

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081410.D
 Acq On : 4 Sep 2015 8:55
 Operator : UM/IZ
 Sample : G3505-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:51:50 PM

Quant Time: Sep 04 11:49:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	53725	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	204069	20.00	ng	-0.02
38) Acenaphthene-d10	9.40	164	97558	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	182738	20.00	ng	-0.01
75) Chrysene-d12	13.47	240	116275	20.00	ng	-0.02
86) Perylene-d12	14.78	264	89946	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.92	112	474184	136.94	ng	0.00
7) Phenol-d6	6.04	99	639189	139.45	ng	-0.01
23) Nitrobenzene-d5	6.95	82	403901	95.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.19	330	138384	159.31	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	656152	86.19	ng	-0.02
78) Terphenyl-d14	12.45	244	553668	110.84	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	49536	31.85	ng	# 90
4) n-Nitrosodimethylamine	2.25	42	92318	38.75	ng	# 77
6) Aniline	6.03	93	58572	9.05	ng	# 49
8) 2-Chlorophenol	6.16	128	153969	40.35	ng	# 94
9) Benzaldehyde	5.91	77	21825	7.60	ng	# 86
10) Phenol	6.06	94	192283	36.17	ng	# 49
11) bis(2-Chloroethyl)ether	6.12	93	161769	42.18	ng	# 91
12) 1,3-Dichlorobenzene	6.31	146	162380	39.83	ng	# 93
13) 1,4-Dichlorobenzene	6.39	146	171001	41.19	ng	# 90
14) 1,2-Dichlorobenzene	6.54	146	139321	37.28	ng	# 88
15) Benzyl Alcohol	6.54	79	146046	38.84	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	6.67	45	295097	40.14	ng	# 14
17) 2-Methylphenol	6.67	107	129024	42.38	ng	# 76
18) Hexachloroethane	6.88	117	64250	39.78	ng	# 91
19) n-Nitroso-di-n-propylamine	6.81	70	119523	38.31	ng	# 86
20) 3+4-Methylphenols	6.83	107	168012	40.93	ng	# 89
22) Acetophenone	6.80	105	235008	42.16	ng	# 79
24) Nitrobenzene	6.97	77	203597	46.35	ng	# 68
25) Isophorone	7.21	82	307646	39.10	ng	# 83
26) 2-Nitrophenol	7.29	139	80131	41.86	ng	# 72
27) 2,4-Dimethylphenol	7.35	122	113317	34.27	ng	# 73
28) bis(2-Chloroethoxy)methane	7.44	93	191073	42.05	ng	# 92
29) 2,4-Dichlorophenol	7.54	162	117533	40.99	ng	# 99
30) 1,2,4-Trichlorobenzene	7.61	180	138315	44.40	ng	# 98
31) Naphthalene	7.68	128	433961	39.87	ng	# 98
32) Benzoic acid	7.44	122	5259	4.65	ng	# 62
33) 4-Chloroaniline	7.75	127	50659	11.41	ng	# 87
34) Hexachlorobutadiene	7.80	225	76518	40.36	ng	# 98
35) Caprolactam	8.12	113	25022m	28.45	ng	# 71
36) 4-Chloro-3-methylphenol	8.25	107	131329	40.92	ng	# 91
37) 2-Methylnaphthalene	8.38	142	307513	43.42	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	114713	37.18	ng	# 93
40) Hexachlorocyclopentadiene	8.52	237	93232	61.57	ng	# 99
42) 2,4,6-Trichlorophenol	8.66	196	83464	39.20	ng	# 99

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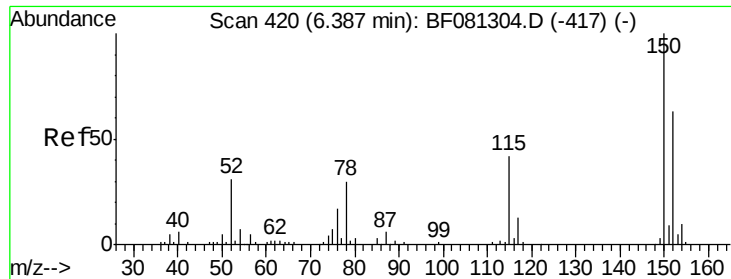
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.71	196	83181	38.29	nq	# 84
45) 1,1'-Biphenyl	8.84	154	342694	38.18	nq	95
46) 2-Chloronaphthalene	8.86	162	256791	39.62	nq	# 89
47) 2-Nitroaniline	8.97	65	105775	40.04	nq	84
48) Acenaphthylene	9.27	152	424579	36.92	nq	97
49) Dimethylphthalate	9.16	163	431324	56.90	nq	# 96
50) 2,6-Dinitrotoluene	9.21	165	57677	33.53	nq	# 15
51) Acenaphthene	9.44	154	264707	40.47	nq	90
52) 3-Nitroaniline	9.37	138	50049	25.55	nq	# 31
53) 2,4-Dinitrophenol	9.48	184	28428	39.23	nq	# 32
54) Dibenzofuran	9.61	168	380556	39.84	nq	93
55) 4-Nitrophenol	9.58	139	100776	81.90	nq	# 57
56) 2,4-Dinitrotoluene	9.61	165	79914	36.48	nq	# 32
57) Fluorene	9.94	166	273118	37.68	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	70518	42.52	nq	95
59) Diethylphthalate	9.85	149	296067	37.13	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	138747	41.07	nq	94
61) 4-Nitroaniline	9.99	138	72978	36.88	nq	# 36
62) Azobenzene	10.10	77	332417	37.50	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.02	198	34782	34.03	nq	# 69
65) n-Nitrosodiphenylamine	10.07	169	240694	36.20	nq	93
66) 4-Bromophenyl-phenylether	10.43	248	79956	43.27	nq	92
67) Hexachlorobenzene	10.49	284	76196	39.44	nq	# 77
68) Atrazine	10.62	200	76395	39.70	nq	82
69) Pentachlorophenol	10.69	266	72463	77.37	nq	99
70) Phenanthrene	10.89	178	419735	41.32	nq	97
71) Anthracene	10.94	178	400875	38.41	nq	98
72) Carbazole	11.11	167	405499	41.40	nq	97
73) Di-n-butylphthalate	11.46	149	491098	42.46	nq	# 99
74) Fluoranthene	12.06	202	416574	37.88	nq	92
77) Pyrene	12.29	202	469247	54.48	nq	98
79) Butylbenzylphthalate	12.94	149	190429	50.84	nq	93
80) Benzo(a)anthracene	13.46	228	308300	41.64	nq	96
81) 3,3'-Dichlorobenzidine	13.44	252	47147	18.88	nq	# 95
82) Chrysene	13.50	228	238616	35.95	nq	96
83) Bis(2-ethylhexyl)phthalate	13.50	149	219037	44.31	nq	# 88
84) Di-n-octyl phthalate	14.10	149	307731	37.81	nq	95
85) Indeno(1,2,3-cd)pyrene	15.86	276	247547	50.83	nq	# 87
87) Benzo(b)fluoranthene	14.46	252	304389m	47.40	nq	
88) Benzo(k)fluoranthene	14.48	252	171421m	32.17	nq	
89) Benzo(a)pyrene	14.73	252	226482	41.62	nq	# 87
90) Dibenzo(a,h)anthracene	15.87	278	203436	48.38	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	210801	52.53	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01MS

Tot Ion:152 Resp: 53725

Ion Ratio Lower Upper

152 100

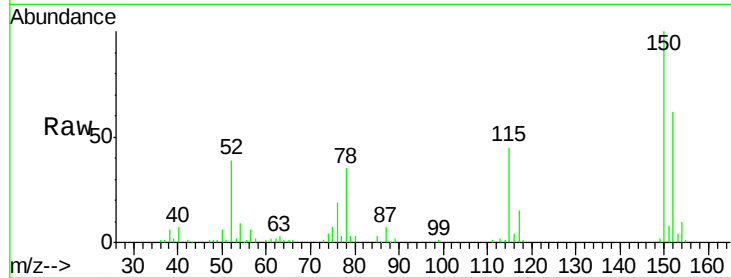
150 160.1 124.7 187.1

115 71.8 39.0 58.4#

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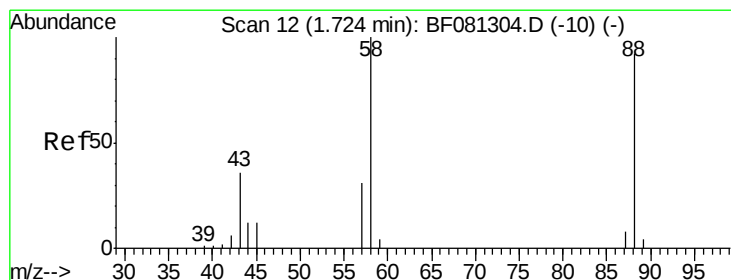
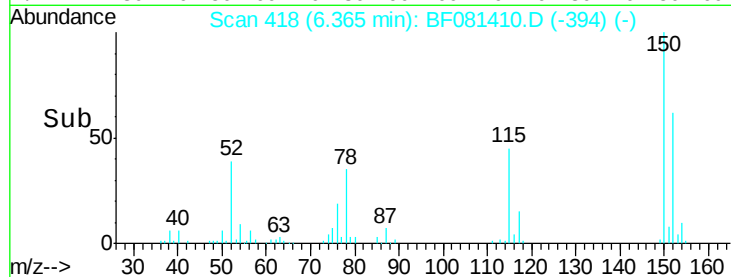
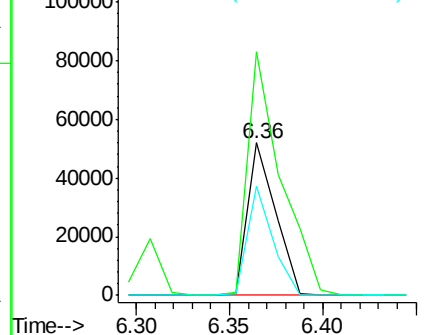
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.85 ng

RT: 1.75 min Scan# 14

Delta R.T. 0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

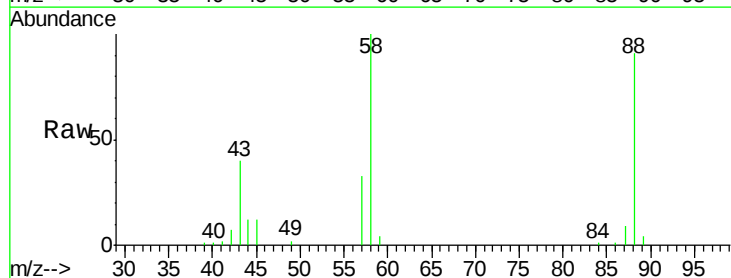
Tgt Ion: 88 Resp: 49536

Ion Ratio Lower Upper

88 100

58 104.0 77.7 116.5

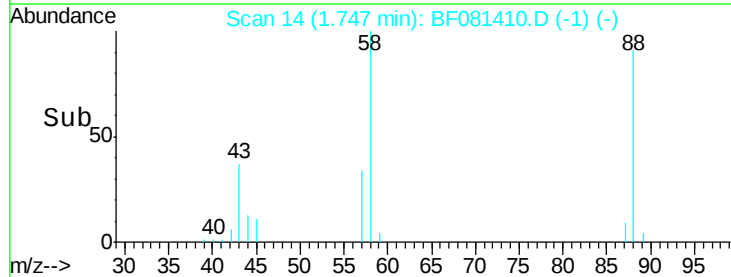
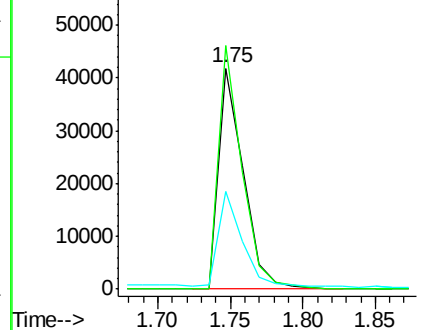
43 44.0 26.6 40.0#

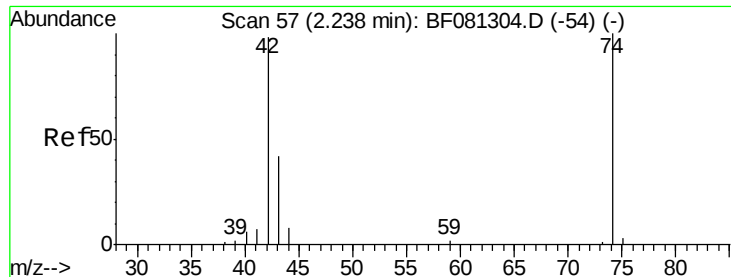


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

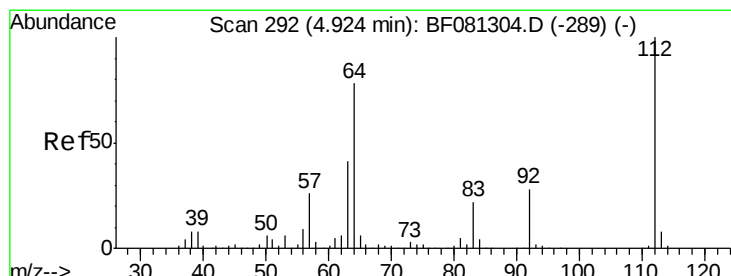
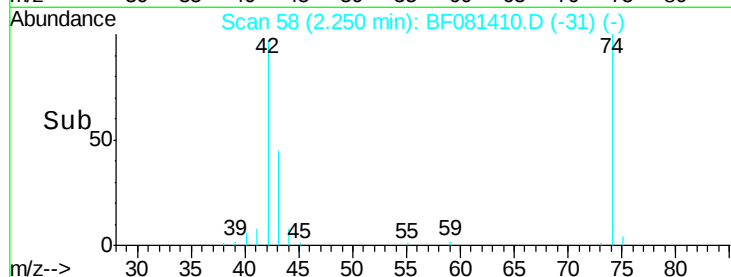
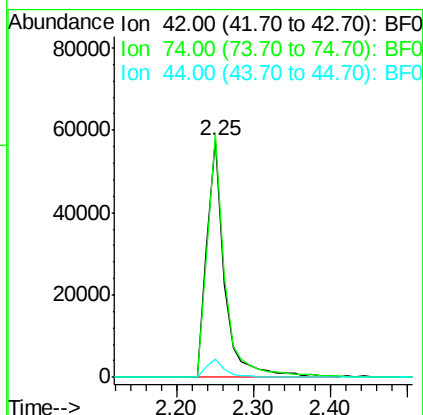
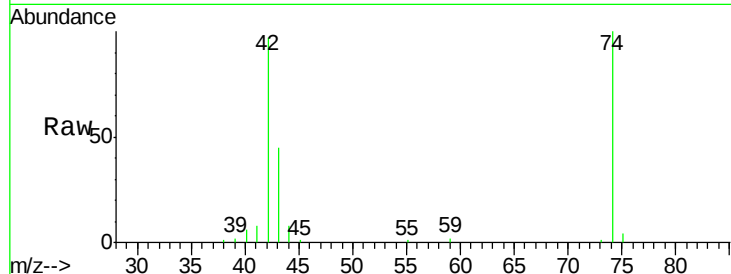
n-Nitrosodimethylamine
 Concen: 38.75 ng
 RT: 2.25 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	102.7	105.0	157.6#
44	7.9	6.6	10.0

Manual Integrations
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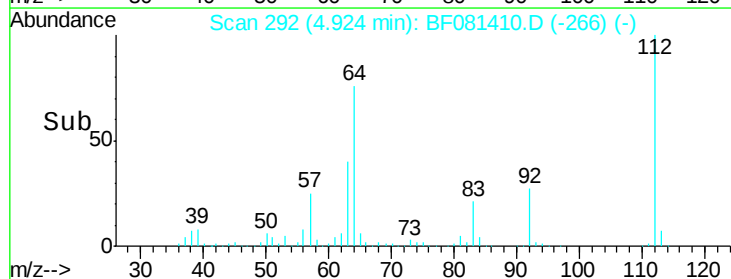
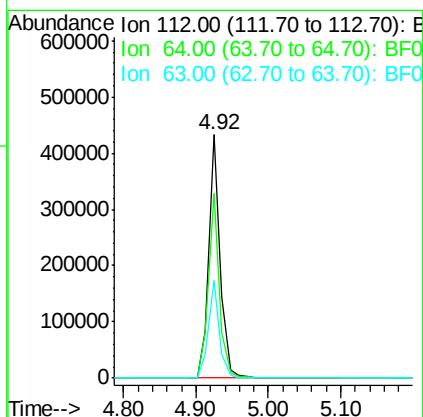
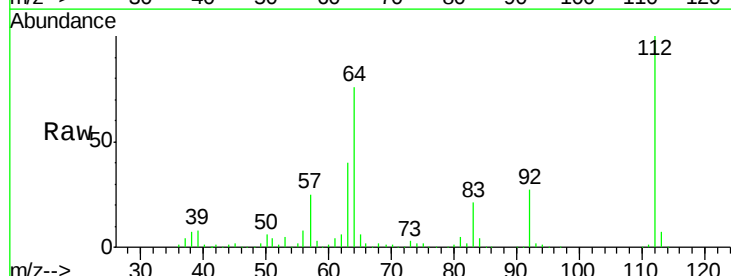
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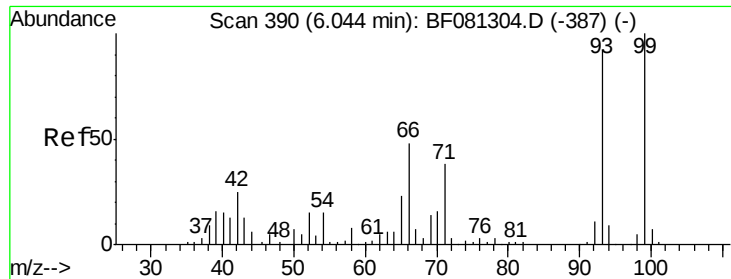


#5

2-Fluorophenol
 Concen: 136.94 ng
 RT: 4.92 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.8	39.7	59.5#
63	40.1	17.4	26.0#





#6

Aniline

Concen: 9.05 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

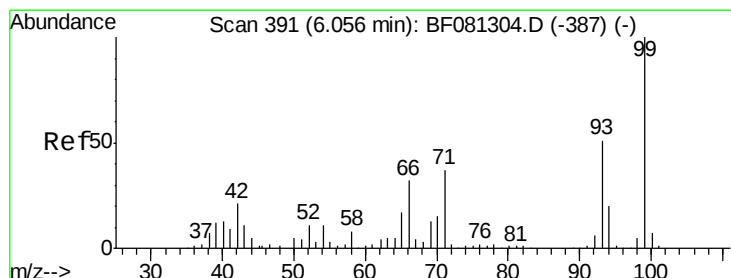
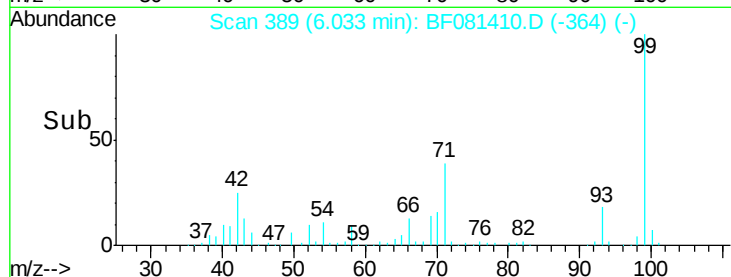
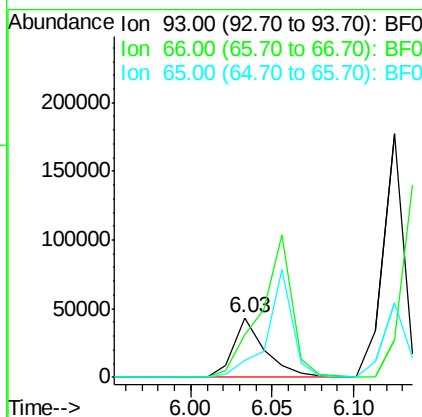
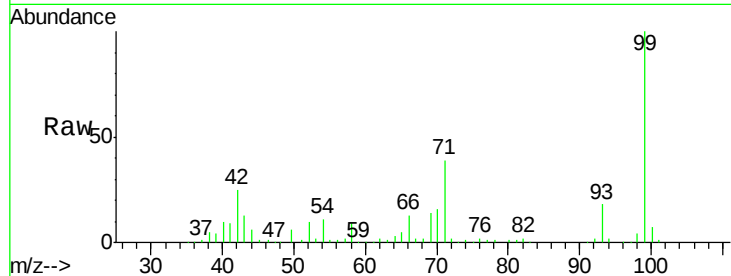
ClientSampleId :

P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
66	71.8	27.2	40.8#
65	29.2	14.7	22.1#

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#7

Phenol-d6

Concen: 139.45 ng

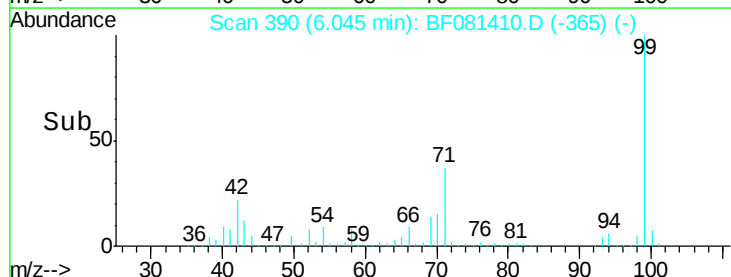
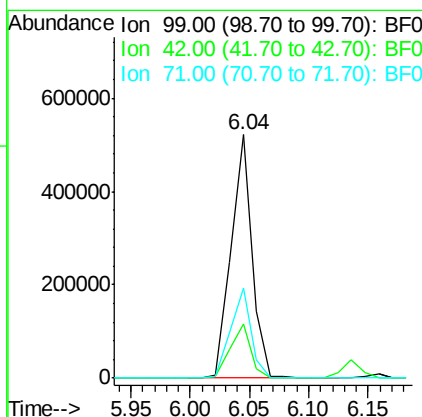
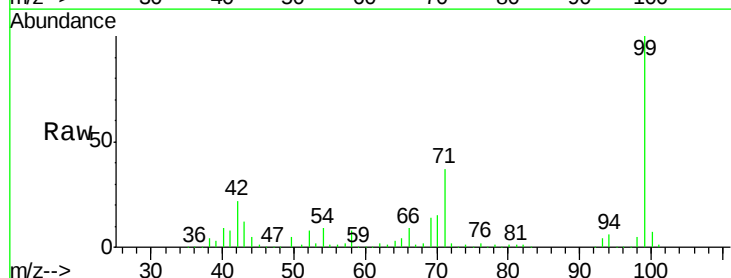
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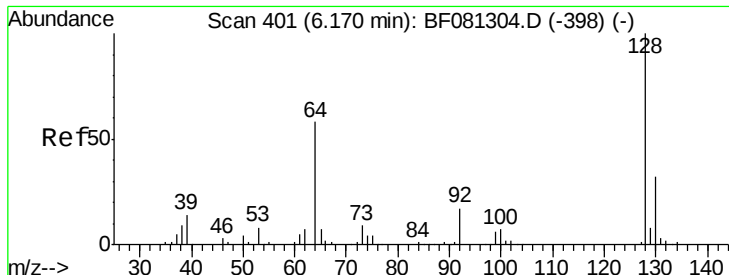
Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.7	20.5#
71	37.1	14.2	21.2#





#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

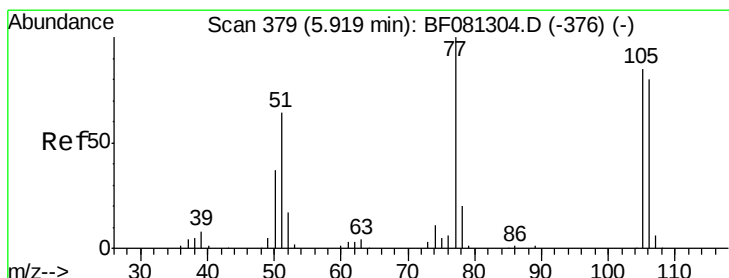
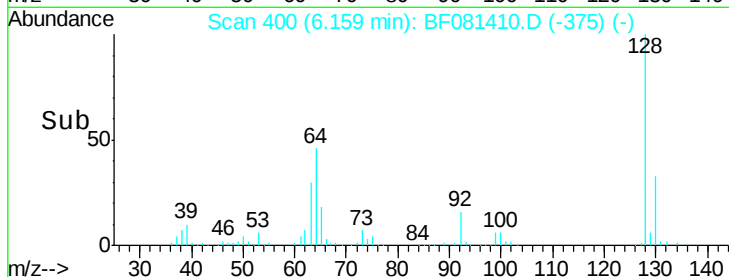
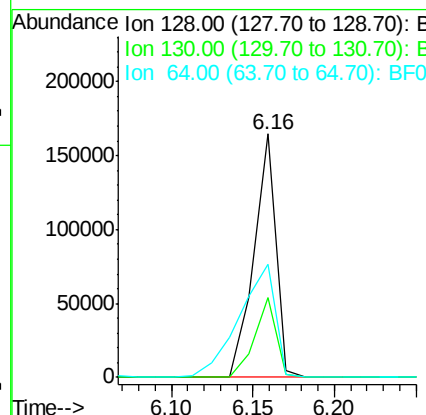
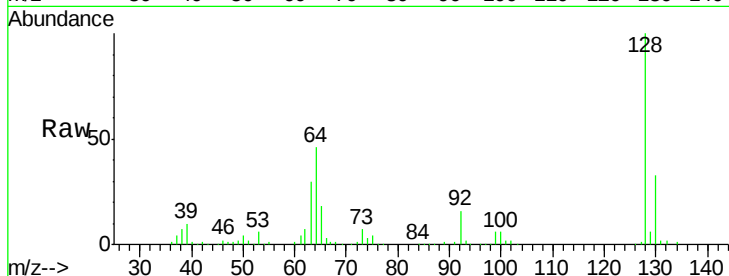
ClientSampleId :

P005-BF001-01MS

Tot Ion:	128	Resp:	153969
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.2	52.2
64	46.5	20.5	60.5

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#9

Benzaldehyde

Concen: 7.60 ng

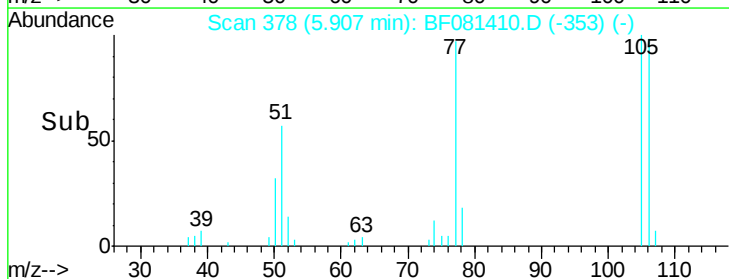
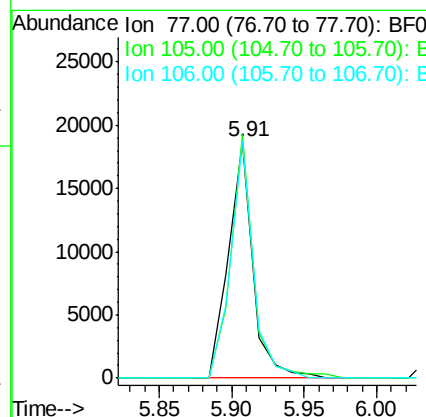
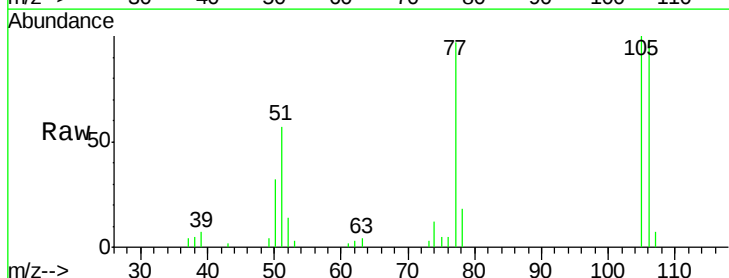
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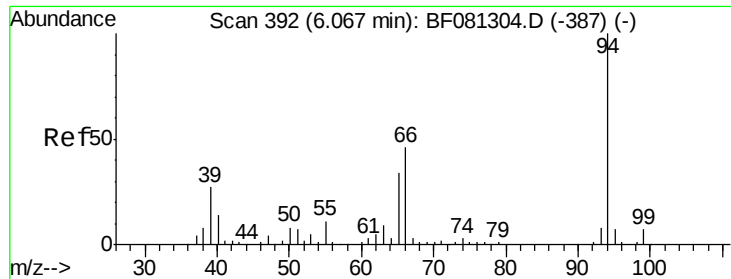
Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:	77	Resp:	21825
Ion Ratio	Lower	Upper	
77	100		
105	103.0	91.6	131.6
106	100.6	102.6	142.6





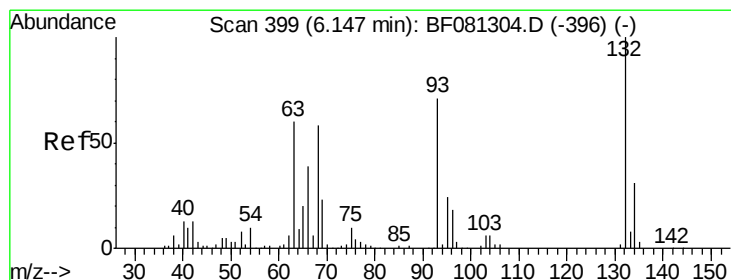
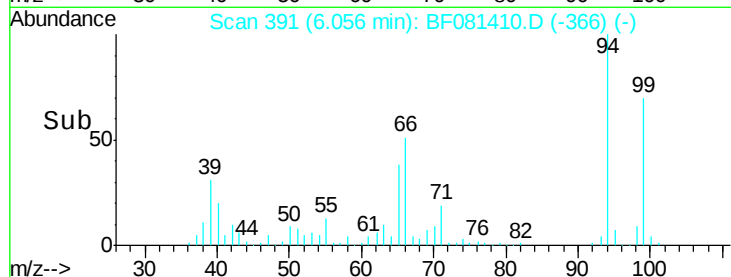
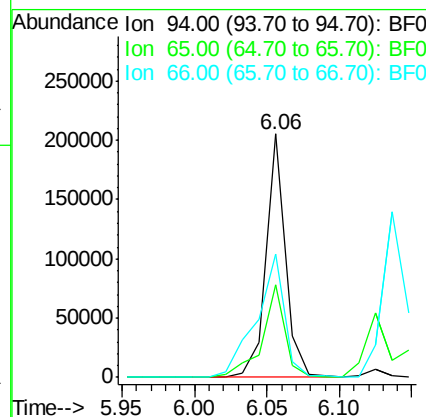
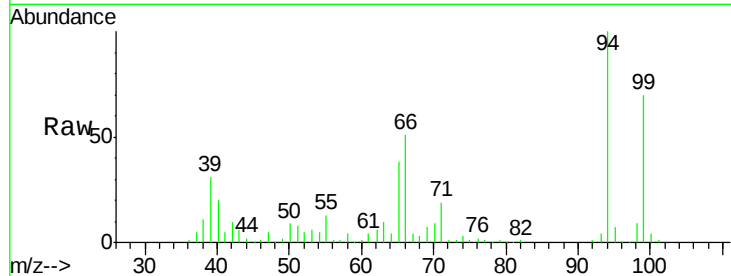
#10
Phenol
Concen: 36.17 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
94	100		
65	38.0	0.7	40.7
66	50.6	0.8	40.8#

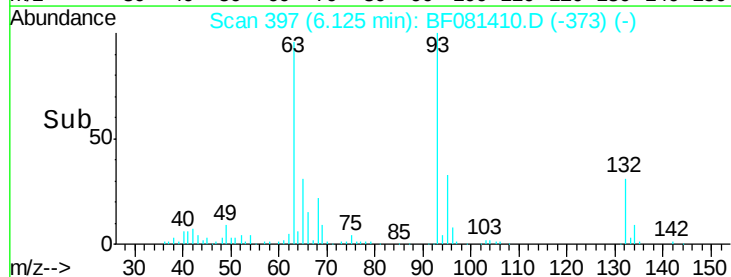
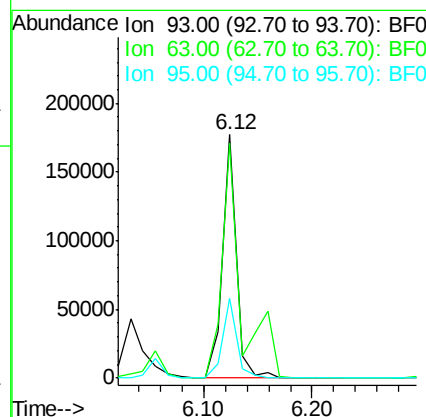
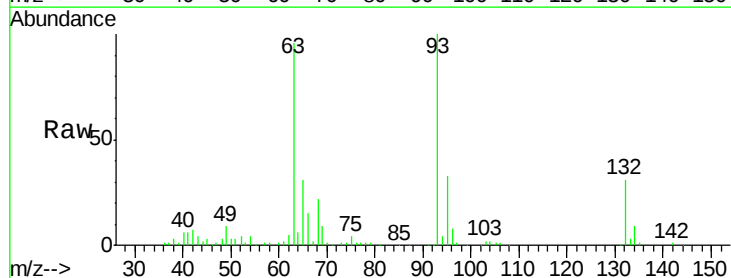
Manual Integrations
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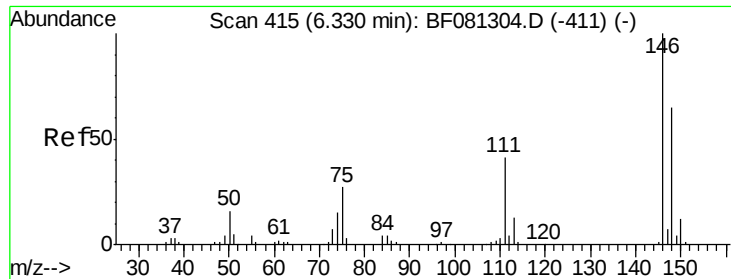
MMDadoda
9/4/2015 2:51:50 PM



#11
bis(2-Chloroethyl)ether
Concen: 42.18 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	96.3	65.6	105.6
95	32.7	13.6	53.6





#12

1,3-Dichlorobenzene

Concen: 39.83 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

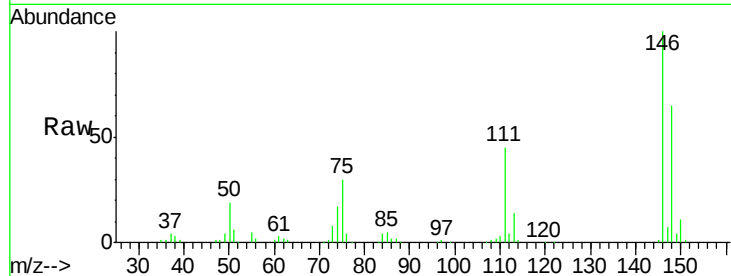
ClientSampleId :

P005-BF001-01MS

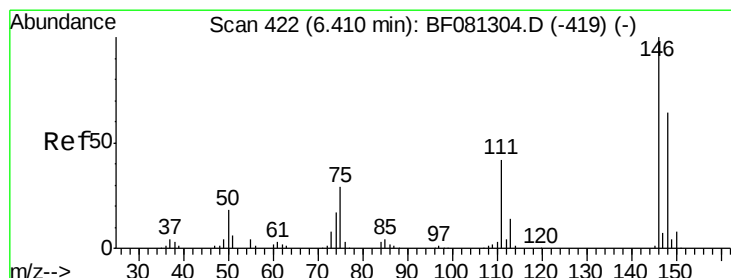
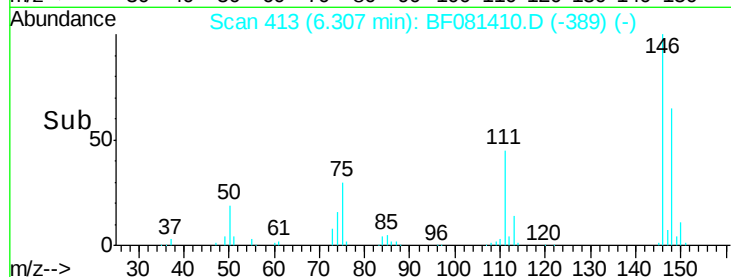
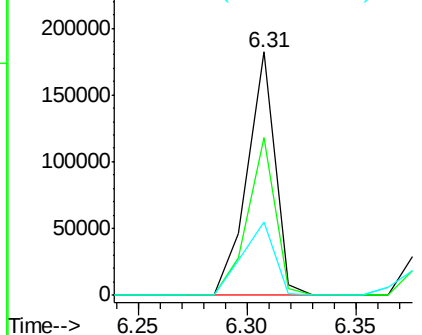
Tot Ion:	146	Resp:	162380
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.4
75	30.4	15.0	22.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 41.19 ng

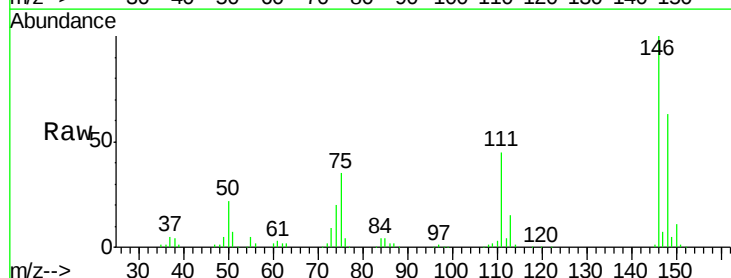
RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

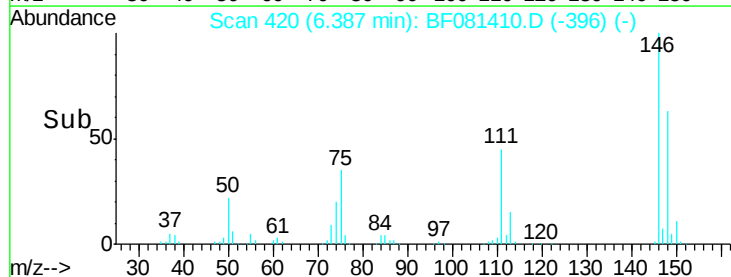
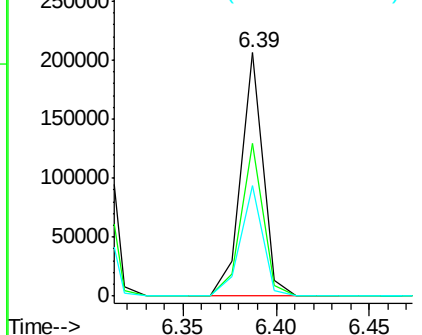
Lab File: BF081410.D

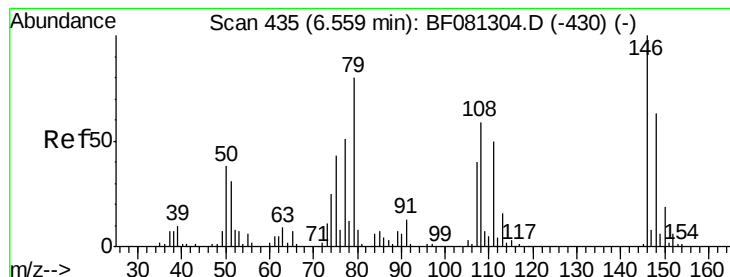
Acq: 4 Sep 2015 8:55

Tgt Ion:	146	Resp:	171001
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
111	45.2	24.9	37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





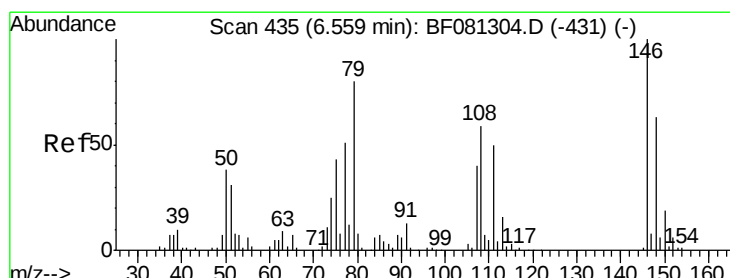
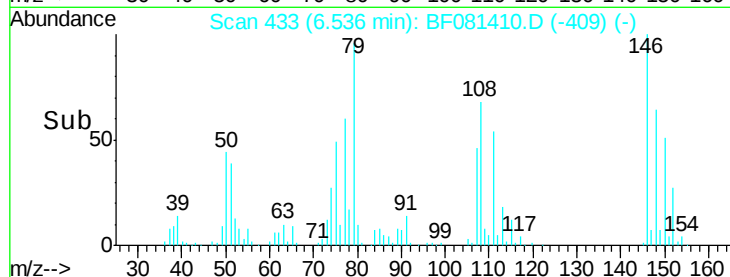
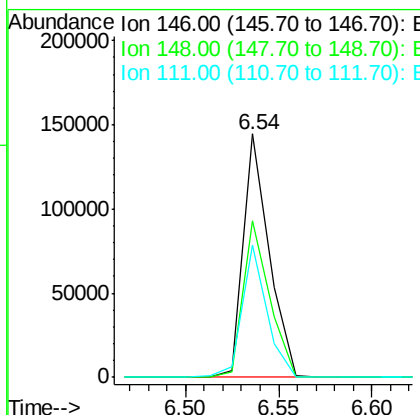
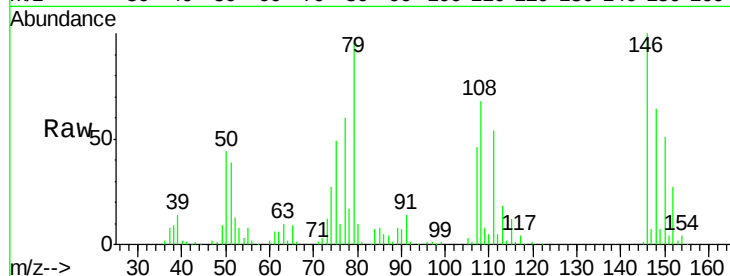
#14
1,2-Dichlorobenzene
Concen: 37.28 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	139321		
148	64.2	52.7	79.1	
111	54.2	28.8	43.2	

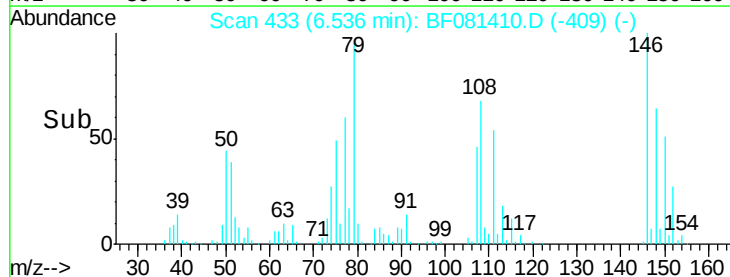
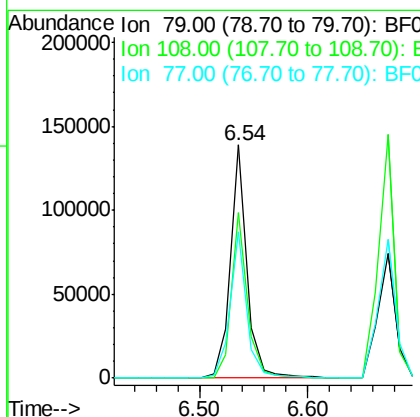
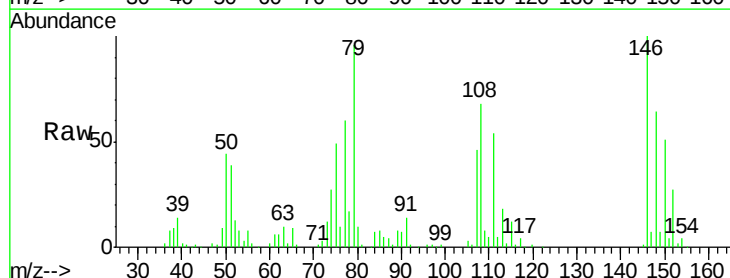
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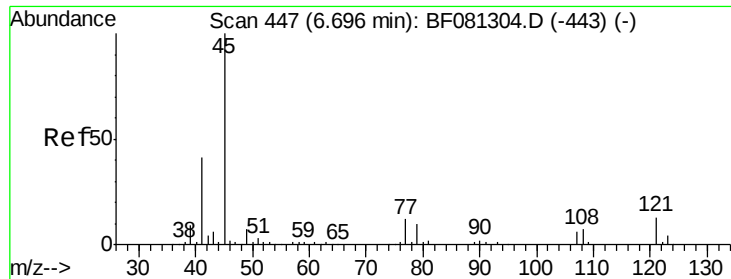
MMDadoda
9/4/2015 2:51:50 PM



#15
Benzyl Alcohol
Concen: 38.84 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	146046		
108	70.8	88.6	132.8	
77	62.8	47.0	70.4	





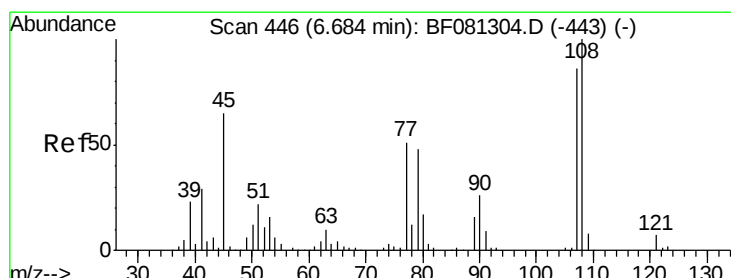
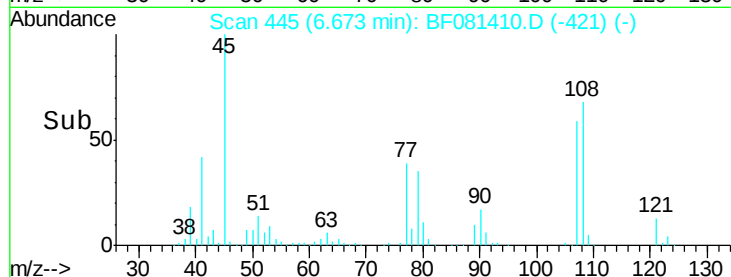
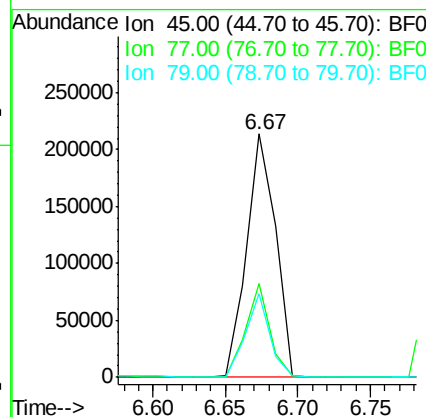
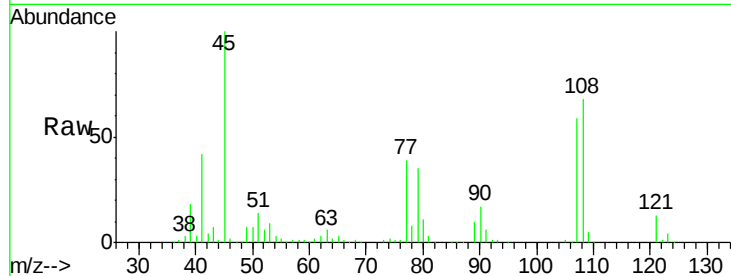
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.14 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	38.7	0.0	28.1#
79	34.6	0.0	26.0#

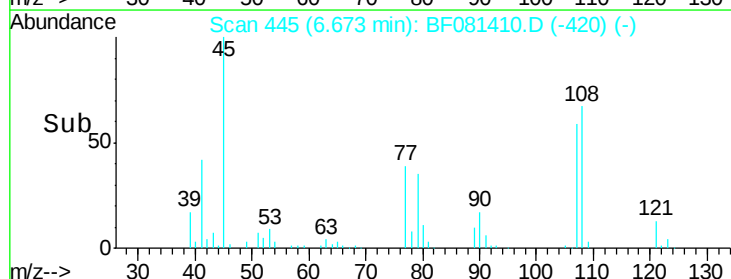
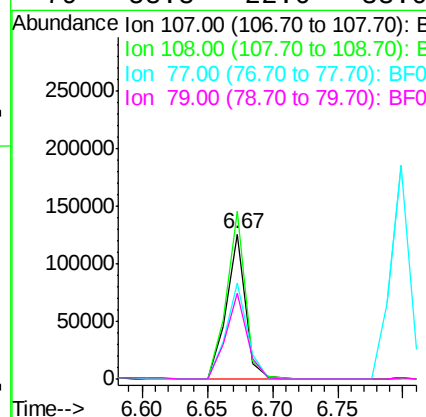
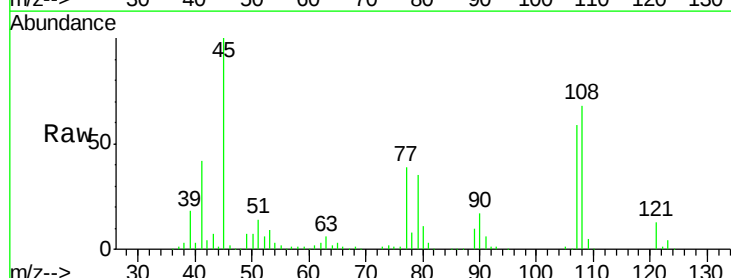
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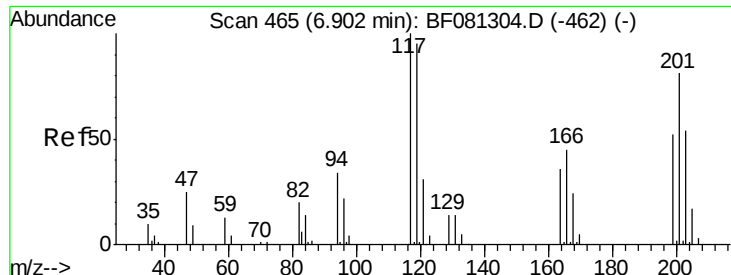
MMDadoda
9/4/2015 2:51:50 PM



#17
2-Methylphenol
Concen: 42.38 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	115.4	96.6	145.0
77	65.8	23.3	34.9#
79	58.8	22.0	33.0#





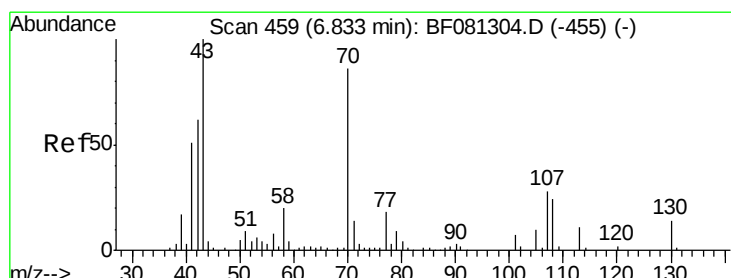
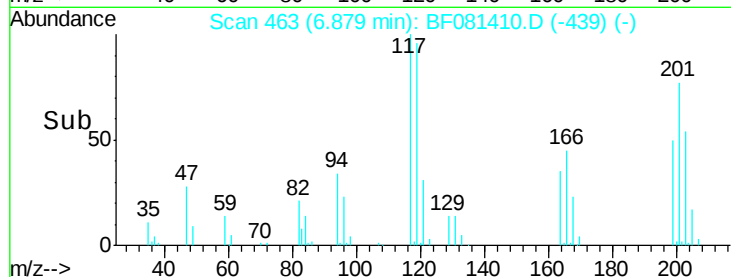
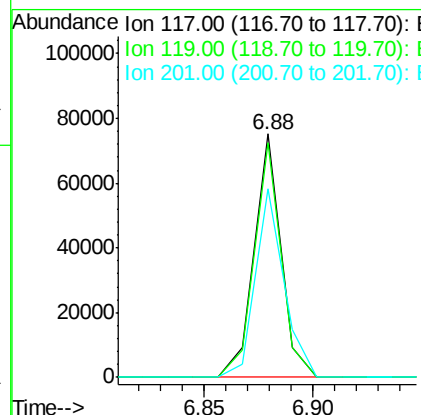
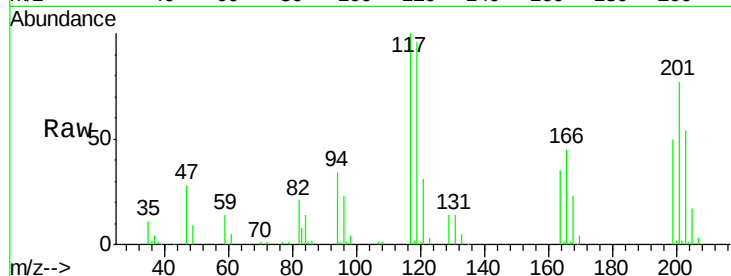
#18
Hexachloroethane
Concen: 39.78 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion:	117	Resp:	64250
Ion Ratio	Lower	Upper	
117	100		
119	96.3	83.8	125.6
201	77.4	55.1	82.7

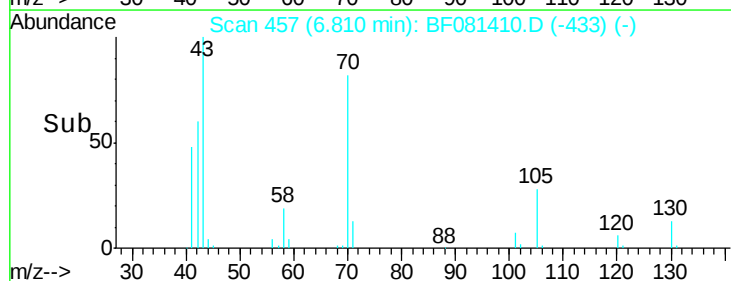
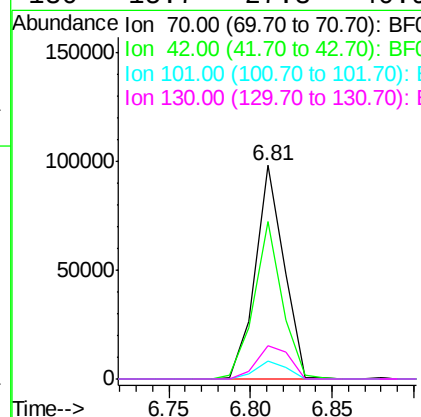
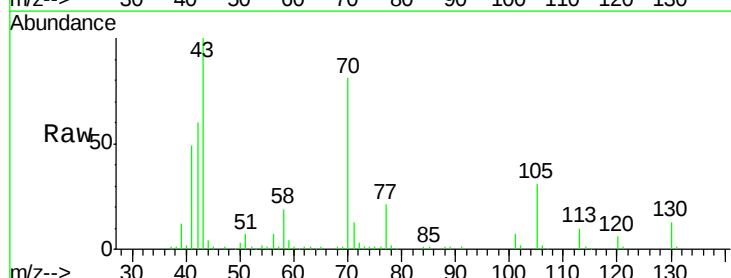
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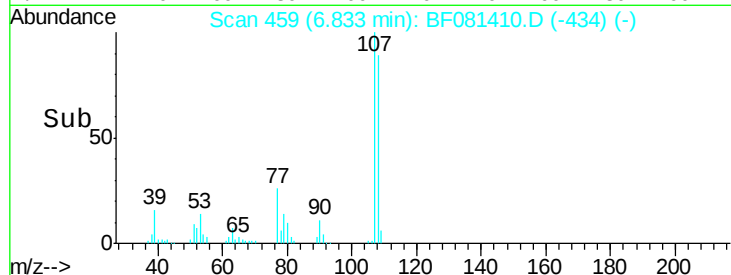
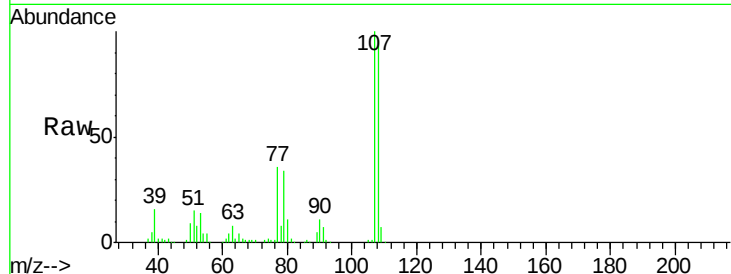
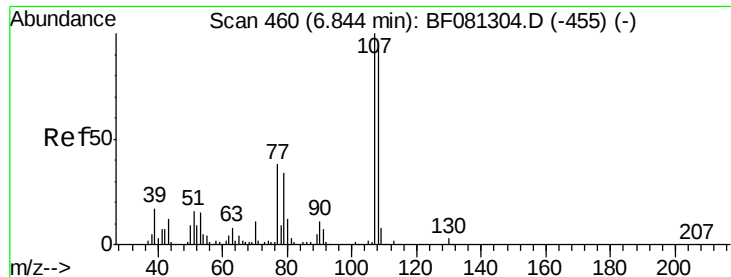
MMDadoda
9/4/2015 2:51:50 PM



#19
n-Nitroso-di-n-propylamine
Concen: 38.31 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

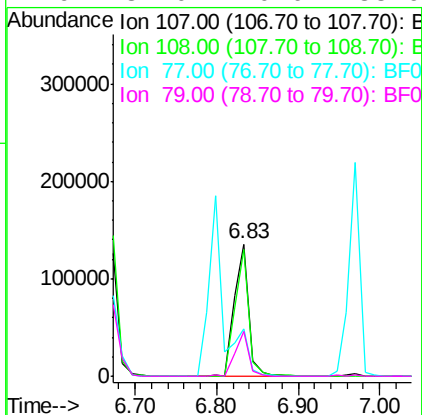
Tgt Ion:	70	Resp:	119523
Ion Ratio	Lower	Upper	
70	100		
42	74.0	63.8	95.6
101	8.2	9.2	13.8#
130	15.7	27.3	40.9#





#20
3+4-Methylphenols
Concen: 40.93 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

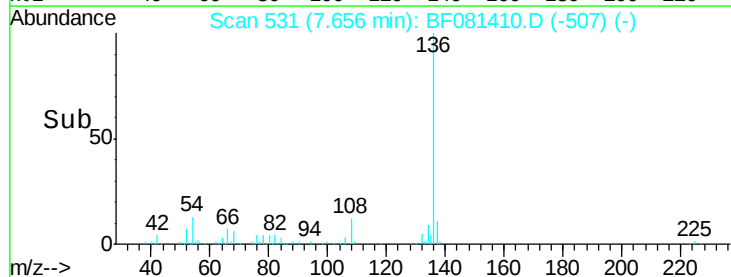
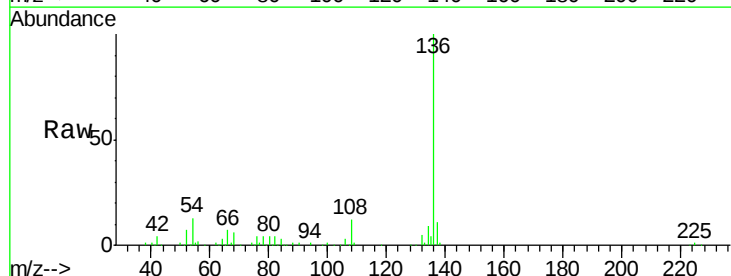
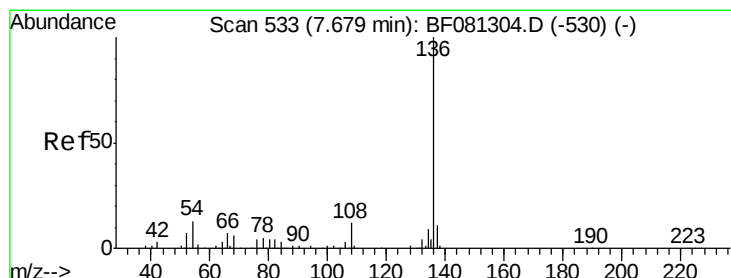
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	168012		
108	108	96.0	74.6	114.6	
77	77	35.6	0.7	40.7	
79	79	34.0	0.0	38.9	



Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

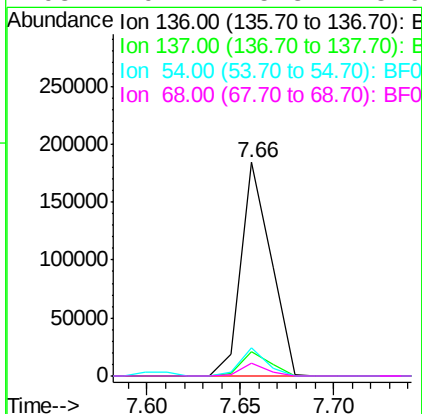
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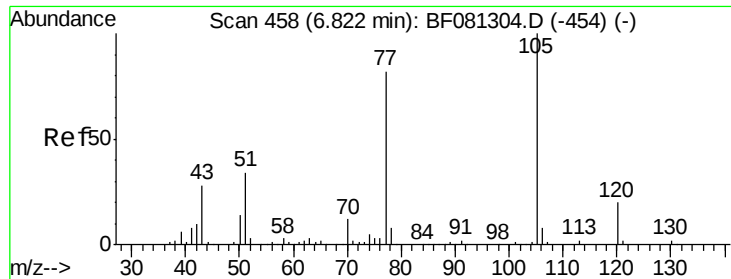
MMDadoda
9/4/2015 2:51:50 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	204069		
137	137	11.4	9.0	13.6	
54	54	13.2	8.2	12.2#	
68	68	6.2	5.8	8.6	





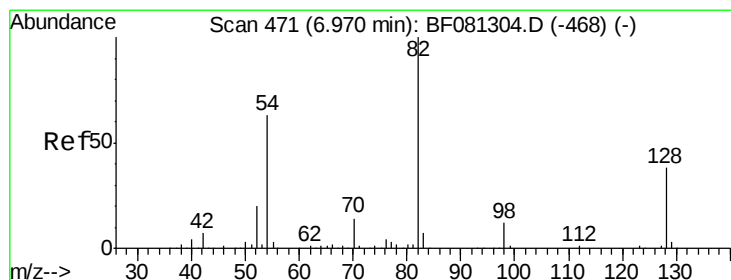
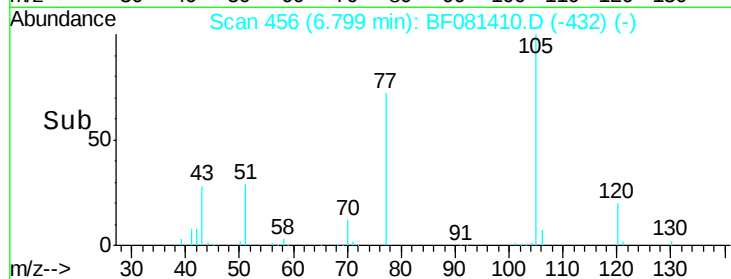
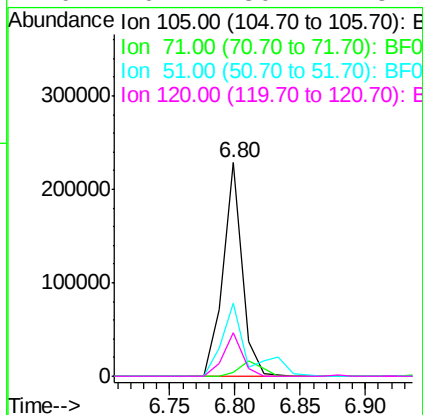
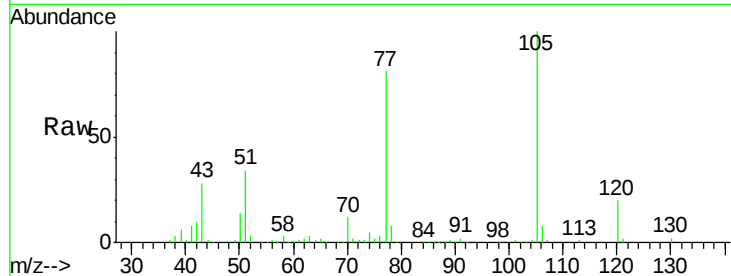
#22
Acetophenone
Concen: 42.16 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	2.0	4.7	7.1#
51	34.2	22.0	33.0#
120	20.4	30.1	45.1#

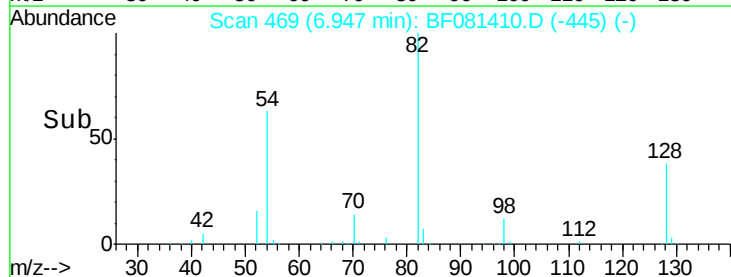
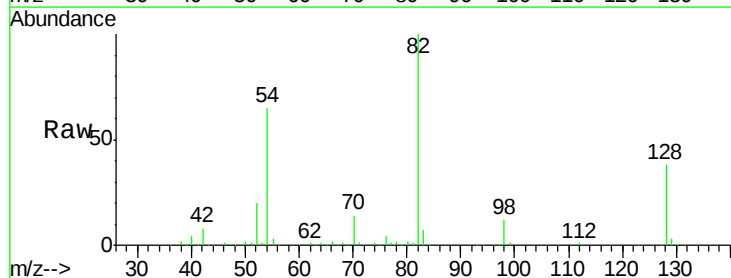
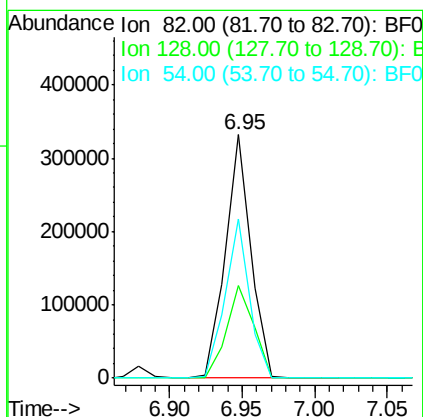
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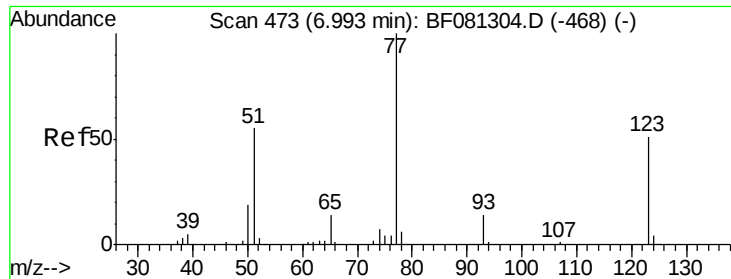
MMDadoda
9/4/2015 2:51:50 PM



#23
Nitrobenzene-d5
Concen: 95.49 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.9	51.0	76.6#
54	65.4	47.5	71.3





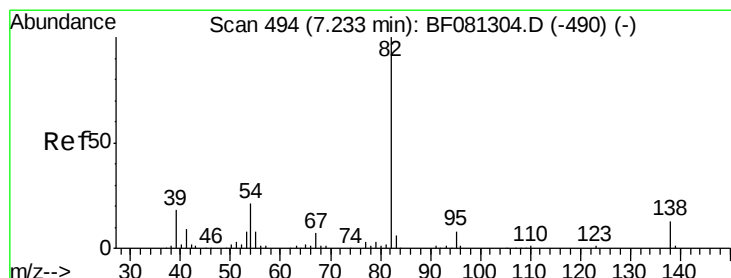
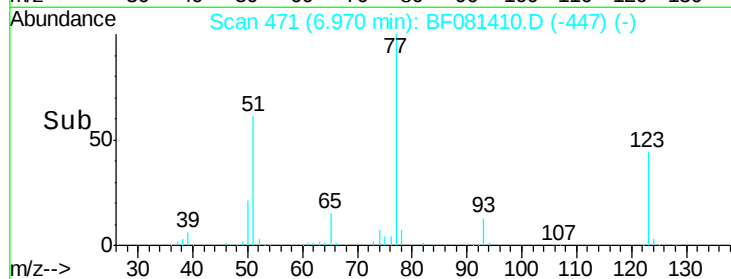
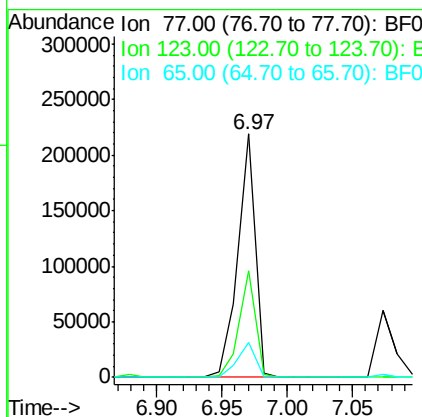
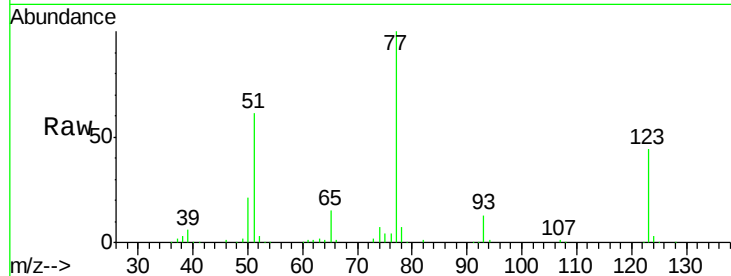
#24
Nitrobenzene
Concen: 46.35 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
77	100		
123	43.6	59.8	89.8#
65	14.6	10.2	15.4

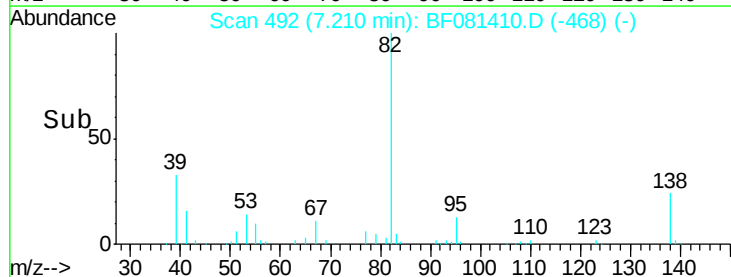
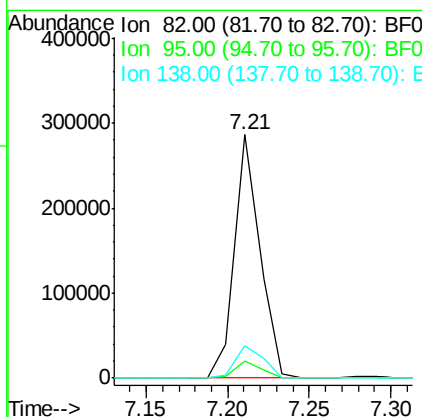
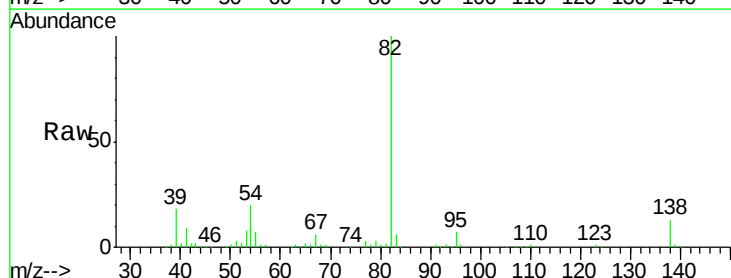
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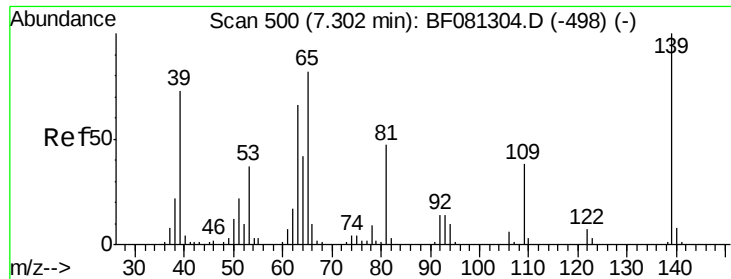
MMDadoda
9/4/2015 2:51:50 PM



#25
Isophorone
Concen: 39.10 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	6.9	4.0	6.0#
138	13.4	18.3	27.5#





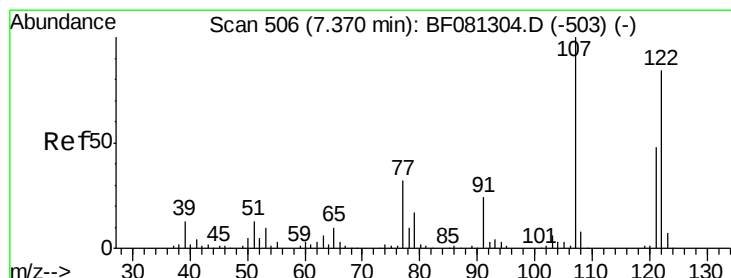
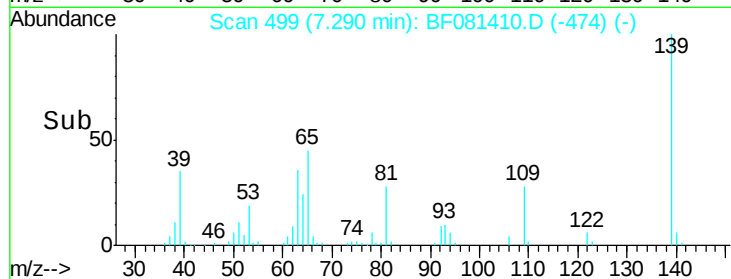
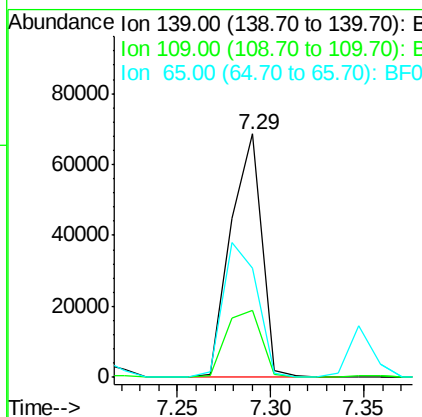
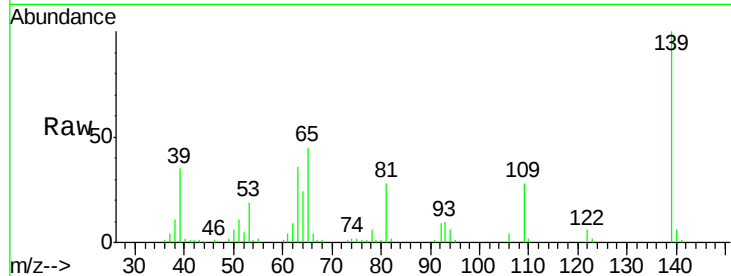
#26
 2-Nitrophenol
 Concen: 41.86 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.7	11.0	16.4	#
65	44.6	24.7	37.1	#

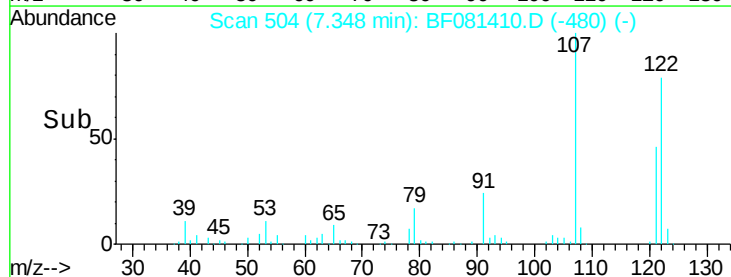
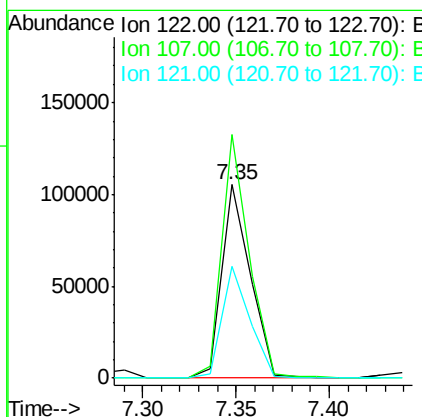
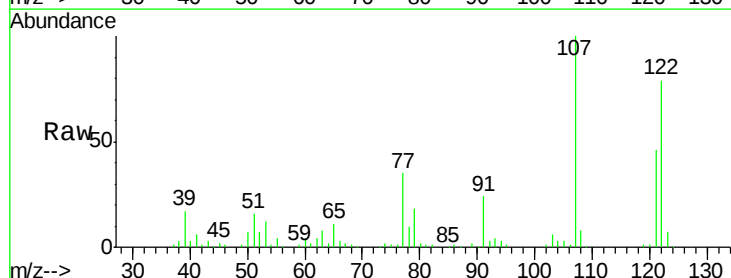
Manual Integrations
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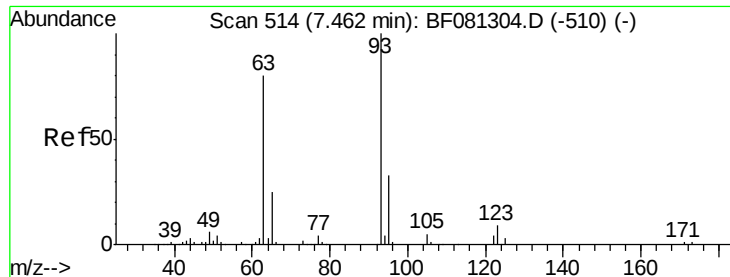
MMDadoda
 9/4/2015 2:51:50 PM



#27
 2,4-Dimethylphenol
 Concen: 34.27 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	126.1	71.8	107.6	#
121	57.7	42.3	63.5	#





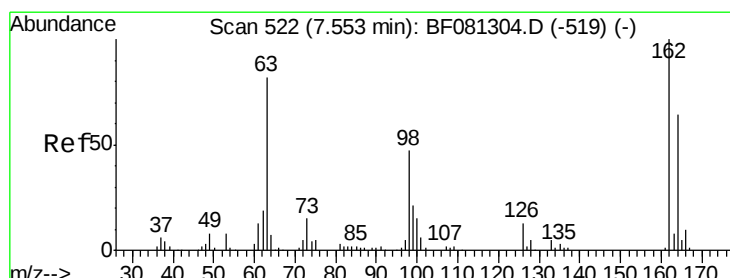
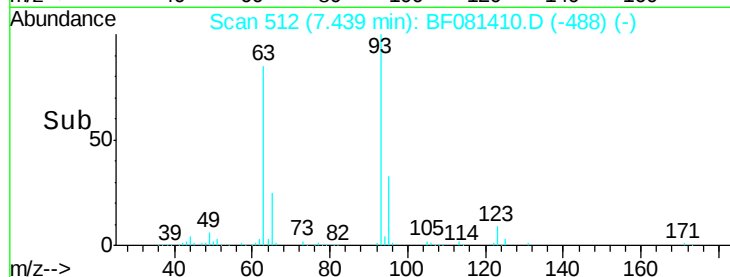
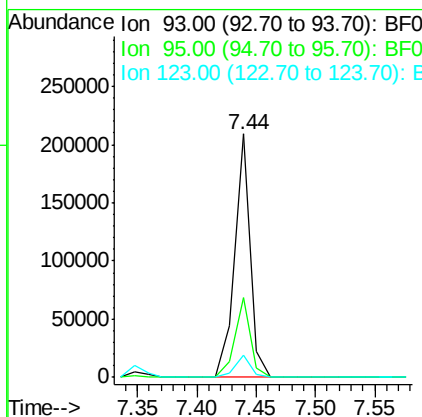
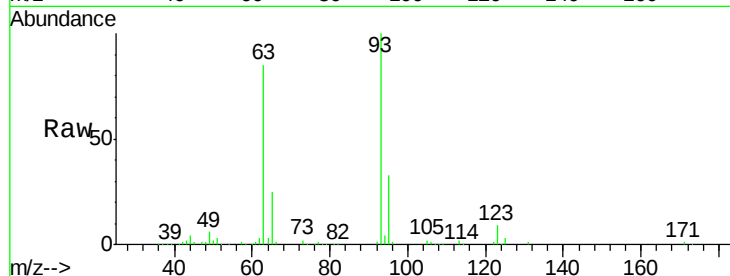
#28
bis(2-Chloroethoxy)methane
Concen: 42.05 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		191073		
95	32.9		27.5	41.3	
123	8.9		13.7	20.5	

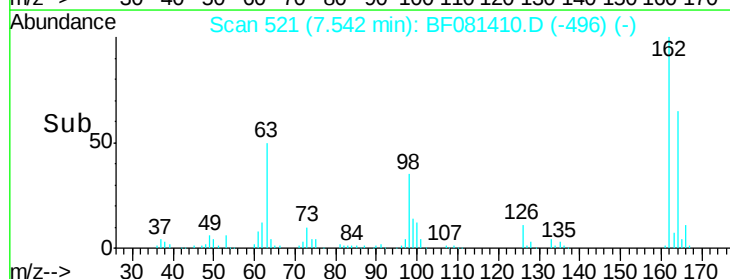
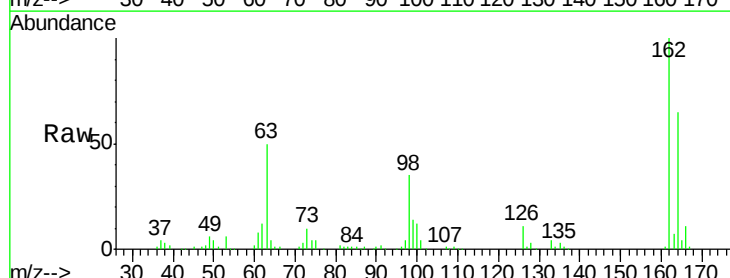
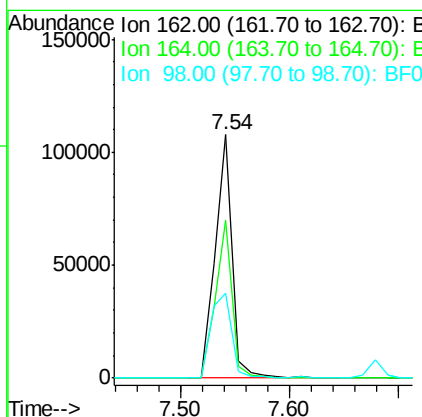
Manual Integrations
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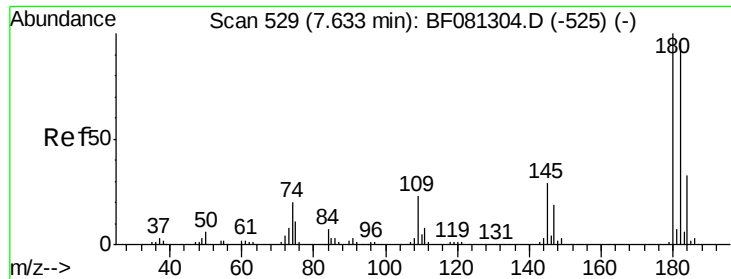
MMDadoda
9/4/2015 2:51:50 PM



#29
2,4-Dichlorophenol
Concen: 40.99 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		117533		
164	64.9		44.9	84.9	
98	34.9		13.0	53.0	





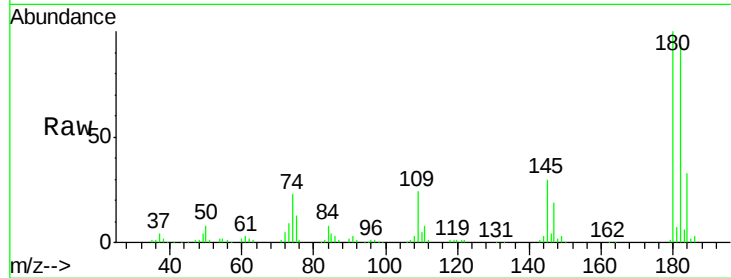
#30
 1,2,4-Trichlorobenzene
 Concen: 44.40 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

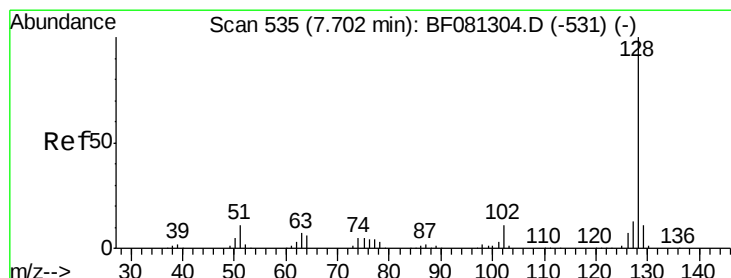
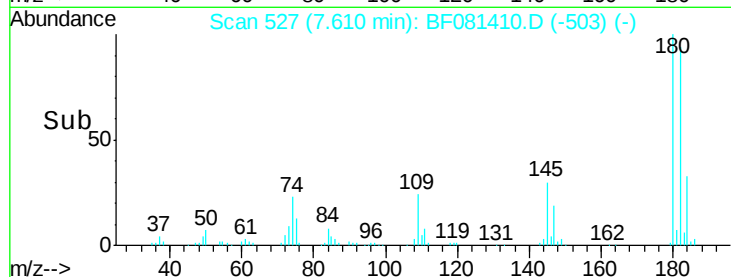
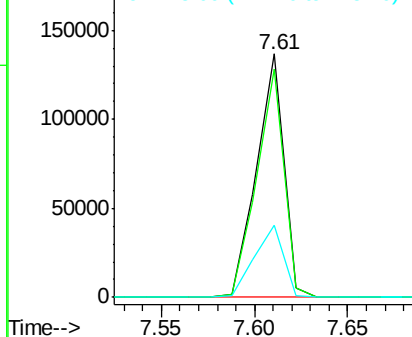
Tot Ion	Ratio	Resp	Lower	Upper
180	100	138315		
182	93.9	77.1	115.7	
145	29.5	23.3	34.9	

Manual Integrations
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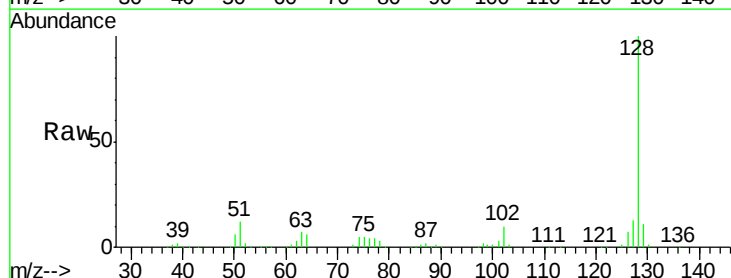


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

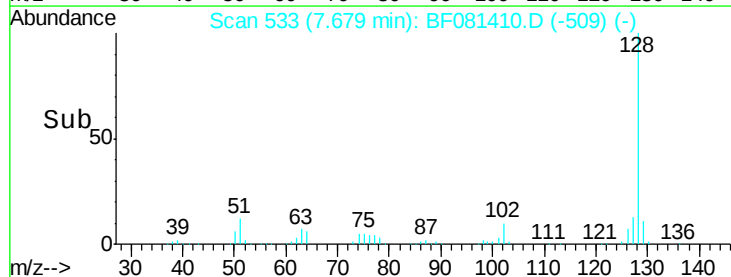
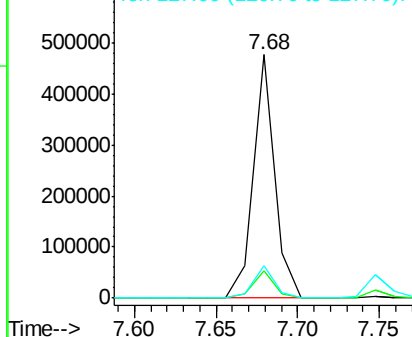


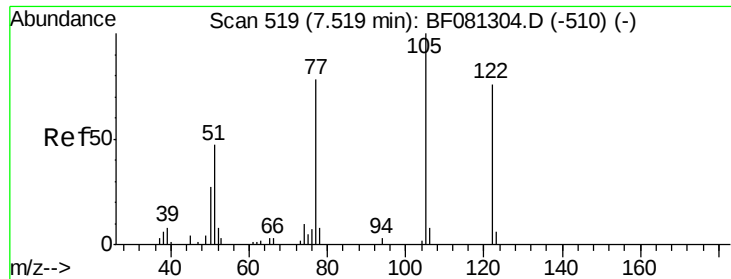
#31
 Naphthalene
 Concen: 39.87 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	433961		
129	11.3	8.4	12.6	
127	13.1	9.9	14.9	



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: 4.65 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.08 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

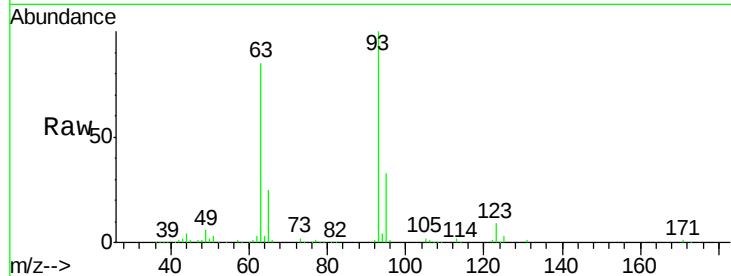
ClientSampleId :

P005-BF001-01MS

Tot Ion:	122	Resp:	5259
Ion Ratio	Lower	Upper	
122	100		
105	124.8	76.1	116.1#
77	100.1	40.5	80.5#

Manual Integrations
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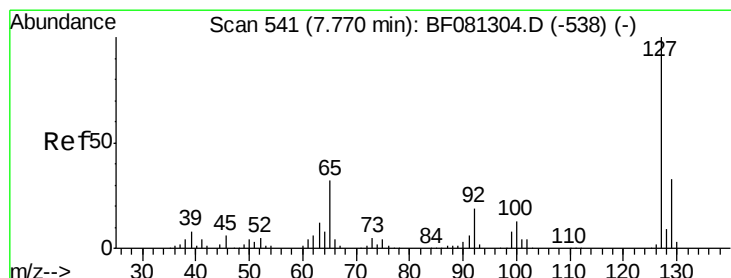
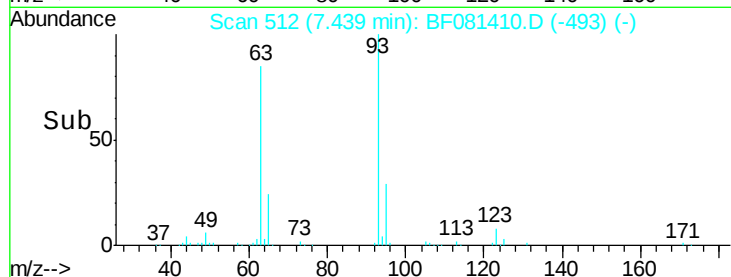
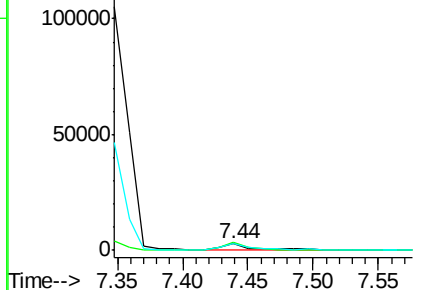
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 11.41 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

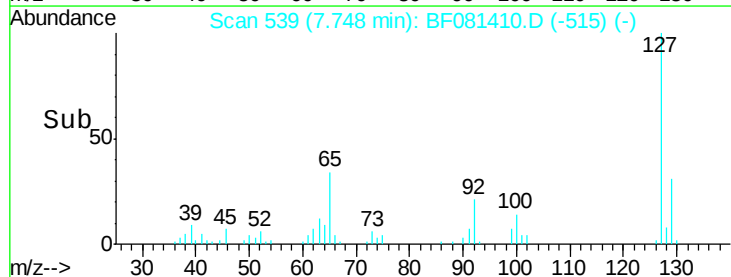
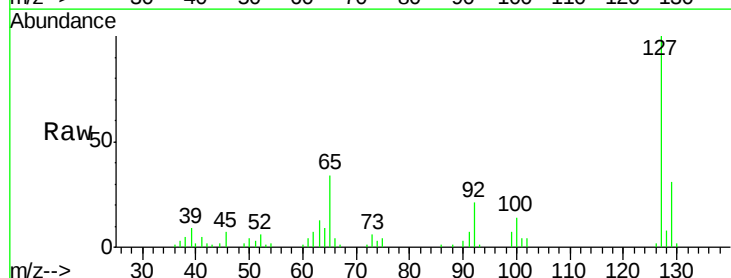
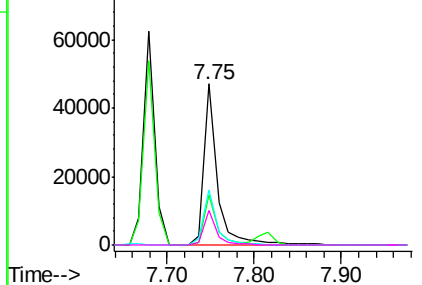
Tgt Ion:	127	Resp:	50659
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.8	38.6
65	34.5	17.9	26.9#
92	21.3	10.5	15.7#

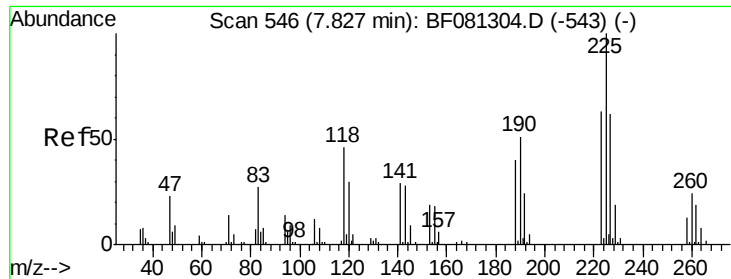
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





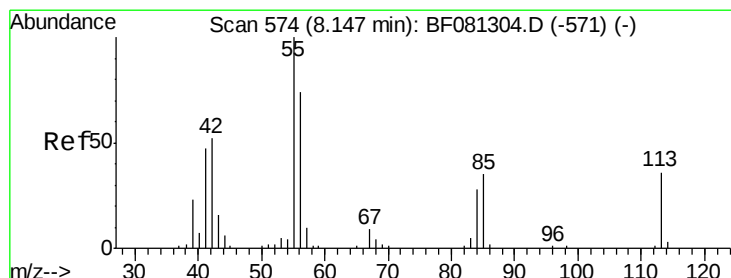
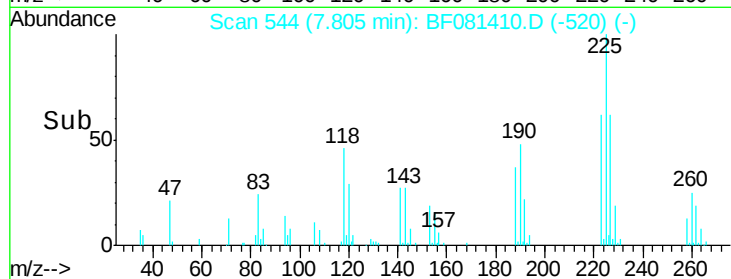
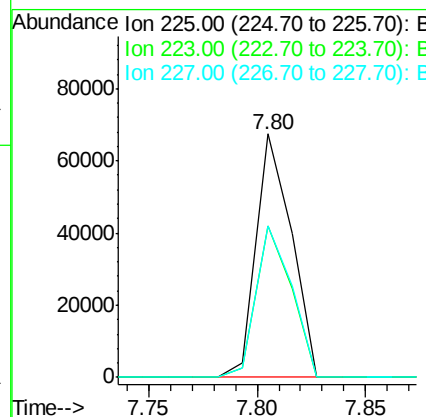
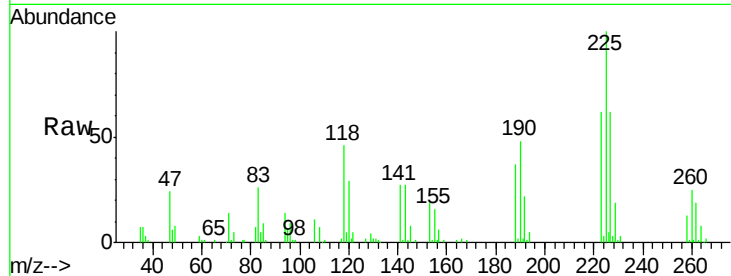
#34
Hexachlorobutadiene
Concen: 40.36 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	76518		
223	62.0		50.2	75.2
227	62.3		52.2	78.2

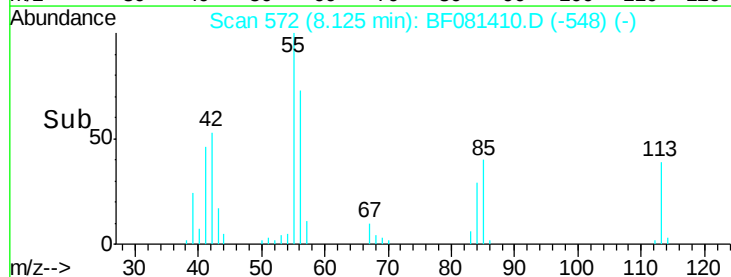
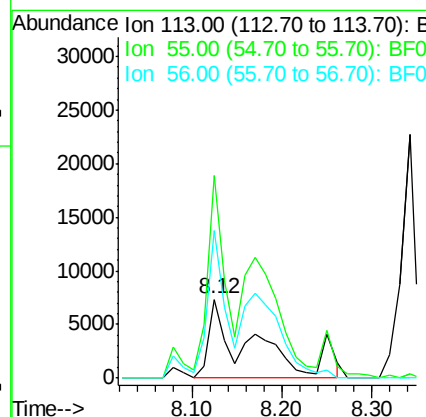
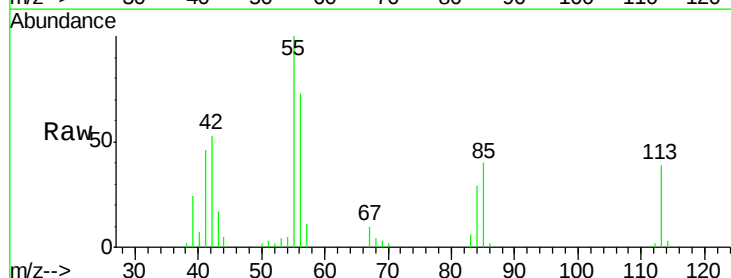
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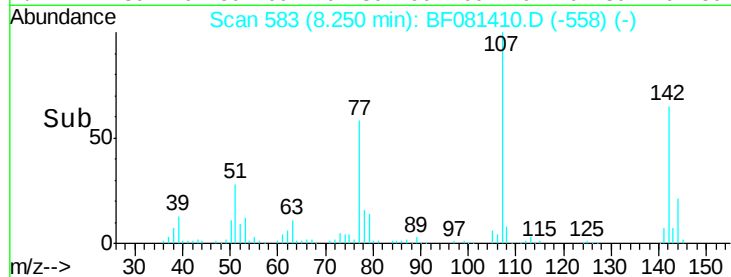
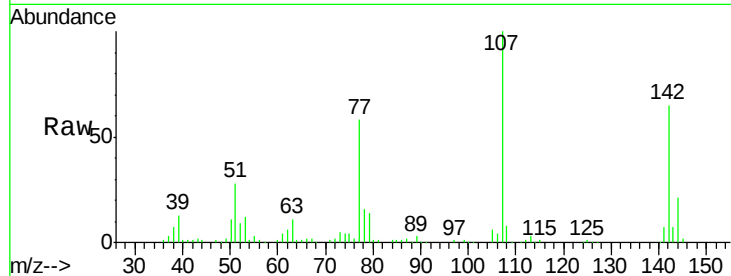
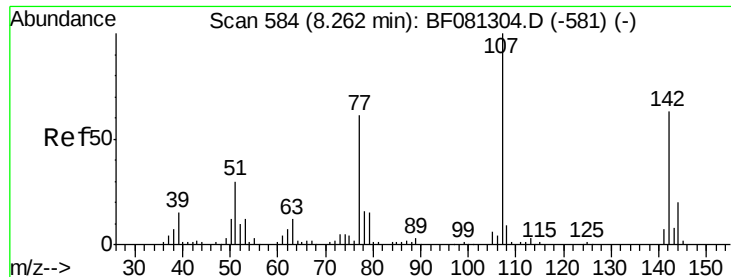
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#35
Caprolactam
Concen: 28.45 ng m
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	25022		
55	258.3		152.4	192.4#
56	188.0		104.6	144.6#





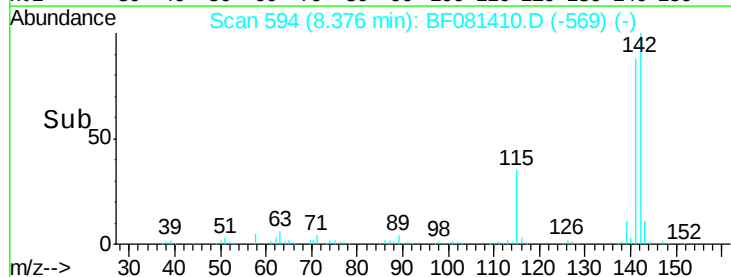
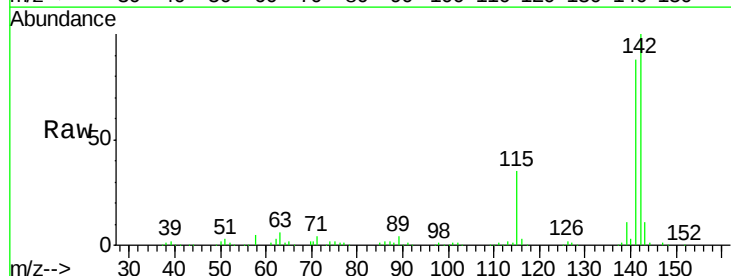
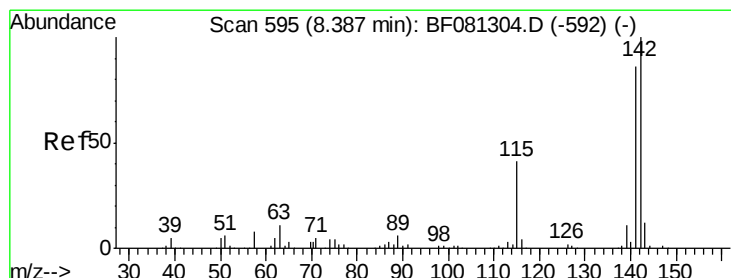
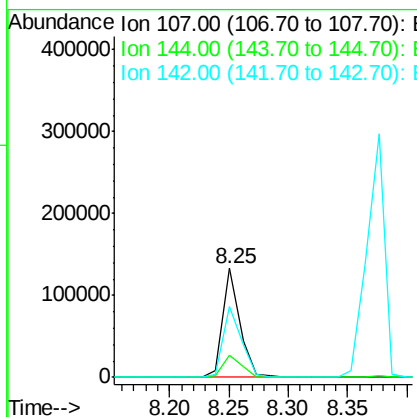
#36
4-Chloro-3-methylphenol
Concen: 40.92 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tot Ion	Ratio	Resp	Lower	Upper
107	100	131329		
144	20.9	25.4	38.0#	
142	65.1	77.3	115.9#	

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

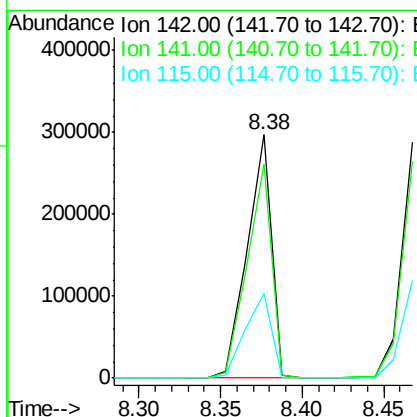
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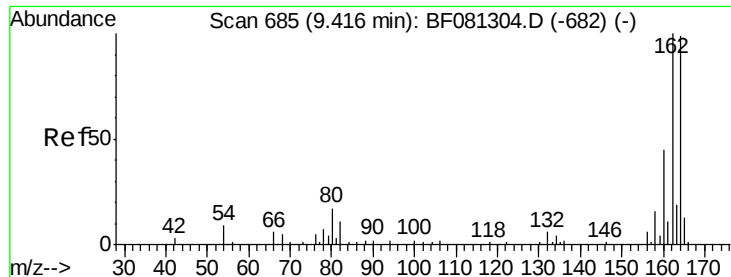
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#37
2-Methylnaphthalene
Concen: 43.42 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	307513		
141	88.0	67.5	101.3	
115	35.1	18.2	27.2#	





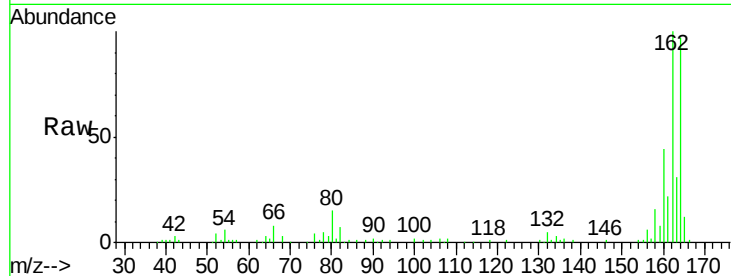
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

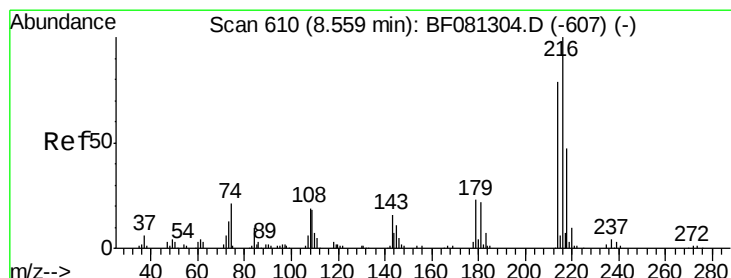
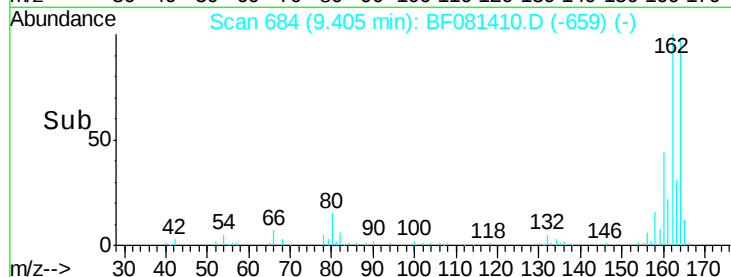
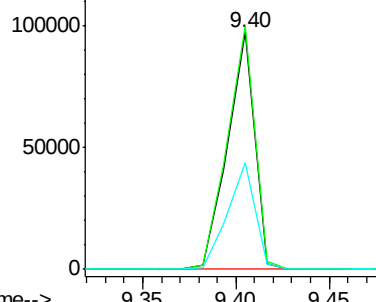
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	75.2	112.8
160	45.1	31.5	47.3

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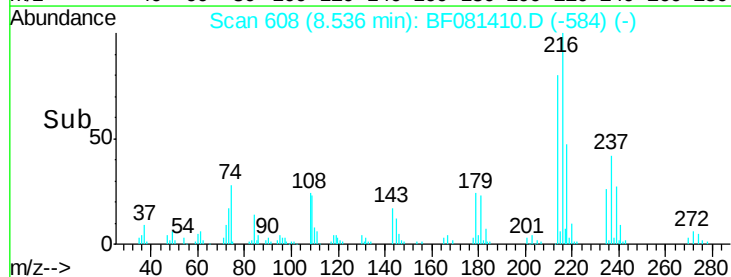
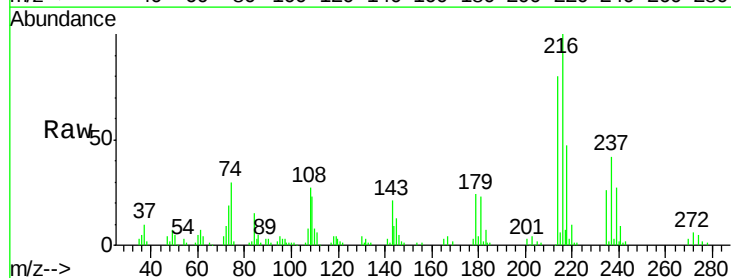
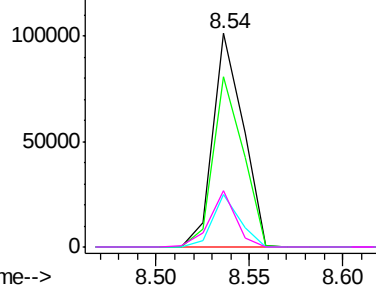
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

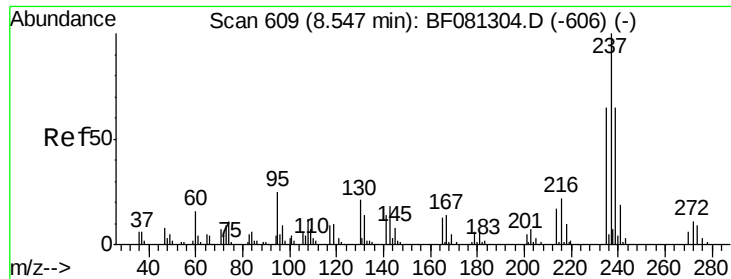


#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.18 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	22.2	16.6	24.8
108	22.9	16.3	24.5

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





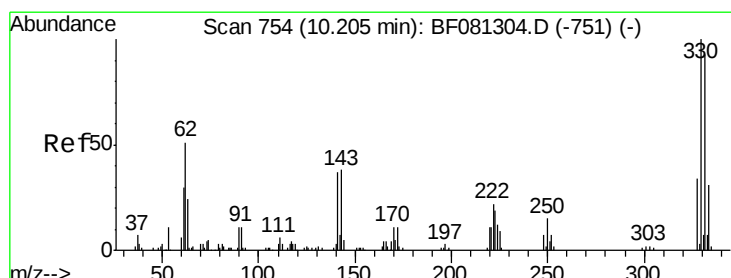
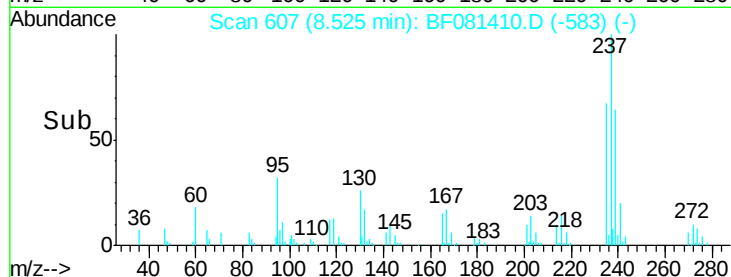
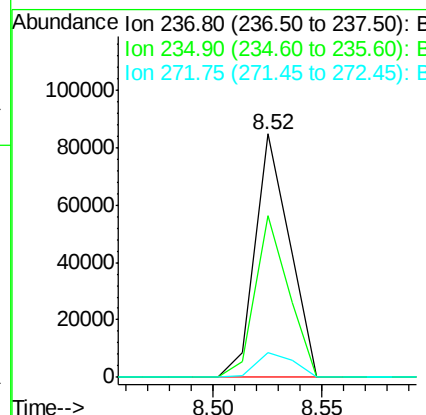
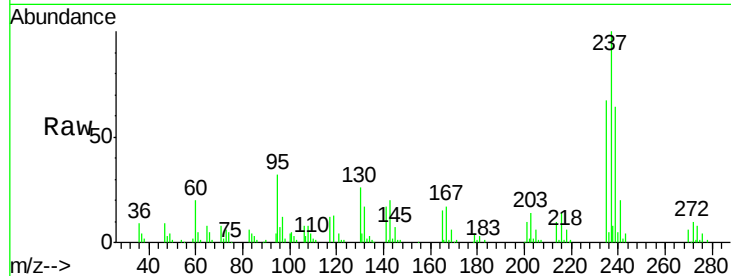
#40
Hexachlorocyclopentadiene
Concen: 61.57 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.6	42.0	82.0	
272	10.3	0.0	36.1	

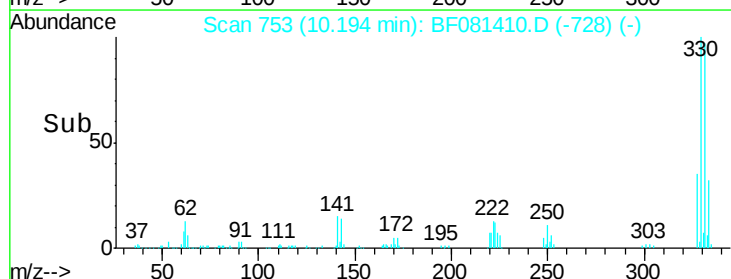
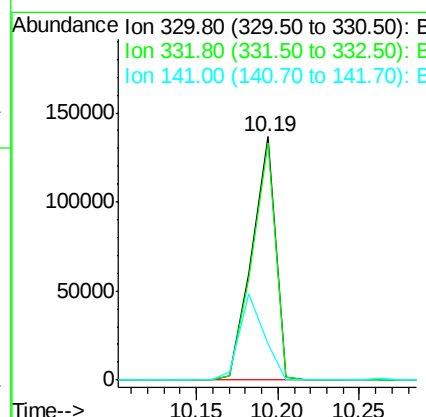
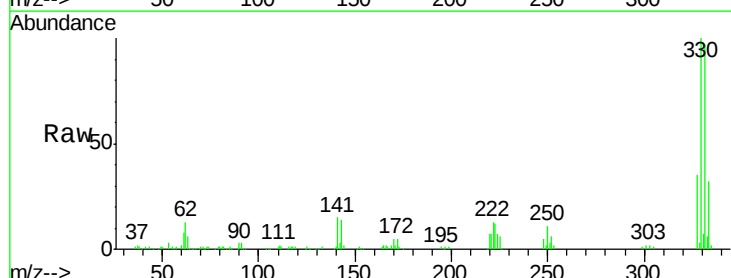
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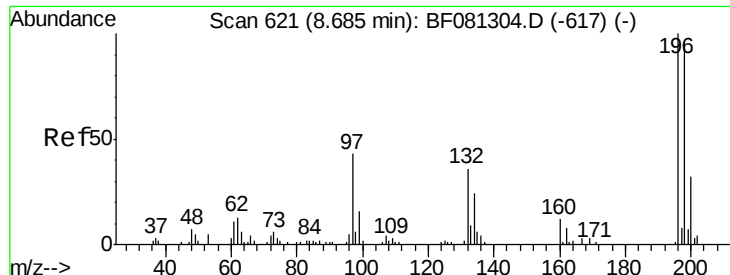
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#41
2,4,6-Tribromophenol
Concen: 159.31 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.6	114.8	
141	36.7	29.7	44.5	





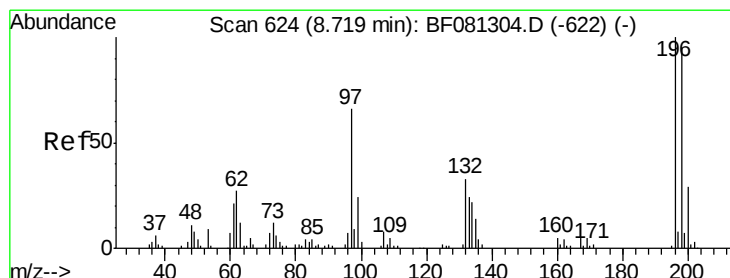
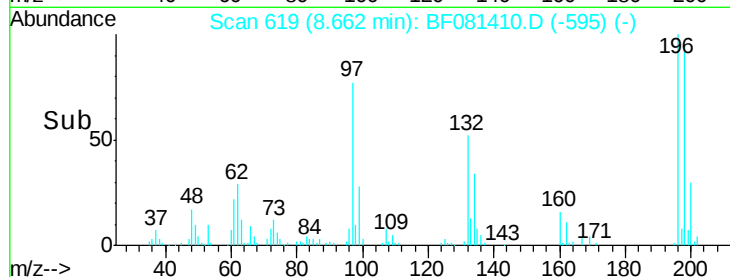
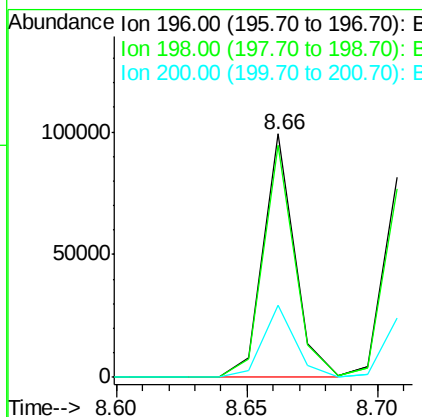
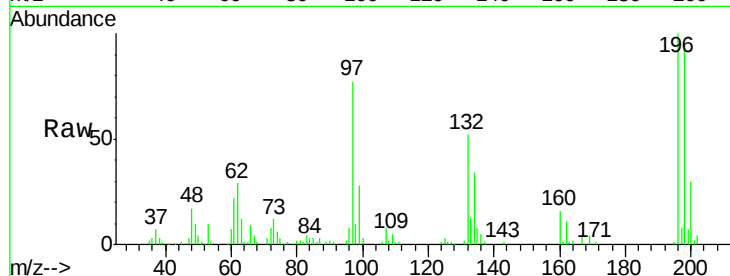
#42
 2,4,6-Trichlorophenol
 Concen: 39.20 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83464		
198	95.1	75.7	113.5	
200	29.5	23.9	35.9	

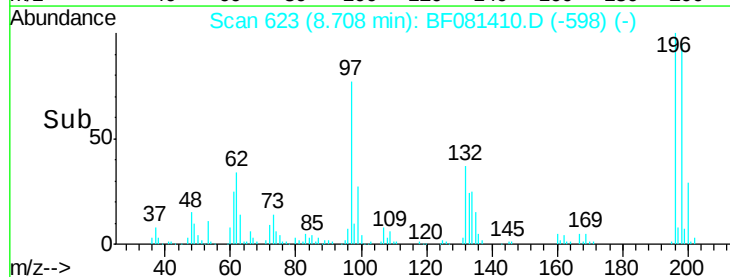
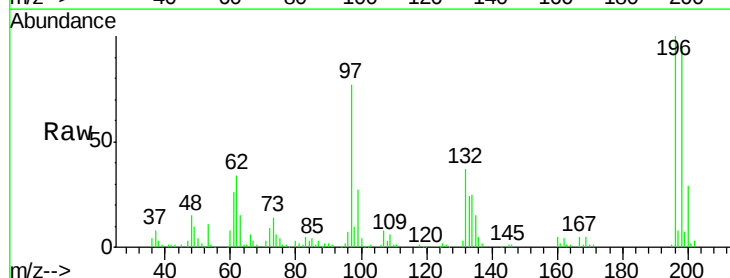
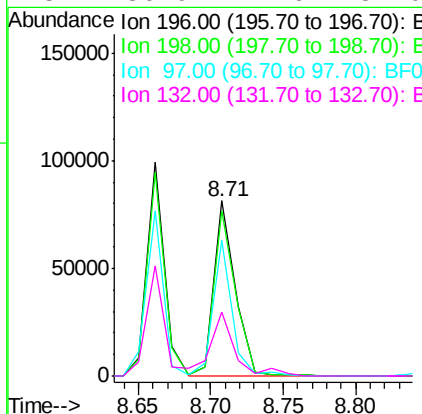
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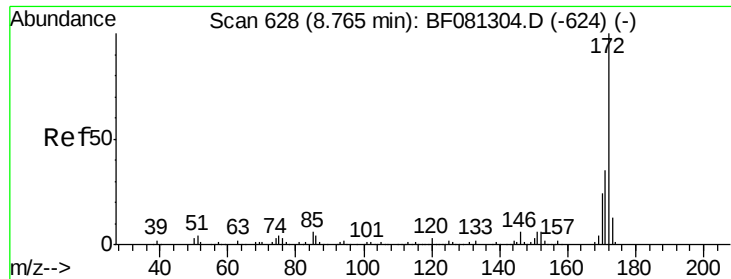
MMDadoda
 9/4/2015 2:51:50 PM



#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83181		
198	94.5	75.4	113.0	
97	77.1	33.3	49.9	
132	36.9	24.6	37.0	





#44

2-Fluorobiphenyl

Concen: 86.19 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

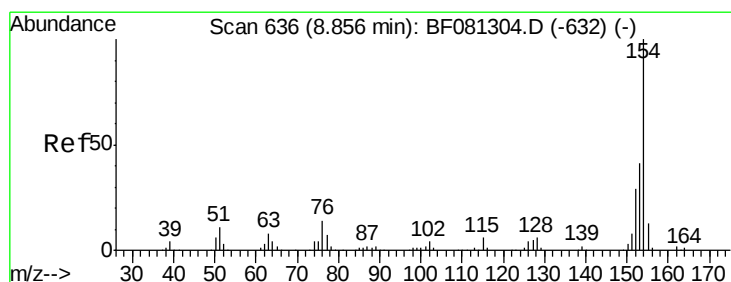
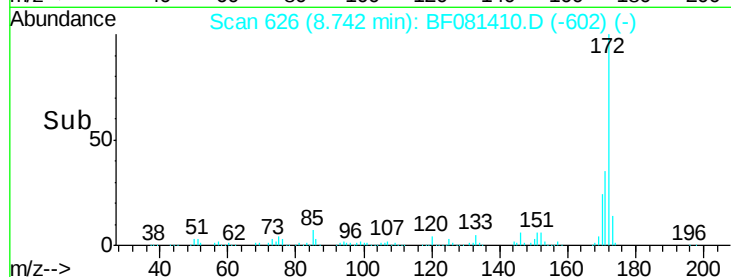
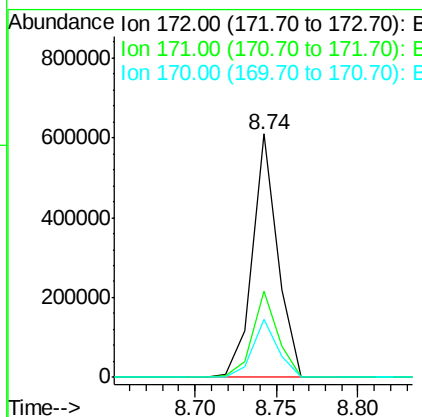
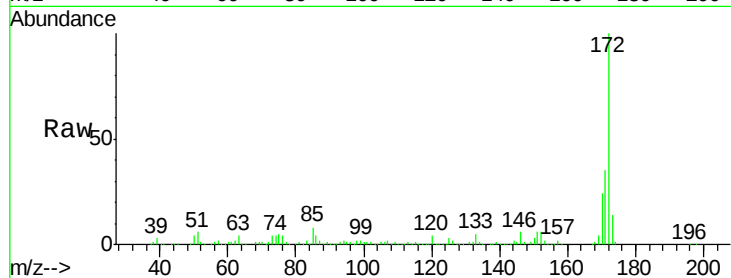
ClientSampleId :

P005-BF001-01MS

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:51:50 PM

Tot Ion:	172	Resp:	656152
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.1	39.1
170	23.6	17.4	26.2



#45

1,1'-Biphenyl

Concen: 38.18 ng

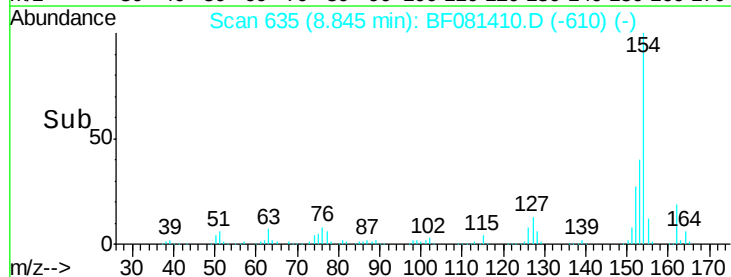
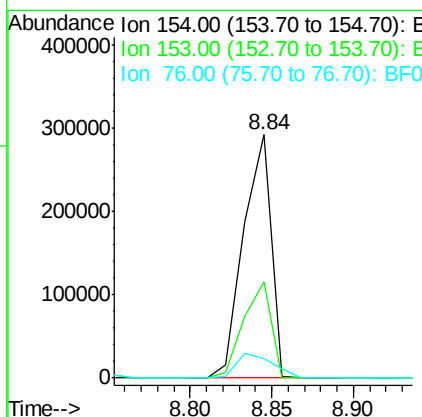
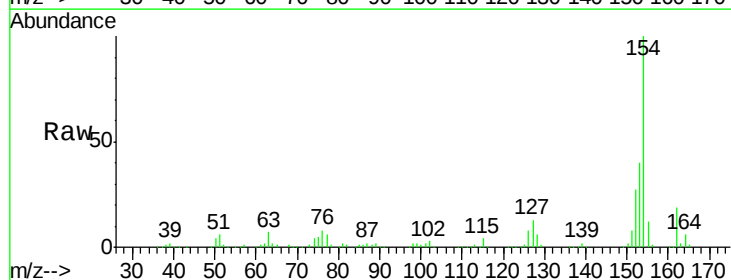
RT: 8.84 min Scan# 635

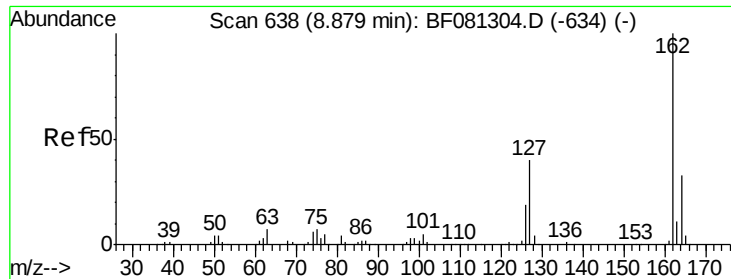
Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:	154	Resp:	342694
Ion Ratio	Lower	Upper	
154	100		
153	39.7	17.1	57.1
76	8.1	0.0	31.6





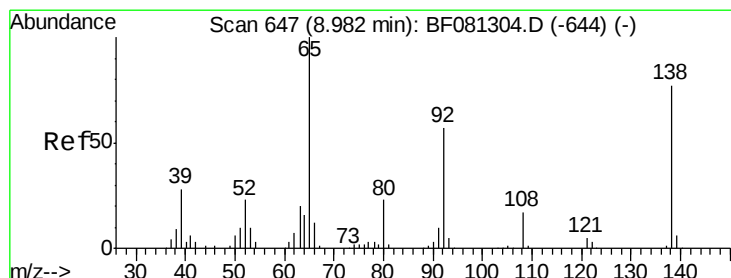
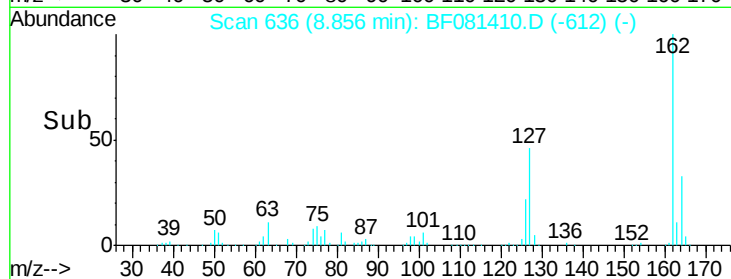
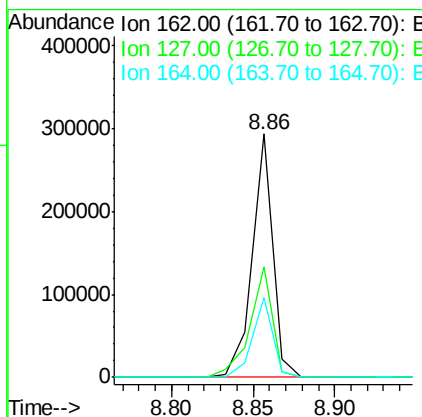
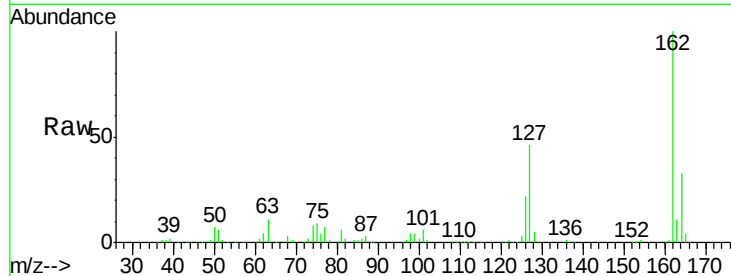
#46
 2-Chloronaphthalene
 Concen: 39.62 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	45.6	27.6	41.4#
164	32.6	25.4	38.2

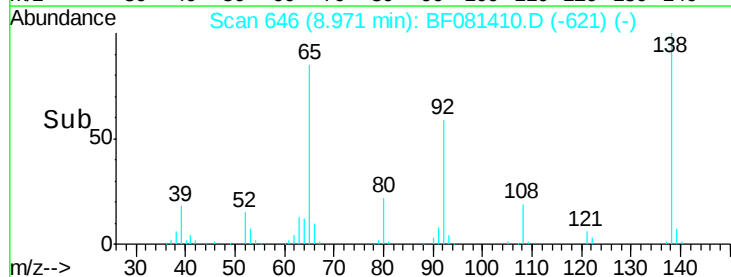
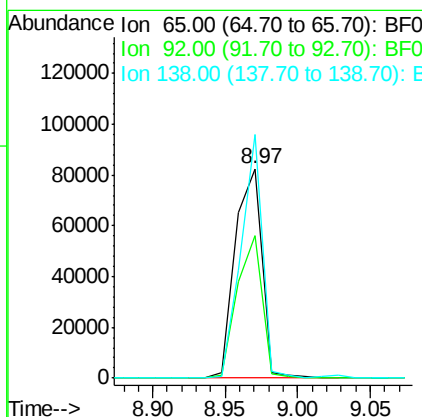
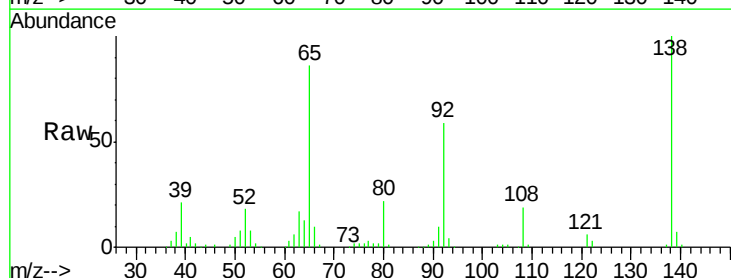
Manual Integrations
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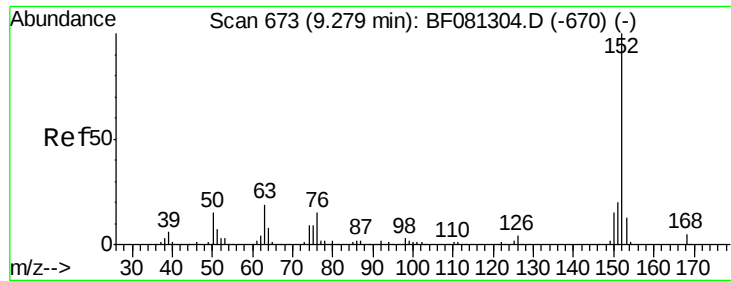
MMDadoda
 9/4/2015 2:51:50 PM



#47
 2-Nitroaniline
 Concen: 40.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.3	55.4	83.0
138	116.2	115.5	173.3





#48

Acenaphthylene

Concen: 36.92 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

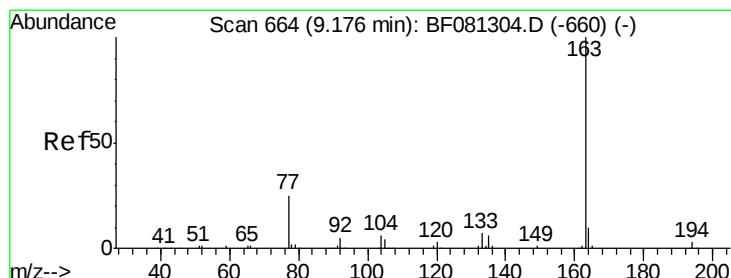
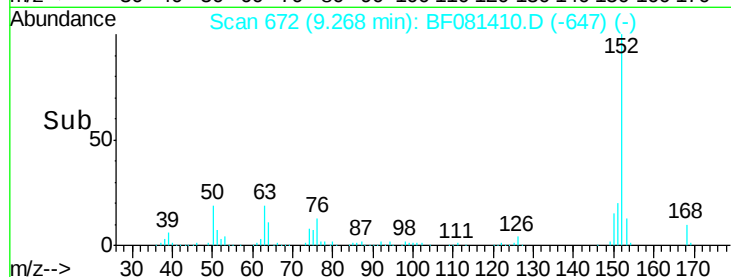
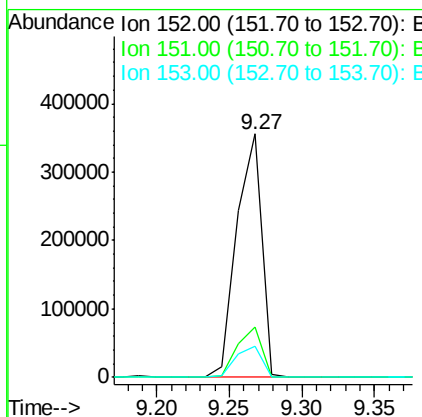
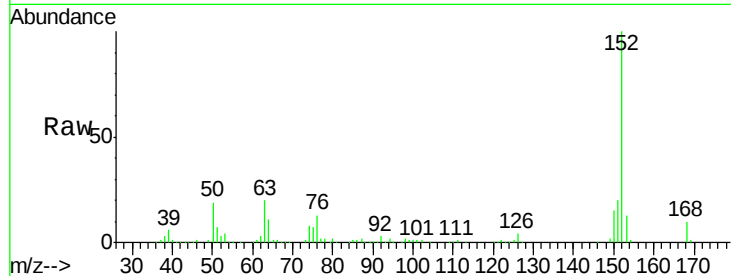
ClientSampleId :

P005-BF001-01MS

Tot Ion:	152	Resp:	424579
Ion Ratio		Lower	Upper
152	100		
151	20.5	14.6	22.0
153	12.7	10.3	15.5

Manual Integrations
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MMDadoda
9/4/2015 2:51:50 PM



#49

Dimethylphthalate

Concen: 56.90 ng

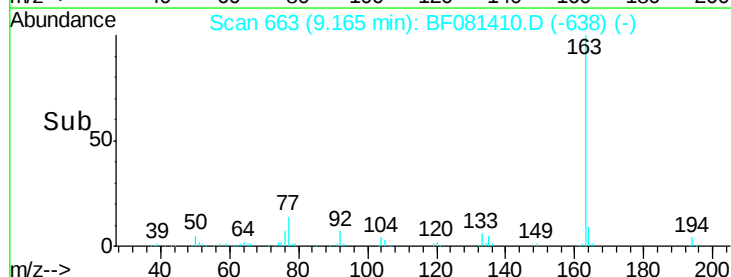
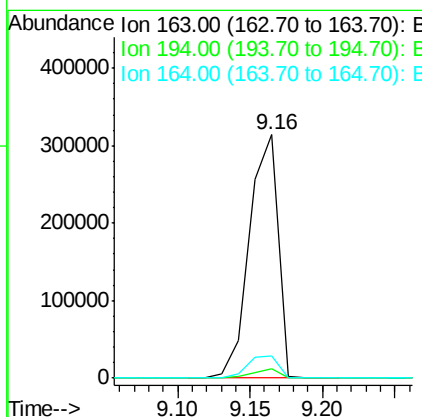
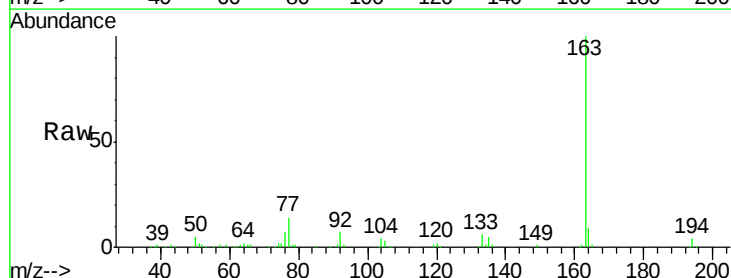
RT: 9.16 min Scan# 663

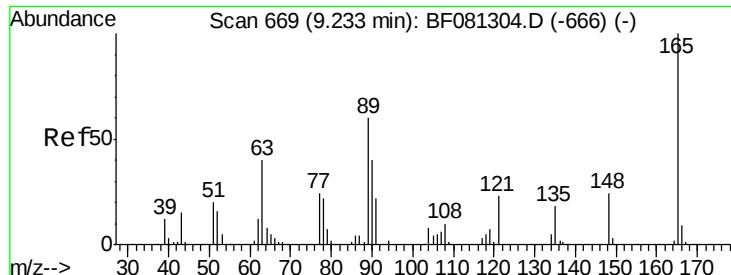
Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:	163	Resp:	431324
Ion Ratio		Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.3	8.3	12.5





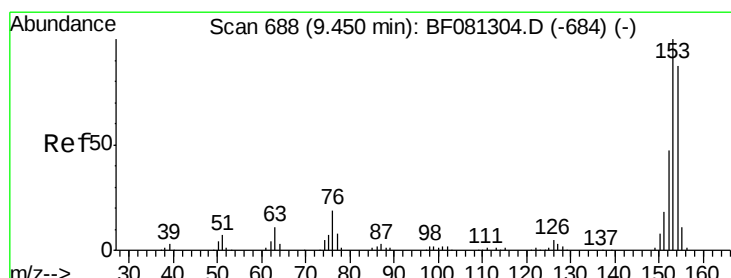
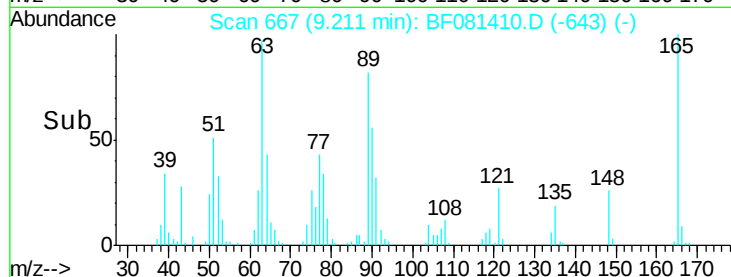
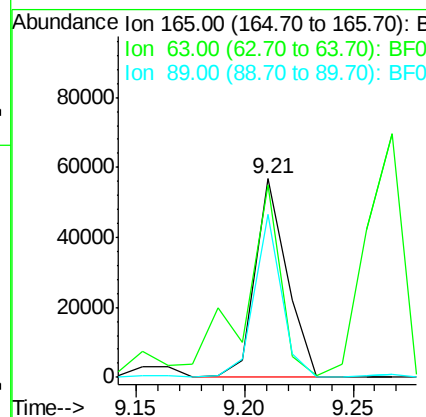
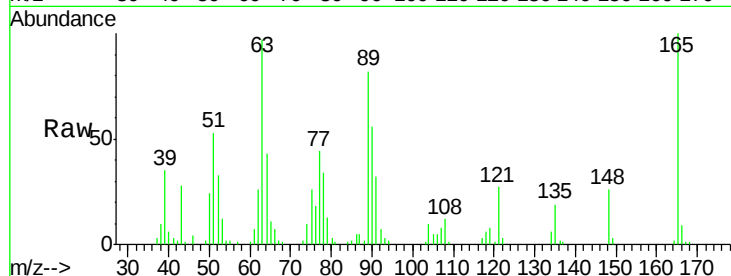
#50
 2,6-Dinitrotoluene
 Concen: 33.53 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	96.6	32.3	48.5#
89	82.0	28.6	43.0#

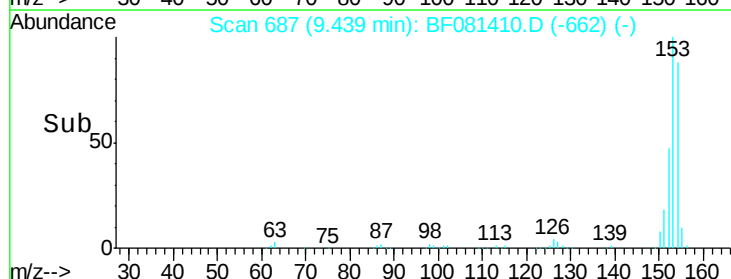
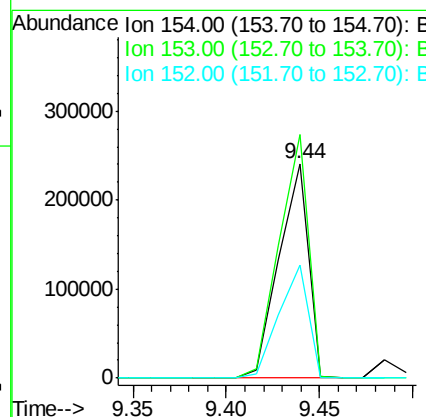
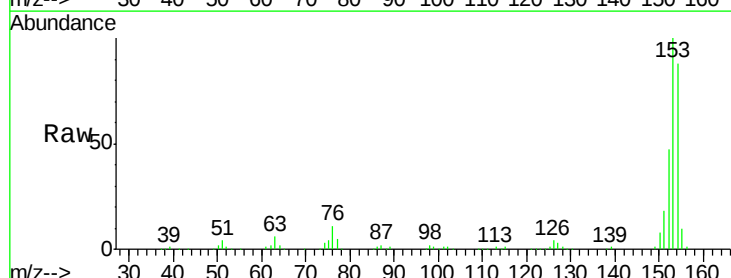
Manual Integrations
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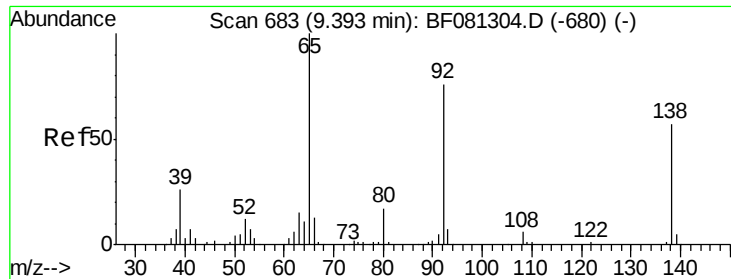
MMDadoda
 9/4/2015 2:51:50 PM



#51
 Acenaphthene
 Concen: 40.47 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.5	82.1	123.1
152	52.9	37.9	56.9





#52

3-Nitroaniline

Concen: 25.55 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01MS

Tot Ion:138 Resp: 50049

Ion Ratio Lower Upper

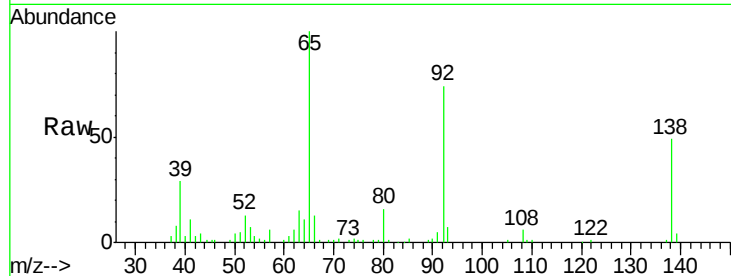
138 100

108 12.9 5.7 8.5#

92 151.0 67.7 101.5#

Manual Integrations
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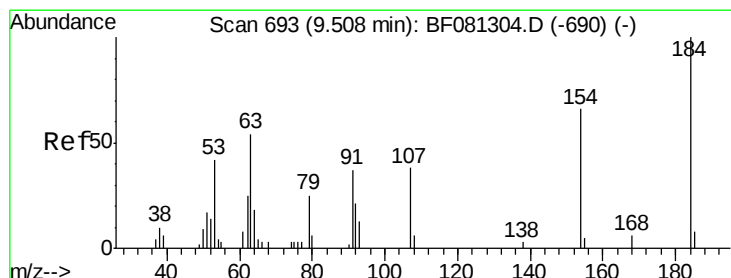
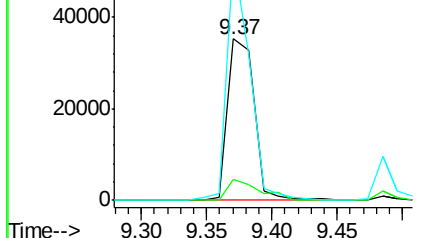
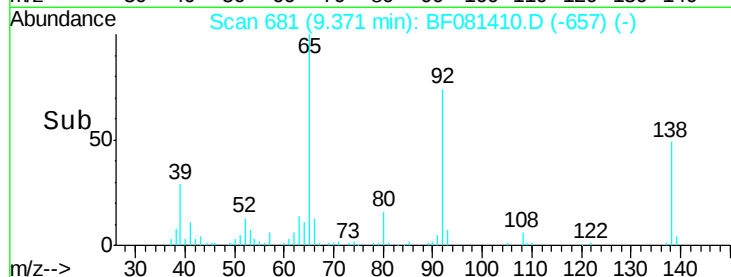
MMDadoda
9/4/2015 2:51:50 PM



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: 39.23 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

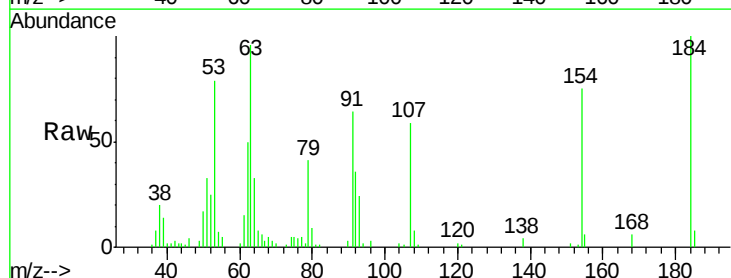
Tgt Ion:184 Resp: 28428

Ion Ratio Lower Upper

184 100

63 95.8 35.4 53.2#

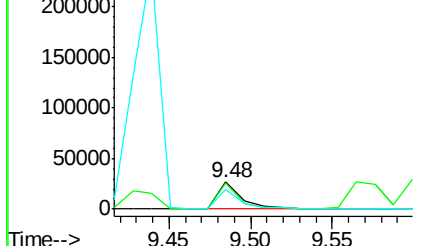
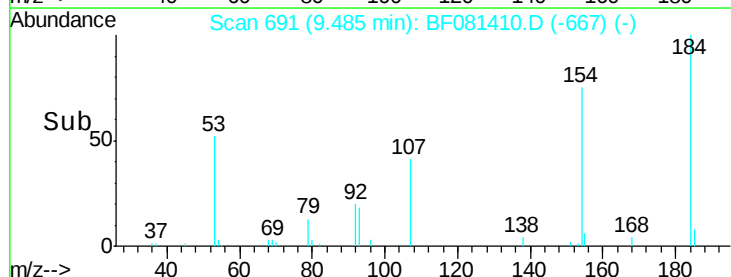
154 74.8 32.2 48.4#

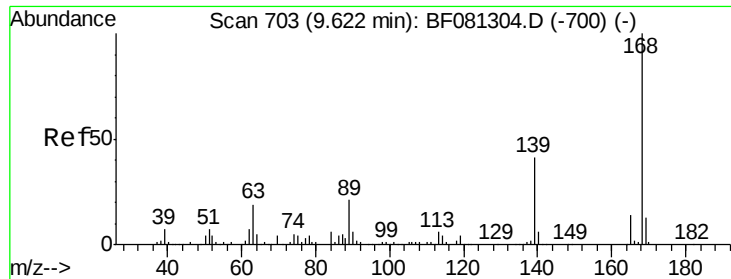


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





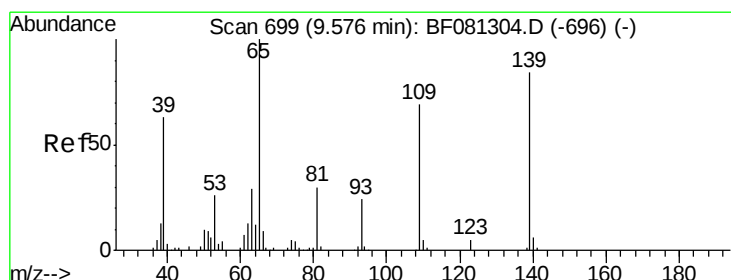
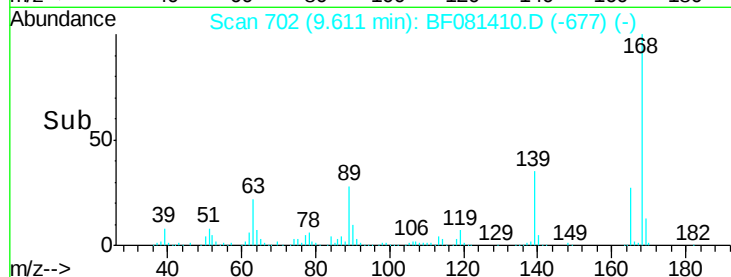
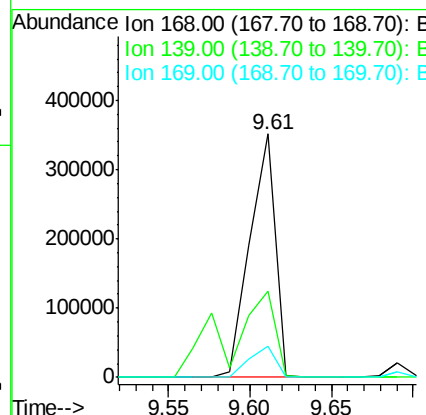
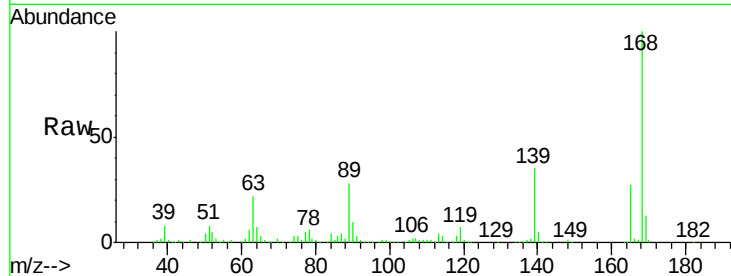
#54
Dibenzofuran
Concen: 39.84 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.3	24.2	36.2	
169	13.0	10.6	15.8	

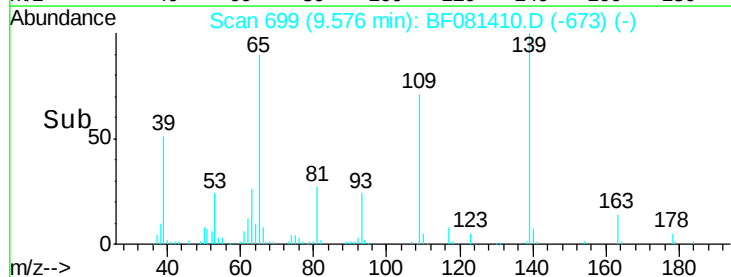
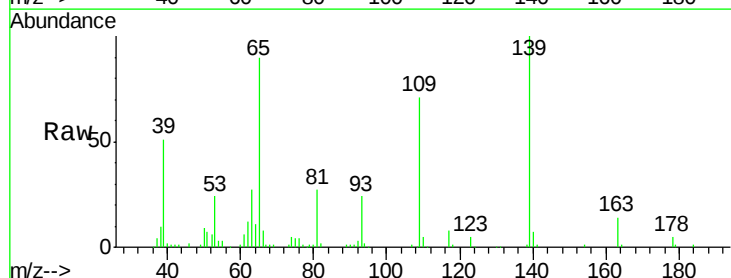
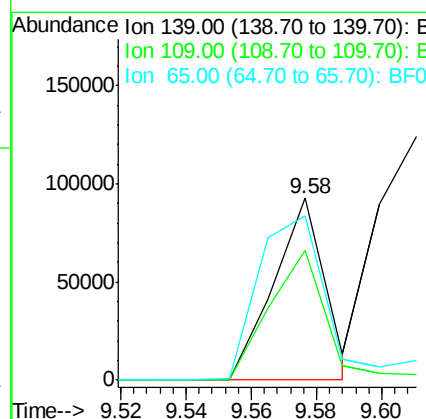
Manual Integrations
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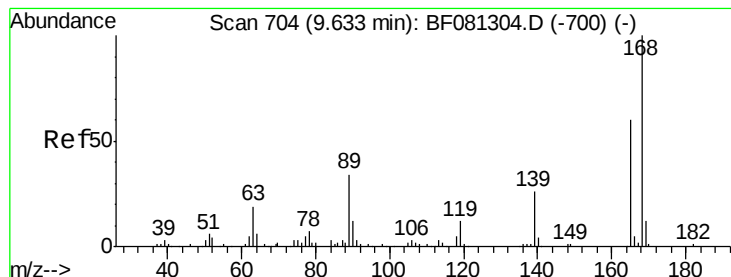
MMDadoda
9/4/2015 2:51:50 PM



#55
4-Nitrophenol
Concen: 81.90 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.1	12.7	52.7#	
65	90.0	45.9	85.9#	





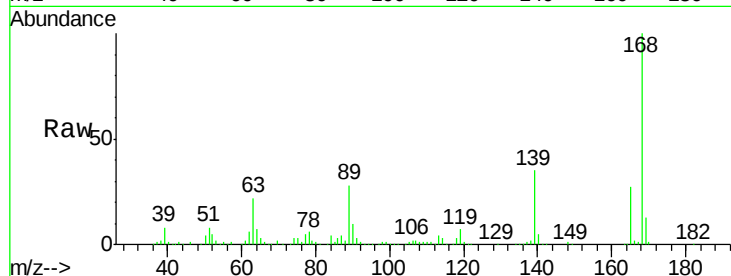
#56
2,4-Dinitrotoluene
Concen: 36.48 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

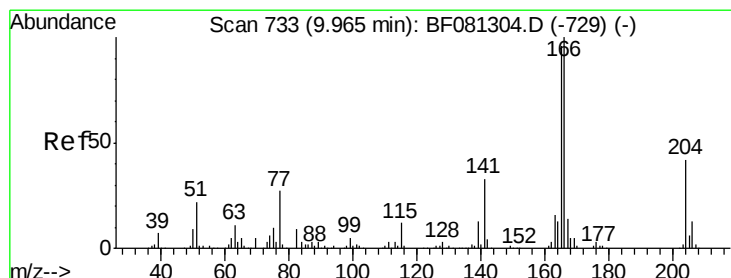
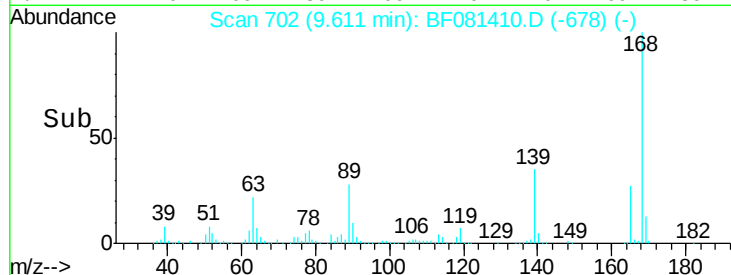
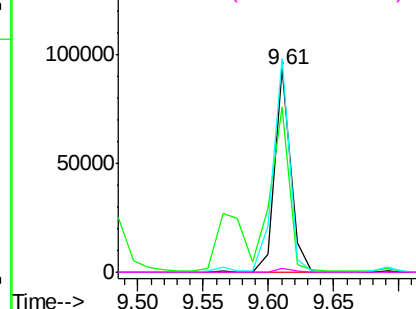
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	81.0	29.8	44.6#	
89	105.0	44.5	66.7#	
182	1.9	3.0	4.4#	

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MMDadoda
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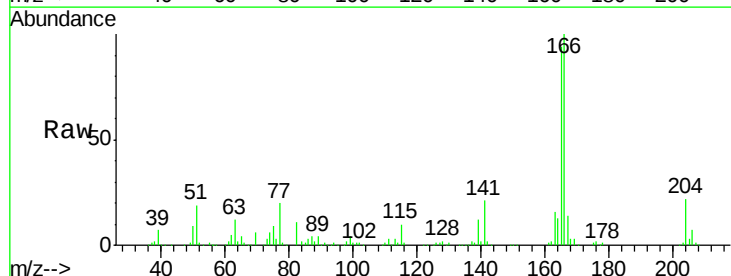


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

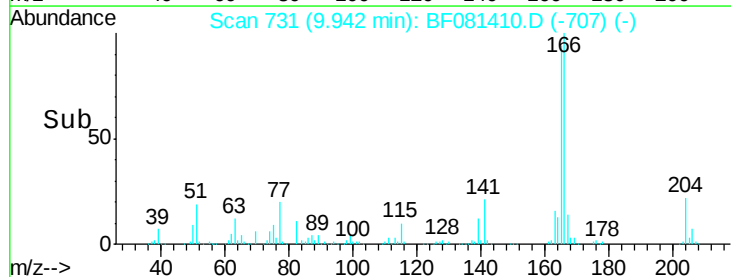
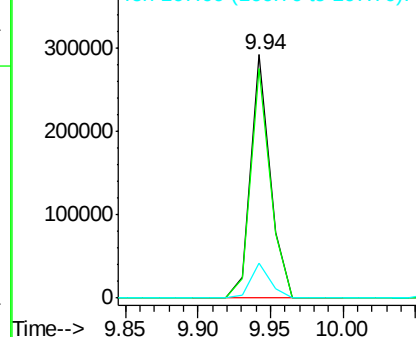


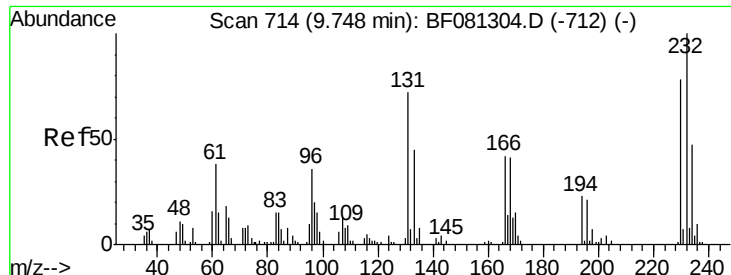
#57
Fluorene
Concen: 37.68 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.4	72.6	109.0	
167	14.1	10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





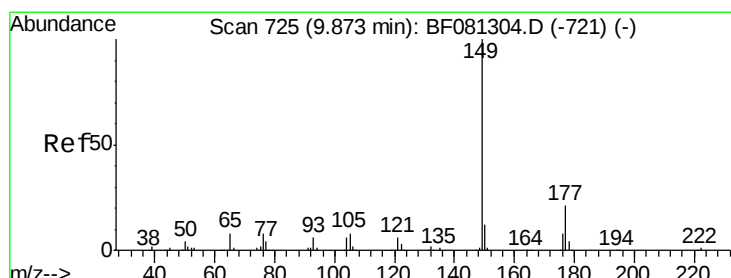
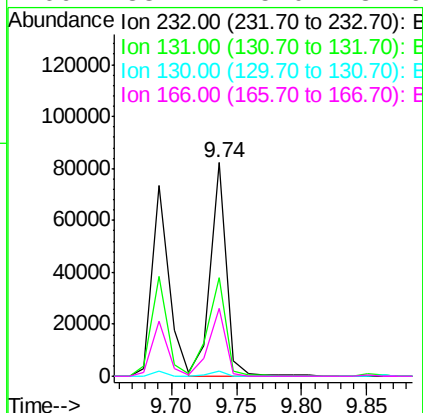
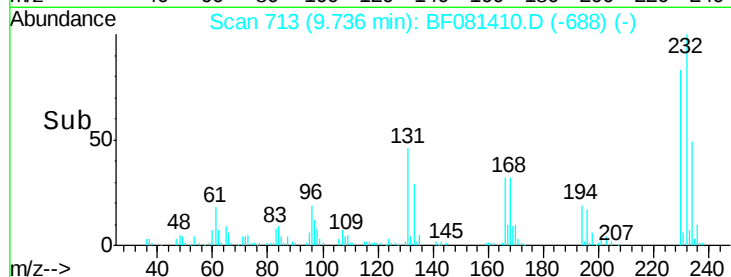
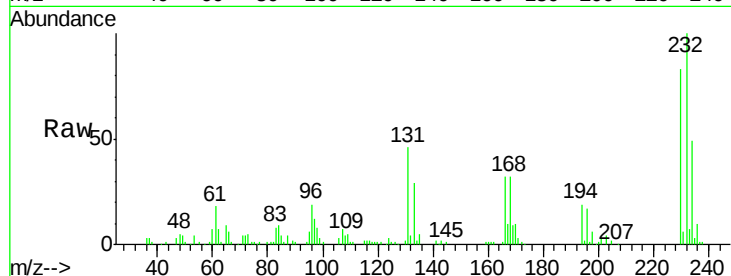
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.52 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.4	38.5	57.7
130	2.3	1.8	2.6
166	33.2	25.0	37.6

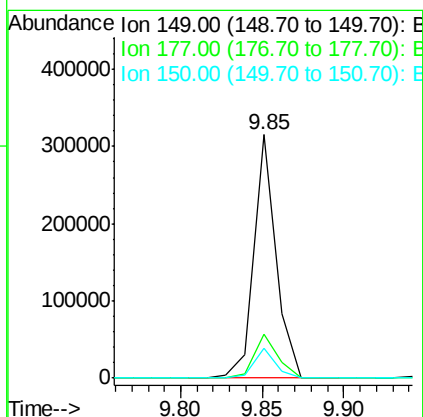
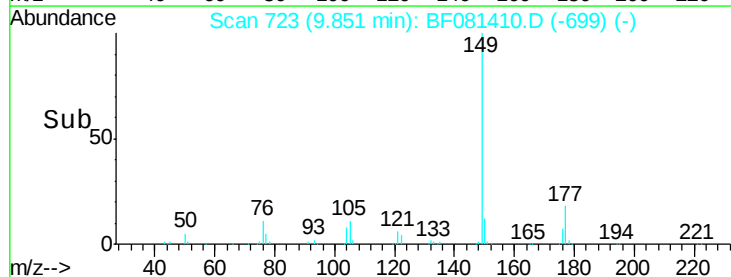
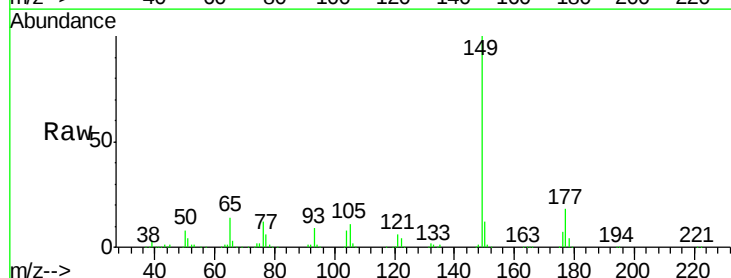
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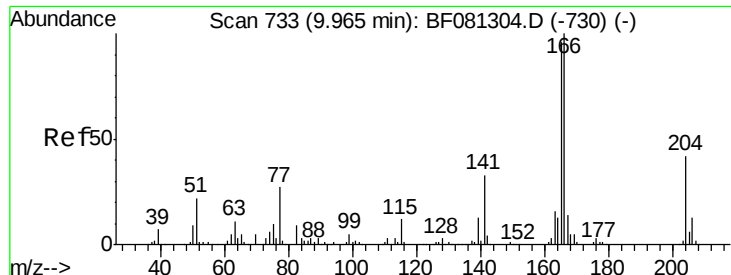
MMDadoda
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#59
 Diethylphthalate
 Concen: 37.13 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.0	17.5	26.3
150	12.5	9.4	14.2





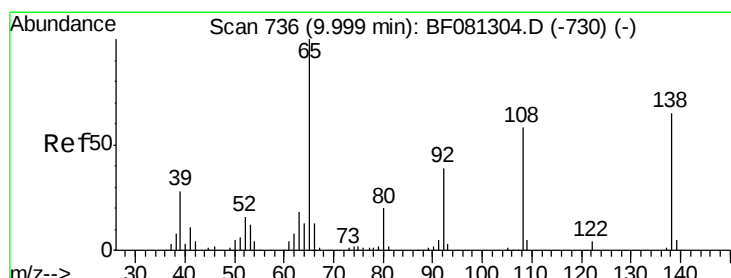
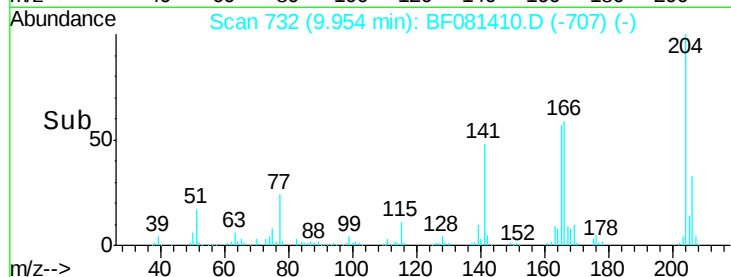
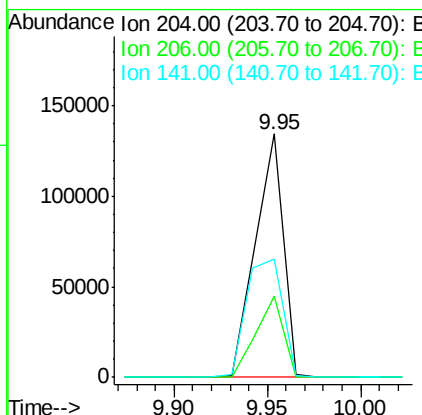
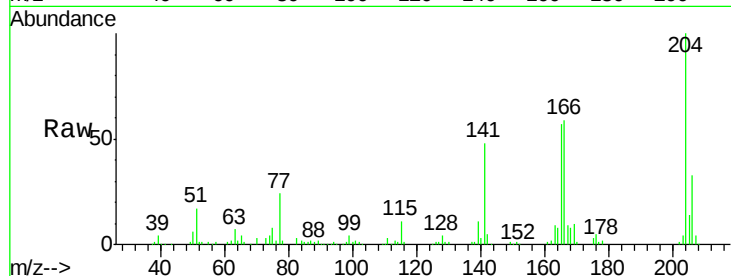
#60
4-Chlorophenyl-phenylether
Concen: 41.07 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	24.8	37.2	
141	48.3	42.2	63.4	

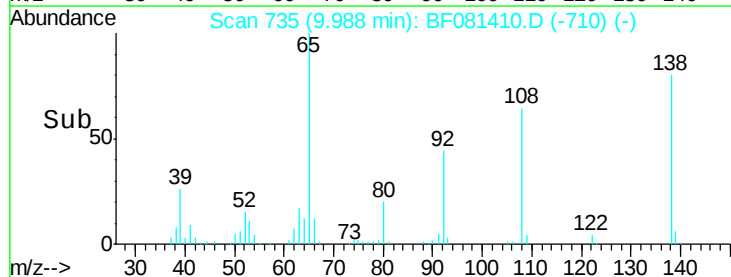
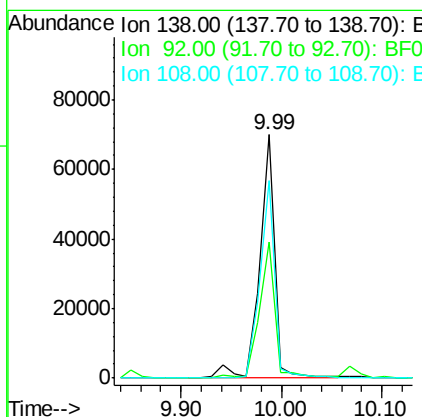
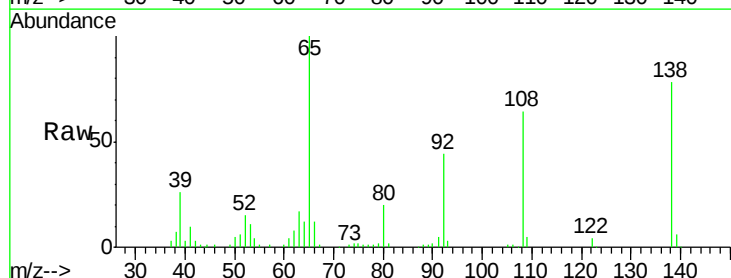
Manual Integrations
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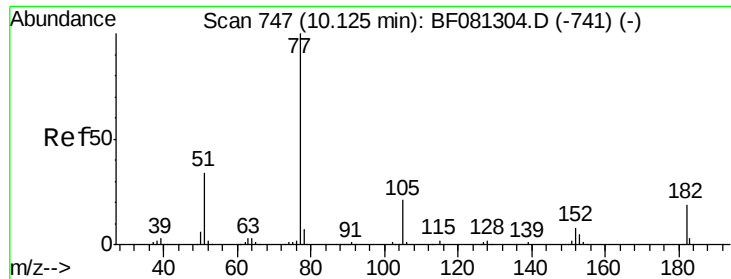
MMDadoda
9/4/2015 2:51:50 PM



#61
4-Nitroaniline
Concen: 36.88 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.7	12.6	52.6#	
108	81.2	12.4	52.4#	





#62

Azobenzene

Concen: 37.50 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

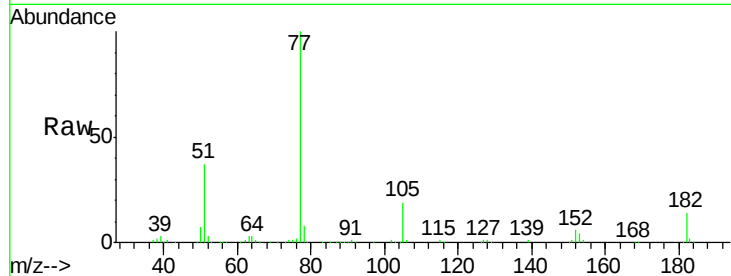
ClientSampleId :

P005-BF001-01MS

Tot Ion:	77	Resp:	332417
Ion Ratio	Lower	Upper	
77	100		
182	14.2	15.1	55.1#
105	19.2	3.4	43.4
51	37.2	12.0	52.0

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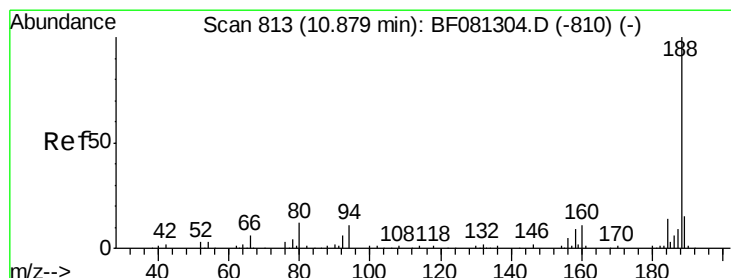
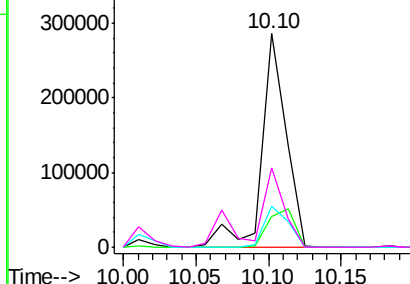
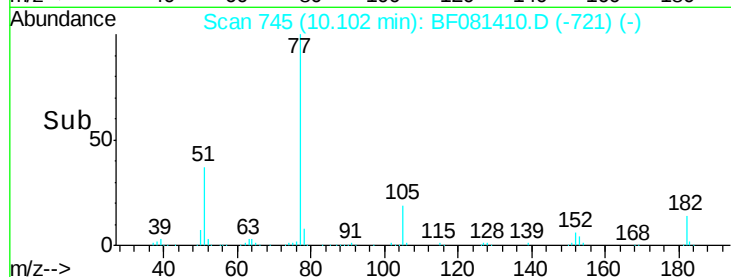


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

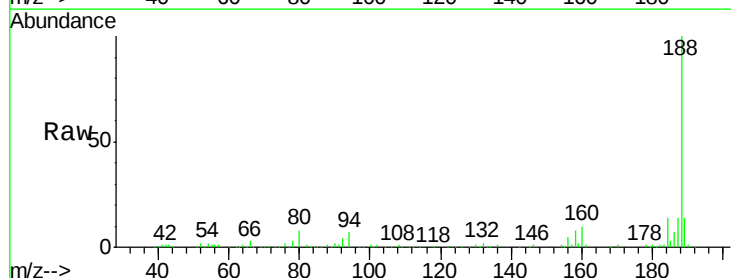
RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

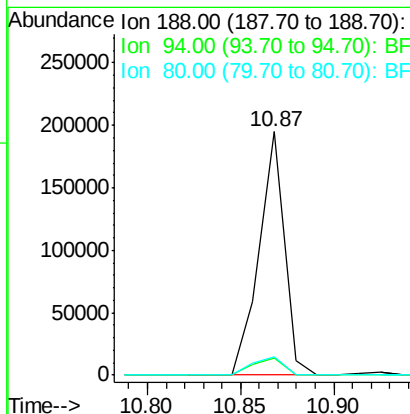
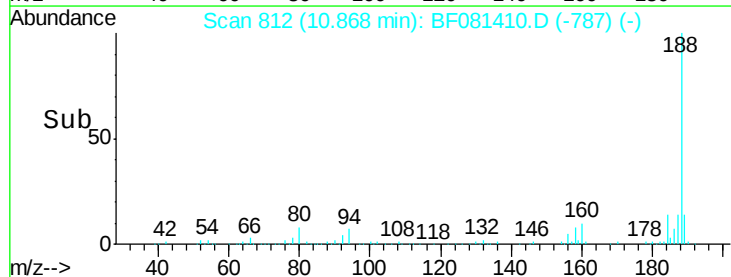
Tgt Ion:	188	Resp:	182738
Ion Ratio	Lower	Upper	
188	100		
94	6.8	11.1	16.7#
80	7.8	11.0	16.4#

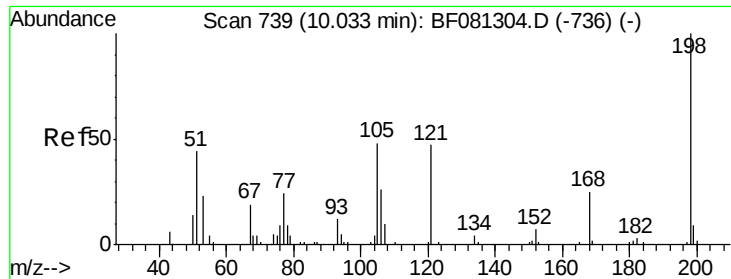


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





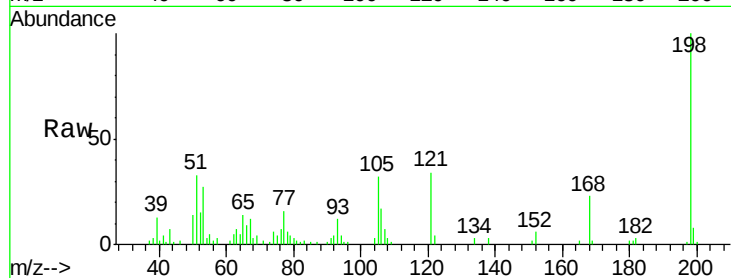
#64
4,6-Dinitro-2-methylphenol
Concen: 34.03 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

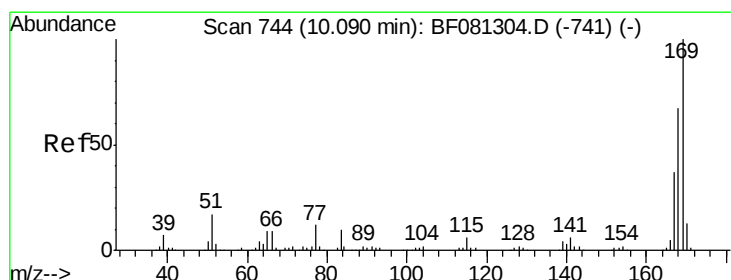
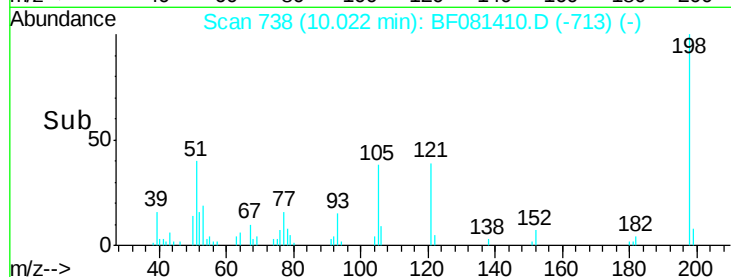
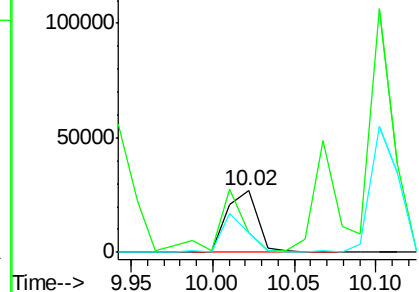
Tot Ion	Ratio	Resp	Lower	Upper
198	100	34782		
51	32.9	39.6	79.6#	
105	31.6	28.5	68.5	

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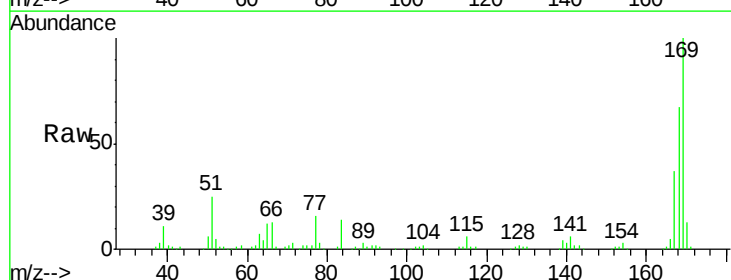


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

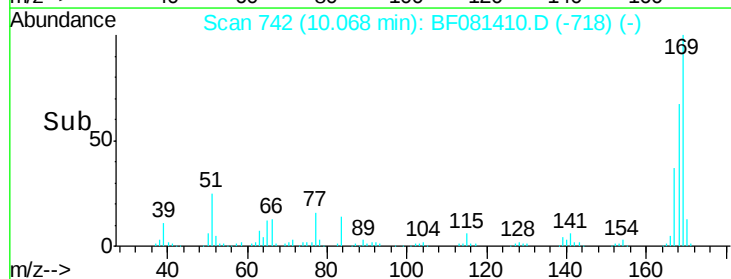
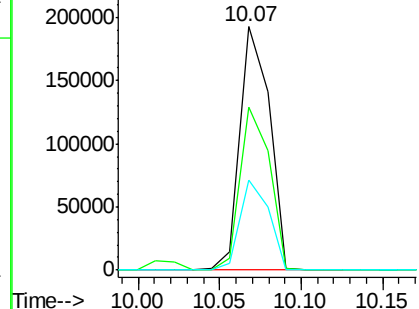


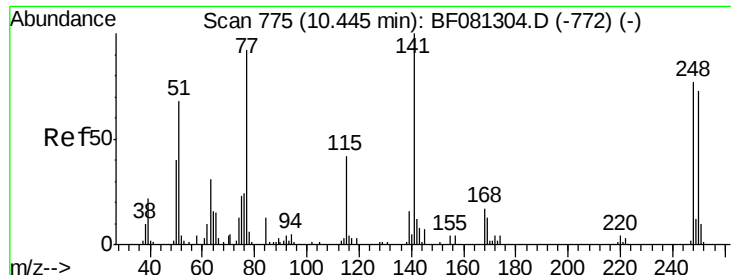
#65
n-Nitrosodiphenylamine
Concen: 36.20 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	240694		
168	66.7	48.9	73.3	
167	37.0	26.2	39.4	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





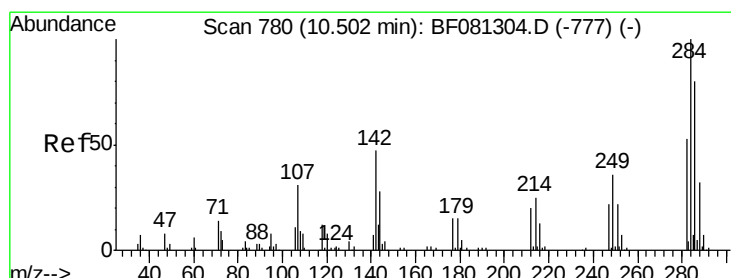
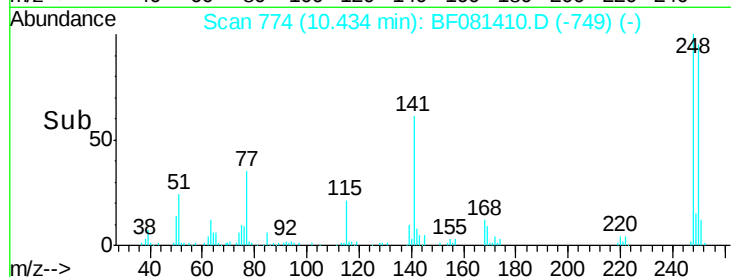
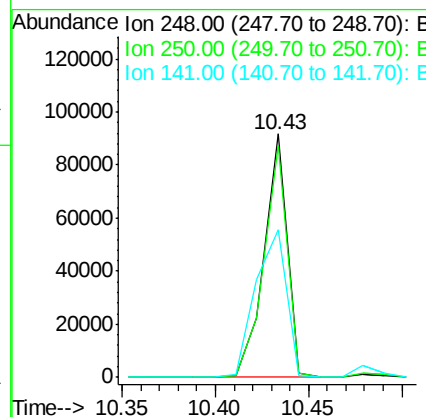
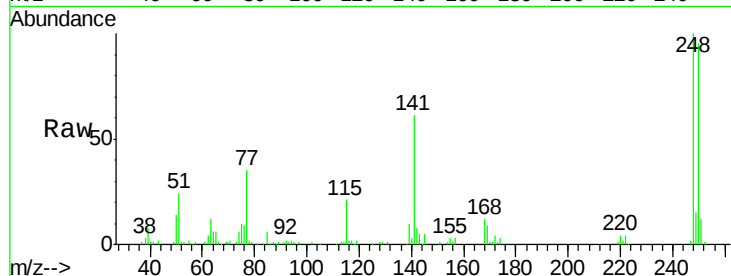
#66
4-Bromophenyl-phenylether
Concen: 43.27 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.5	117.7
141	60.6	59.0	88.6

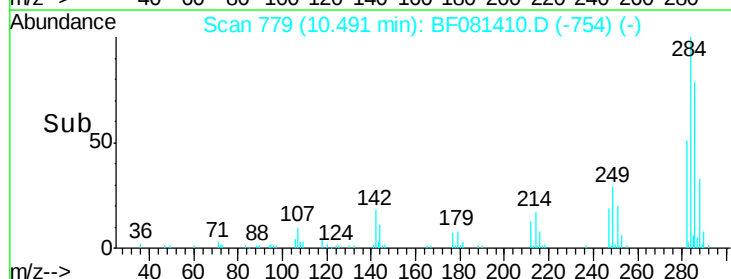
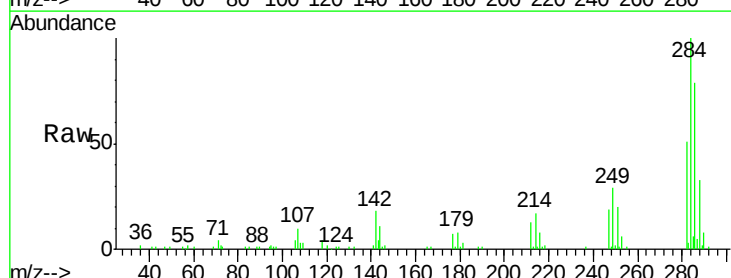
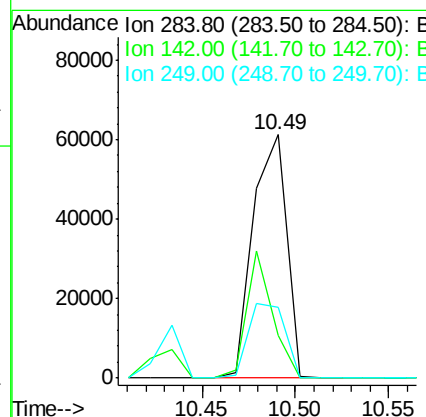
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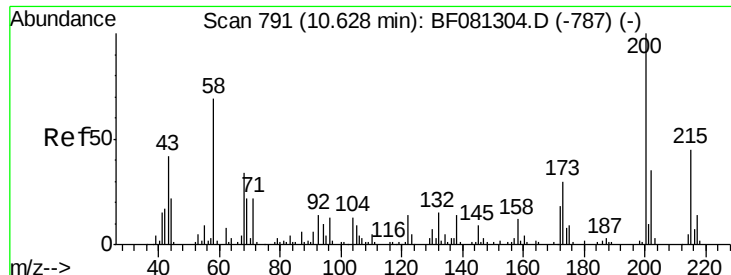
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#67
Hexachlorobenzene
Concen: 39.44 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.7	29.5	44.3#
249	29.2	19.5	29.3





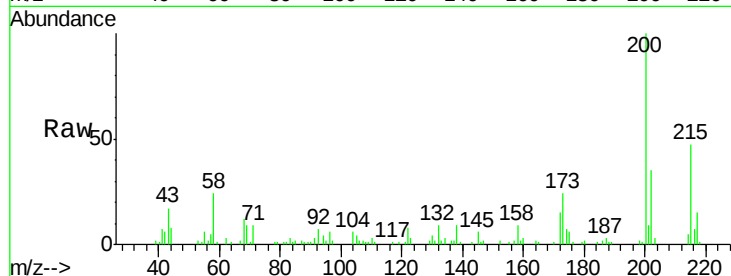
#68
Atrazine
Concen: 39.70 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

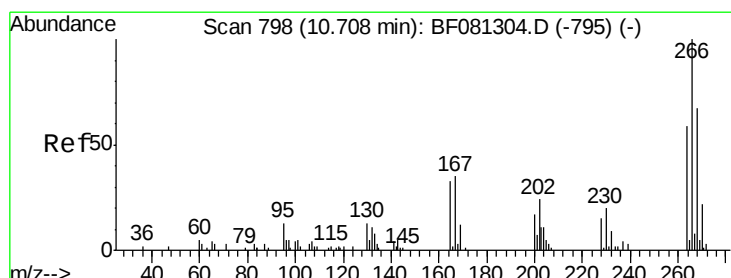
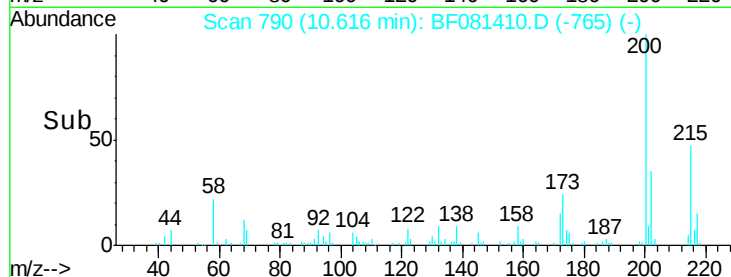
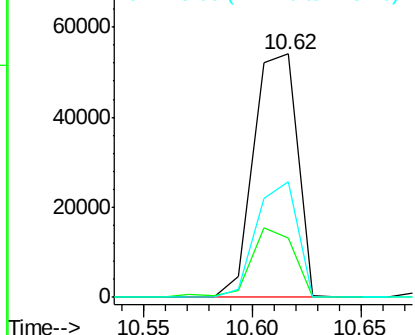
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	13.2	53.2
215	47.5	41.8	81.8

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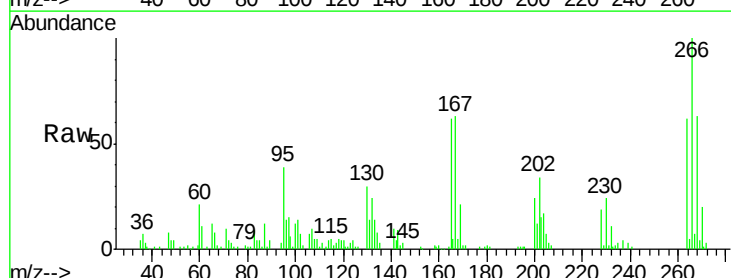


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

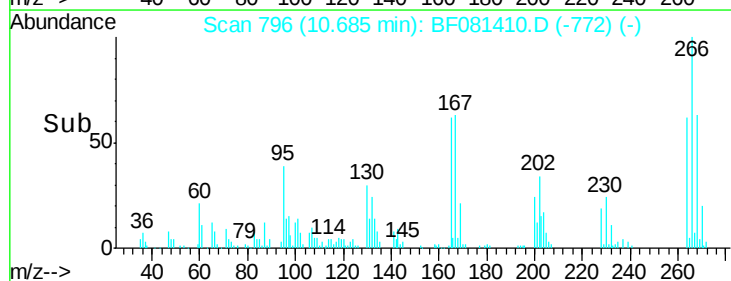
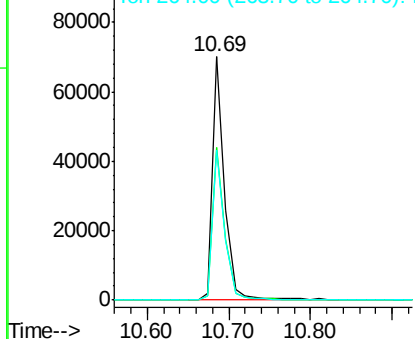


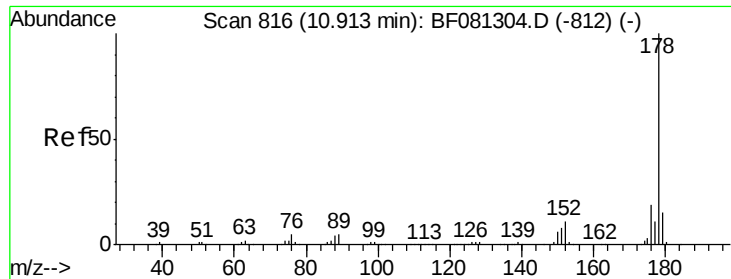
#69
Pentachlorophenol
Concen: 77.37 ng
RT: 10.69 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	49.8	74.6
264	61.9	50.2	75.2



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





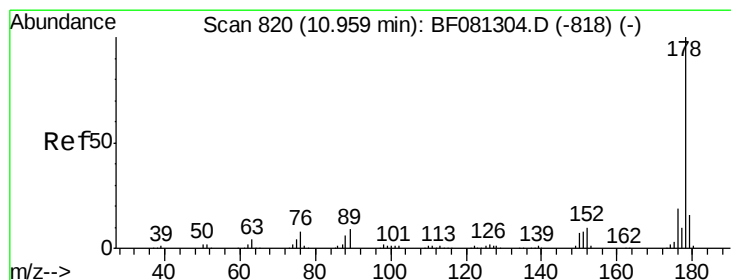
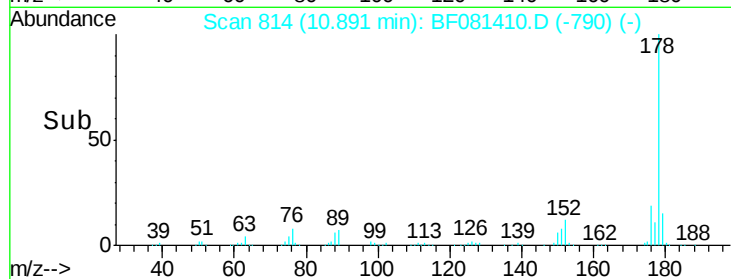
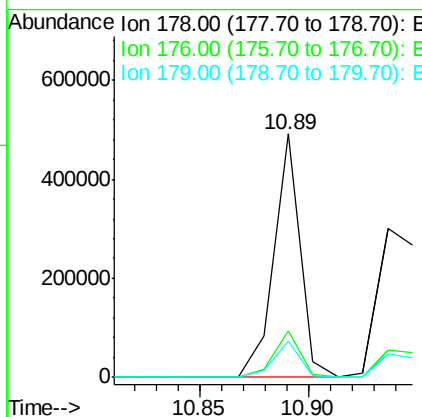
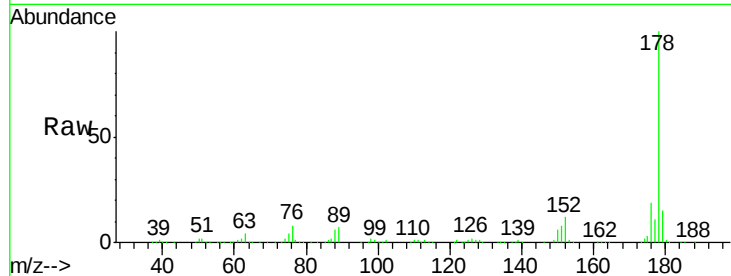
#70
Phenanthrene
Concen: 41.32 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.0	12.2	18.2

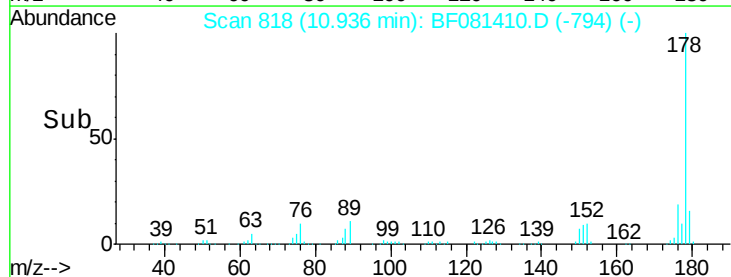
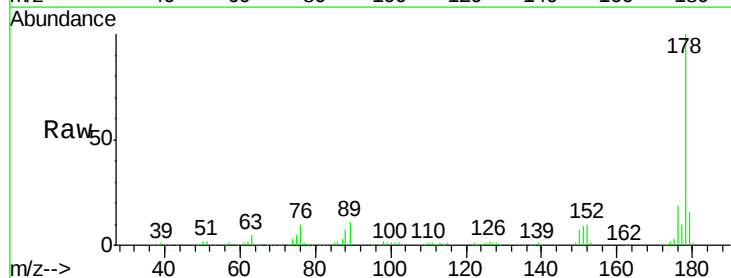
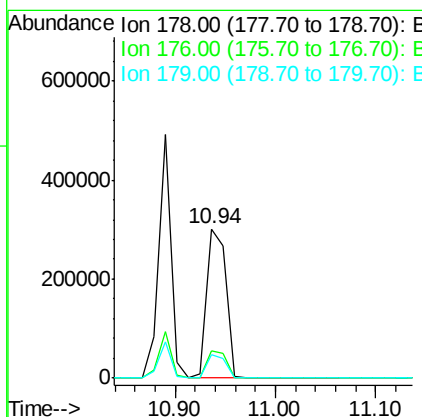
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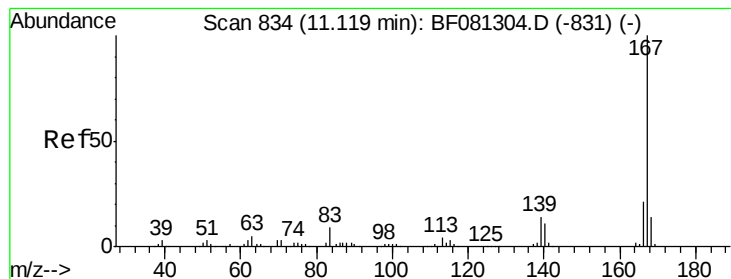
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#71
Anthracene
Concen: 38.41 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	16.0	12.2	18.2





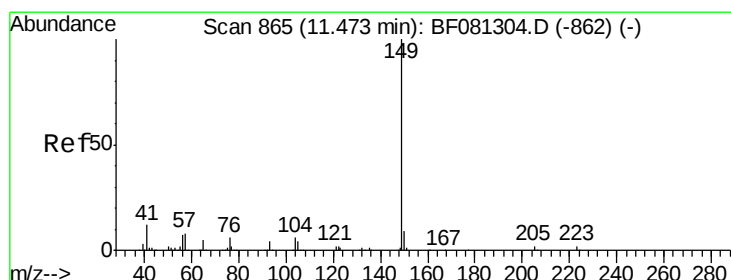
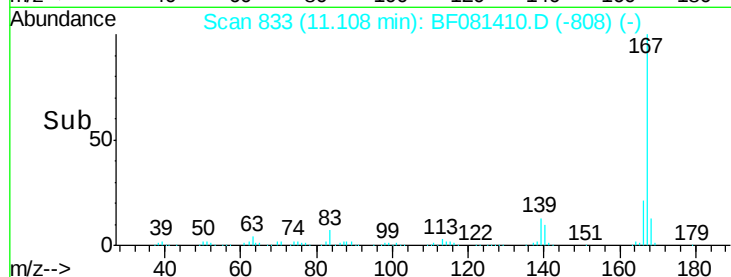
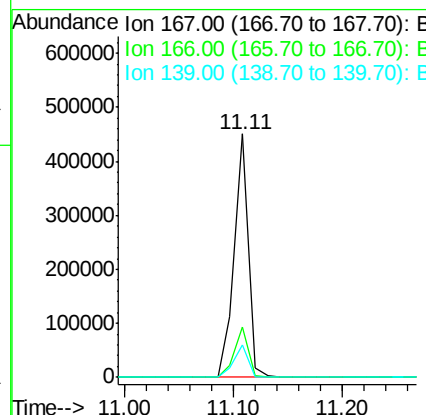
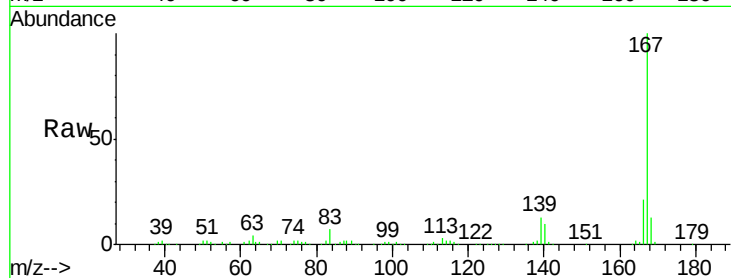
#72
 Carbazole
 Concen: 41.40 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	20.8	15.7	23.5	
139	13.3	9.5	14.3	

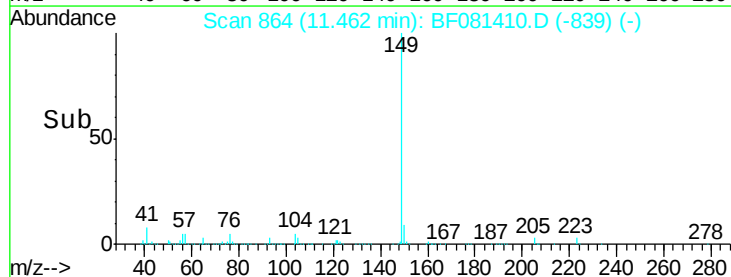
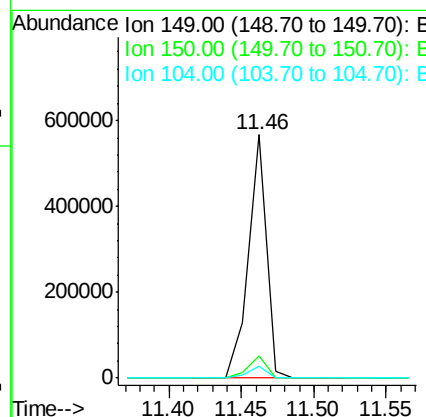
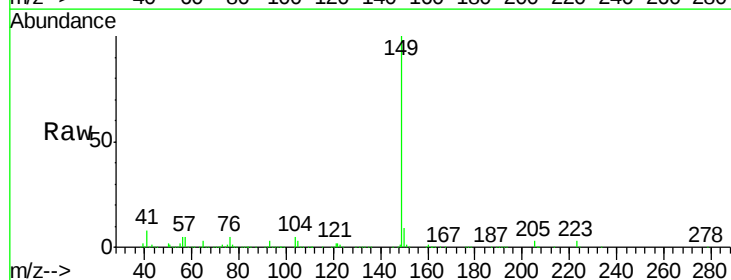
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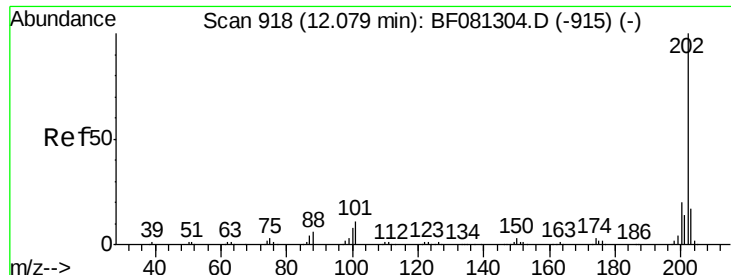
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#73
 Di-n-butylphthalate
 Concen: 42.46 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.4	11.2	
104	4.8	2.4	3.6	





#74

Fluoranthene

Concen: 37.88 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

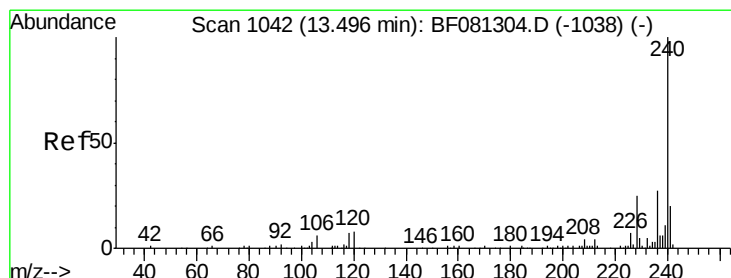
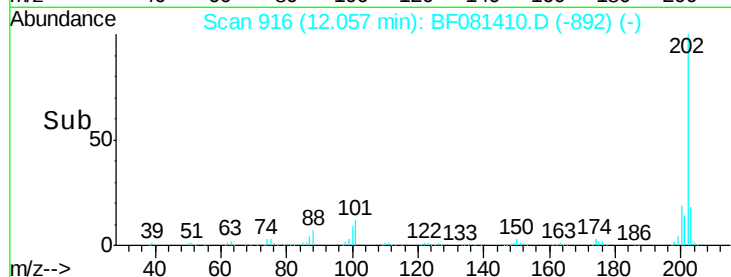
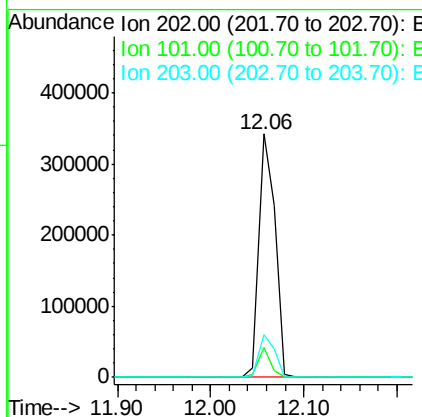
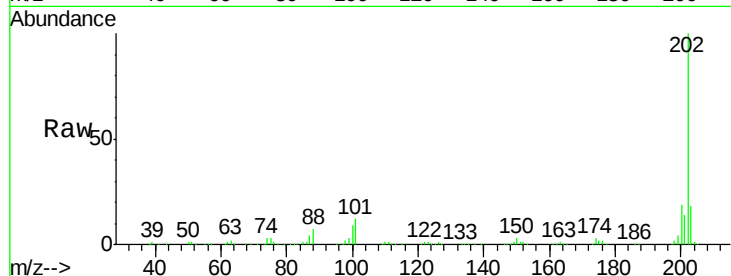
ClientSampleId :

P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	416574		
101	12.0	0.0	38.3	
203	17.7	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

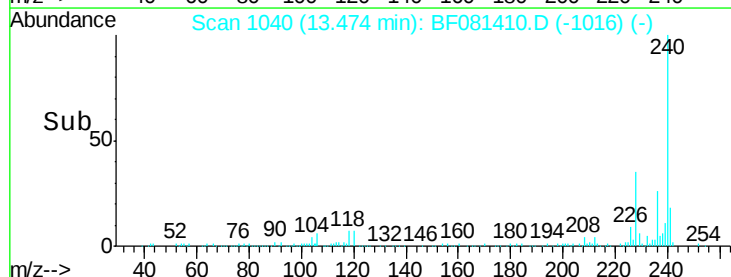
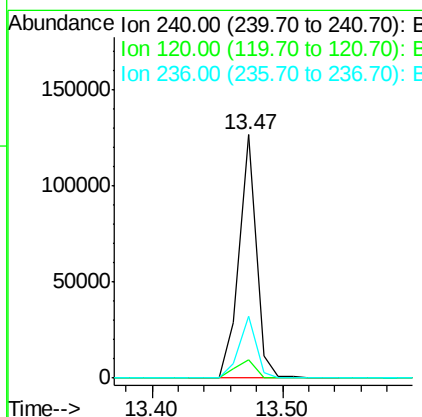
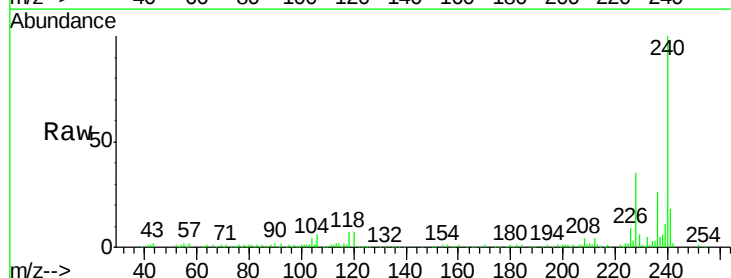
RT: 13.47 min Scan# 1040

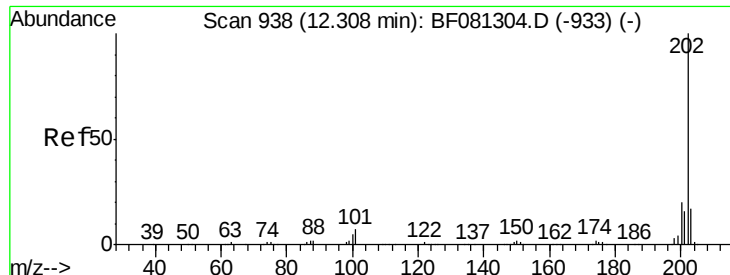
Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	116275		
120	7.5	16.2	24.2#	
236	25.6	18.4	27.6	





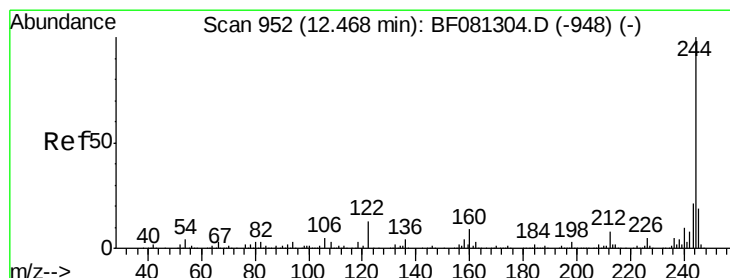
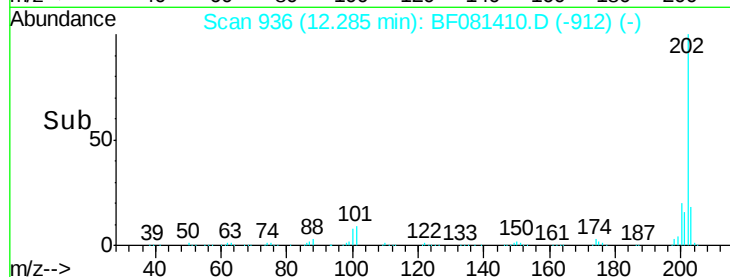
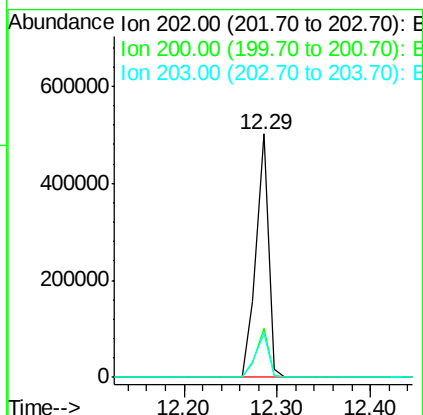
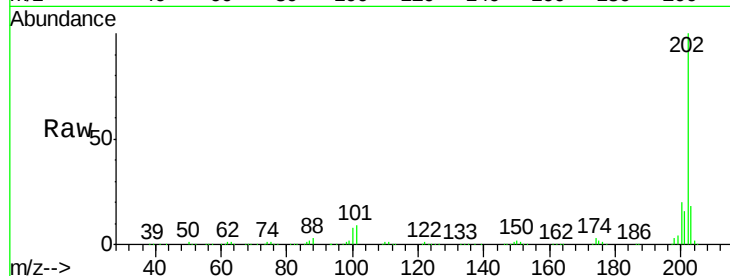
#77
Pvrene
Concen: 54.48 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.9	14.1	21.1

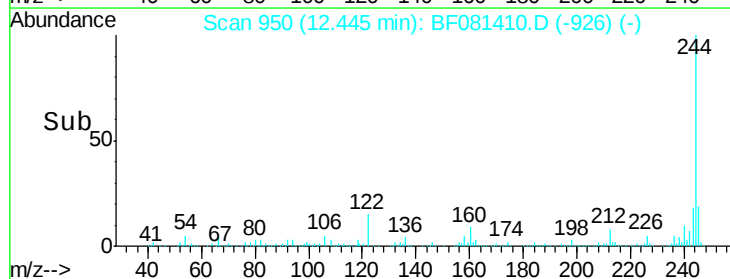
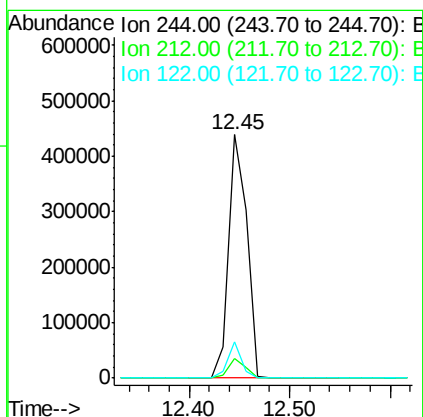
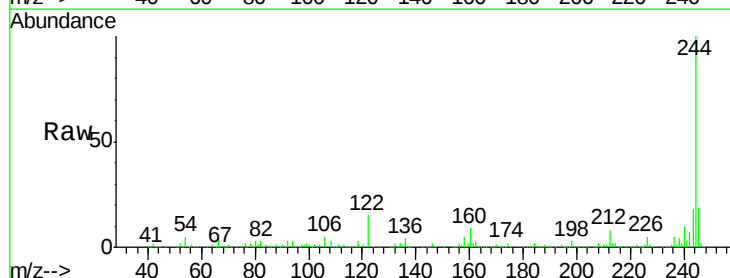
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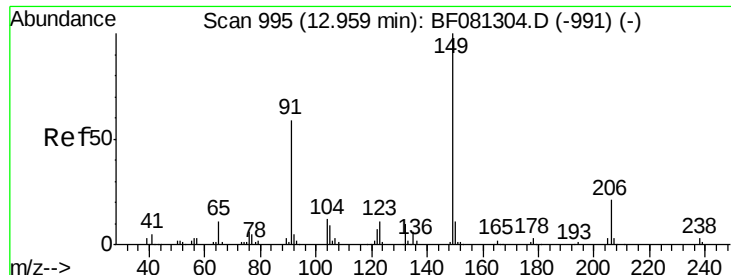
MMDadoda
9/4/2015 2:51:50 PM



#78
Terphenyl-d14
Concen: 110.84 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.8	17.4	26.2#





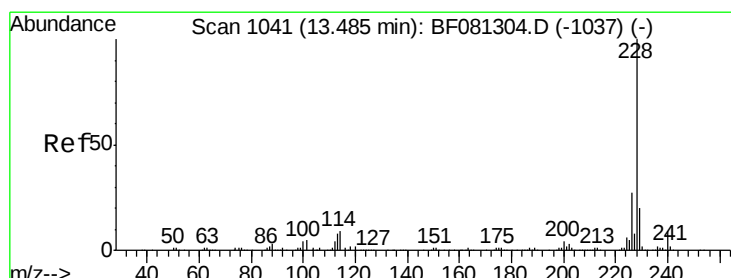
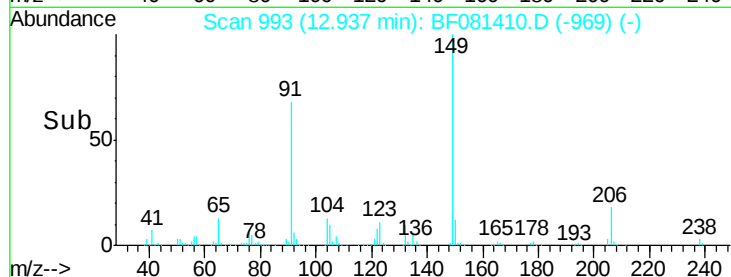
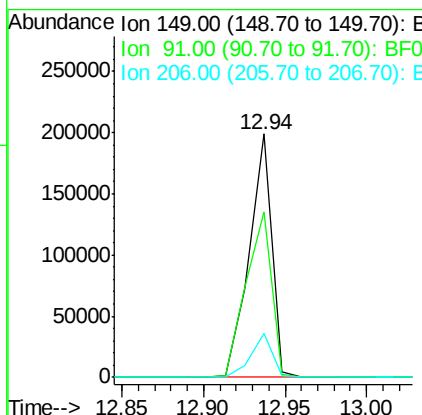
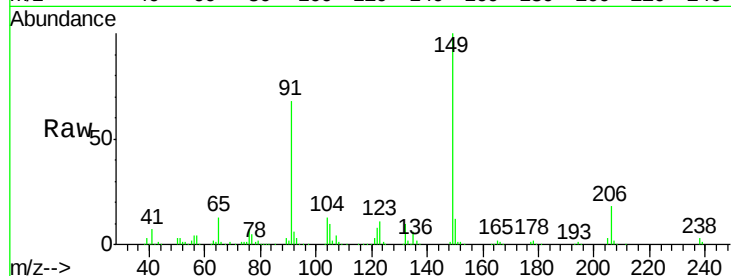
#79
Butylbenzylphthalate
Concen: 50.84 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	190429		
91	67.8	48.6	72.8	
206	18.3	14.9	22.3	

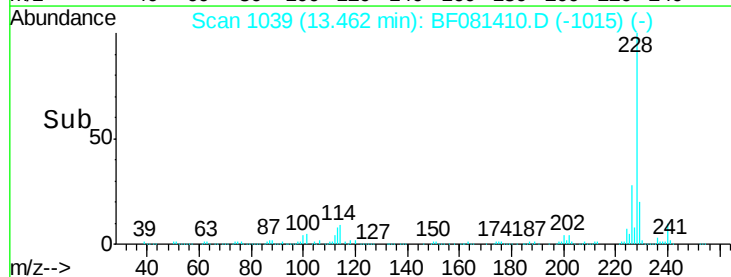
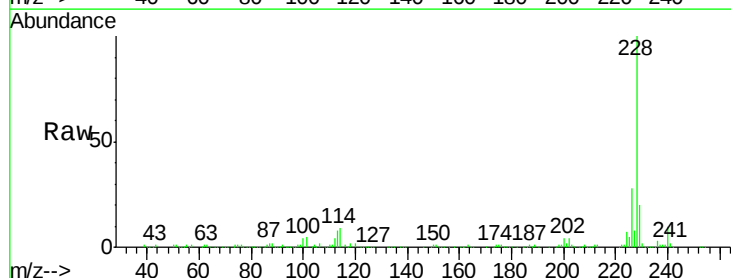
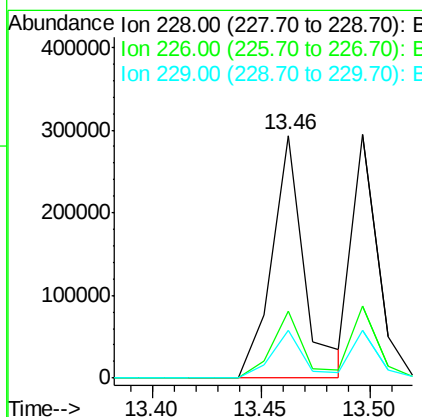
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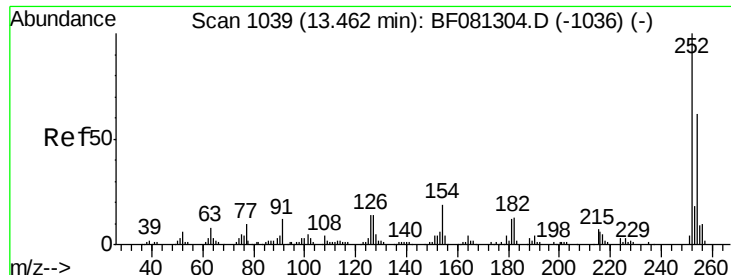
MMDadoda
9/4/2015 2:51:50 PM



#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	308300		
226	27.8	20.0	30.0	
229	19.8	15.4	23.2	





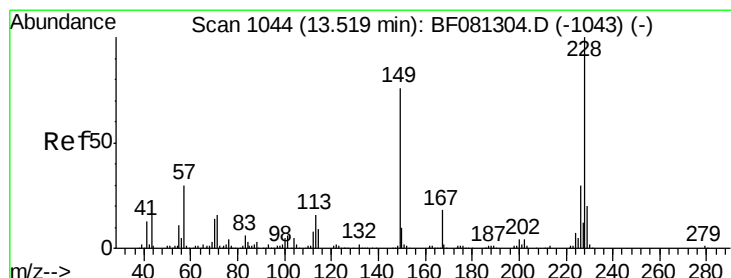
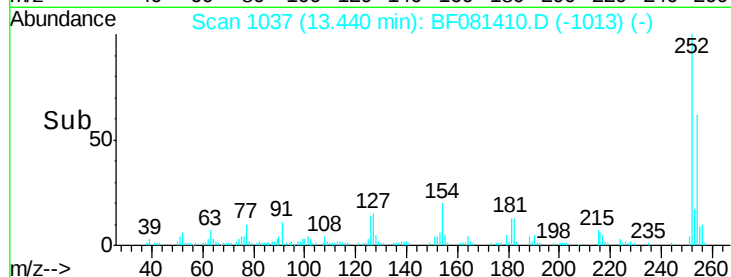
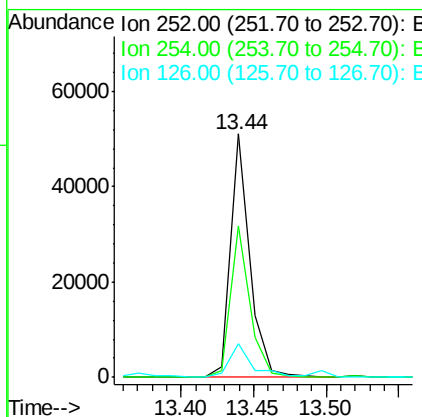
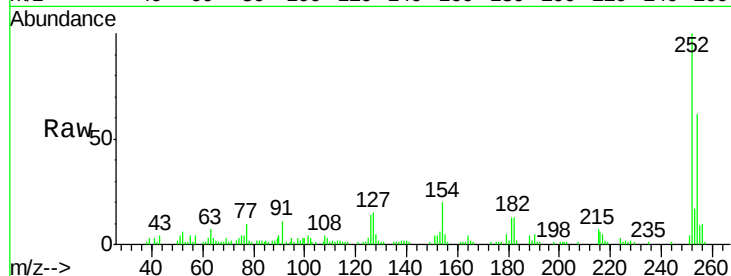
#81
 3,3'-Dichlorobenzidine
 Concen: 18.88 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	47147		
254	62.2	51.4	77.2	
126	14.0	16.4	24.6	

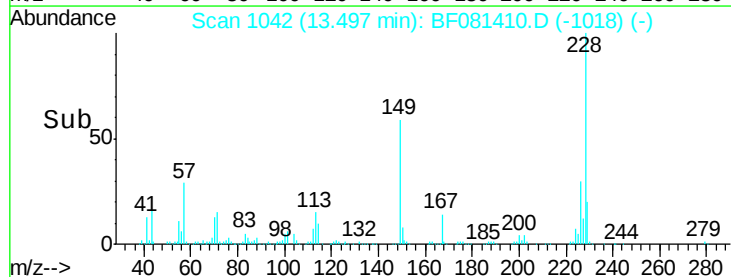
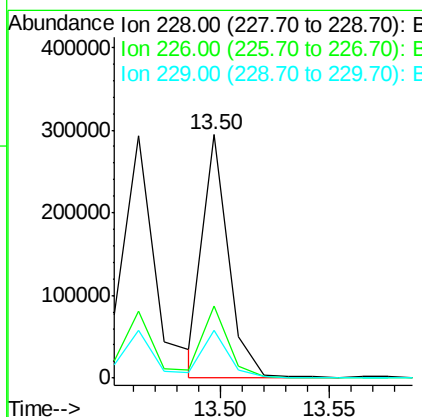
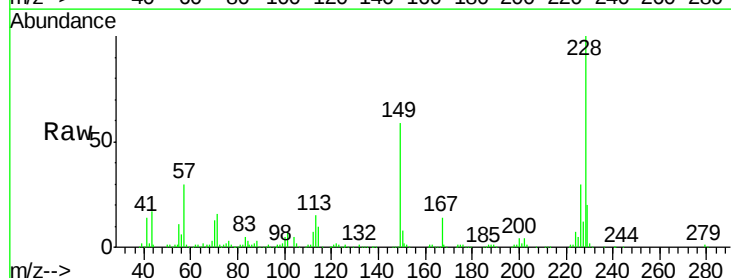
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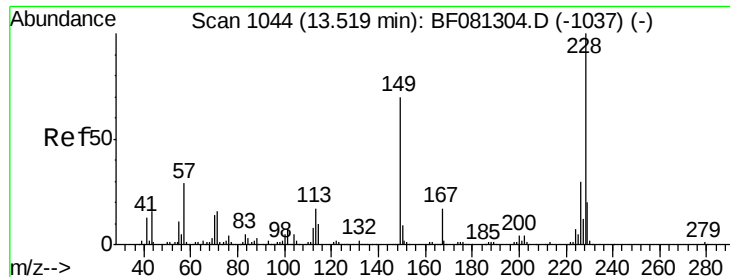
MMDadoda
 9/4/2015 2:51:50 PM



#82
 Chrysene
 Concen: 35.95 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	238616		
226	29.8	21.0	31.4	
229	19.7	15.6	23.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.31 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

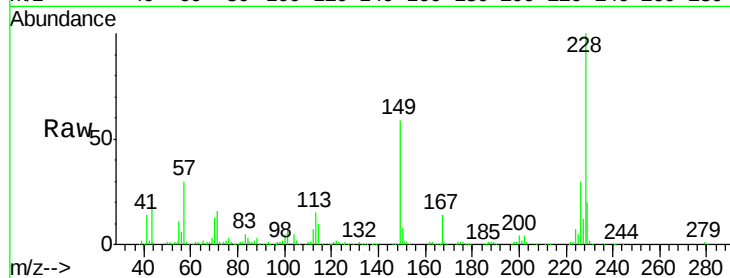
ClientSampleId :

P005-BF001-01MS

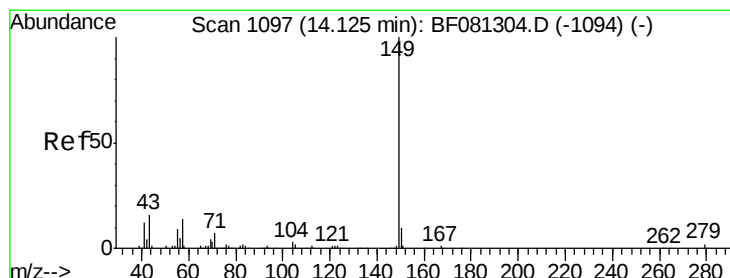
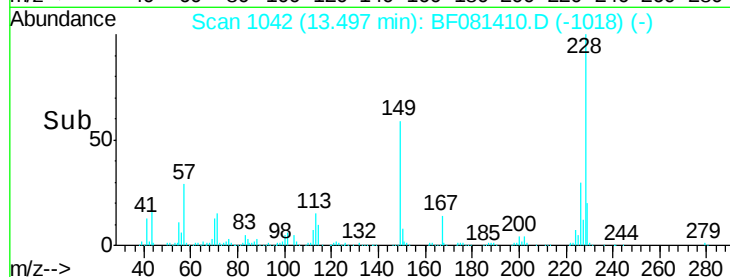
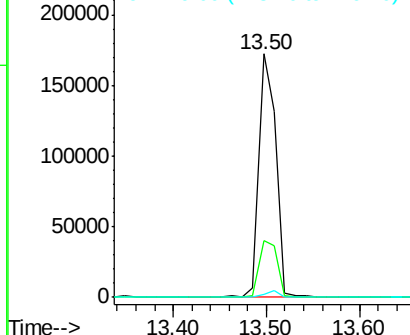
Tot Ion:	149	Resp:	219037
Ion Ratio		Lower	Upper
149	100		
167	23.5	24.2	36.2#
279	1.5	3.8	5.6#

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



#84

Di-n-octyl phthalate

Concen: 37.81 ng

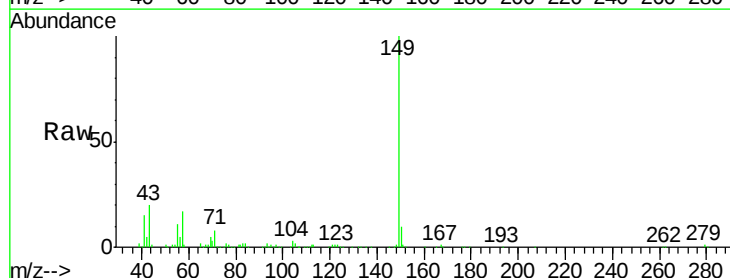
RT: 14.10 min Scan# 1095

Delta R.T. -0.02 min

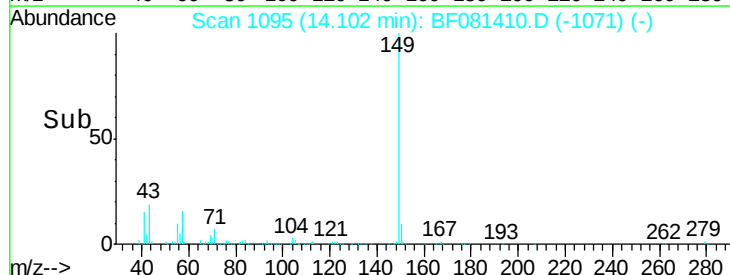
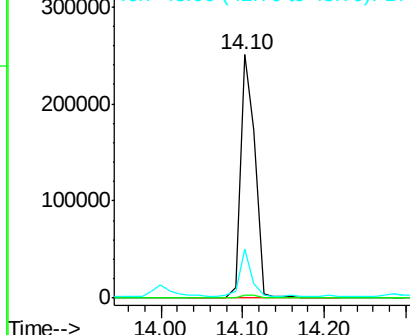
Lab File: BF081410.D

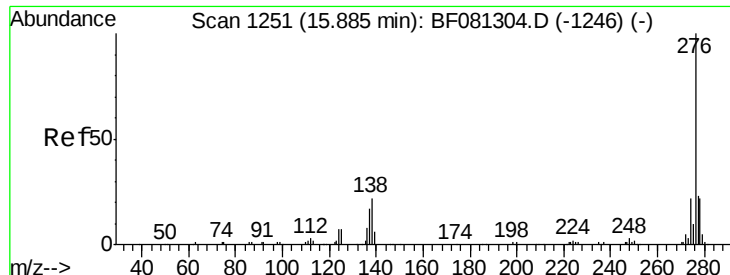
Acq: 4 Sep 2015 8:55

Tgt Ion:	149	Resp:	307731
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.0	1.6
43	14.8	10.2	15.2



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





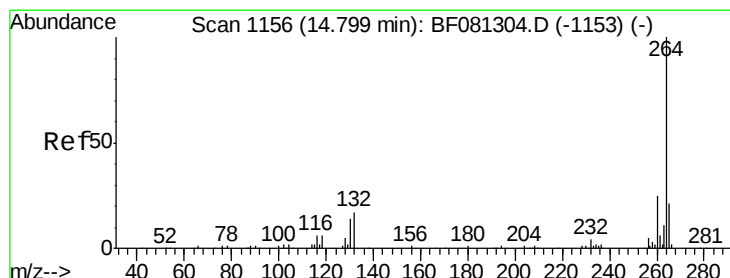
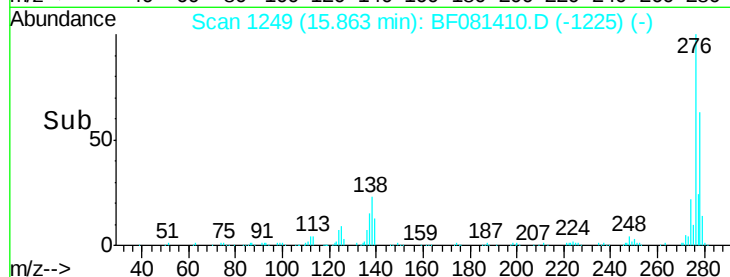
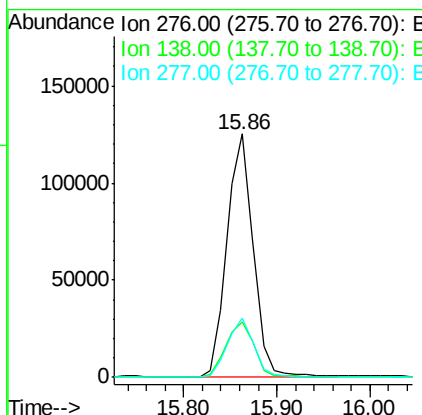
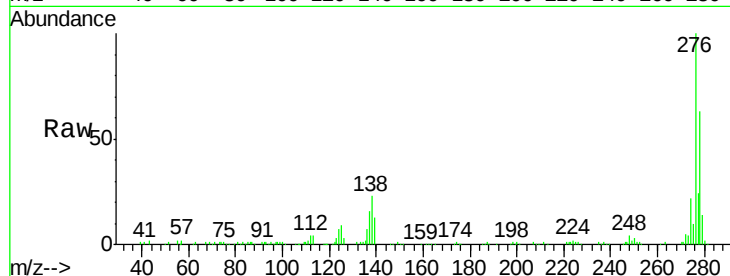
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.83 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :
P005-BF001-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.7	38.5#
277	24.5	15.6	23.4#

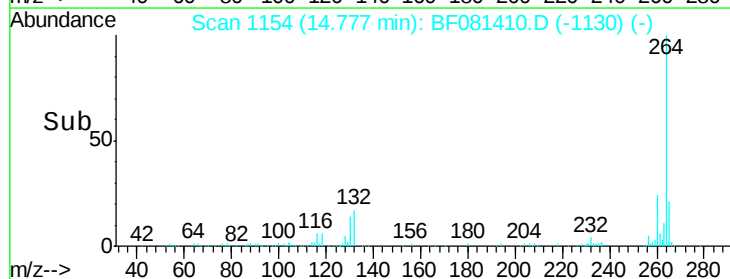
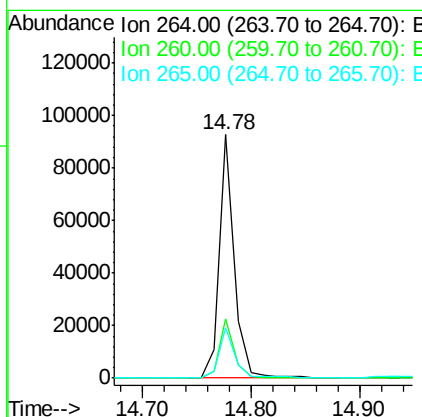
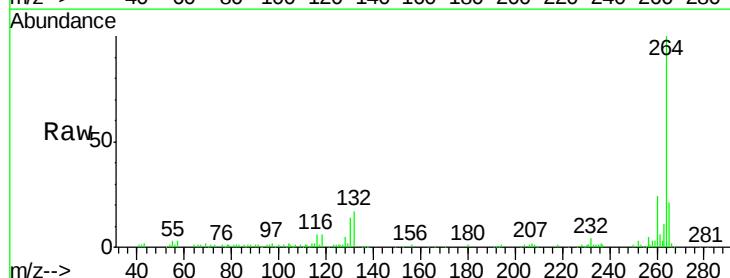
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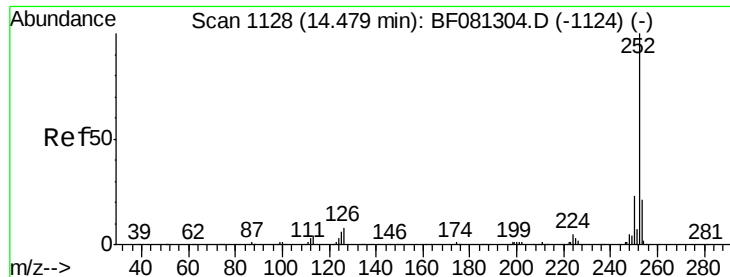
MMDadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.40 ng m

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

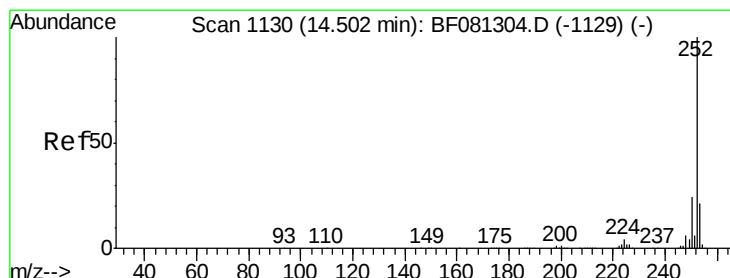
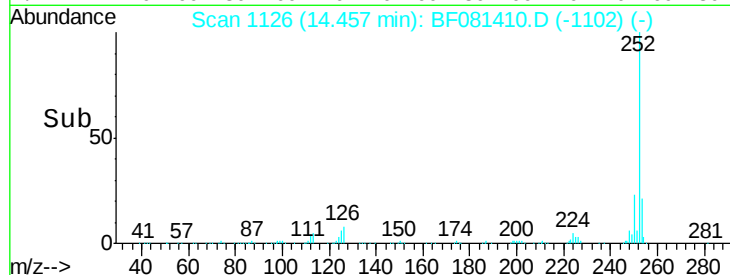
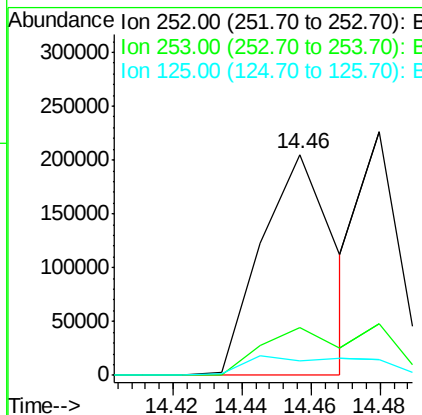
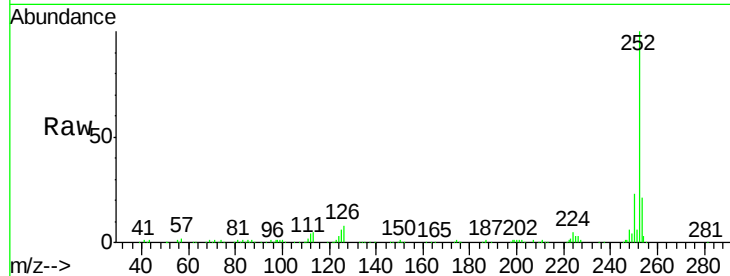
ClientSampleId :

P005-BF001-01MS

Tot Ion:	252	Resp:	304389
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	6.3	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 32.17 ng m

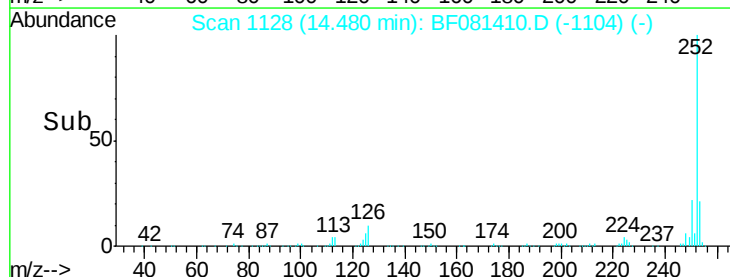
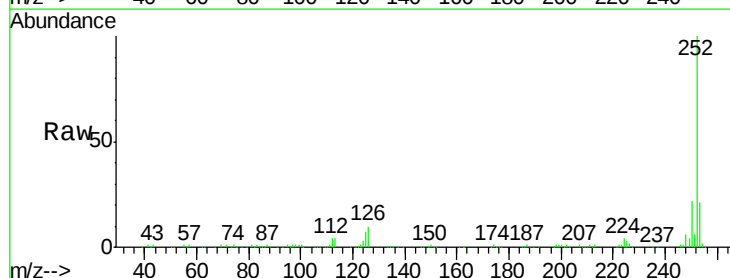
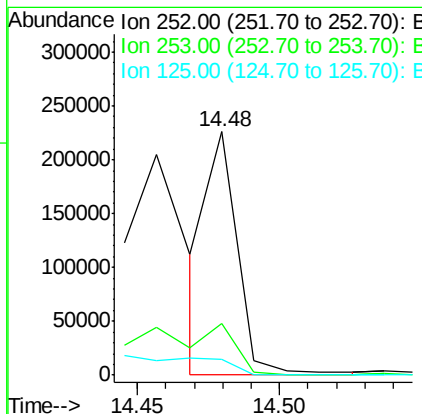
RT: 14.48 min Scan# 1128

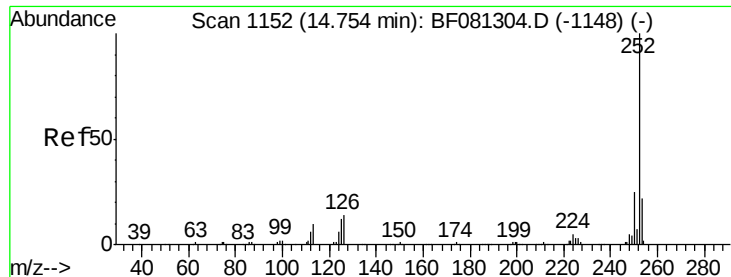
Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:	252	Resp:	171421
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.4
125	6.6	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 41.62 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

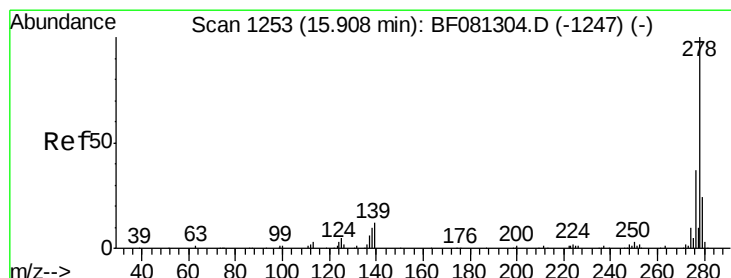
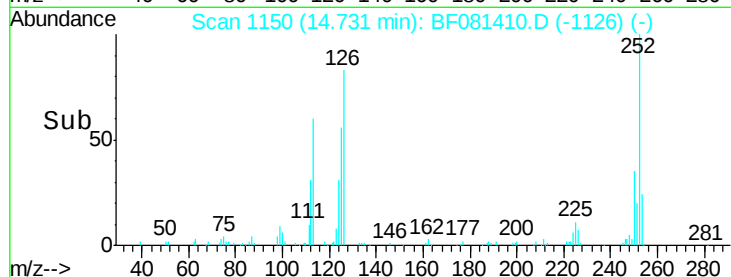
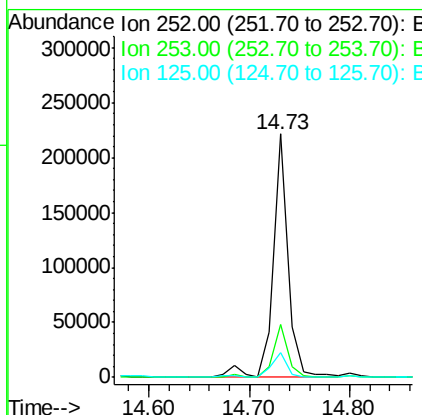
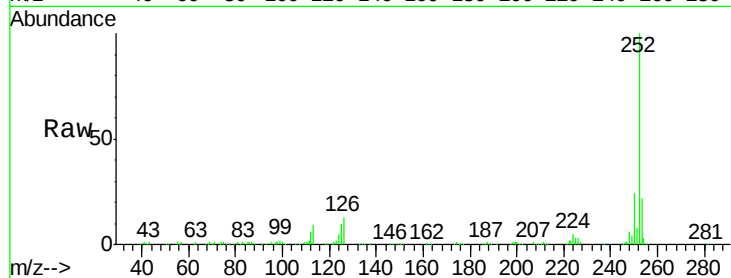
ClientSampleId :

P005-BF001-01MS

Tot Ion:	252	Resp:	226482
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.0	18.0	27.0#

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#90

Dibenzo(a,h)anthracene

Concen: 48.38 ng

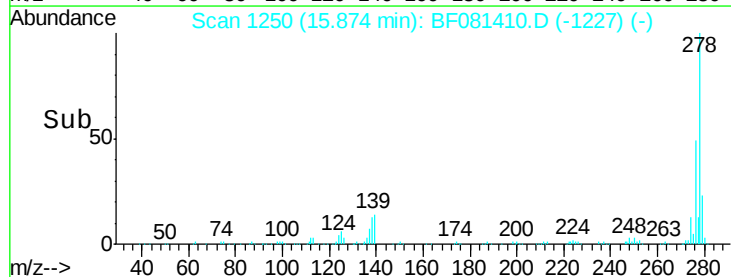
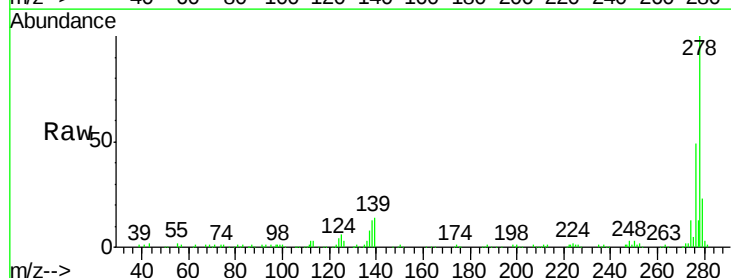
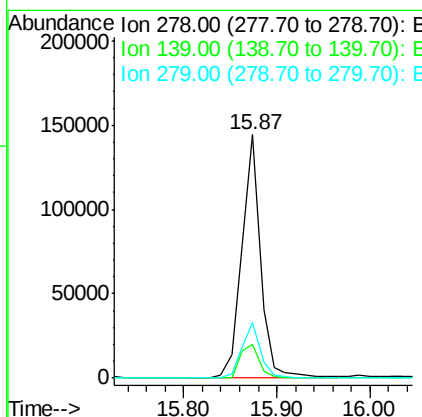
RT: 15.87 min Scan# 1250

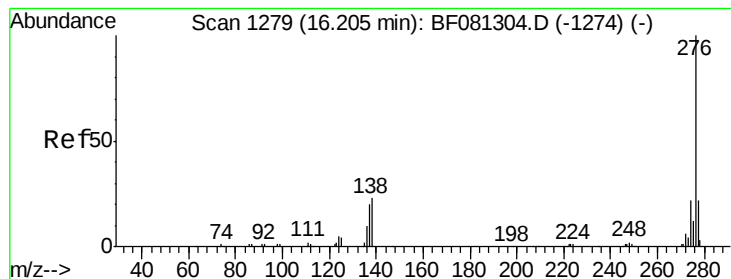
Delta R.T. -0.03 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:	278	Resp:	203436
Ion Ratio		Lower	Upper
278	100		
139	13.8	26.3	39.5#
279	22.5	18.2	27.4





#91

Benzo(a,h,i)perylene

Concen: 52.53 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF081410.D

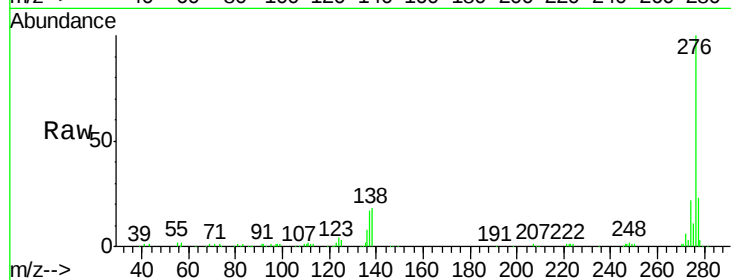
Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01MS



Tot Ion:	276	Resp:	210801
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.8	26.6
138	18.4	34.6	51.8#

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