

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081525.D
 Acq On : 8 Sep 2015 16:34
 Operator : UM/IZ
 Sample : PB85410BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Manual Integrations
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 9/9/2015 2:57:58 PM

Quant Time: Sep 09 00:36:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	50548	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	191663	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	93617	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	198990	20.00	ng	0.00
75) Chrysene-d12	13.45	240	160512	20.00	ng	0.00
86) Perylene-d12	14.75	264	99246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	379023	116.34	ng	0.02
7) Phenol-d6	6.02	99	461988	107.13	ng	0.00
23) Nitrobenzene-d5	6.92	82	295867	74.48	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	105938	127.09	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	493645	67.57	ng	0.00
78) Terphenyl-d14	12.42	244	487596	70.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	38512	26.32	ng	# 79
3) Pyridine	2.27	79	109649	27.18	ng	# 83
4) n-Nitrosodimethylamine	2.24	42	82178	36.66	ng	# 71
6) Aniline	6.01	93	169755	27.88	ng	# 80
8) 2-Chlorophenol	6.14	128	131618	36.66	ng	94
9) Benzaldehyde	5.88	77	89122	32.98	ng	# 81
10) Phenol	6.03	94	184326	36.86	ng	# 52
11) bis(2-Chloroethyl)ether	6.10	93	136993	37.97	ng	88
12) 1,3-Dichlorobenzene	6.28	146	139487	36.36	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	143554	36.76	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	123603	35.15	ng	# 86
15) Benzyl Alcohol	6.51	79	127240	35.97	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	6.65	45	276844	40.03	ng	# 7
17) 2-Methylphenol	6.65	107	112141	39.15	ng	# 75
18) Hexachloroethane	6.86	117	55223	36.34	ng	90
19) n-Nitroso-di-n-propylamine	6.79	70	101150	34.46	ng	# 90
20) 3+4-Methylphenols	6.81	107	142065	36.78	ng	86
22) Acetophenone	6.78	105	193612	36.98	ng	# 75
24) Nitrobenzene	6.95	77	170063	41.22	ng	# 67
25) Isophorone	7.19	82	279173	37.78	ng	# 82
26) 2-Nitrophenol	7.27	139	69219	38.50	ng	# 55
27) 2,4-Dimethylphenol	7.32	122	112431	36.20	ng	# 73
28) bis(2-Chloroethoxy)methane	7.42	93	155214	36.37	ng	# 91
29) 2,4-Dichlorophenol	7.52	162	104519	38.81	ng	98
30) 1,2,4-Trichlorobenzene	7.59	180	117170	40.05	ng	98
31) Naphthalene	7.66	128	362179	35.43	ng	98
32) Benzoic acid	7.48	122	56957	26.87	ng	# 50
33) 4-Chloroaniline	7.72	127	94498	22.67	ng	# 82
34) Hexachlorobutadiene	7.78	225	65401	36.73	ng	97
35) Caprolactam	8.10	113	37583m	45.50	ng	
36) 4-Chloro-3-methylphenol	8.24	107	130364	43.25	ng	# 82
37) 2-Methylnaphthalene	8.35	142	267733	40.25	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	100493	33.94	ng	97
40) Hexachlorocyclopentadiene	8.50	237	104027	71.60	ng	94

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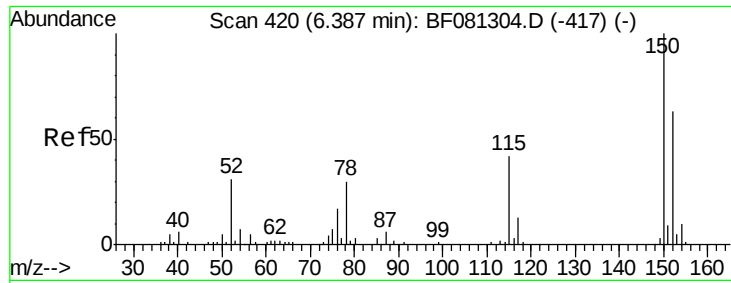
Manual Integrations
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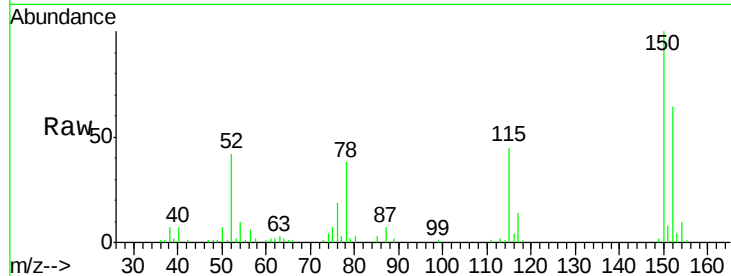
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	72071	35.27	ng	98
43) 2,4,5-Trichlorophenol	8.68	196	82431	39.54	ng #	91
45) 1,1'-Biphenyl	8.82	154	294521	34.20	ng	95
46) 2-Chloronaphthalene	8.83	162	233246	37.50	ng #	89
47) 2-Nitroaniline	8.95	65	98557	38.88	ng #	80
48) Acenaphthylene	9.23	152	371511	33.67	ng	97
49) Dimethylphthalate	9.13	163	271619	37.34	ng #	97
50) 2,6-Dinitrotoluene	9.19	165	50505	30.59	ng #	1
51) Acenaphthene	9.42	154	217079	34.58	ng	90
52) 3-Nitroaniline	9.36	138	42450	22.59	ng #	87
53) 2,4-Dinitrophenol	9.47	184	58384	83.97	ng #	74
54) Dibenzofuran	9.59	168	350625	38.25	ng	92
55) 4-Nitrophenol	9.55	139	98145	83.12	ng #	19
56) 2,4-Dinitrotoluene	9.59	165	74480	35.43	ng #	12
57) Fluorene	9.92	166	255489	36.73	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	68898	43.29	ng	94
59) Diethylphthalate	9.83	149	289433	37.83	ng	95
60) 4-Chlorophenyl-phenylether	9.93	204	125591	38.74	ng	95
61) 4-Nitroaniline	9.96	138	65274	34.38	ng #	25
62) Azobenzene	10.08	77	326269	38.36	ng	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	42035	37.77	ng	90
65) n-Nitrosodiphenylamine	10.04	169	215876	29.81	ng	90
66) 4-Bromophenyl-phenylether	10.41	248	75954	37.75	ng #	88
67) Hexachlorobenzene	10.46	284	71921	34.19	ng #	60
68) Atrazine	10.58	200	73049	34.86	ng #	80
69) Pentachlorophenol	10.66	266	72233	71.56	ng	97
70) Phenanthrene	10.87	178	414580	37.48	ng	97
71) Anthracene	10.91	178	364999	32.11	ng	98
72) Carbazole	11.09	167	406190	38.08	ng	96
73) Di-n-butylphthalate	11.44	149	503042	39.94	ng #	99
74) Fluoranthene	12.03	202	403985	33.73	ng	91
76) Benzidine	12.18	184	208401	30.24	ng	98
77) Pyrene	12.26	202	479340	40.32	ng	99
79) Butylbenzylphthalate	12.91	149	200278	38.73	ng	96
80) Benzo(a)anthracene	13.44	228	375629	36.75	ng	98
81) 3,3'-Dichlorobenzidine	13.42	252	64380	18.67	ng #	95
82) Chrysene	13.47	228	270670	29.54	ng	95
83) Bis(2-ethylhexyl)phthalate	13.47	149	241868	35.44	ng #	89
84) Di-n-octyl phthalate	14.08	149	350777	31.22	ng	96
85) Indeno(1,2,3-cd)pyrene	15.83	276	227602	33.86	ng #	85
87) Benzo(b)fluoranthene	14.43	252	321937m	45.44	ng	
88) Benzo(k)fluoranthene	14.46	252	205380m	34.93	ng	
89) Benzo(a)pyrene	14.71	252	229215	38.18	ng #	86
90) Dibenzo(a,h)anthracene	15.84	278	194164	41.85	ng #	77
91) Benzo(g,h,i)perylene	16.14	276	186556	42.13	ng #	75

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.34 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

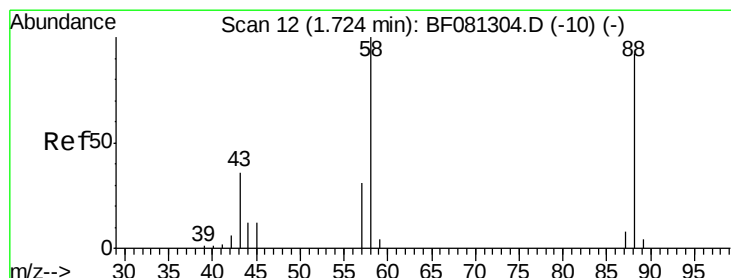
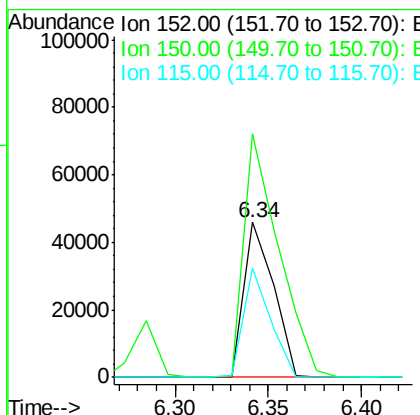
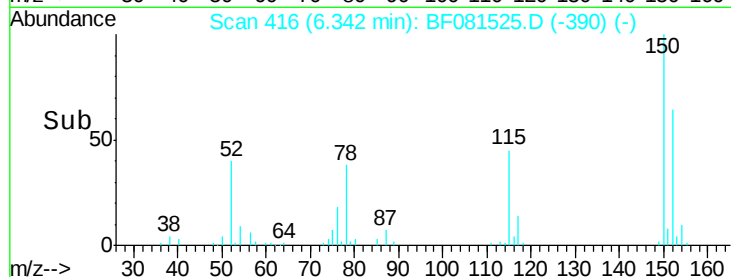
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS



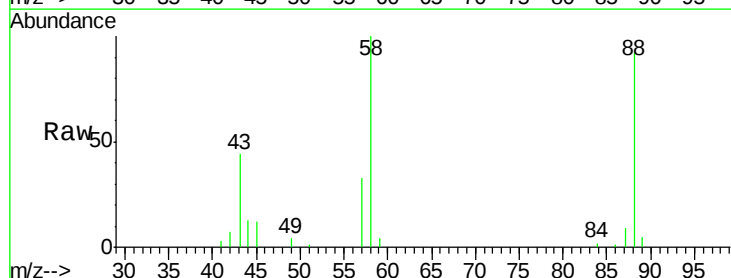
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	70.5	39.0	58.4

Manual Integrations
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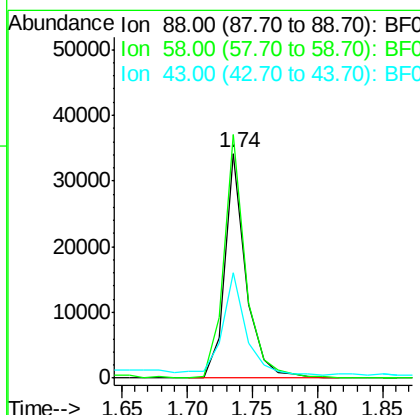
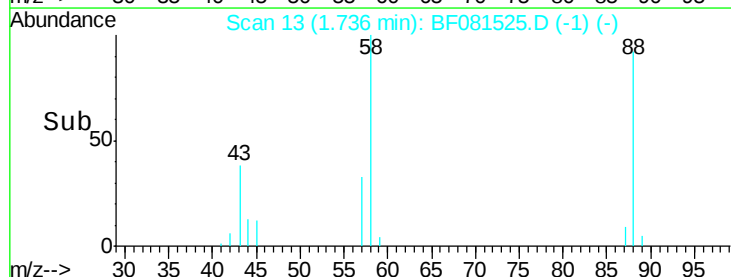
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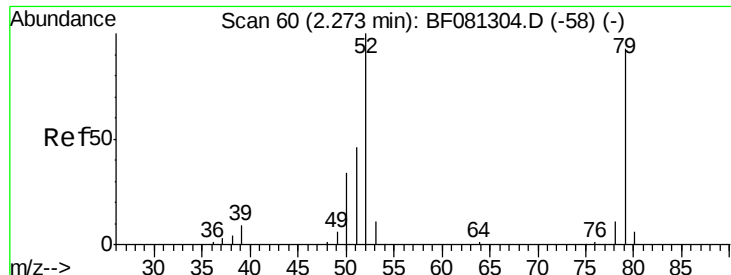


#2
 1,4-Dioxane
 Concen: 26.32 ng
 RT: 1.74 min Scan# 13
 Delta R.T. 0.09 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34



Tgt Ion	Ratio	Lower	Upper
88	100		
58	112.4	77.7	116.5
43	53.3	26.6	40.0





#3

Pyridine

Concen: 27.18 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

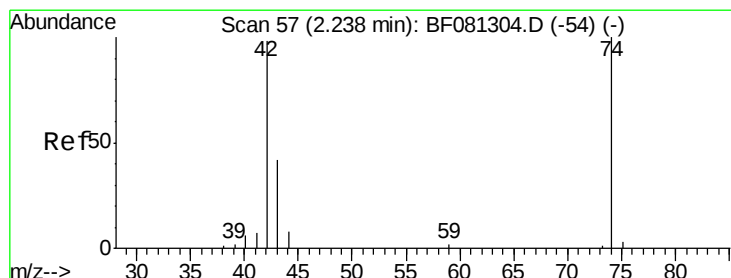
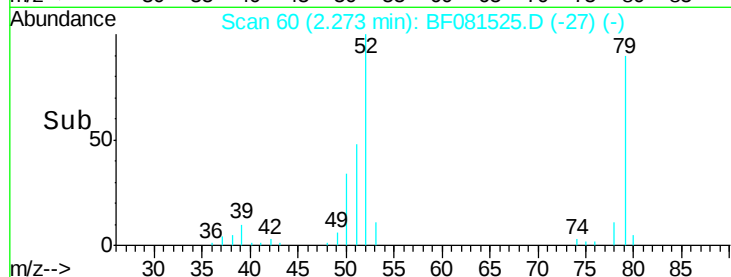
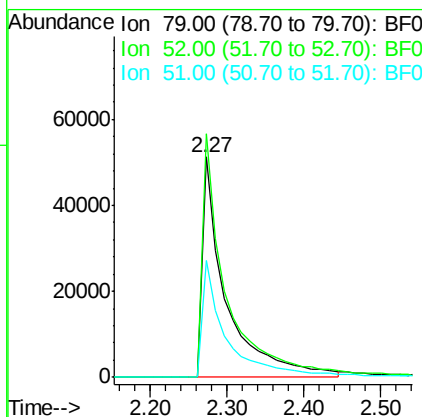
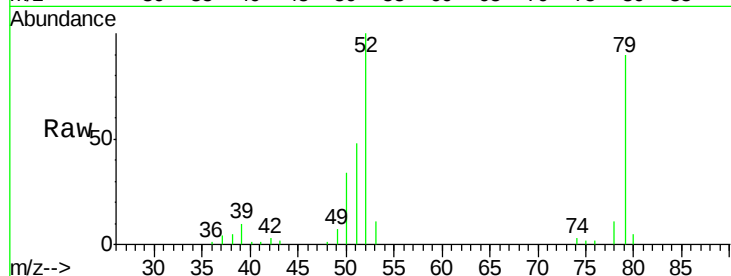
ClientSampleId :

PB85410BS

Tgt Ion:	79	Resp:	109649
Ion	Ratio	Lower	Upper
79	100		
52	110.6	76.8	115.2
51	53.2	32.2	48.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.66 ng

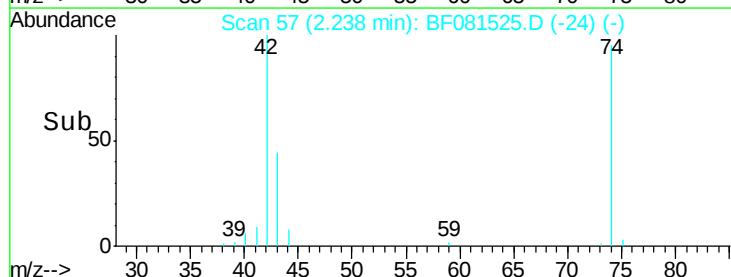
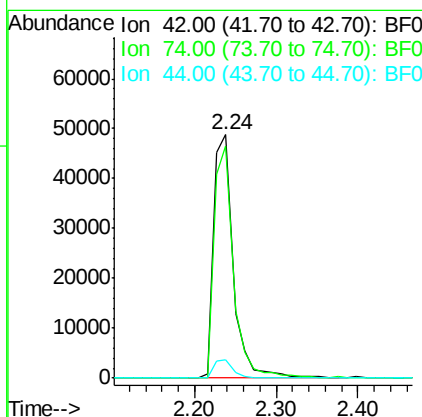
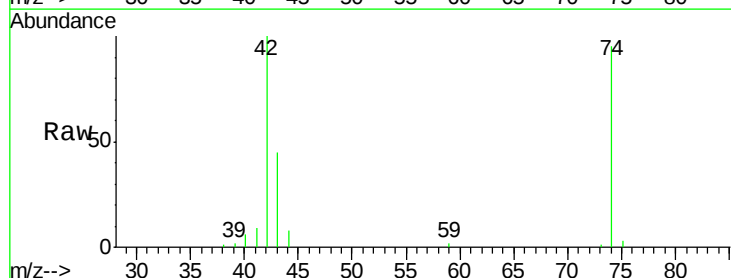
RT: 2.24 min Scan# 57

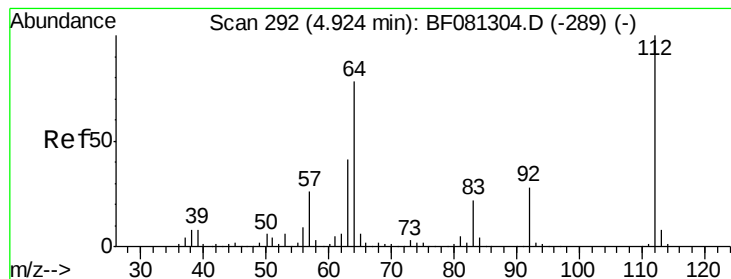
Delta R.T. 0.08 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:	42	Resp:	82178
Ion	Ratio	Lower	Upper
42	100		
74	95.5	105.0	157.6#
44	7.6	6.6	10.0





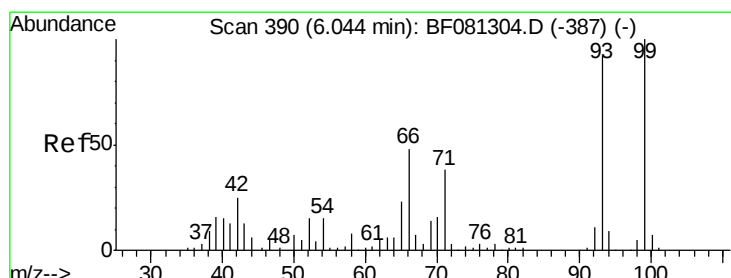
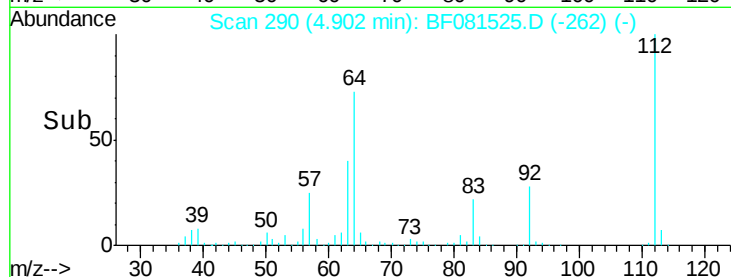
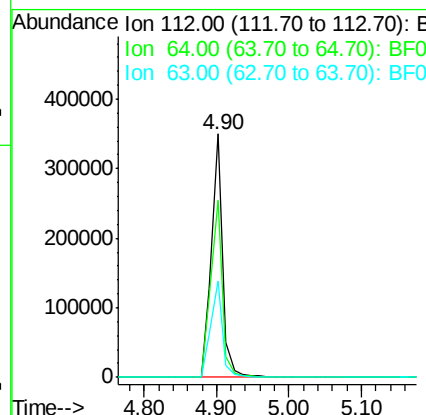
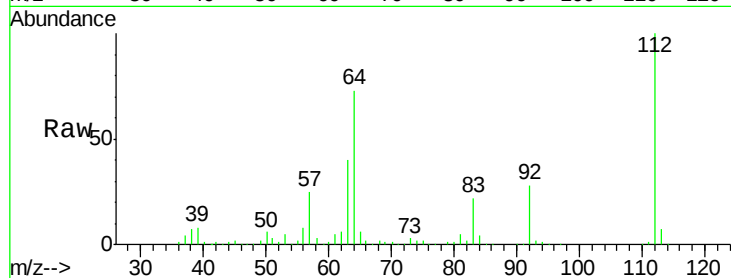
#5
 2-Fluorophenol
 Concen: 116.34 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	72.6	39.7	59.5#
63	39.5	17.4	26.0#

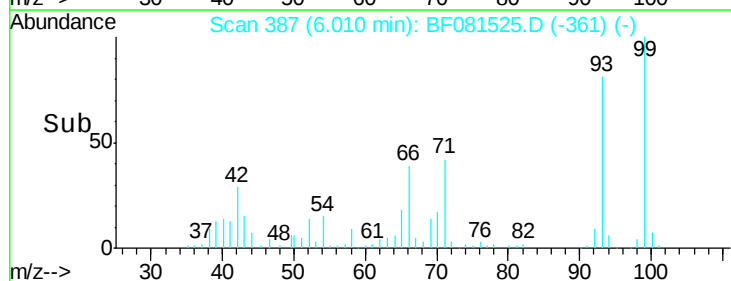
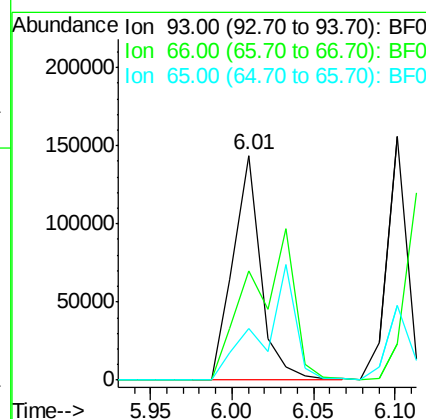
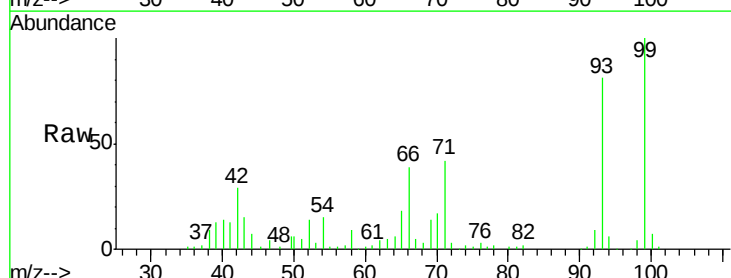
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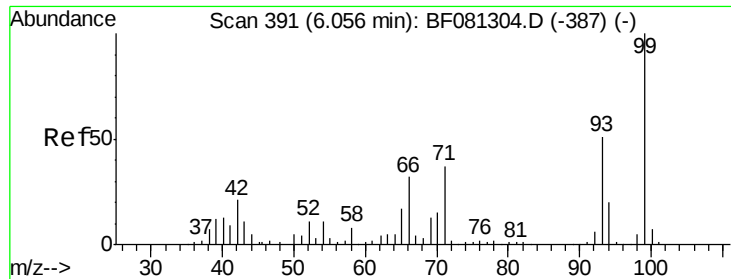
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#6
 Aniline
 Concen: 27.88 ng
 RT: 6.01 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	48.6	27.2	40.8#
65	22.9	14.7	22.1#





#7

Phenol-d6

Concen: 107.13 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

Tgt Ion: 99 Resp: 461988

Ion Ratio Lower Upper

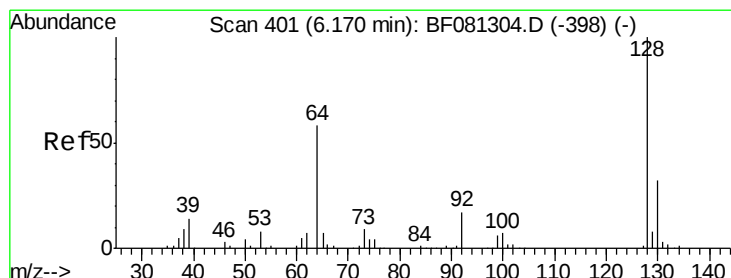
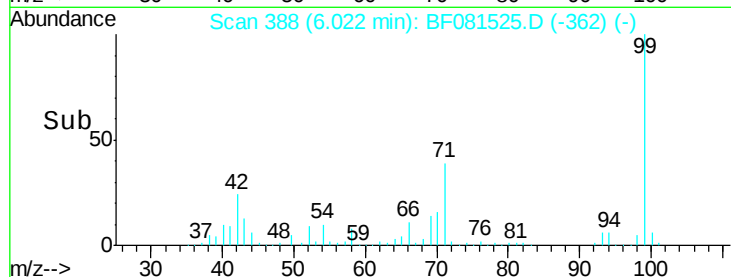
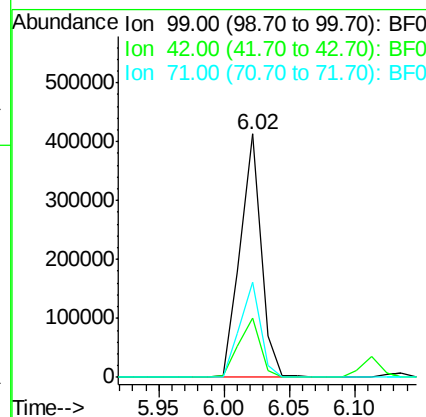
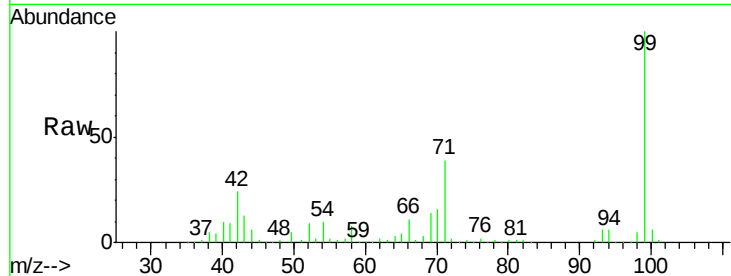
99 100

42 24.1 13.7 20.5#

71 39.0 14.2 21.2#

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#8

2-Chlorophenol

Concen: 36.66 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

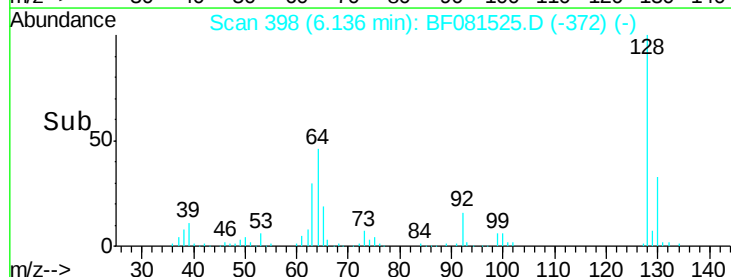
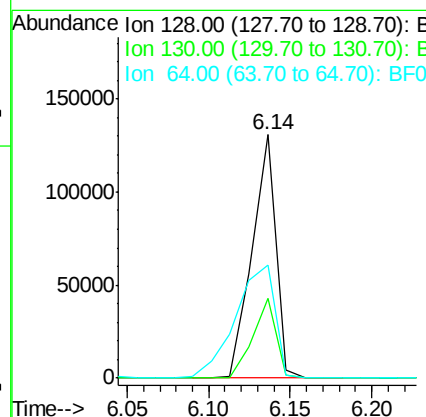
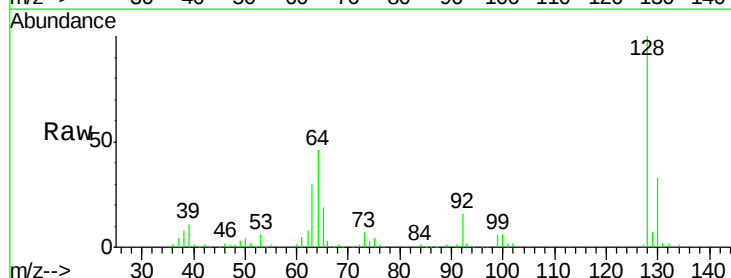
Tgt Ion: 128 Resp: 131618

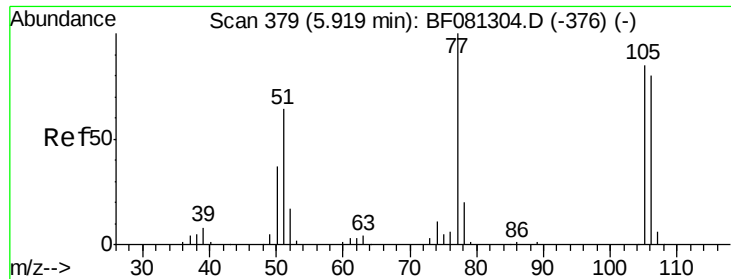
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 46.3 20.5 60.5





#9

Benzaldehyde

Concen: 32.98 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

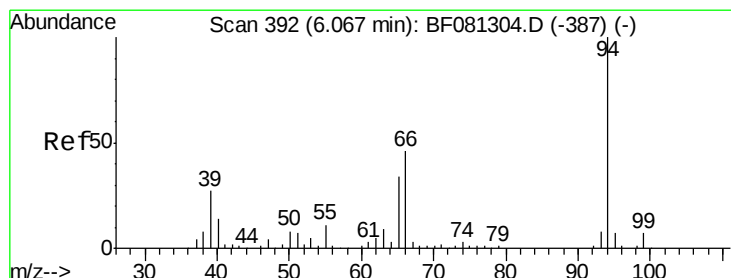
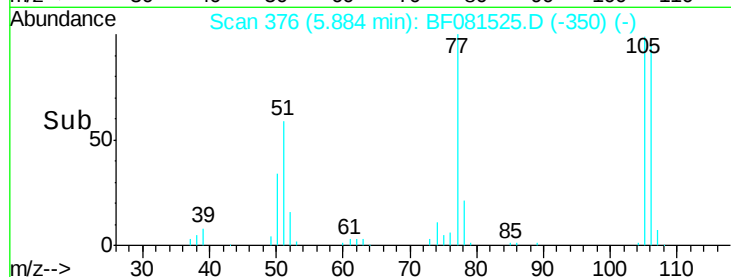
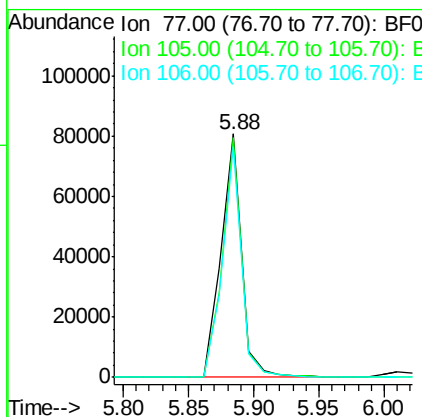
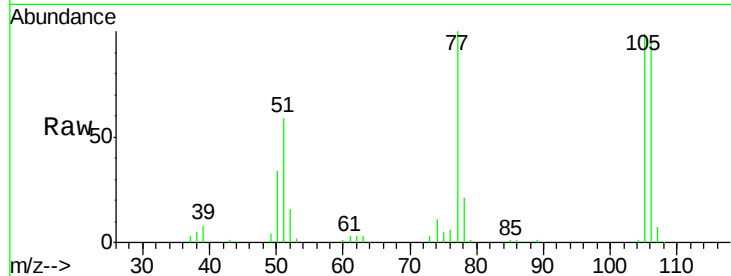
ClientSampleId :

PB85410BS

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Tgt Ion:	77	Resp:	89122
Ion	Ratio	Lower	Upper
77	100		
105	98.6	91.6	131.6
106	94.8	102.6	142.6#



#10

Phenol

Concen: 36.86 ng

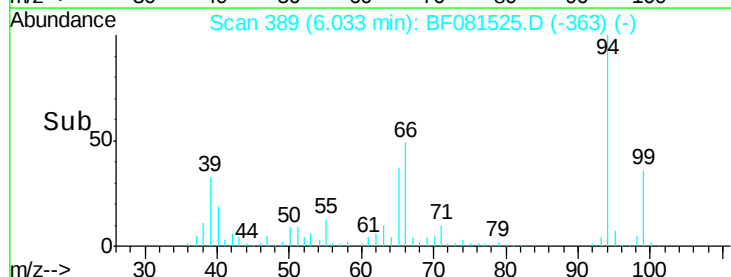
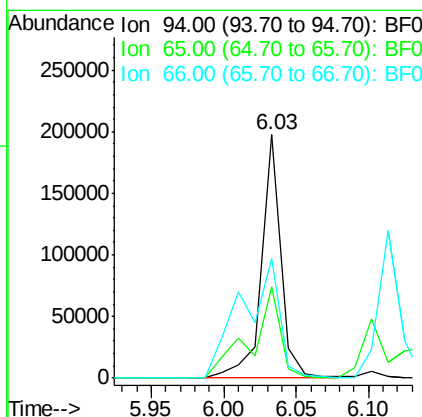
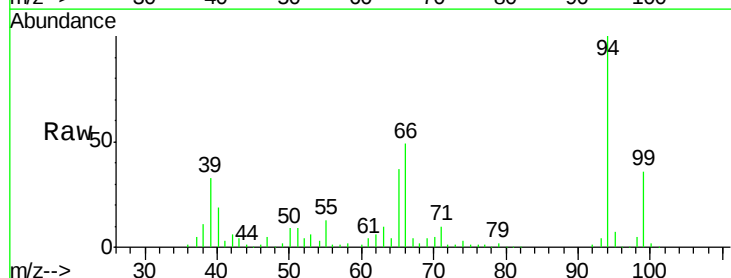
RT: 6.03 min Scan# 389

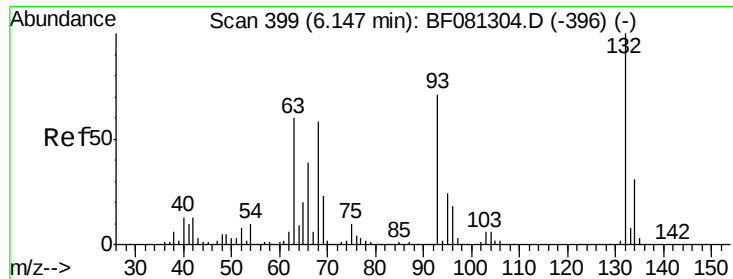
Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:	94	Resp:	184326
Ion	Ratio	Lower	Upper
94	100		
65	37.5	0.7	40.7
66	49.0	0.8	40.8#





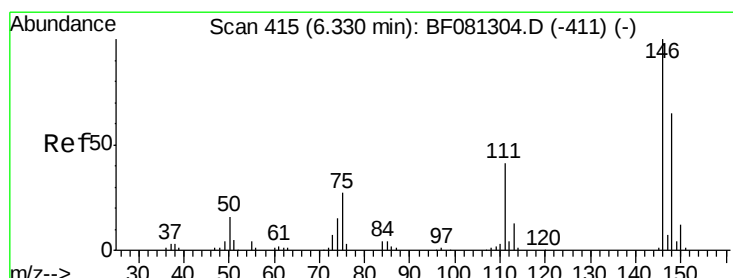
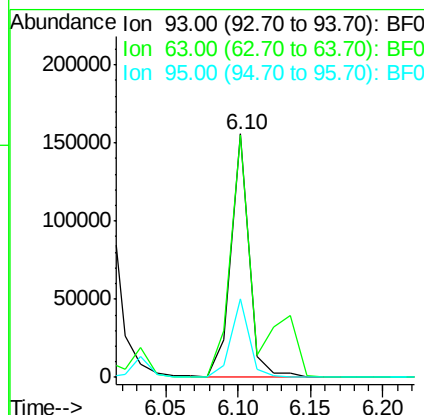
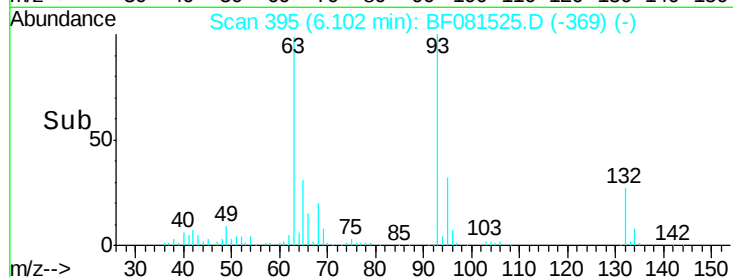
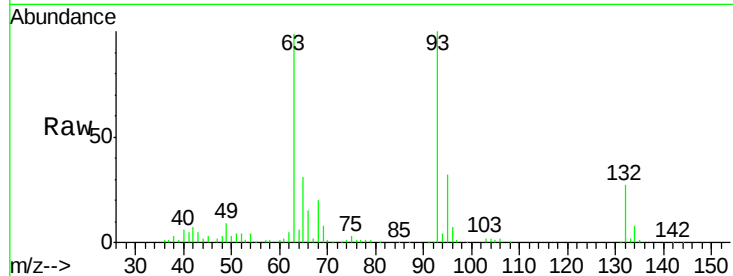
#11
bis(2-Chloroethyl)ether
Concen: 37.97 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	136993		
63	99.5	65.6	105.6	
95	32.3	13.6	53.6	

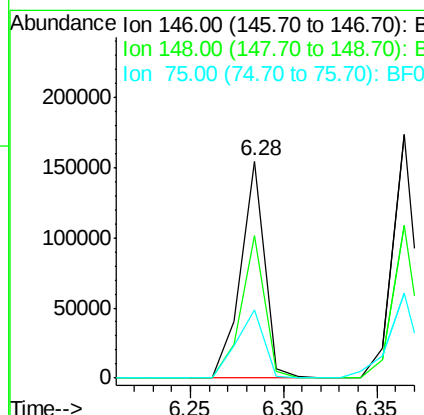
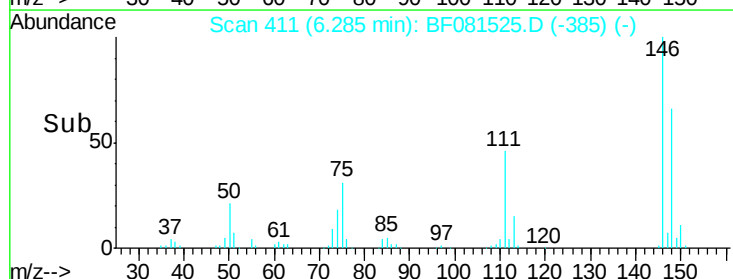
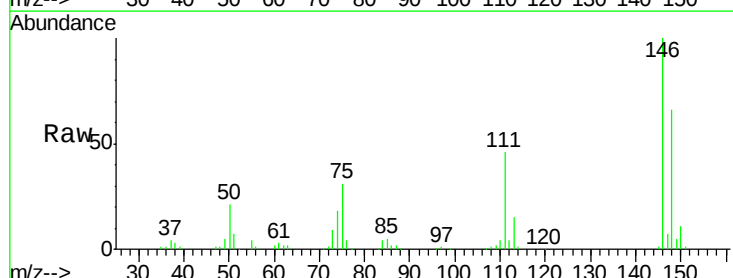
Manual Integrations
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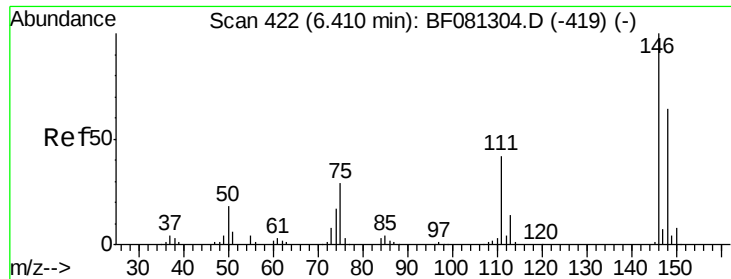
MMDadoda
9/9/2015 2:57:58 PM



#12
1,3-Dichlorobenzene
Concen: 36.36 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139487		
148	65.5	51.0	76.4	
75	31.4	15.0	22.6	





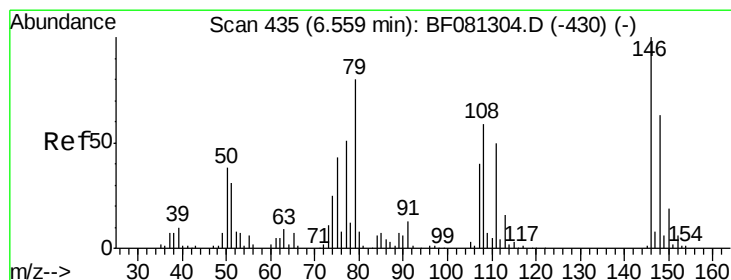
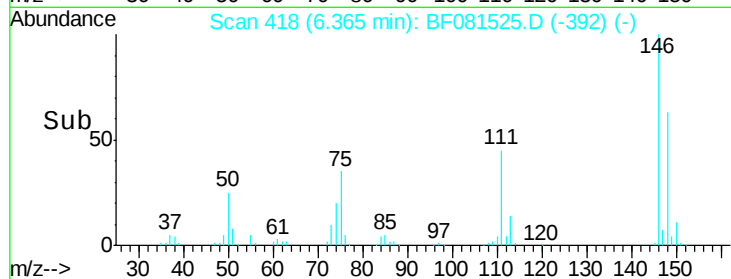
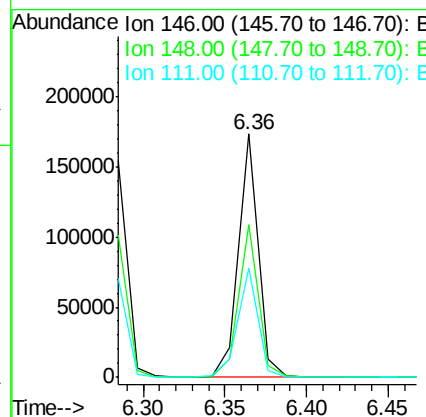
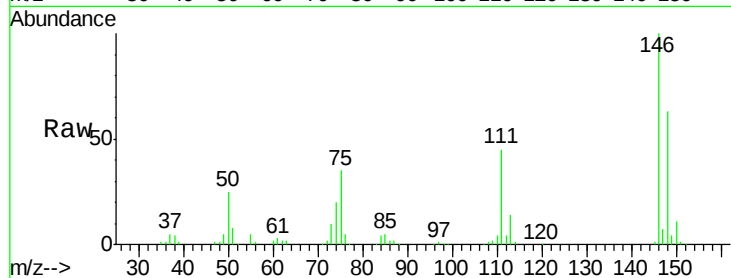
#13
 1,4-Dichlorobenzene
 Concen: 36.76 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
111	45.0	24.9	37.3

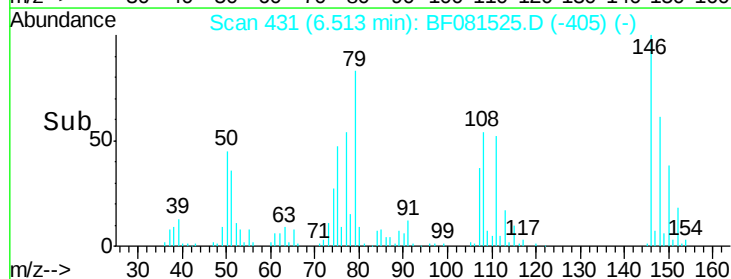
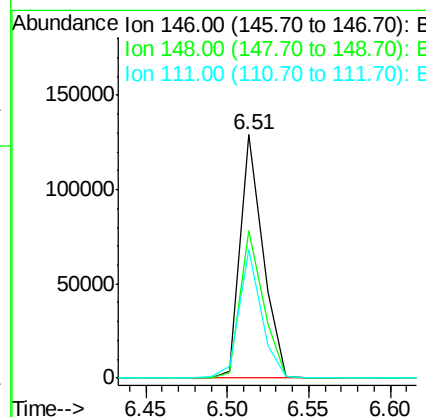
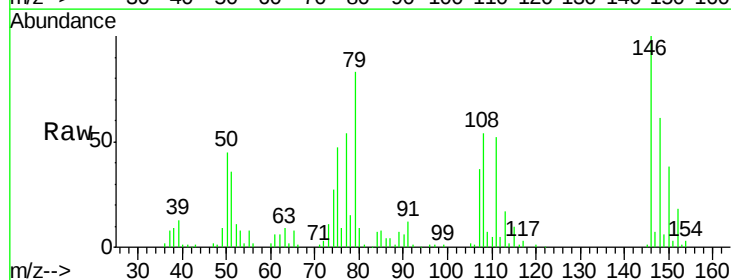
Manual Integrations
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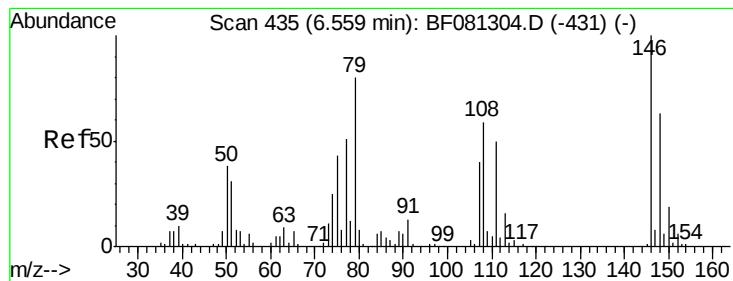
MMDadoda
 9/9/2015 2:57:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	52.7	79.1
111	52.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 35.97 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

Tgt Ion: 79 Resp: 127240

Ion Ratio Lower Upper

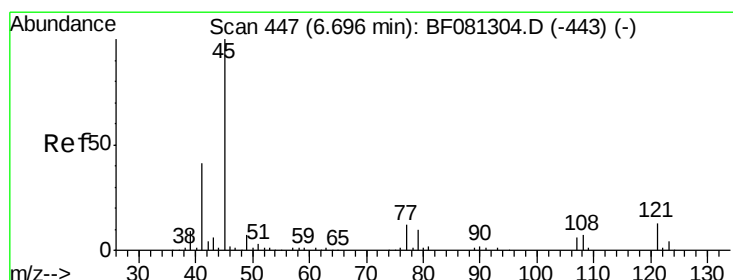
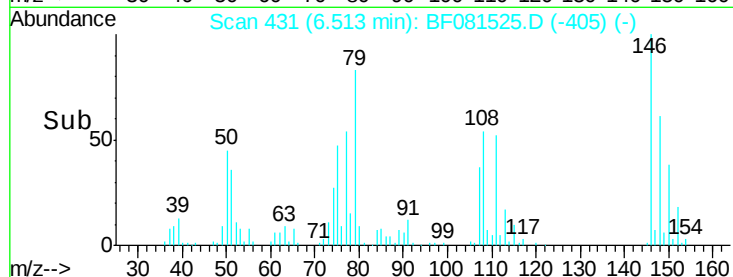
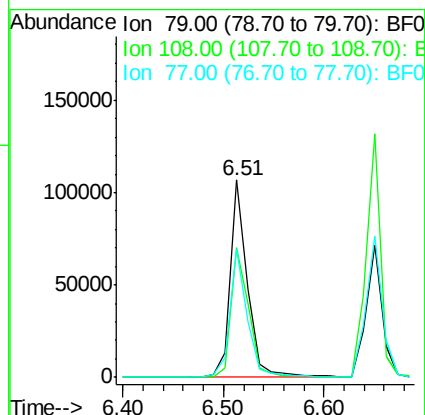
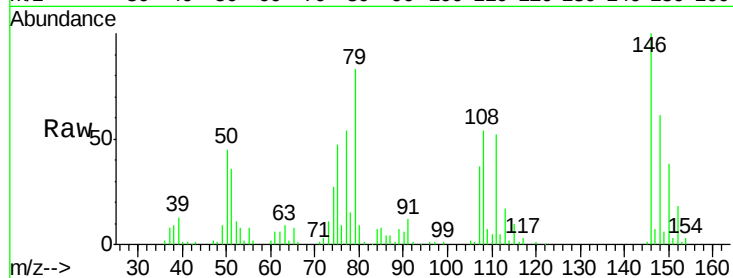
79 100

108 65.6 88.6 132.8#

77 64.8 47.0 70.4

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:58 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.03 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

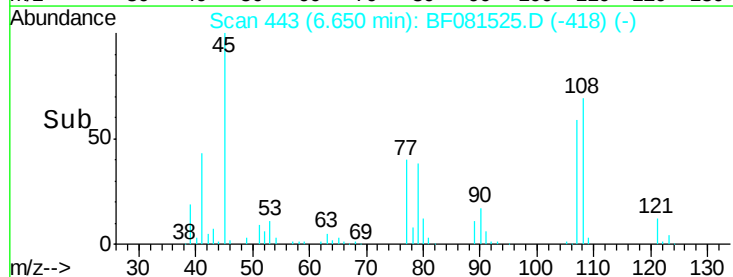
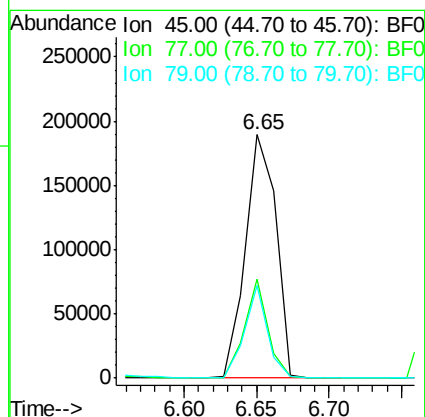
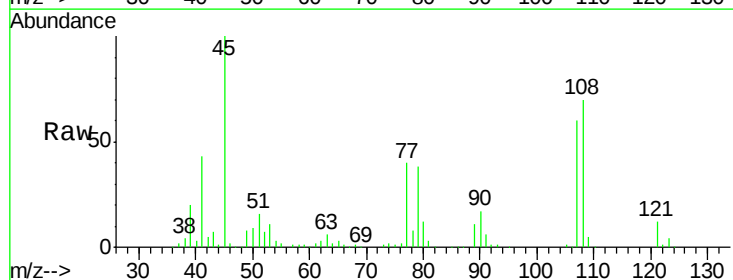
Tgt Ion: 45 Resp: 276844

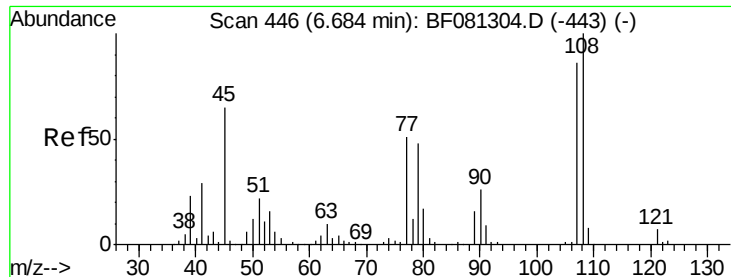
Ion Ratio Lower Upper

45 100

77 40.5 0.0 28.1#

79 37.8 0.0 26.0#





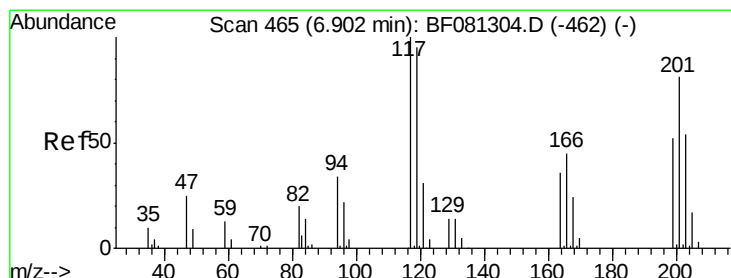
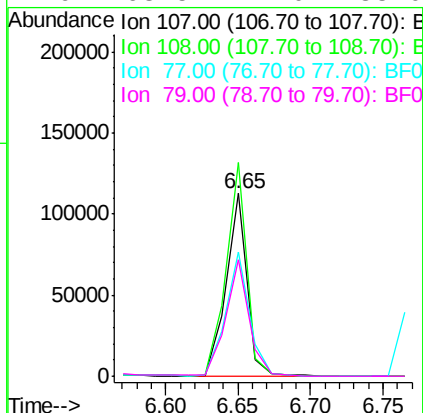
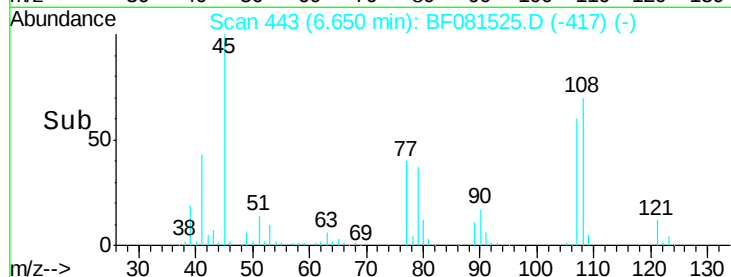
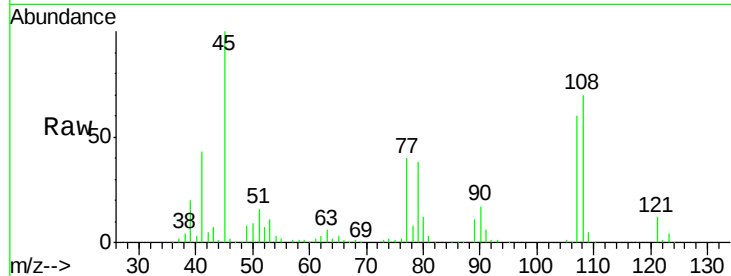
#17
2-Methylphenol
Concen: 39.15 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	112141		
108	116.8	96.6	145.0	
77	68.0	23.3	34.9	
79	63.5	22.0	33.0	

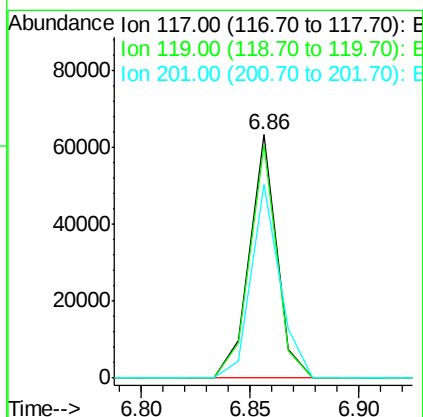
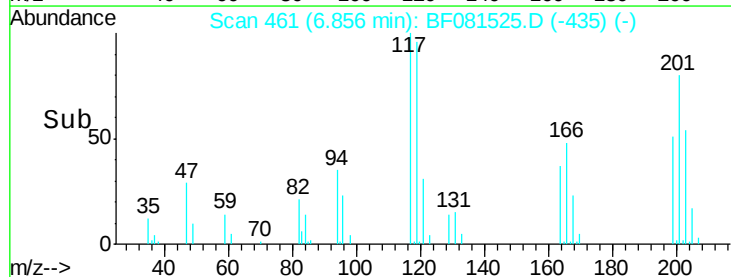
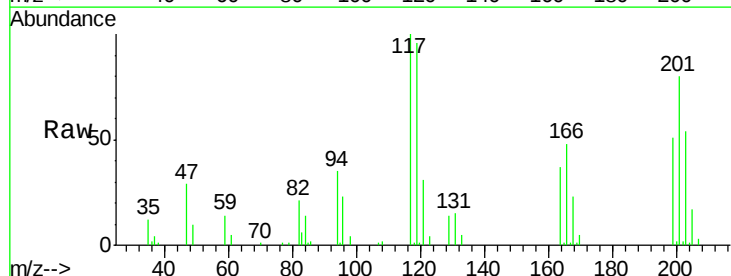
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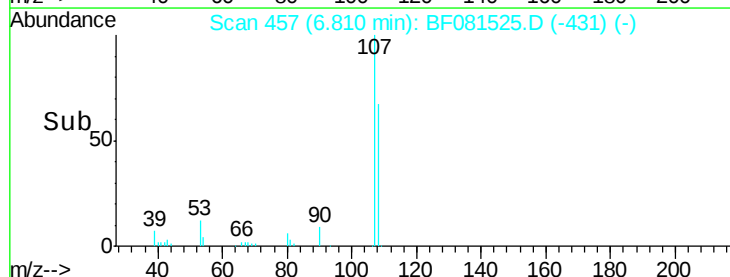
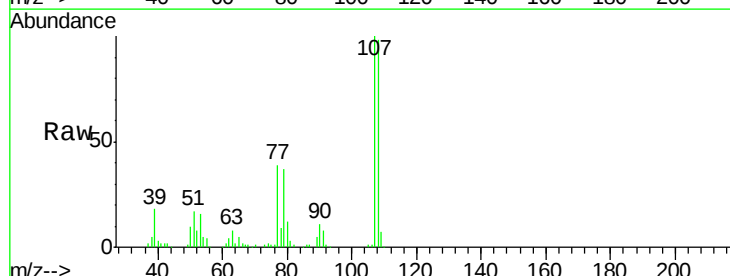
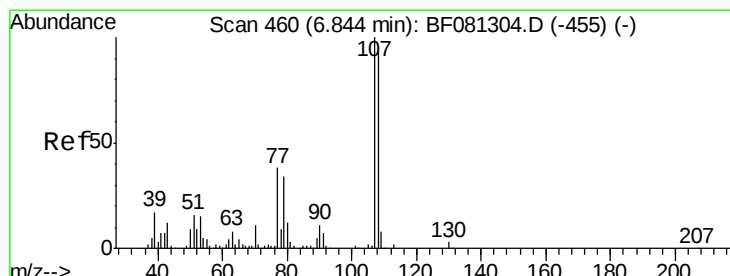
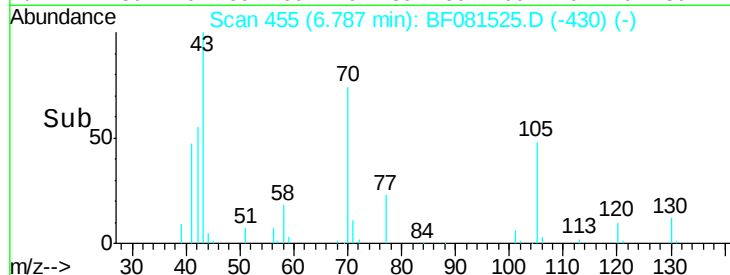
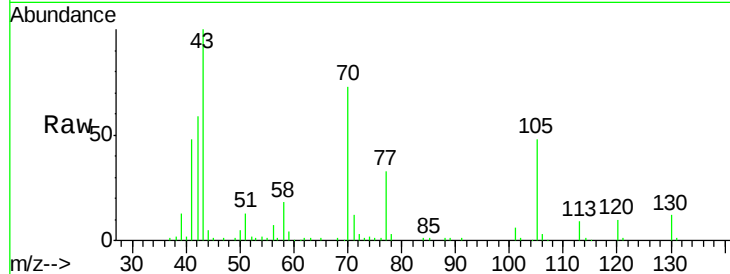
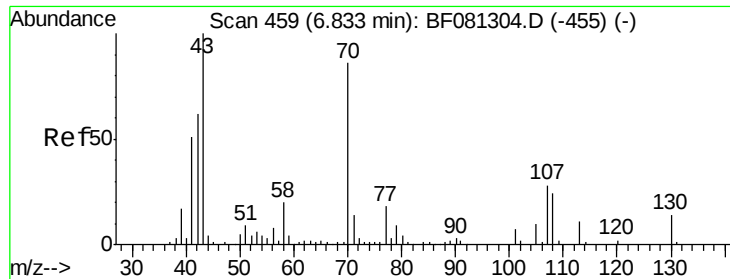
MMDadoda
9/9/2015 2:57:58 PM



#18
Hexachloroethane
Concen: 36.34 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55223		
119	96.0	83.8	125.6	
201	79.7	55.1	82.7	





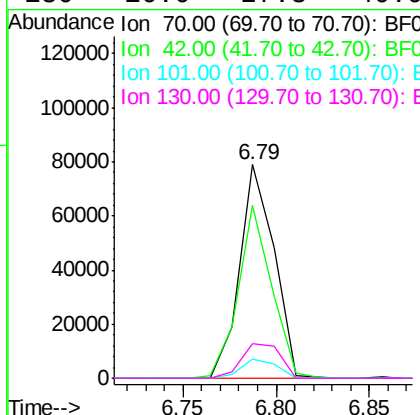
#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.8	63.8	95.6
101	8.8	9.2	13.8
130	16.0	27.3	40.9

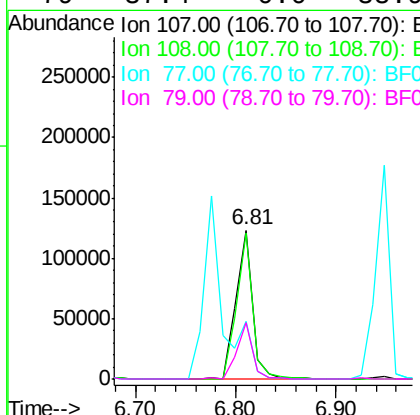
Manual Integrations
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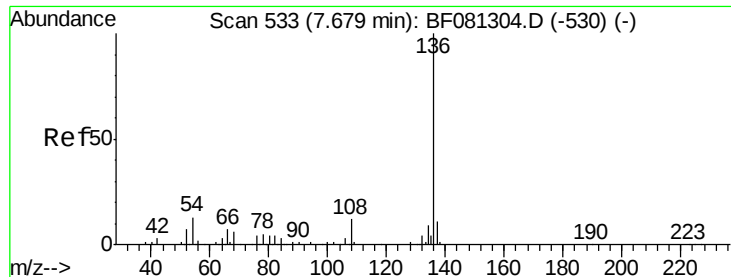
MMDadoda
9/9/2015 2:57:58 PM



#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.7	74.6	114.6
77	38.9	0.7	40.7
79	37.4	0.0	38.9





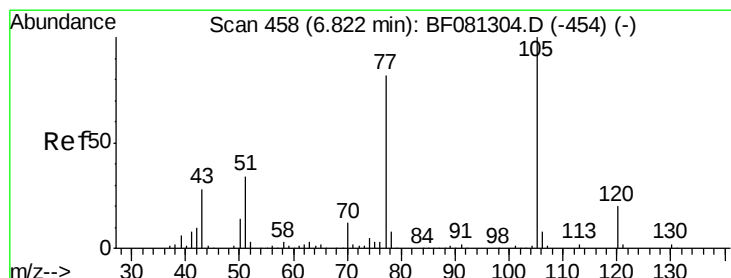
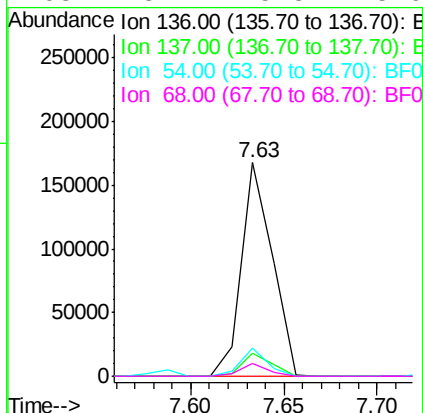
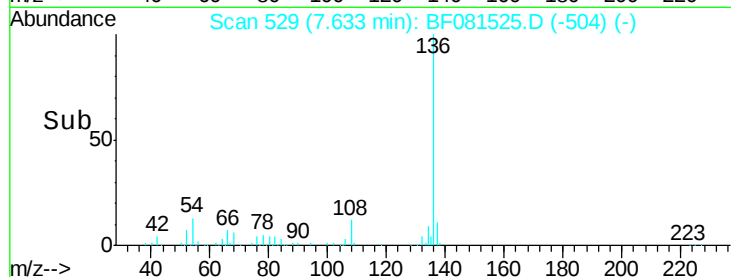
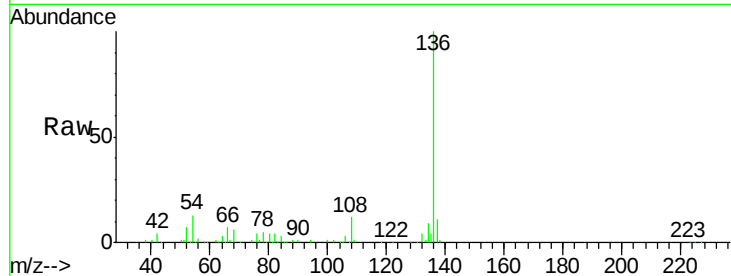
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	191663		
137	10.7	9.0	13.6	
54	13.0	8.2	12.2#	
68	5.7	5.8	8.6#	

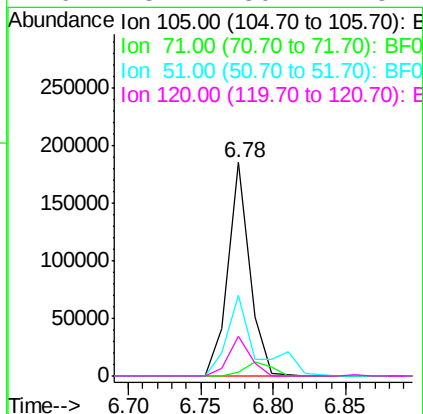
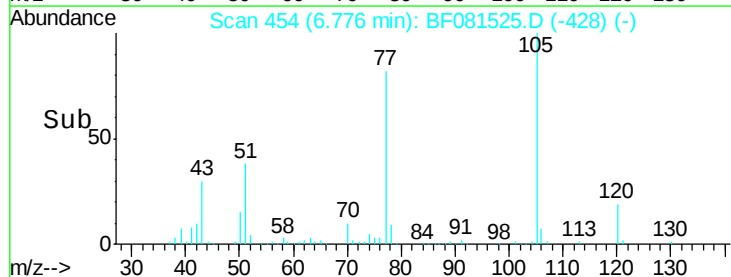
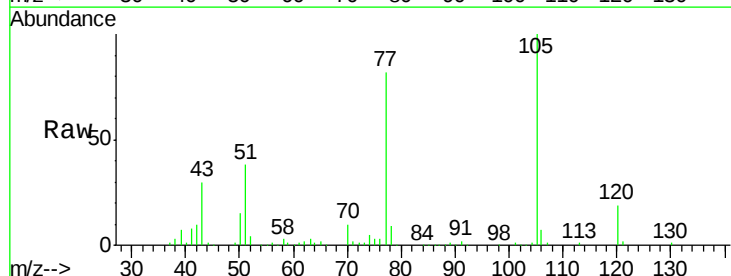
Manual Integrations
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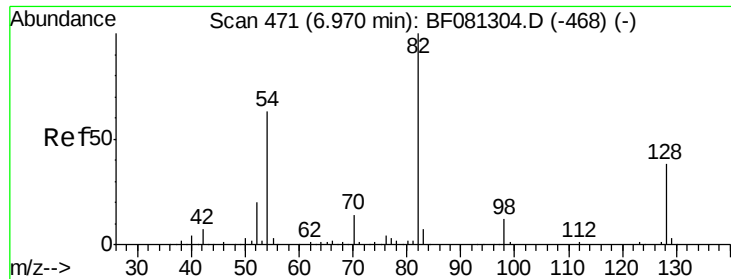
MMDadoda
9/9/2015 2:57:58 PM



#22
Acetophenone
Concen: 36.98 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193612		
71	1.8	4.7	7.1#	
51	38.0	22.0	33.0#	
120	18.7	30.1	45.1#	





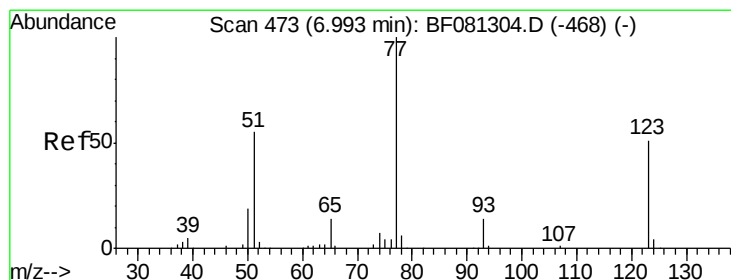
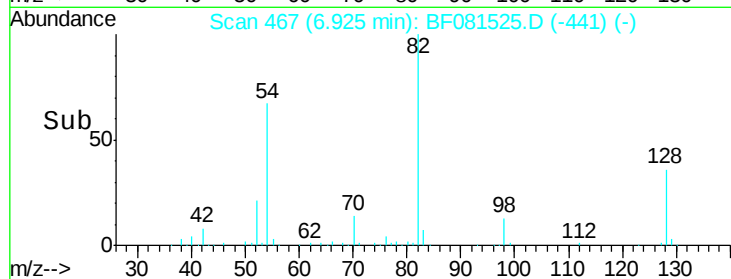
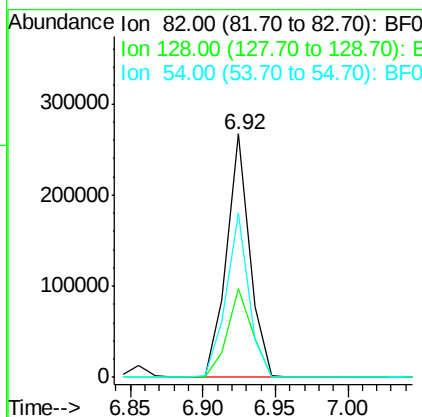
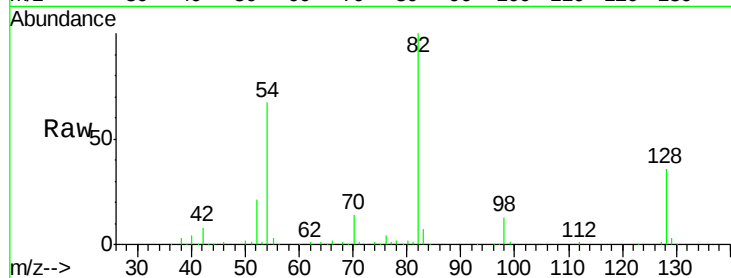
#23
 Nitrobenzene-d5
 Concen: 74.48 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion:	82	Resp:	295867
Ion Ratio	Lower	Upper	
82	100		
128	36.4	51.0	76.6#
54	67.3	47.5	71.3

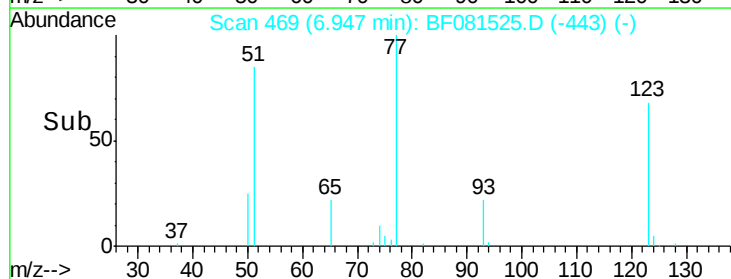
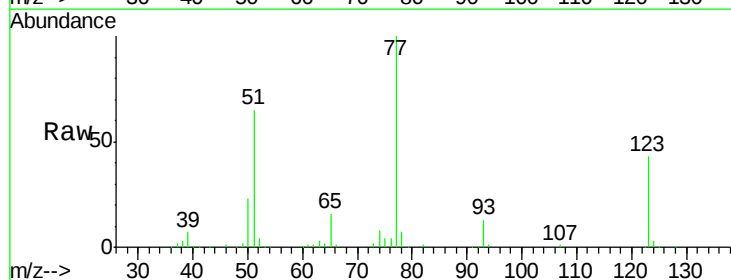
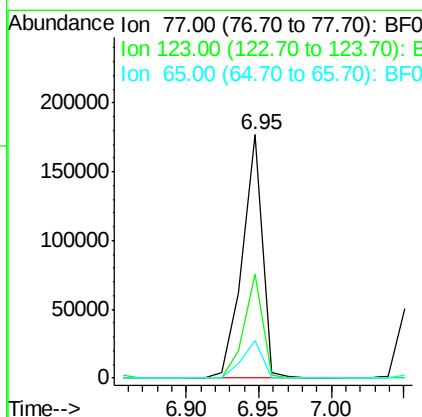
Manual Integrations
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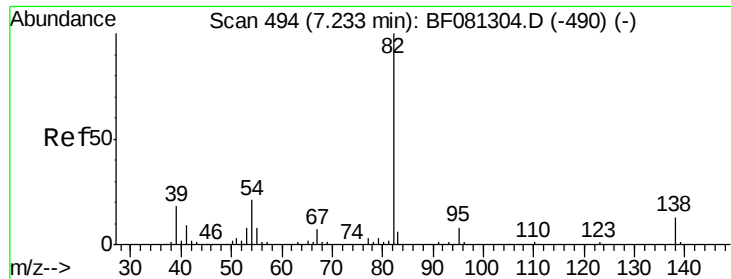
MMDadoda
 9/9/2015 2:57:58 PM



#24
 Nitrobenzene
 Concen: 41.22 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:	77	Resp:	170063
Ion Ratio	Lower	Upper	
77	100		
123	42.7	59.8	89.8#
65	15.6	10.2	15.4#





#25

Isophorone

Concen: 37.78 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

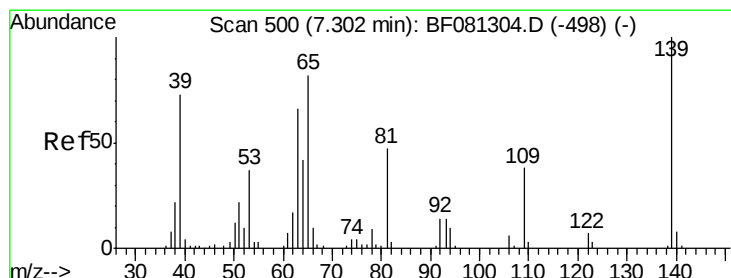
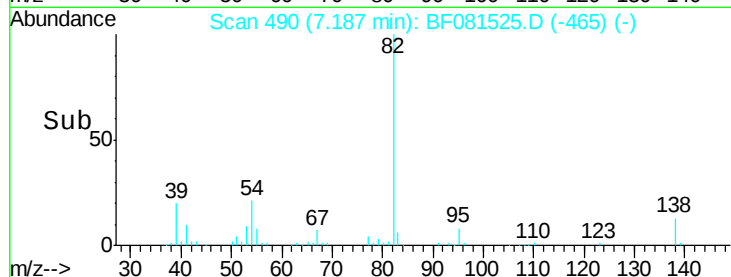
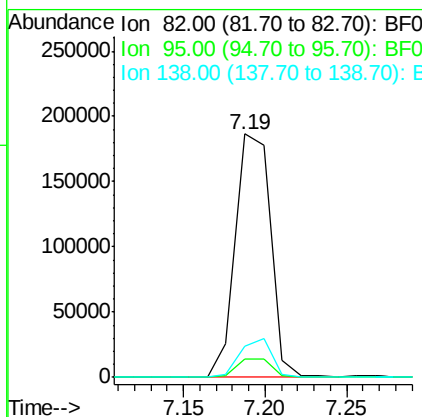
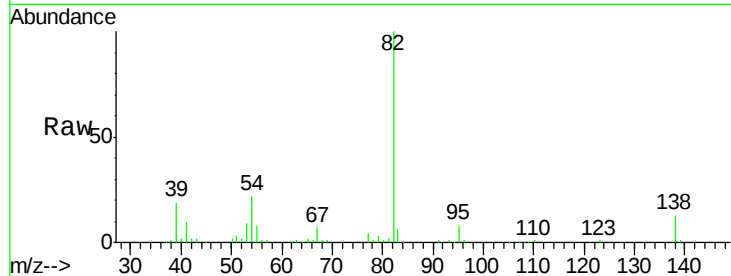
ClientSampleId :

PB85410BS

Tgt Ion:	82	Resp:	279173
Ion Ratio		Lower	Upper
82	100		
95	7.6	4.0	6.0#
138	13.0	18.3	27.5#

Manual Integrations
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9/9/2015 2:57:58 PM



#26

2-Nitrophenol

Concen: 38.50 ng

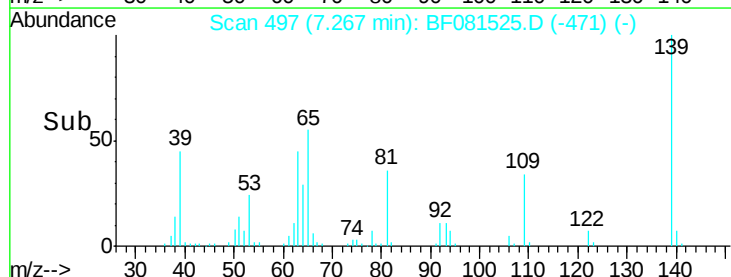
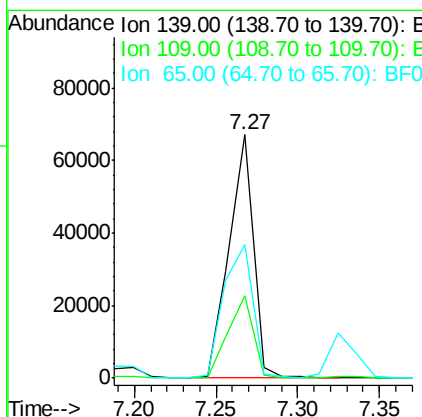
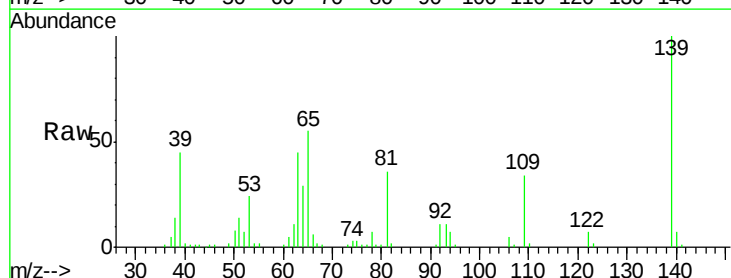
RT: 7.27 min Scan# 497

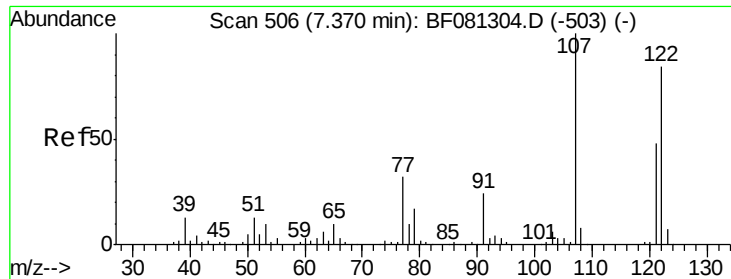
Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:	139	Resp:	69219
Ion Ratio		Lower	Upper
139	100		
109	33.6	11.0	16.4#
65	54.8	24.7	37.1#





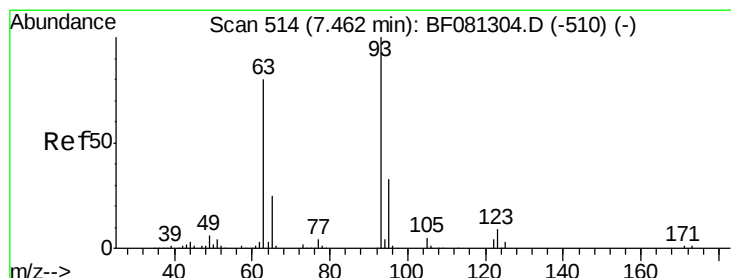
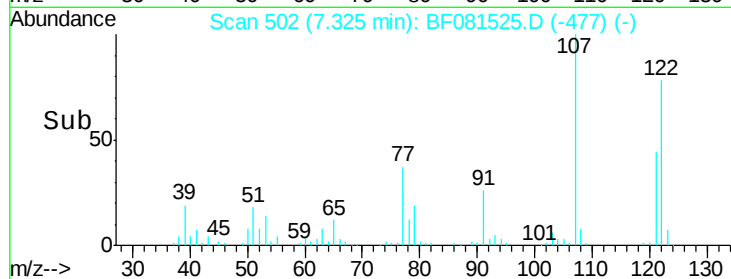
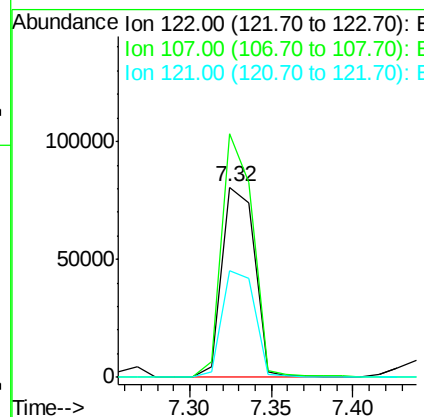
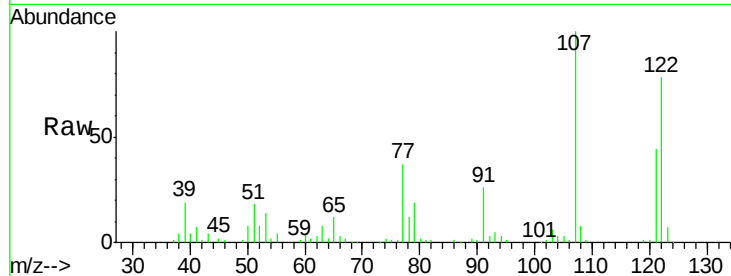
#27
 2,4-Dimethylphenol
 Concen: 36.20 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112431		
107	128.1	71.8	107.6#	
121	56.2	42.3	63.5	

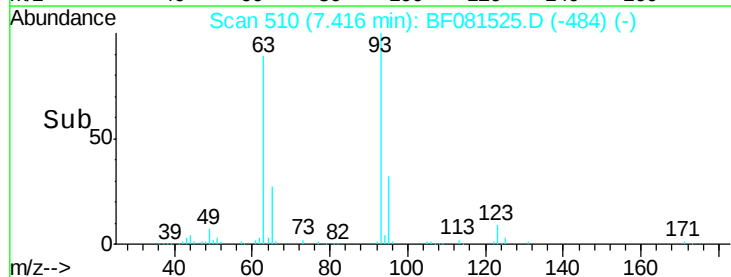
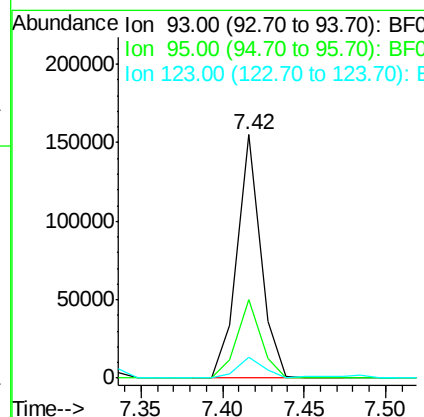
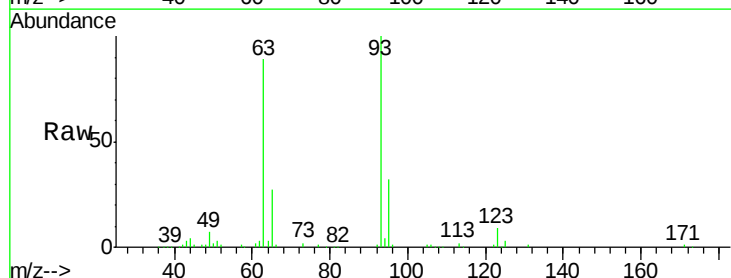
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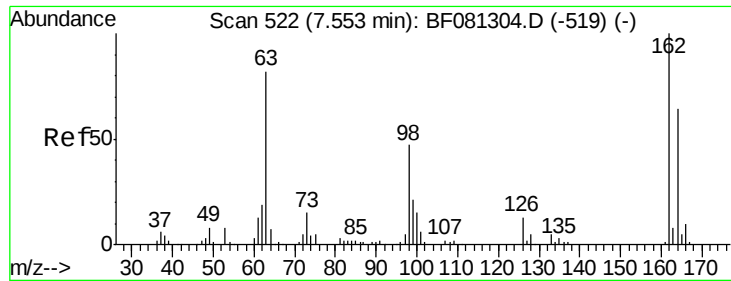
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 9/9/2015 2:57:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.37 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155214		
95	32.5	27.5	41.3	
123	8.7	13.7	20.5#	





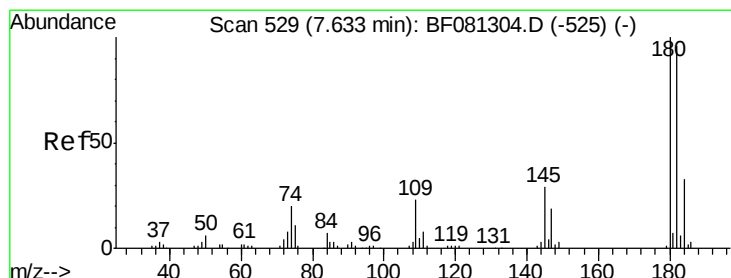
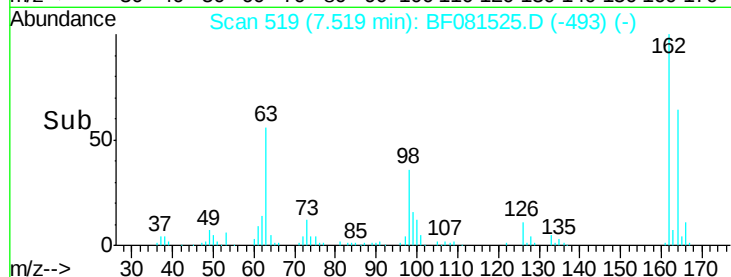
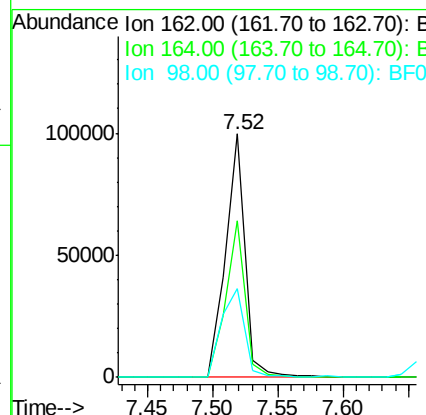
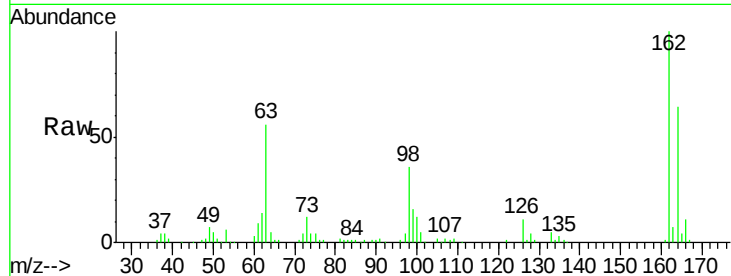
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	104519		
164	64.3	44.9	84.9	
98	36.2	13.0	53.0	

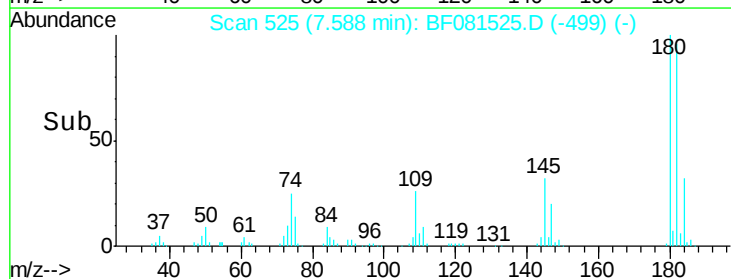
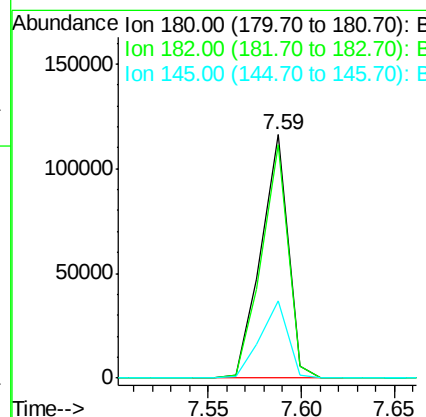
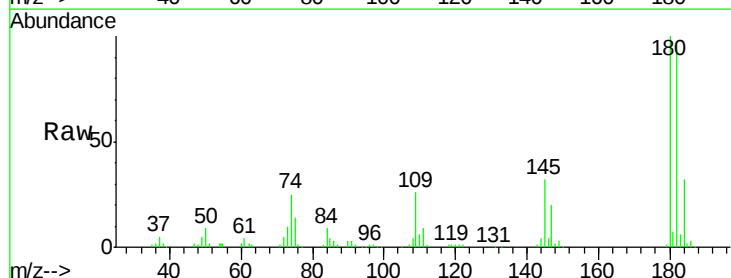
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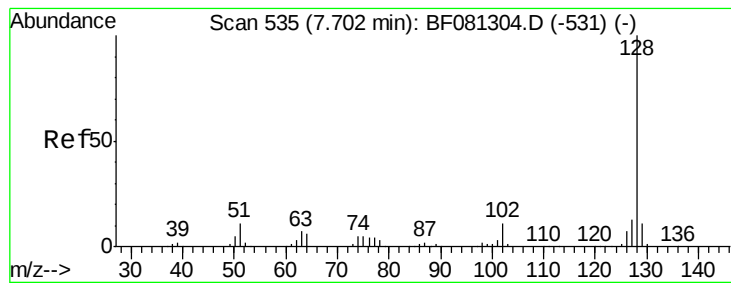
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.05 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117170		
182	95.7	77.1	115.7	
145	31.5	23.3	34.9	





#31

Naphthalene

Concen: 35.43 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

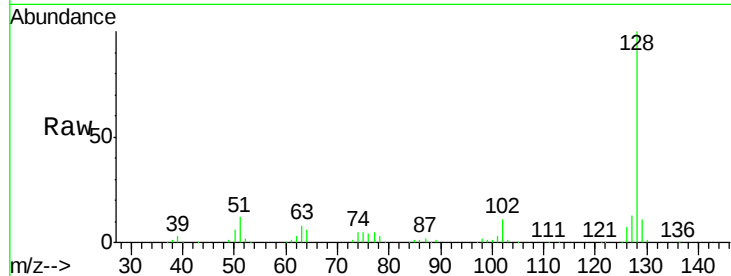
ClientSampleId :

PB85410BS

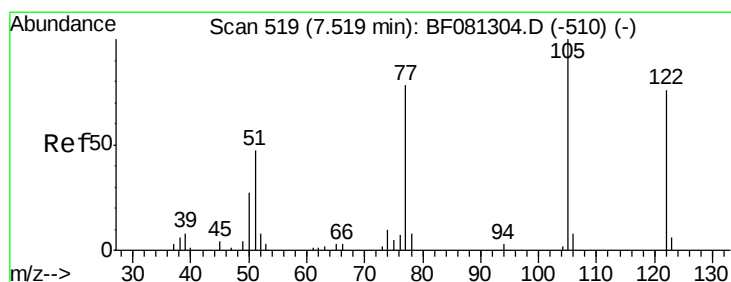
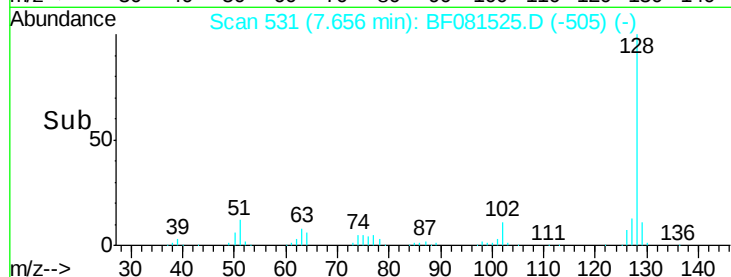
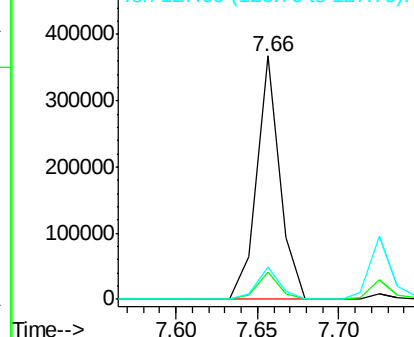
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	362179		
129	11.1	8.4	12.6	
127	13.3	9.9	14.9	

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



#32

Benzoic acid

Concen: 26.87 ng

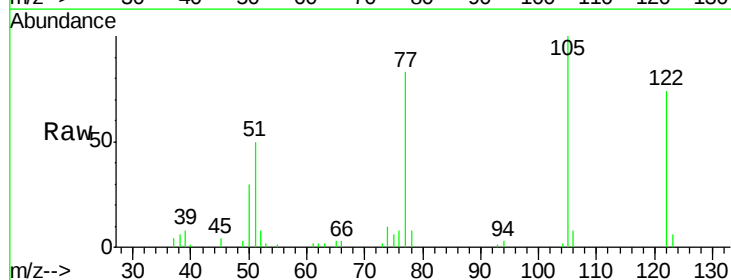
RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

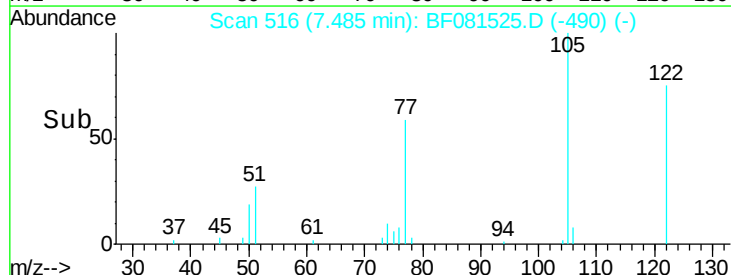
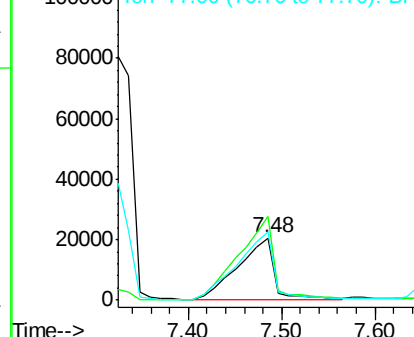
Lab File: BF081525.D

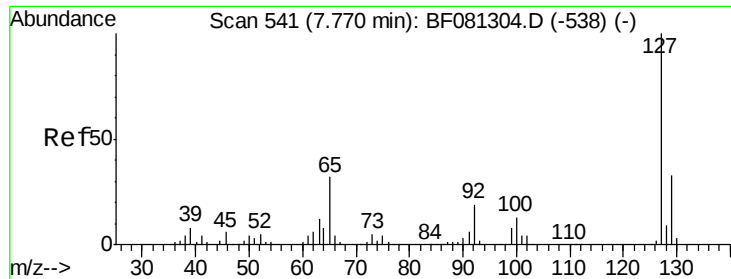
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56957		
105	134.8	76.1	116.1#	
77	111.2	40.5	80.5#	



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





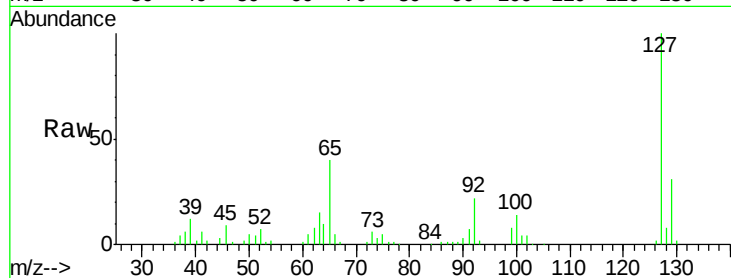
#33
4-Chloroaniline
Concen: 22.67 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

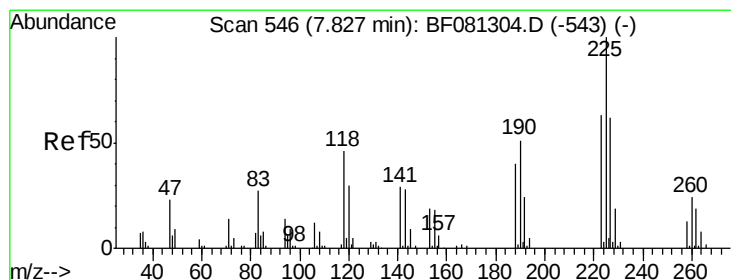
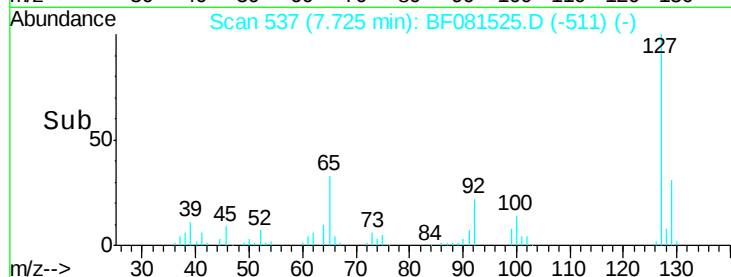
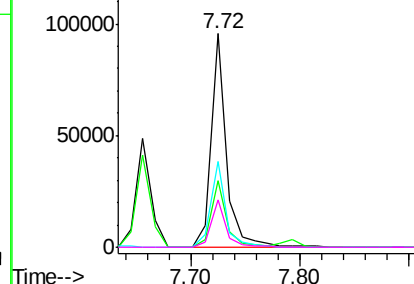
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	94498		
129	31.3	25.8	38.6	
65	40.4	17.9	26.9	
92	22.3	10.5	15.7	

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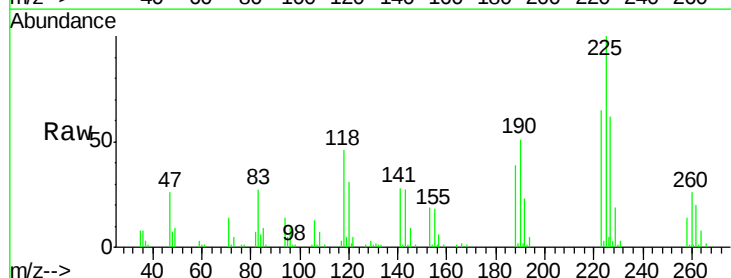


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

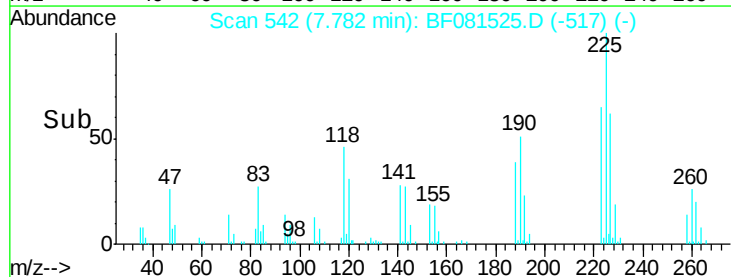
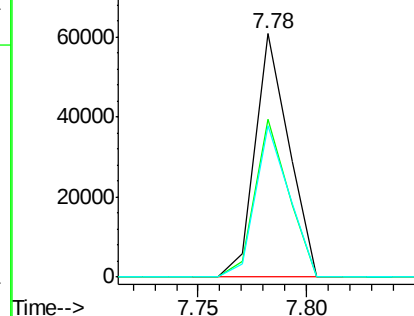


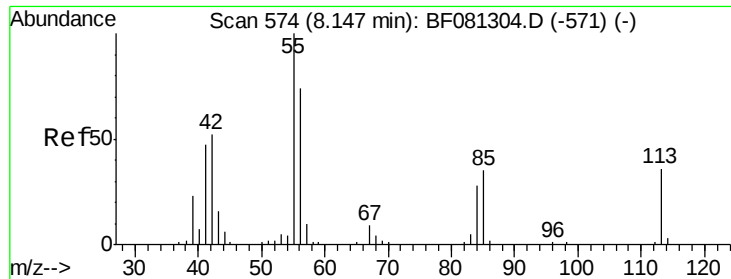
#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65401		
223	64.7	50.2	75.2	
227	62.2	52.2	78.2	



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





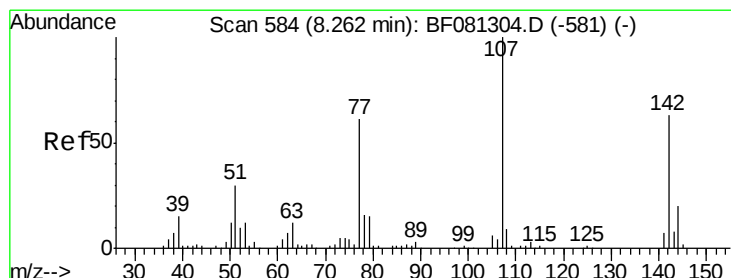
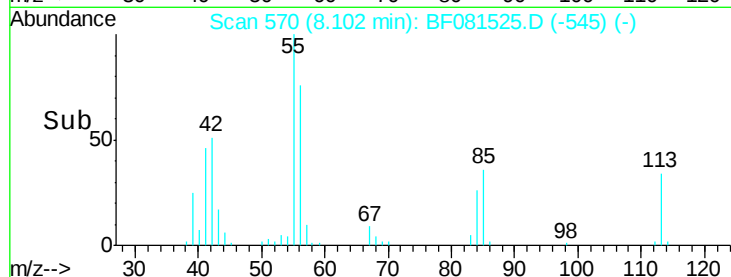
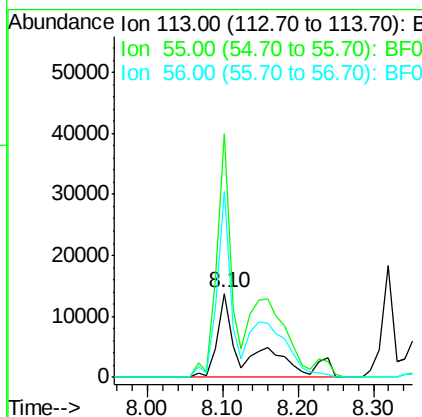
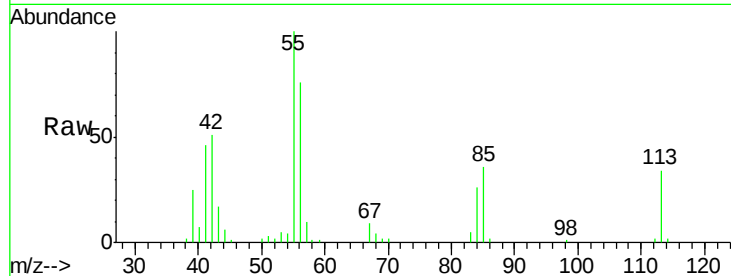
#35
 Caprolactam
 Concen: 45.50 ng m
 RT: 8.10 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion:113 Resp: 37583
 Ion Ratio Lower Upper
 113 100
 55 289.9 152.4 192.4#
 56 221.2 104.6 144.6#

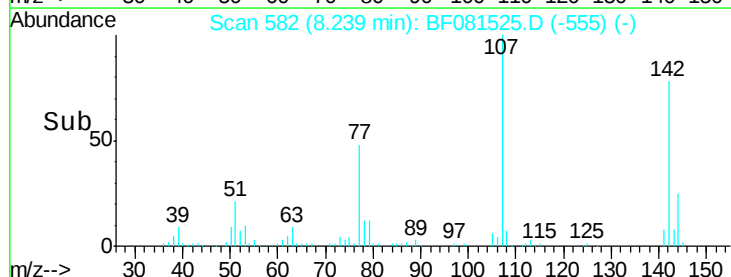
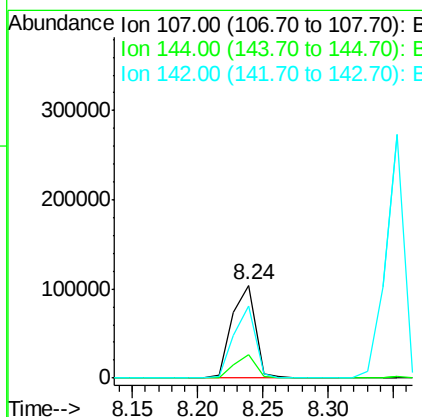
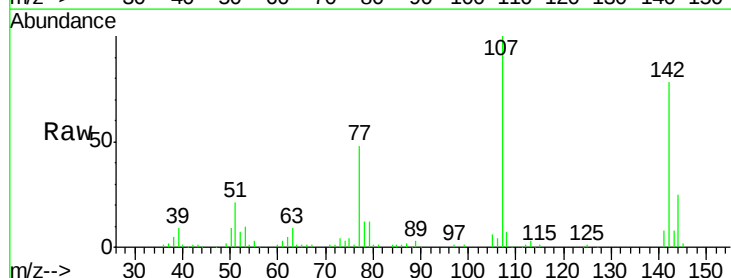
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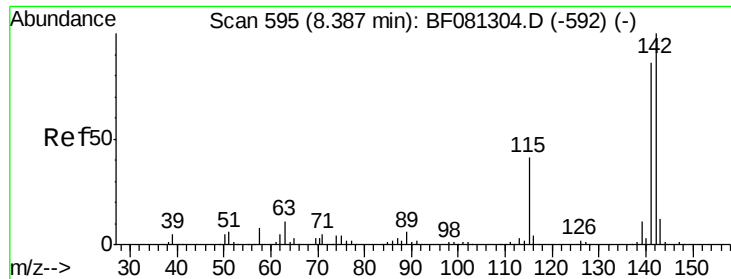
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#36
 4-Chloro-3-methylphenol
 Concen: 43.25 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:107 Resp: 130364
 Ion Ratio Lower Upper
 107 100
 144 25.2 25.4 38.0#
 142 77.5 77.3 115.9





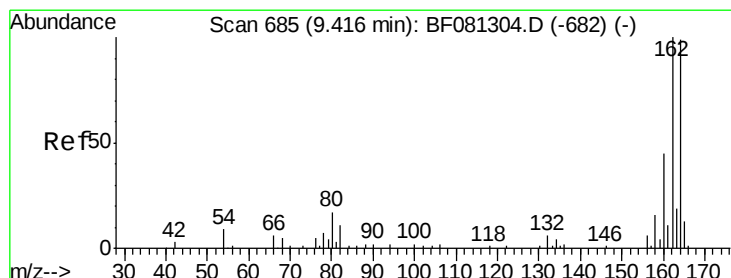
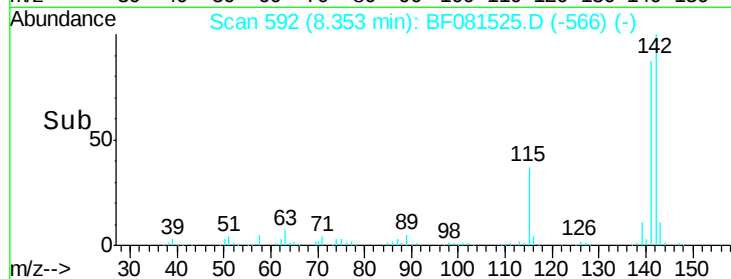
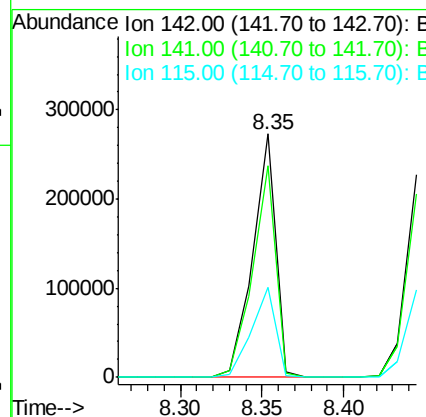
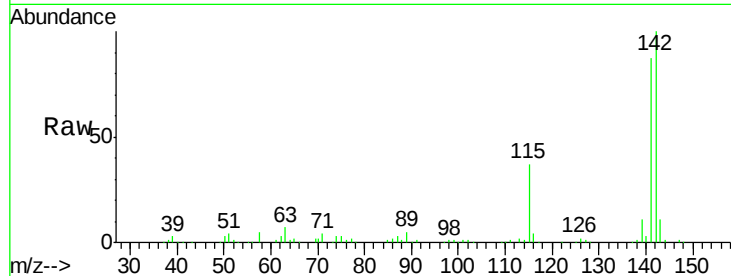
#37
 2-Methylnaphthalene
 Concen: 40.25 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	267733		
141	86.9	67.5	101.3	
115	37.0	18.2	27.2#	

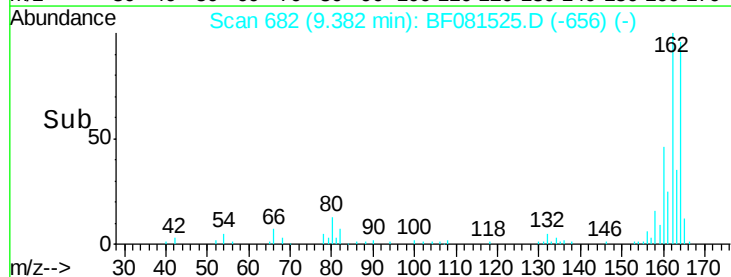
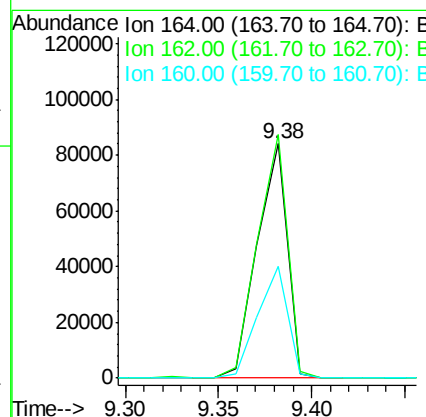
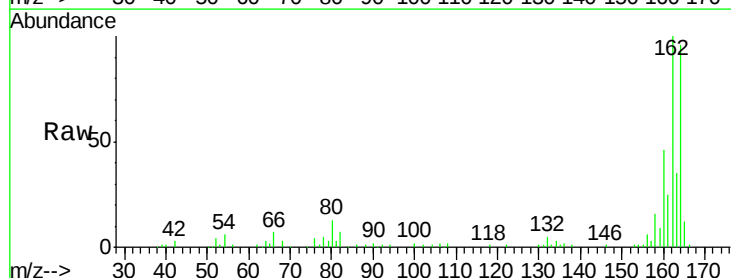
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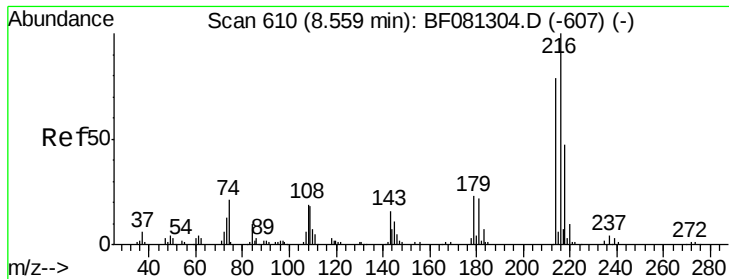
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93617		
162	103.9	75.2	112.8	
160	47.6	31.5	47.3#	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.94 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

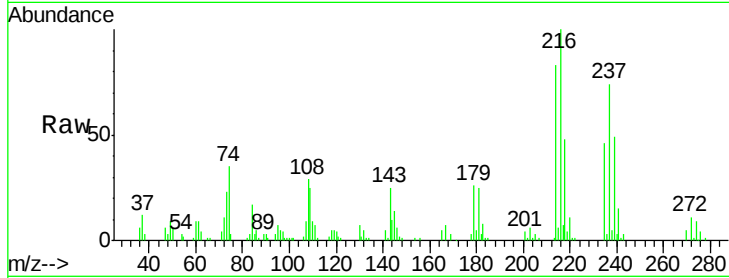
ClientSampleID :

PB85410BS

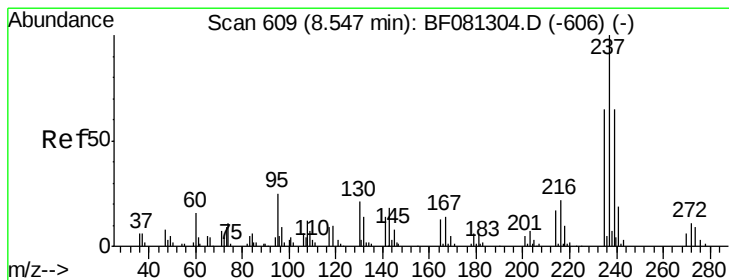
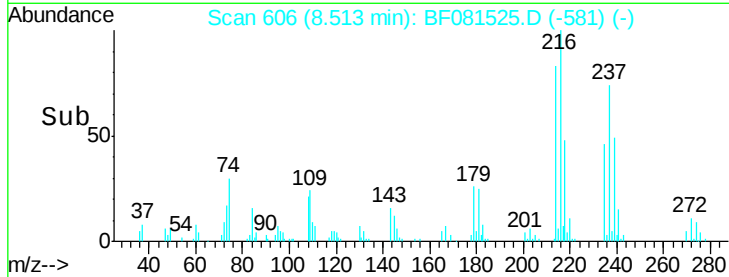
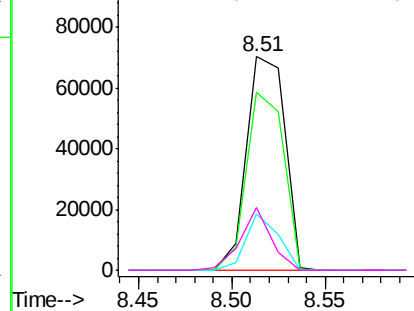
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	100493		
214	81.1	63.5	95.3	
179	22.4	16.6	24.8	
108	23.5	16.3	24.5	



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: 71.60 ng

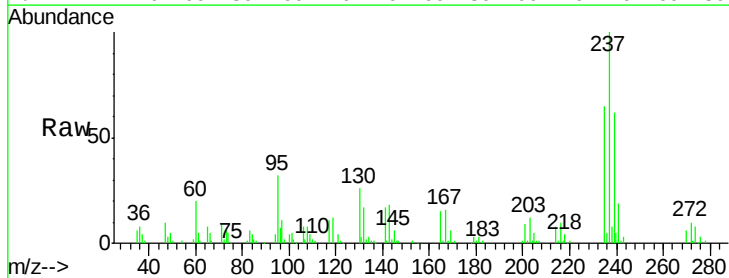
RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

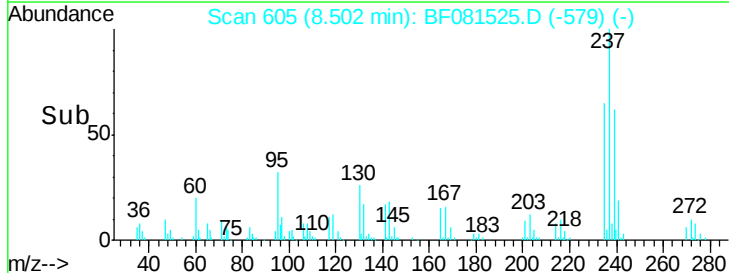
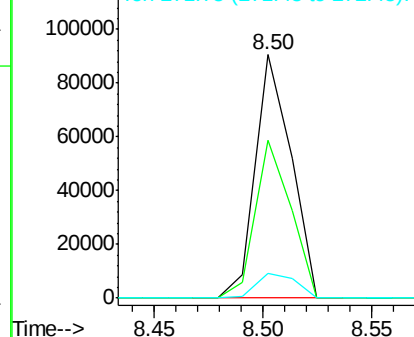
Lab File: BF081525.D

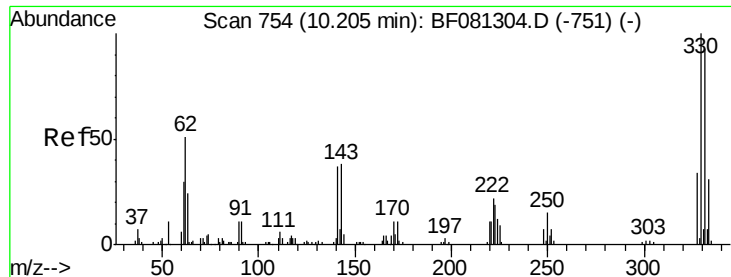
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	104027		
235	64.8	42.0	82.0	
272	10.0	0.0	36.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





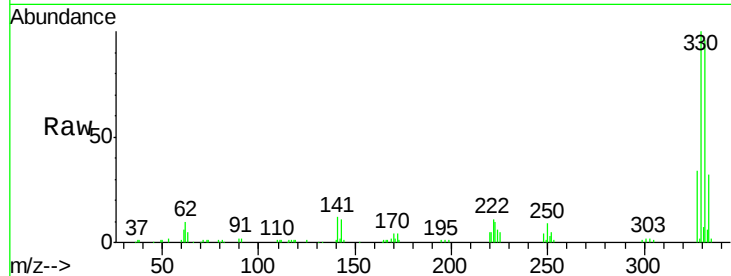
#41
 2,4,6-Tribromophenol
 Concen: 127.09 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	105938		
332	97.8	76.6	114.8	
141	41.4	29.7	44.5	

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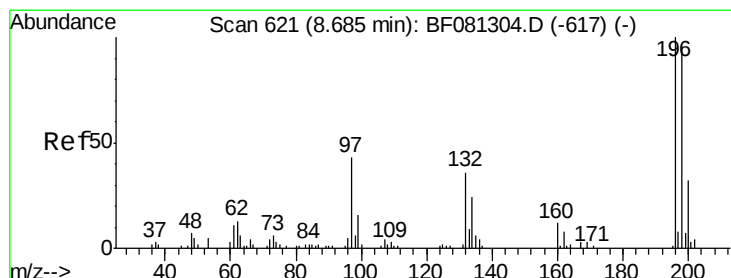
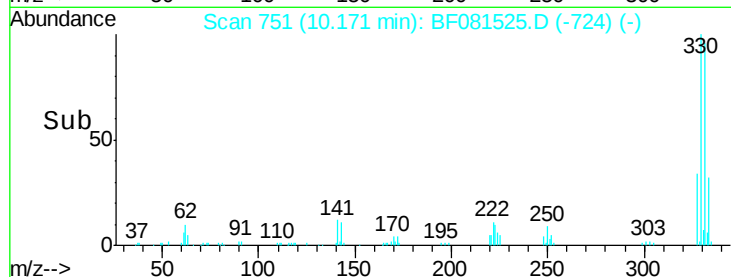
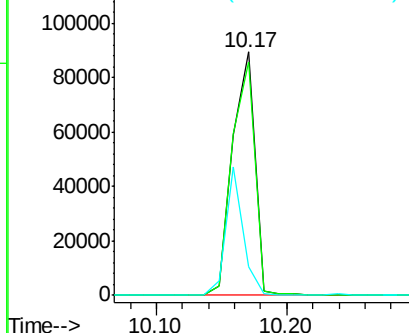


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 35.27 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

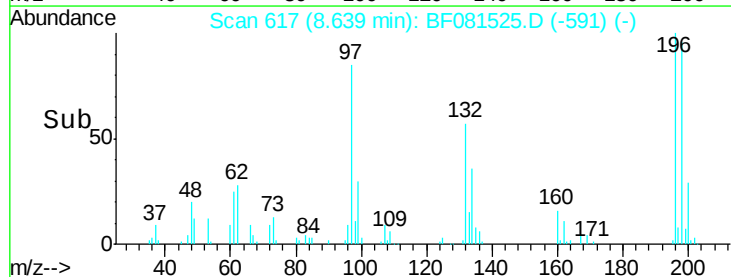
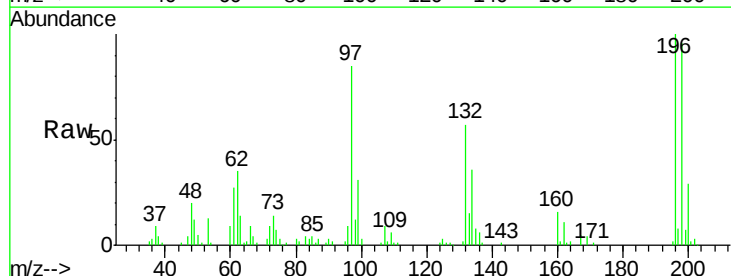
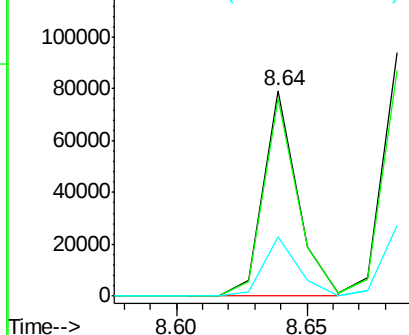
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	72071		
198	96.0	75.7	113.5	
200	28.8	23.9	35.9	

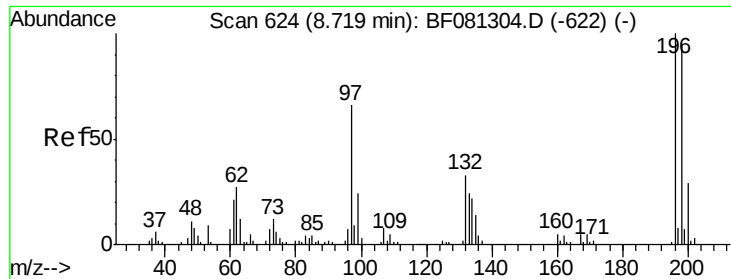
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

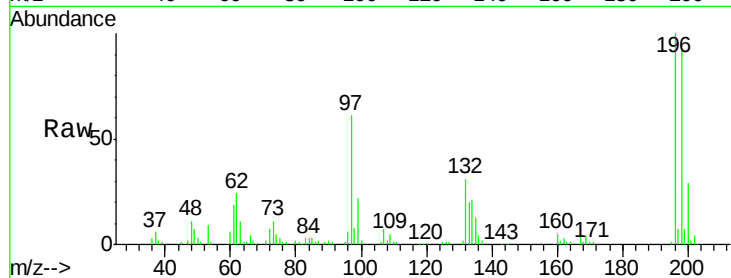
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

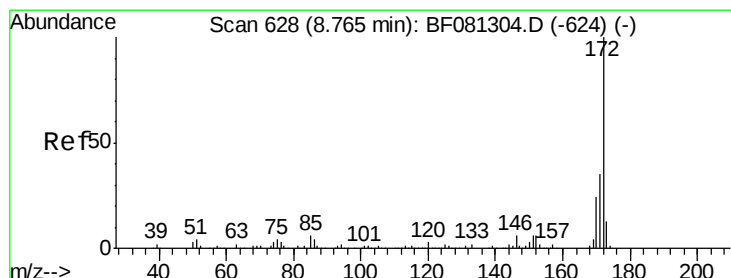
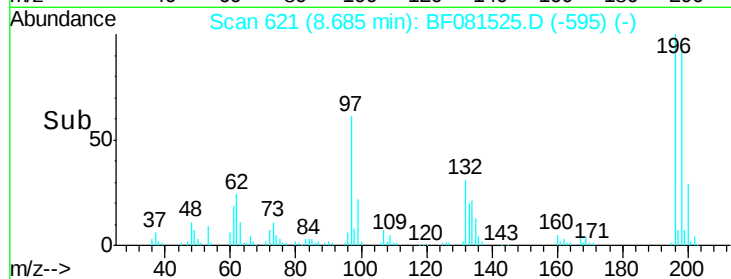
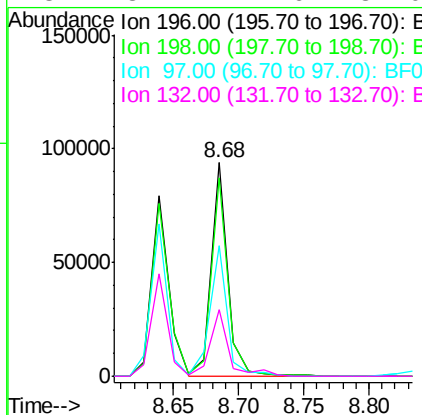
Instrument :
 BNA_F
 ClientSampled :
 PB85410BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82431		
198	92.7	75.4	113.0	
97	61.1	33.3	49.9	
132	31.2	24.6	37.0	

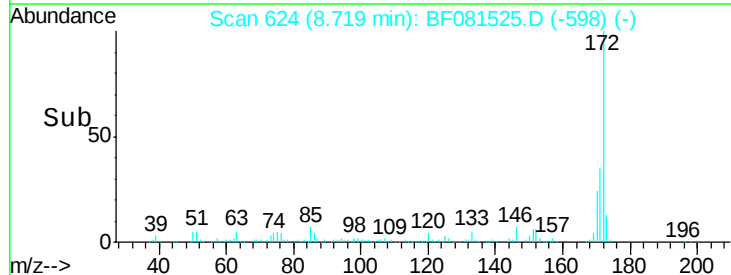
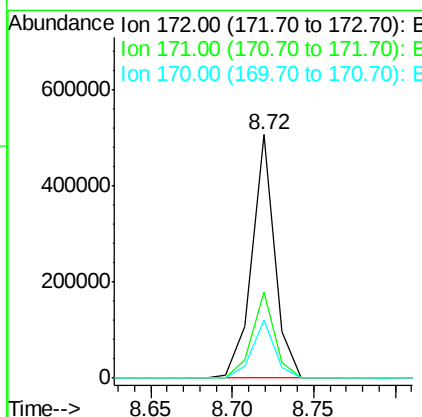
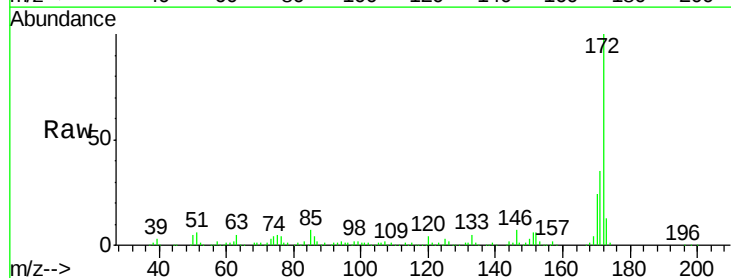
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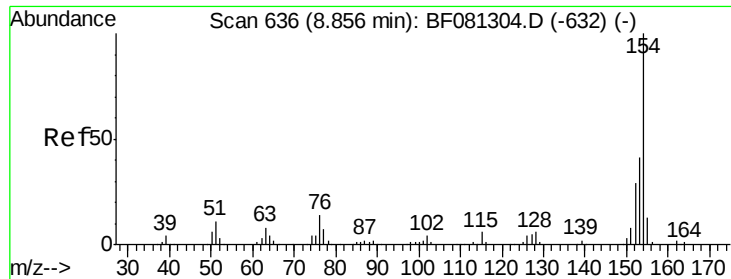
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 67.57 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	493645		
171	35.3	26.1	39.1	
170	23.9	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 34.20 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081525.D

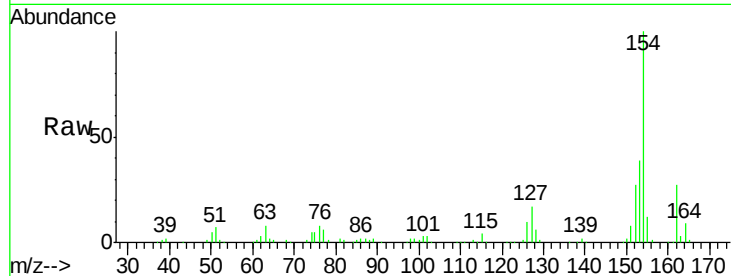
Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS



Tgt Ion:154 Resp: 294521

Ion Ratio Lower Upper

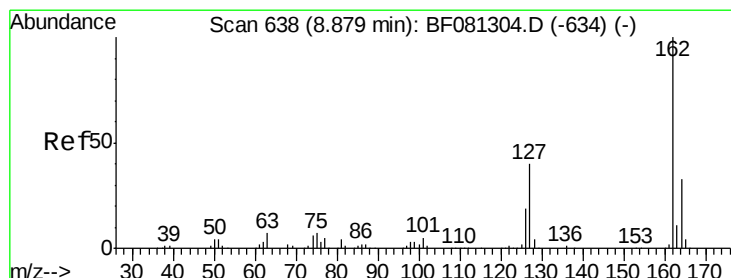
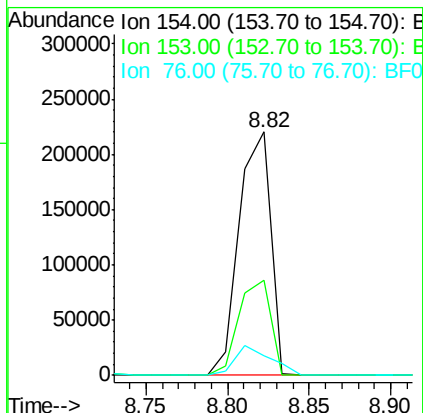
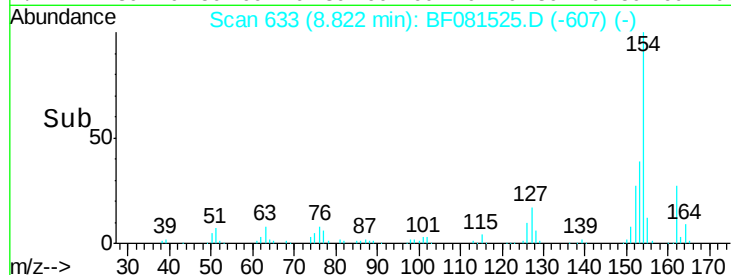
154 100

153 39.3 17.1 57.1

76 8.0 0.0 31.6

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#46

2-Chloronaphthalene

Concen: 37.50 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

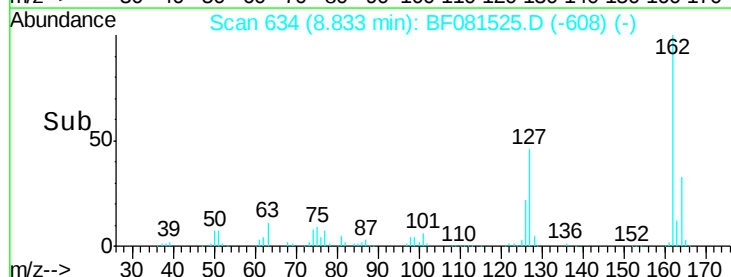
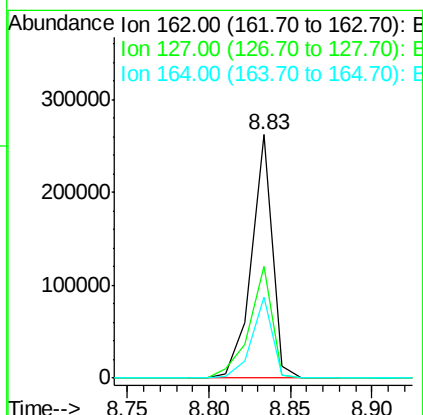
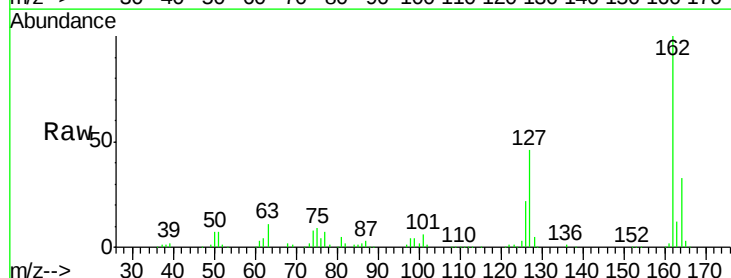
Tgt Ion:162 Resp: 233246

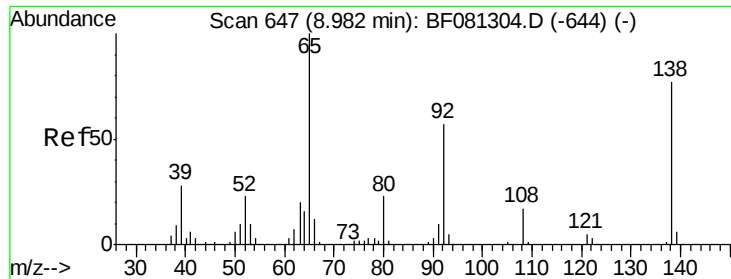
Ion Ratio Lower Upper

162 100

127 45.8 27.6 41.4#

164 33.1 25.4 38.2





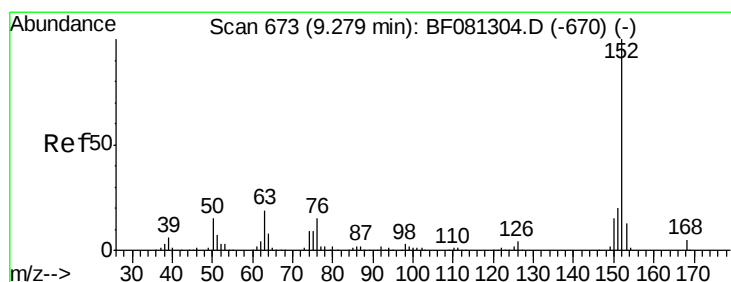
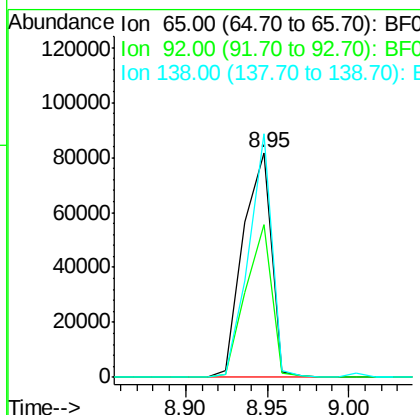
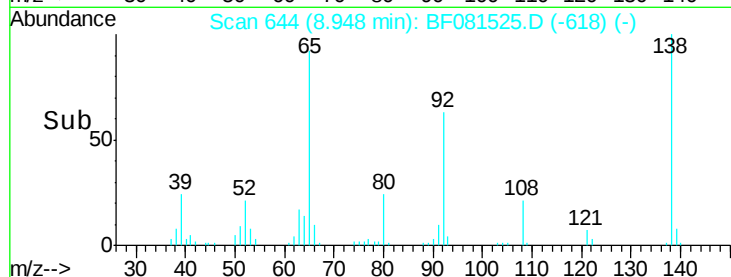
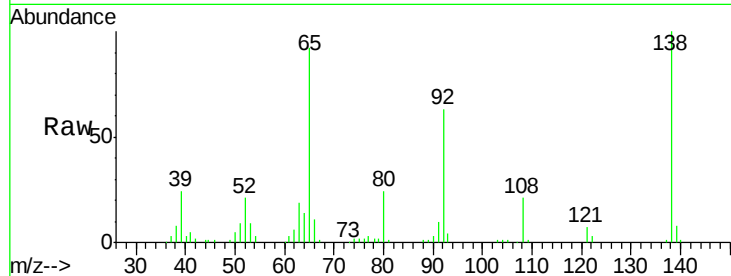
#47
 2-Nitroaniline
 Concen: 38.88 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	55.4	83.0
138	108.2	115.5	173.3#

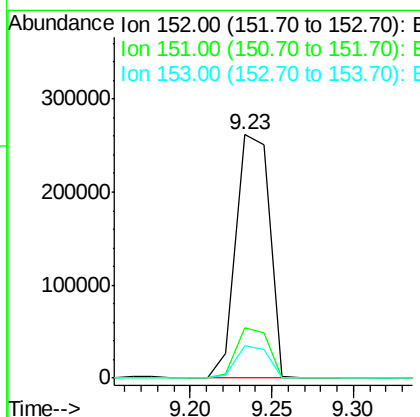
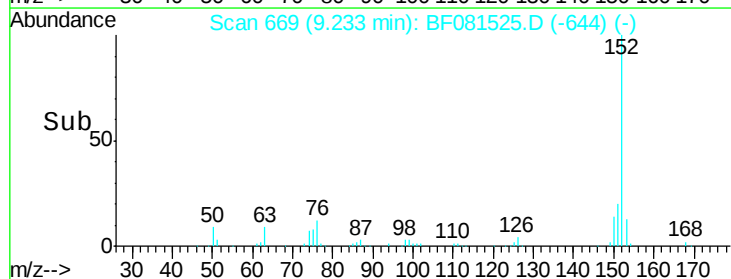
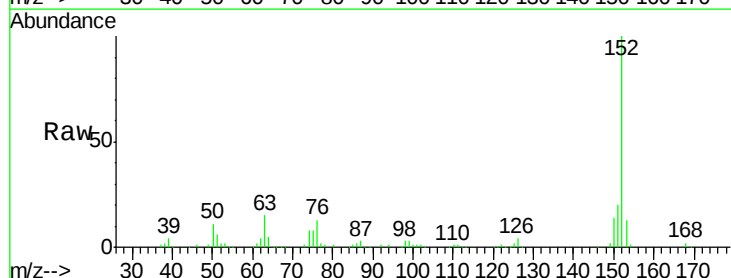
Manual Integrations
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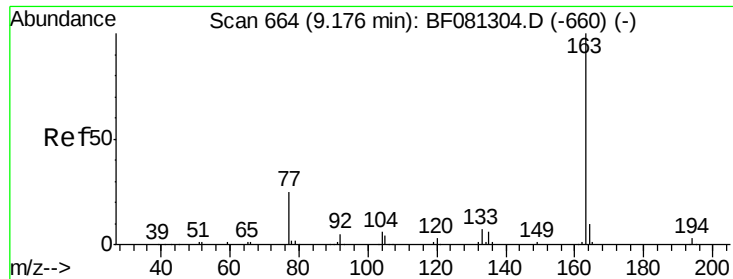
MMDadoda
 9/9/2015 2:57:58 PM



#48
 Acenaphthylene
 Concen: 33.67 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	13.5	10.3	15.5





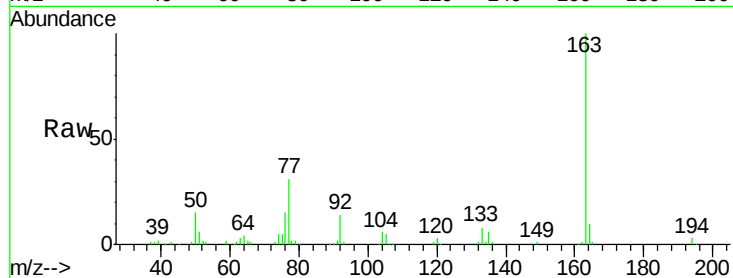
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

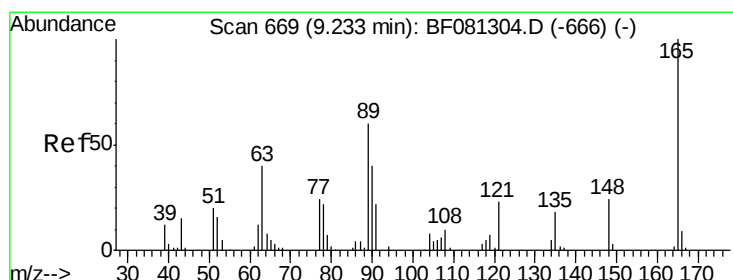
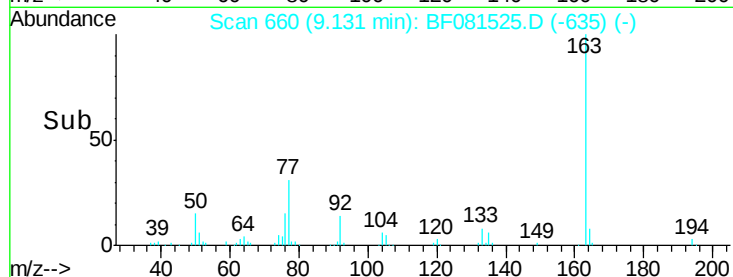
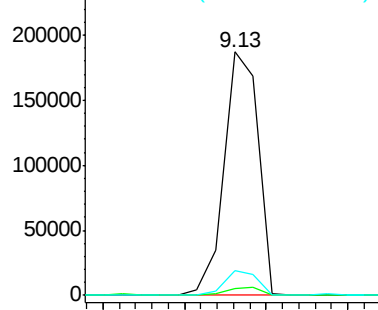
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	4.4	6.6#
164	10.3	8.3	12.5

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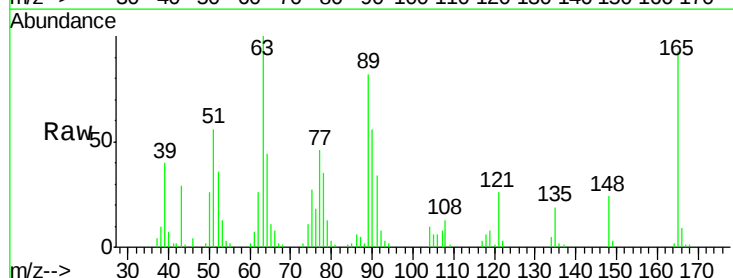


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

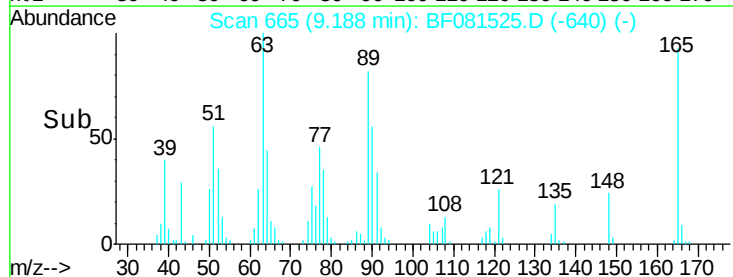
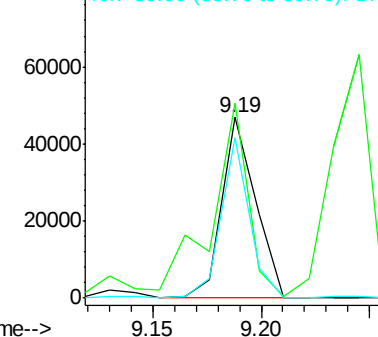


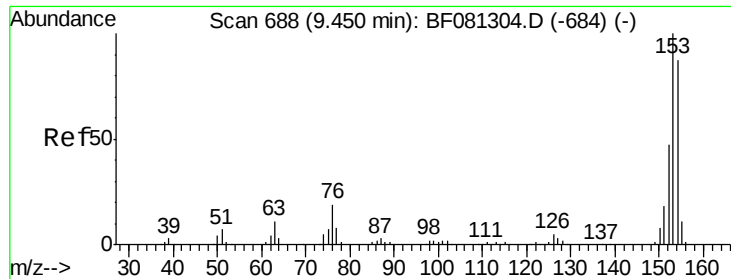
#50
2,6-Dinitrotoluene
Concen: 30.59 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	107.6	32.3	48.5#
89	88.6	28.6	43.0#



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





#51

Acenaphthene

Concen: 34.58 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081525.D

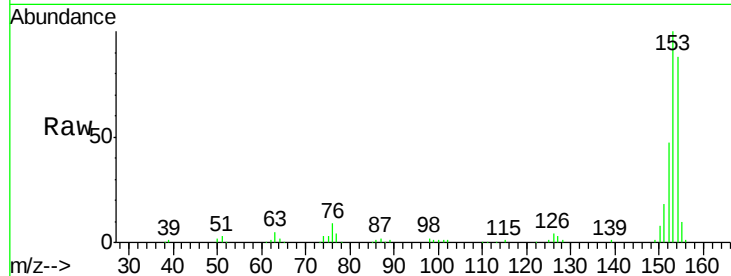
Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

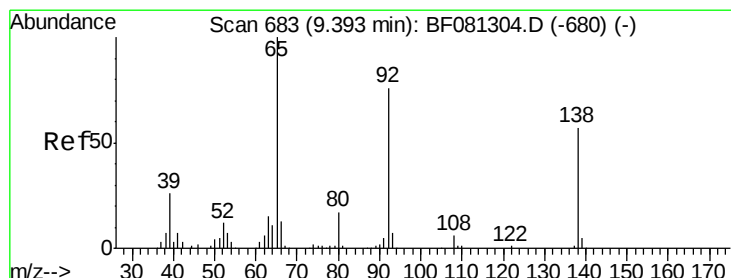
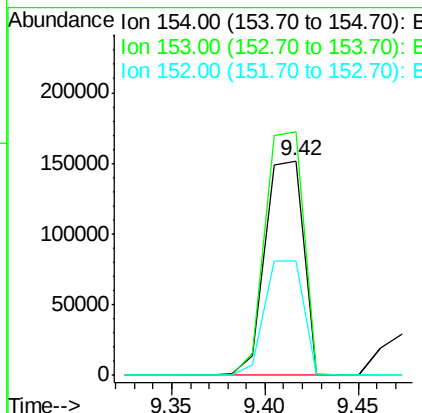
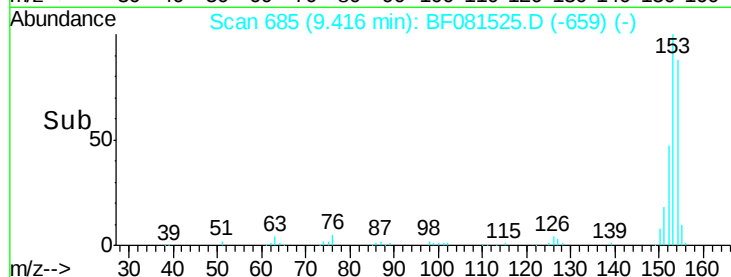
PB85410BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	217079		
153	113.4	82.1	123.1	
152	53.4	37.9	56.9	

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#52

3-Nitroaniline

Concen: 22.59 ng

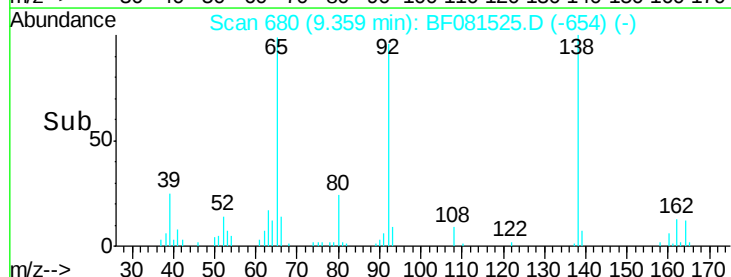
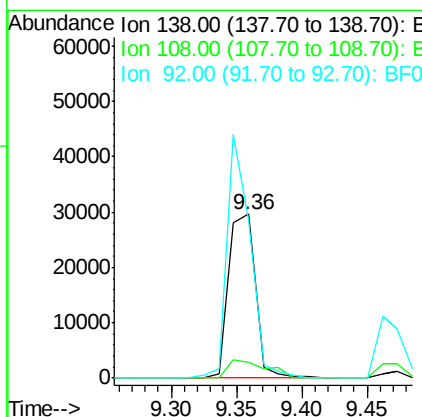
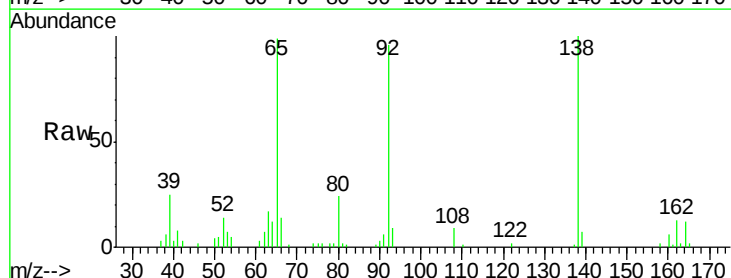
RT: 9.36 min Scan# 680

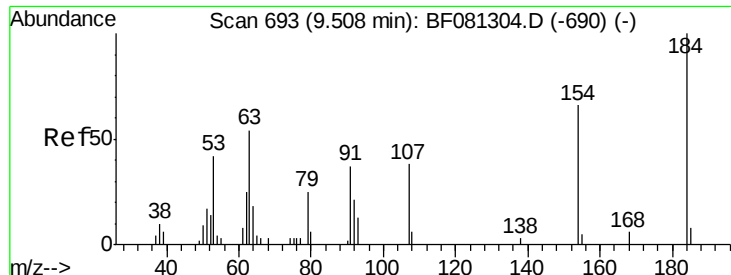
Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

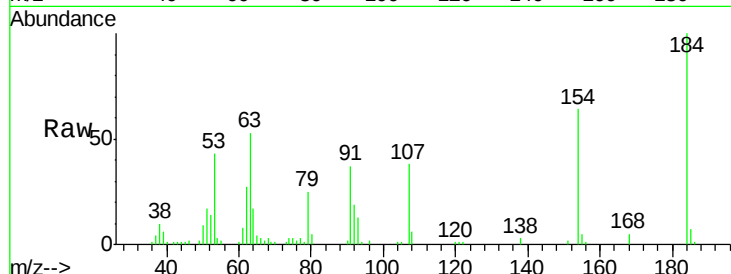
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	42450		
108	9.5	5.7	8.5#	
92	96.4	67.7	101.5	





#53
 2,4-Dinitrophenol
 Concen: 83.97 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

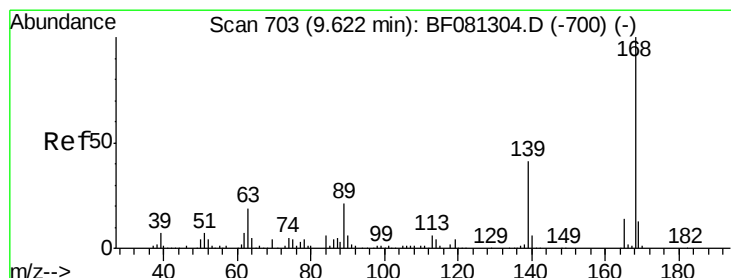
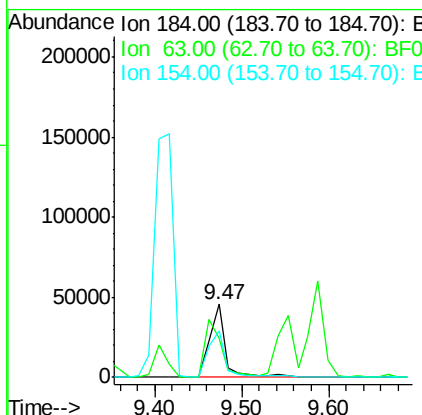
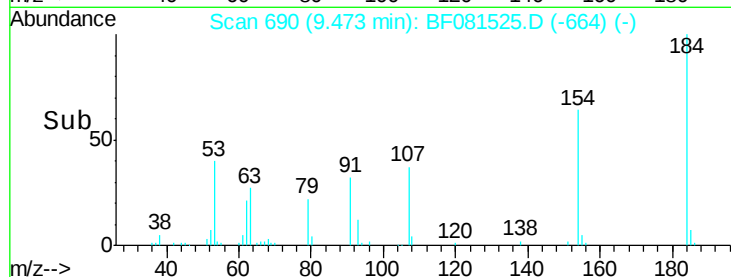
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	58384		
63	53.1	35.4	53.2	
154	64.5	32.2	48.4	

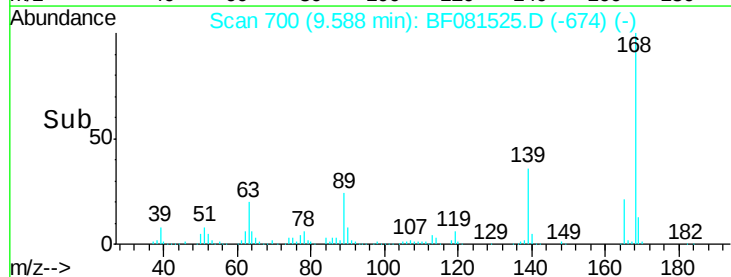
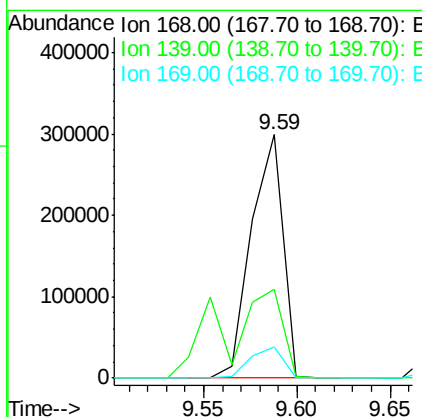
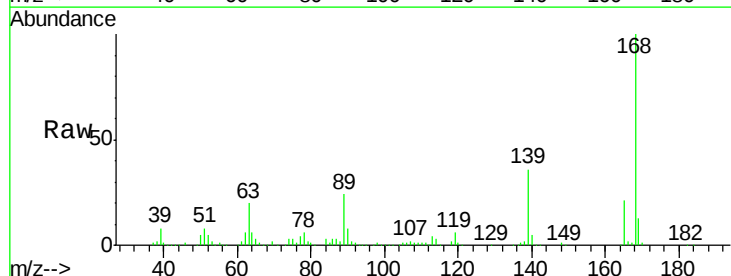
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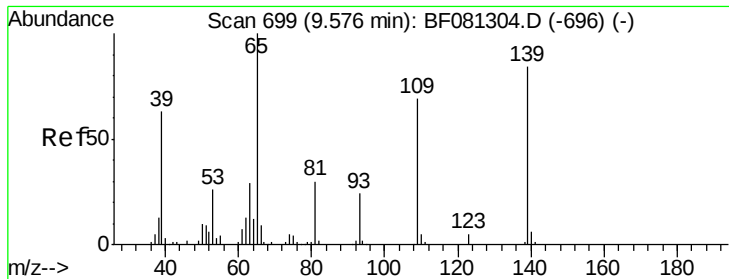
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#54
 Dibenzofuran
 Concen: 38.25 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	350625		
139	36.2	24.2	36.2	
169	12.7	10.6	15.8	





#55

4-Nitrophenol

Concen: 83.12 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

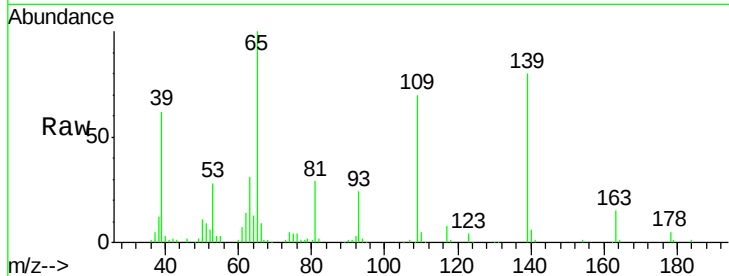
ClientSampleId :

PB85410BS

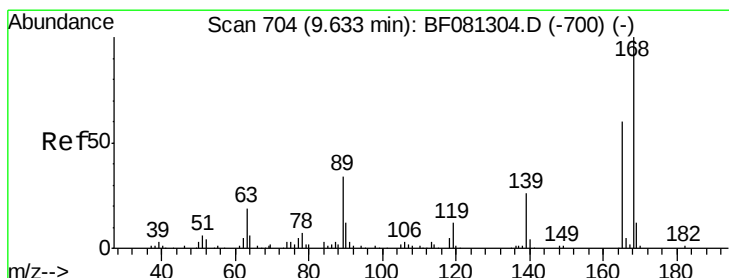
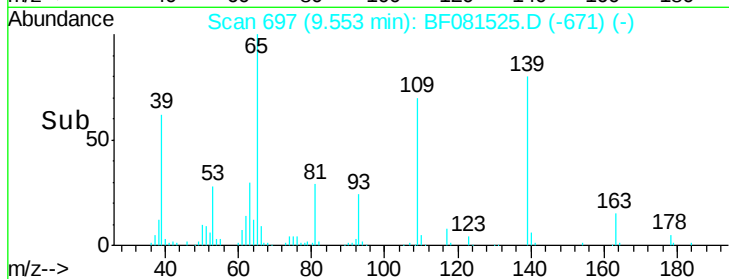
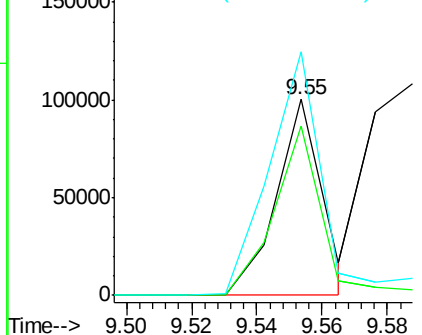
Manual Integrations
APPROVED

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9/9/2015 2:57:58 PM

Tgt Ion:	139	Resp:	98145
Ion Ratio	Lower	Upper	
139	100		
109	86.7	12.7	52.7#
65	124.3	45.9	85.9#



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



#56

2,4-Dinitrotoluene

Concen: 35.43 ng

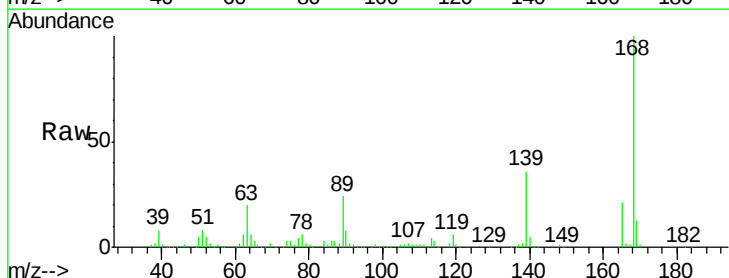
RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

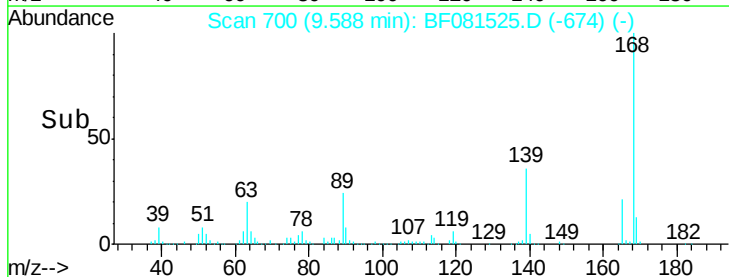
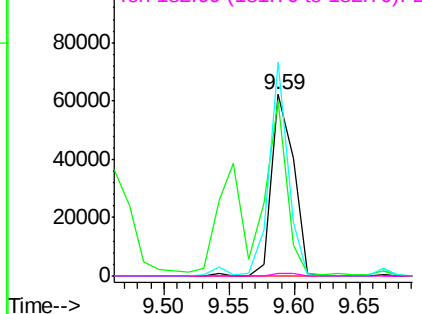
Lab File: BF081525.D

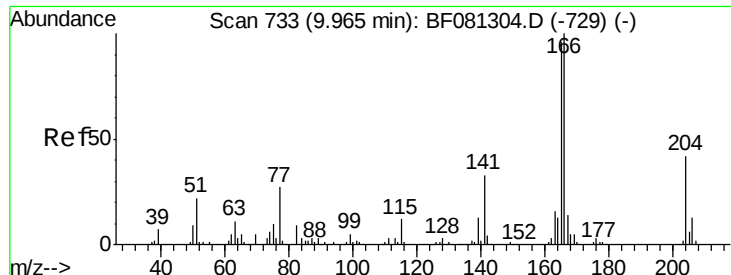
Acq: 8 Sep 2015 16:34

Tgt Ion:	165	Resp:	74480
Ion Ratio	Lower	Upper	
165	100		
63	96.3	29.8	44.6#
89	117.6	44.5	66.7#
182	1.8	3.0	4.4#



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





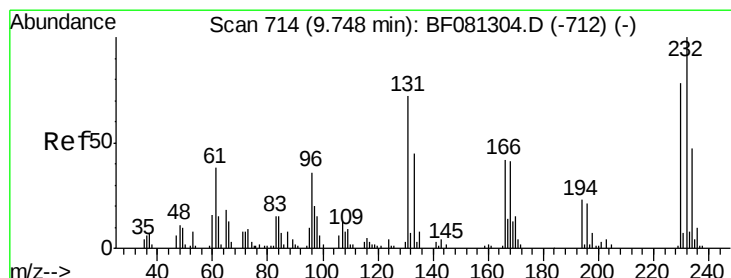
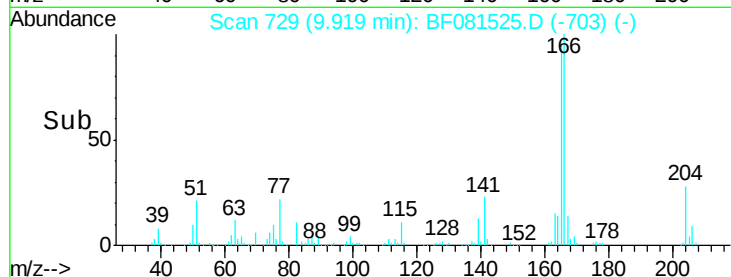
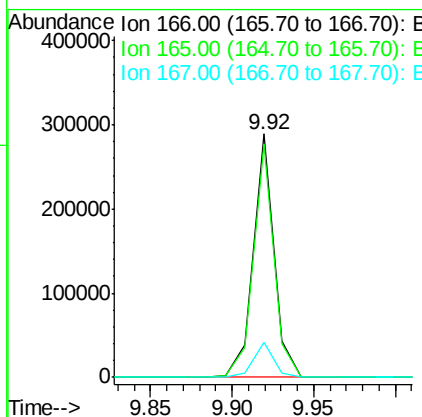
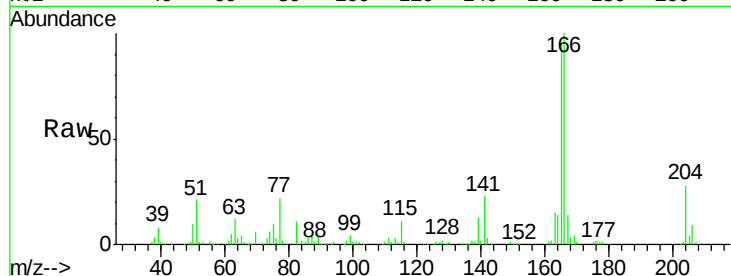
#57
 Fluorene
 Concen: 36.73 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	255489		
165	95.7	72.6	109.0	
167	14.3	10.6	16.0	

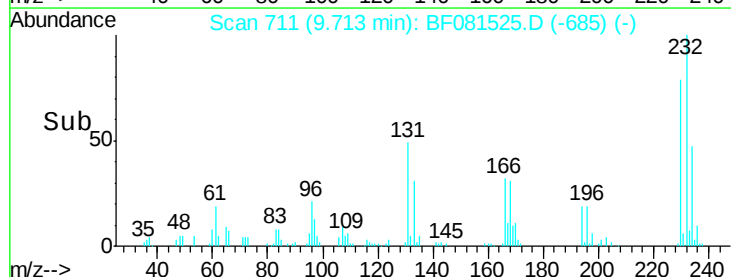
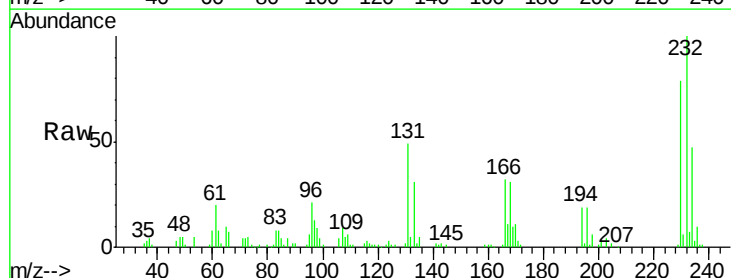
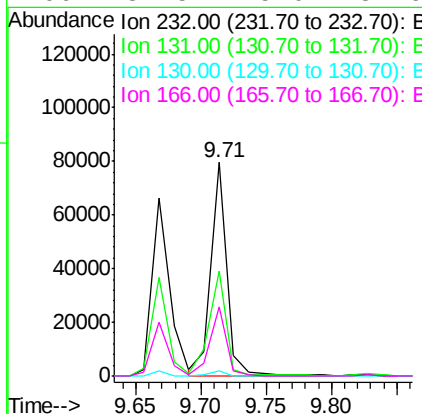
Manual Integrations
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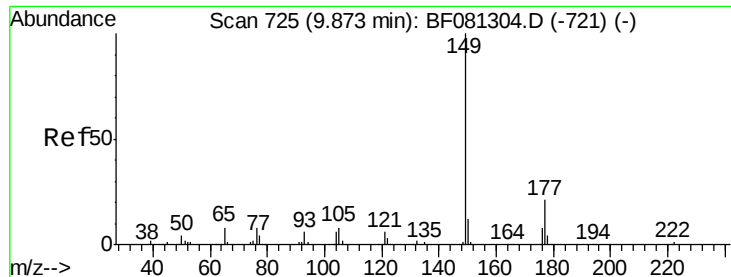
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.29 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	68898		
131	53.5	38.5	57.7	
130	2.3	1.8	2.6	
166	32.5	25.0	37.6	





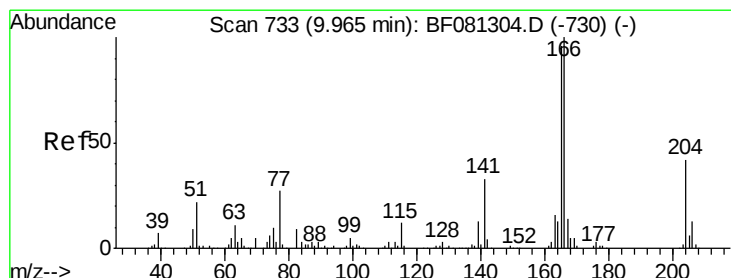
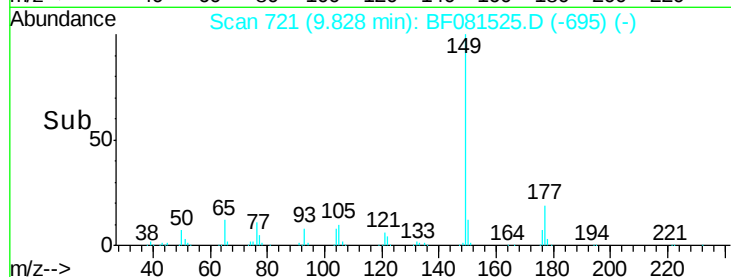
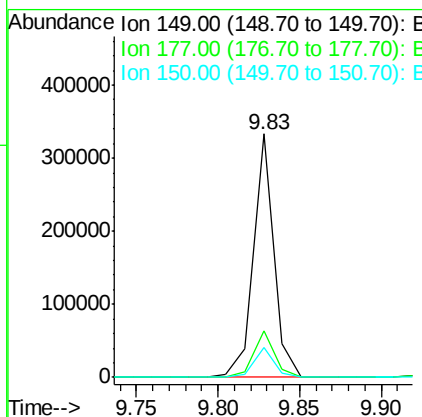
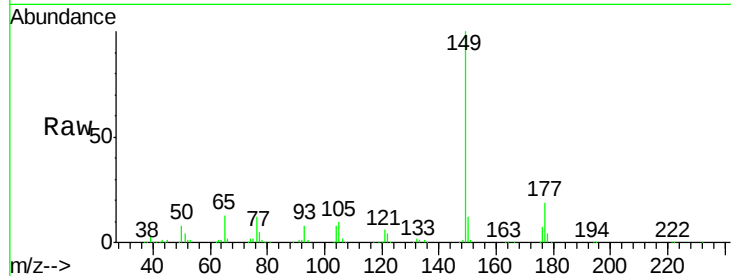
#59
Diethylphthalate
Concen: 37.83 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Manual Integrations
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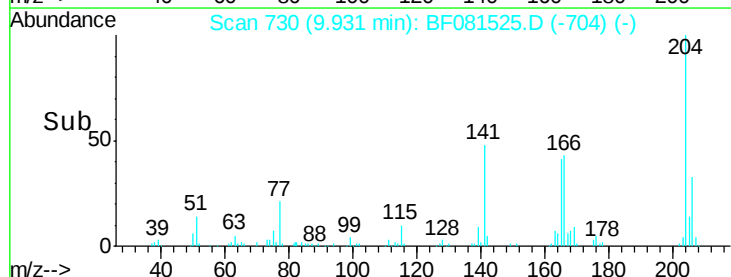
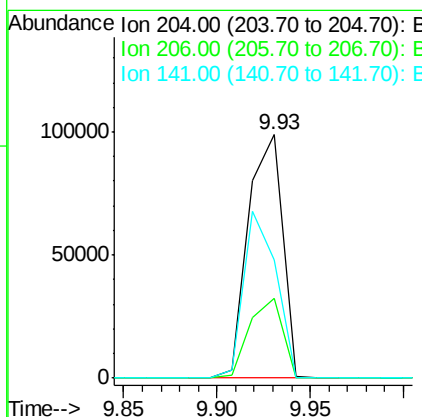
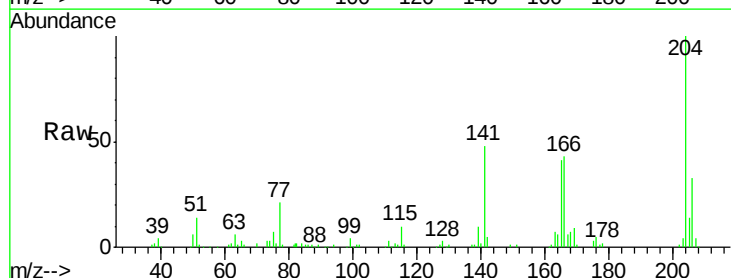
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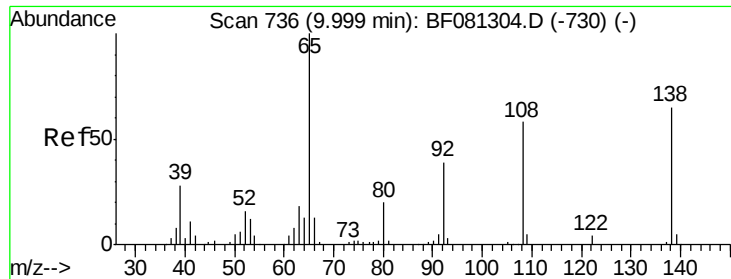
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	289433		
177	19.0	17.5	26.3	
150	12.5	9.4	14.2	



#60
4-Chlorophenyl-phenylether
Concen: 38.74 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

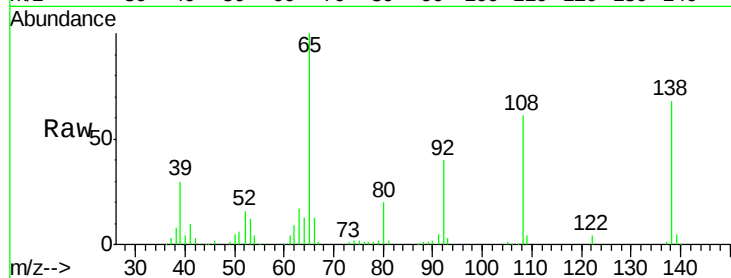
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	125591		
206	32.8	24.8	37.2	
141	48.4	42.2	63.4	





#61
4-Nitroaniline
Concen: 34.38 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

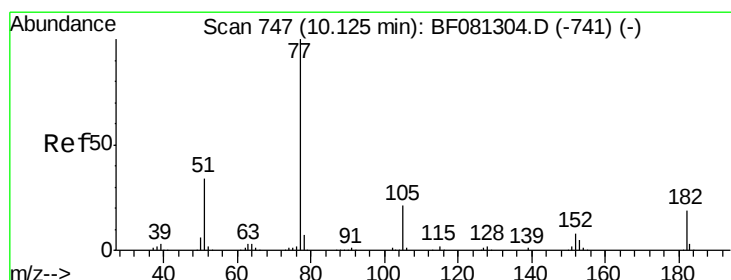
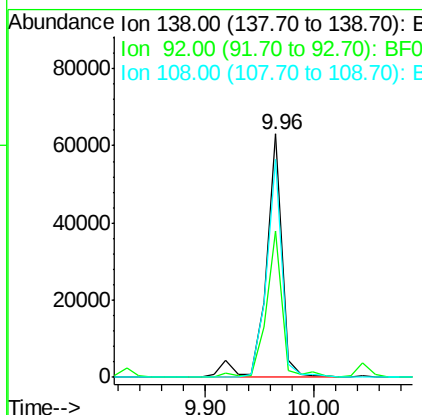
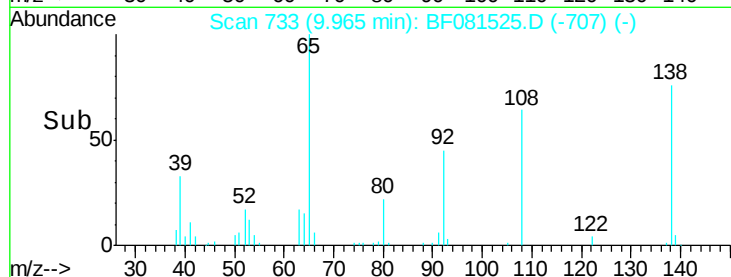
Instrument :
BNA_F
ClientSampleId :
PB85410BS



Tgt Ion: 138 Resp: 65274
Ion Ratio Lower Upper
138 100
92 59.9 12.6 52.6#
108 89.8 12.4 52.4#

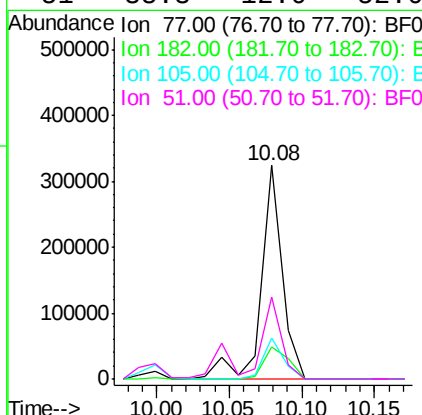
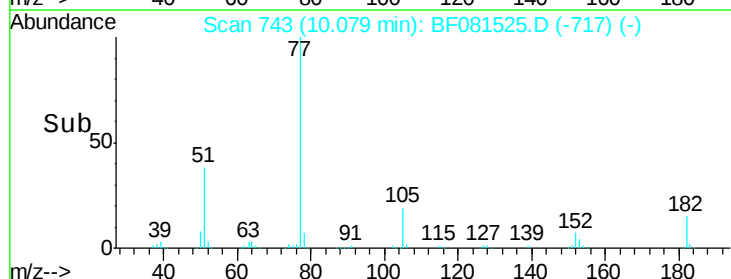
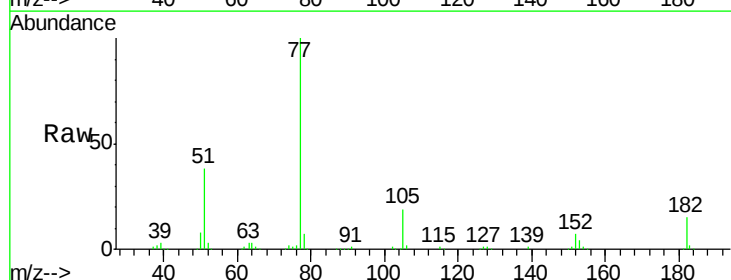
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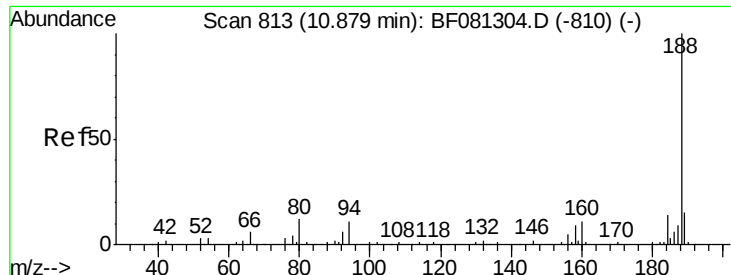
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#62
Azobenzene
Concen: 38.36 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion: 77 Resp: 326269
Ion Ratio Lower Upper
77 100
182 15.2 15.1 55.1
105 19.2 3.4 43.4
51 38.3 12.0 52.0





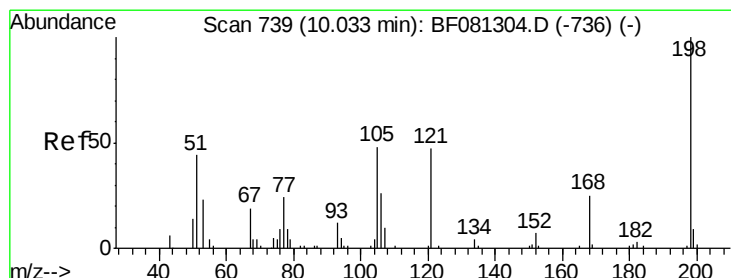
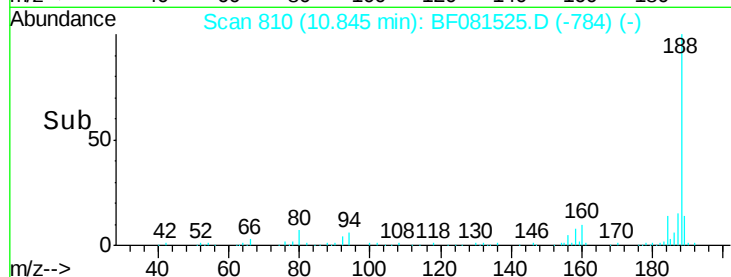
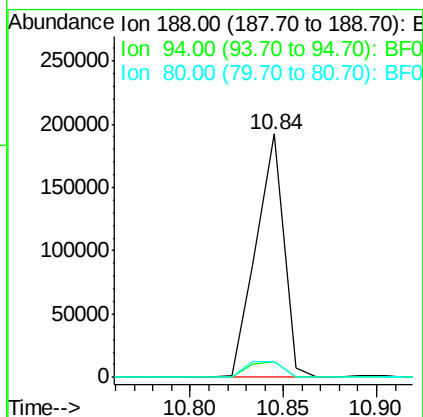
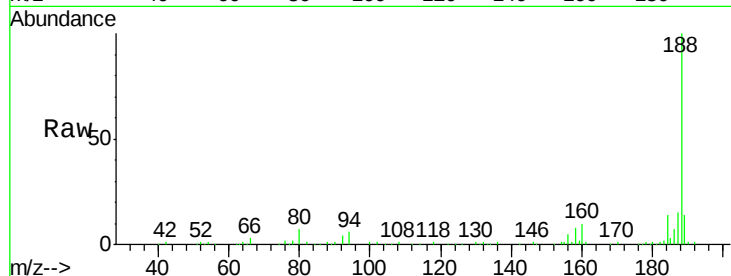
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.5	11.1	16.7#
80	6.6	11.0	16.4#

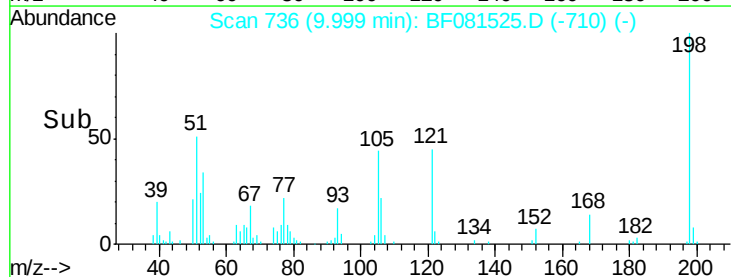
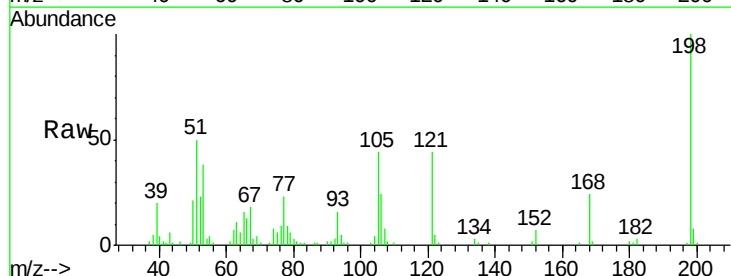
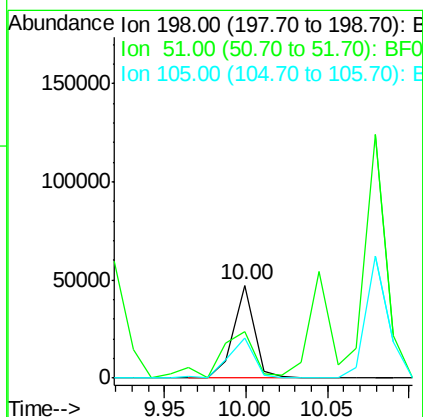
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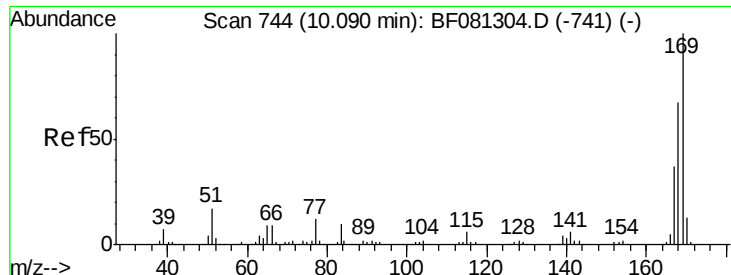
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.77 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.3	39.6	79.6
105	43.8	28.5	68.5





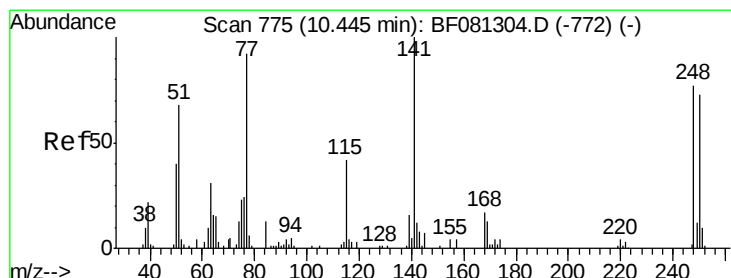
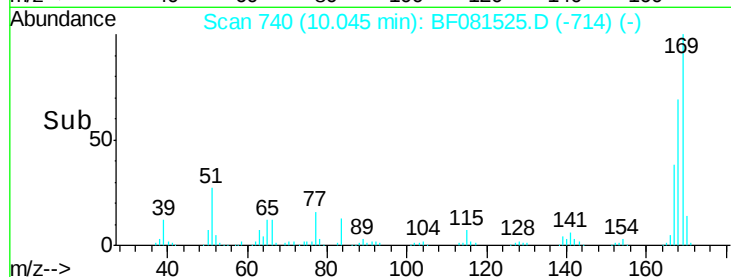
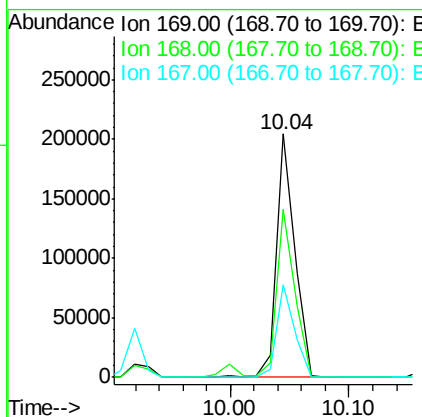
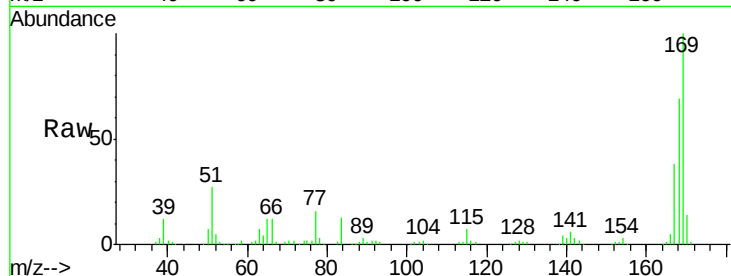
#65
n-Nitrosodiphenylamine
Concen: 29.81 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	215876		
168	69.1	48.9	73.3	
167	37.9	26.2	39.4	

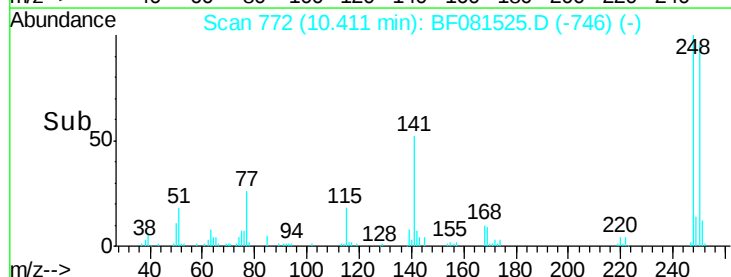
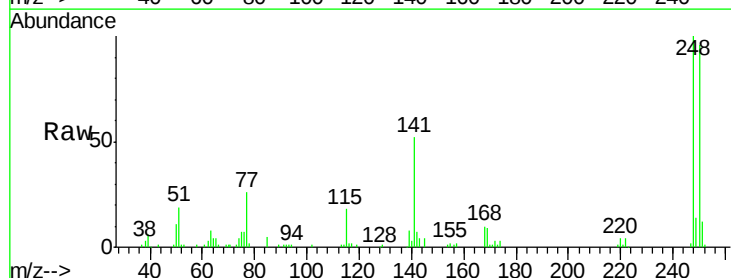
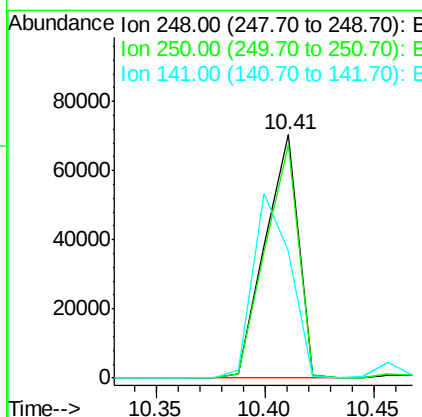
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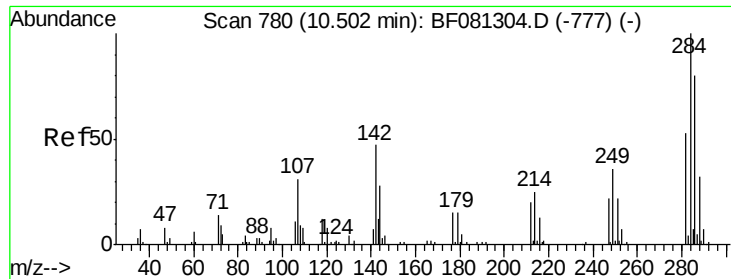
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#66
4-Bromophenyl-phenylether
Concen: 37.75 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75954		
250	95.8	78.5	117.7	
141	52.4	59.0	88.6	





#67

Hexachlorobenzene

Concen: 34.19 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF081525.D

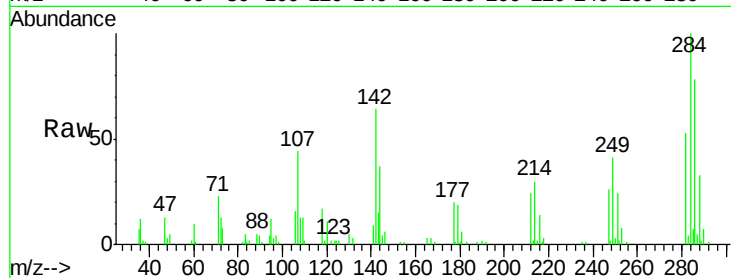
Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

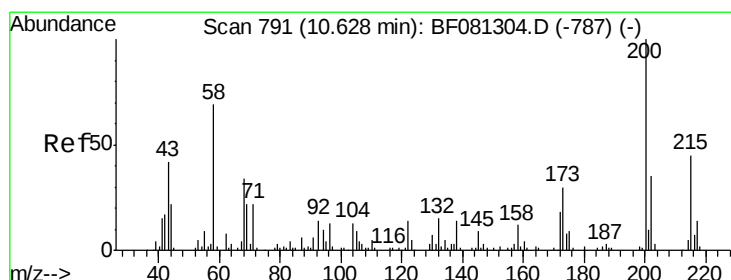
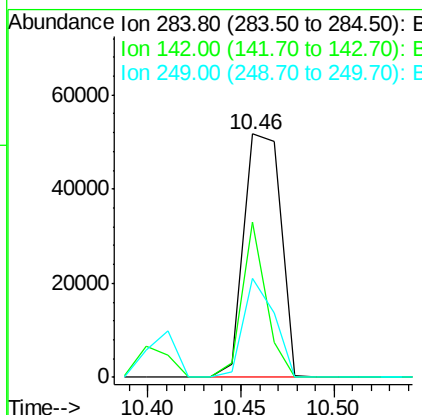
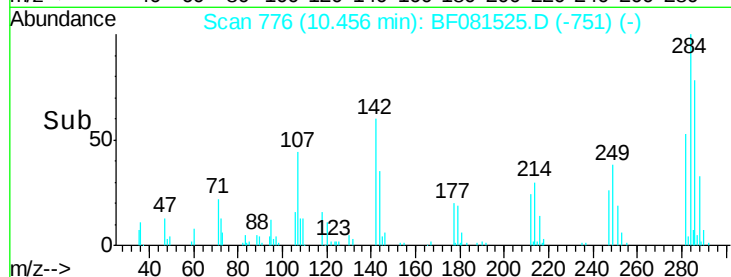
PB85410BS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	71921		
142	63.6	29.5	44.3#	
249	40.6	19.5	29.3#	

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#68

Atrazine

Concen: 34.86 ng

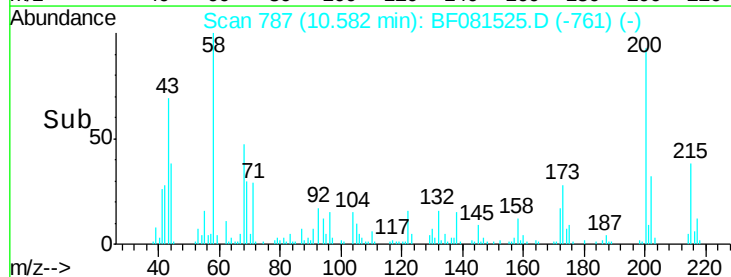
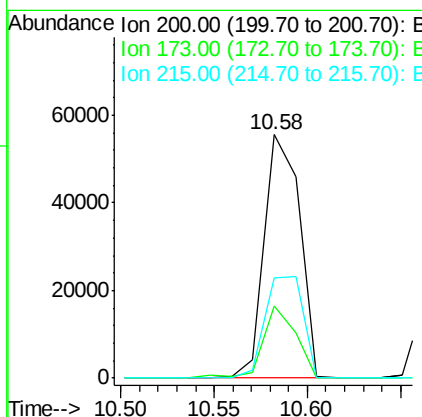
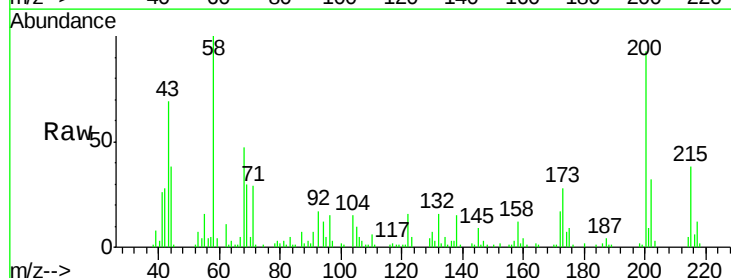
RT: 10.58 min Scan# 787

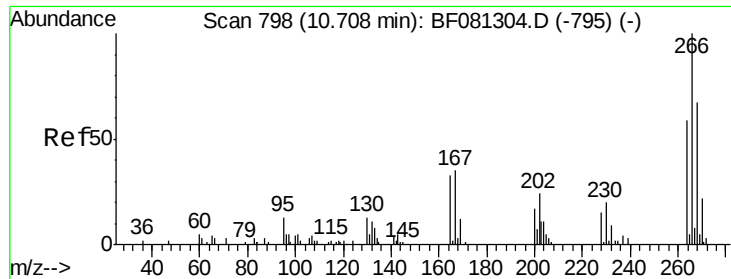
Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	73049		
173	29.7	13.2	53.2	
215	41.1	41.8	81.8#	





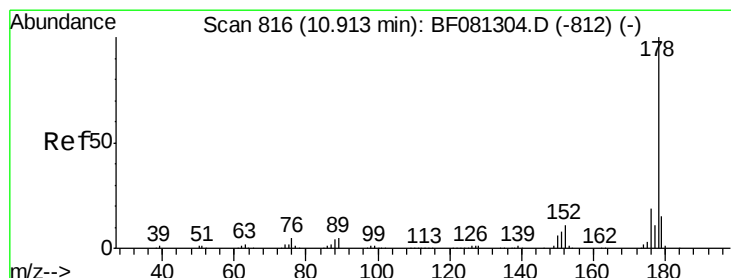
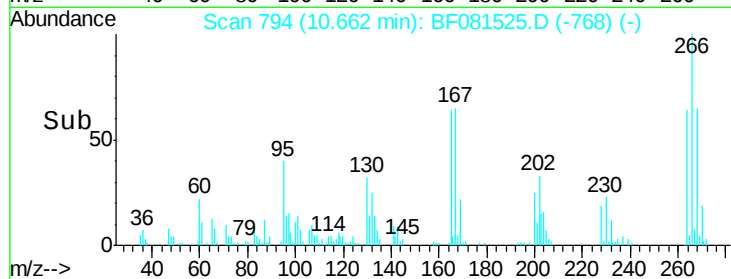
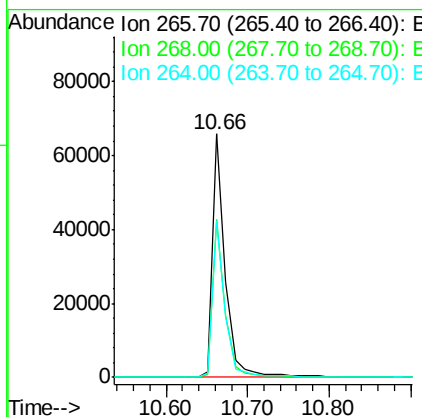
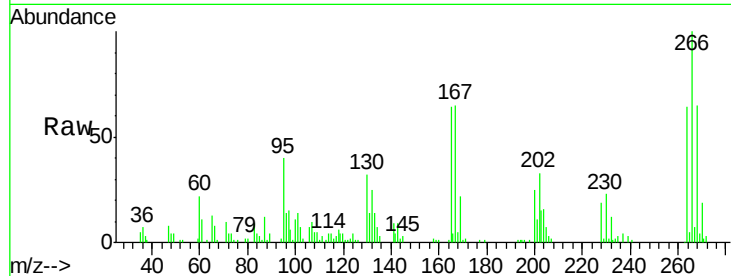
#69
 Pentachlorophenol
 Concen: 71.56 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	72233		
268	64.8	49.8	74.6	
264	64.1	50.2	75.2	

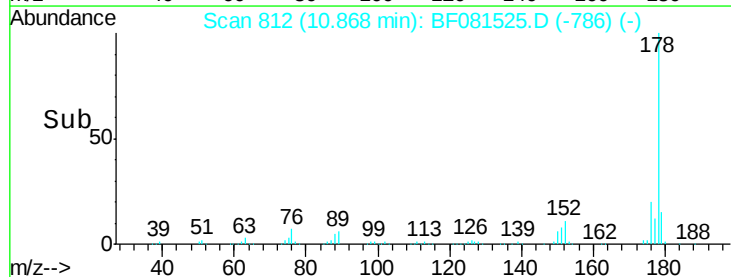
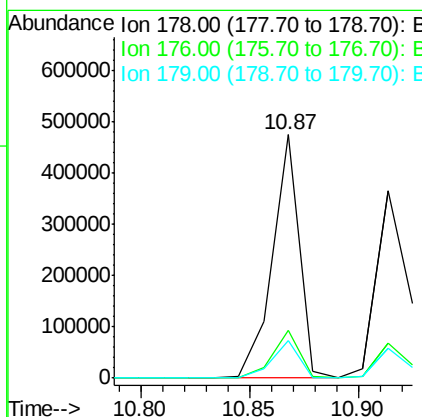
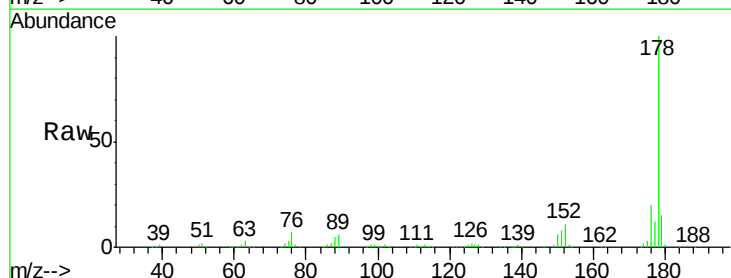
Manual Integrations
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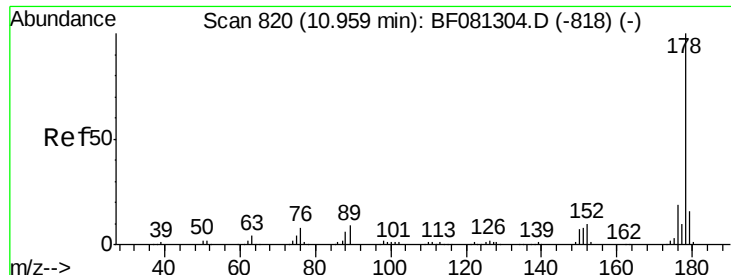
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#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	414580		
176	19.6	13.8	20.8	
179	15.3	12.2	18.2	





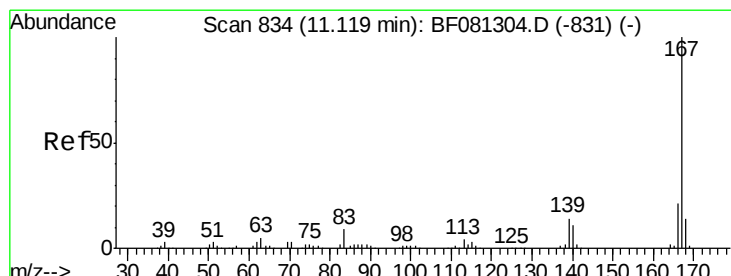
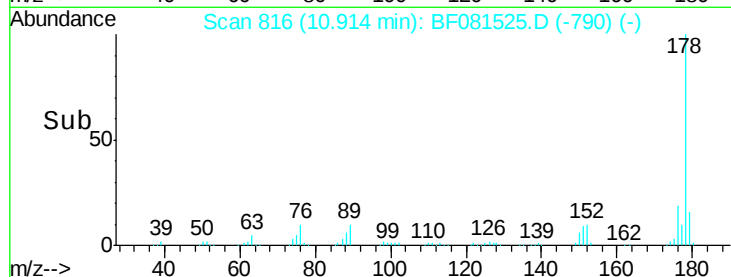
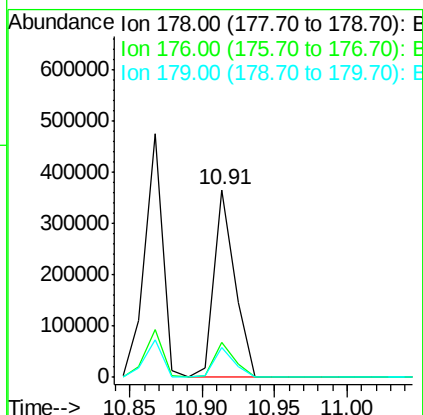
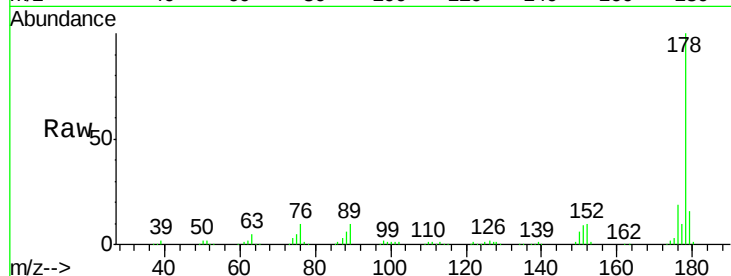
#71
 Anthracene
 Concen: 32.11 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	364999		
176	18.7	14.1	21.1	
179	15.8	12.2	18.2	

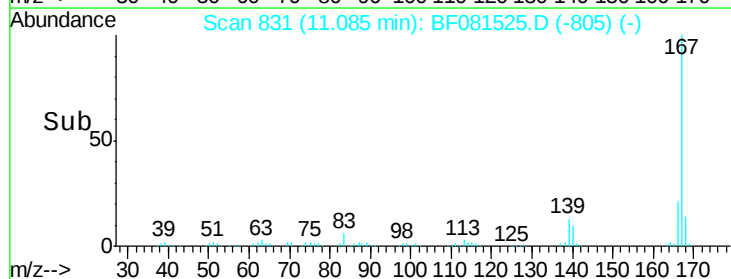
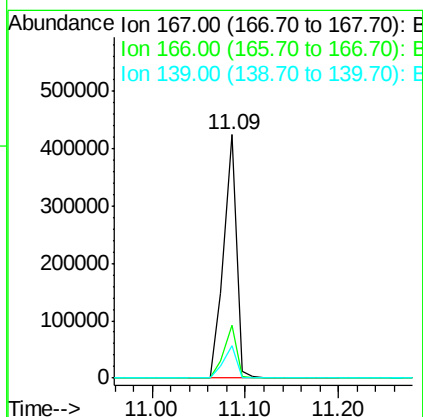
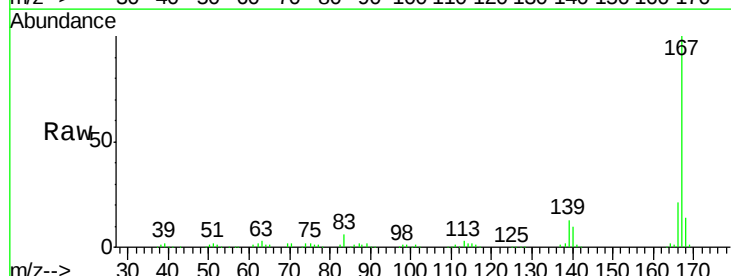
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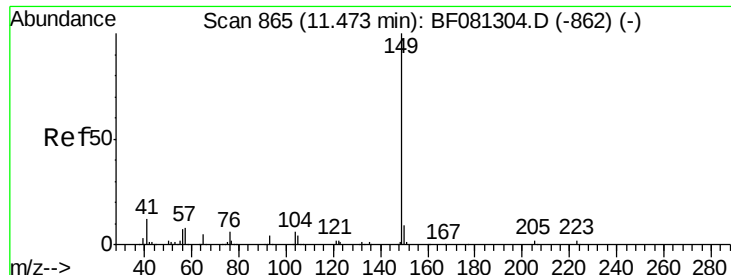
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#72
 Carbazole
 Concen: 38.08 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	406190		
166	21.5	15.7	23.5	
139	13.2	9.5	14.3	





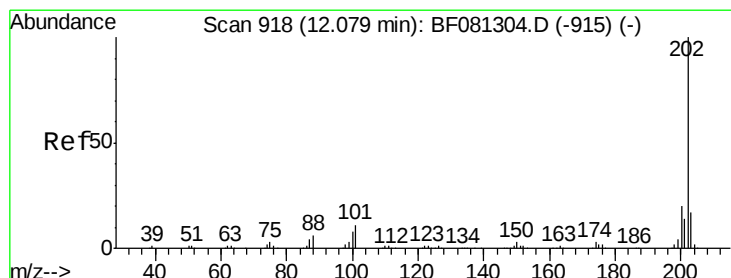
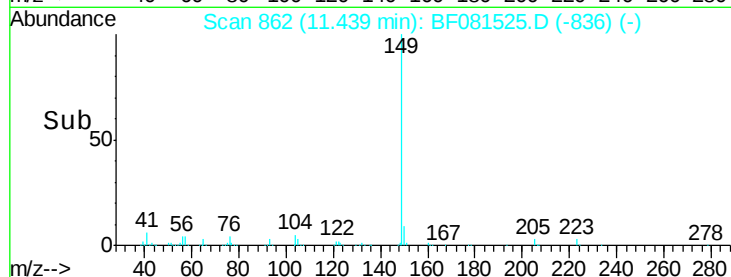
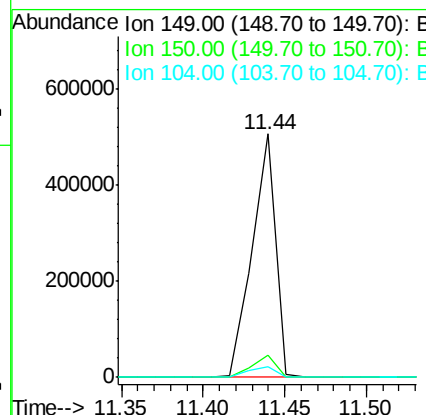
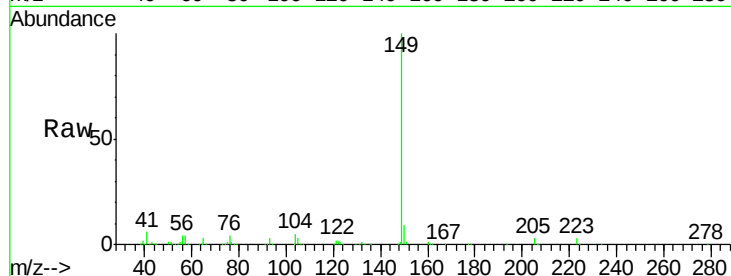
#73
Di-n-butylphthalate
Concen: 39.94 ng
RT: 11.44 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Manual Integrations
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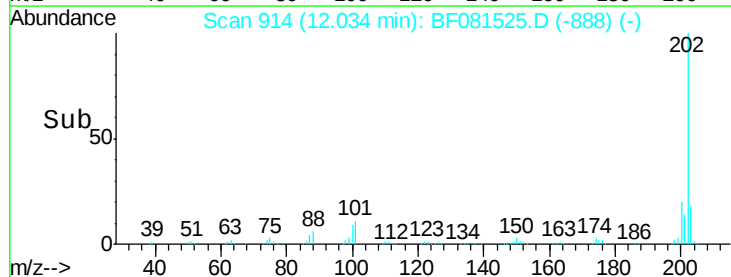
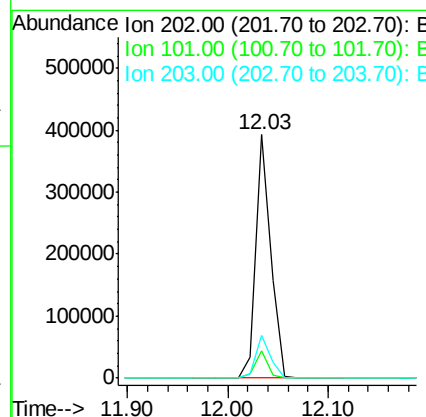
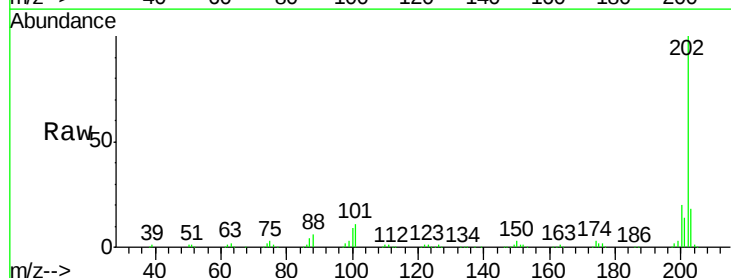
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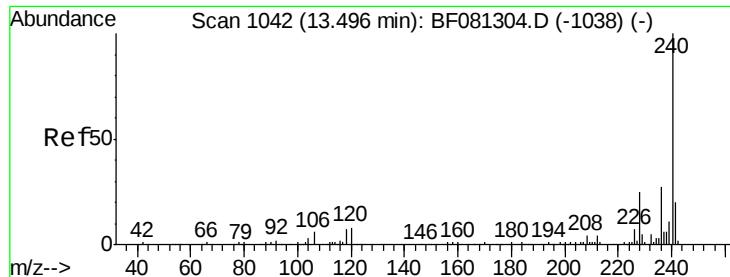
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.4	11.2	
104	4.5	2.4	3.6	



#74
Fluoranthene
Concen: 33.73 ng
RT: 12.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.1	0.0	38.3	
203	17.6	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

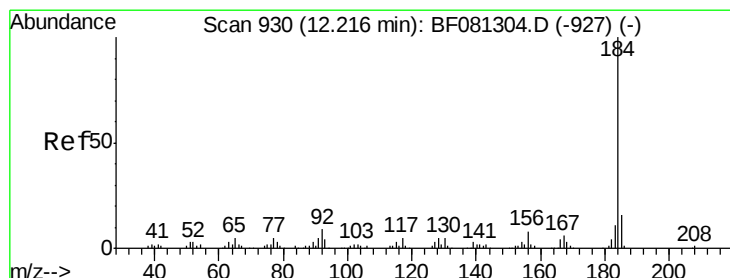
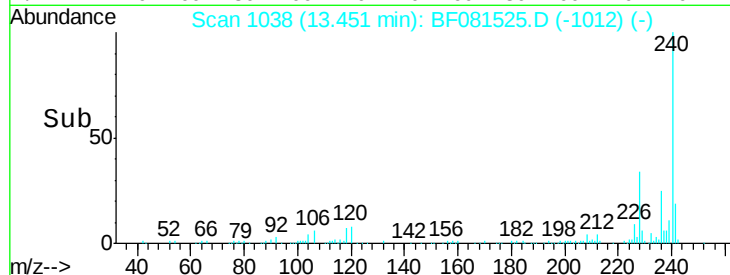
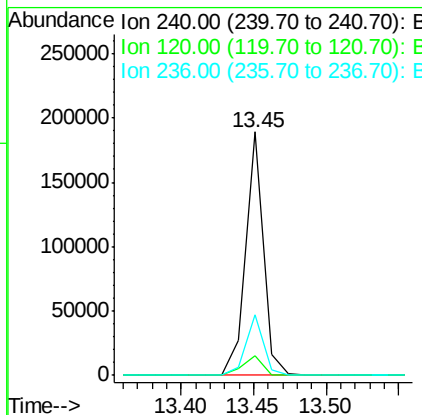
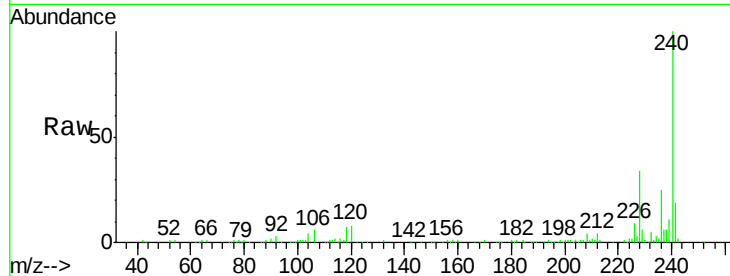
ClientSampleId :

PB85410BS

Tgt Ion:	240	Resp:	160512
Ion Ratio		Lower	Upper
240	100		
120	7.9	16.2	24.2#
236	25.1	18.4	27.6

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#76

Benzidine

Concen: 30.24 ng

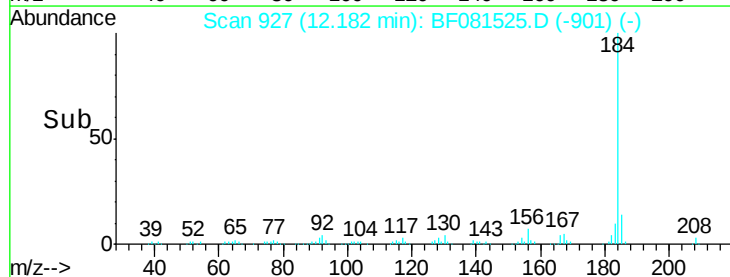
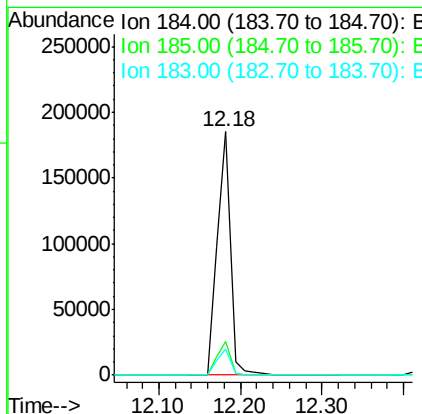
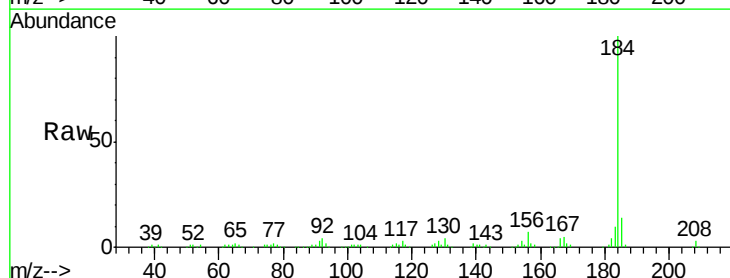
RT: 12.18 min Scan# 927

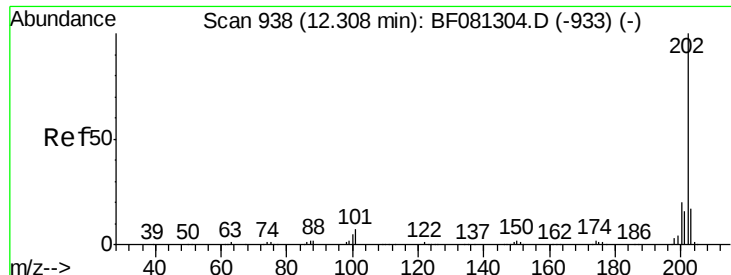
Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:	184	Resp:	208401
Ion Ratio		Lower	Upper
184	100		
185	13.8	11.8	17.6
183	10.5	7.6	11.4





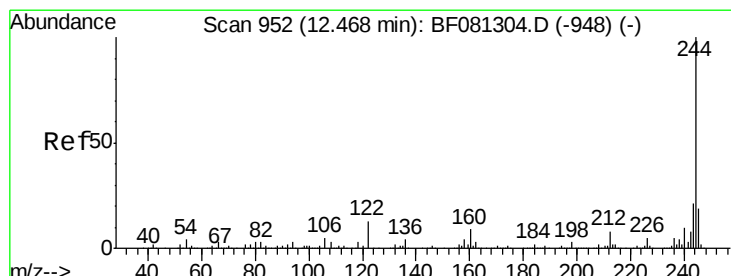
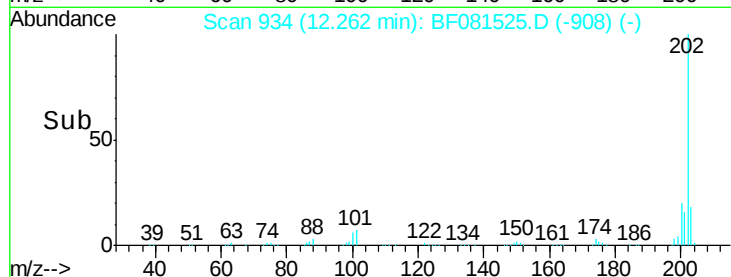
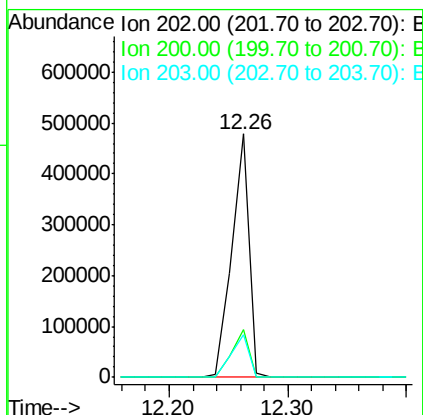
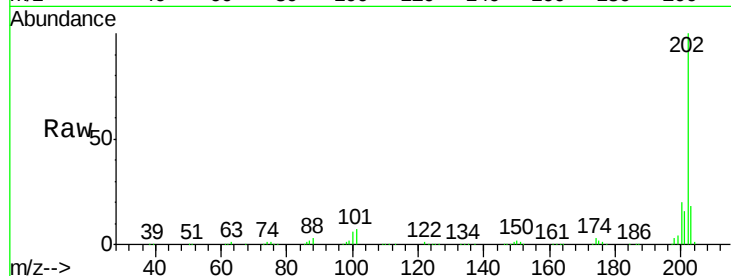
#77
 Pyrene
 Concen: 40.32 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.7	15.0	22.4
203	17.5	14.1	21.1

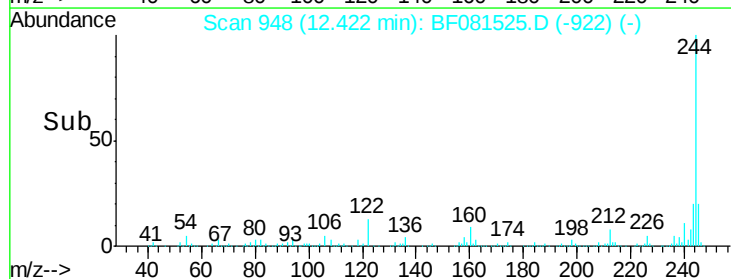
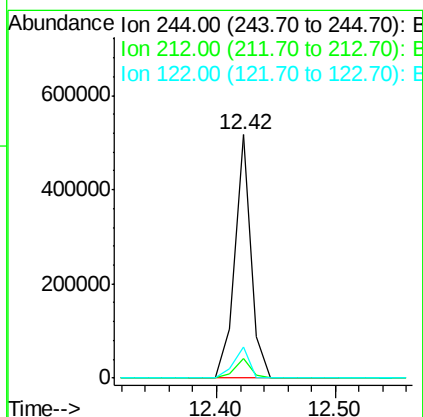
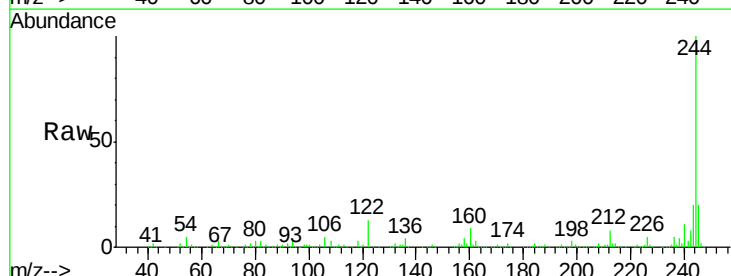
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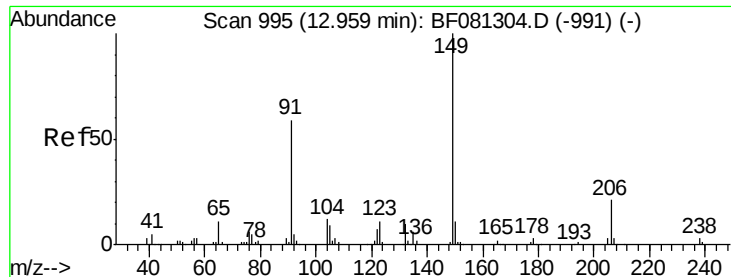
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#78
 Terphenyl-d14
 Concen: 70.71 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	13.0	17.4	26.2#





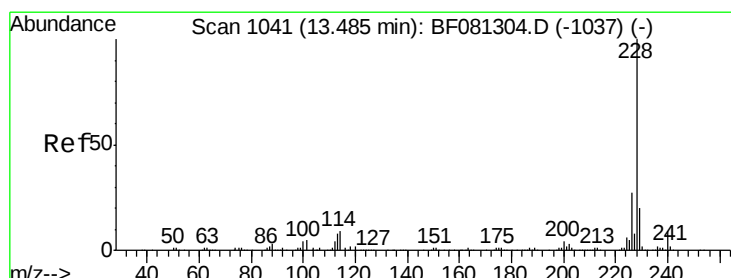
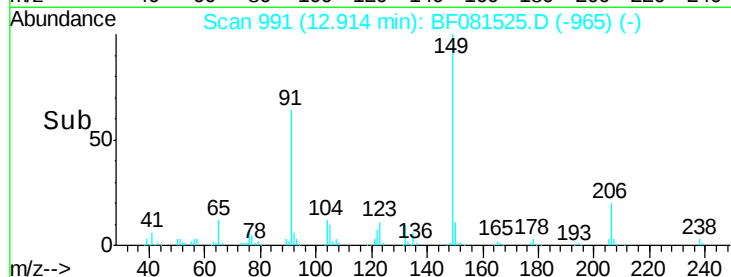
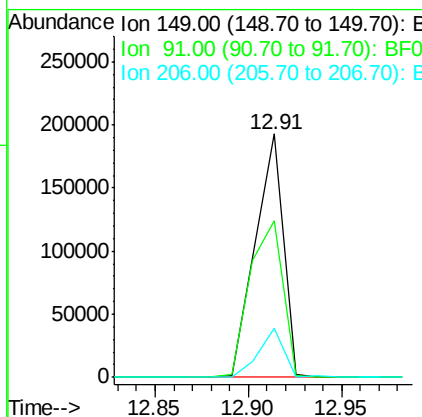
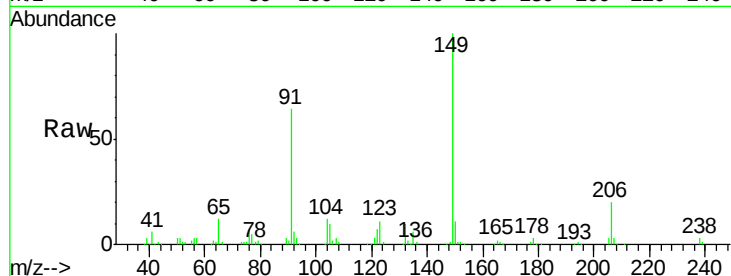
#79
Butylbenzylphthalate
Concen: 38.73 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	200278		
91	64.2	48.6	72.8	
206	20.3	14.9	22.3	

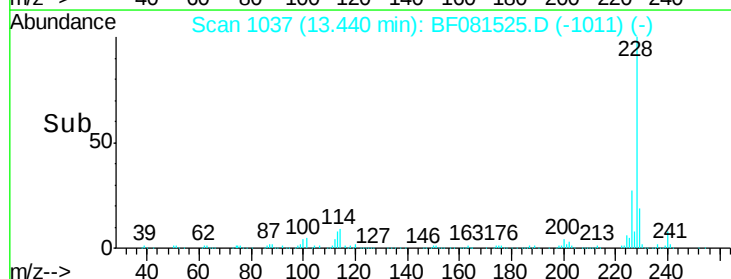
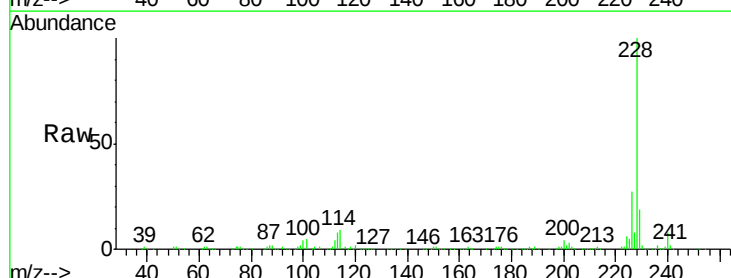
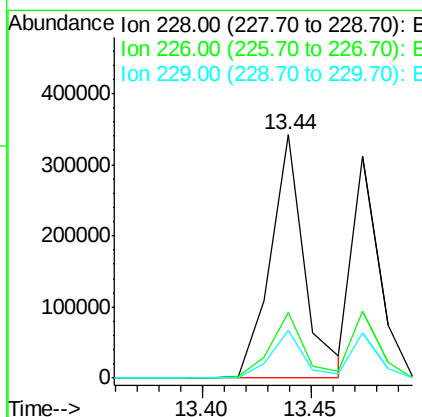
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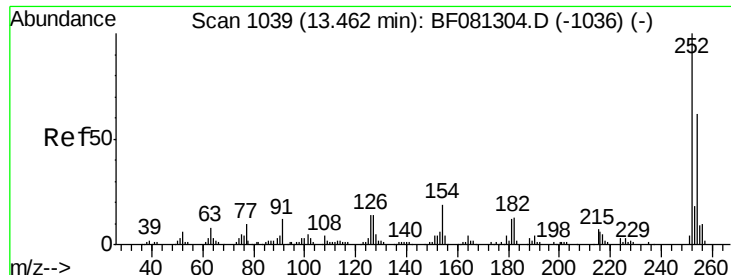
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#80
Benzo(a)anthracene
Concen: 36.75 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	375629		
226	27.0	20.0	30.0	
229	19.5	15.4	23.2	





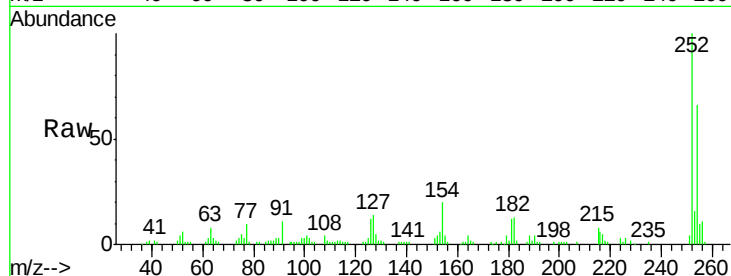
#81
 3,3'-Dichlorobenzidine
 Concen: 18.67 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

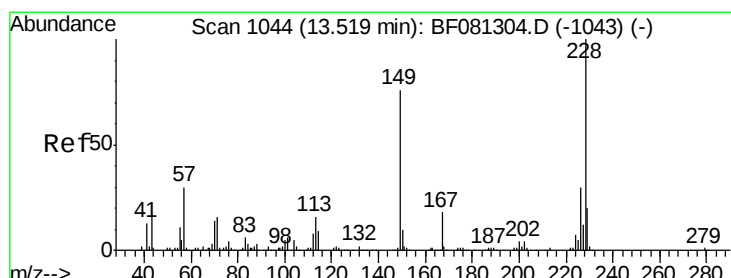
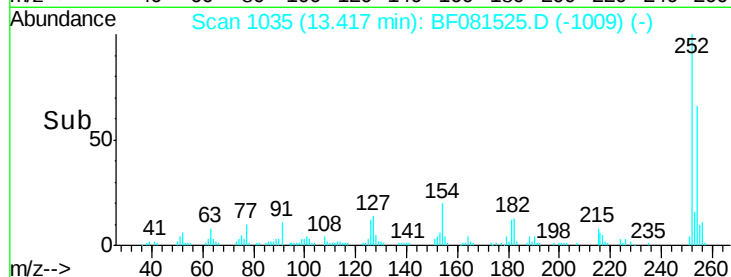
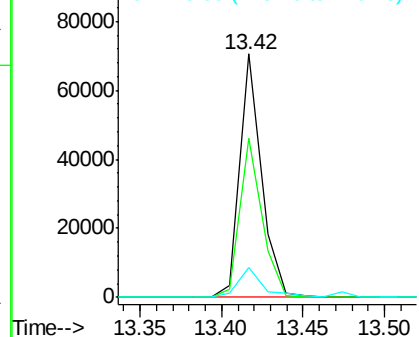
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	51.4	77.2
126	12.4	16.4	24.6

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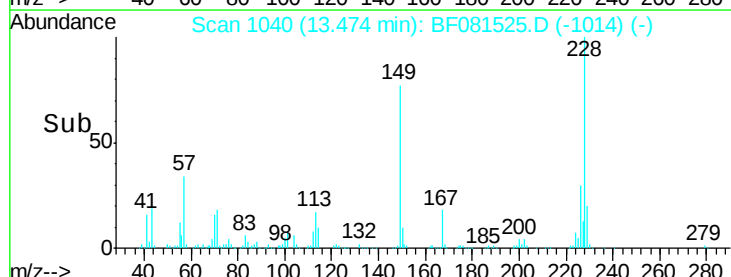
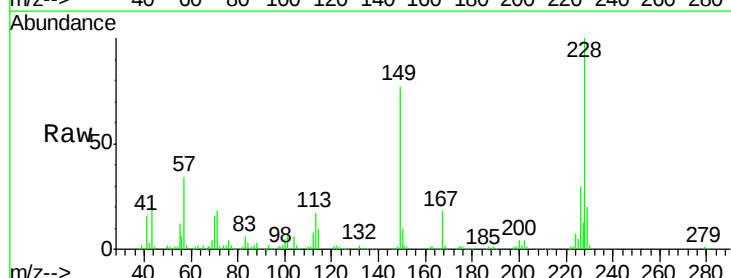
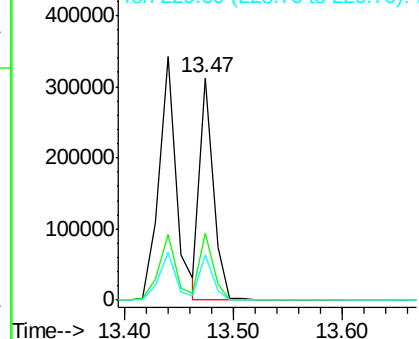
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

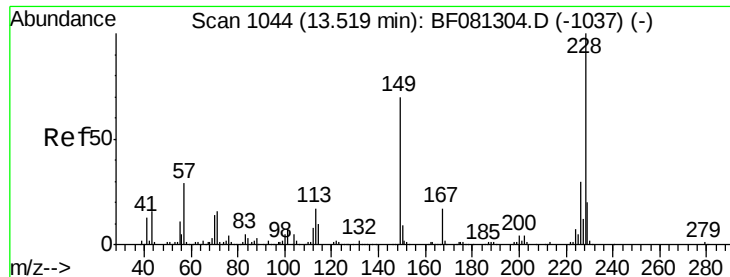


#82
 Chrysene
 Concen: 29.54 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	21.0	31.4
229	20.1	15.6	23.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





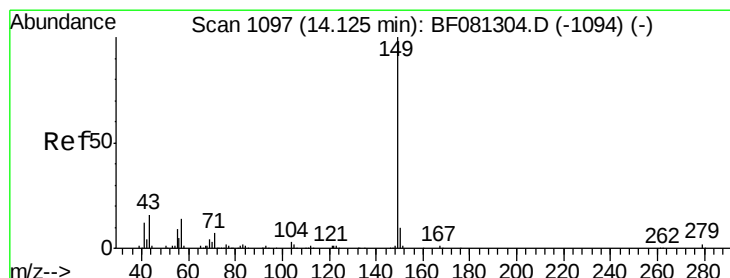
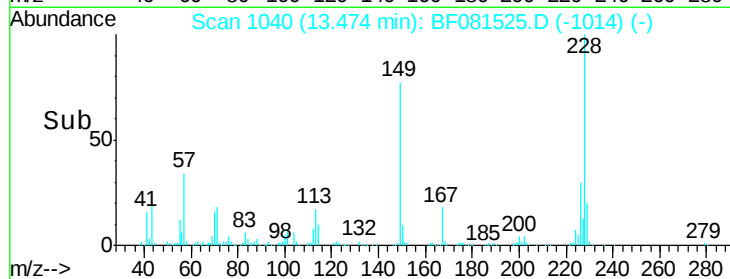
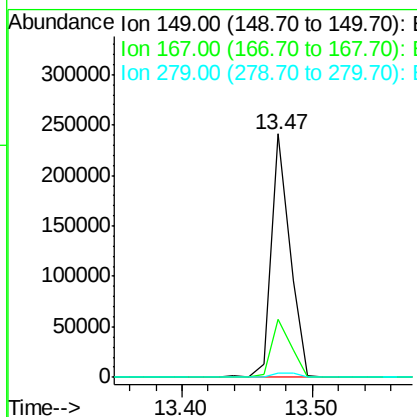
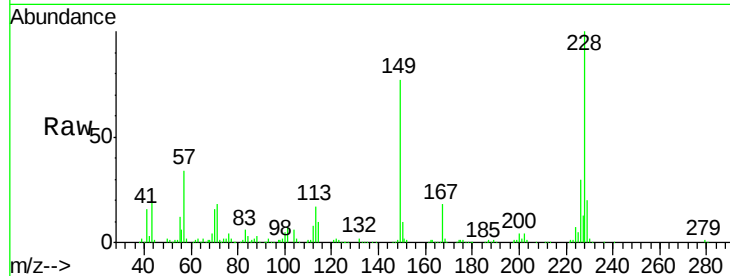
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.44 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241868		
167	23.8	24.2	36.2#	
279	1.6	3.8	5.6#	

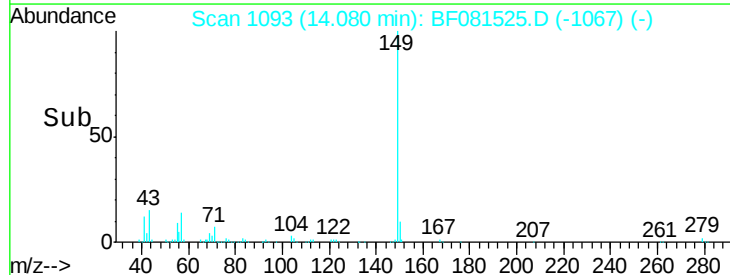
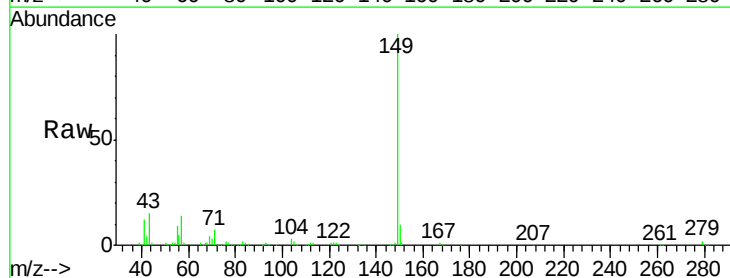
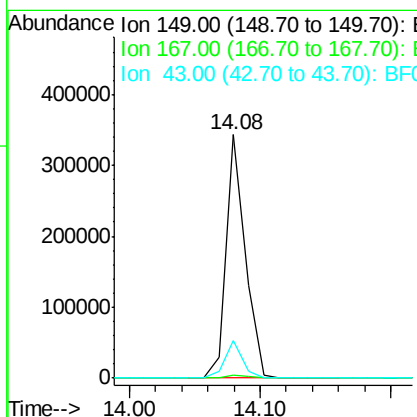
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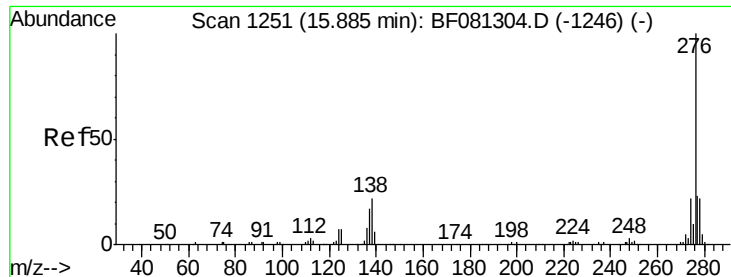
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#84
 Di-n-octyl phthalate
 Concen: 31.22 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350777		
167	1.4	1.0	1.6	
43	14.4	10.2	15.2	





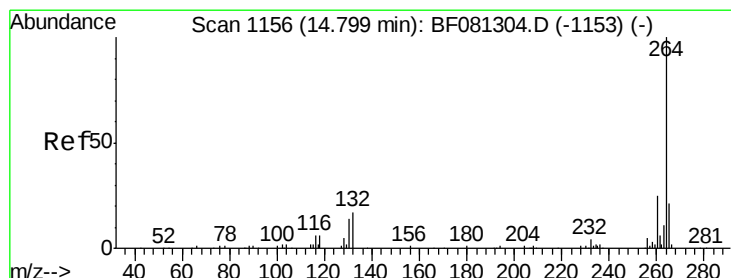
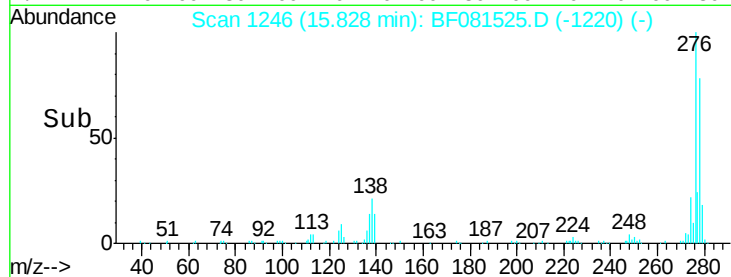
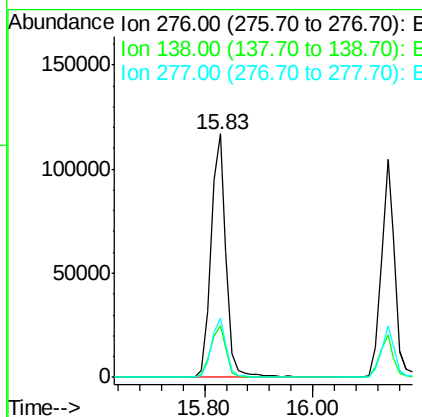
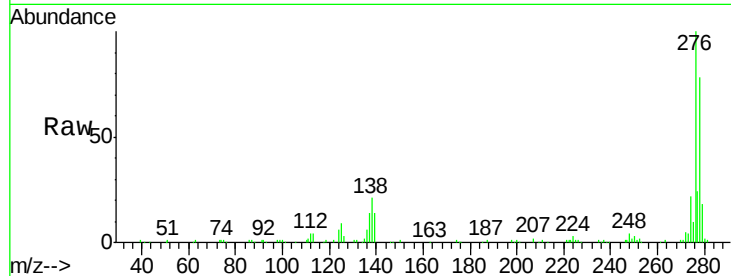
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.86 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.7	38.5#
277	24.0	15.6	23.4#

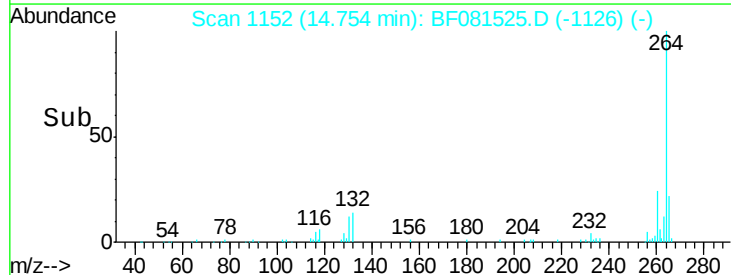
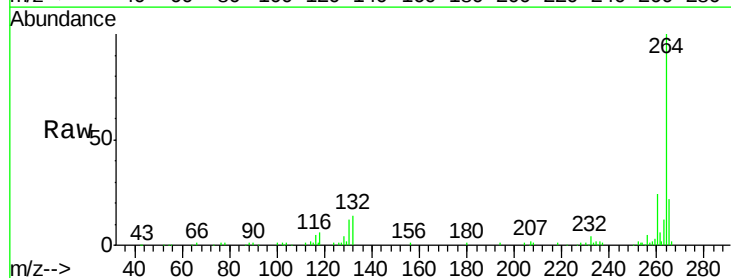
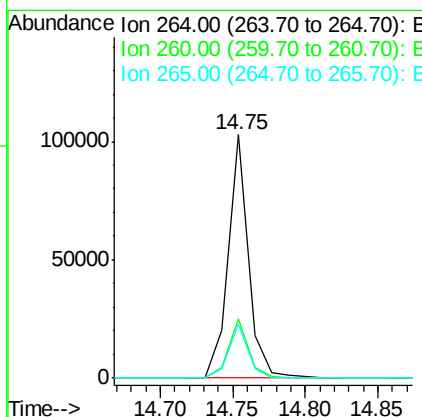
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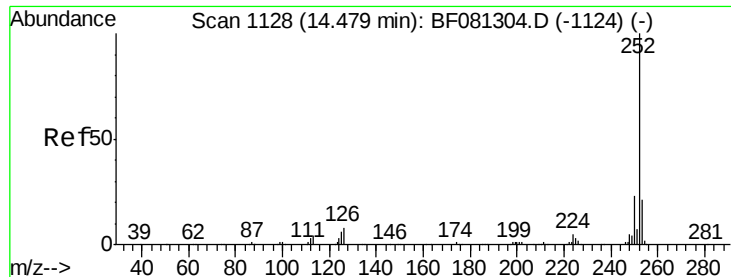
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.44 ng m

RT: 14.43 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

Tgt Ion:252 Resp: 321937
Ion Ratio Lower Upper

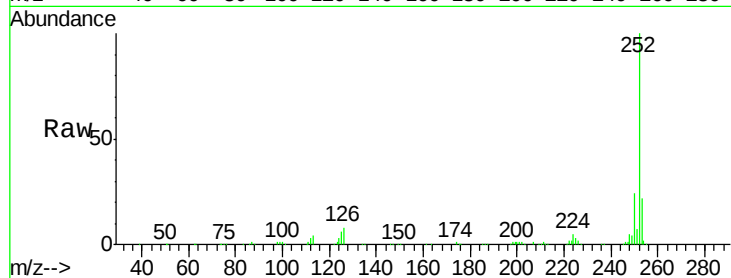
252 100

253 22.4 17.5 26.3

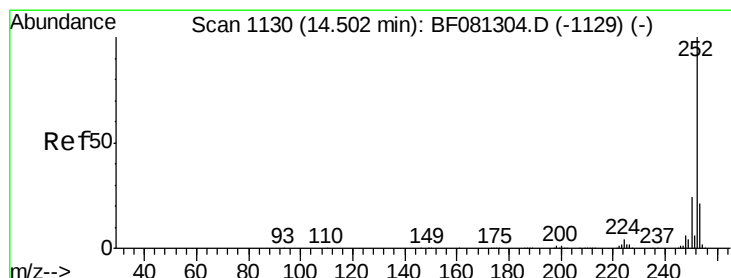
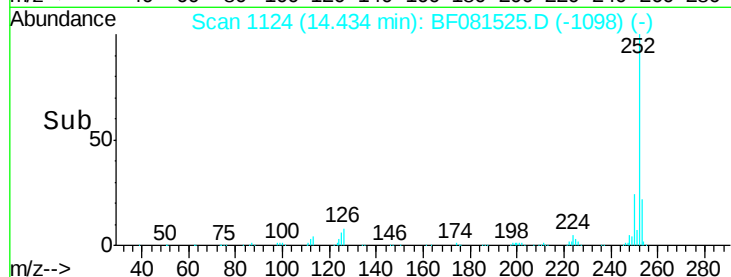
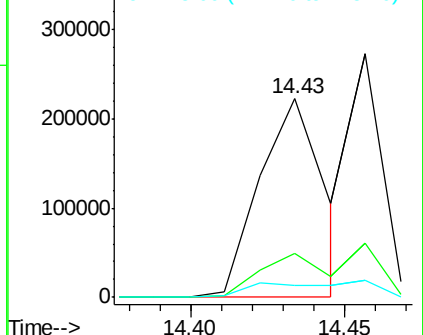
125 5.8 17.1 25.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.93 ng m

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

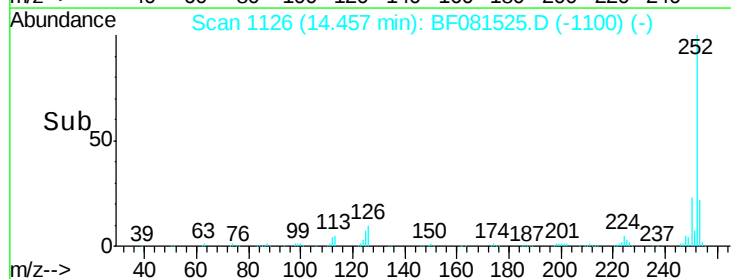
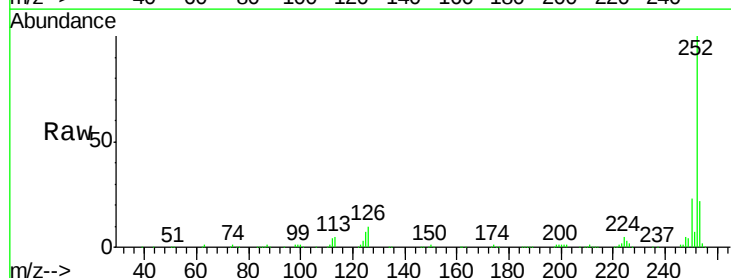
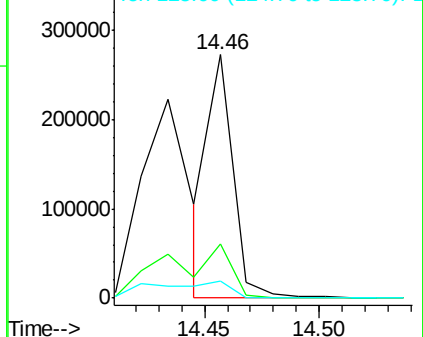
Tgt Ion:252 Resp: 205380
Ion Ratio Lower Upper

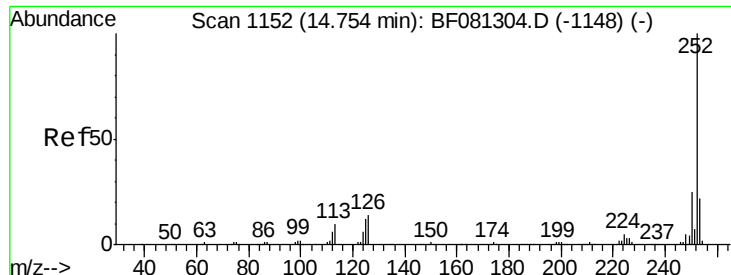
252 100

253 22.2 17.0 25.4

125 6.8 16.0 24.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





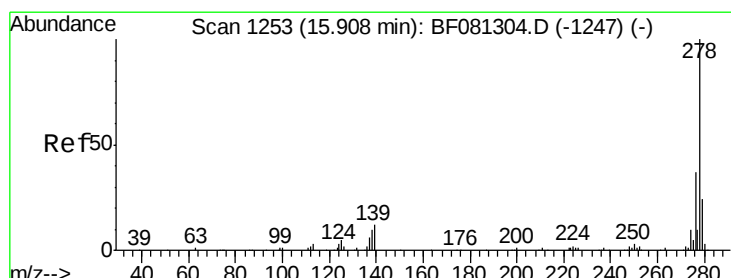
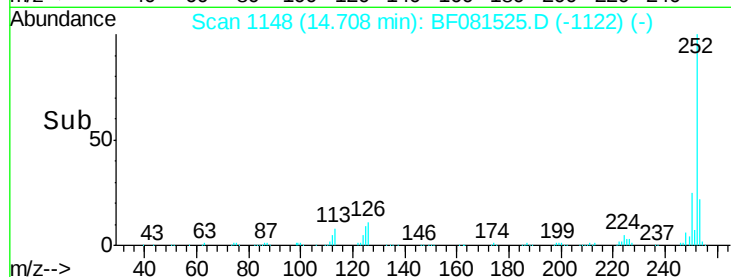
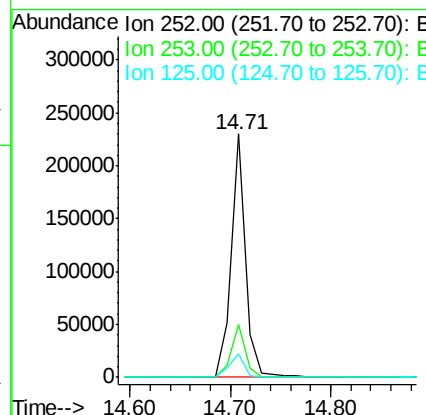
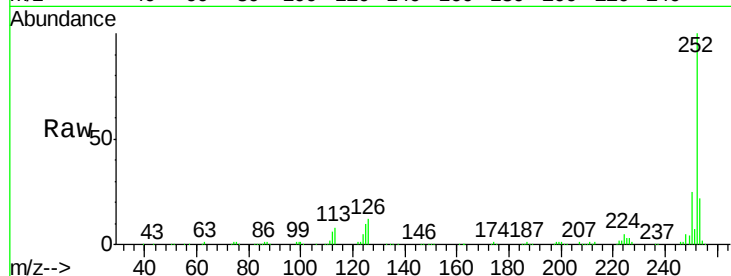
#89
Benzo(a)pyrene
Concen: 38.18 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.2	25.8
125	9.9	18.0	27.0

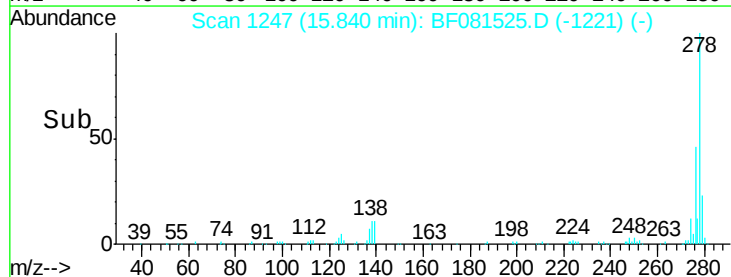
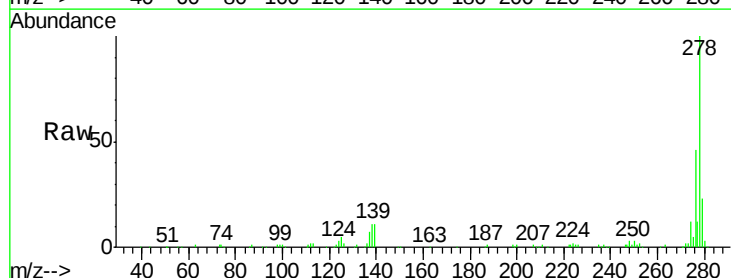
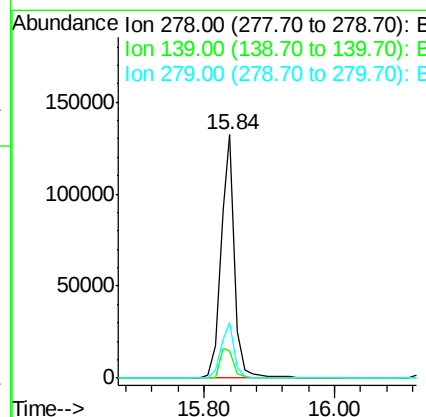
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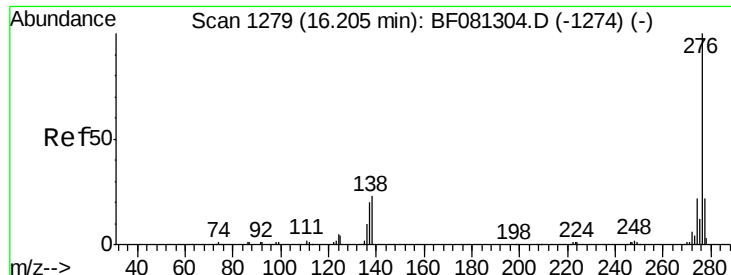
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#90
Dibenzo(a,h)anthracene
Concen: 41.85 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.0	26.3	39.5
279	22.6	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.13 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tgt Ion:	276	Resp:	186556
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.8	26.6
138	19.9	34.6	51.8#

Manual Integrations
 APPROVED

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