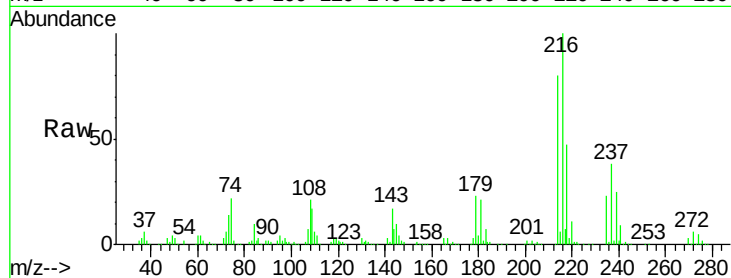
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.35 ng
 RT: 8.82 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Manual Integrations
 APPROVED

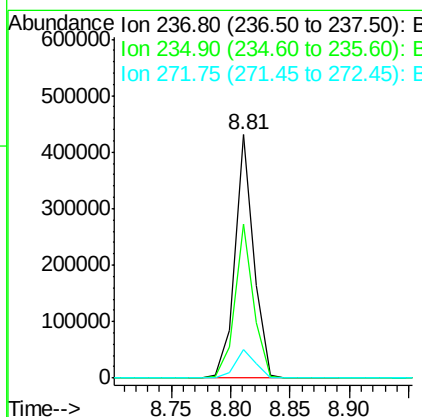
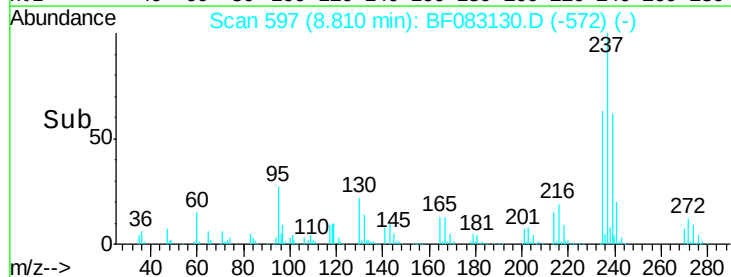
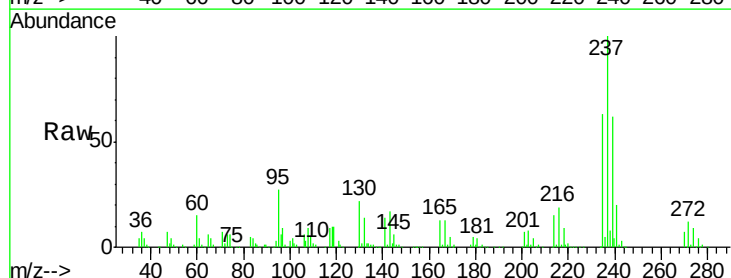
Mmdadoda
 11/23/2015 7:01:31 PM

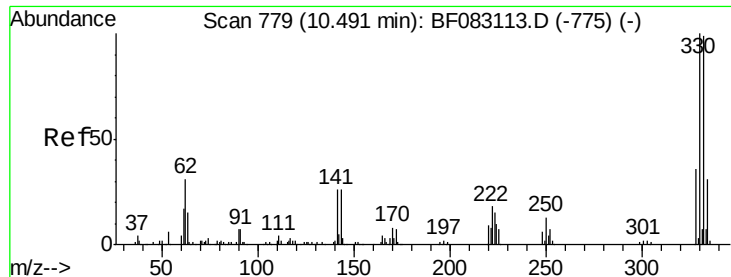
Tot Ion	Ratio	Resp	Lower	Upper
216	100	411138		
214	79.4	63.8	95.8	
179	22.3	17.0	25.6	
108	24.0	15.2	22.8	



#40
 Hexachlorocyclopentadiene
 Concen: 69.73 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	474535		
235	63.0	43.5	83.5	
272	11.6	0.0	33.1	





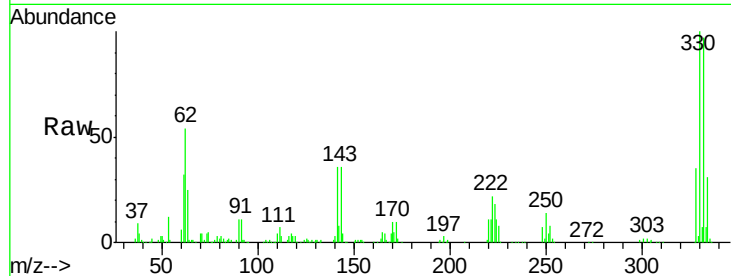
#41
 2,4,6-Tribromophenol
 Concen: 75.28 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	284379		
332	98.1		77.7	116.5
141	39.9		29.7	44.5

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:31 PM

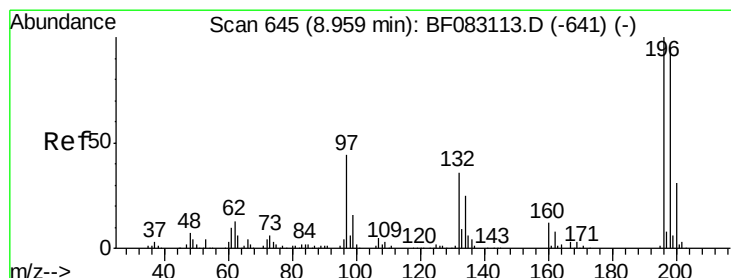
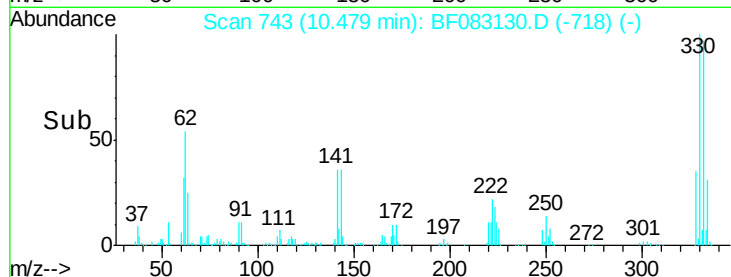
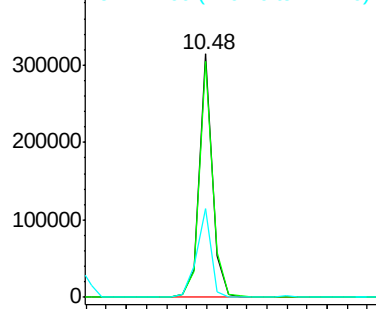


Abundance

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: 36.63 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

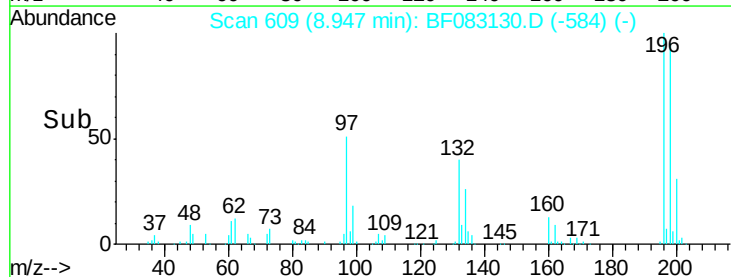
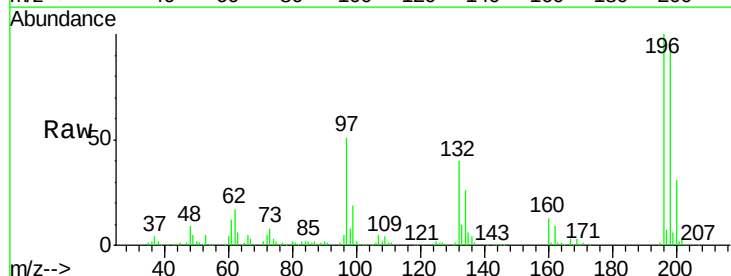
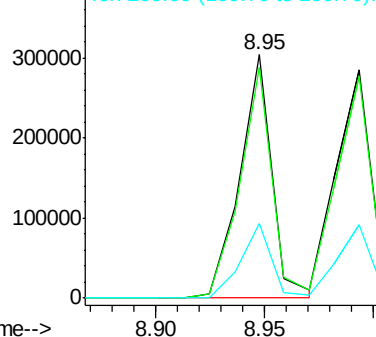
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313990		
198	94.7		75.9	113.9
200	30.9		24.5	36.7

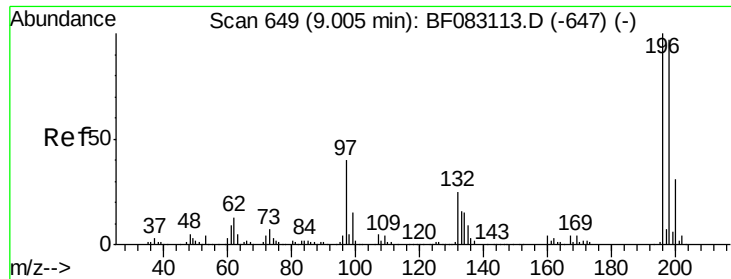
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

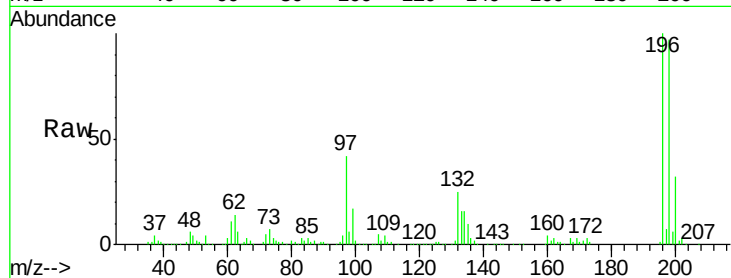
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 36.80 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

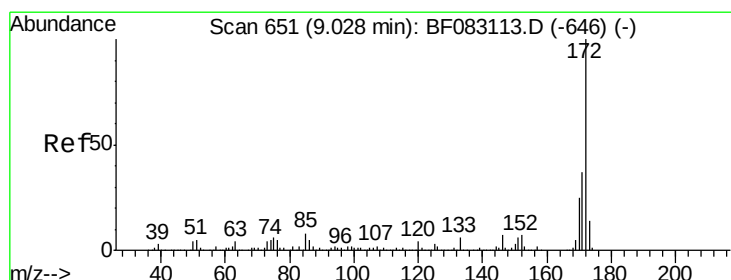
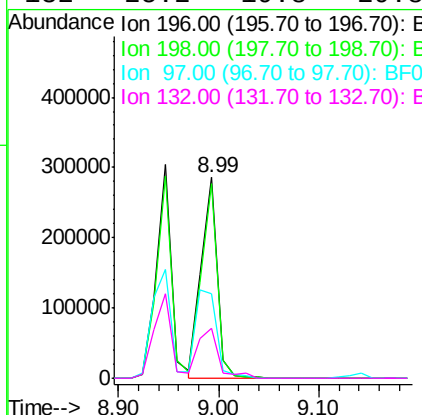
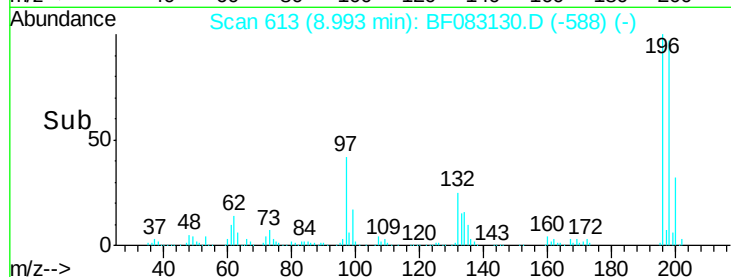
Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	322549		
198	96.9	77.6	116.4	
97	42.1	32.6	48.8	
132	25.2	19.8	29.8	

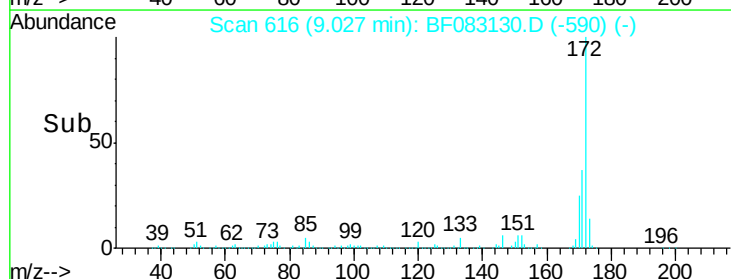
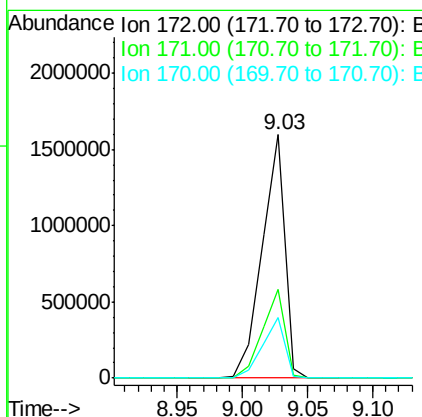
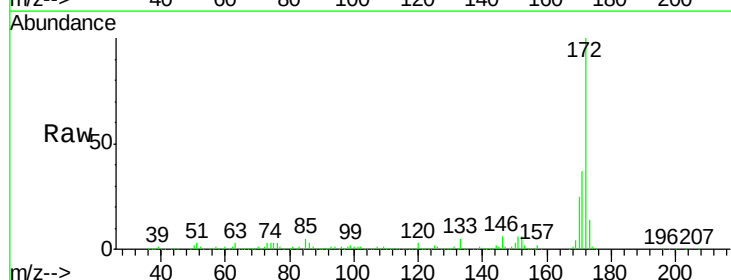
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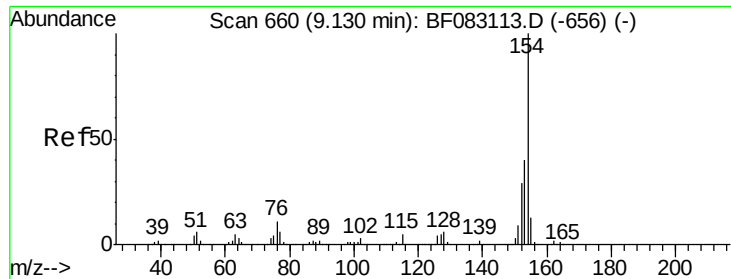
Mmdadoda
 11/23/2015 7:01:31 PM



#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1944074		
171	36.6	29.5	44.3	
170	25.0	19.9	29.9	





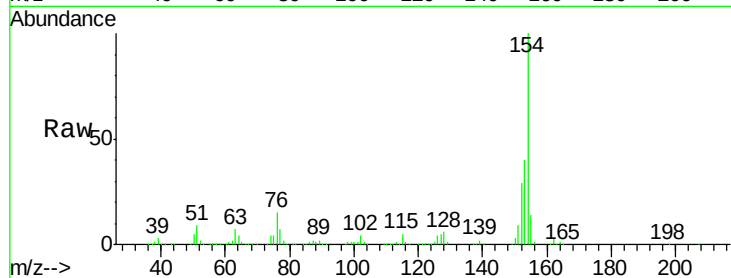
#45
 1,1'-Biphenyl
 Concen: 35.40 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

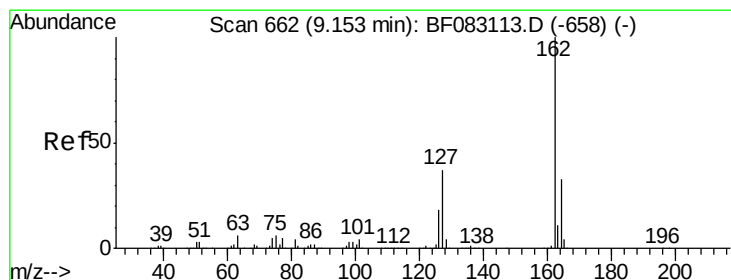
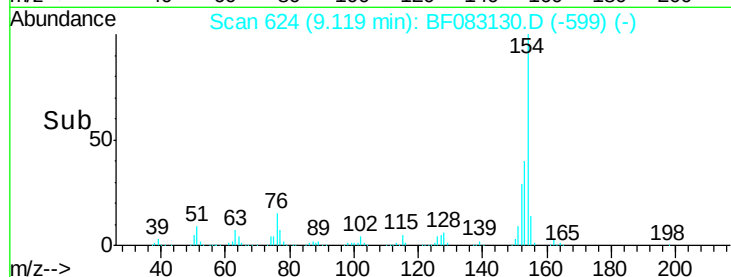
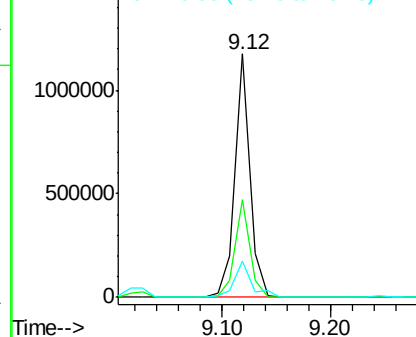
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	14.8	0.0	31.2

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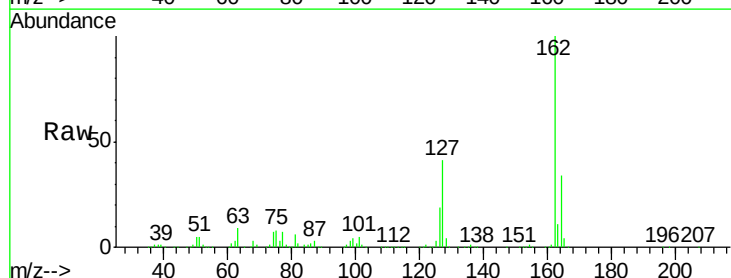


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

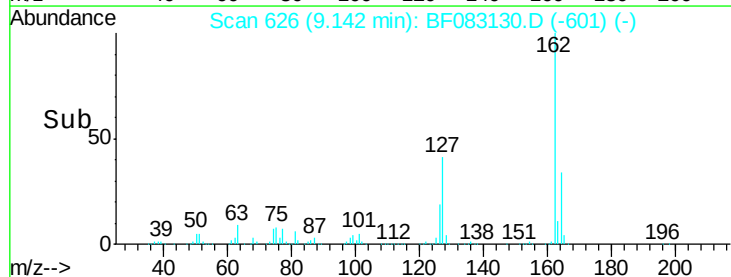
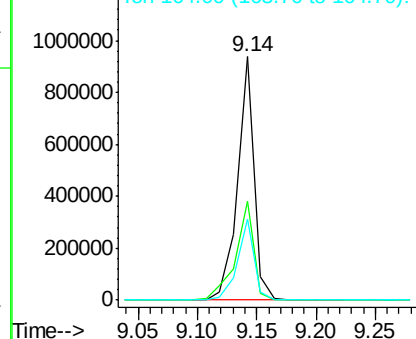


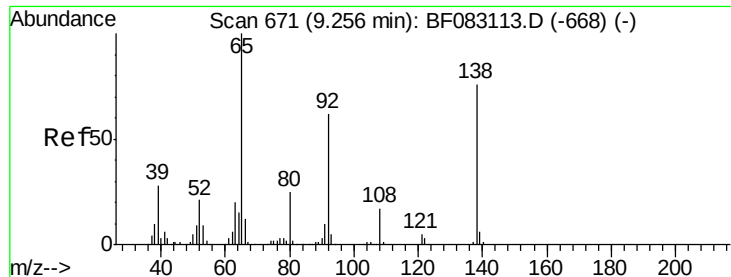
#46
 2-Chloronaphthalene
 Concen: 36.73 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	29.4	44.2
164	33.5	26.2	39.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





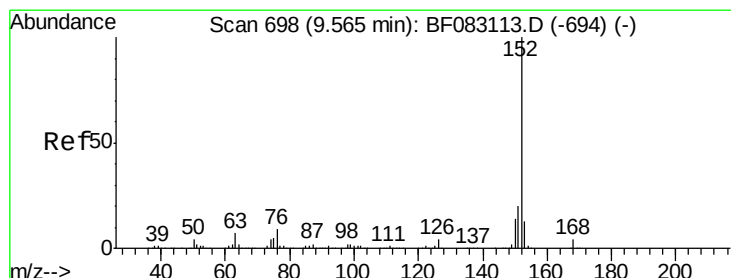
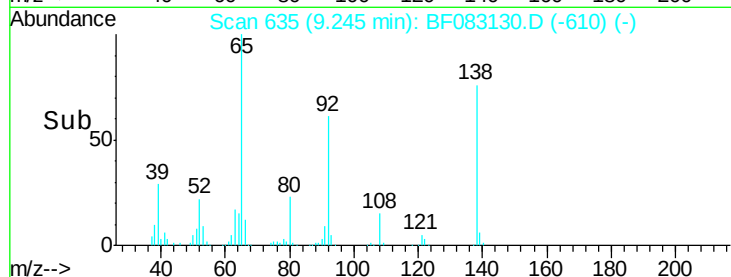
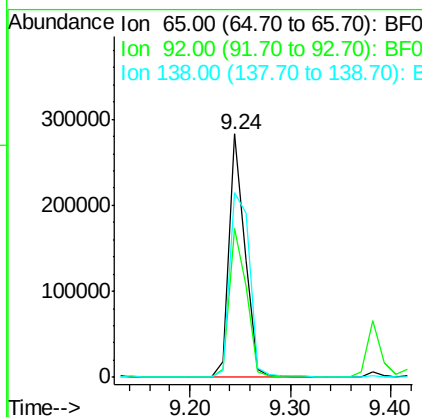
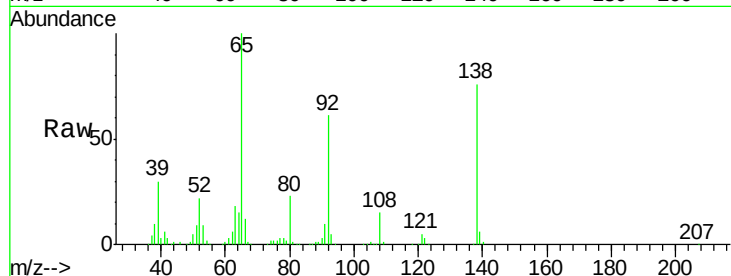
#47
2-Nitroaniline
Concen: 35.77 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	312353		
92	60.9	49.5	74.3	
138	75.7	60.7	91.1	

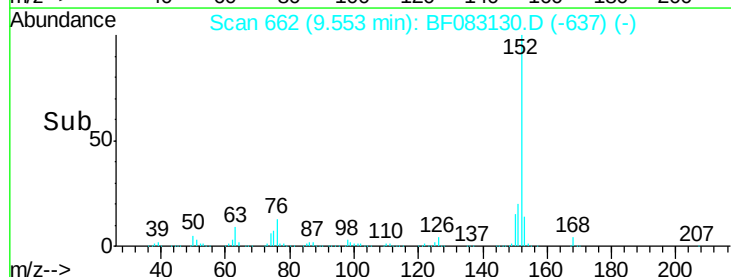
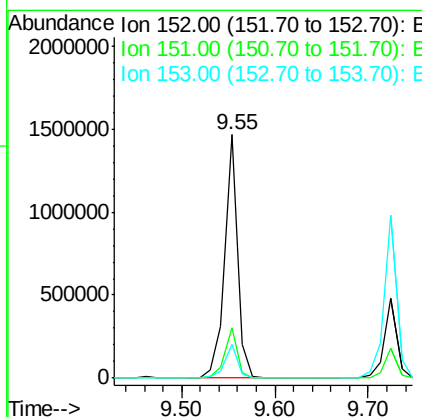
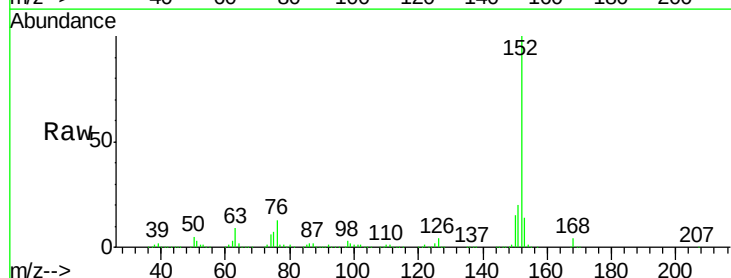
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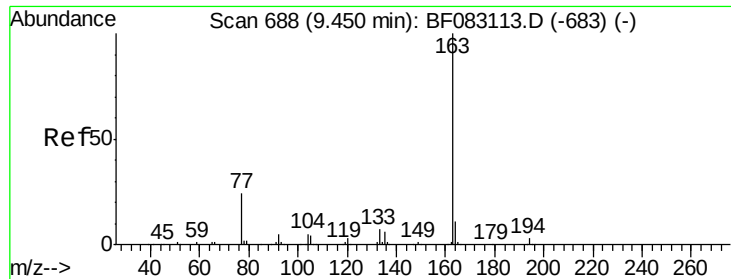
Mmdadoda
11/23/2015 7:01:31 PM



#48
Acenaphthylene
Concen: 36.76 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1406402		
151	20.5	16.3	24.5	
153	14.1	10.8	16.2	





#49

Dimethylphthalate

Concen: 39.29 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion:163 Resp: 1117032

Ion Ratio Lower Upper

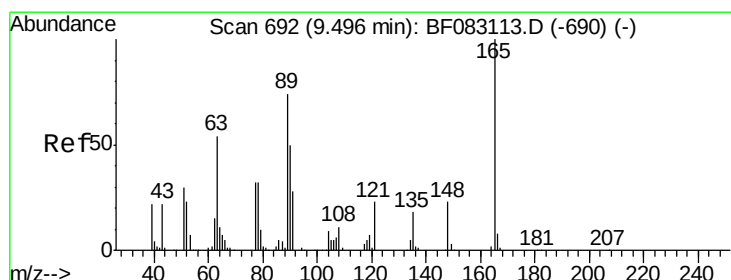
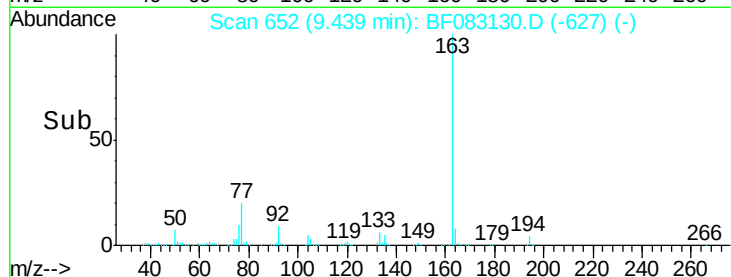
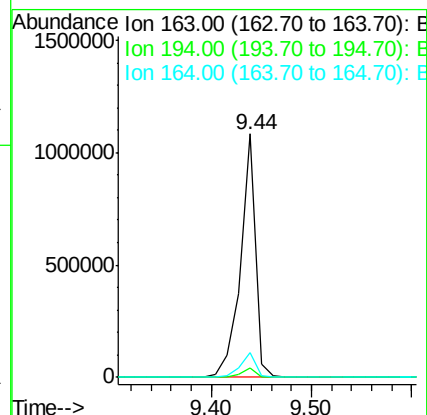
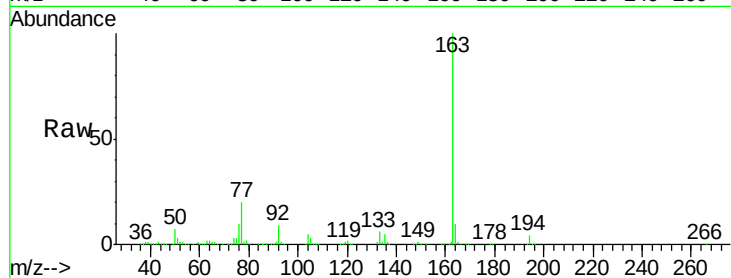
163 100

194 3.7 2.6 4.0

164 10.3 8.6 12.8

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11/23/2015 7:01:31 PM



#50

2,6-Dinitrotoluene

Concen: 35.83 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

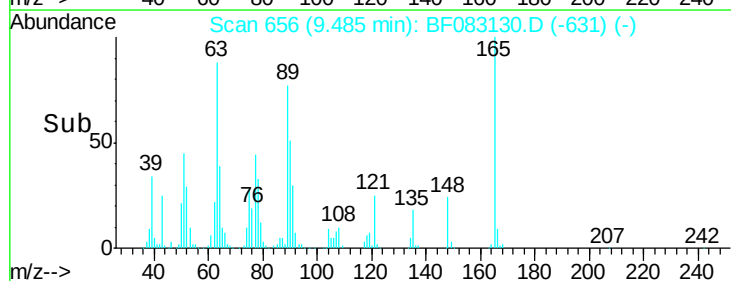
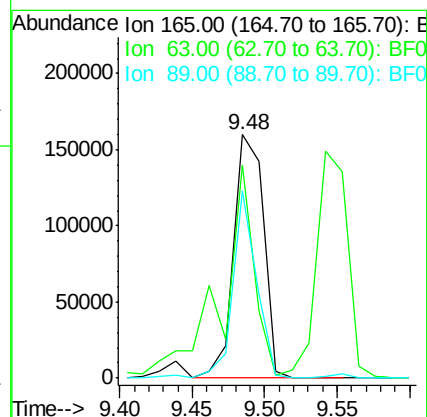
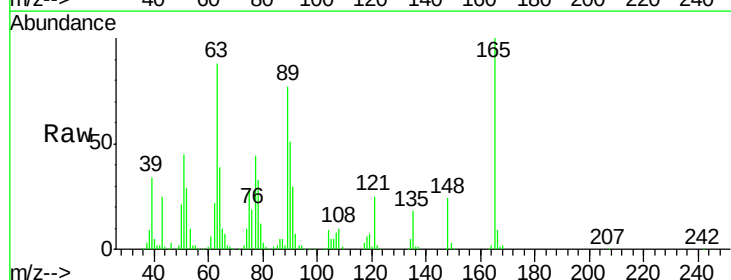
Tgt Ion:165 Resp: 228551

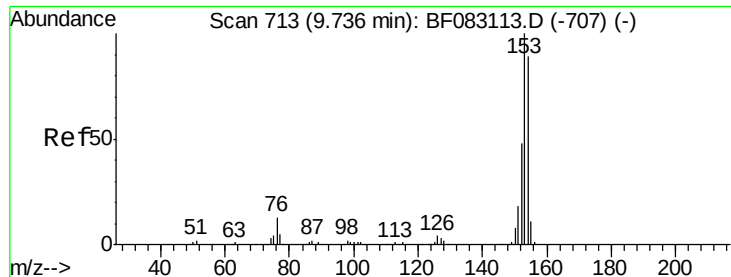
Ion Ratio Lower Upper

165 100

63 87.5 62.5 93.7

89 76.9 59.1 88.7





#51

Acenaphthene

Concen: 35.90 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

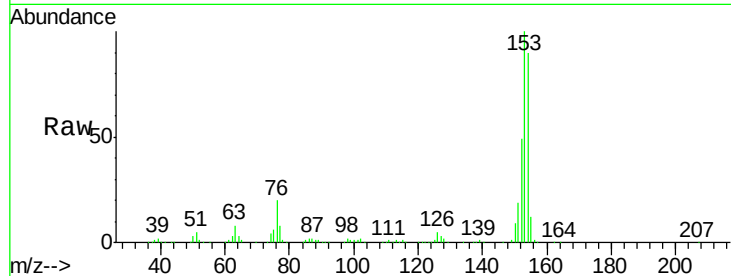
ClientSampleId :

PB86781BSD

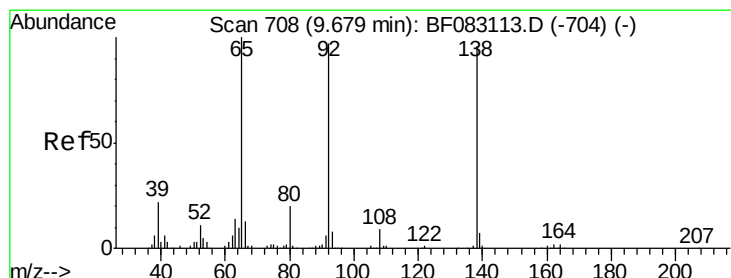
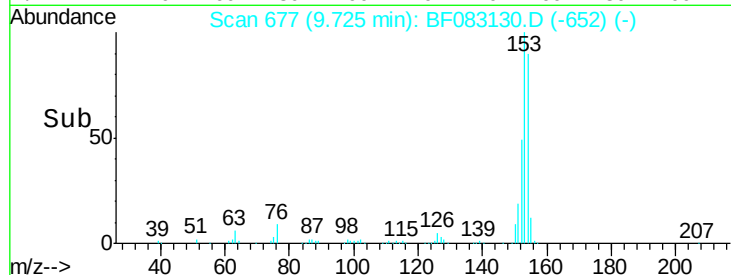
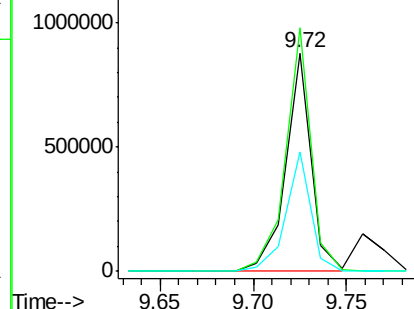
Tot Ion:	154	Resp:	835941
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.6	134.4
152	55.0	43.3	64.9

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11/23/2015 7:01:31 PM



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



#52

3-Nitroaniline

Concen: 19.57 ng

RT: 9.66 min Scan# 671

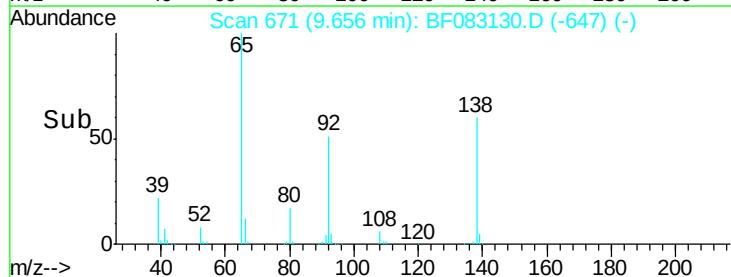
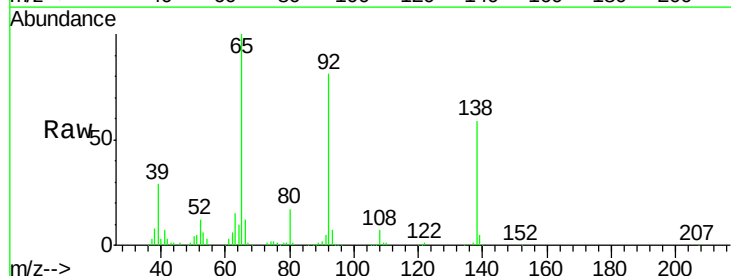
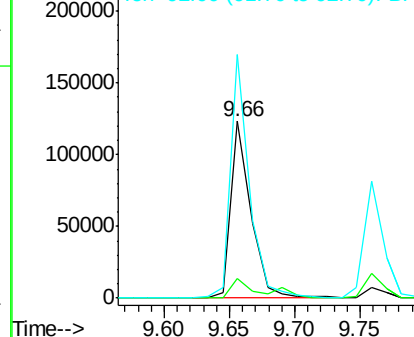
Delta R.T. -0.02 min

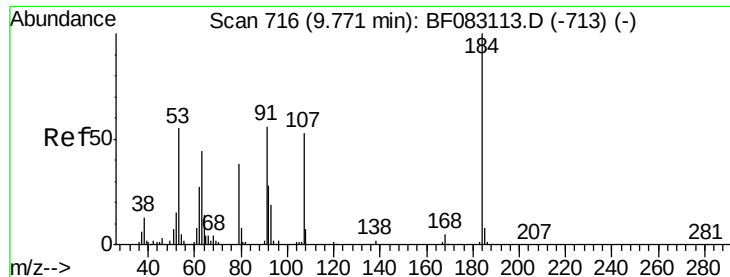
Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	138	Resp:	133068
Ion Ratio	Lower	Upper	
138	100		
108	11.4	7.8	11.6
92	138.0	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





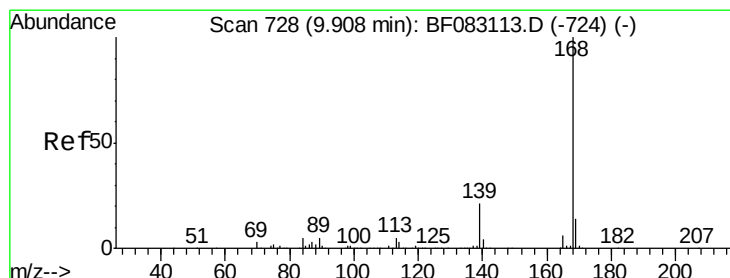
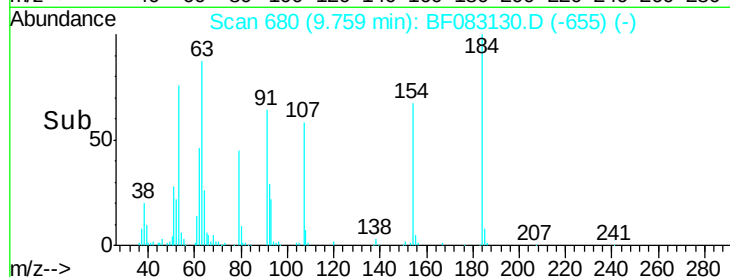
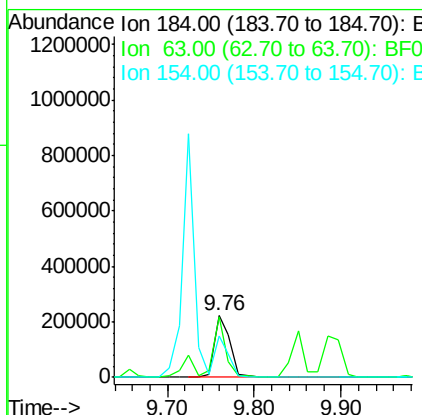
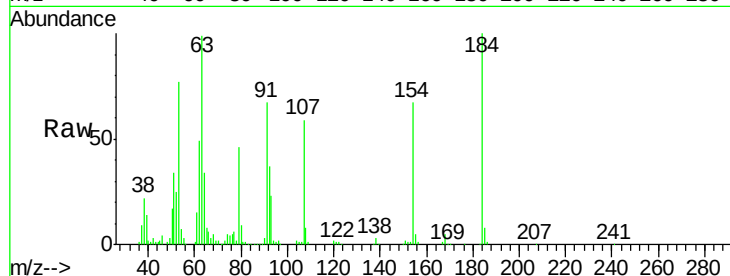
#53
2,4-Dinitrophenol
Concen: 78.45 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	288305		
63	98.8	60.5	90.7#	
154	67.0	54.3	81.5	

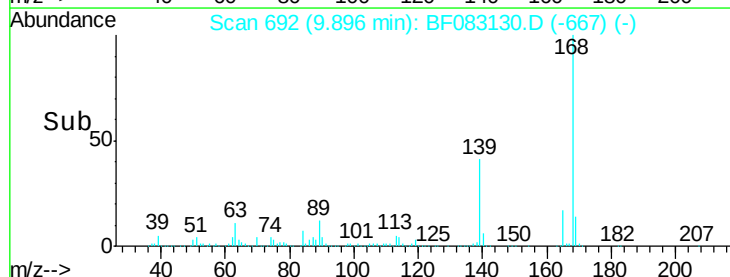
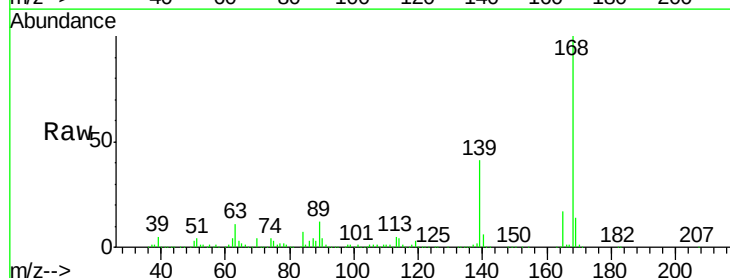
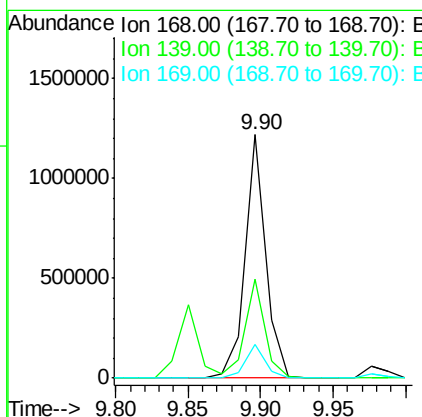
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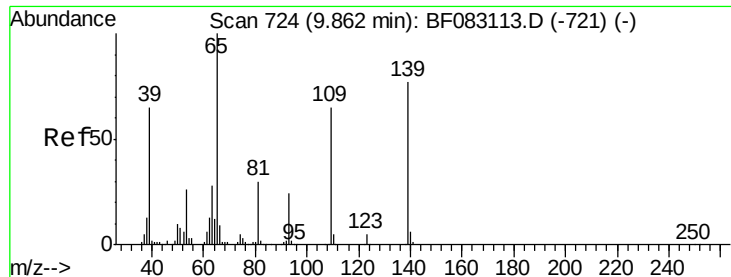
Mmdadoda
11/23/2015 7:01:31 PM



#54
Dibenzofuran
Concen: 36.52 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1202395		
139	40.6	30.2	45.2	
169	13.8	10.9	16.3	





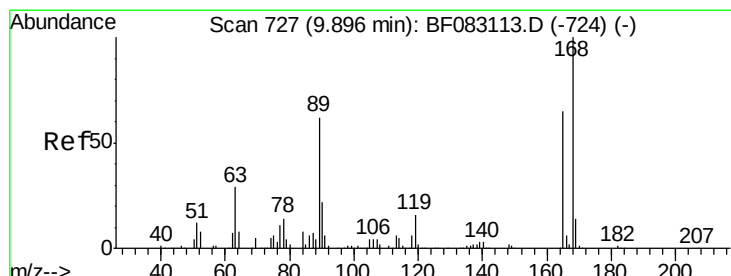
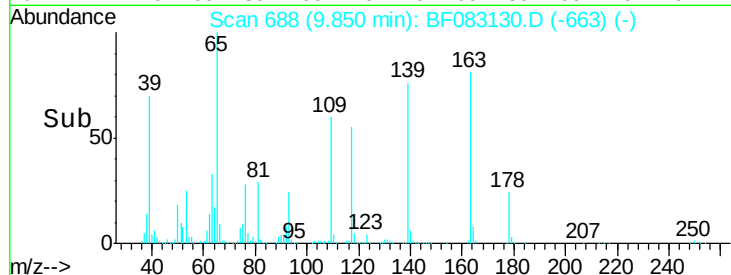
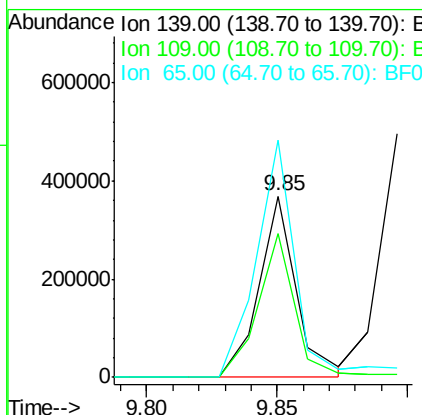
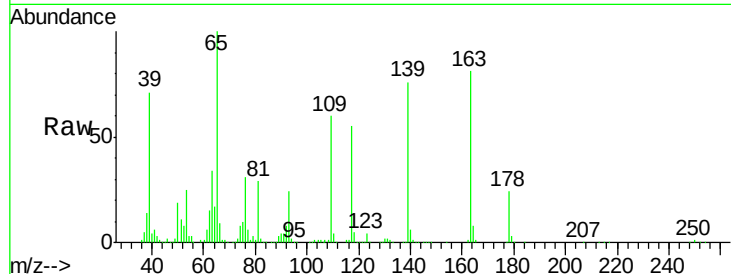
#55
4-Nitrophenol
Concen: 70.96 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.3	64.0	104.0	
65	131.4	109.5	149.5	

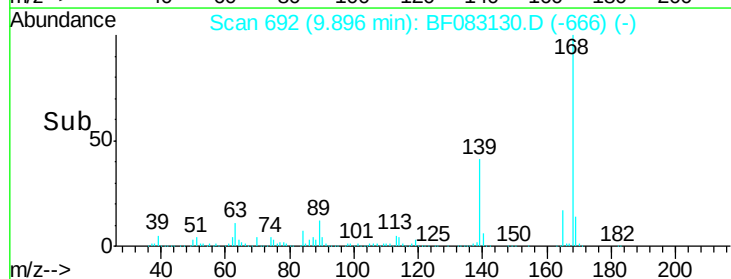
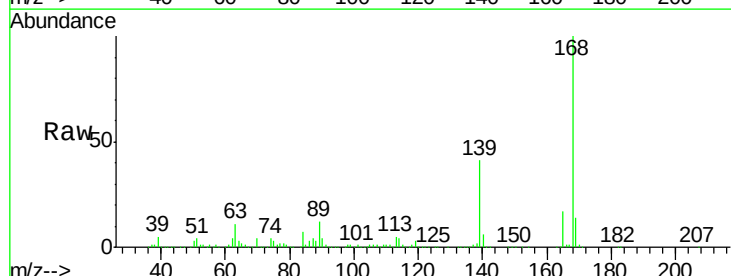
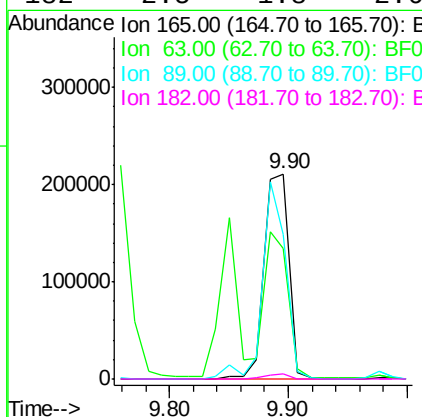
Manual Integrations
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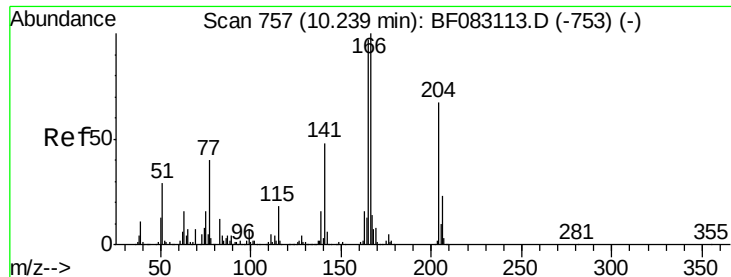
Mmdadoda
11/23/2015 7:01:31 PM



#56
2,4-Dinitrotoluene
Concen: 38.14 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.9	54.5	81.7	
89	70.3	77.3	115.9#	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 36.98 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

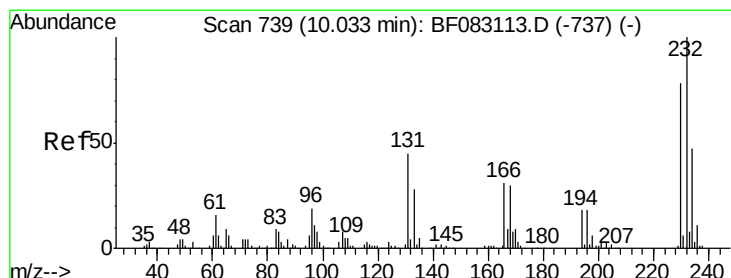
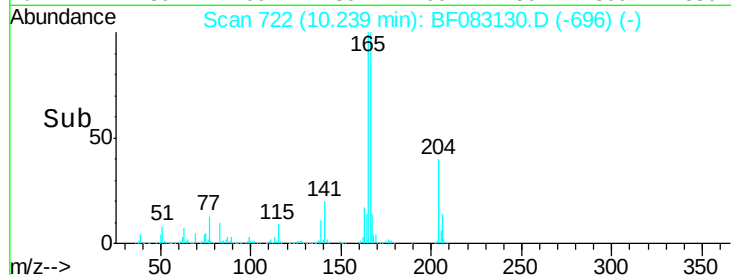
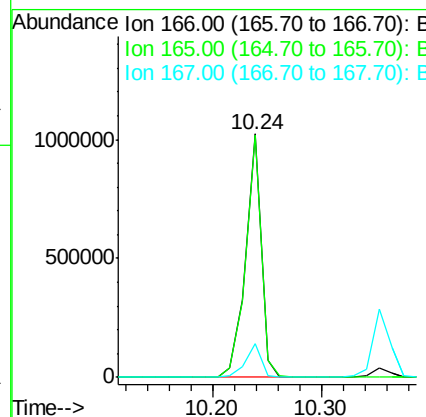
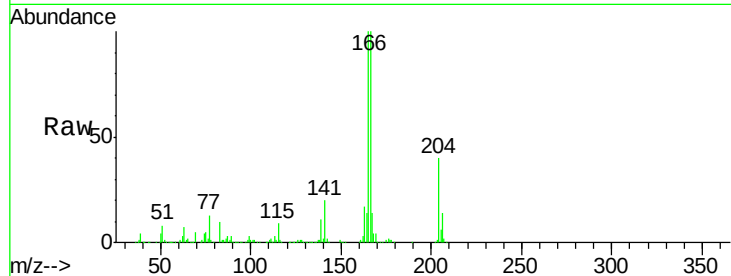
ClientSampleId :

PB86781BSD

Tot Ion:	166	Resp:	1006214
Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.0	117.0
167	13.6	11.3	16.9

Manual Integrations
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11/23/2015 7:01:31 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

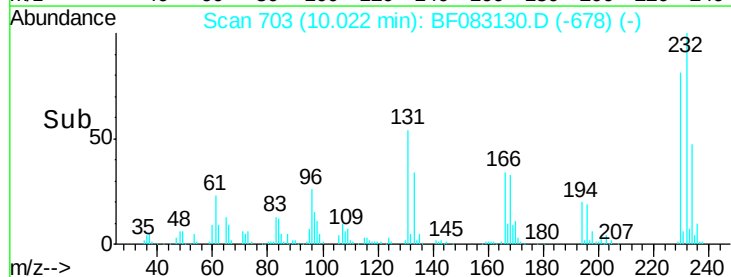
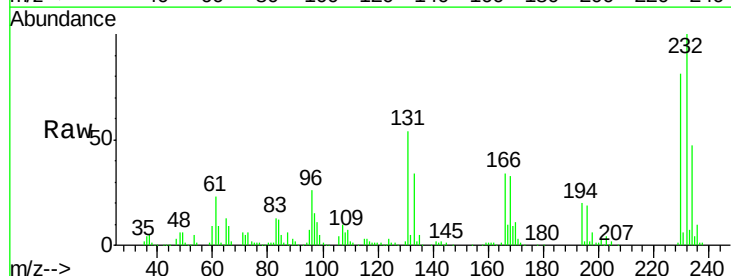
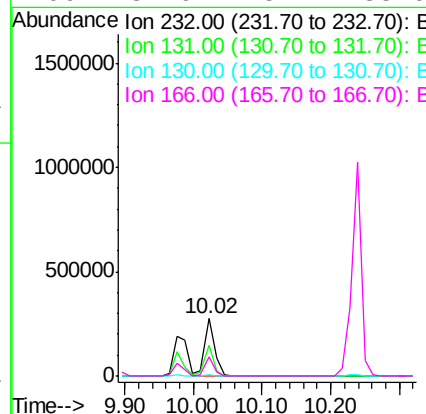
RT: 10.02 min Scan# 703

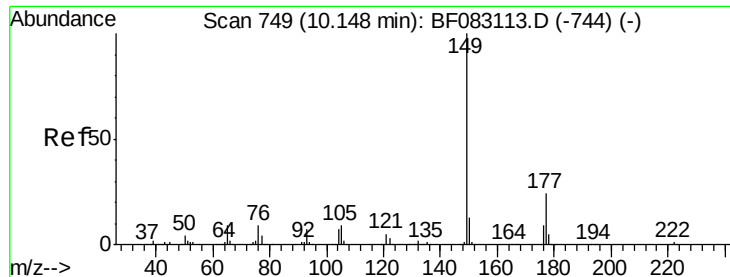
Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	232	Resp:	272571
Ion	Ratio	Lower	Upper
232	100		
131	49.1	38.6	57.8
130	2.2	1.9	2.9
166	31.9	25.4	38.0





#59

Diethylphthalate

Concen: 37.90 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion:149 Resp: 1072402

Ion Ratio Lower Upper

149 100

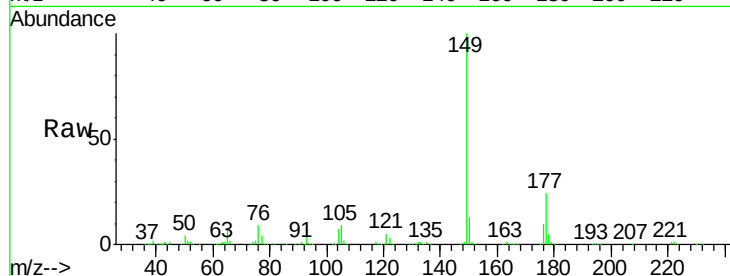
177 24.1 19.4 29.2

150 12.6 10.2 15.2

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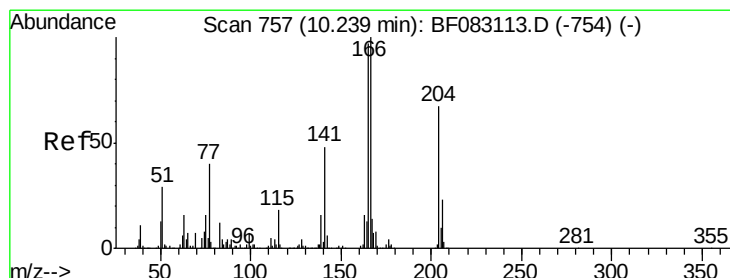
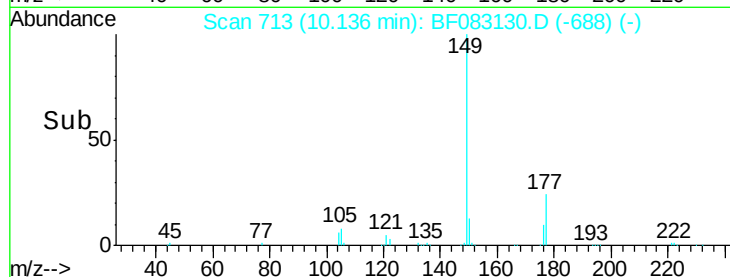
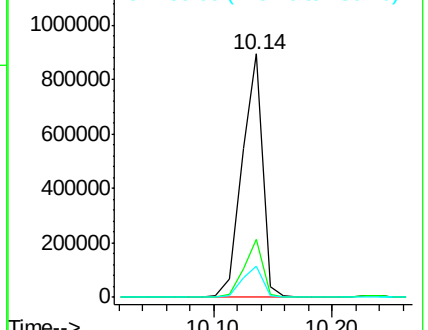
11/23/2015 7:01:31 PM



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: 36.88 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

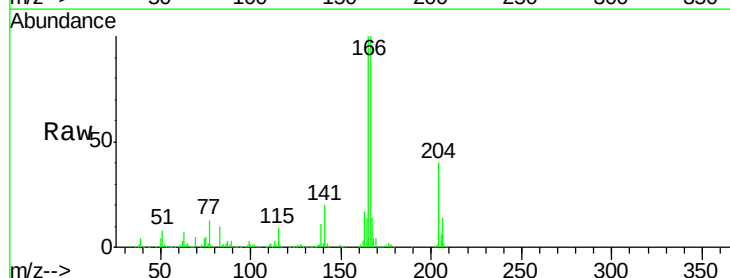
Tgt Ion:204 Resp: 459605

Ion Ratio Lower Upper

204 100

206 34.9 27.4 41.0

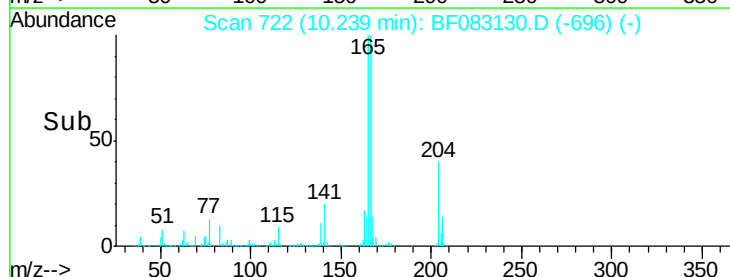
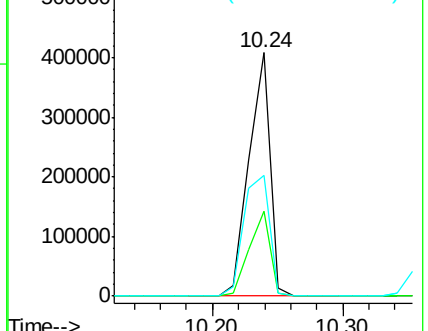
141 49.7 57.4 86.2#

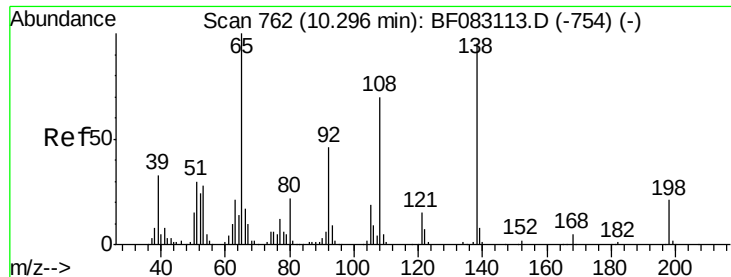


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





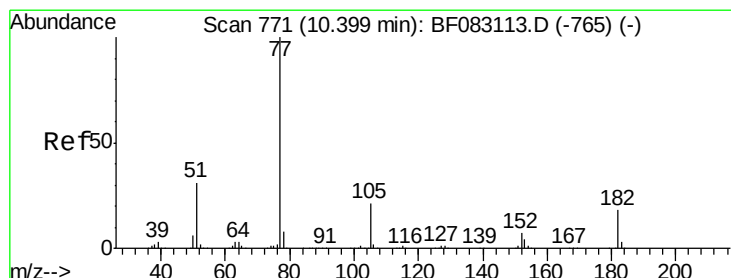
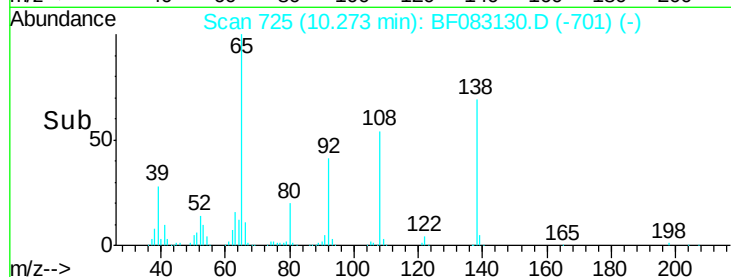
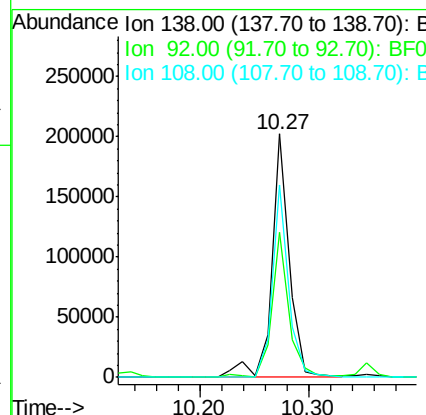
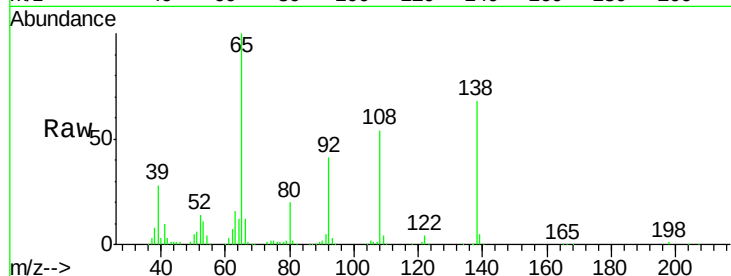
#61
4-Nitroaniline
Concen: 34.28 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	229561		
92	59.8	28.4	68.4	
108	79.2	53.5	93.5	

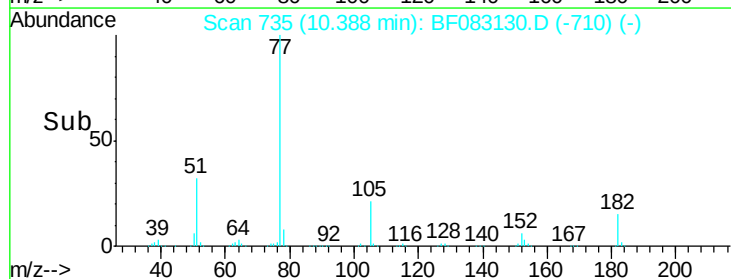
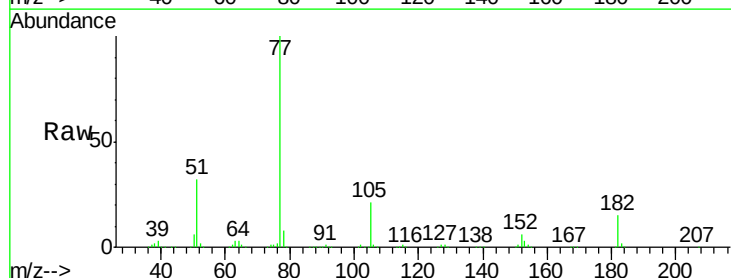
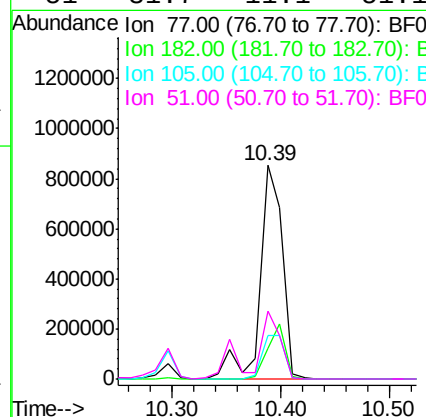
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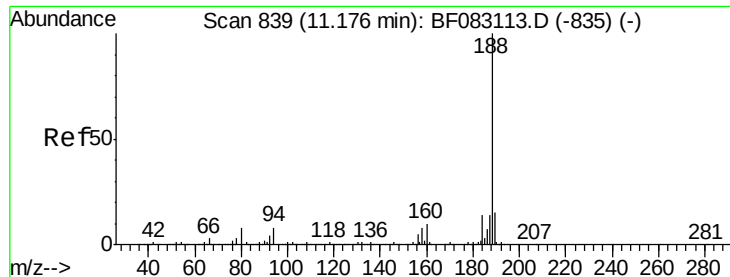
Mmdadoda
11/23/2015 7:01:31 PM



#62
Azobenzene
Concen: 38.39 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1239861		
182	14.5	0.0	38.3	
105	20.6	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: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

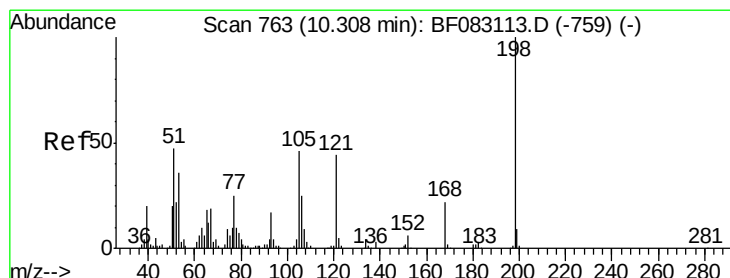
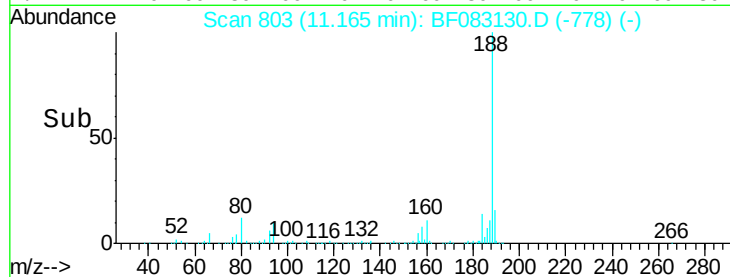
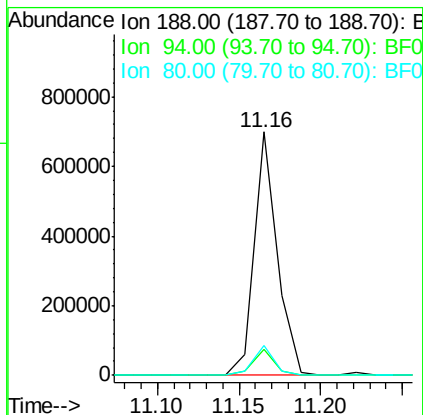
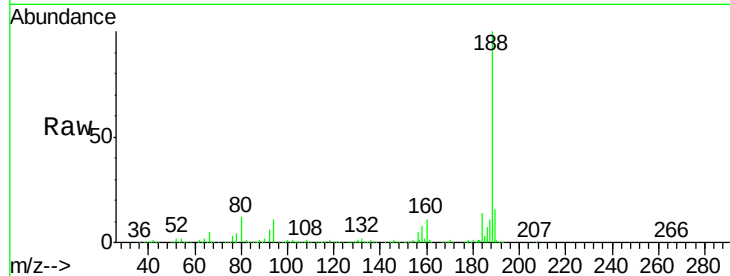
ClientSampleId :

PB86781BSD

Tot Ion:	188	Resp:	685785
Ion Ratio	Lower	Upper	
188	100		
94	10.6	6.0	9.0#
80	12.3	6.7	10.1#

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.54 ng

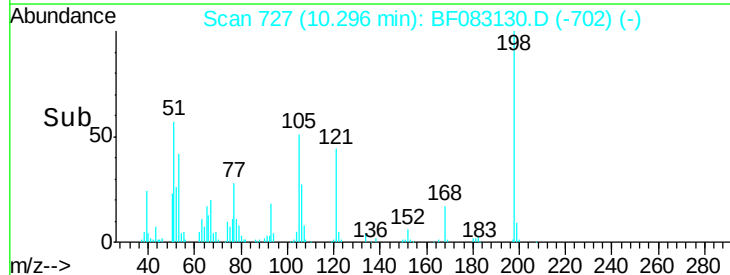
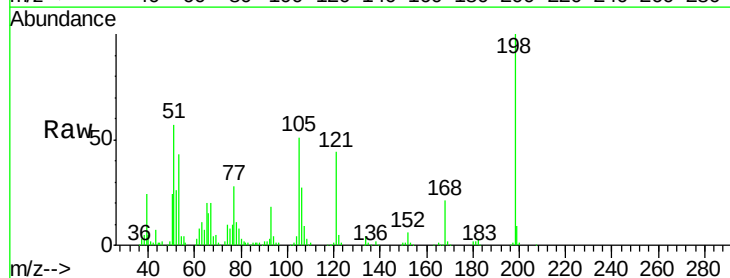
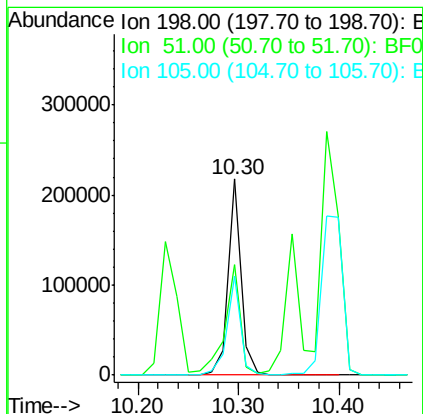
RT: 10.30 min Scan# 727

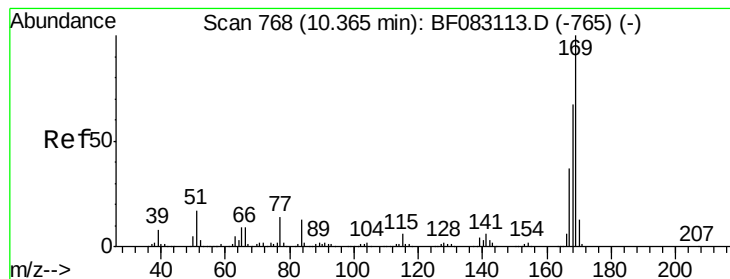
Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	198	Resp:	196273
Ion Ratio	Lower	Upper	
198	100		
51	56.7	27.0	67.0
105	50.8	26.1	66.1





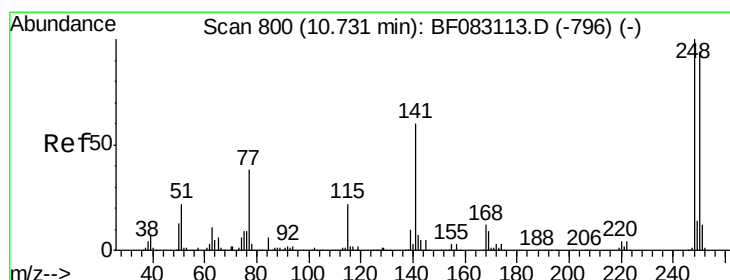
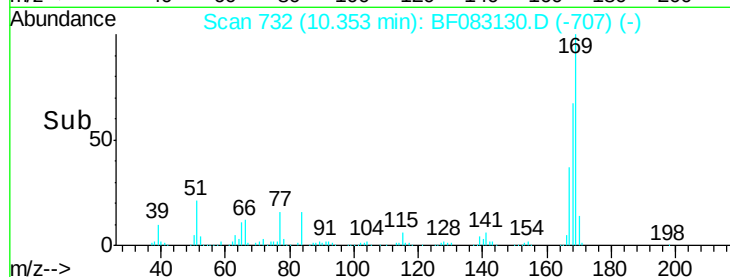
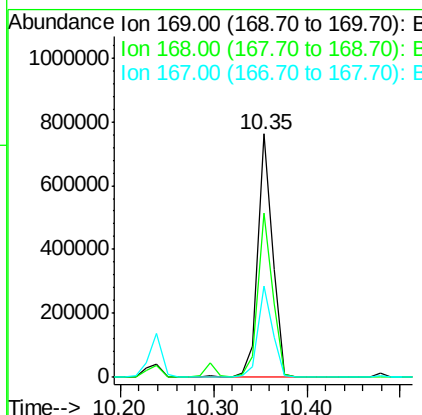
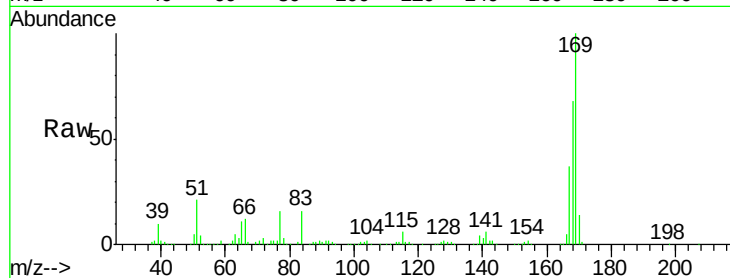
#65
 n-Nitrosodiphenylamine
 Concen: 36.14 ng
 RT: 10.35 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		842913		
168	67.5	53.8		80.6	
167	37.3	29.8		44.8	

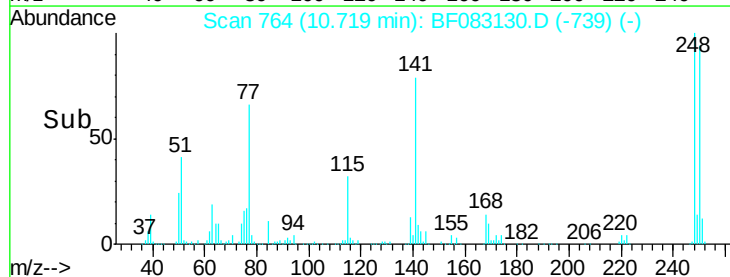
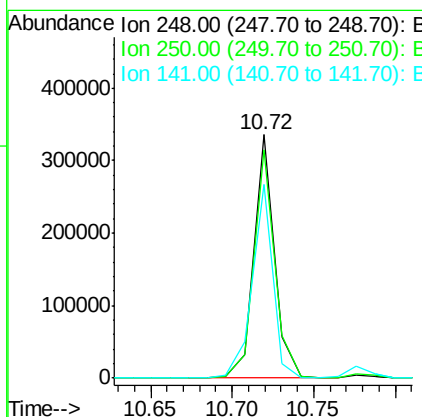
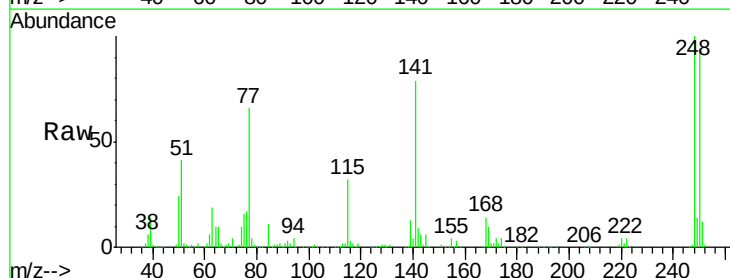
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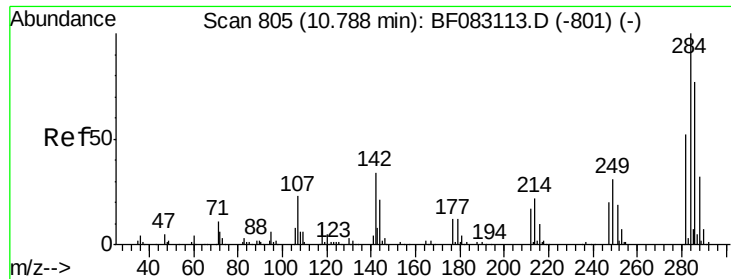
Mmdadoda
 11/23/2015 7:01:31 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.87 ng
 RT: 10.72 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		295808		
250	93.7	75.4		113.2	
141	79.4	48.1		72.1#	





#67

Hexachlorobenzene

Concen: 37.71 ng

RT: 10.79 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

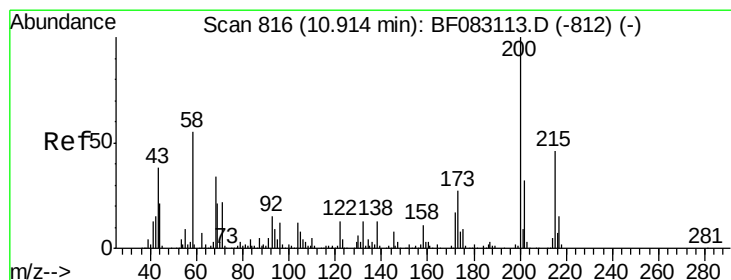
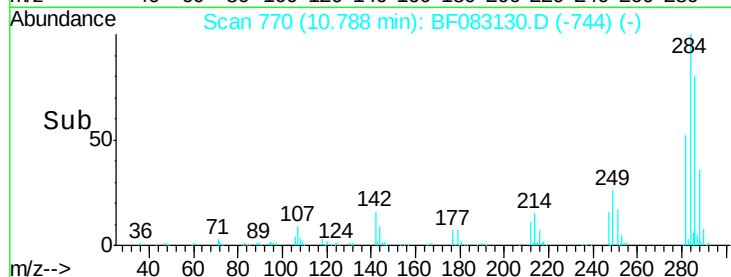
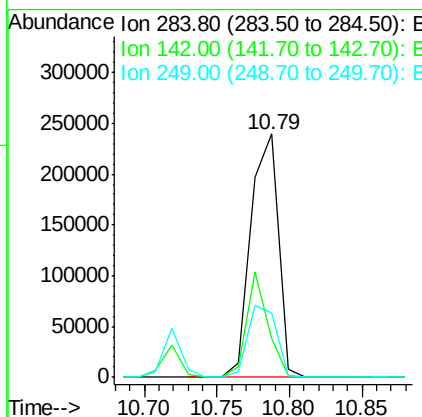
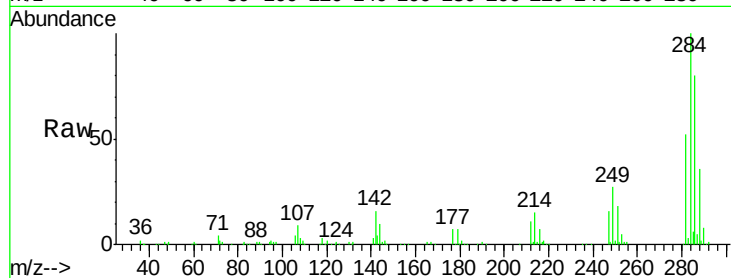
ClientSampleId :

PB86781BSD

Tot Ion:	284	Resp:	316034
Ion Ratio		Lower	Upper
284	100		
142	16.2	27.6	41.4#
249	26.6	25.5	38.3

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11/23/2015 7:01:31 PM



#68

Atrazine

Concen: 39.34 ng

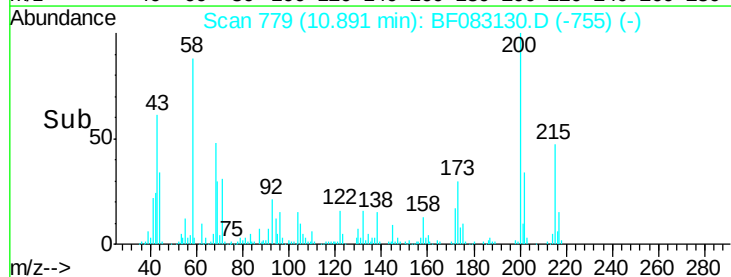
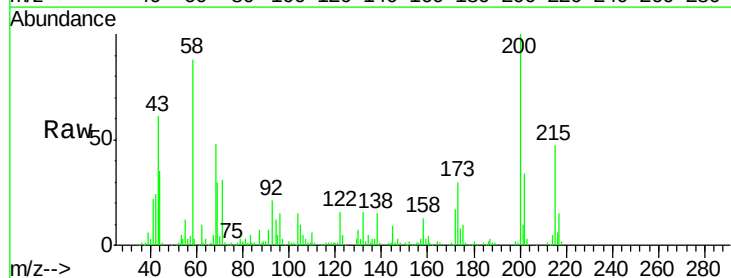
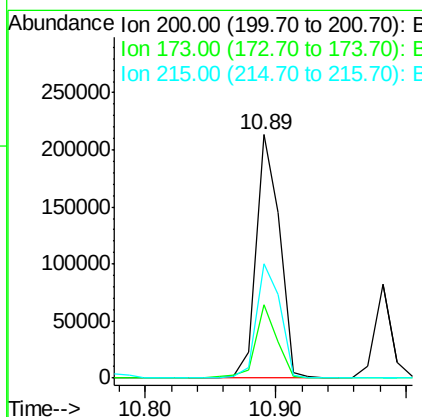
RT: 10.89 min Scan# 779

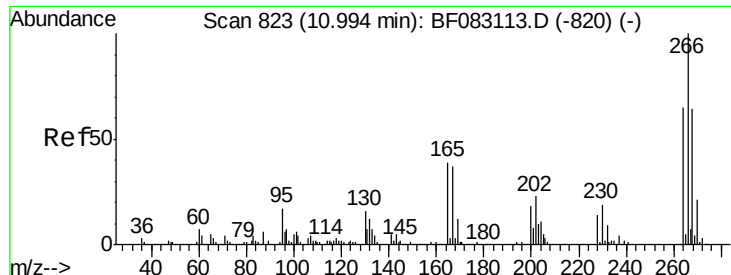
Delta R.T. -0.02 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Tgt Ion:	200	Resp:	266423
Ion Ratio		Lower	Upper
200	100		
173	30.2	7.2	47.2
215	46.7	25.7	65.7





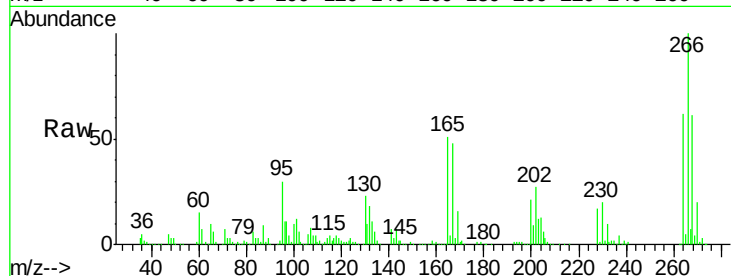
#69
 Pentachlorophenol
 Concen: 71.11 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

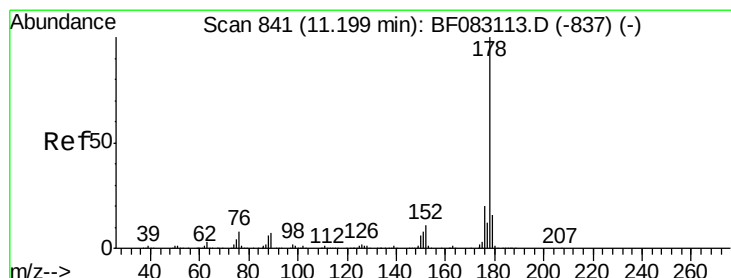
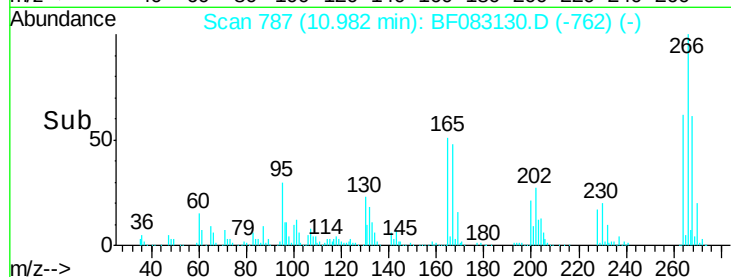
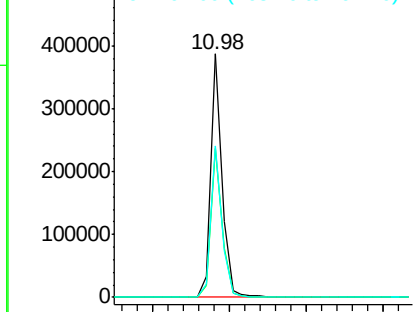
Tot Ion	Ratio	Resp	Lower	Upper
266	100	388170		
268	61.2		51.4	77.0
264	62.4		51.7	77.5

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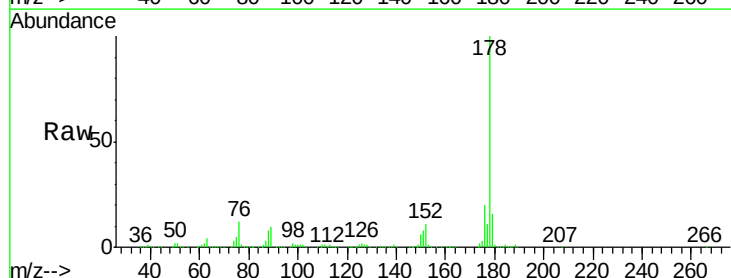


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

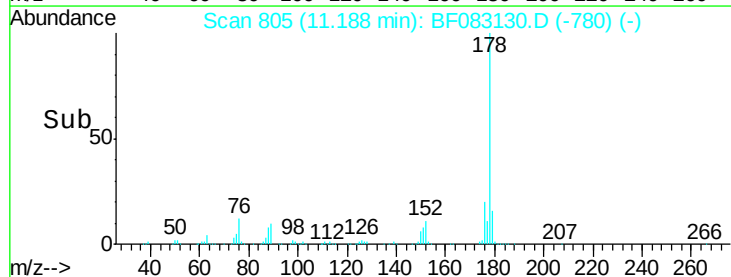
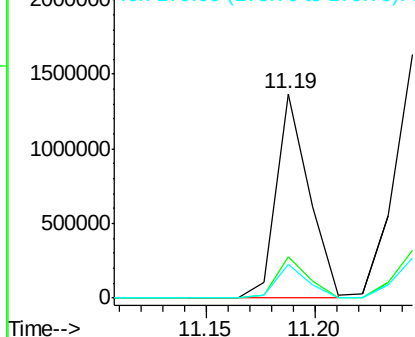


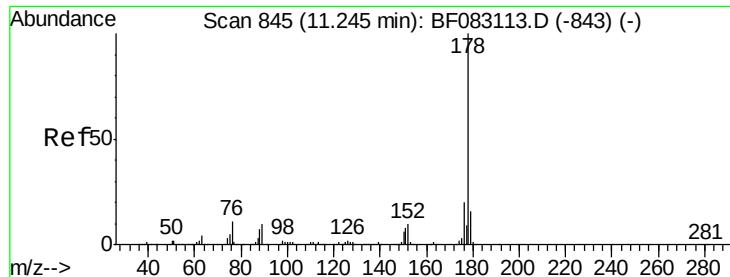
#70
 Phenanthrene
 Concen: 36.65 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1447988		
176	20.0		16.2	24.2
179	16.3		12.8	19.2



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





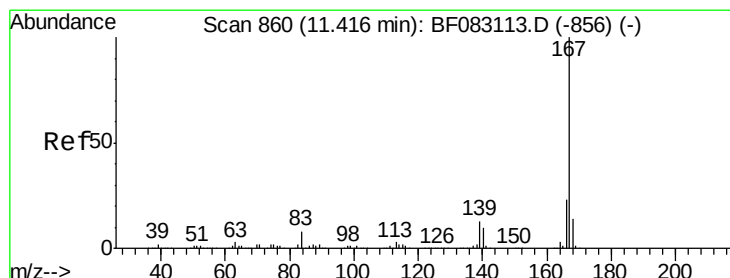
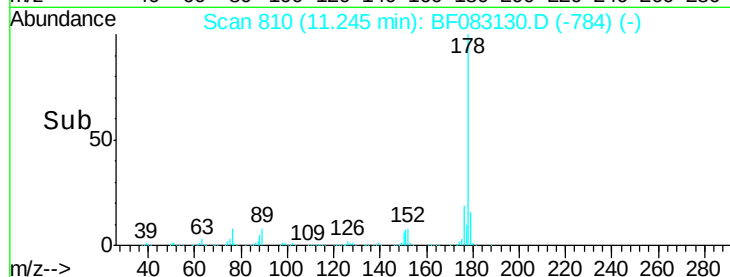
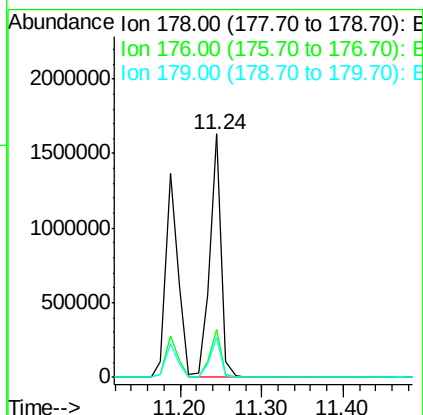
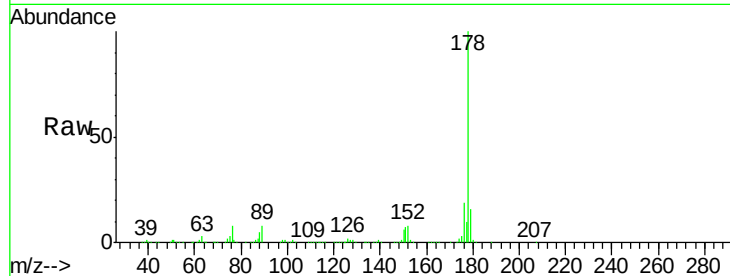
#71
 Anthracene
 Concen: 39.75 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion:178 Resp: 1602499
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.5 13.2 19.8

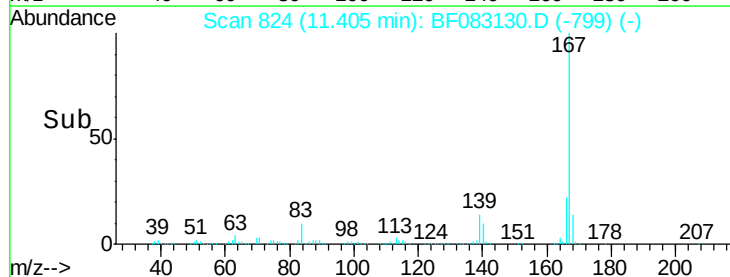
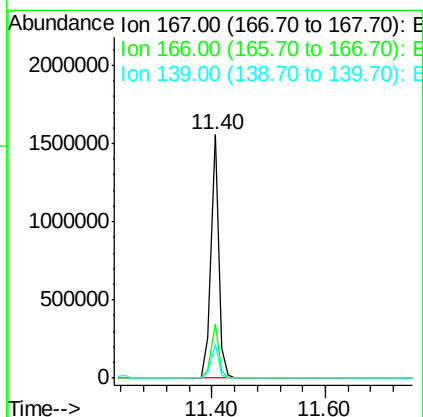
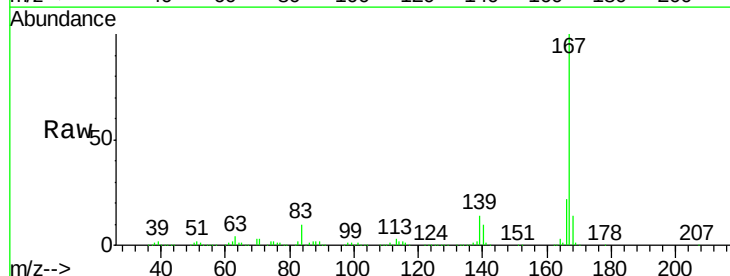
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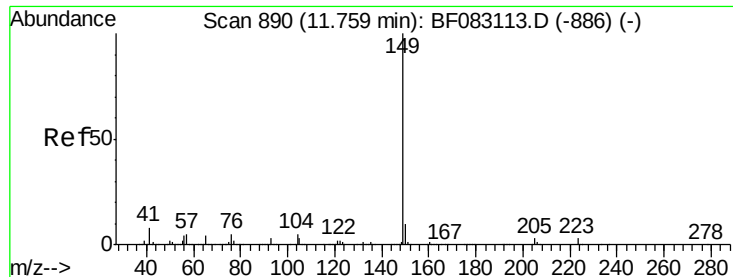
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 11/23/2015 7:01:31 PM



#72
 Carbazole
 Concen: 39.11 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion:167 Resp: 1401492
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.7 10.5 15.7





#73

Di-n-butylphthalate

Concen: 38.46 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion:149 Resp: 1682191

Ion Ratio Lower Upper

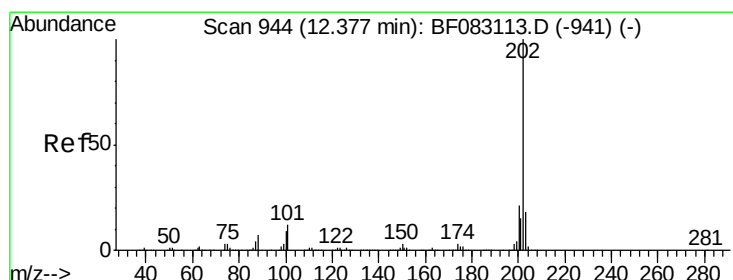
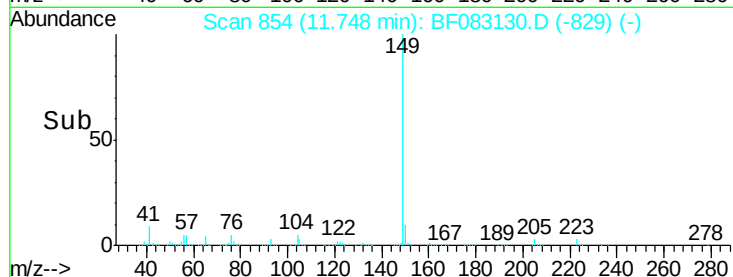
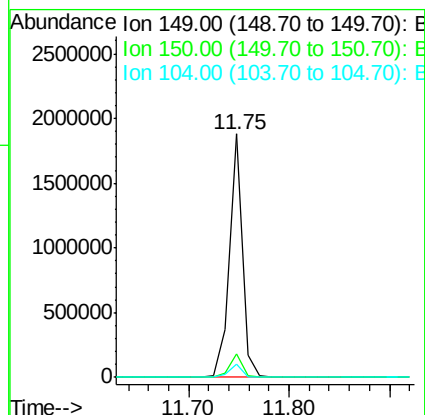
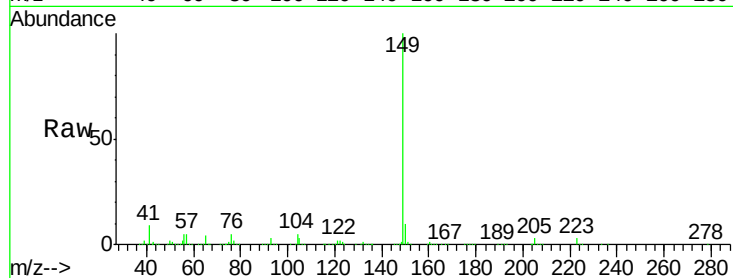
149 100

150 9.8 8.0 12.0

104 5.2 4.4 6.6

Manual Integrations
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11/23/2015 7:01:31 PM



#74

Fluoranthene

Concen: 40.67 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

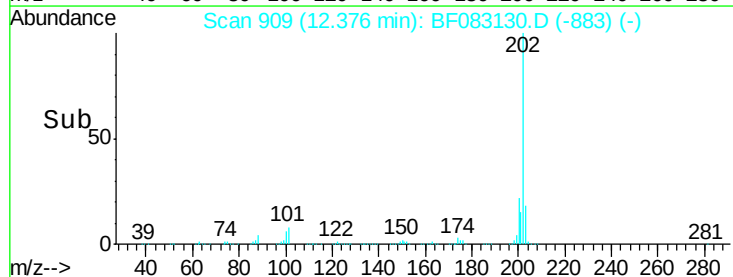
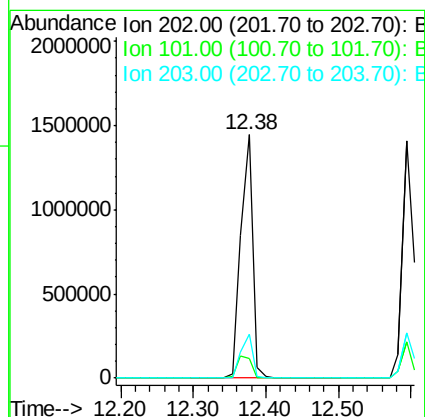
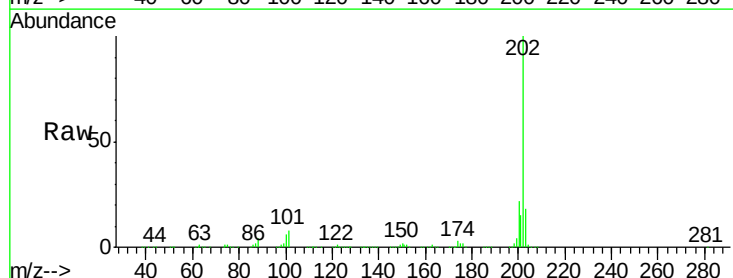
Tgt Ion:202 Resp: 1644760

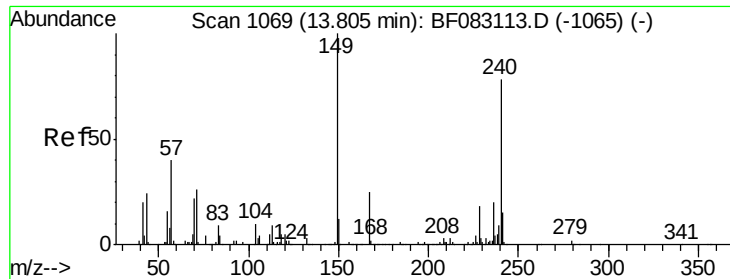
Ion Ratio Lower Upper

202 100

101 8.0 0.0 32.3

203 18.0 0.0 38.4





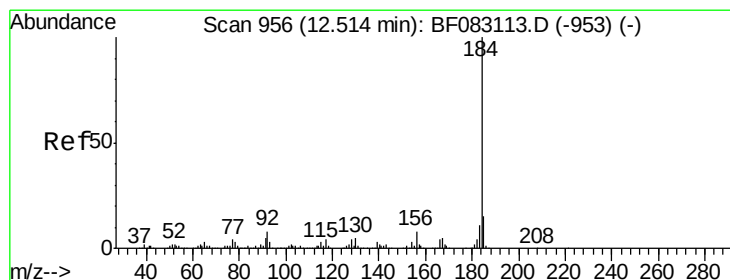
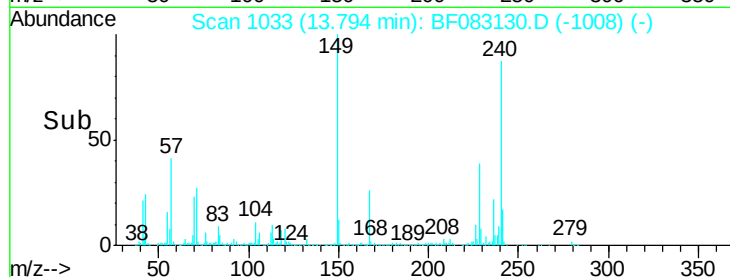
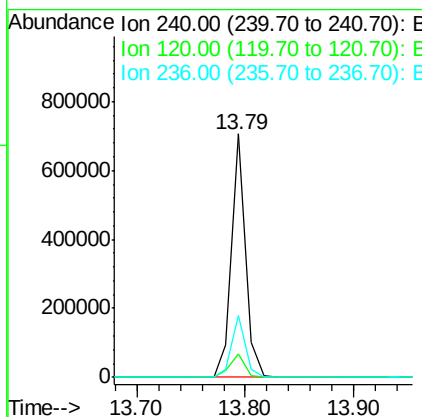
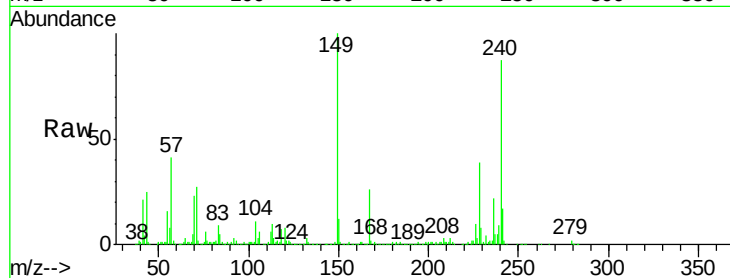
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion:240 Resp: 629139
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.4 8.2#
 236 25.4 20.6 31.0

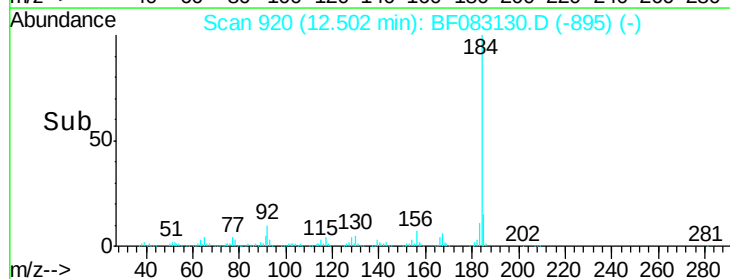
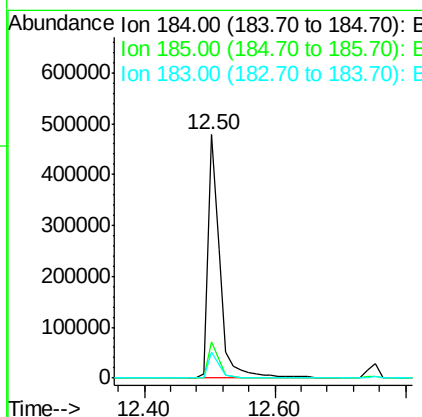
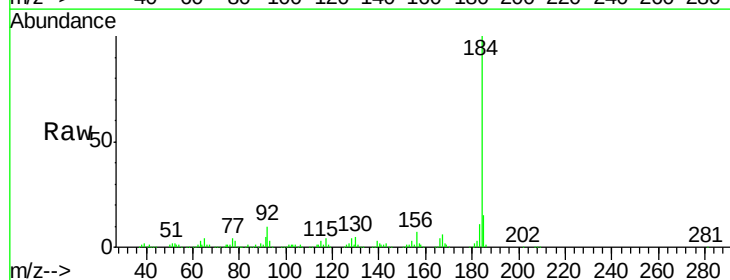
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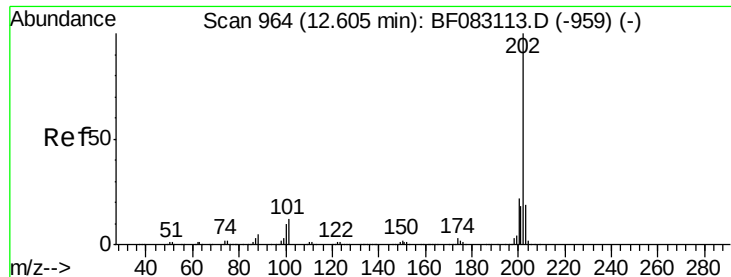
Mmdadoda
 11/23/2015 7:01:31 PM



#76
 Benzidine
 Concen: 36.58 ng
 RT: 12.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion:184 Resp: 603248
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.7 17.5
 183 10.8 8.8 13.2





#77

Pvrene

Concen: 36.05 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

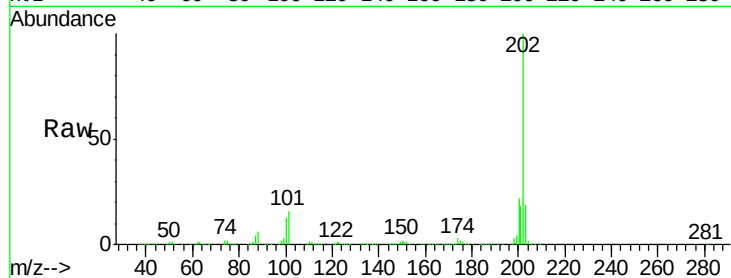
ClientSampleId :

PB86781BSD

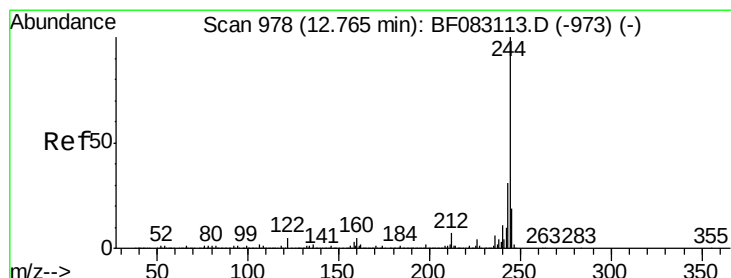
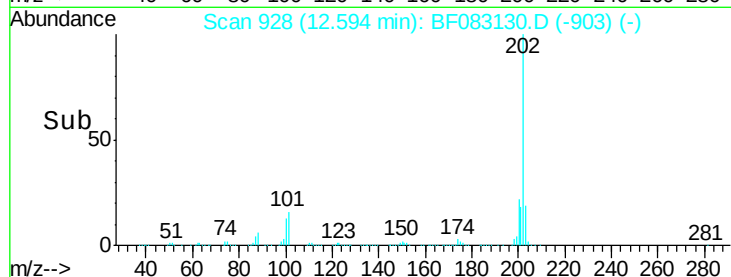
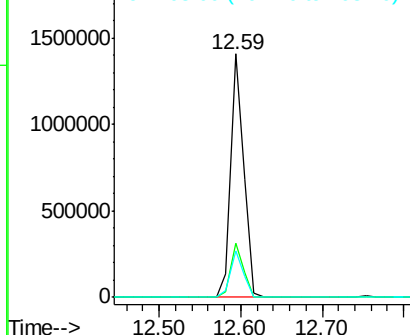
Tot Ion:	202	Resp:	1549591
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	19.0	15.0	22.4

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



#78

Terphenyl-d14

Concen: 74.57 ng

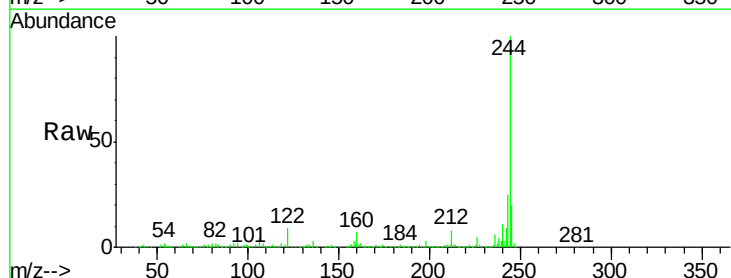
RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

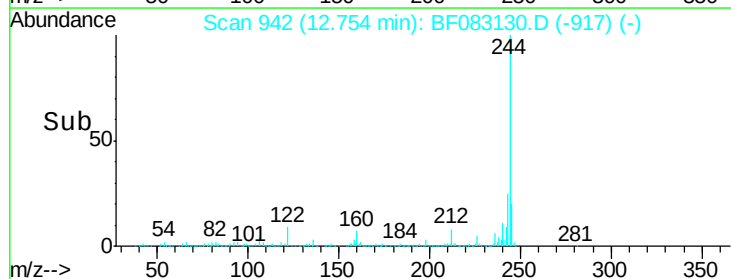
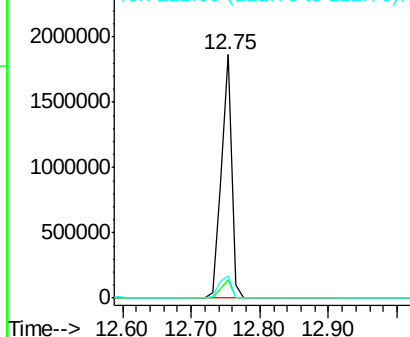
Lab File: BF083130.D

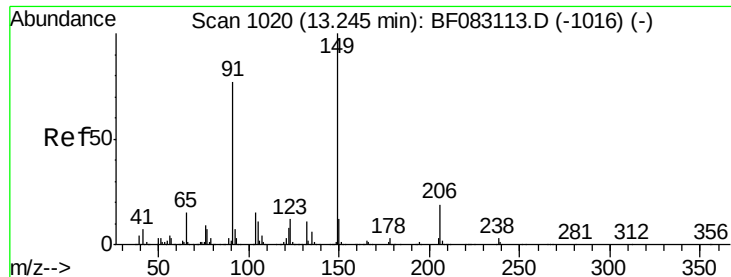
Acq: 22 Nov 2015 1:06

Tgt Ion:	244	Resp:	1992221
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	9.2	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





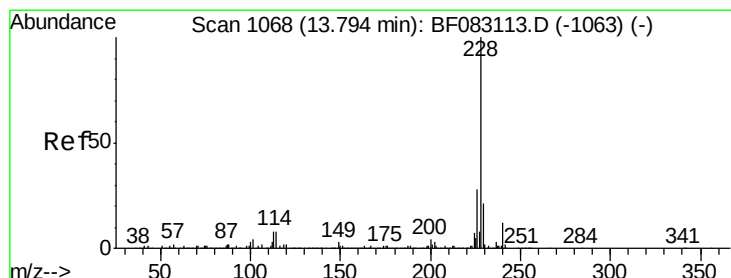
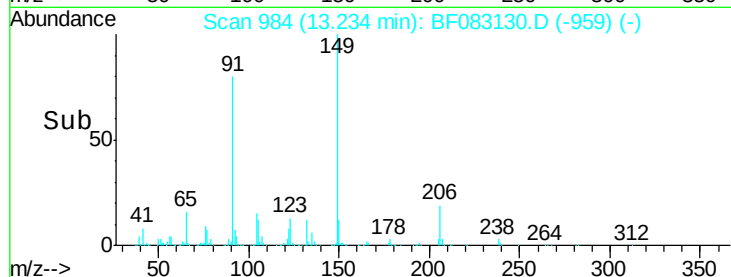
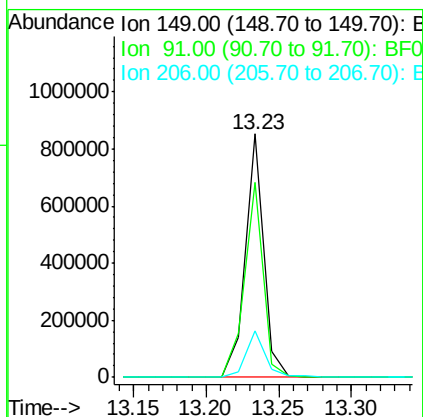
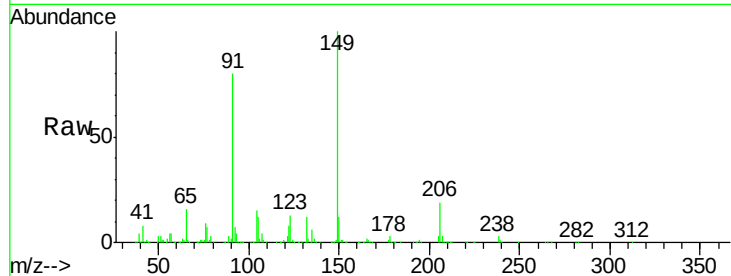
#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	751835		
91	79.8	61.5	92.3	
206	19.4	15.3	22.9	

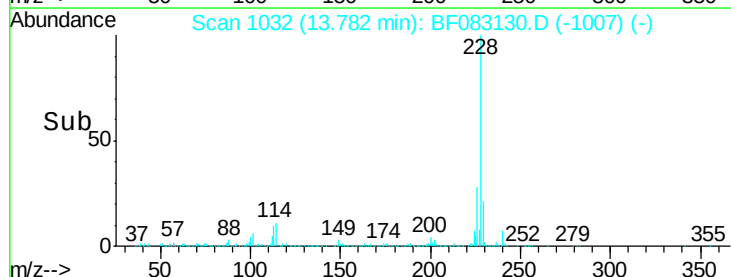
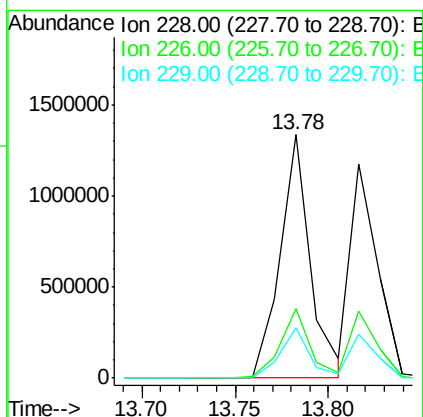
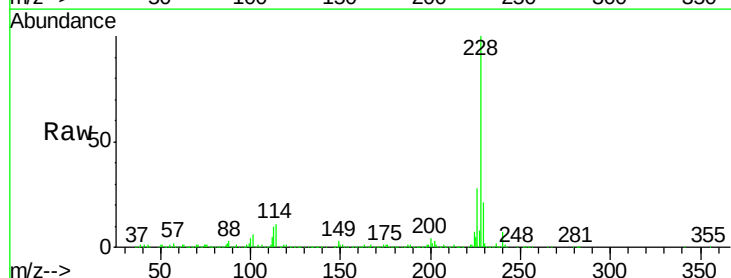
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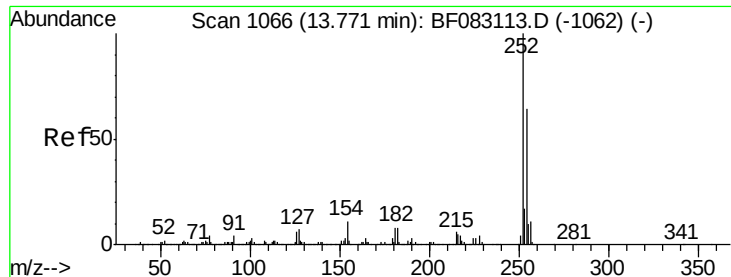
Mmdadoda
11/23/2015 7:01:31 PM



#80
Benzo(a)anthracene
Concen: 38.79 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1509211		
226	28.3	22.6	33.8	
229	20.6	16.6	24.8	





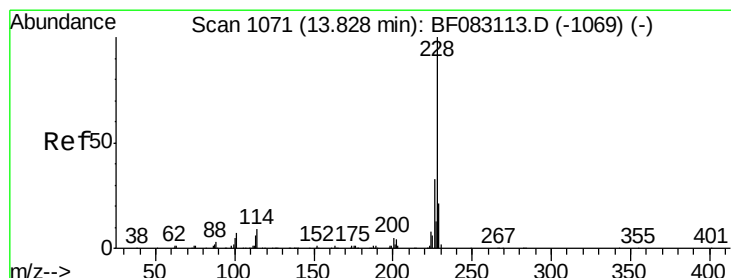
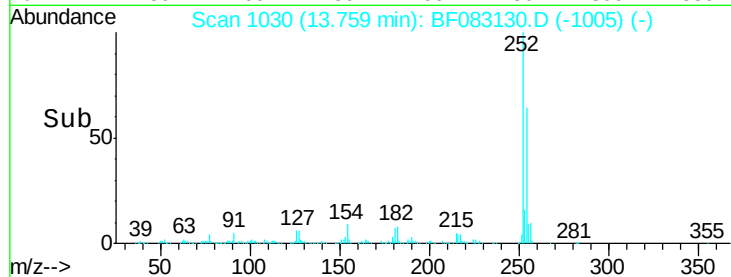
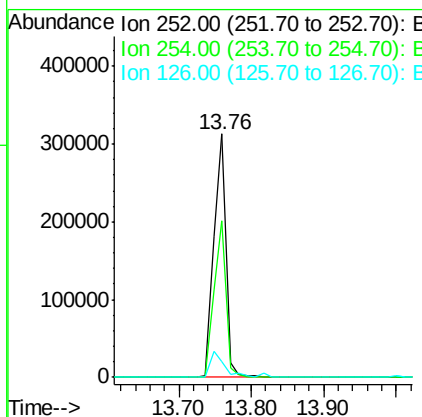
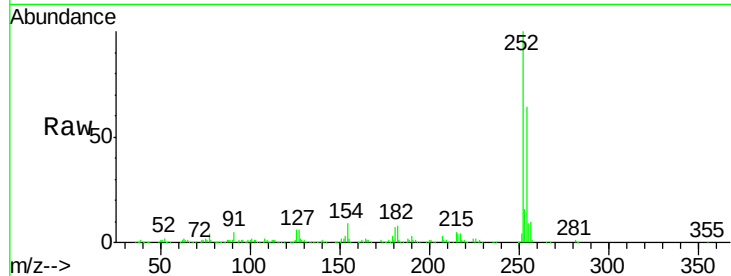
#81
 3,3'-Dichlorobenzidine
 Concen: 26.81 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	6.4	5.2	7.8

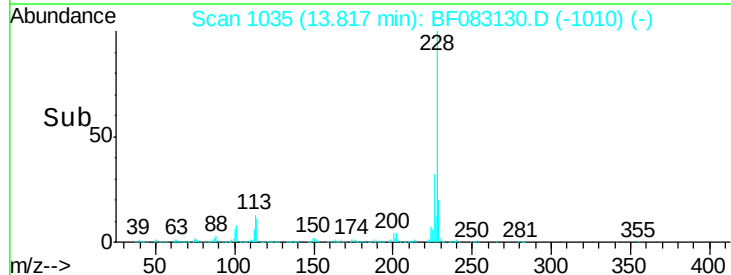
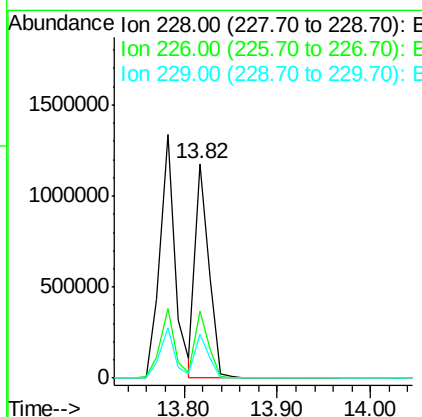
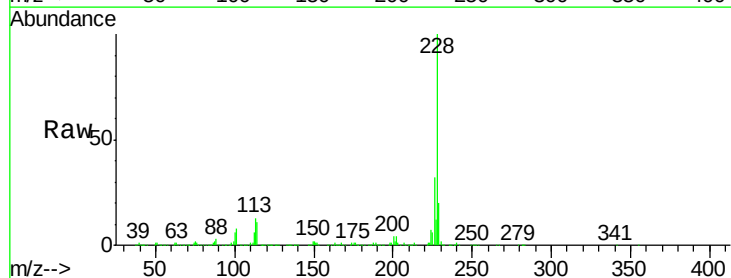
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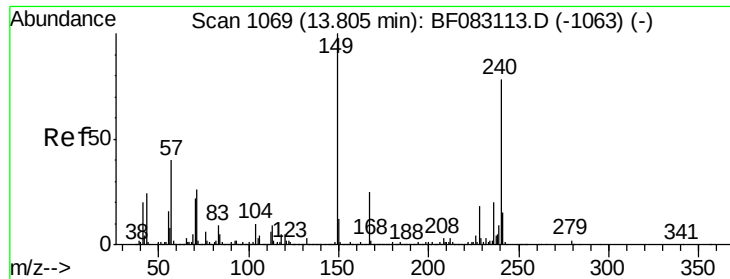
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 11/23/2015 7:01:31 PM



#82
 Chrysene
 Concen: 33.52 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.3	16.6	25.0





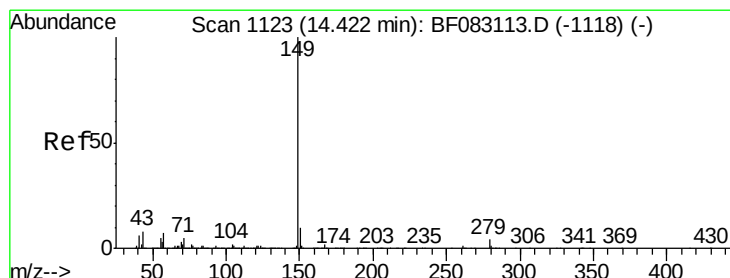
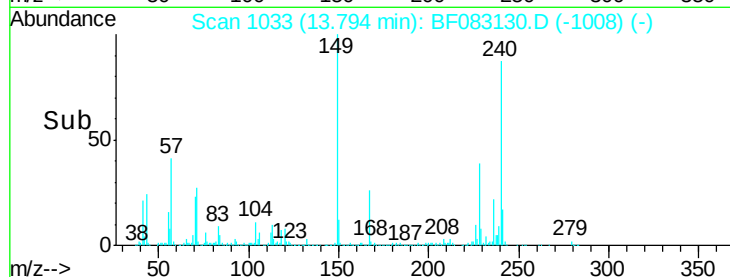
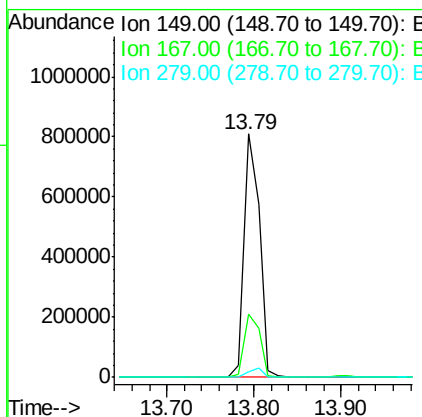
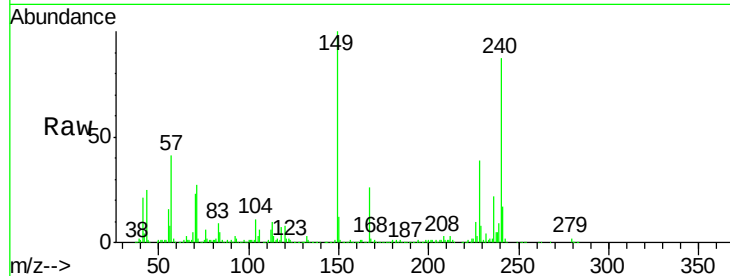
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.77 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion:149 Resp: 1003377
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.1 30.1
 279 2.1 1.7 2.5

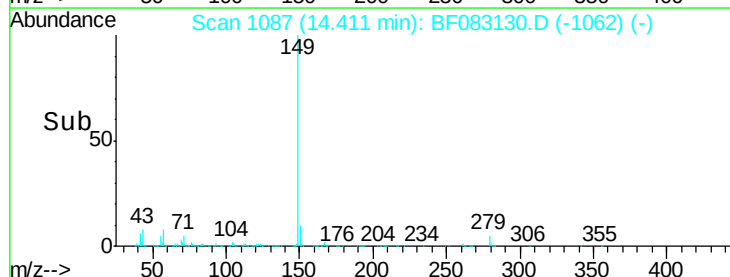
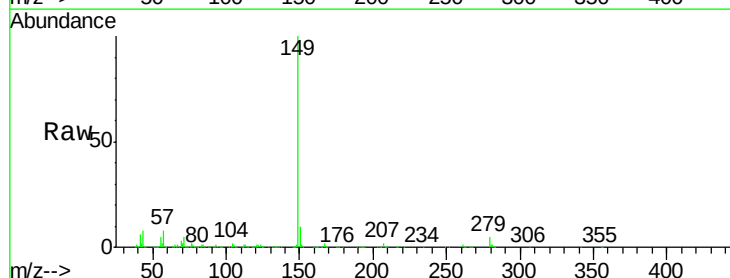
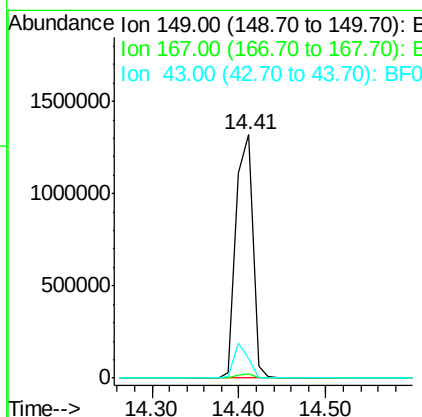
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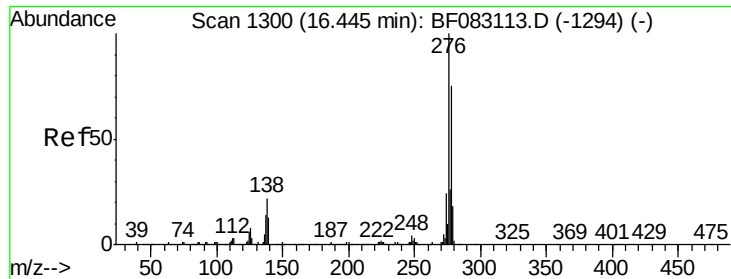
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 11/23/2015 7:01:31 PM



#84
 Di-n-octyl phthalate
 Concen: 37.99 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Tgt Ion:149 Resp: 1737650
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.3 9.5 14.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.87 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

PB86781BSD

Tot Ion:276 Resp: 1210184

Ion Ratio Lower Upper

276 100

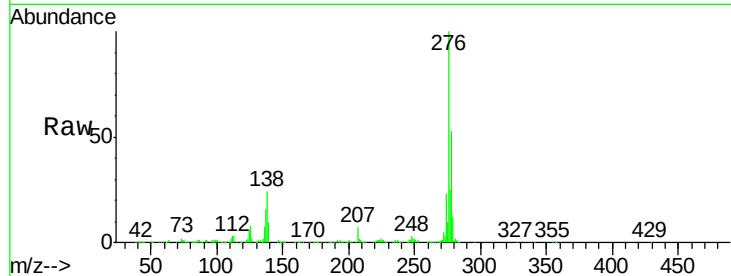
138 24.5 18.0 27.0

277 25.0 20.2 30.4

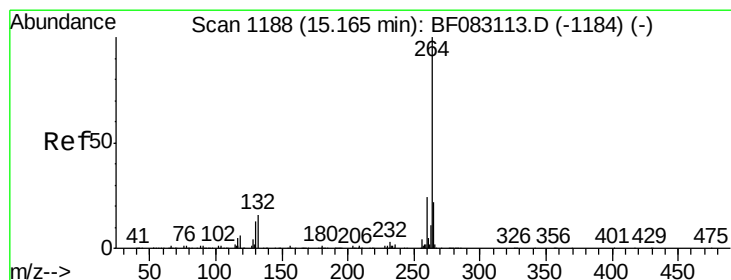
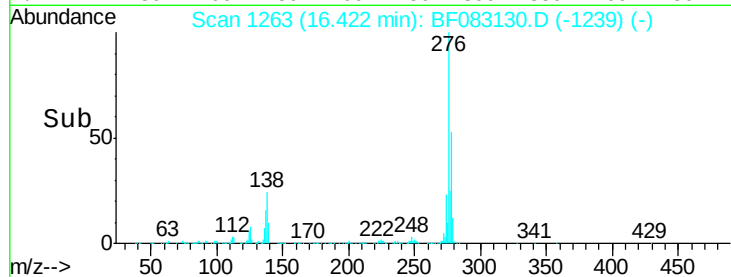
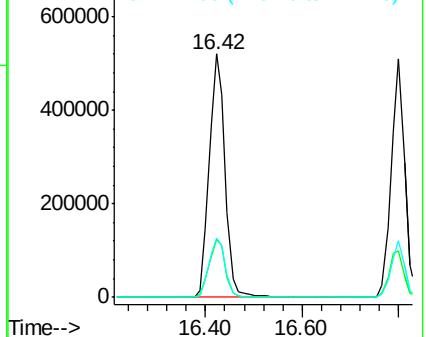
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083130.D

Acq: 22 Nov 2015 1:06

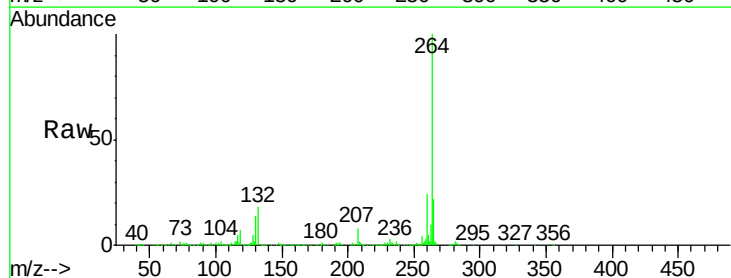
Tgt Ion:264 Resp: 550295

Ion Ratio Lower Upper

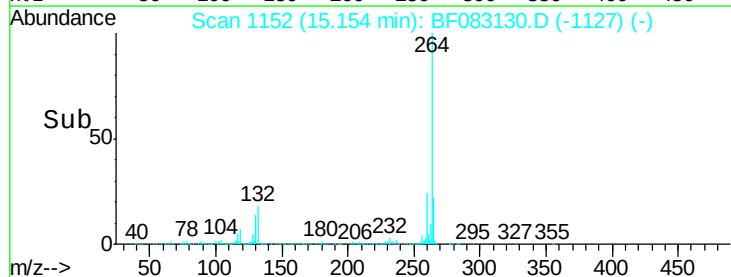
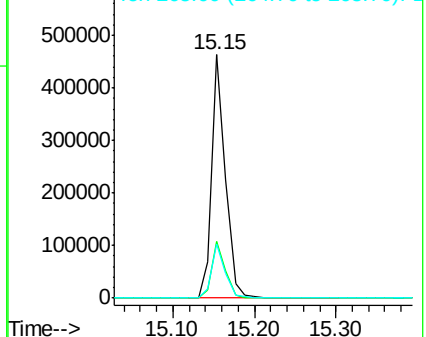
264 100

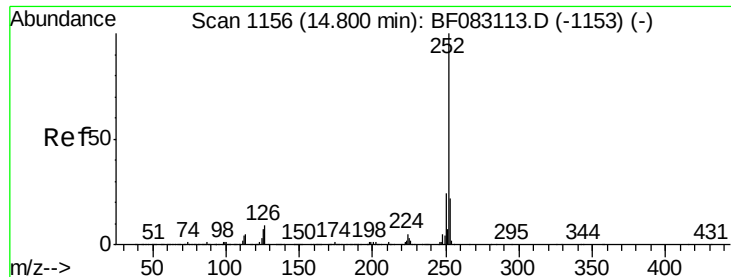
260 23.6 19.1 28.7

265 22.4 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





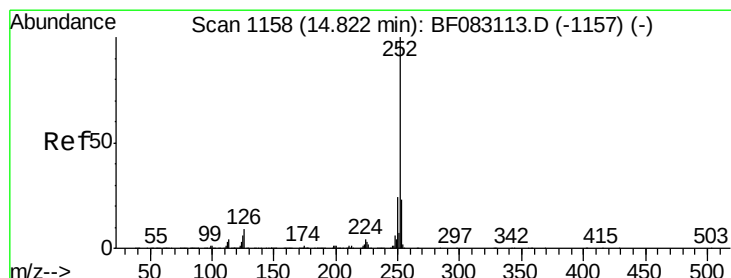
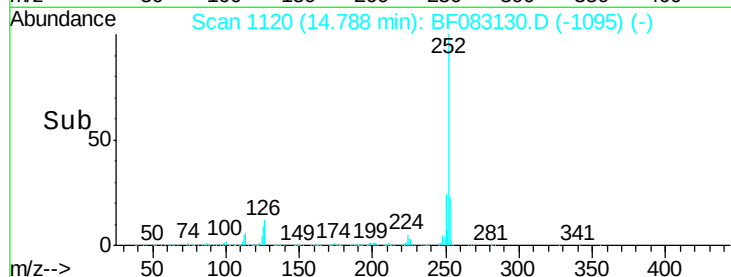
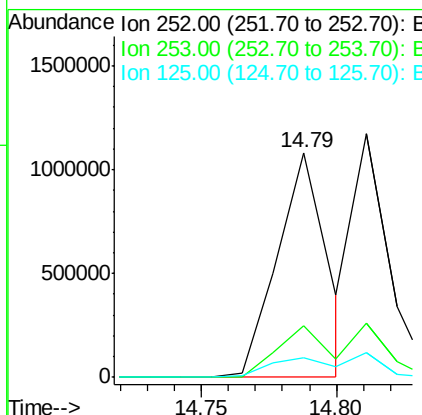
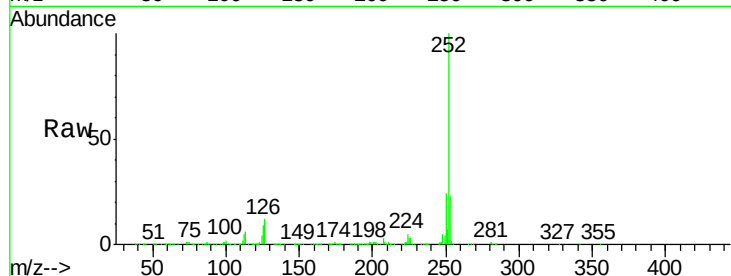
#87
Benzo(b)fluoranthene
Concen: 36.48 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion:252 Resp: 1371644
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 8.5 5.6 8.4#

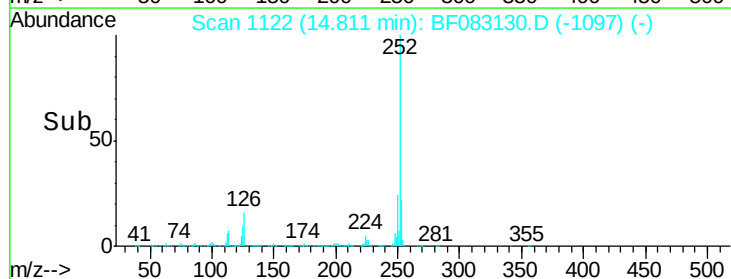
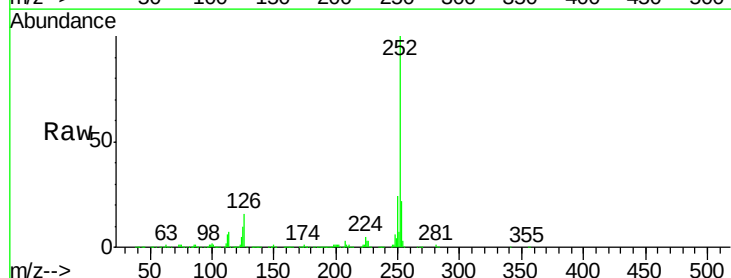
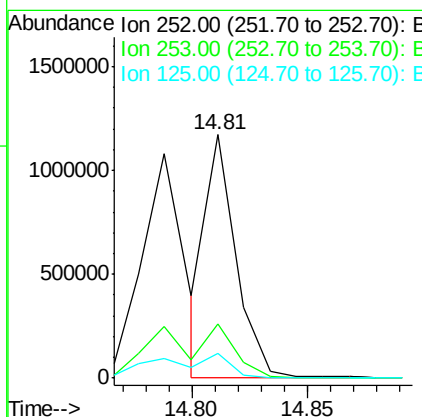
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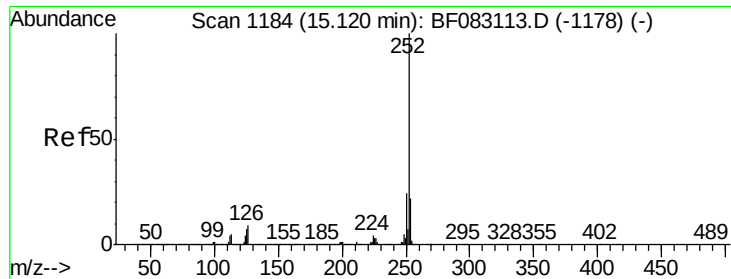
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11/23/2015 7:01:31 PM



#88
Benzo(k)fluoranthene
Concen: 38.32 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion:252 Resp: 1073636
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.3 6.8 10.2#





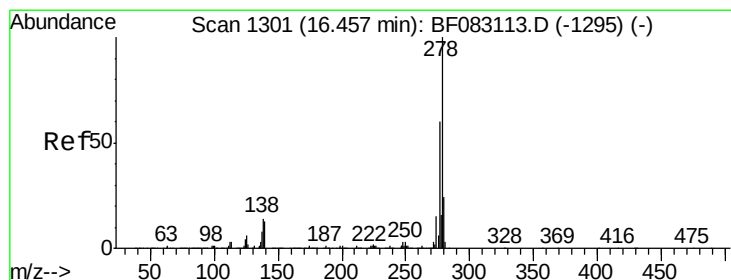
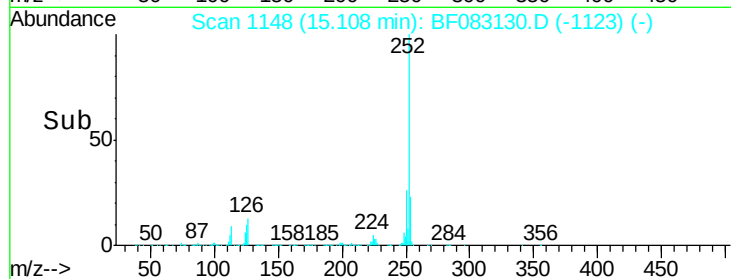
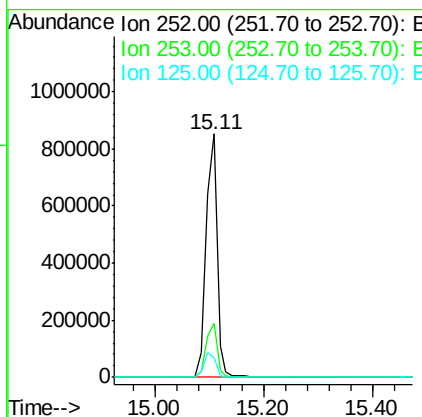
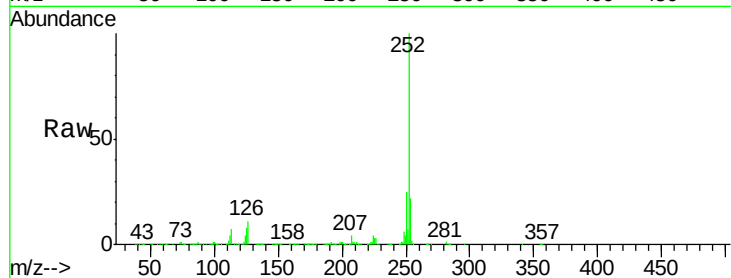
#89
Benzo(a)pyrene
Concen: 38.37 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.1	5.4	8.0

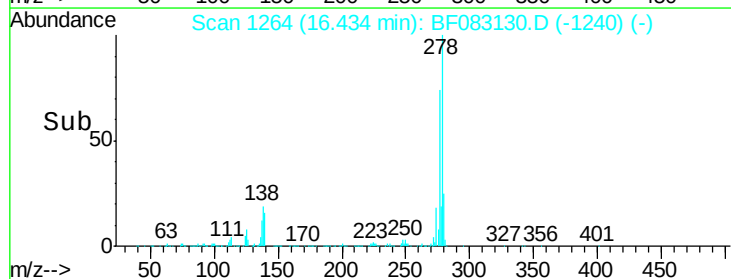
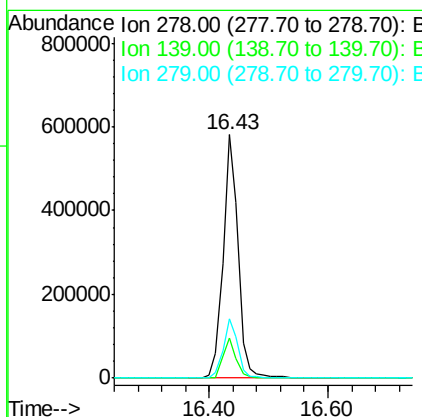
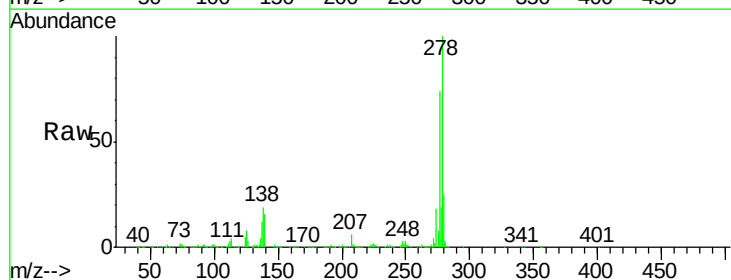
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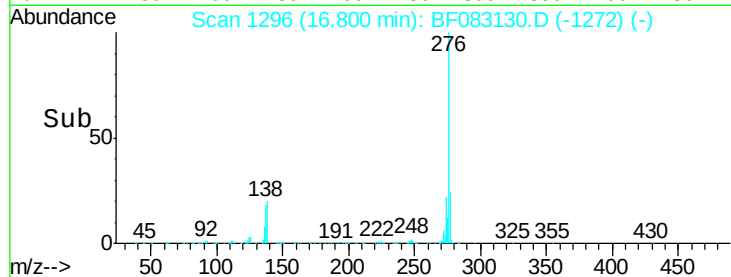
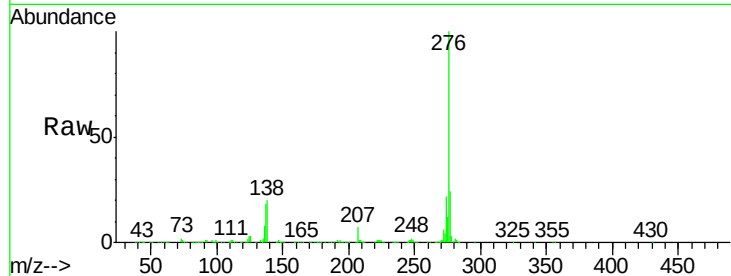
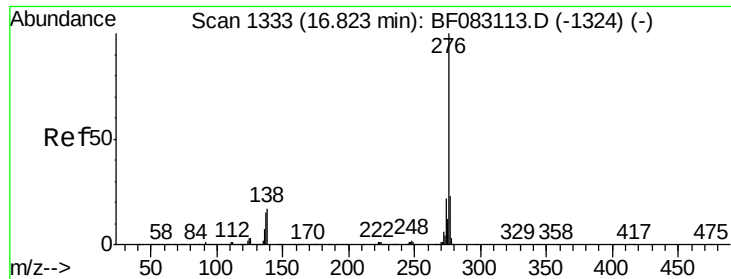
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#90
Dibenzo(a,h)anthracene
Concen: 36.25 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083130.D
Acq: 22 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	10.7	16.1
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.01 ng
 RT: 16.80 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF083130.D
 Acq: 22 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.7	13.9	20.9

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