

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082844.D
 Acq On : 9 Nov 2015 22:21
 Operator : UM/IZ
 Sample : G4306-15MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:33 PM

Quant Time: Nov 10 03:43:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	244722	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	932988	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	437213	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	818902	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	584370	20.00	ng	-0.03
86) Perylene-d12	15.40	264	584699	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2155237	137.03	ng	0.00
7) Phenol-d6	6.48	99	2795812	133.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	1916517	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	681777	136.00	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2477691	81.22	ng	-0.02
78) Terphenyl-d14	12.94	244	2534099	102.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	260978	38.46	ng	96
3) Pyridine	3.17	79	832714	42.29	ng	93
4) n-Nitrosodimethylamine	3.13	42	429758	44.00	ng	# 75
6) Aniline	6.50	93	1122785	38.24	ng	# 85
8) 2-Chlorophenol	6.62	128	797805	45.76	ng	97
9) Benzaldehyde	6.37	77	90489	7.83	ng	85
10) Phenol	6.49	94	937849	39.53	ng	# 71
11) bis(2-Chloroethyl)ether	6.57	93	822895	46.38	ng	95
12) 1,3-Dichlorobenzene	6.77	146	831102m	42.26	ng	
13) 1,4-Dichlorobenzene	6.85	146	840485m	41.08	ng	
14) 1,2-Dichlorobenzene	7.00	146	718477	38.62	ng	95
15) Benzyl Alcohol	6.98	79	781944	42.58	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1213030	46.61	ng	97
17) 2-Methylphenol	7.09	107	693765	46.98	ng	98
18) Hexachloroethane	7.34	117	291918	39.89	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	688711	44.81	ng	# 79
20) 3+4-Methylphenols	7.25	107	832933	43.38	ng	89
22) Acetophenone	7.25	105	1193784	44.66	ng	# 91
24) Nitrobenzene	7.41	77	905439	41.29	ng	# 88
25) Isophorone	7.66	82	1790458	45.13	ng	97
26) 2-Nitrophenol	7.73	139	403712	44.11	ng	# 77
27) 2,4-Dimethylphenol	7.78	122	713193	43.37	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	972953	43.48	ng	# 98
29) 2,4-Dichlorophenol	7.98	162	750458	50.49	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	738734	44.20	ng	96
31) Naphthalene	8.14	128	2276080	44.22	ng	100
32) Benzoic acid	7.86	122	95704	8.50	ng	# 83
33) 4-Chloroaniline	8.19	127	906404	40.86	ng	# 91
34) Hexachlorobutadiene	8.27	225	436822	41.76	ng	99
35) Caprolactam	8.57	113	257243m	54.90	ng	
36) 4-Chloro-3-methylphenol	8.68	107	827129	47.32	ng	91
37) 2-Methylnaphthalene	8.83	142	1333054	40.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	624329	43.45	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	736091	95.36	ng	99

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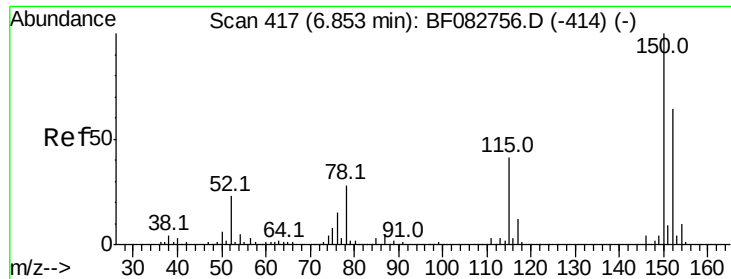
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	527503	49.19	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	544699m	51.35	nq	
45) 1,1'-Biphenyl	9.30	154	1689593	45.04	nq	96
46) 2-Chloronaphthalene	9.32	162	1393522	47.62	nq	97
47) 2-Nitroaniline	9.41	65	532648	49.07	nq	# 84
48) Acenaphthylene	9.73	152	1990085	43.39	nq	99
49) Dimethylphthalate	9.61	163	2246537	62.72	nq	99
50) 2,6-Dinitrotoluene	9.66	165	408171	53.40	nq	# 60
51) Acenaphthene	9.90	154	1346480	46.32	nq	99
52) 3-Nitroaniline	9.82	138	344908	41.03	nq	86
53) 2,4-Dinitrophenol	9.93	184	269959	64.33	nq	# 27
54) Dibenzofuran	10.08	168	1730590	44.16	nq	96
55) 4-Nitrophenol	10.00	139	547000	84.82	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	548686	52.91	nq	# 83
57) Fluorene	10.42	166	1316376	41.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	449033	51.87	nq	# 88
59) Diethylphthalate	10.30	149	1632466	46.68	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	720780	45.39	nq	93
61) 4-Nitroaniline	10.44	138	374386	44.29	nq	# 80
62) Azobenzene	10.58	77	1896560	50.48	nq	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	306010	52.45	nq	76
65) n-Nitrosodiphenylamine	10.53	169	1219443	41.22	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	410532	41.63	nq	# 73
67) Hexachlorobenzene	10.97	284	455905	41.41	nq	# 85
68) Atrazine	11.06	200	437828	47.86	nq	97
69) Pentachlorophenol	11.16	266	537074	80.33	nq	98
70) Phenanthrene	11.38	178	2072583	43.58	nq	99
71) Anthracene	11.44	178	2193611	43.79	nq	98
72) Carbazole	11.58	167	2075994	47.34	nq	99
73) Di-n-butylphthalate	11.93	149	2452746	44.89	nq	# 97
74) Fluoranthene	12.57	202	2278518	44.65	nq	97
76) Benzidine	12.68	184	1144588	58.44	nq	100
77) Pyrene	12.80	202	2272838	56.63	nq	100
79) Butylbenzylphthalate	13.41	149	948032	53.47	nq	97
80) Benzo(a)anthracene	13.97	228	1896444	51.90	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	674411	51.91	nq	100
82) Chrysene	14.02	228	1922607	57.44	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1382573	56.97	nq	# 98
84) Di-n-octyl phthalate	14.59	149	2196577	54.27	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1613953	55.99	nq	# 96
87) Benzo(b)fluoranthene	15.00	252	2007383m	53.49	nq	
88) Benzo(k)fluoranthene	15.04	252	1221512m	36.69	nq	
89) Benzo(a)pyrene	15.36	252	1609893	49.51	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	1331111	48.34	nq	# 97
91) Benzo(g,h,i)perylene	17.21	276	1341316	50.86	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

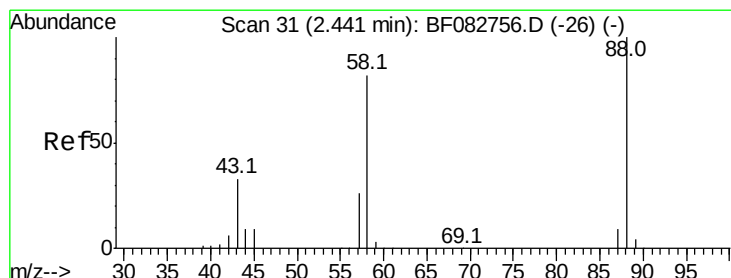
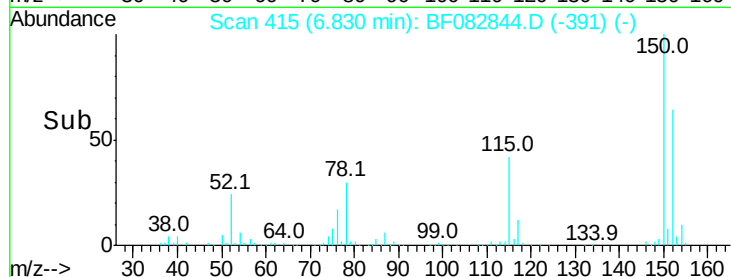
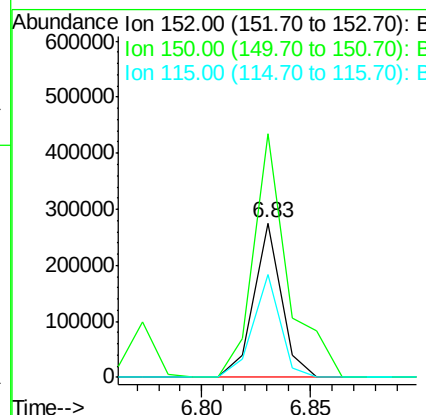
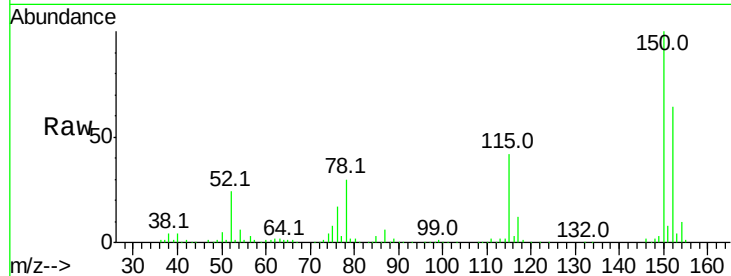
ClientSampleId :

D3MSD

Tot Ion:	152	Resp:	244722
Ion Ratio	Lower	Upper	
152	100		
150	157.5	127.0	190.4
115	66.4	47.0	70.6

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#2

1,4-Dioxane

Concen: 38.46 ng

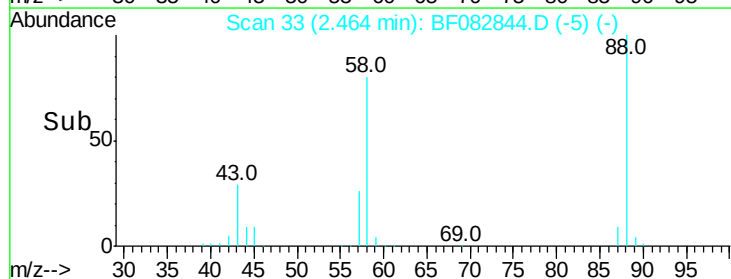
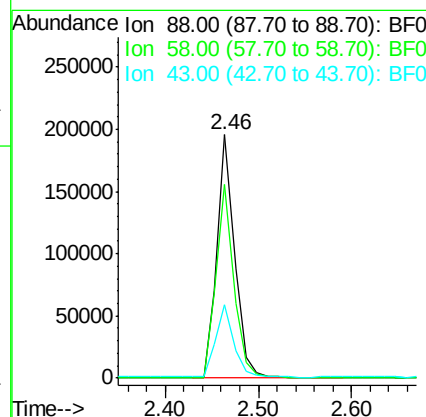
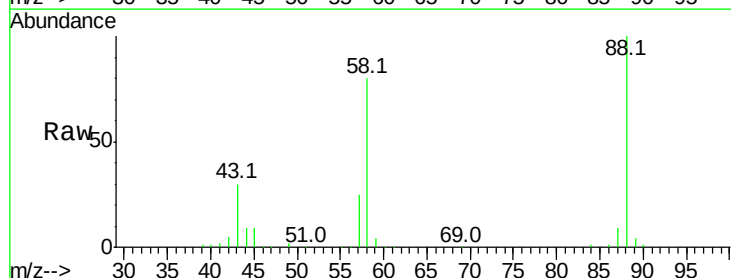
RT: 2.46 min Scan# 33

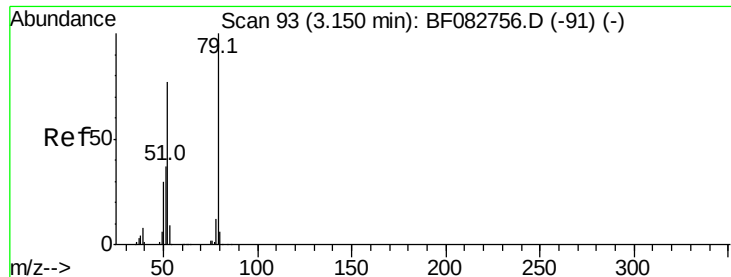
Delta R.T. 0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	88	Resp:	260978
Ion Ratio	Lower	Upper	
88	100		
58	80.1	62.0	93.0
43	29.9	26.6	40.0





#3

Pvridine

Concen: 42.29 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

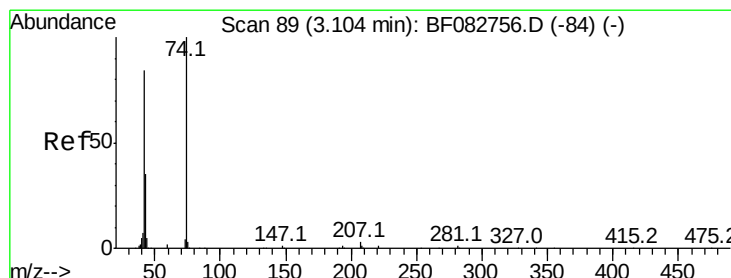
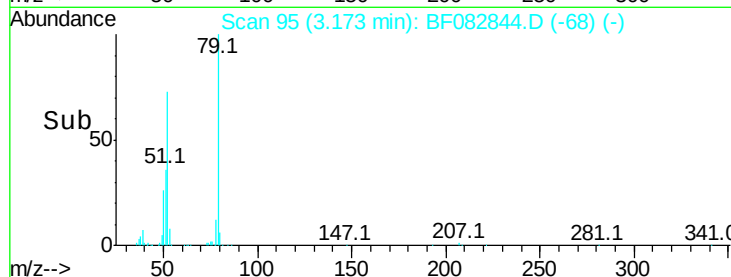
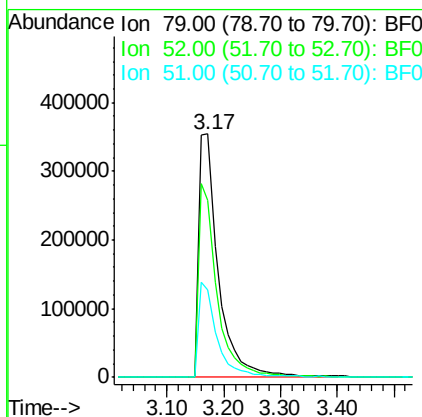
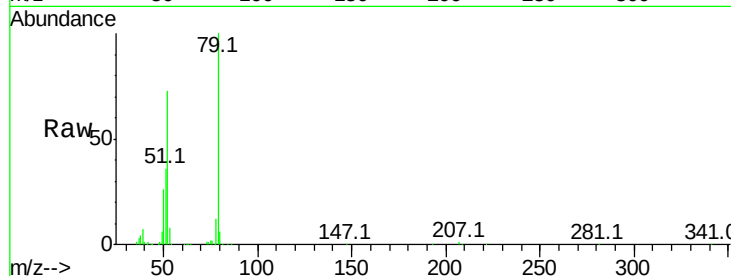
ClientSampleId :

D3MSD

Manual Integrations
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Tot Ion	79	Resp	832714
Ion Ratio	Lower	Upper	
79	100		
52	72.7	62.8	94.2
51	35.9	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 44.00 ng

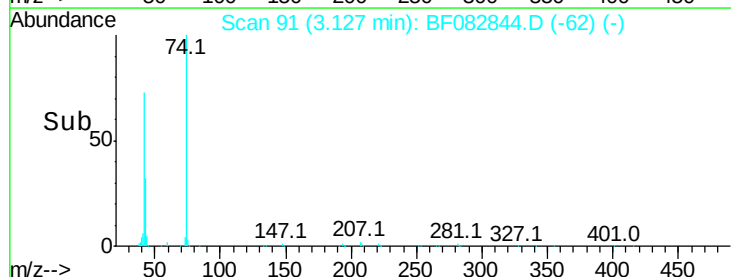
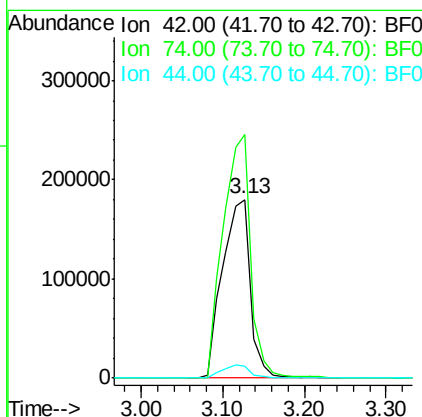
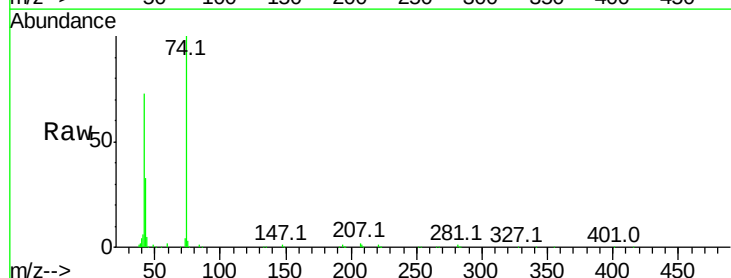
RT: 3.13 min Scan# 91

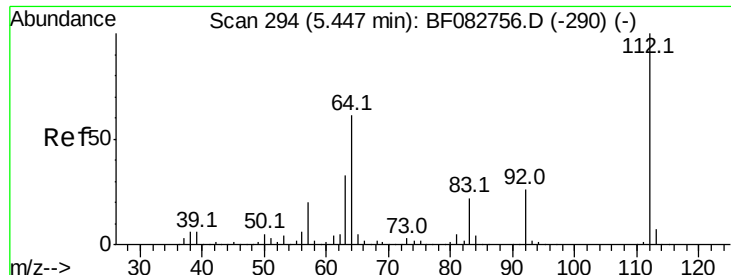
Delta R.T. 0.03 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion	42	Resp	429758
Ion Ratio	Lower	Upper	
42	100		
74	136.5	87.0	130.4#
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 137.03 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion:112 Resp: 2155237

Ion Ratio Lower Upper

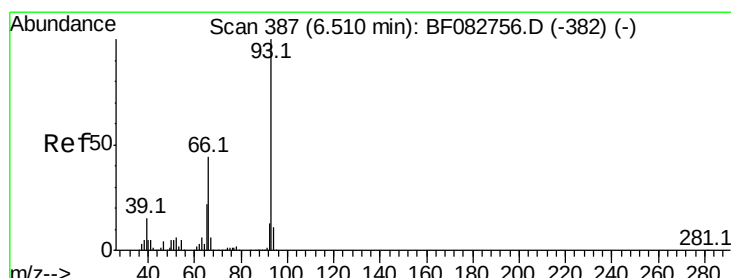
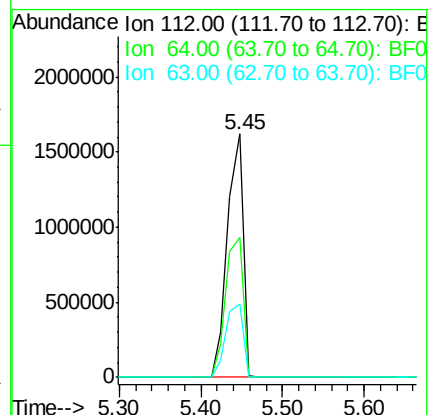
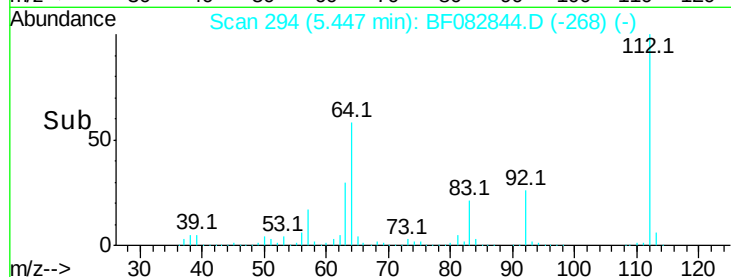
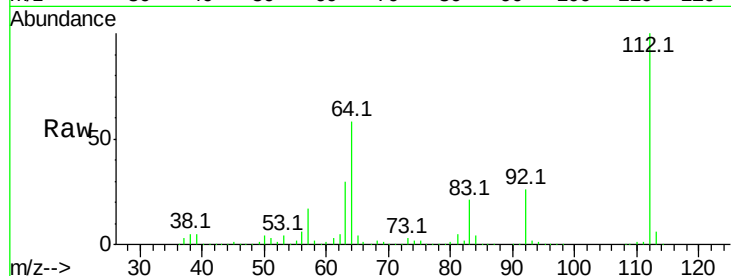
112 100

64 57.5 48.9 73.3

63 30.1 28.1 42.1

Manual Integrations
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#6

Aniline

Concen: 38.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

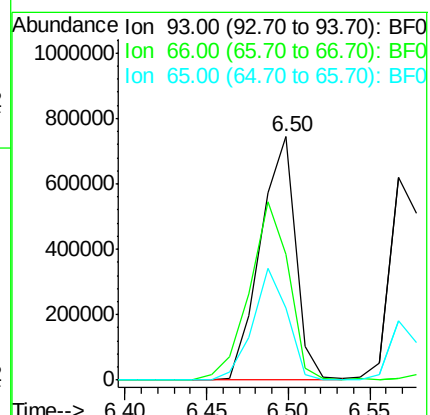
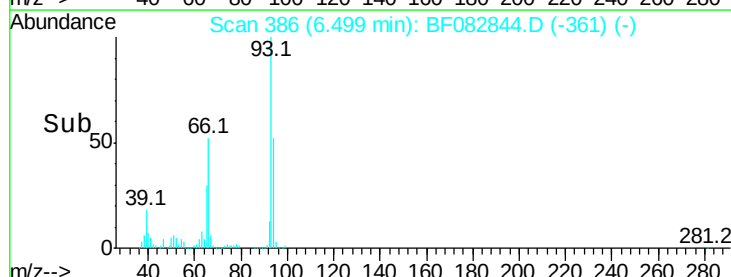
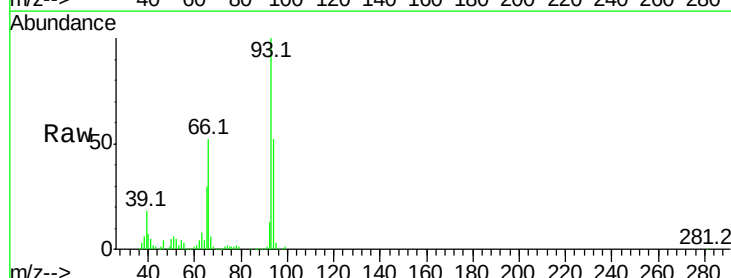
Tgt Ion: 93 Resp: 1122785

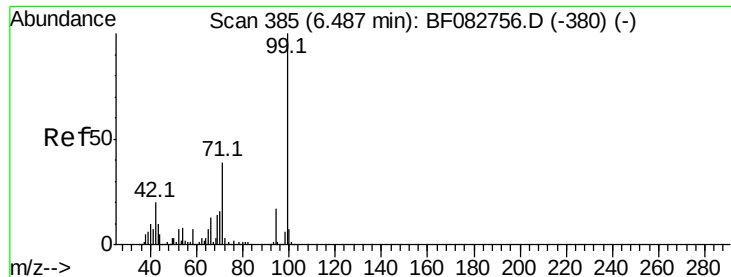
Ion Ratio Lower Upper

93 100

66 51.7 33.6 50.4#

65 29.5 18.1 27.1#





#7

Phenol-d6

Concen: 133.71 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion: 99 Resp: 2795812

Ion Ratio Lower Upper

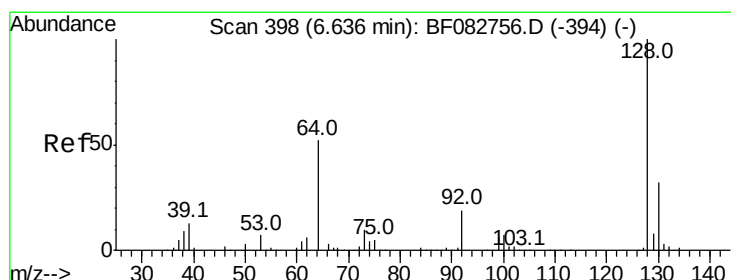
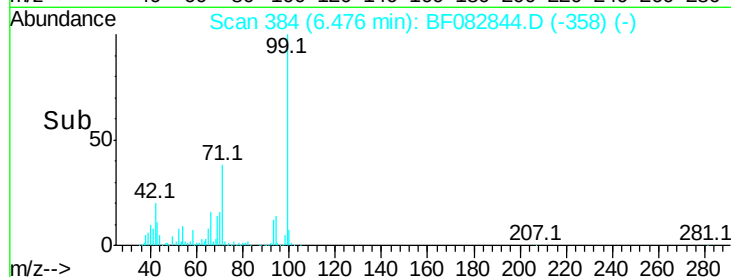
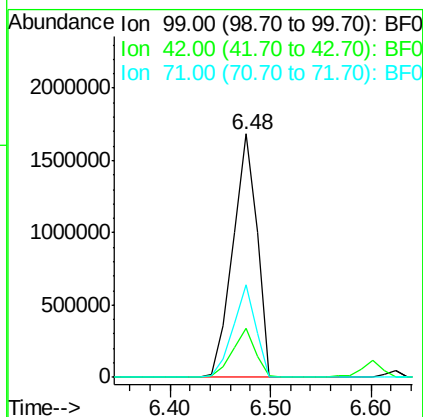
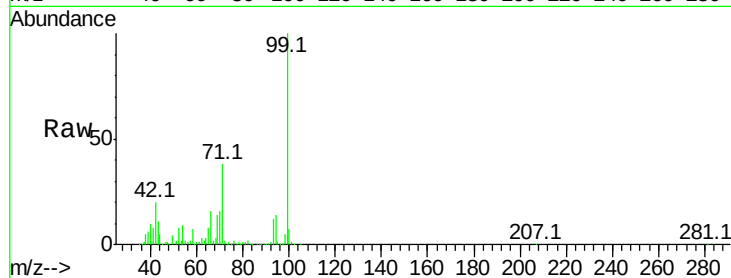
99 100

42 20.2 19.2 28.8

71 37.9 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.76 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

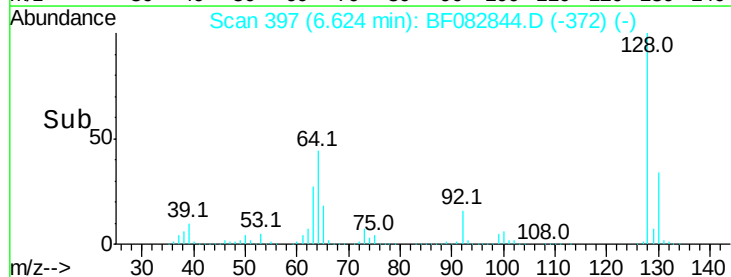
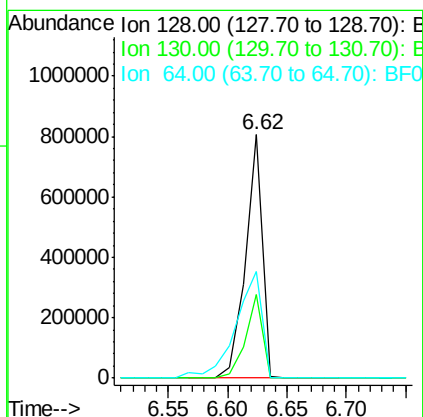
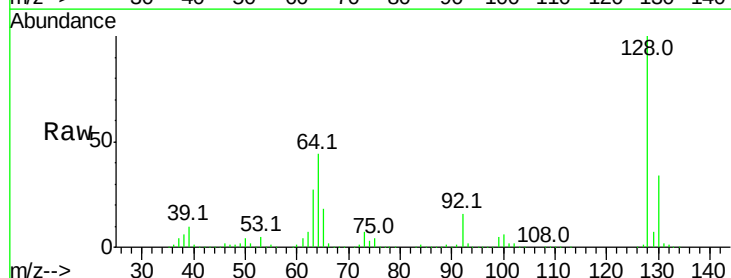
Tgt Ion: 128 Resp: 797805

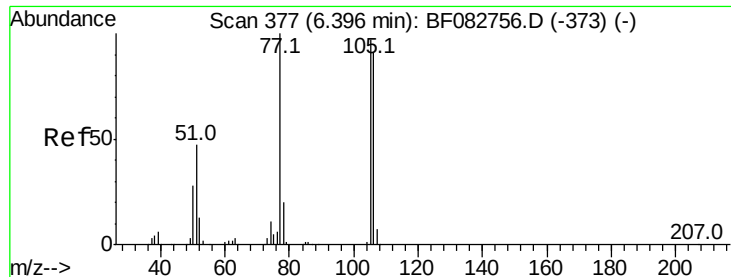
Ion Ratio Lower Upper

128 100

130 34.2 13.5 53.5

64 43.7 21.1 61.1





#9

Benzaldehyde

Concen: 7.83 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

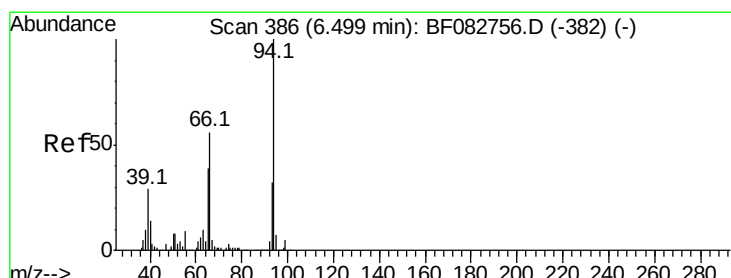
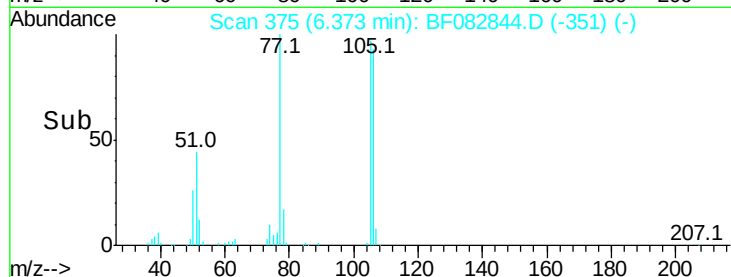
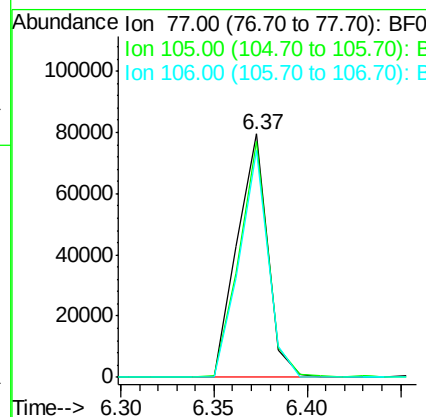
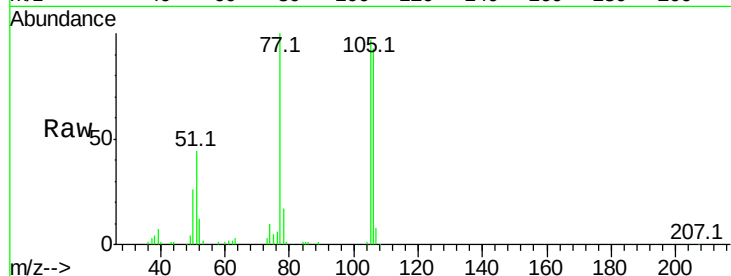
ClientSampleId :

D3MSD

Tot Ion:	77	Resp:	90489
Ion	Ratio	Lower	Upper
77	100		
105	96.8	63.5	103.5
106	93.0	59.3	99.3

Manual Integrations
APPROVED

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#10

Phenol

Concen: 39.53 ng

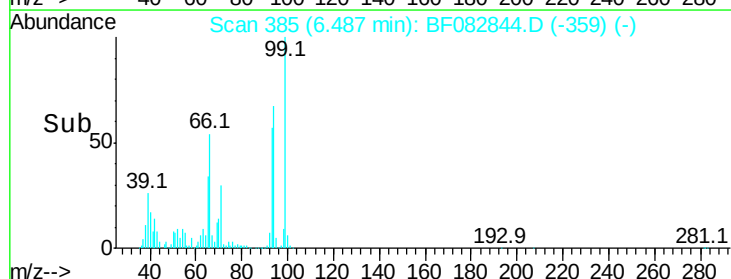
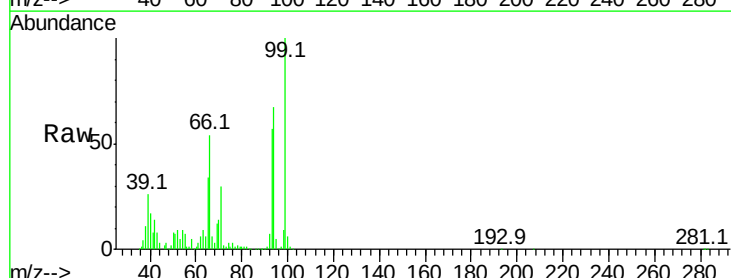
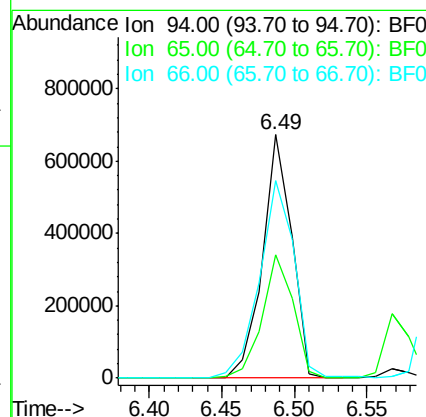
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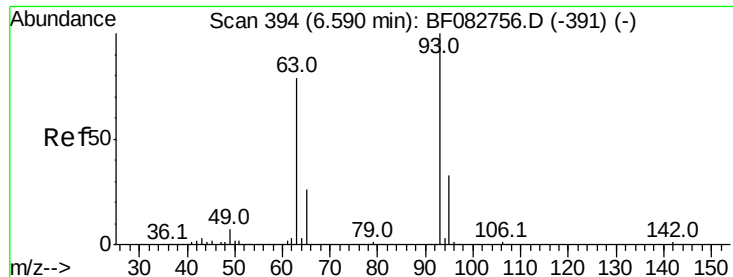
Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	94	Resp:	937849
Ion	Ratio	Lower	Upper
94	100		
65	50.7	18.9	58.9
66	81.0	34.9	74.9#





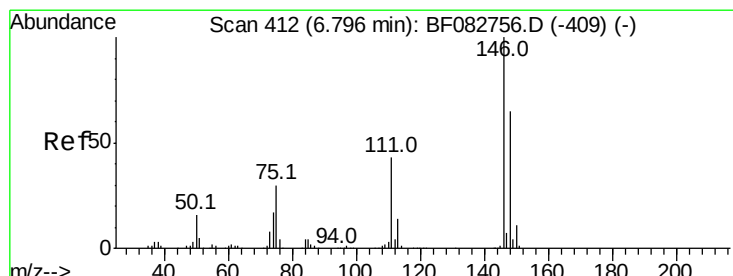
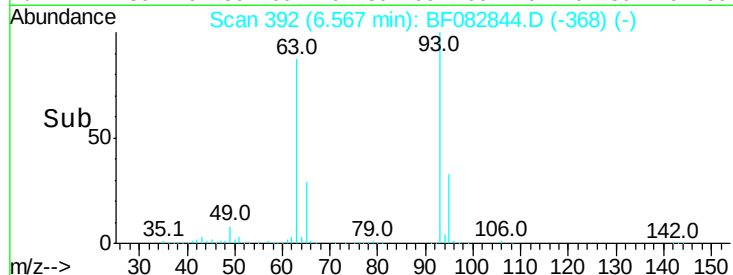
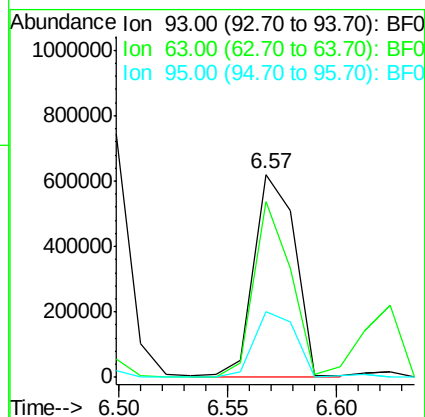
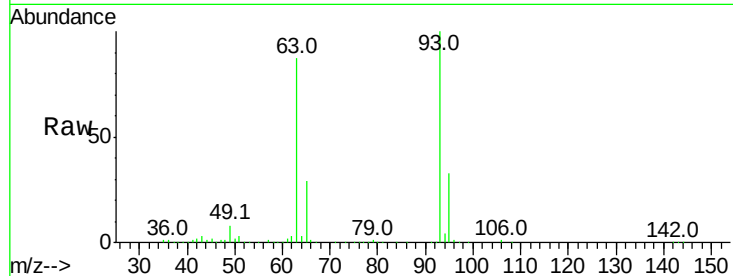
#11
bis(2-Chloroethyl)ether
Concen: 46.38 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampled :
D3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	72.7	112.7
95	32.6	12.0	52.0

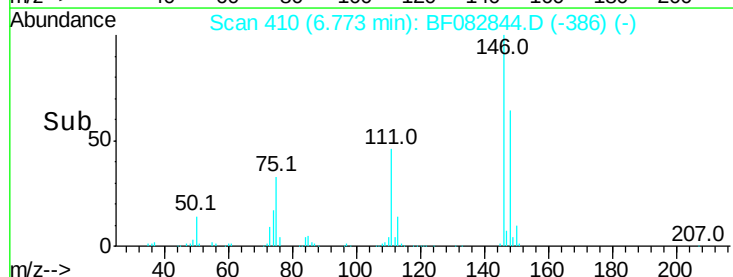
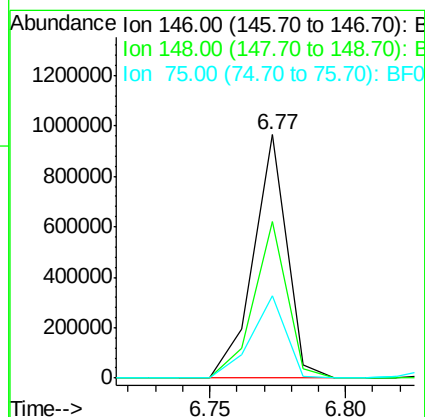
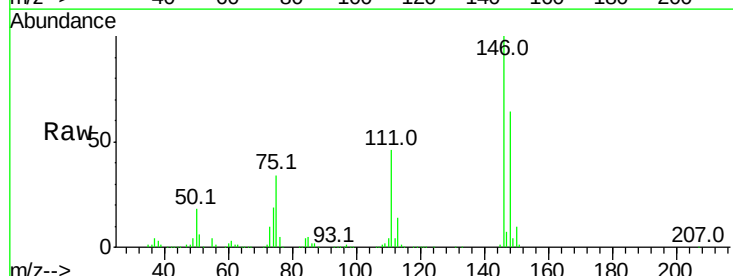
Manual Integrations
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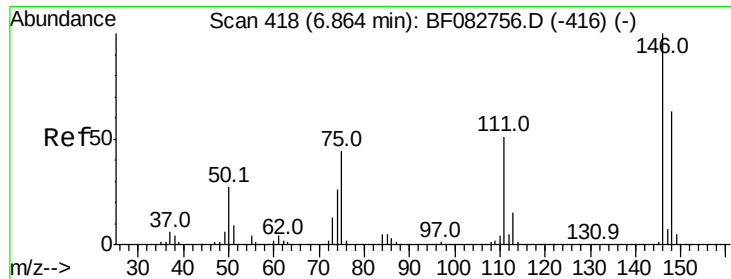
Mmdadoda
11/10/2015 1:02:33 PM



#12
1,3-Dichlorobenzene
Concen: 42.26 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	33.7	39.5	59.3#





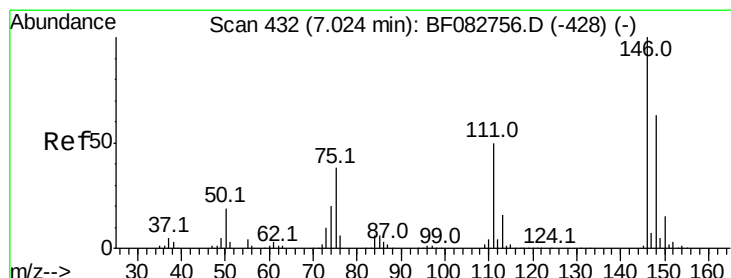
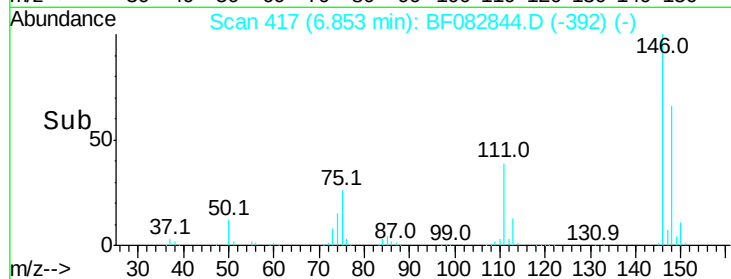
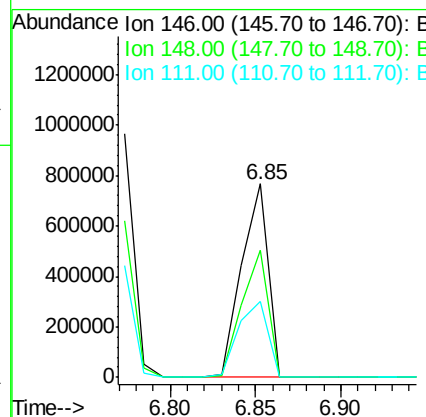
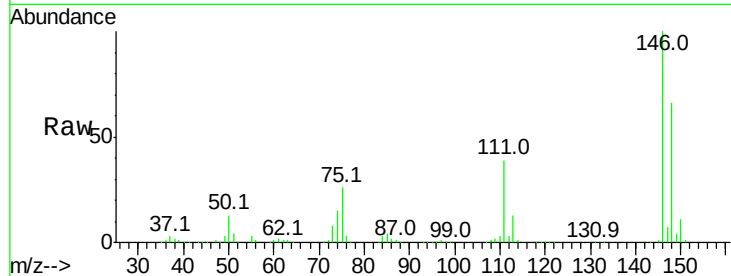
#13
 1,4-Dichlorobenzene
 Concen: 41.08 ng/mL
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.8	76.2
111	39.0	40.6	60.8#

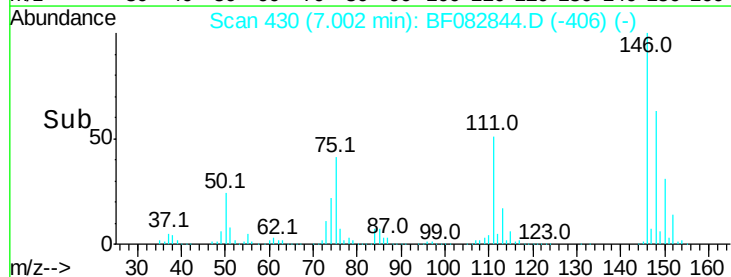
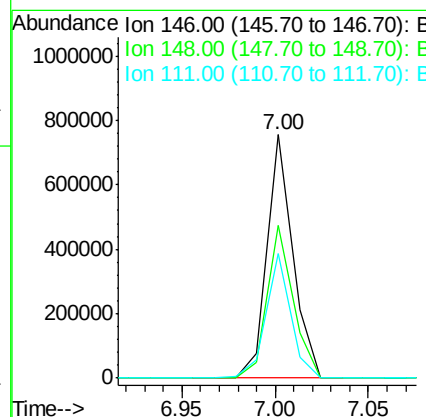
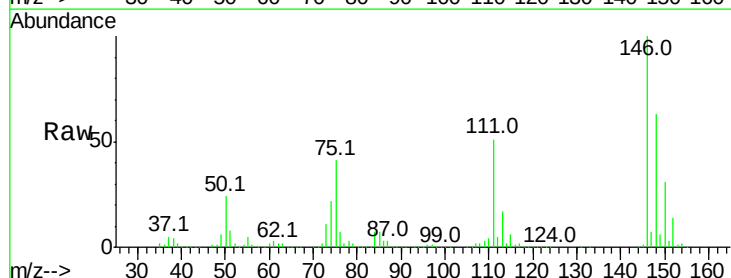
Manual Integrations
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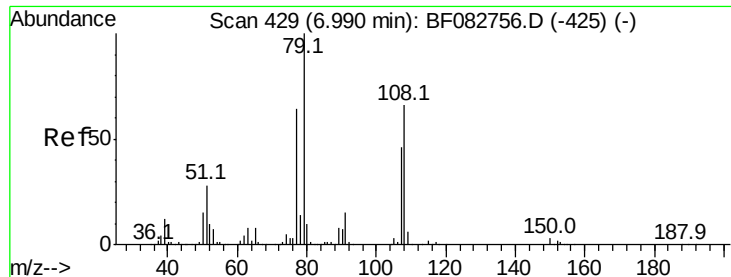
Mmdadoda
 11/10/2015 1:02:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.62 ng/mL
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	51.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 42.58 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

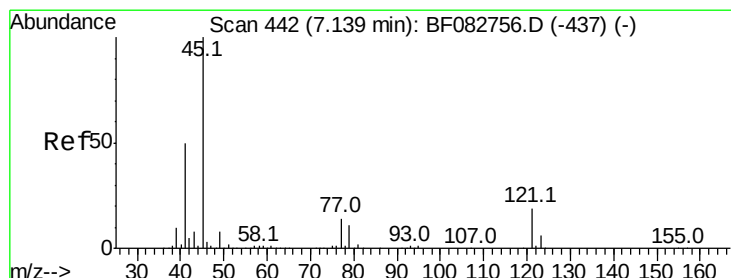
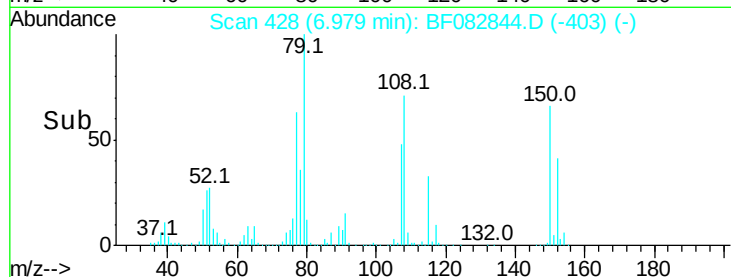
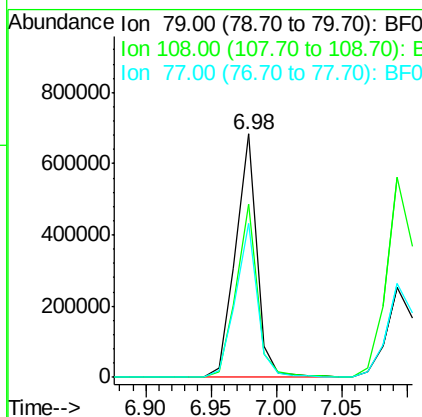
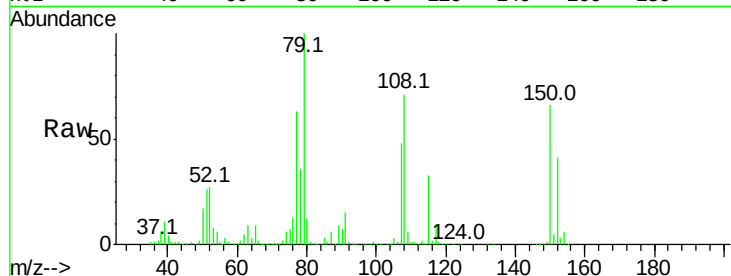
ClientSampleId :

D3MSD

Tot Ion:	79	Resp:	781944
Ion Ratio	Lower	Upper	
79	100		
108	71.0	52.2	78.4
77	63.2	52.7	79.1

Manual Integrations
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Mmdadoda
11/10/2015 1:02:33 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.61 ng

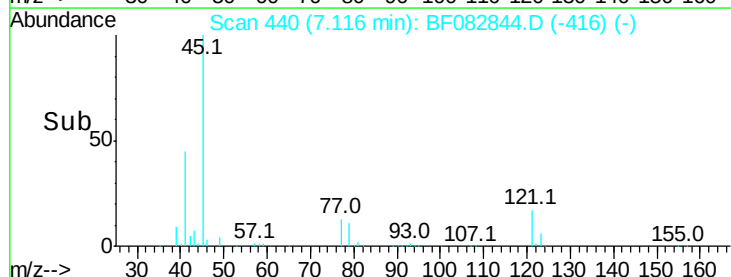
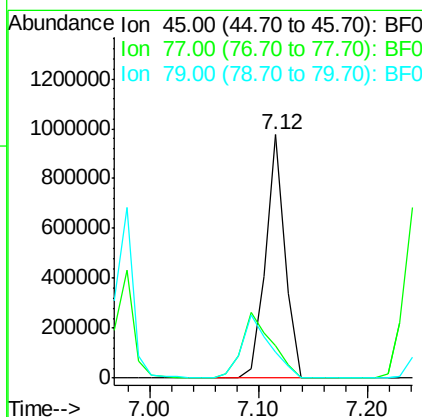
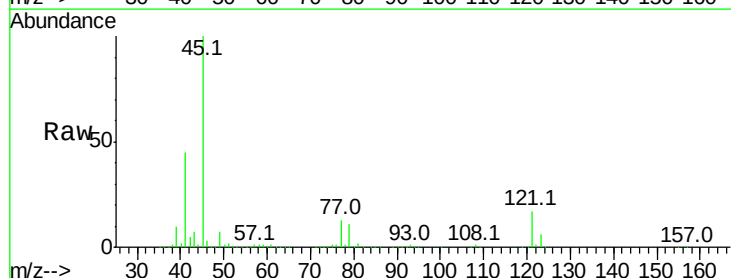
RT: 7.12 min Scan# 440

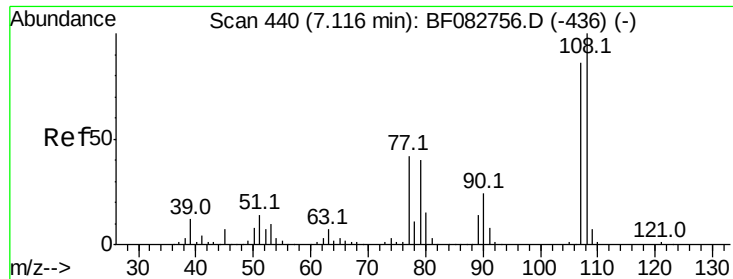
Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	45	Resp:	1213030
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.6
79	10.8	0.0	29.2





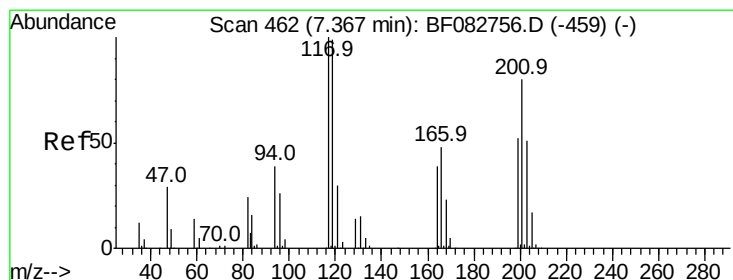
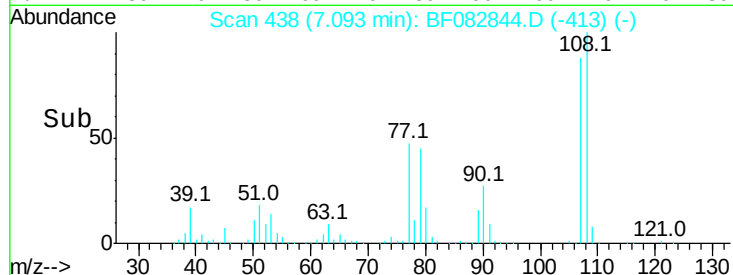
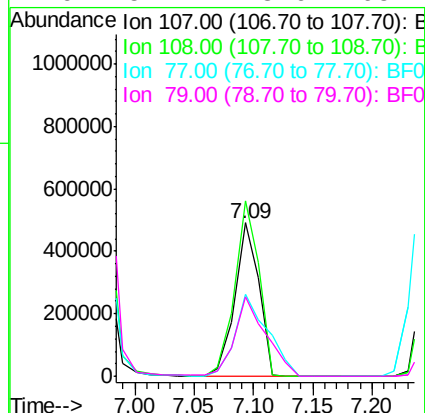
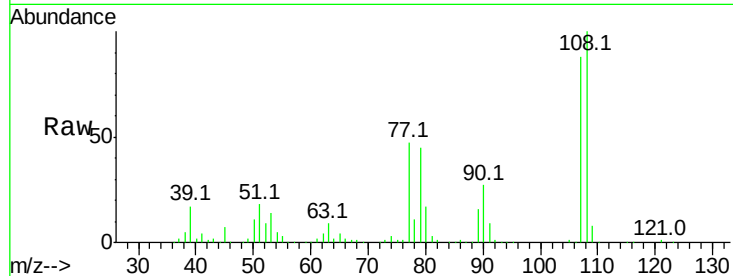
#17
2-Methylphenol
Concen: 46.98 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	693765		
108	108	114.2	93.0	139.4	
77	77	53.6	44.1	66.1	
79	79	51.7	43.6	65.4	

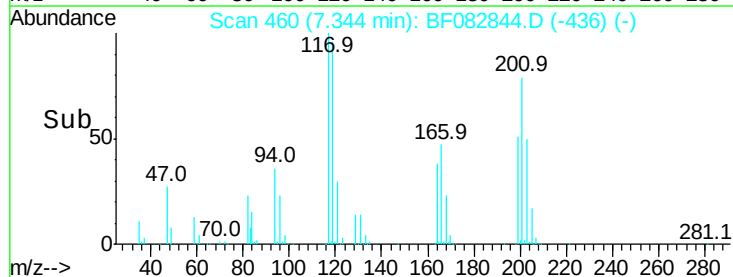
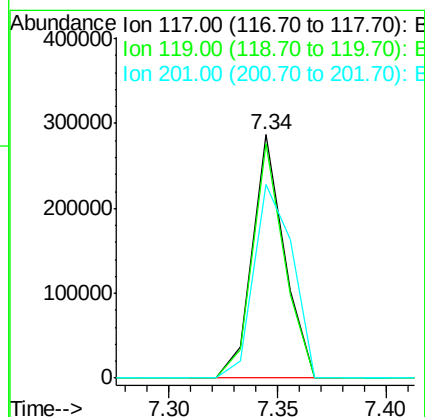
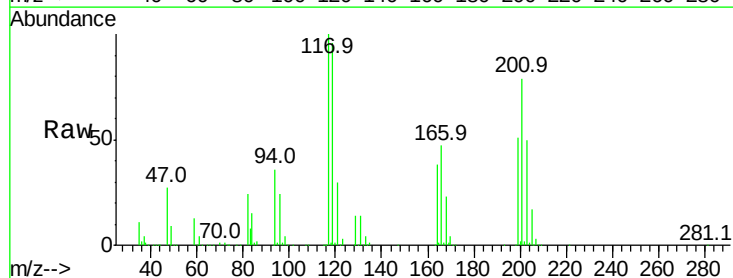
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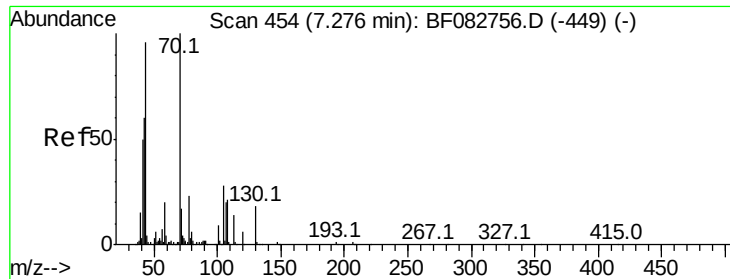
Mmdadoda
11/10/2015 1:02:33 PM



#18
Hexachloroethane
Concen: 39.89 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	291918		
119	119	96.2	77.7	116.5	
201	201	79.4	66.7	100.1	





#19

n-Nitroso-di-n-propylamine

Concen: 44.81 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

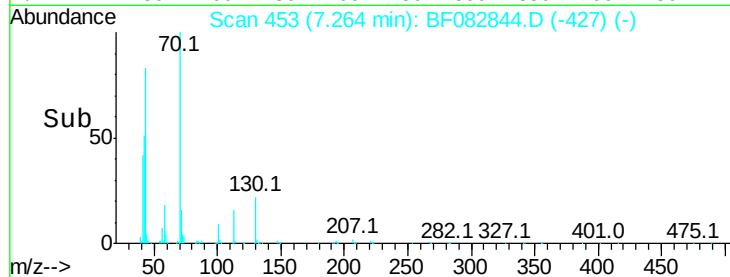
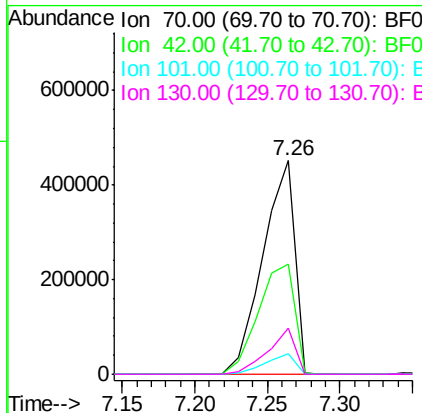
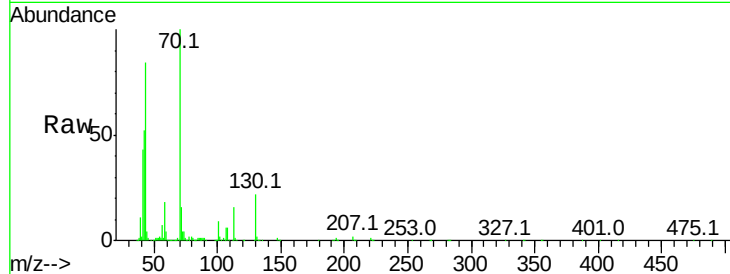
D3MSD

Tot Ion: 70 Resp: 688711
Ion Ratio Lower Upper

70	100		
42	51.8	57.7	86.5#
101	9.4	7.0	10.6
130	21.6	11.8	17.6#

Manual Integrations
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Mmdadoda
11/10/2015 1:02:33 PM



#20

3+4-Methylphenols

Concen: 43.38 ng

RT: 7.25 min Scan# 452

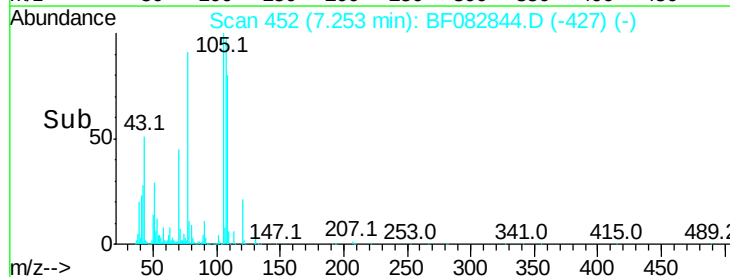
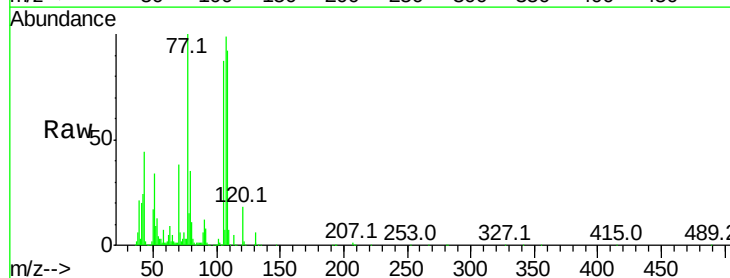
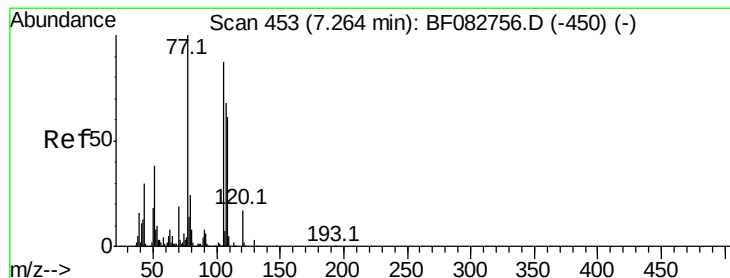
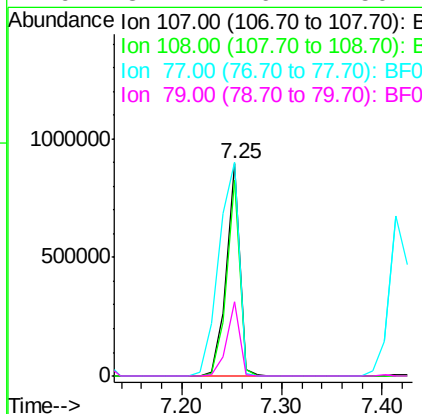
Delta R.T. -0.01 min

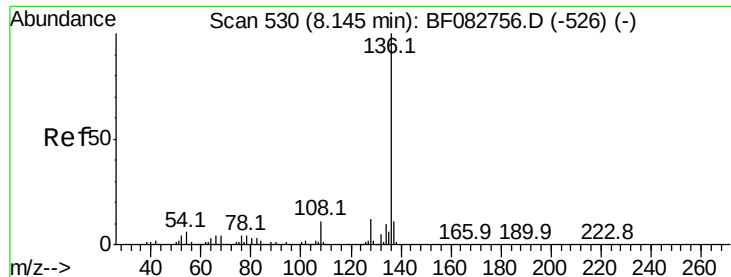
Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion: 107 Resp: 832933
Ion Ratio Lower Upper

107	100		
108	92.3	67.3	107.3
77	100.6	100.3	140.3
79	34.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

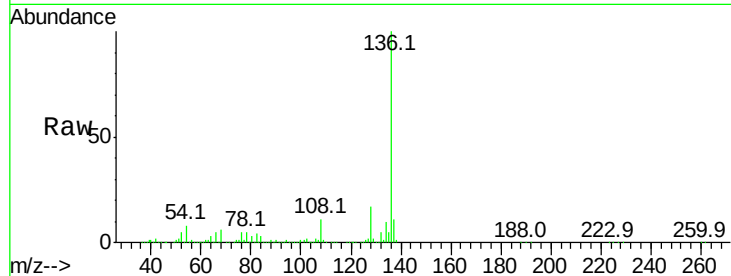
ClientSampleId :

D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	7.9	9.1	13.7#	
68	5.8	4.8	7.2	

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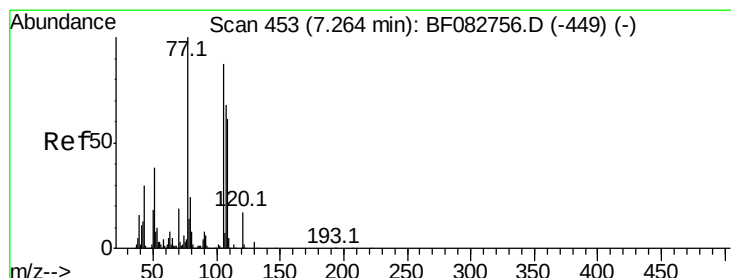
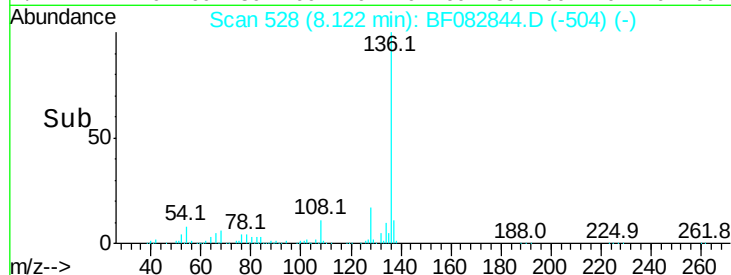
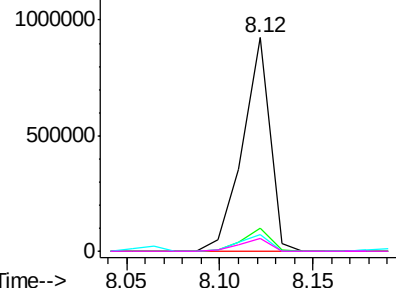


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.66 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

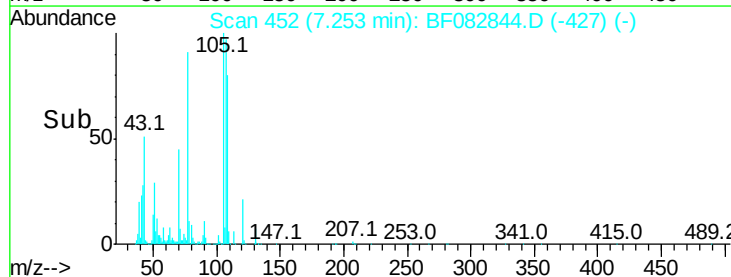
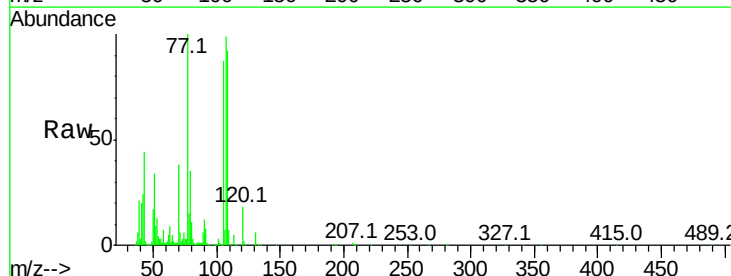
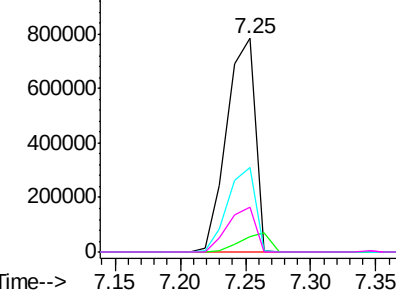
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	5.6	8.4	
51	39.4	24.9	37.3#	
120	20.9	15.8	23.8	

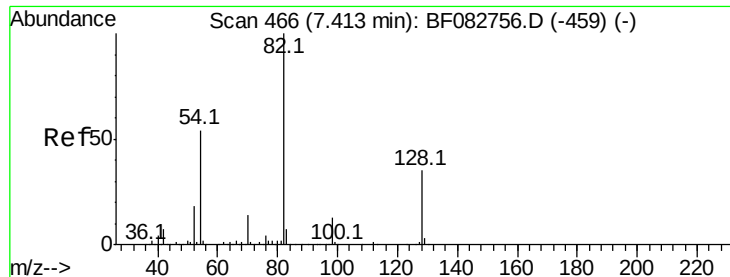
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





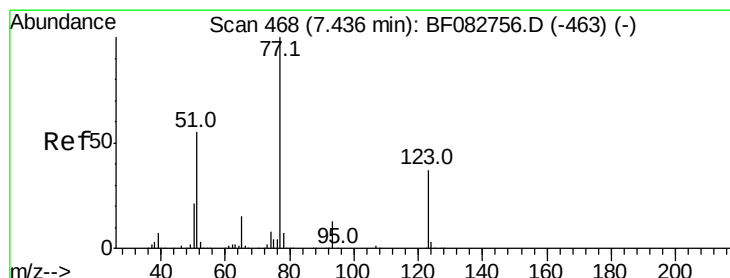
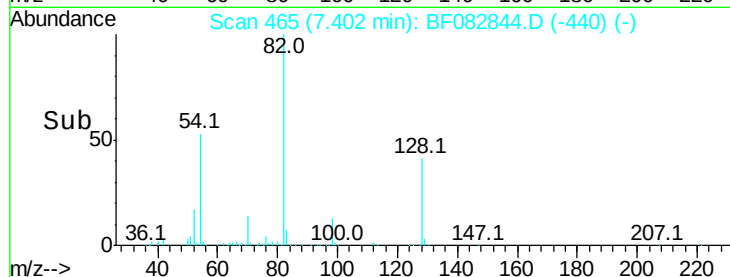
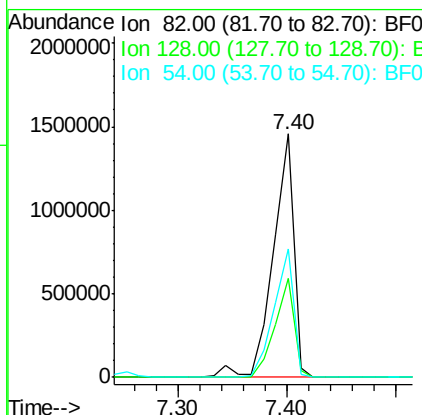
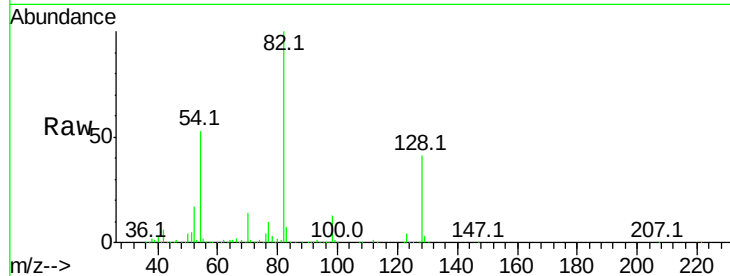
#23
 Nitrobenzene-d5
 Concen: 89.38 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.8	40.2#
54	52.6	45.7	68.5

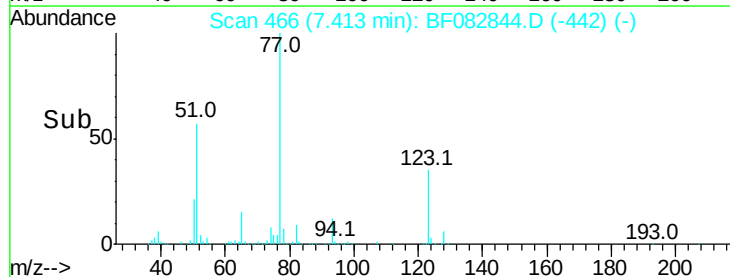
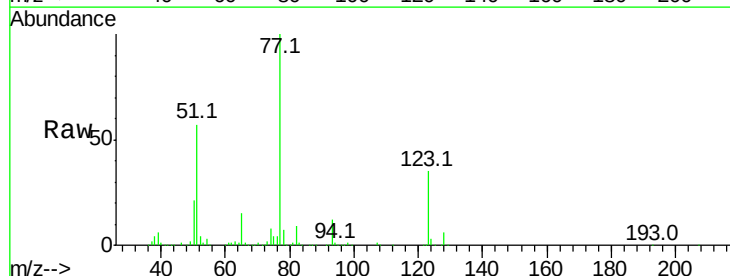
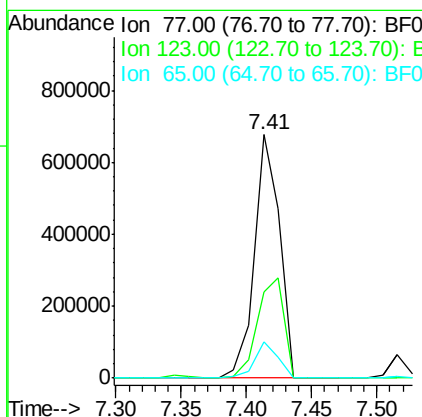
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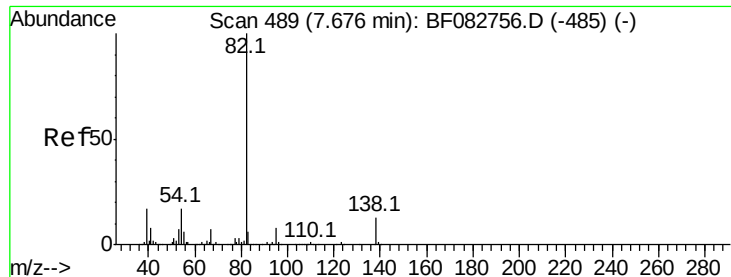
Mmdadoda
 11/10/2015 1:02:33 PM



#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.3	36.4	54.6#
65	14.8	11.5	17.3





#25

Isophorone

Concen: 45.13 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion: 82 Resp: 1790458

Ion Ratio Lower Upper

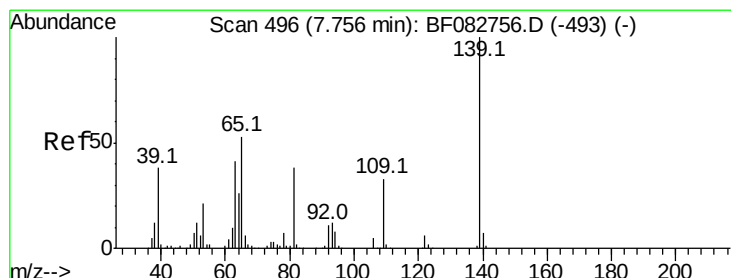
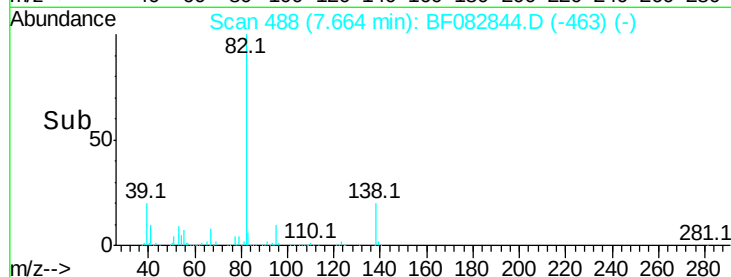
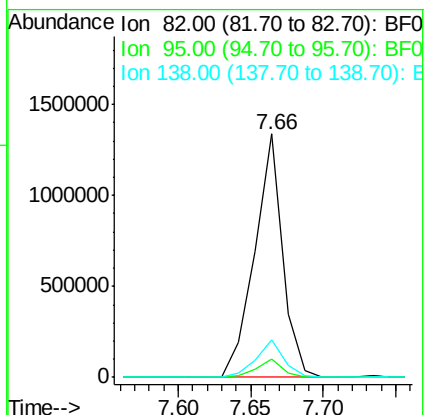
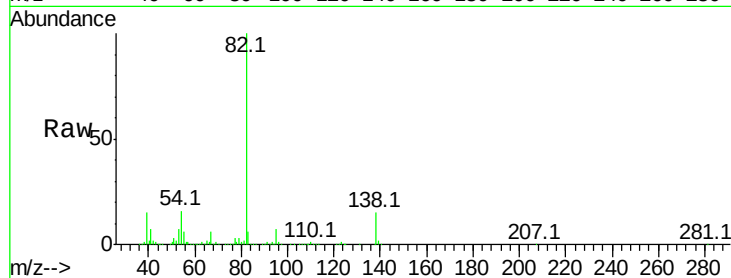
82 100

95 7.4 6.6 9.8

138 15.4 11.4 17.0

Manual Integrations
APPROVED

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11/10/2015 1:02:33 PM



#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

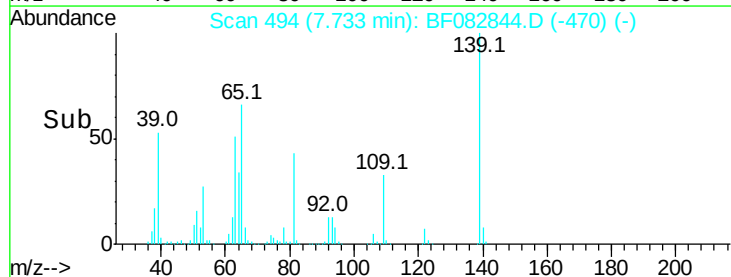
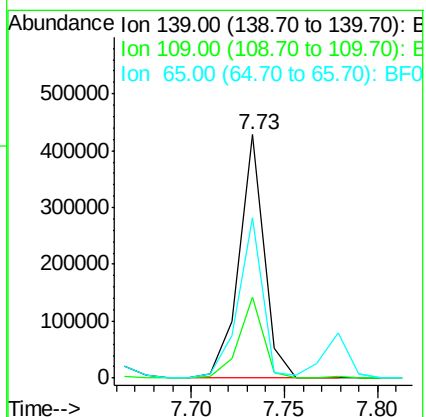
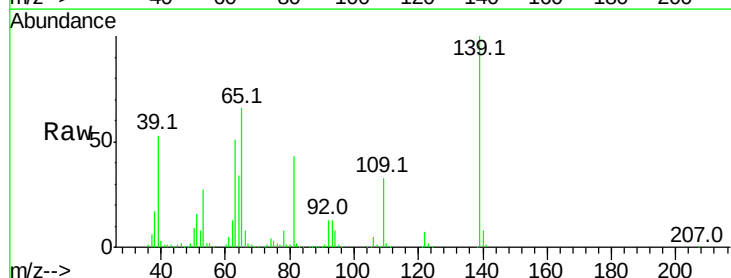
Tgt Ion: 139 Resp: 403712

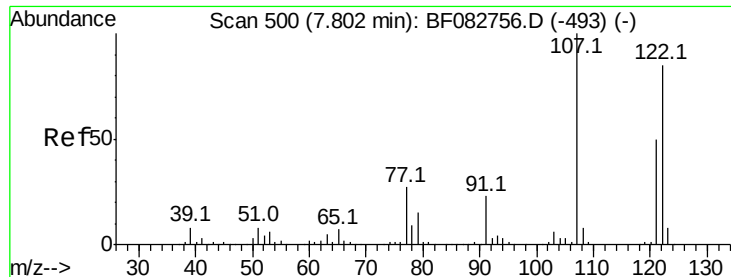
Ion Ratio Lower Upper

139 100

109 33.1 37.6 56.4#

65 66.1 70.6 105.8#





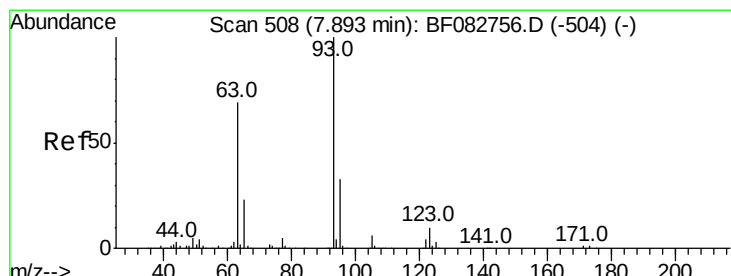
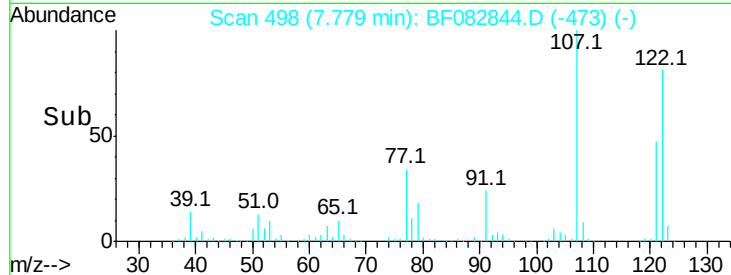
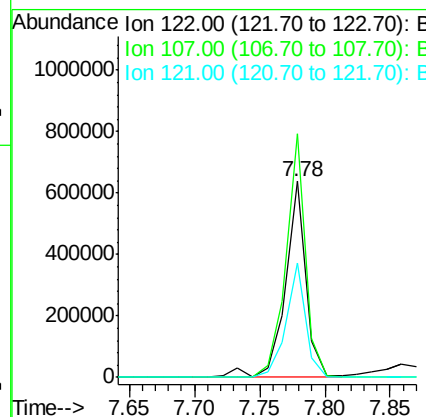
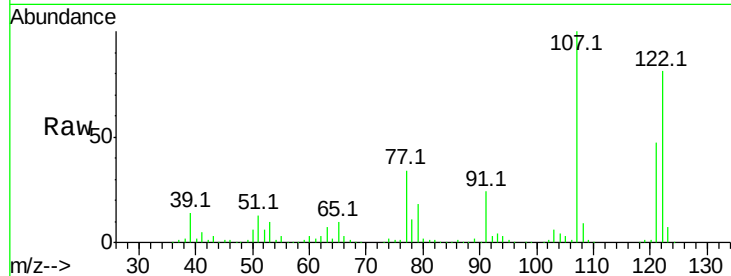
#27
 2,4-Dimethylphenol
 Concen: 43.37 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.1	106.0	159.0		
121	58.2	46.7	70.1		

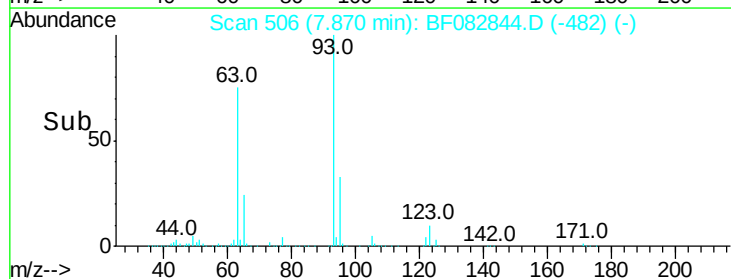
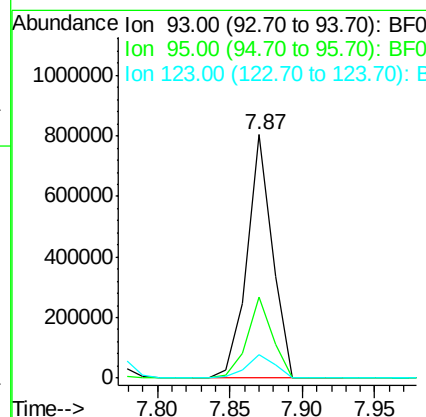
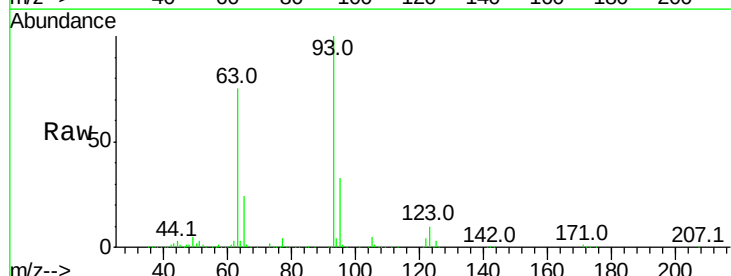
Manual Integrations
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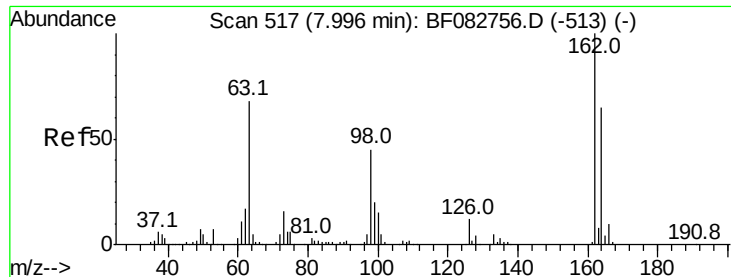
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.48 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.5	26.6	40.0		
123	9.6	9.7	14.5#		





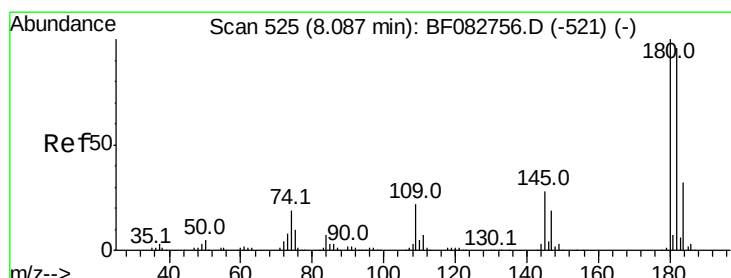
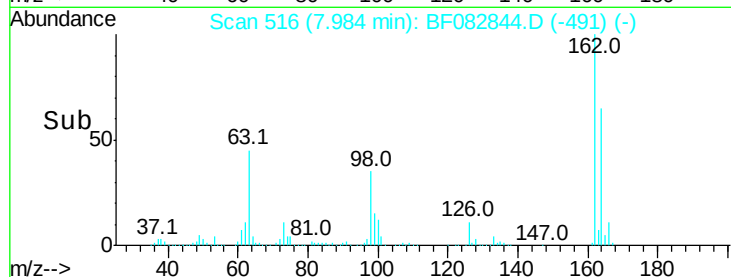
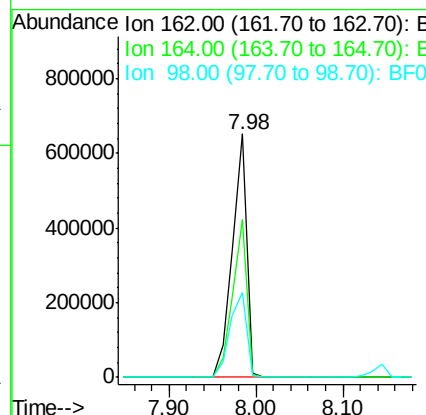
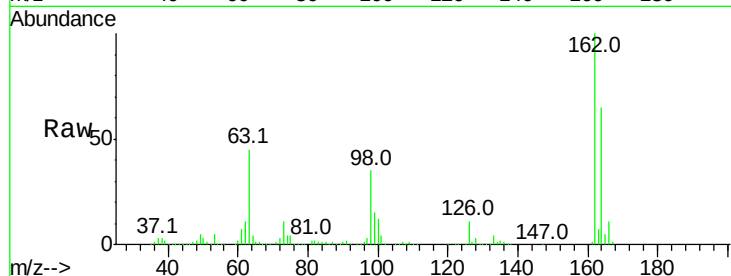
#29
 2,4-Dichlorophenol
 Concen: 50.49 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion:	162	Resp:	750458
Ion Ratio	Lower	Upper	
162	100		
164	65.1	46.8	86.8
98	34.9	12.5	52.5

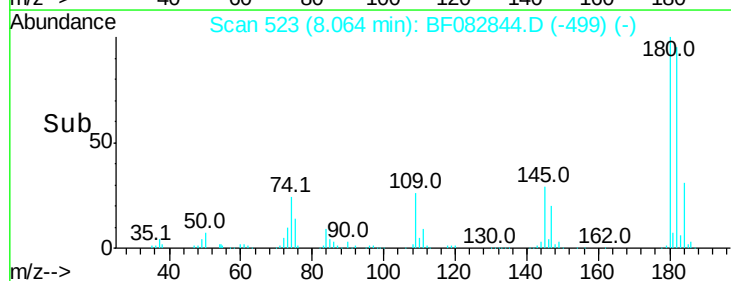
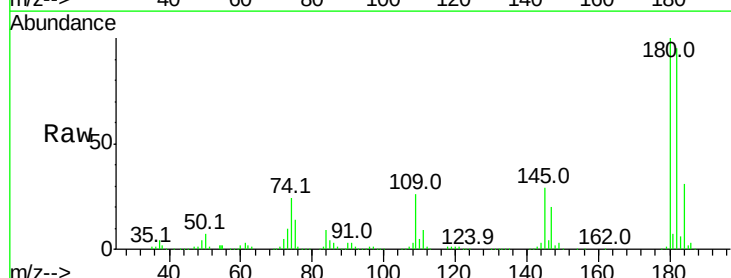
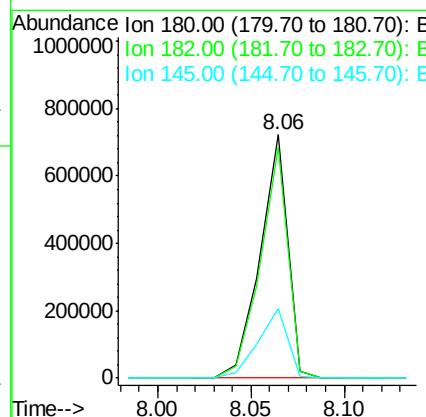
Manual Integrations
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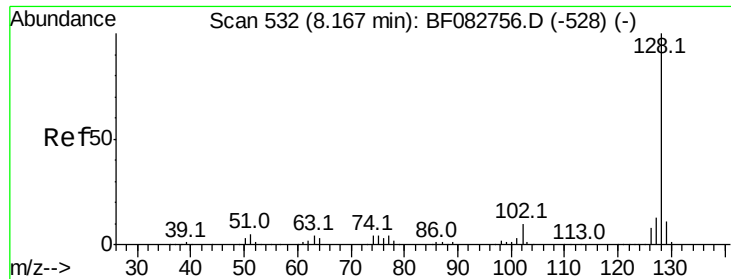
Mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:	180	Resp:	738734
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.9	112.3
145	28.8	27.8	41.8





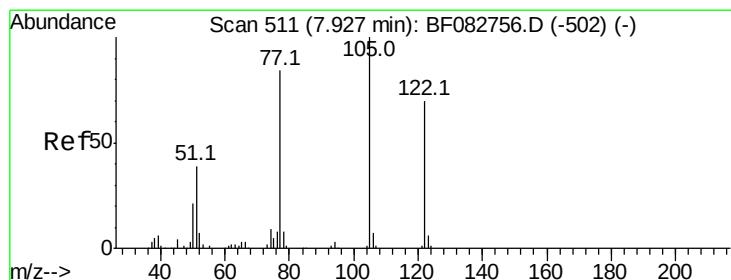
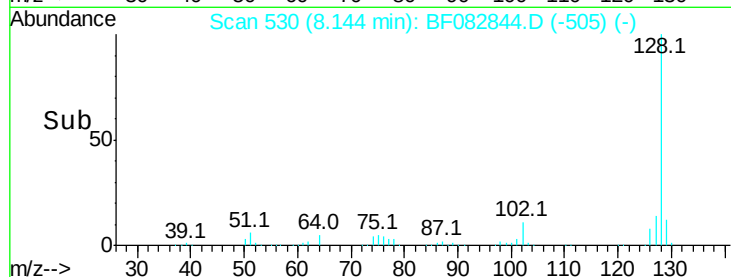
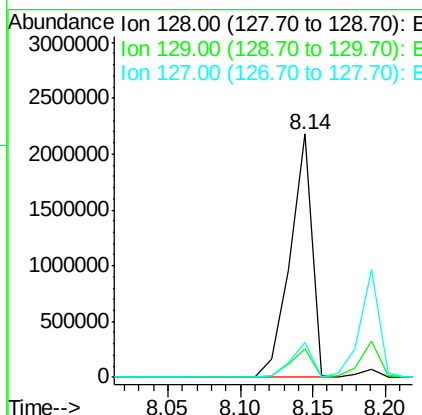
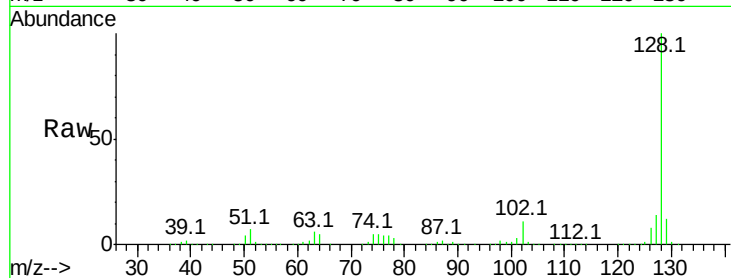
#31
Naphthalene
Concen: 44.22 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.5	14.3
127	14.4	11.4	17.0

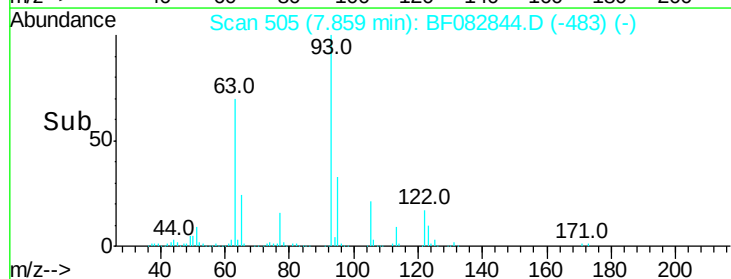
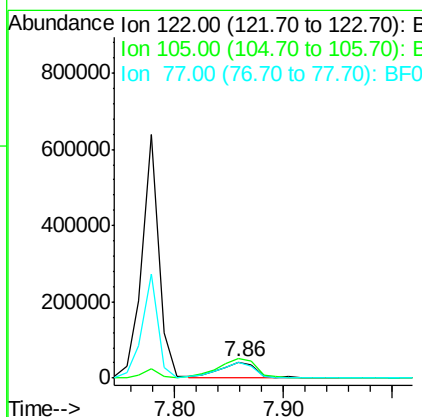
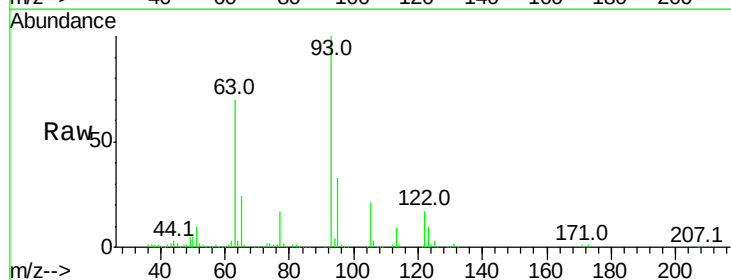
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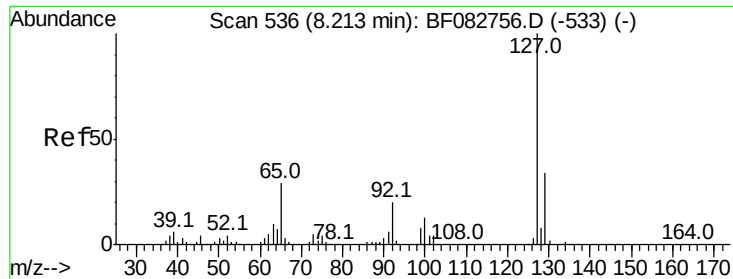
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#32
Benzoic acid
Concen: 8.50 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	122.6	162.6
77	99.0	100.9	140.9#





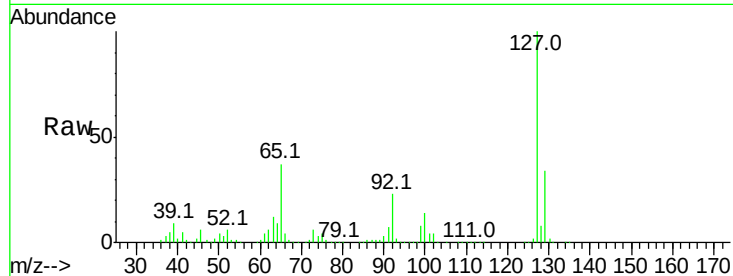
#33
4-Chloroaniline
Concen: 40.86 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

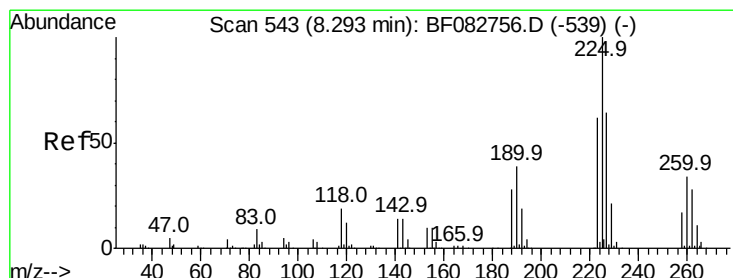
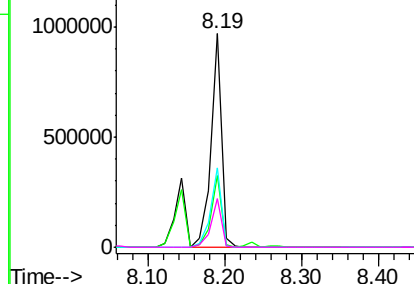
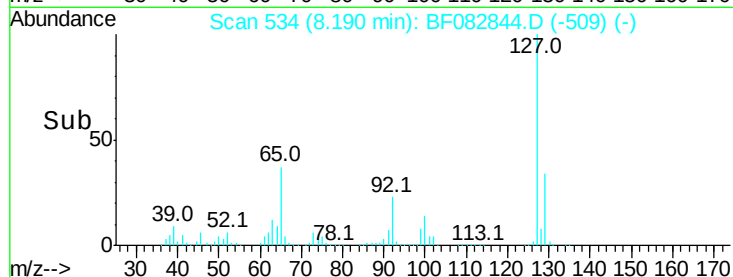
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.3	39.5		
65	37.2	37.8	56.8		
92	22.5	20.6	31.0		

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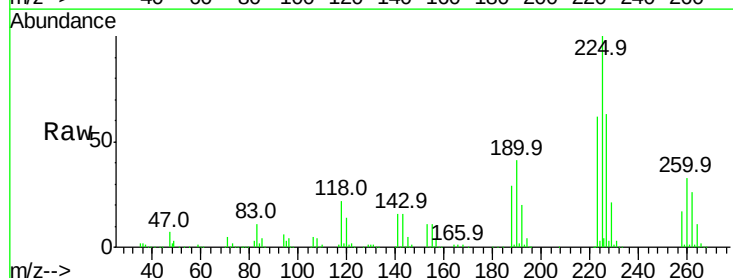


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

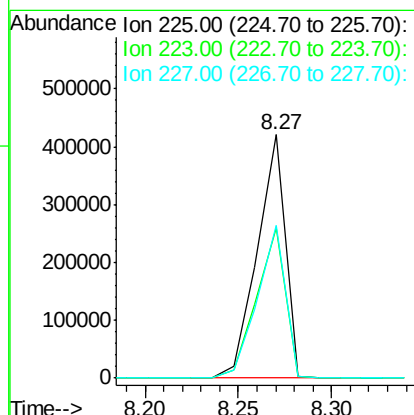
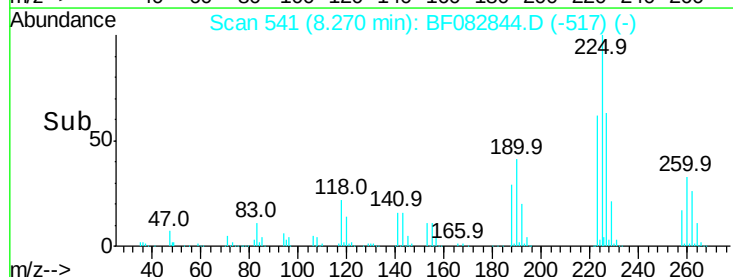


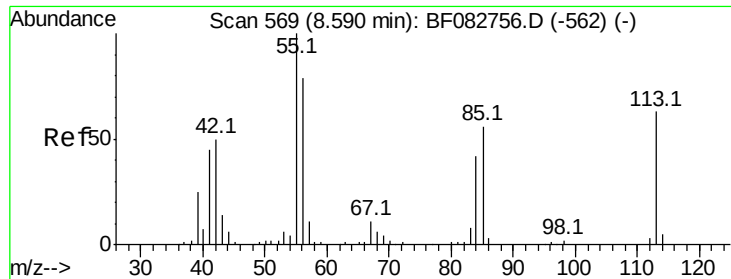
#34
Hexachlorobutadiene
Concen: 41.76 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.5	75.7		
227	62.7	50.2	75.2		



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: 54.90 ng/mL

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

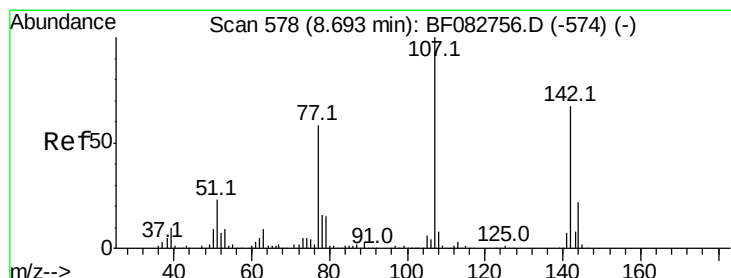
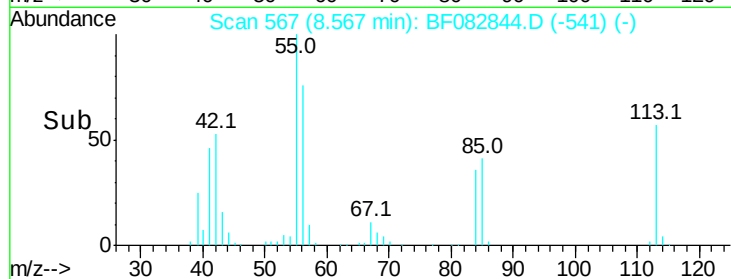
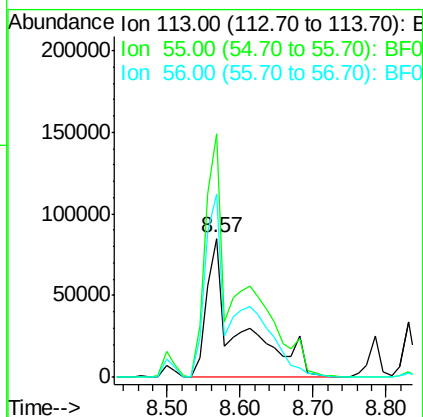
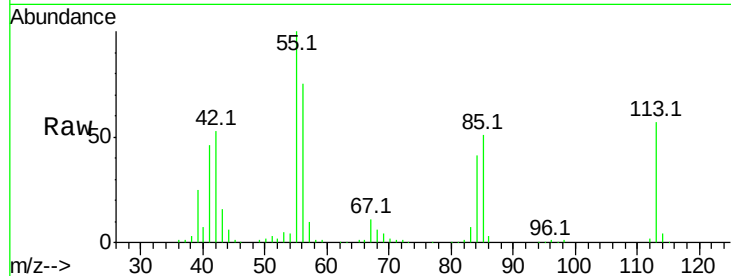
ClientSampleID :

D3MSD

Tot Ion:	113	Resp:	257243
Ion Ratio	Lower	Upper	
113	100		
55	175.2	195.5	235.5#
56	132.1	153.5	193.5#

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#36

4-Chloro-3-methylphenol

Concen: 47.32 ng/mL

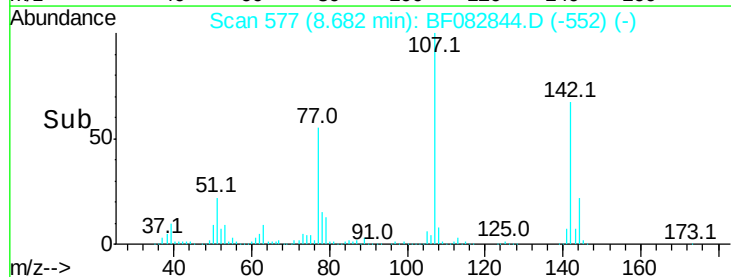
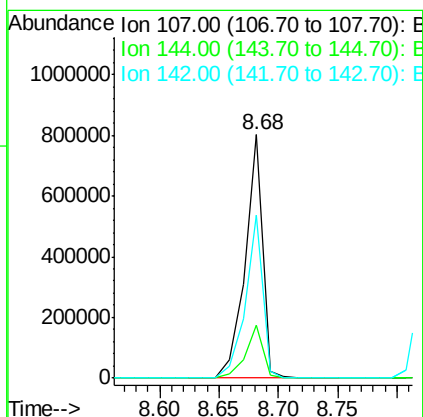
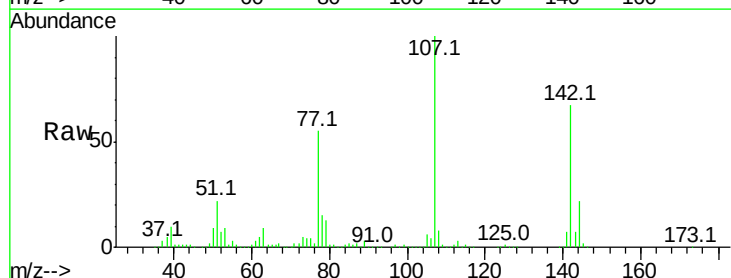
RT: 8.68 min Scan# 577

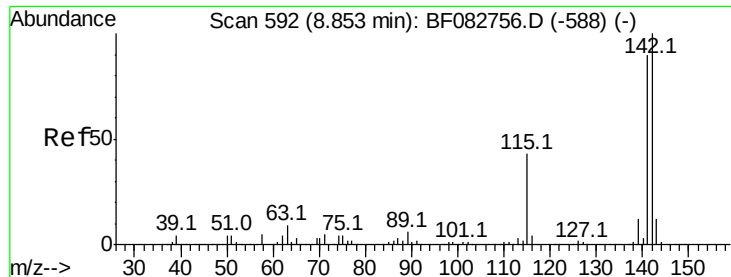
Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	107	Resp:	827129
Ion Ratio	Lower	Upper	
107	100		
144	21.8	15.4	23.0
142	67.1	47.8	71.8





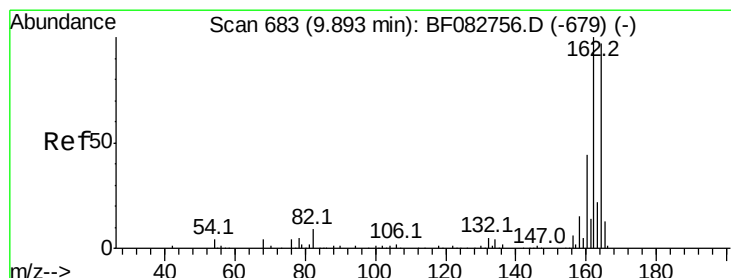
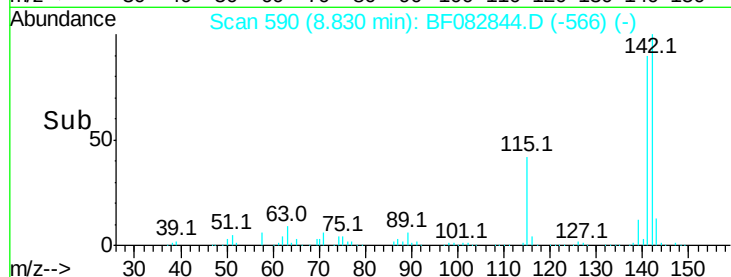
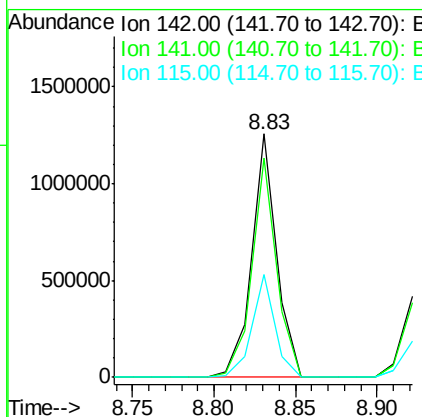
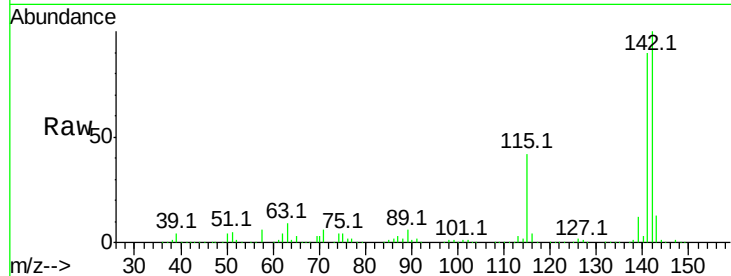
#37
 2-Methylnaphthalene
 Concen: 40.03 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	42.1	38.1	57.1

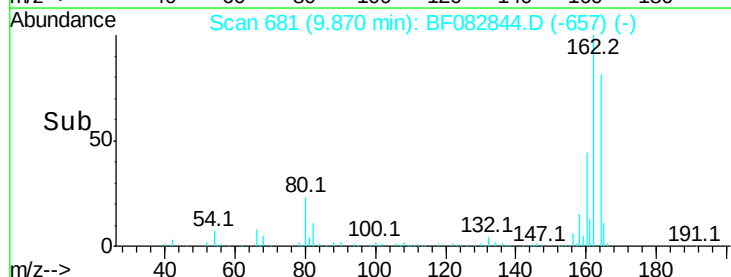
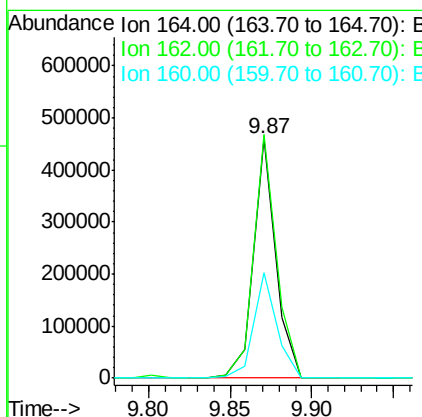
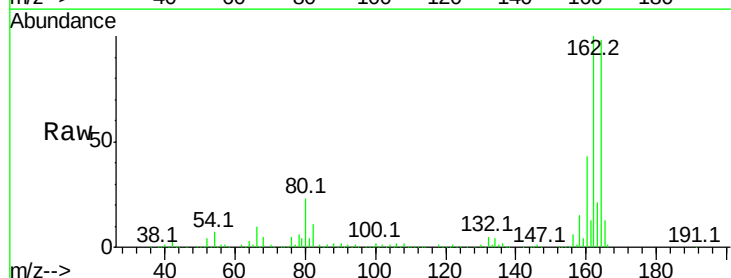
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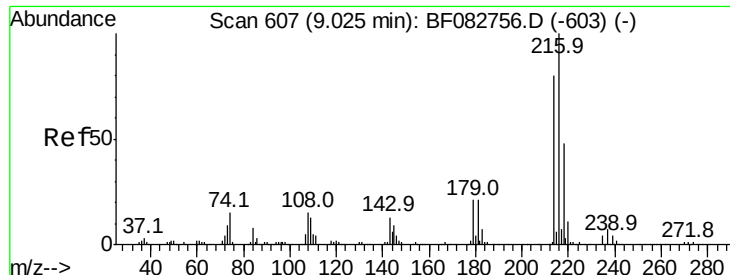
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	84.9	127.3
160	44.1	37.5	56.3





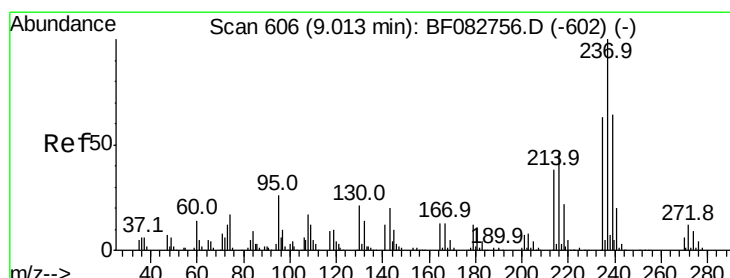
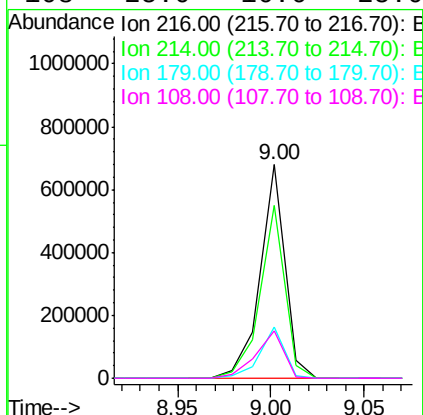
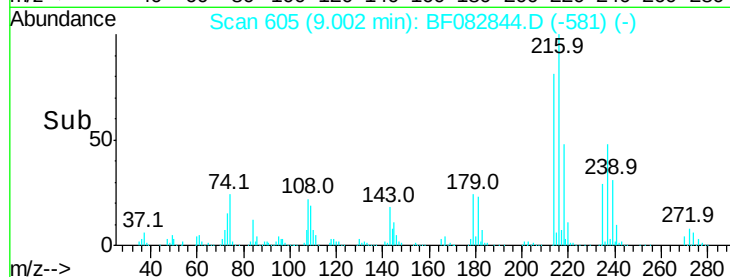
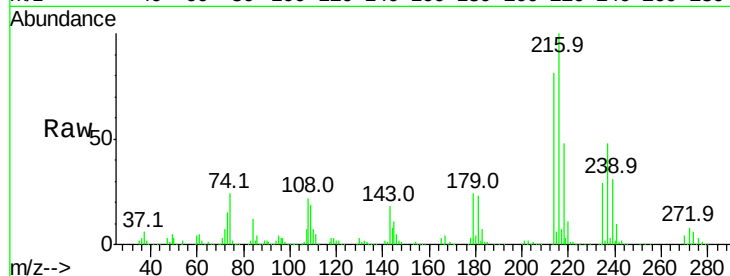
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	624329		
214	80.6	62.2	93.2	
179	23.2	18.1	27.1	
108	25.0	16.6	25.0	#

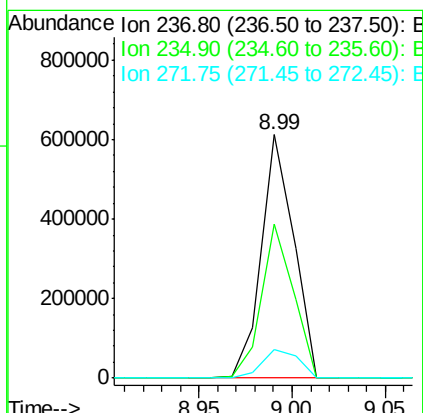
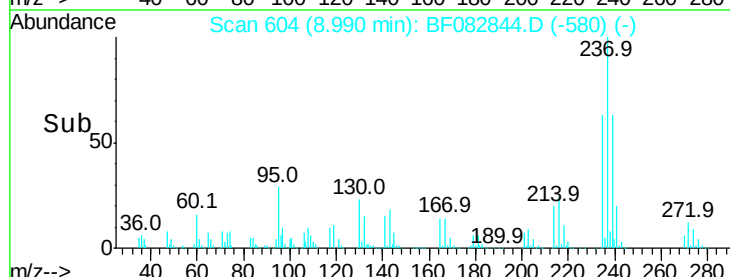
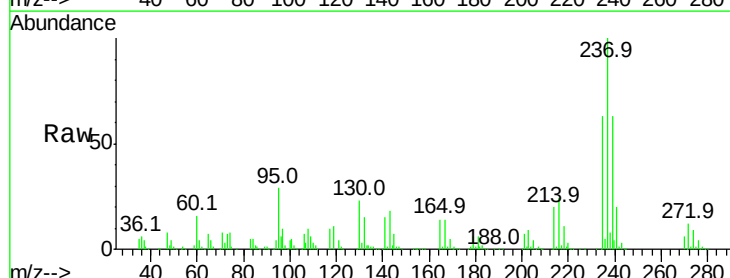
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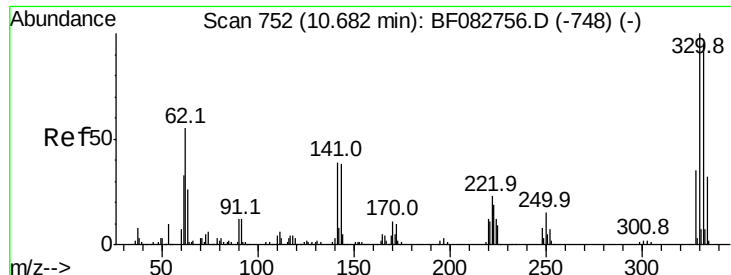
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#40
 Hexachlorocyclopentadiene
 Concen: 95.36 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	736091		
235	63.3	44.3	84.3	
272	12.0	0.0	31.9	





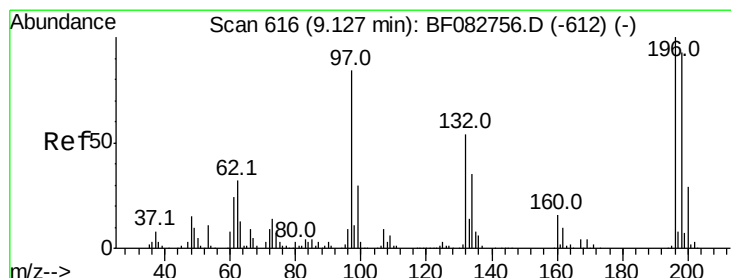
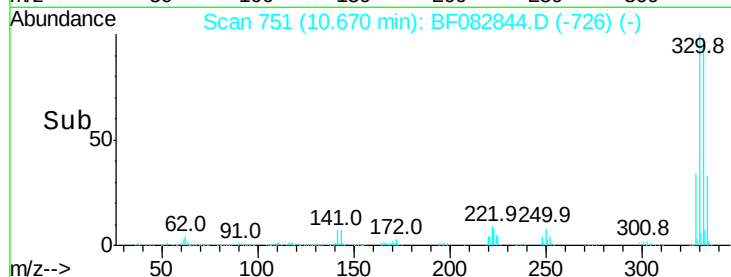
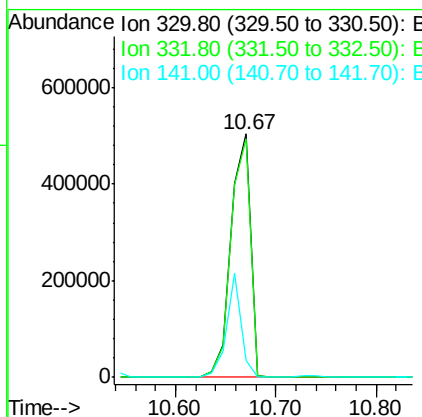
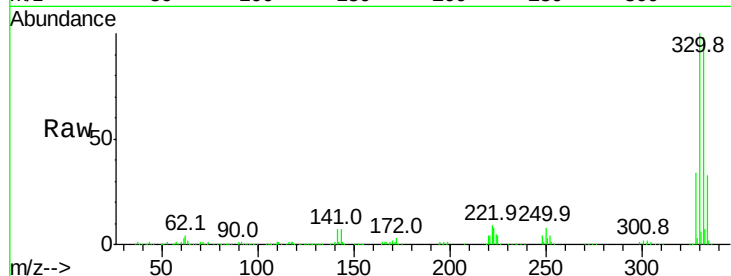
#41
 2,4,6-Tribromophenol
 Concen: 136.00 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	681777		
332	98.6	76.6	114.8	
141	31.8	41.2	61.8#	

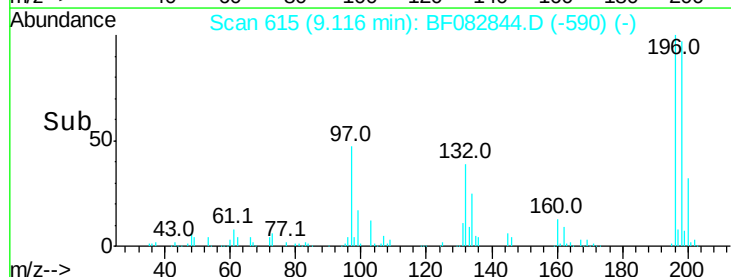
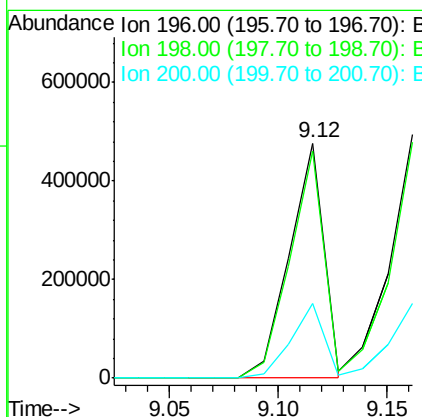
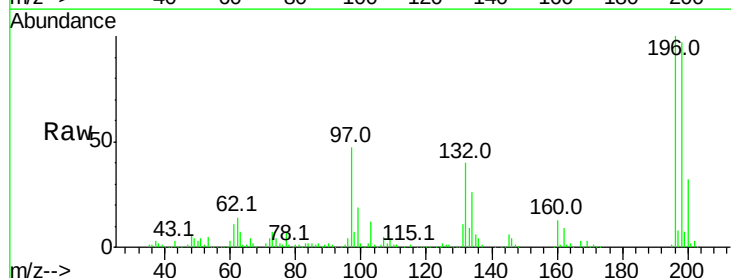
Manual Integrations
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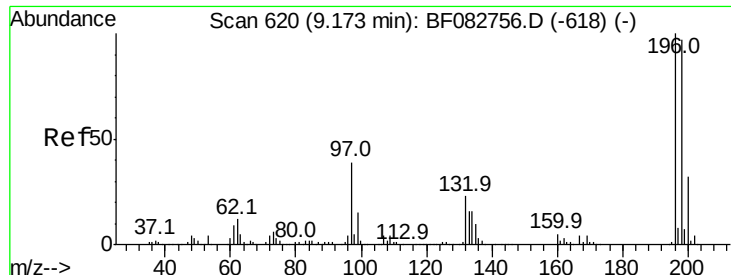
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 11/10/2015 1:02:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.19 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	527503		
198	96.7	76.3	114.5	
200	31.7	23.9	35.9	





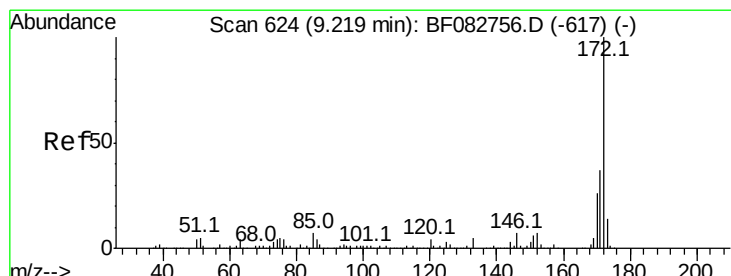
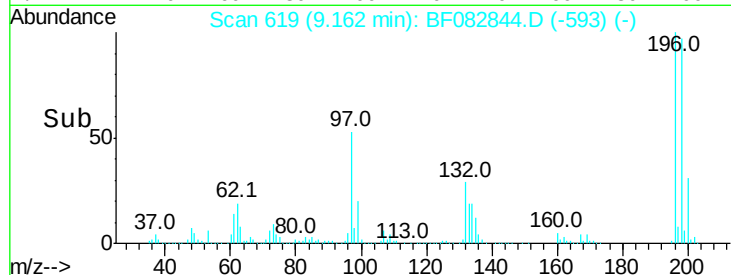
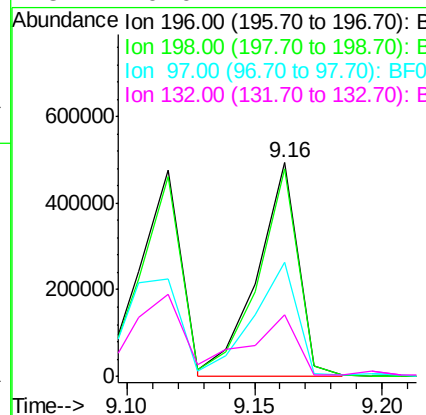
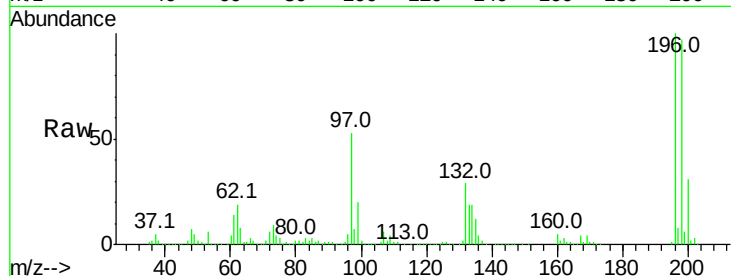
#43
 2,4,5-Trichlorophenol
 Concen: 51.35 ng/ml
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampled :
 D3MSD

Tot Ion:	196	Resp:	544699
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.8
97	53.1	62.3	93.5#
132	29.0	27.4	41.2

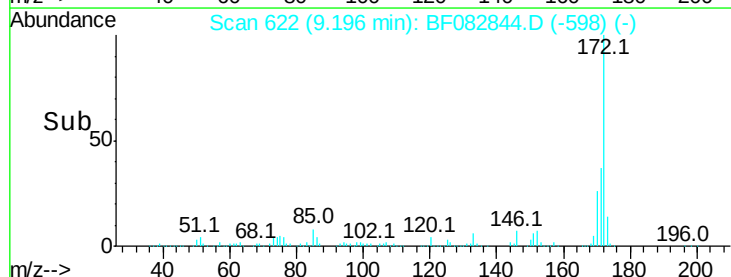
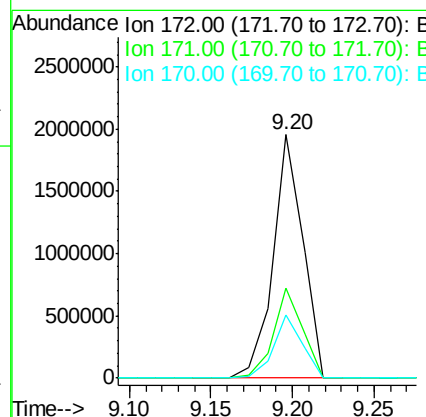
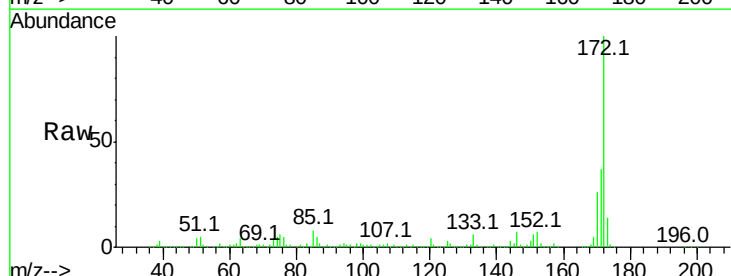
Manual Integrations
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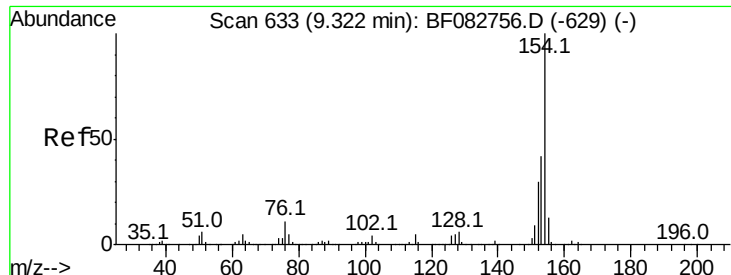
Mmdadoda
 11/10/2015 1:02:33 PM



#44
 2-Fluorobiphenyl
 Concen: 81.22 ng/ml
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:	172	Resp:	2477691
Ion Ratio	Lower	Upper	
172	100		
171	36.8	30.8	46.2
170	25.8	21.2	31.8





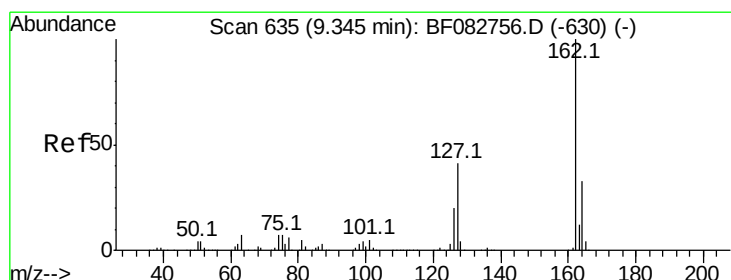
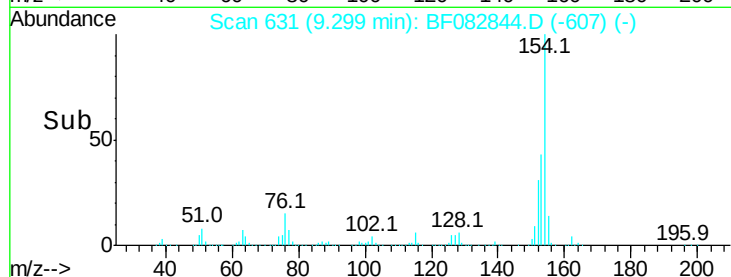
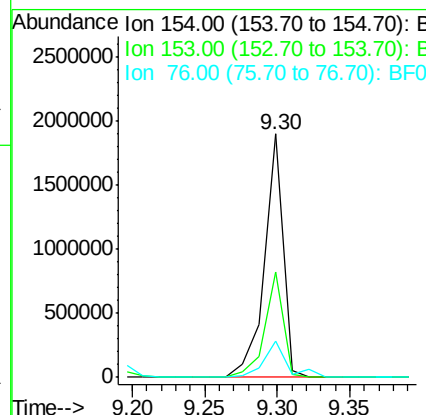
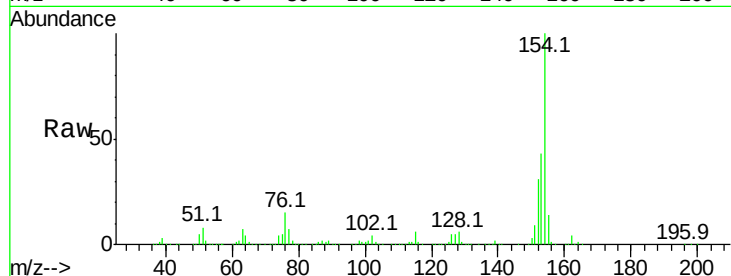
#45
1,1'-Biphenyl
Concen: 45.04 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	14.7	0.0	29.0

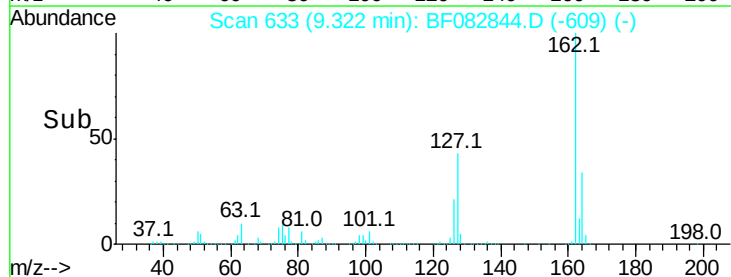
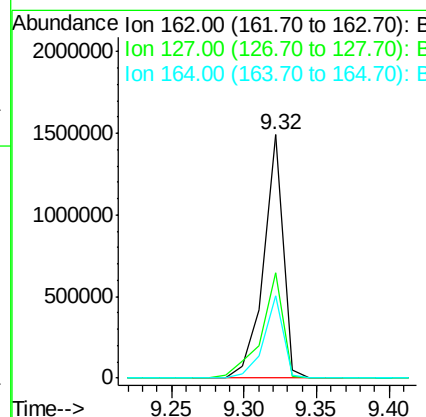
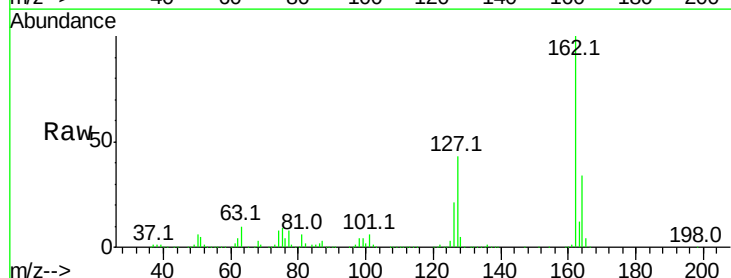
Manual Integrations
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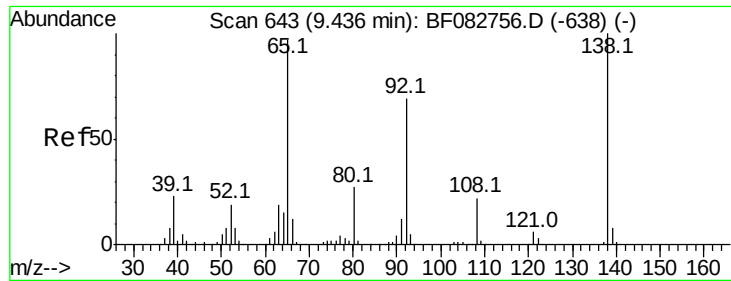
Mmdadoda
11/10/2015 1:02:33 PM



#46
2-Chloronaphthalene
Concen: 47.62 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	32.7	49.1
164	33.6	27.4	41.0





#47

2-Nitroaniline

Concen: 49.07 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

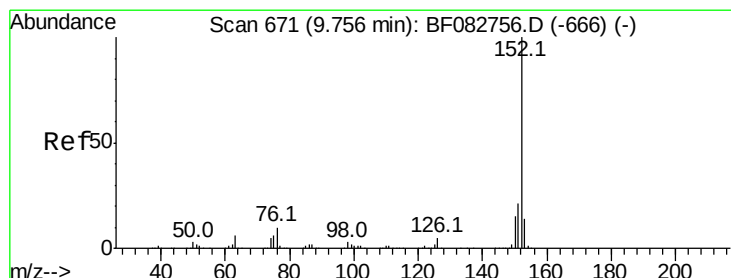
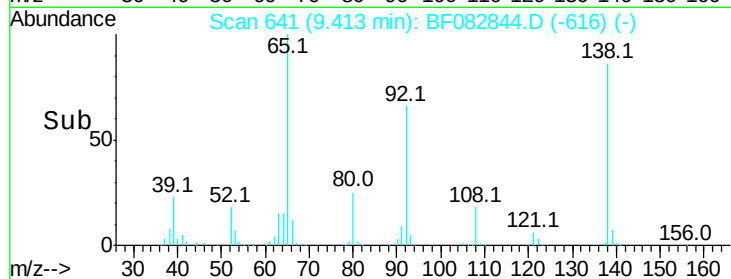
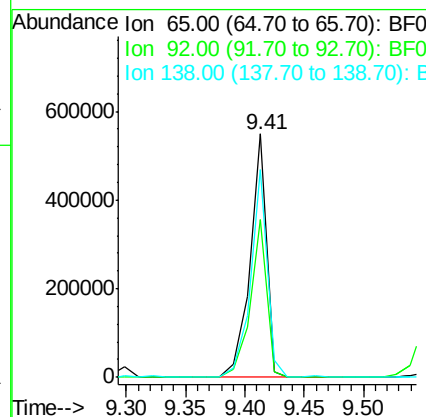
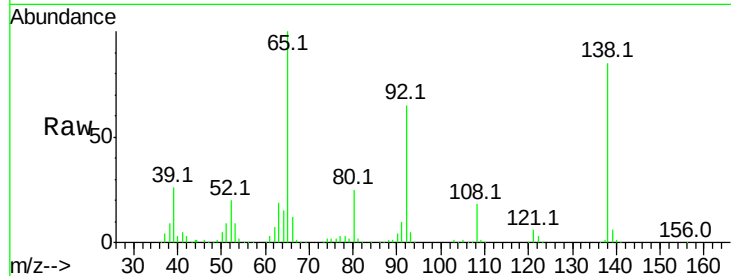
ClientSampleId :

D3MSD

Tot Ion:	65	Resp:	532648
Ion Ratio	Lower	Upper	
65	100		
92	65.0	46.6	70.0
138	85.2	54.6	81.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.39 ng

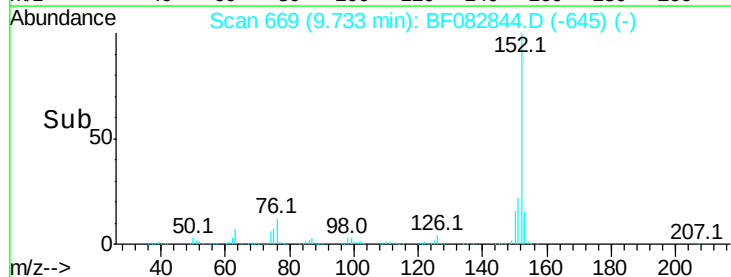
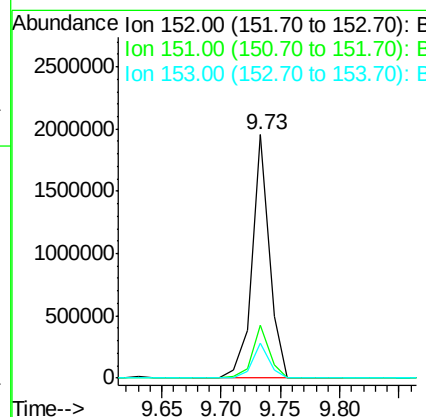
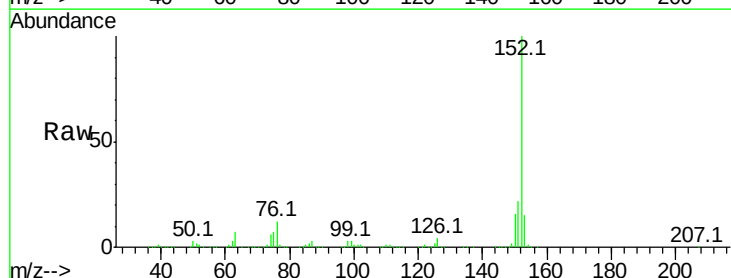
RT: 9.73 min Scan# 669

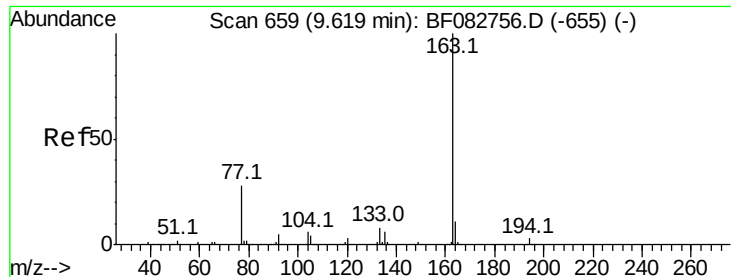
Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	152	Resp:	1990085
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.3	25.9
153	14.6	11.3	16.9





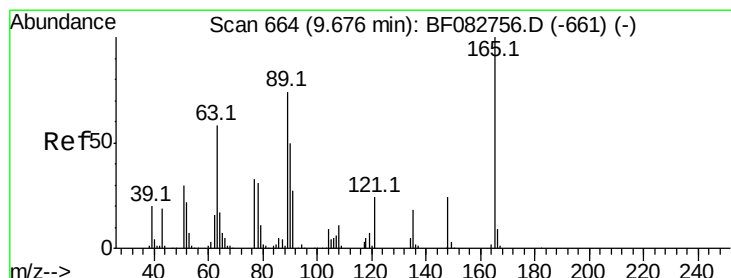
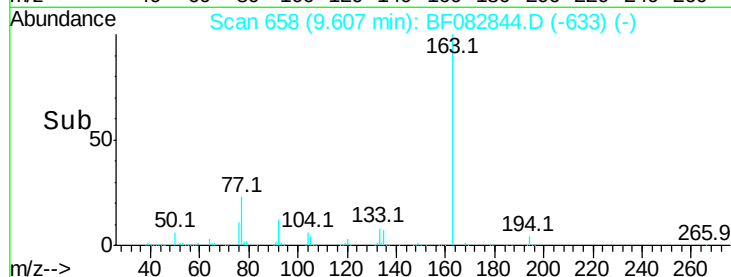
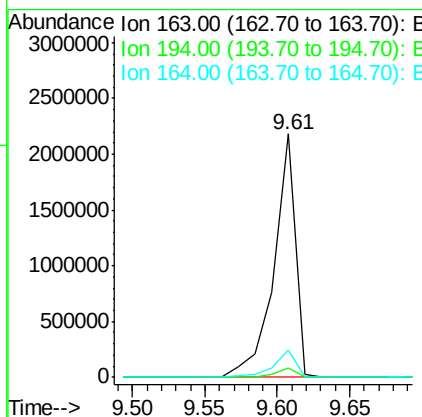
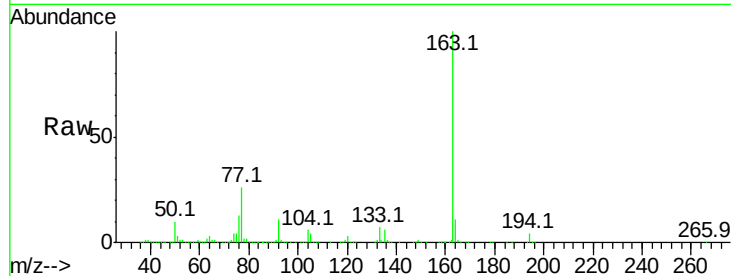
#49
Dimethylphthalate
Concen: 62.72 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	11.1	8.7	13.1

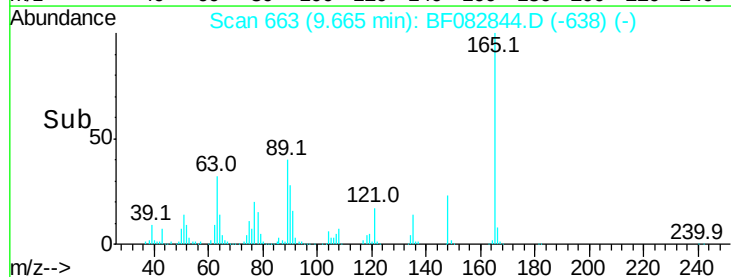
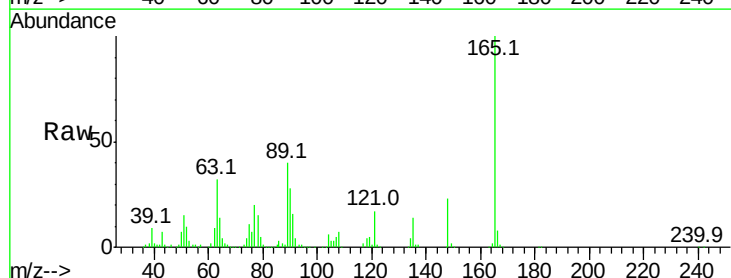
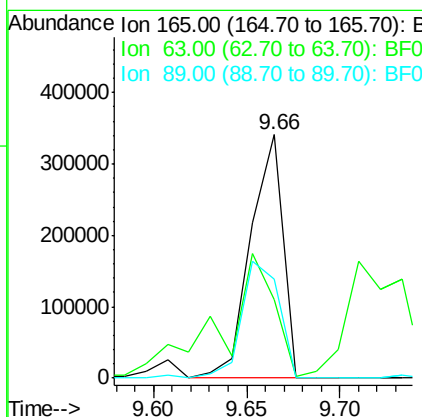
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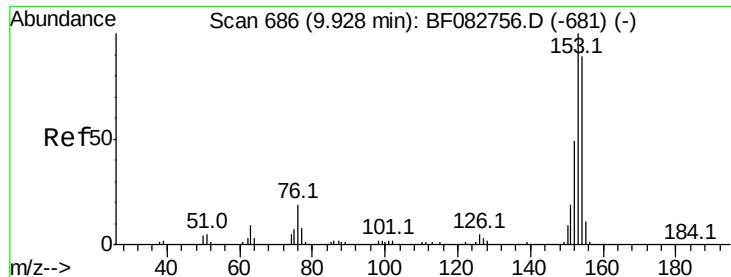
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#50
2,6-Dinitrotoluene
Concen: 53.40 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.2	55.5	83.3#
89	40.4	55.0	82.6#





#51

Acenaphthene

Concen: 46.32 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion:154 Resp: 1346480

Ion Ratio Lower Upper

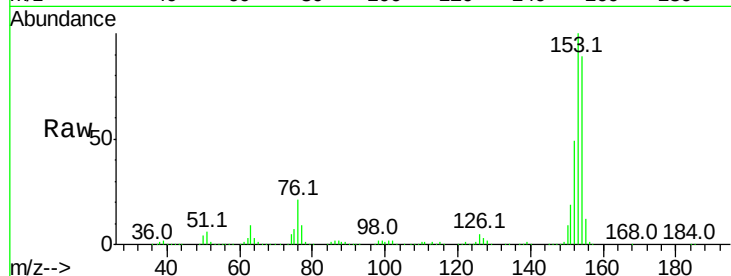
154 100

153 111.9 90.1 135.1

152 55.2 44.3 66.5

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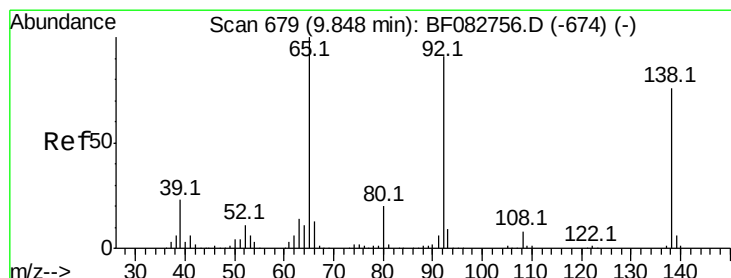
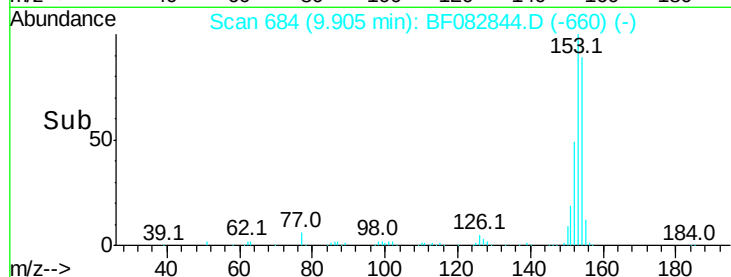
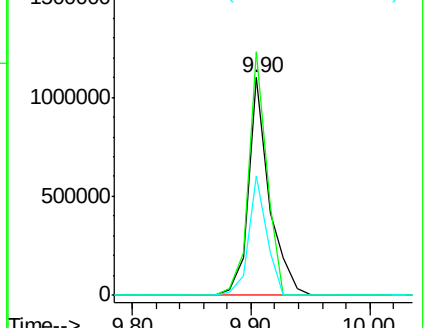
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.03 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

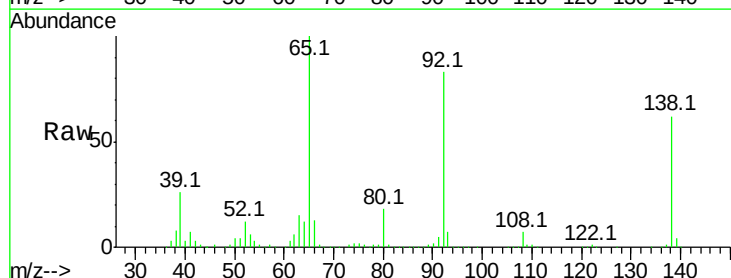
Tgt Ion:138 Resp: 344908

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

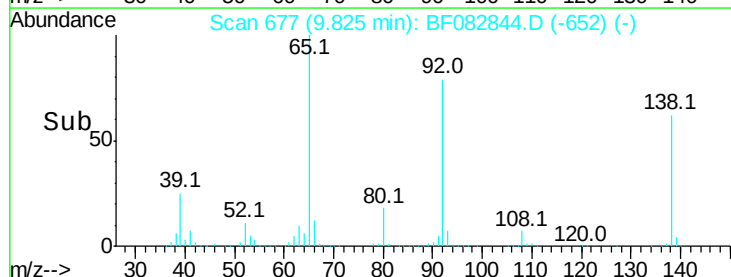
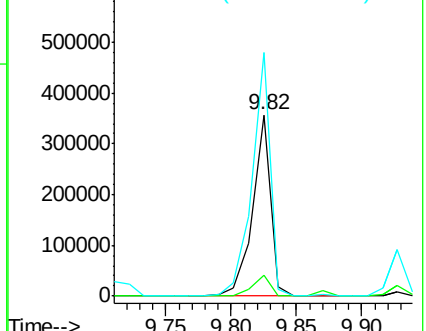
92 134.4 122.4 183.6

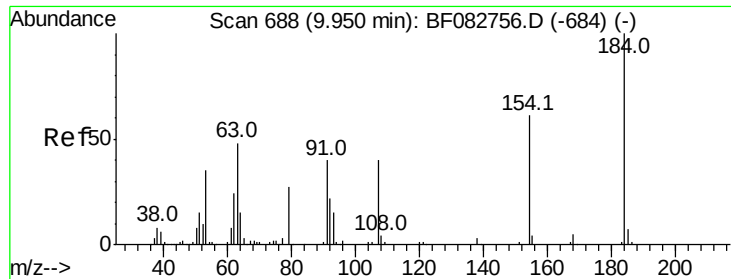


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





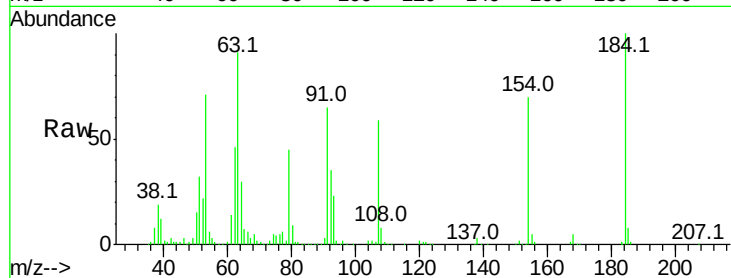
#53
2,4-Dinitrophenol
Concen: 64.33 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

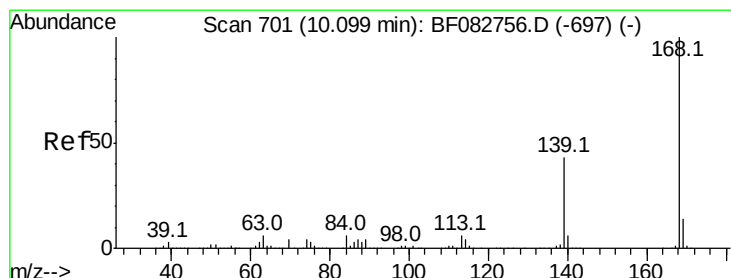
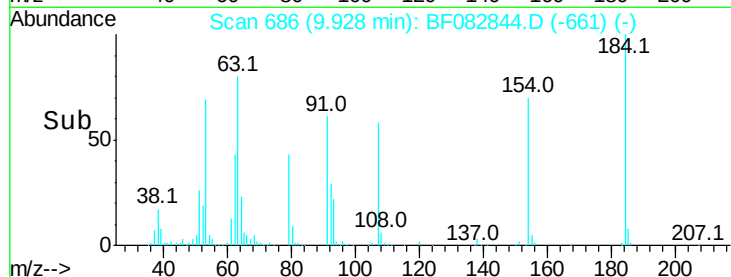
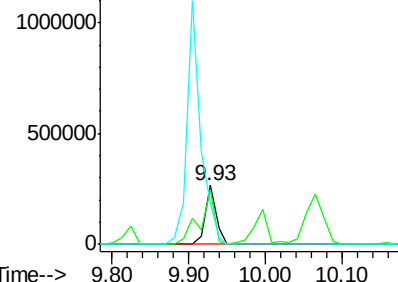
Tot Ion	Ratio	Resp	Lower	Upper
184	100	269959		
63	91.3	98.6	148.0#	
154	70.5	183.9	275.9#	

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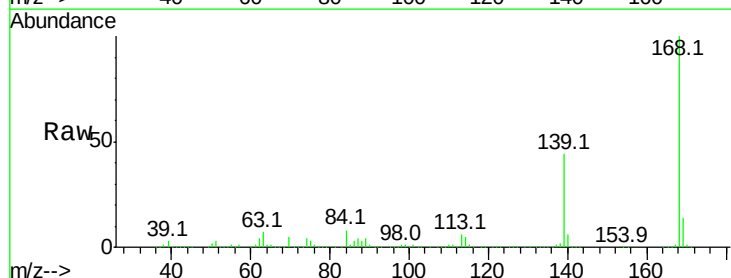


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

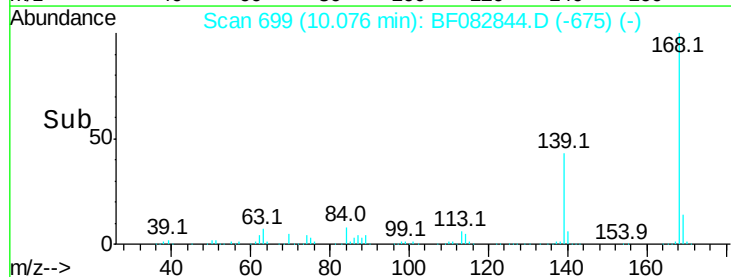
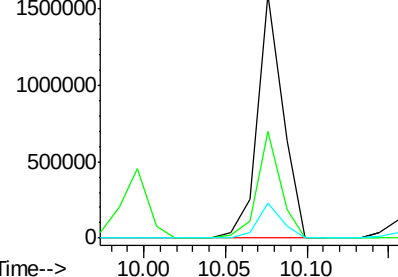


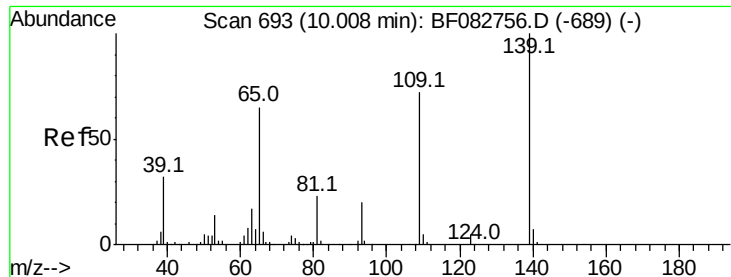
#54
Dibenzofuran
Concen: 44.16 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1730590		
139	43.6	37.8	56.6	
169	14.4	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





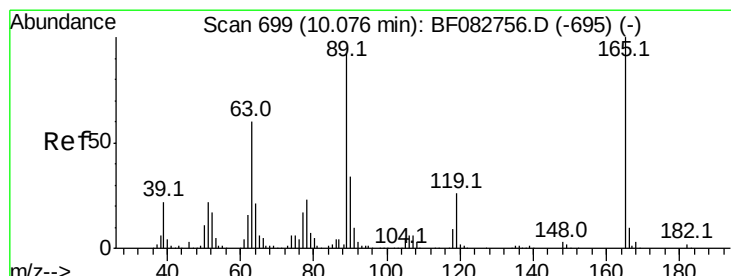
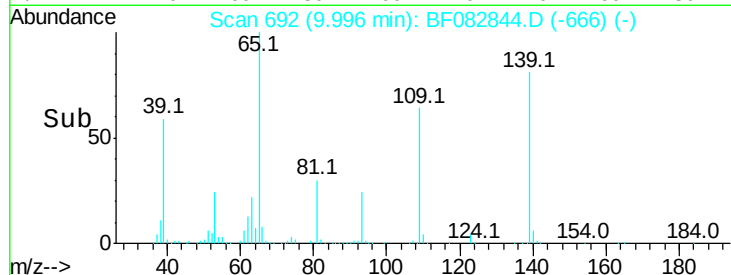
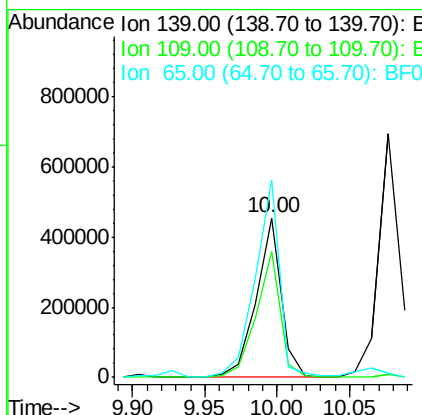
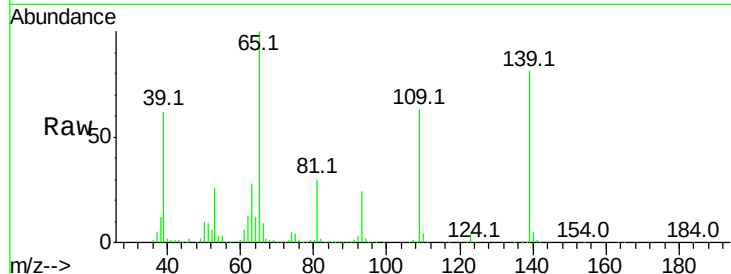
#55
4-Nitrophenol
Concen: 84.82 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.7	73.7	113.7
65	123.9	82.9	122.9#

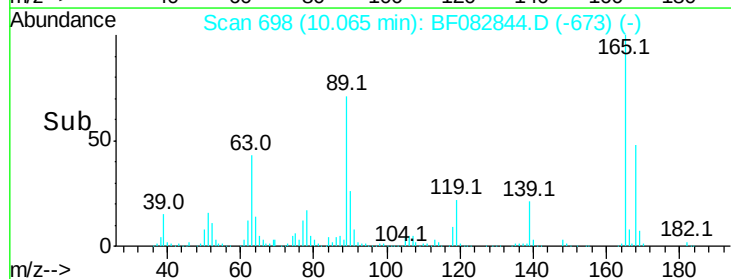
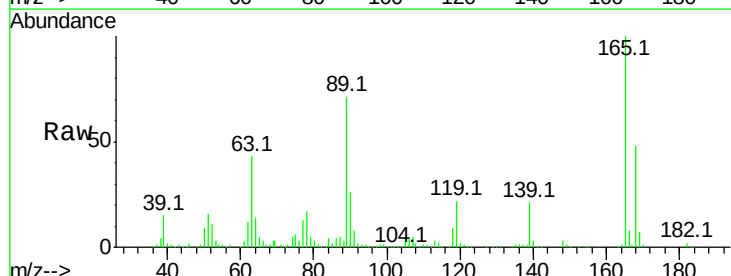
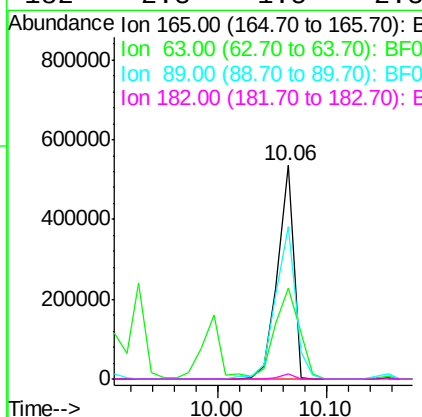
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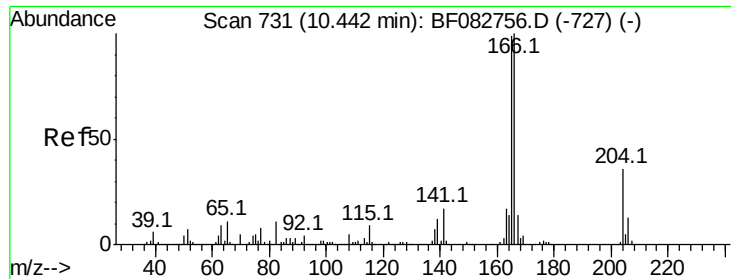
Mmdadoda
11/10/2015 1:02:33 PM



#56
2,4-Dinitrotoluene
Concen: 52.91 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	43.4	65.0#
89	71.4	70.6	106.0
182	2.3	1.5	2.3





#57

Fluorene

Concen: 41.48 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampled :

D3MSD

Tot Ion:166 Resp: 1316376

Ion Ratio Lower Upper

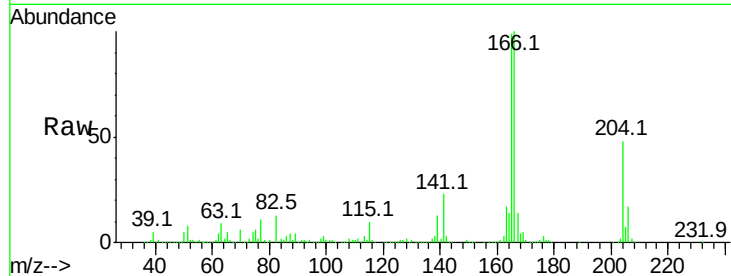
166 100

165 99.3 80.2 120.4

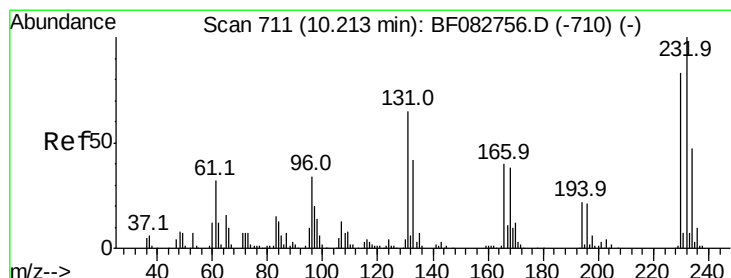
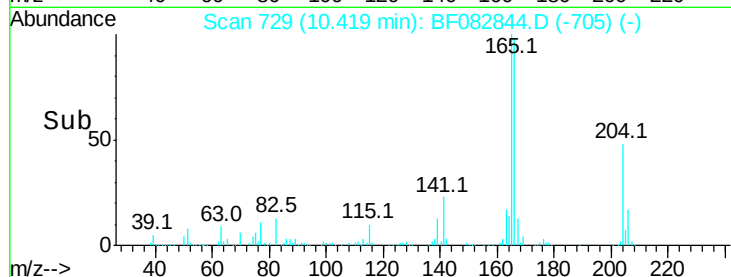
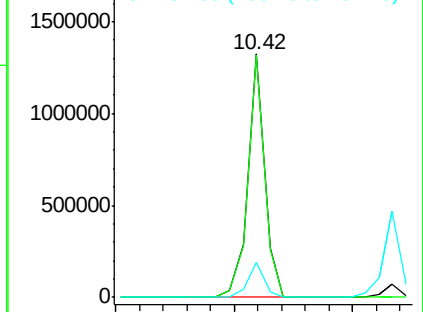
167 14.4 11.2 16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.87 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:232 Resp: 449033

Ion Ratio Lower Upper

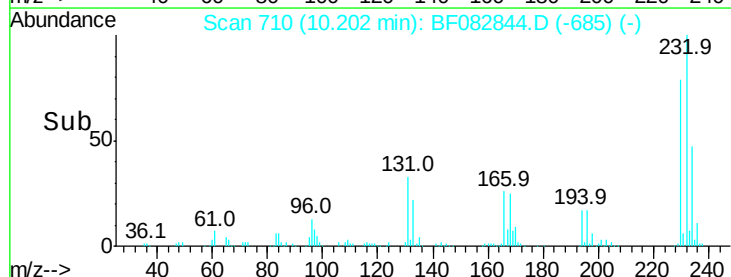
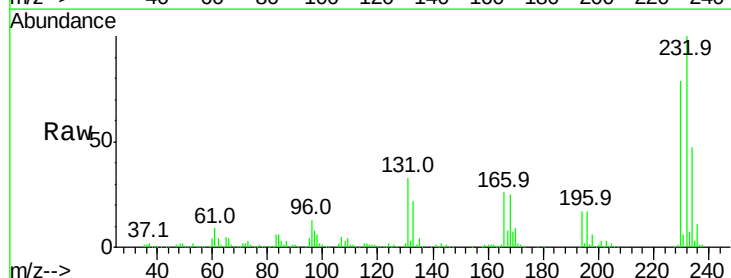
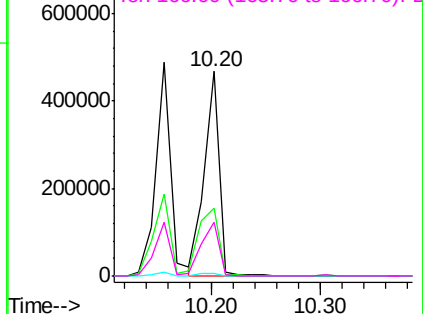
232 100

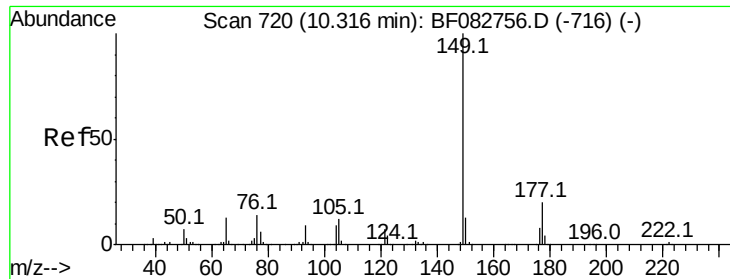
131 45.6 46.2 69.2#

130 2.0 2.4 3.6#

166 31.3 28.2 42.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





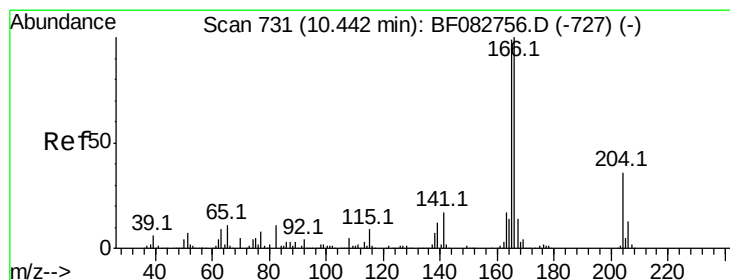
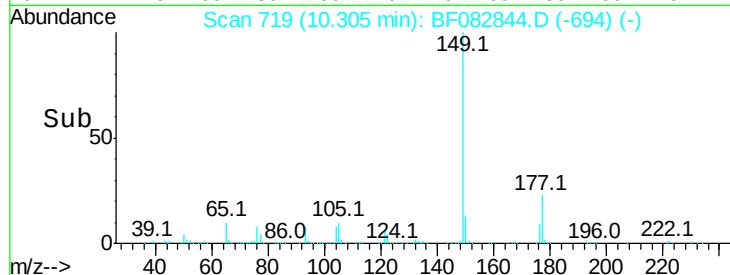
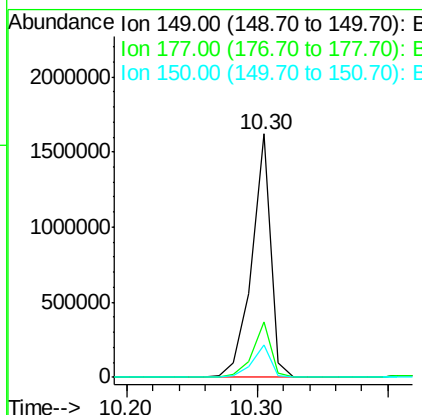
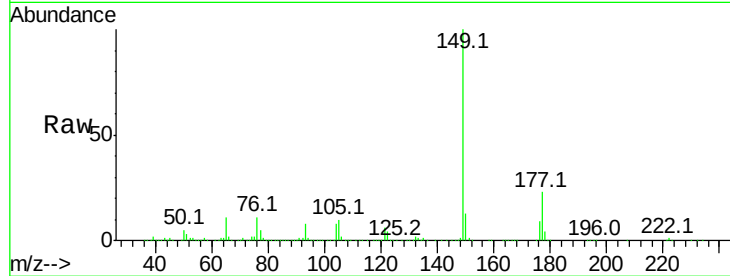
#59
Diethylphthalate
Concen: 46.68 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.9	26.9
150	13.3	10.1	15.1

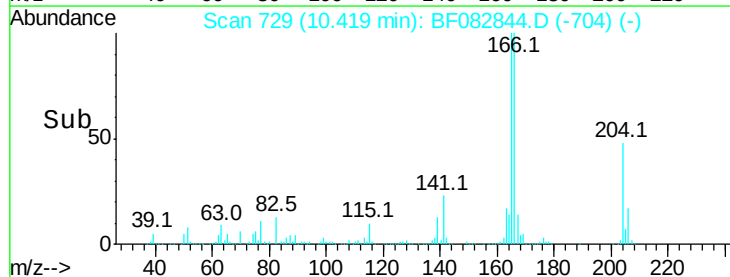
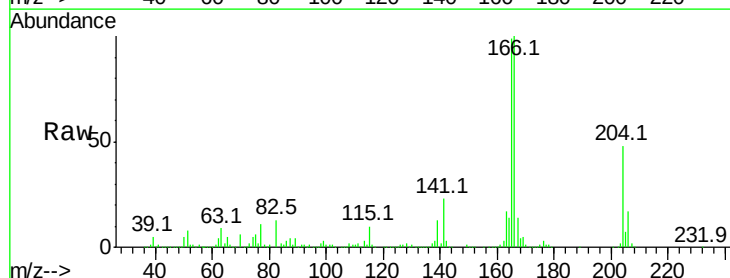
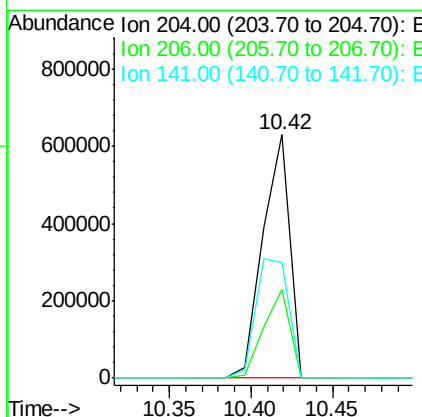
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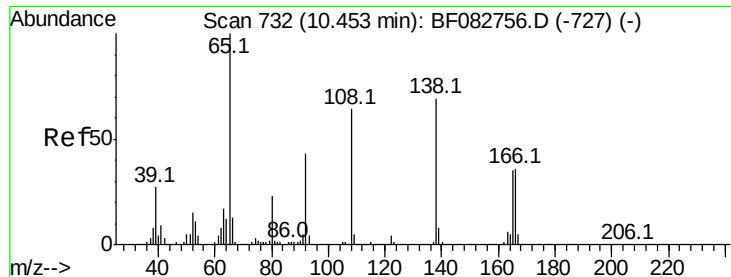
Mmdadoda
11/10/2015 1:02:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.39 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	28.5	42.7
141	47.5	44.6	66.8





#61

4-Nitroaniline

Concen: 44.29 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

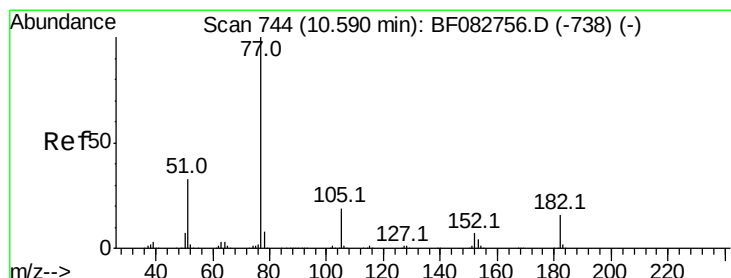
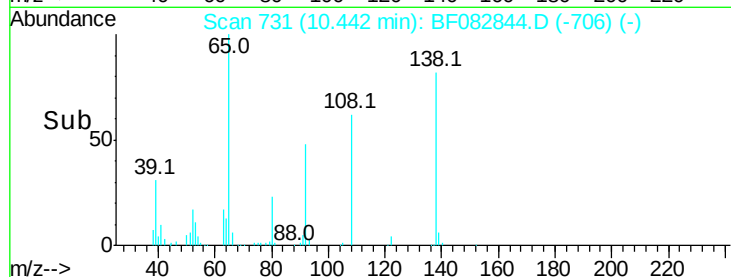
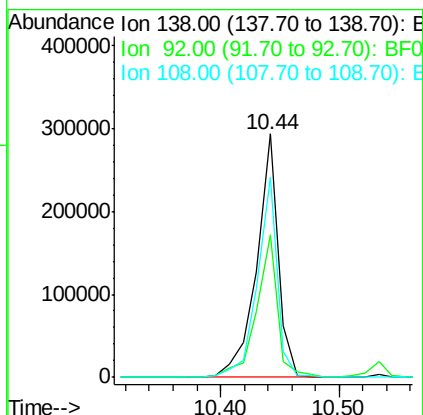
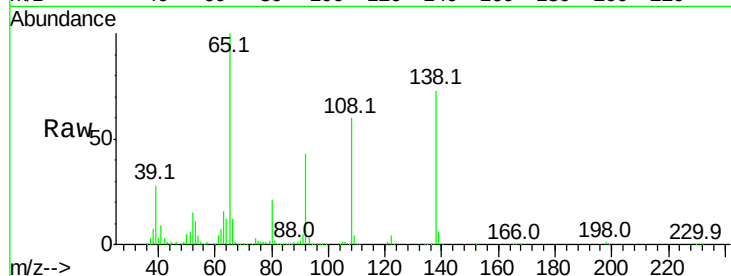
ClientSampleId :

D3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.6	45.8	85.8
108	82.0	89.4	129.4

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#62

Azobenzene

Concen: 50.48 ng

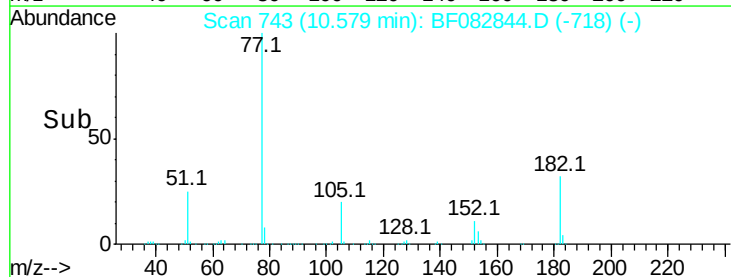
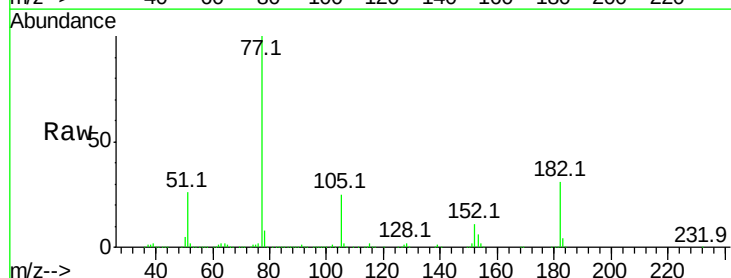
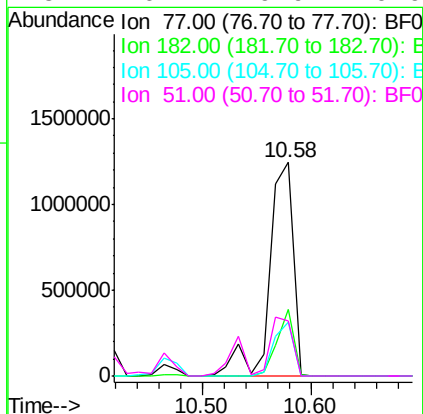
RT: 10.58 min Scan# 743

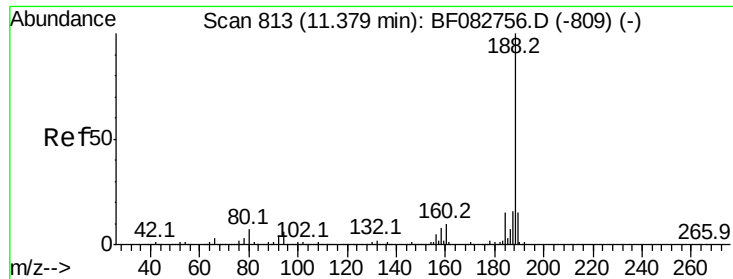
Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	9.3	49.3
105	25.0	2.6	42.6
51	26.1	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

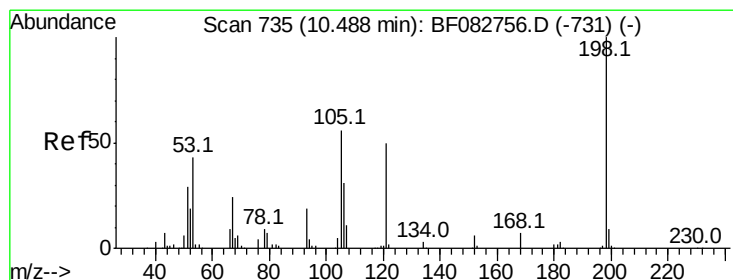
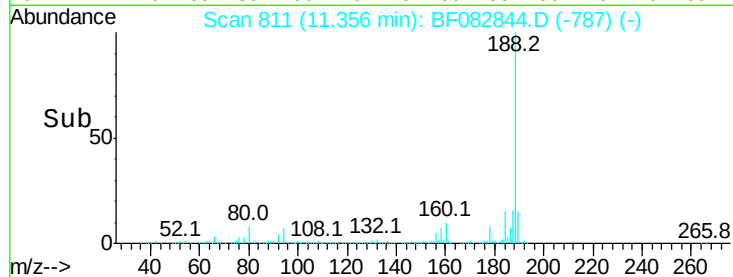
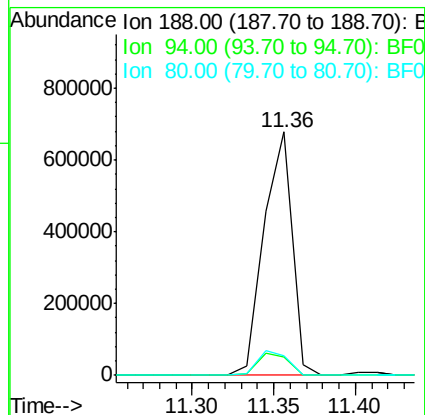
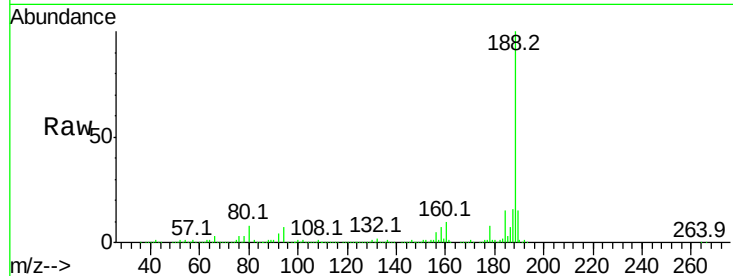
ClientSampleId :

D3MSD

Tot Ion:	188	Resp:	818902
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.1	9.1
80	7.9	7.0	10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 52.45 ng

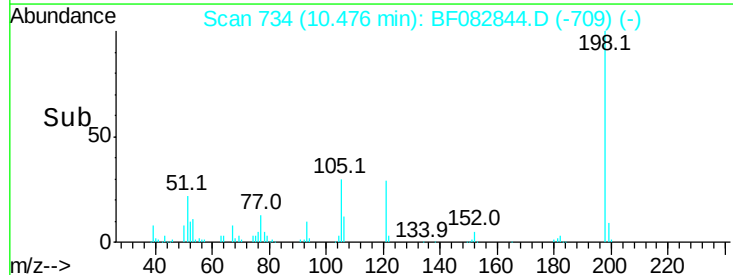
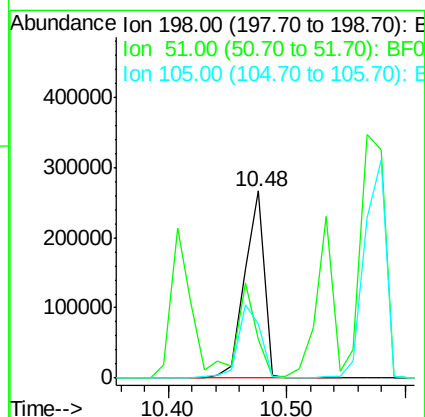
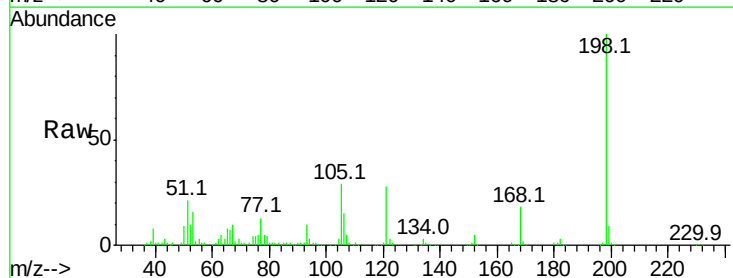
RT: 10.48 min Scan# 734

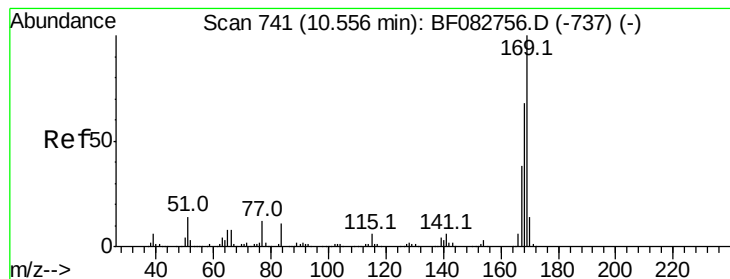
Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	198	Resp:	306010
Ion Ratio	Lower	Upper	
198	100		
51	20.8	17.3	57.3
105	29.1	21.7	61.7





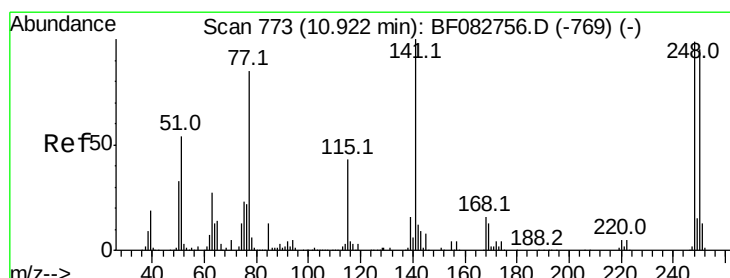
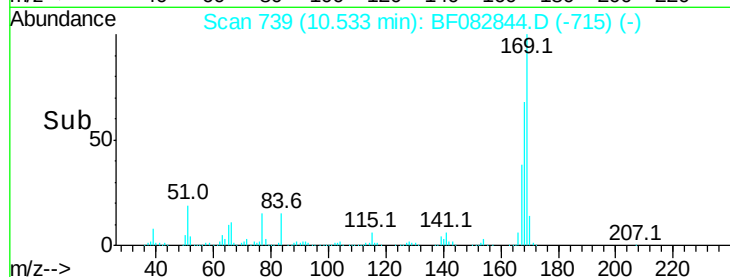
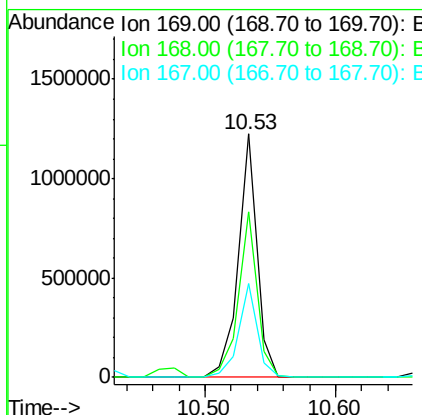
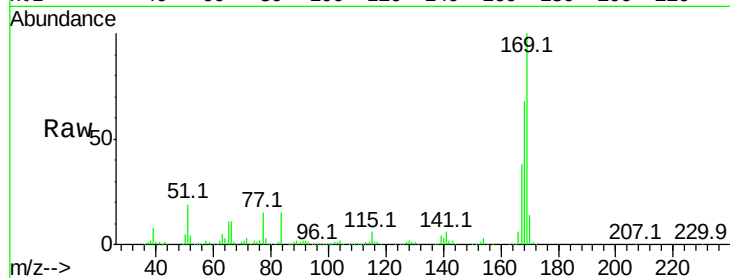
#65
n-Nitrosodiphenylamine
Concen: 41.22 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:169 Resp: 1219443
Ion Ratio Lower Upper
169 100
168 68.0 55.0 82.6
167 38.4 30.5 45.7

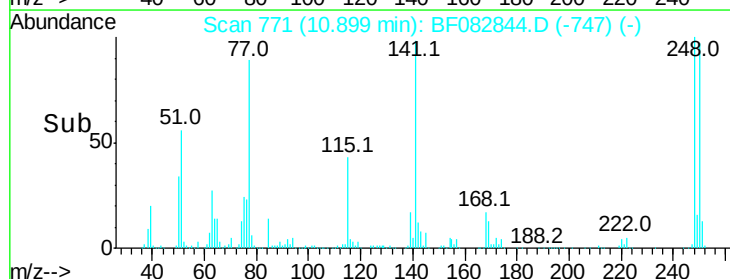
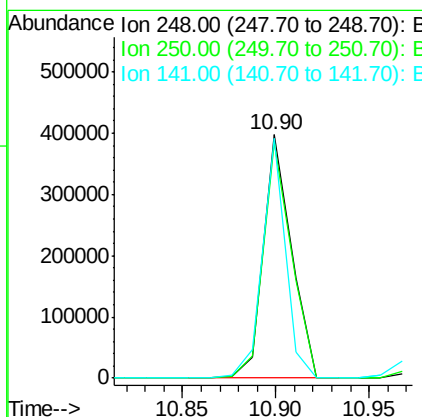
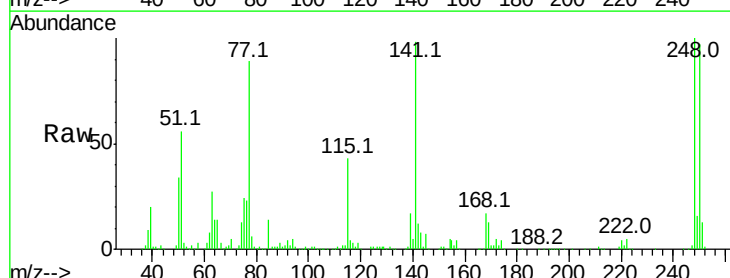
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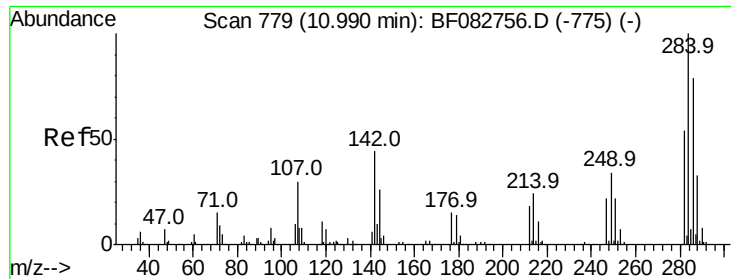
Mmdadoda
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#66
4-Bromophenyl-phenylether
Concen: 41.63 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:248 Resp: 410532
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 98.2 36.3 54.5#





#67

Hexachlorobenzene

Concen: 41.41 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

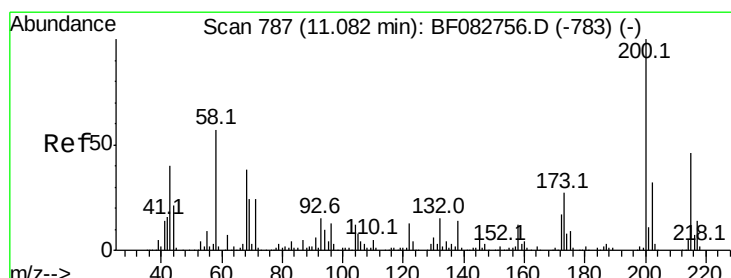
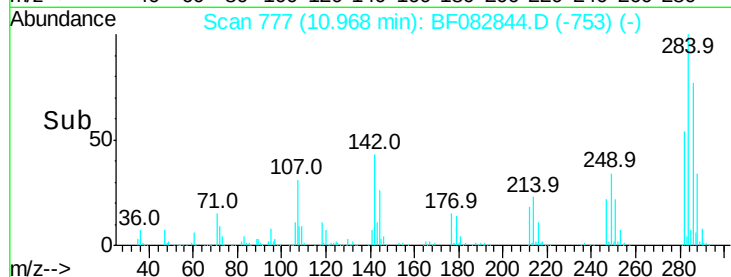
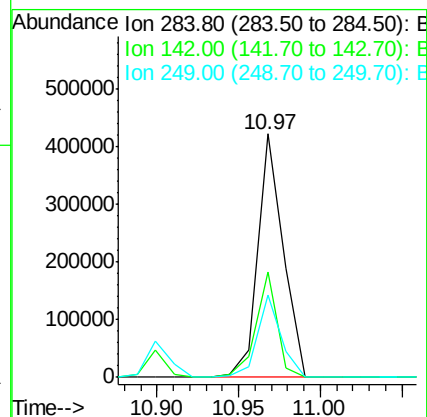
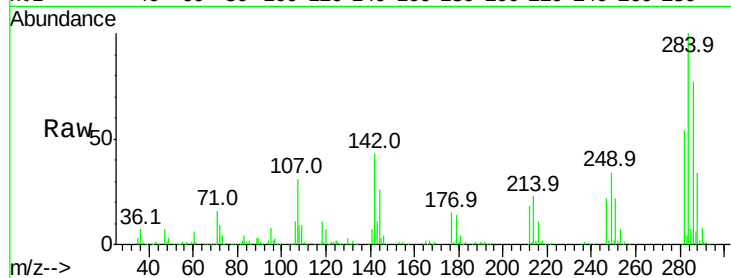
ClientSampleId :

D3MSD

Tot Ion:	284	Resp:	455905
Ion Ratio		Lower	Upper
284	100		
142	43.4	47.9	71.9#
249	34.0	29.7	44.5

Manual Integrations
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#68

Atrazine

Concen: 47.86 ng

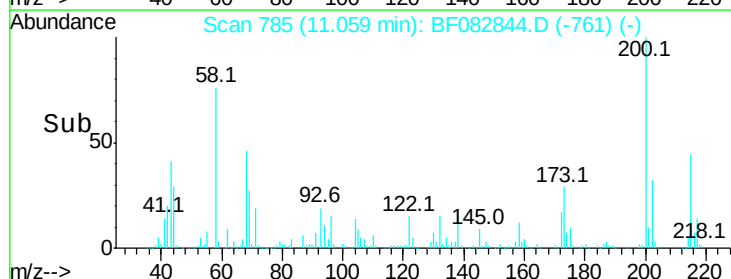
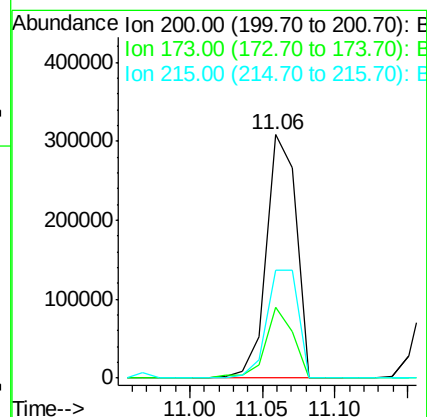
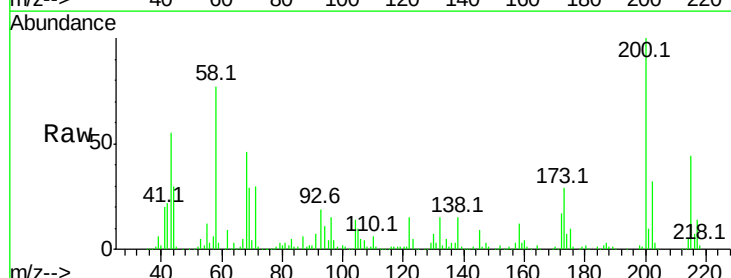
RT: 11.06 min Scan# 785

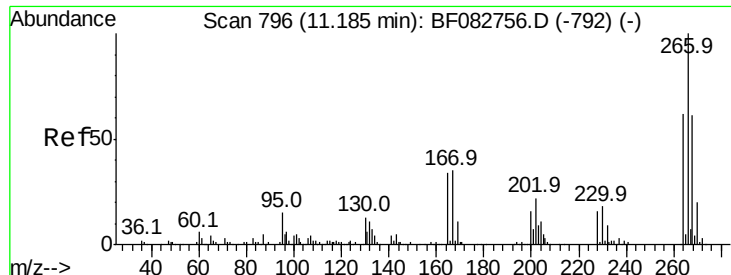
Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:	200	Resp:	437828
Ion Ratio		Lower	Upper
200	100		
173	29.2	6.9	46.9
215	44.3	22.9	62.9





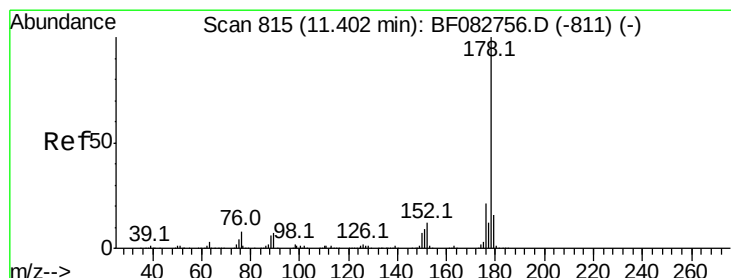
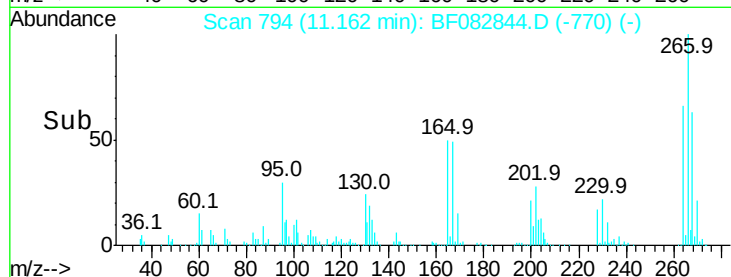
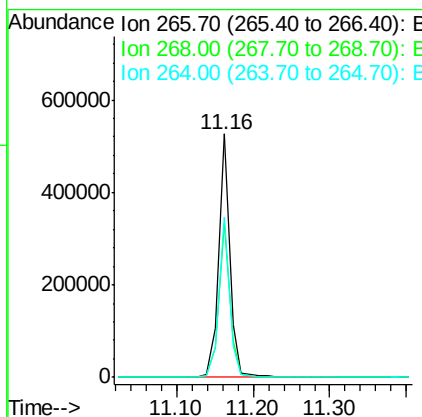
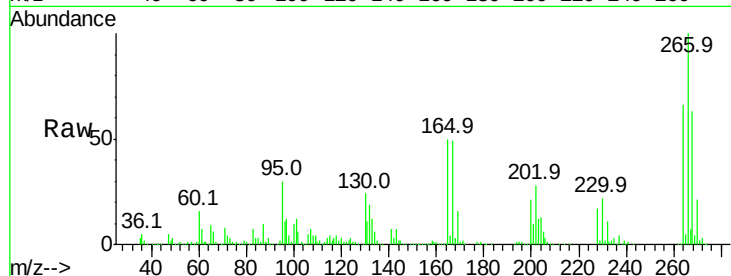
#69
 Pentachlorophenol
 Concen: 80.33 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	537074		
268	63.3		51.0	76.6
264	65.7		50.6	75.8

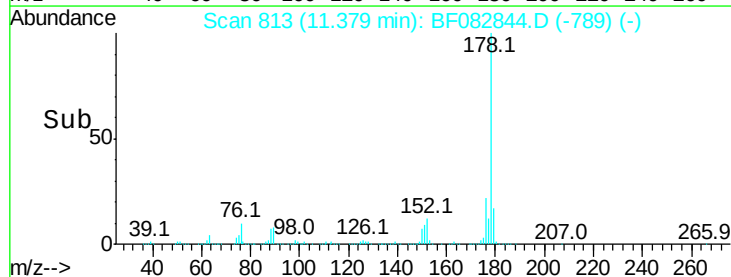
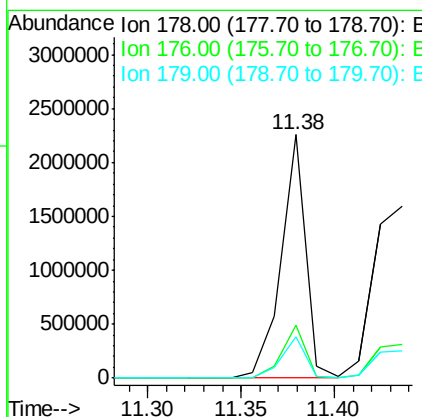
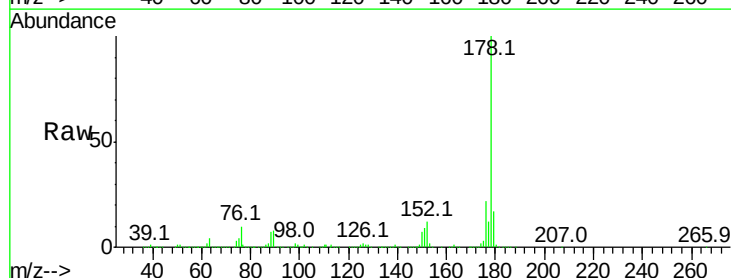
Manual Integrations
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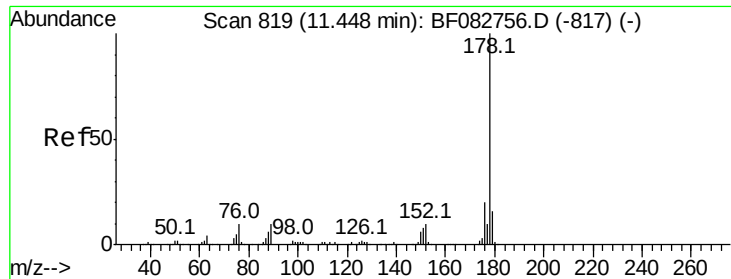
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#70
 Phenanthrene
 Concen: 43.58 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2072583		
176	21.6		17.0	25.4
179	17.1		13.4	20.0





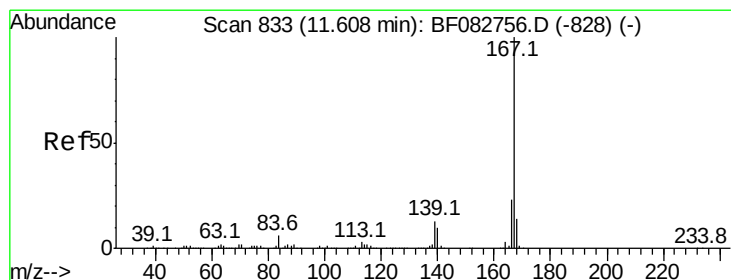
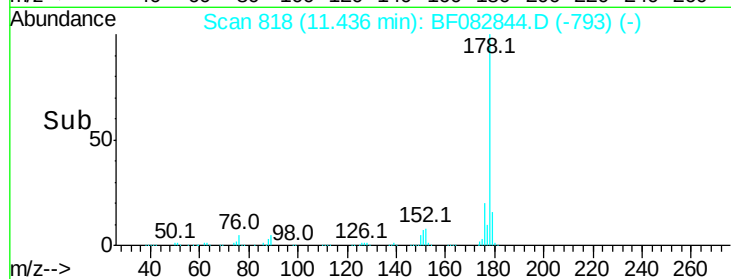
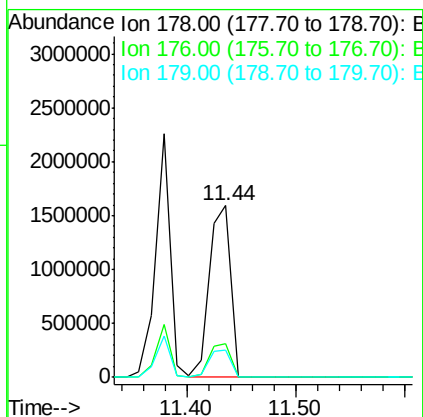
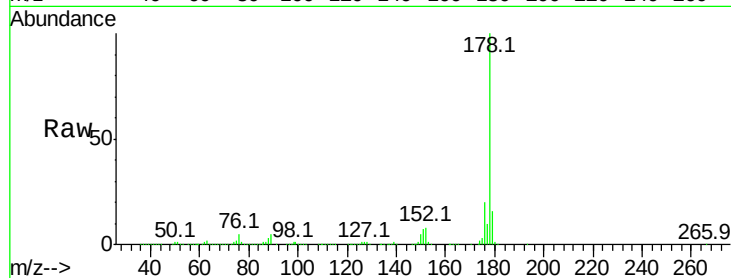
#71
 Anthracene
 Concen: 43.79 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion:178 Resp: 2193611
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.1 13.2 19.8

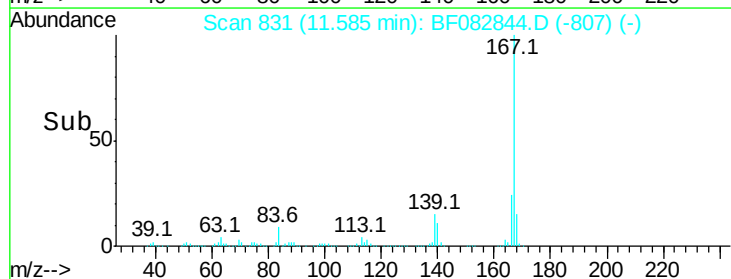
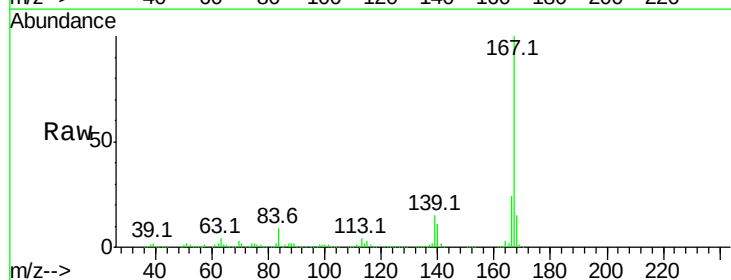
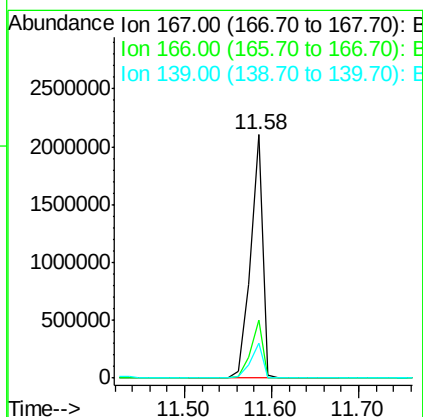
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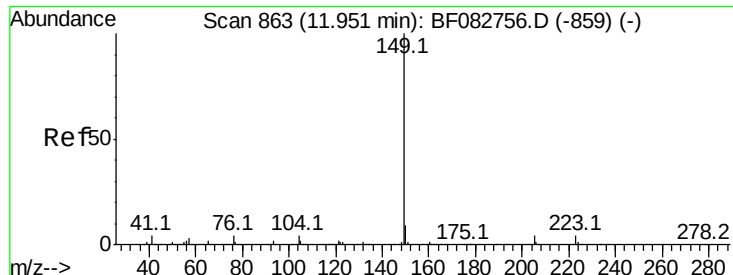
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 11/10/2015 1:02:33 PM



#72
 Carbazole
 Concen: 47.34 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:167 Resp: 2075994
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.7 28.1
 139 14.5 11.8 17.6





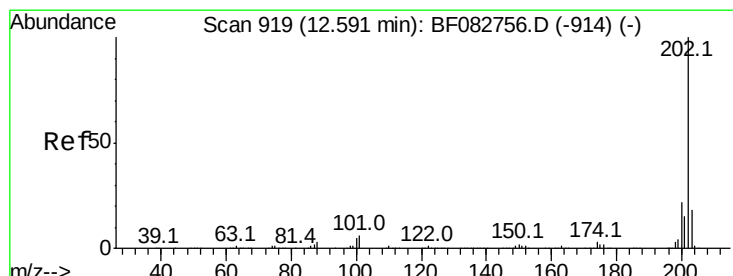
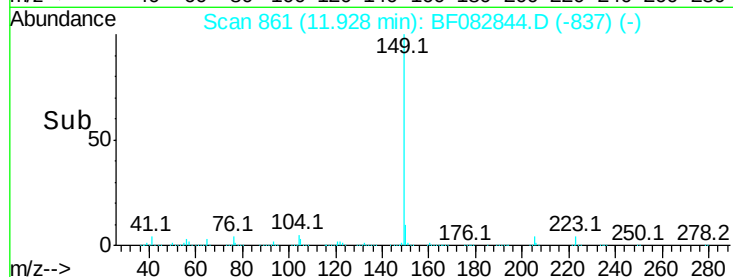
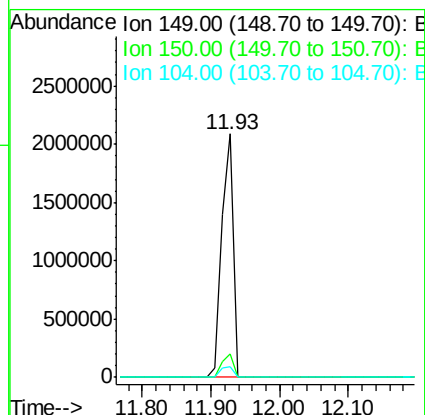
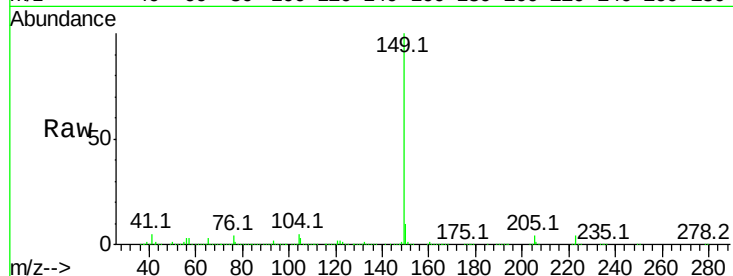
#73
Di-n-butylphthalate
Concen: 44.89 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:149 Resp: 2452746
Ion Ratio Lower Upper
149 100
150 9.8 8.1 12.1
104 4.6 5.2 7.8#

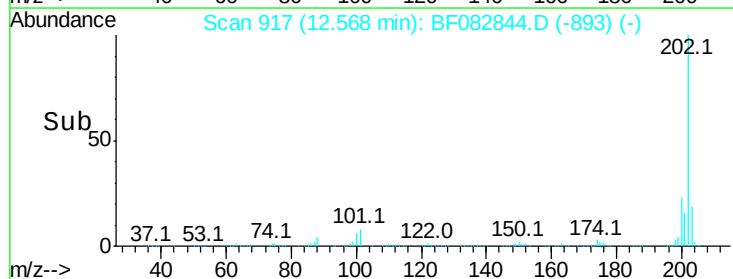
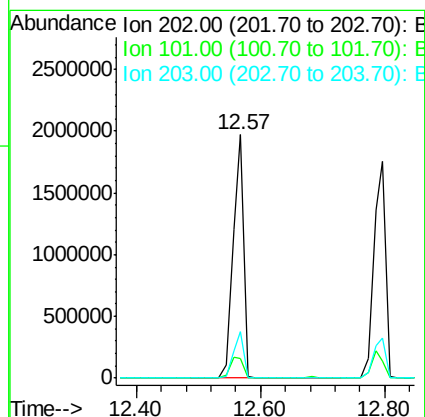
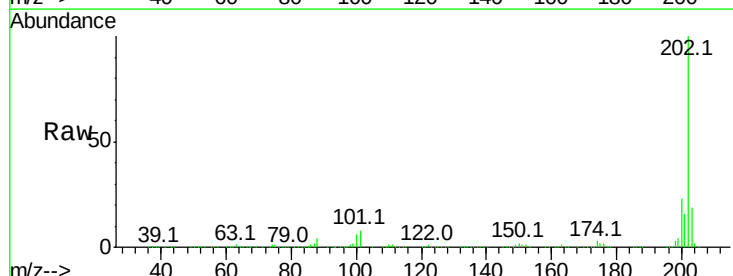
Manual Integrations
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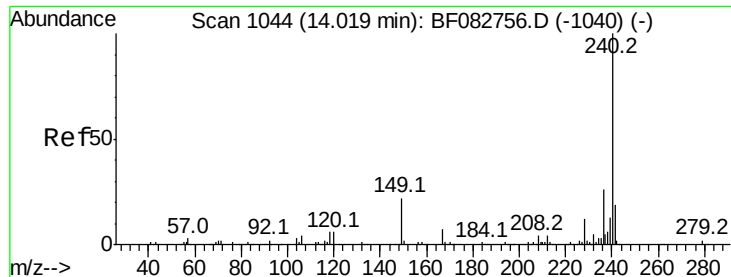
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#74
Fluoranthene
Concen: 44.65 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:202 Resp: 2278518
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.5
203 18.9 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

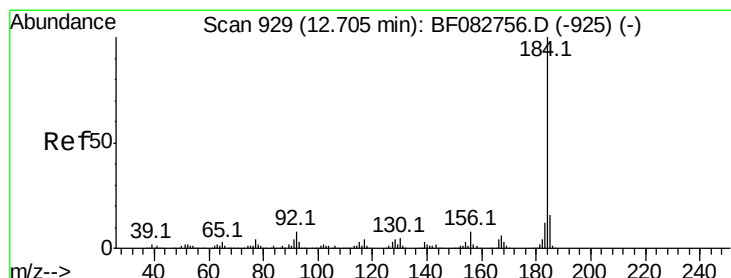
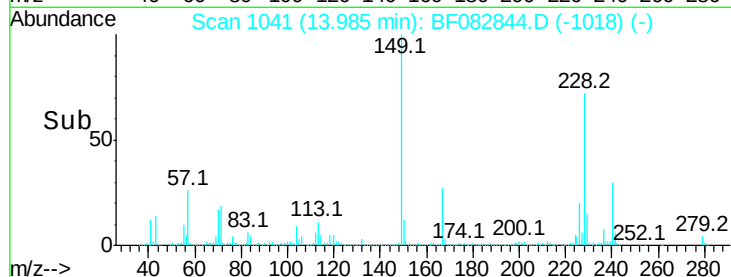
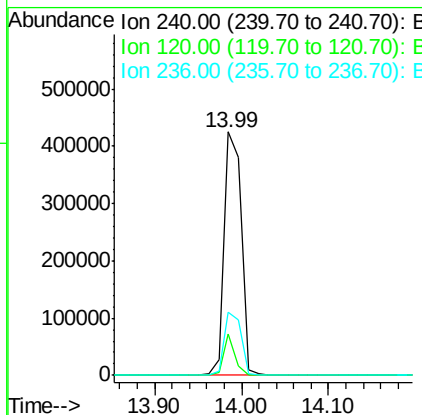
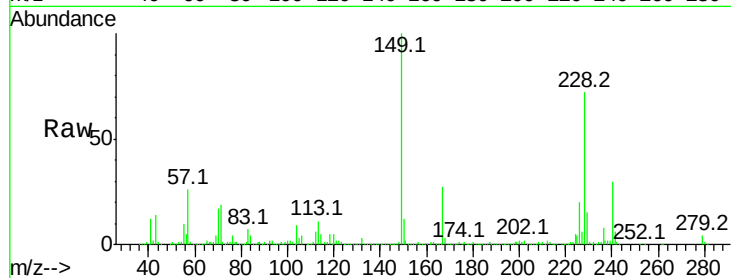
ClientSampleId :

D3MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.0	10.9	16.3#
236	25.9	21.6	32.4

Manual Integrations
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11/10/2015 1:02:33 PM



#76

Benzidine

Concen: 58.44 ng

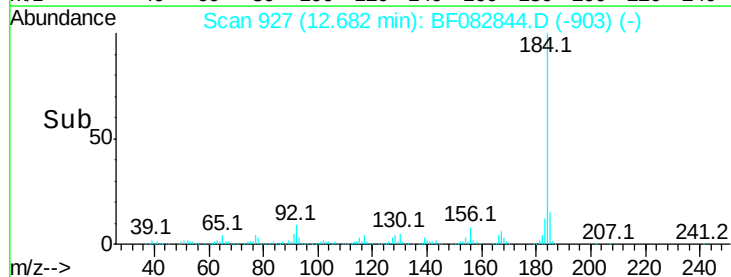
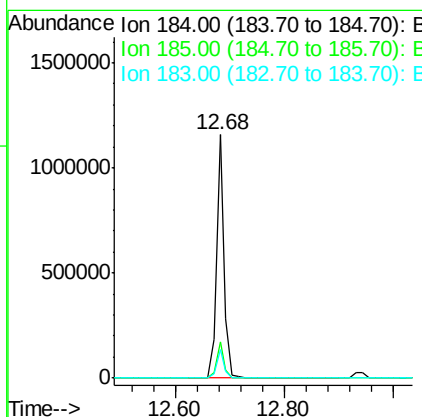
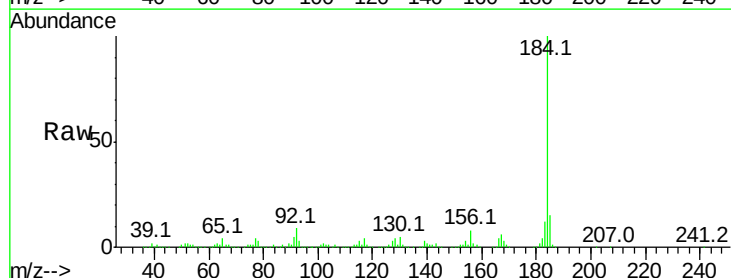
RT: 12.68 min Scan# 927

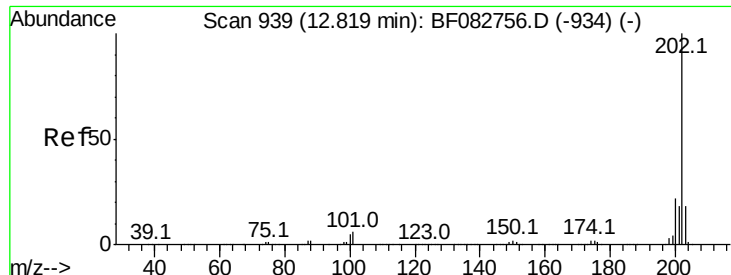
Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	11.9	9.6	14.4





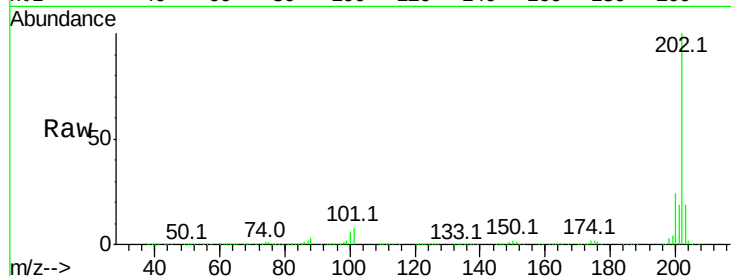
#77
Pvrene
Concen: 56.63 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

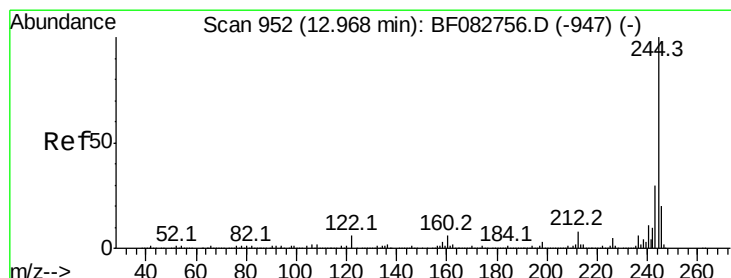
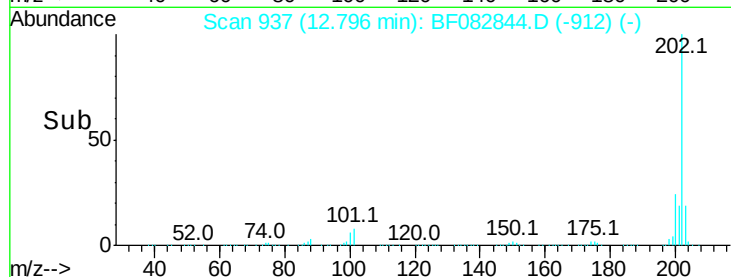
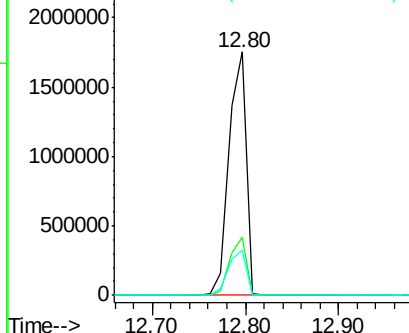
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.7	28.1
203	18.7	14.8	22.2

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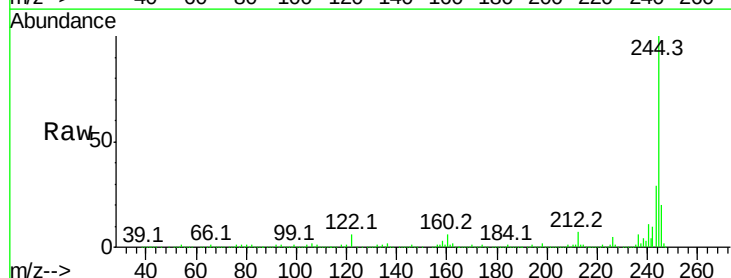


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

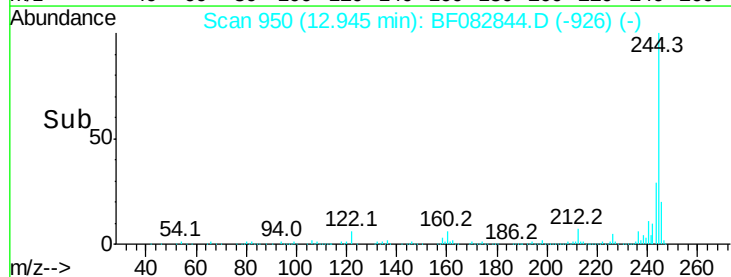
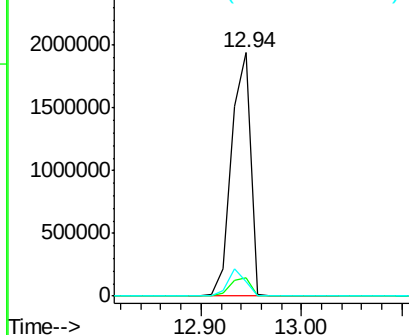


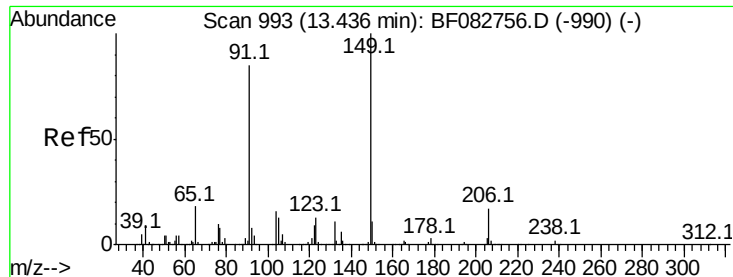
#78
Terphenyl-d14
Concen: 102.85 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.6	11.4#
122	6.2	11.3	16.9#



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





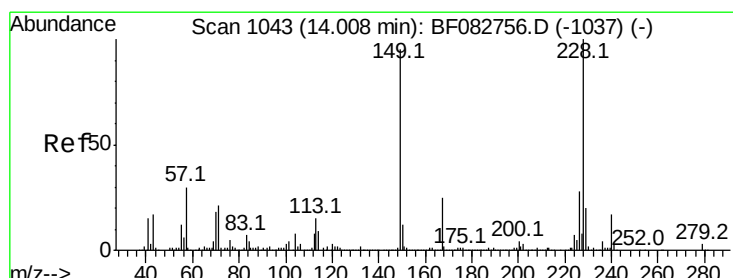
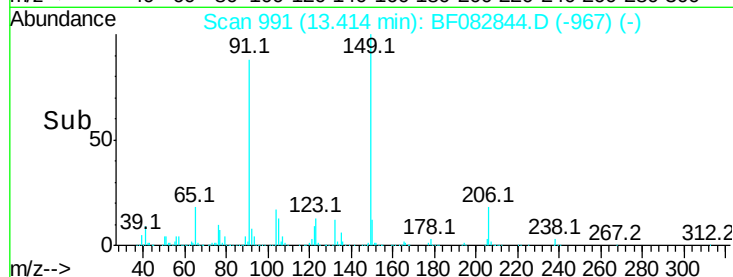
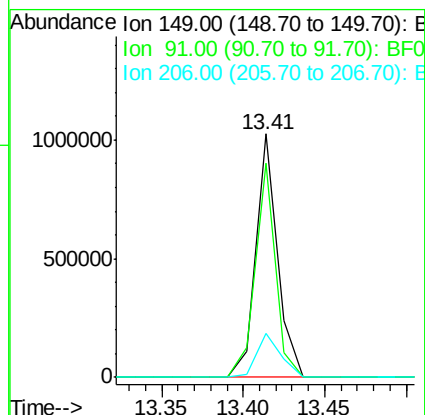
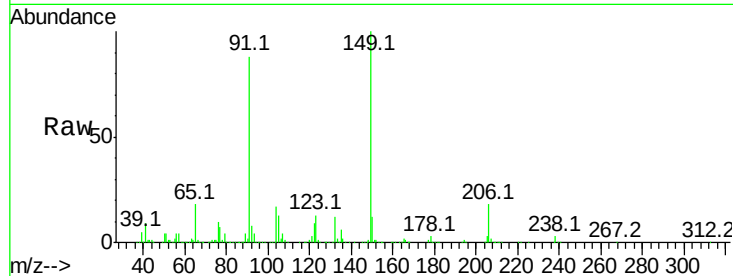
#79
Butylbenzylphthalate
Concen: 53.47 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	88.1	67.7	101.5	
206	17.9	14.6	22.0	

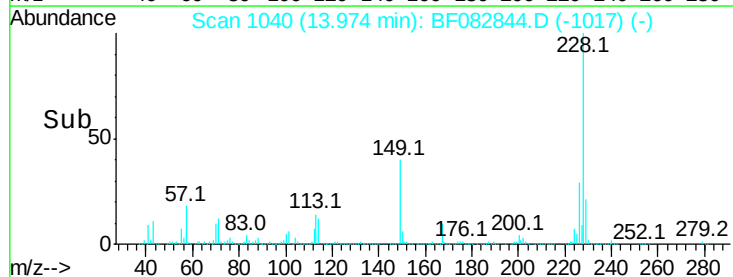
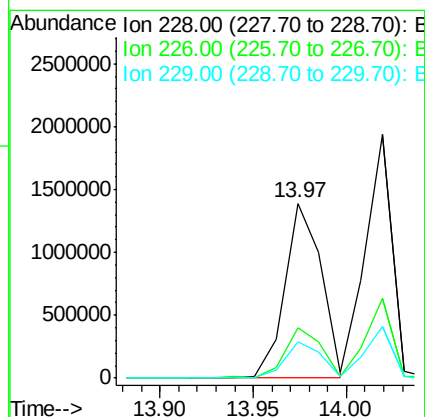
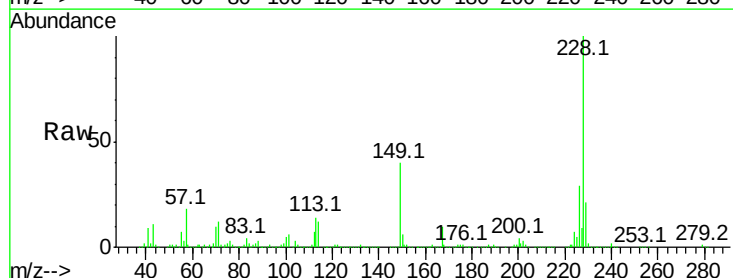
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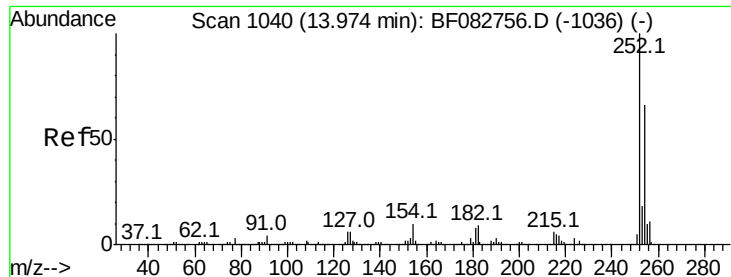
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#80
Benzo(a)anthracene
Concen: 51.90 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	23.4	35.2	
229	20.9	16.3	24.5	





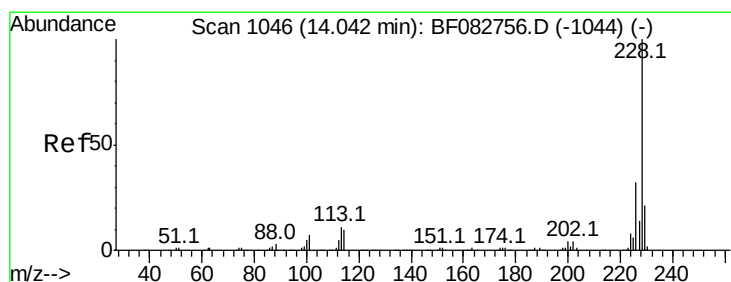
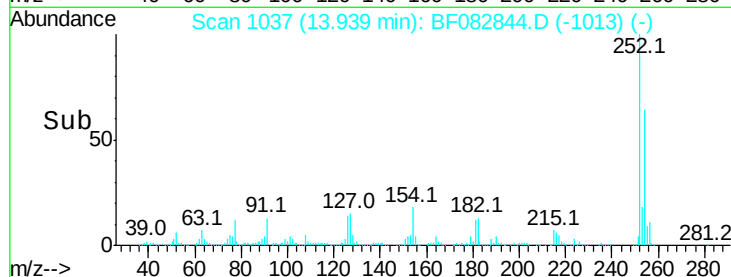
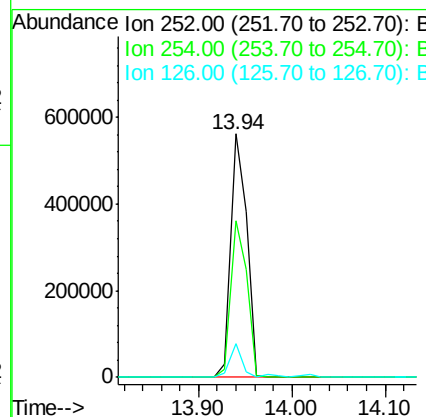
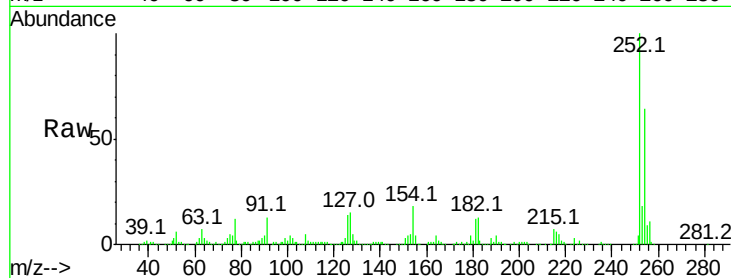
#81
 3,3'-Dichlorobenzidine
 Concen: 51.91 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	674411		
254	64.3	51.4	77.0	
126	13.7	10.7	16.1	

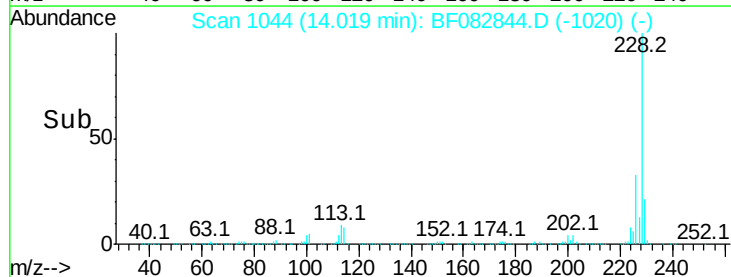
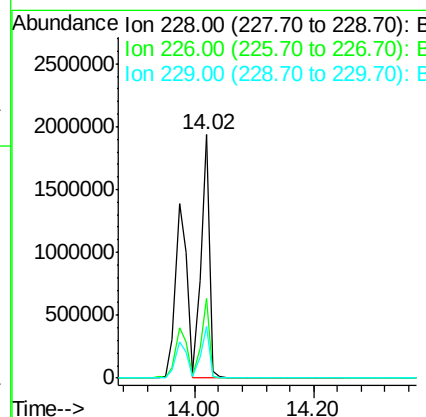
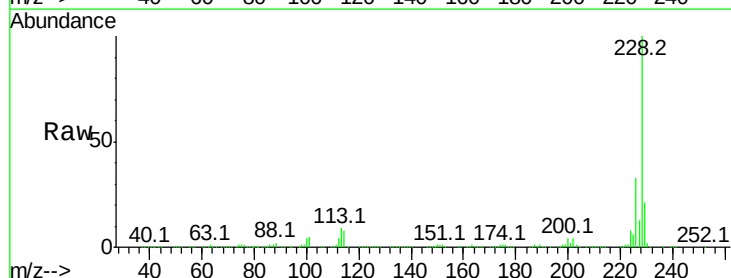
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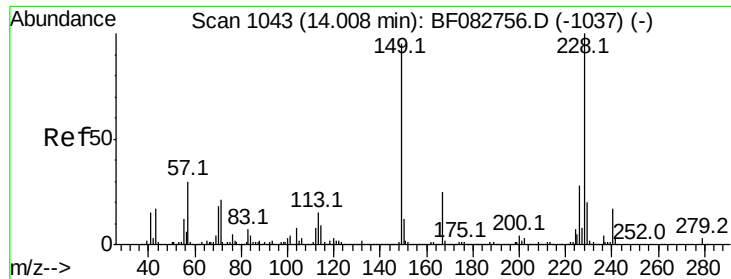
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#82
 Chrysene
 Concen: 57.44 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1922607		
226	32.9	25.5	38.3	
229	21.2	16.3	24.5	





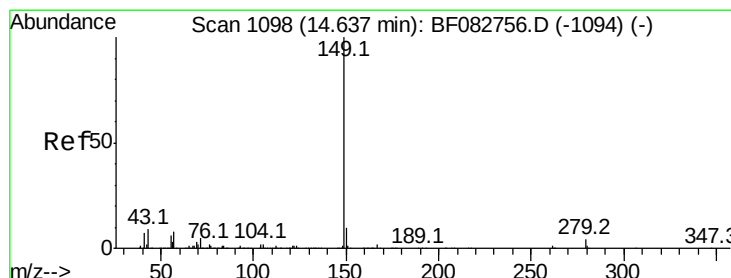
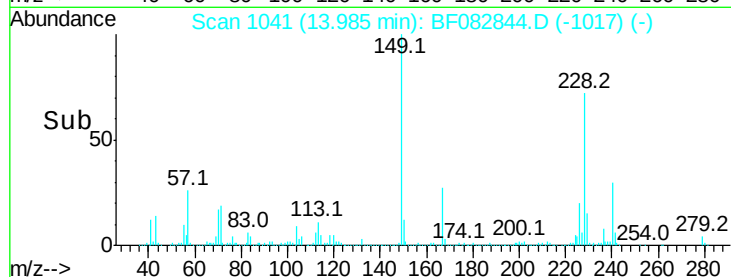
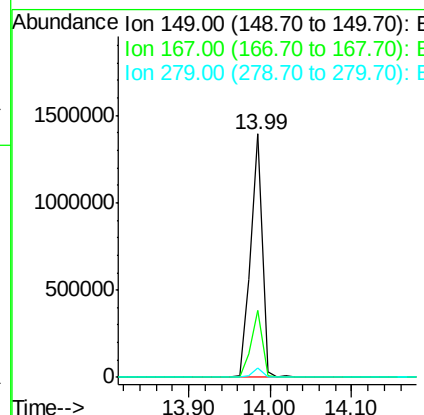
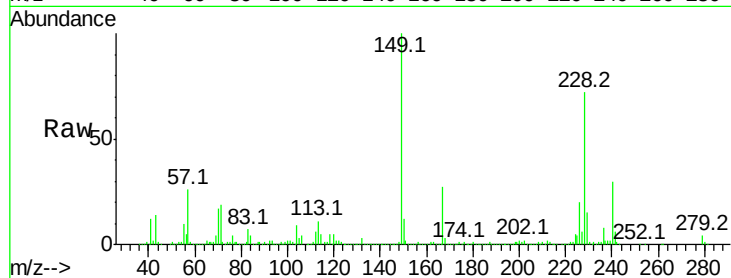
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.97 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	3.6	2.2	3.2#

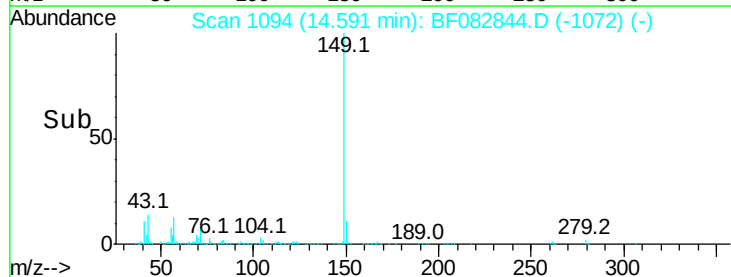
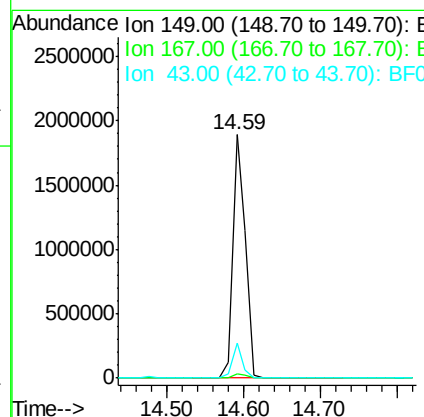
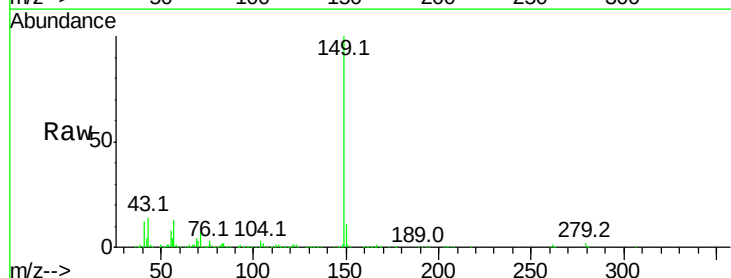
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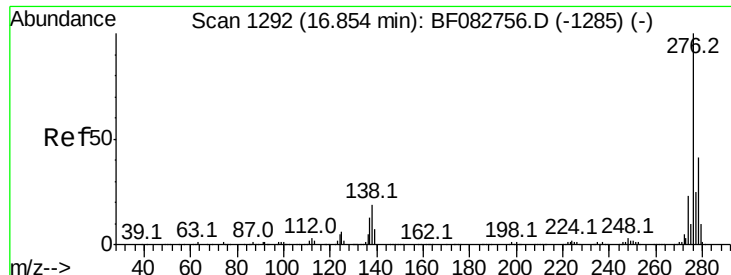
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#84
 Di-n-octyl phthalate
 Concen: 54.27 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	10.1	15.1





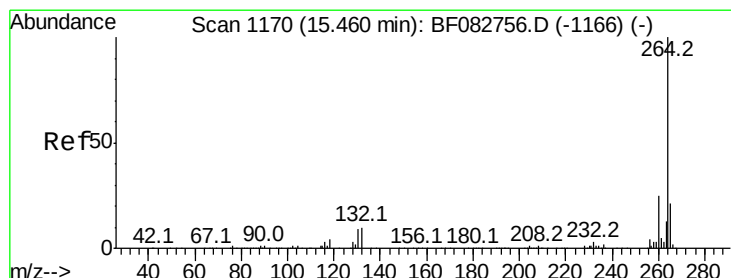
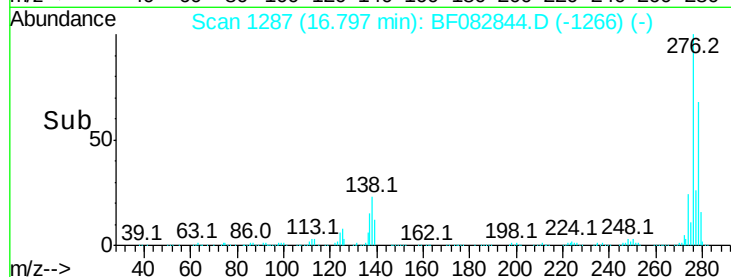
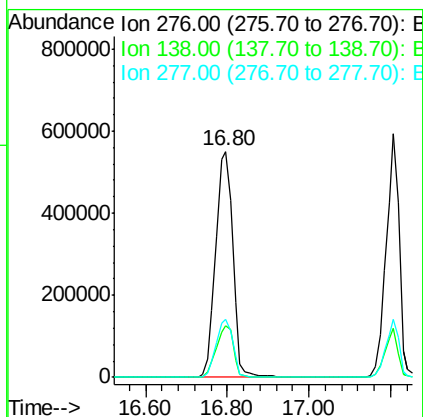
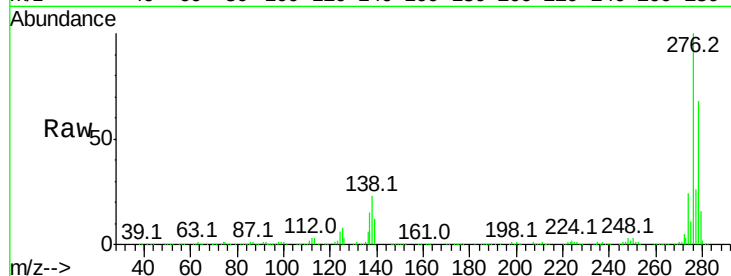
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.99 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.06 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.3	22.9#
277	25.4	20.2	30.4

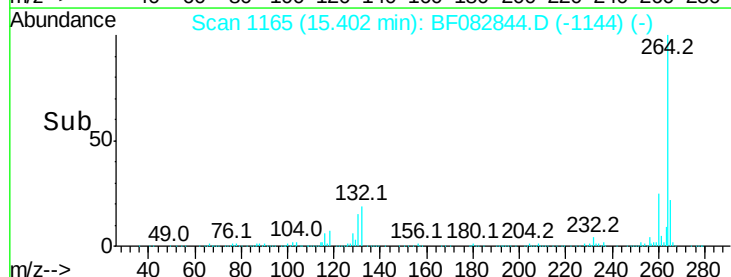
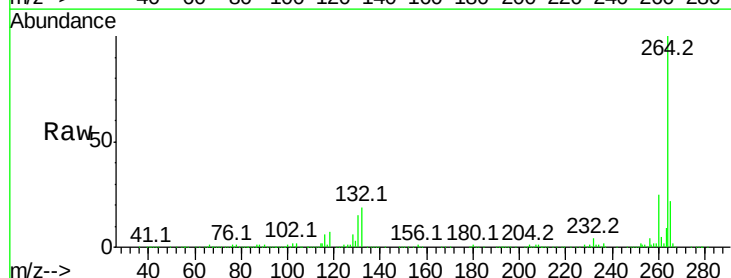
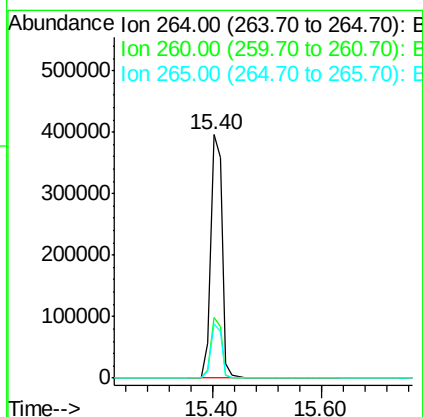
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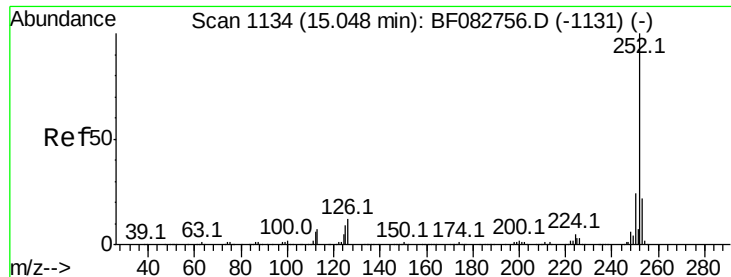
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 53.49 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion:252 Resp: 2007383

Ion Ratio Lower Upper

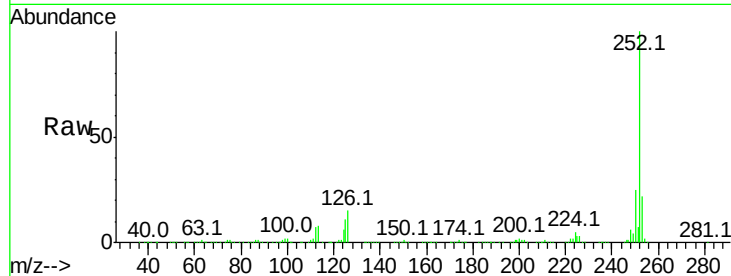
252 100

253 22.5 17.8 26.8

125 10.8 5.4 8.2#

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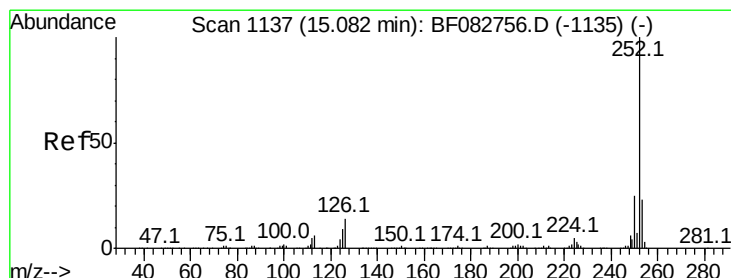
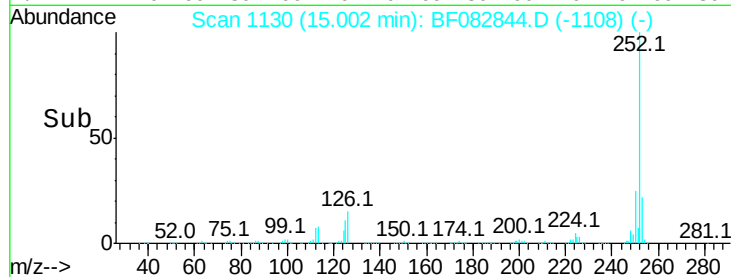
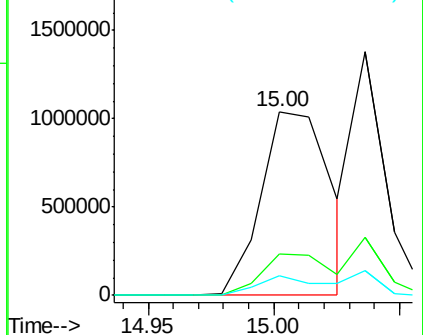
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.69 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.05 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:252 Resp: 1221512

Ion Ratio Lower Upper

252 100

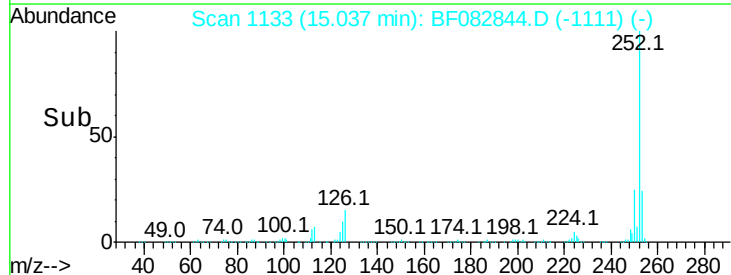
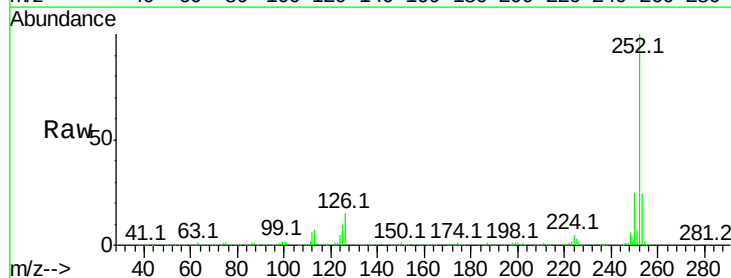
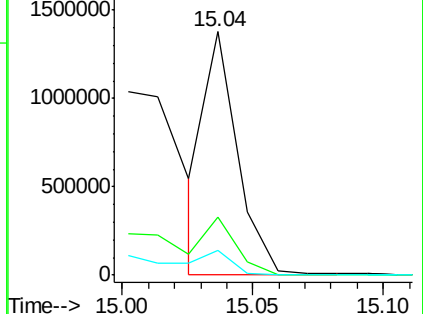
253 23.6 17.9 26.9

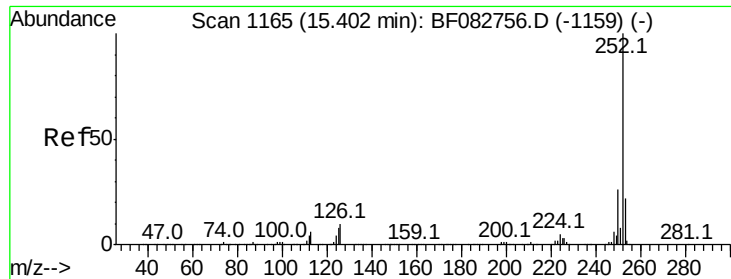
125 10.4 3.5 5.3#

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





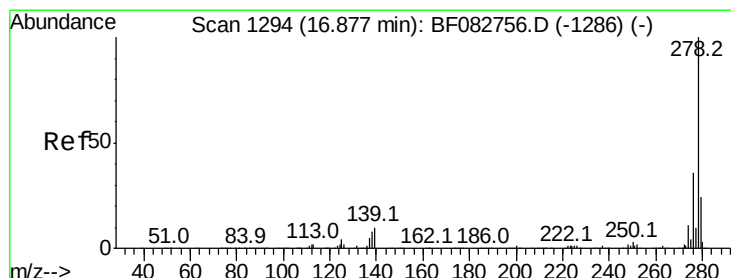
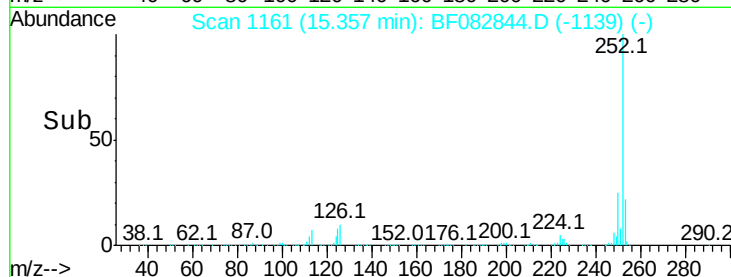
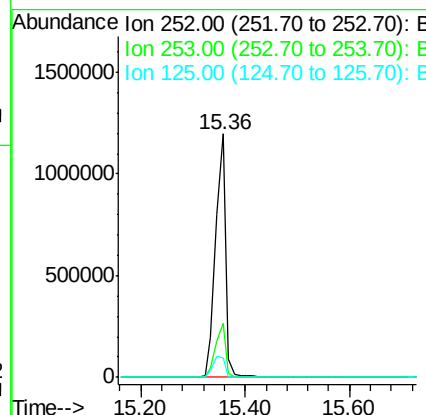
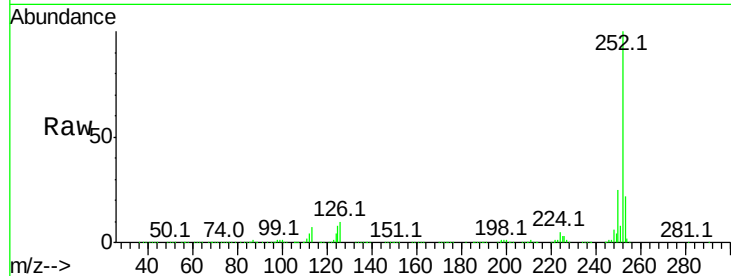
#89
Benzo(a)pyrene
Concen: 49.51 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.9	7.1	10.7

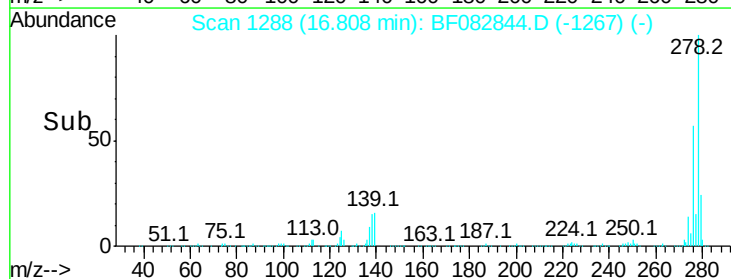
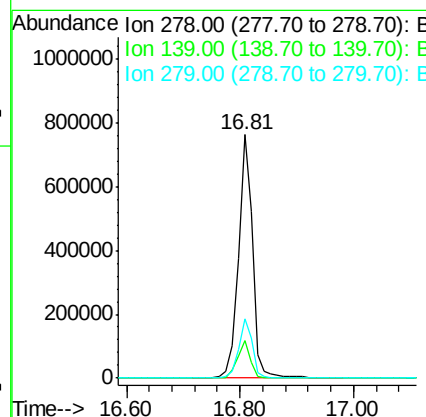
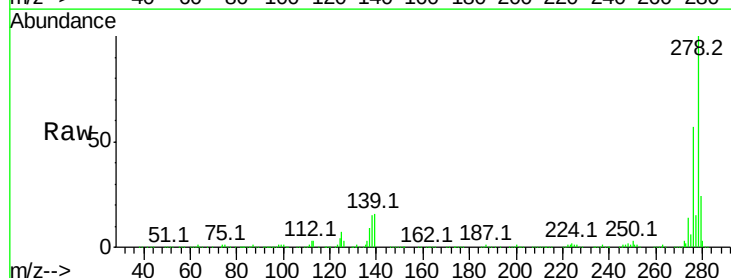
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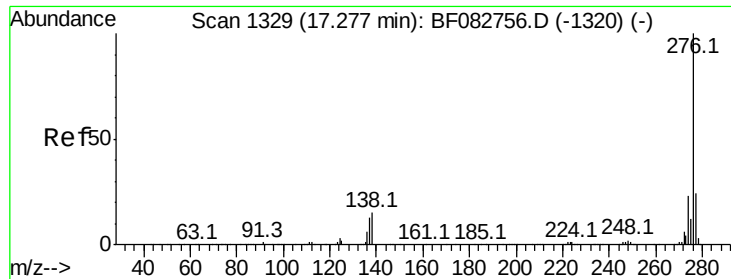
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#90
Dibenzo(a,h)anthracene
Concen: 48.34 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	9.9	14.9#
279	24.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.86 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.06 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.2	13.1	19.7

Manual Integrations
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