

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082703.D
 Acq On : 4 Nov 2015 16:17
 Operator : UM/IZ
 Sample : G4240-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Manual Integrations
 APPROVED

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 11/5/2015 2:19:42 PM

Quant Time: Nov 05 05:05:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182284	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	717082	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	391707	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	780206	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	705028	20.00	ng	-0.02
86) Perylene-d12	15.46	264	493643	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1676801	138.55	ng	0.01
7) Phenol-d6	6.51	99	2229788	138.68	ng	0.00
23) Nitrobenzene-d5	7.44	82	1572244	89.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	733408	171.08	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	2176260	78.88	ng	-0.02
78) Terphenyl-d14	12.98	244	2418326	75.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	175658	31.40	ng	94
3) Pyridine	3.25	79	550577	33.56	ng	99
4) n-Nitrosodimethylamine	3.20	42	311040	33.68	ng	92
6) Aniline	6.53	93	584099	26.09	ng	98
8) 2-Chlorophenol	6.66	128	586804	44.81	ng	98
9) Benzaldehyde	6.41	77	203461	18.54	ng	87
10) Phenol	6.52	94	902096	49.51	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	542805	40.39	ng	95
12) 1,3-Dichlorobenzene	6.81	146	628361m	42.08	ng	
13) 1,4-Dichlorobenzene	6.89	146	632691	42.72	ng	92
14) 1,2-Dichlorobenzene	7.04	146	566147	41.19	ng	95
15) Benzyl Alcohol	7.01	79	682401	45.51	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	857977	40.17	ng	96
17) 2-Methylphenol	7.13	107	495404	44.50	ng	99
18) Hexachloroethane	7.38	117	233678	40.43	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	477385	39.17	ng	91
20) 3+4-Methylphenols	7.28	107	640308	44.25	ng	# 89
22) Acetophenone	7.28	105	906763	42.95	ng	# 87
24) Nitrobenzene	7.45	77	648580	36.54	ng	# 89
25) Isophorone	7.70	82	1355966	41.97	ng	96
26) 2-Nitrophenol	7.77	139	312148	48.14	ng	# 79
27) 2,4-Dimethylphenol	7.81	122	500840	39.57	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	755471	42.75	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	516565	44.77	ng	87
30) 1,2,4-Trichlorobenzene	8.10	180	562482	43.93	ng	96
31) Naphthalene	8.18	128	1767222	45.54	ng	99
32) Benzoic acid	7.88	122	55562	6.05	ng	97
33) 4-Chloroaniline	8.22	127	300586	18.15	ng	# 83
34) Hexachlorobutadiene	8.30	225	360770	44.31	ng	98
35) Caprolactam	8.60	113	186911m	52.80	ng	
36) 4-Chloro-3-methylphenol	8.72	107	664712	48.93	ng	# 79
37) 2-Methylnaphthalene	8.86	142	1071620	42.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	535523	40.97	ng	97
40) Hexachlorocyclopentadiene	9.02	237	607043	73.87	ng	99

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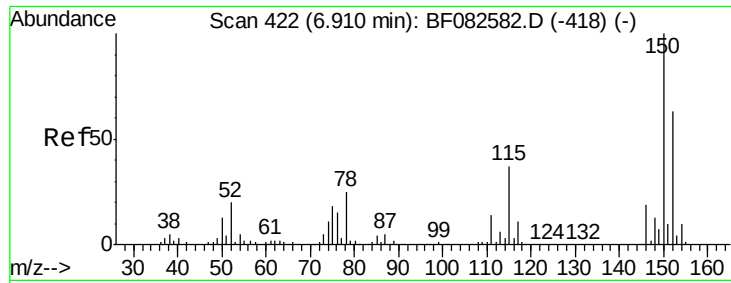
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	443956	47.04	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	420621	44.73	nq	95
45) 1,1'-Biphenyl	9.33	154	1421029	42.95	nq	97
46) 2-Chloronaphthalene	9.36	162	1129357	43.71	nq	96
47) 2-Nitroaniline	9.45	65	446042	44.41	nq	# 86
48) Acenaphthylene	9.77	152	1745880	42.25	nq	99
49) Dimethylphthalate	9.64	163	2029572	63.44	nq	100
50) 2,6-Dinitrotoluene	9.70	165	350659	52.88	nq	# 61
51) Acenaphthene	9.94	154	1210032	46.13	nq	99
52) 3-Nitroaniline	9.86	138	233082	31.60	nq	81
53) 2,4-Dinitrophenol	9.96	184	260501	74.27	nq	# 33
54) Dibenzofuran	10.12	168	1655883	46.52	nq	# 87
55) 4-Nitrophenol	10.03	139	579833	104.47	nq	88
56) 2,4-Dinitrotoluene	10.10	165	465222	51.88	nq	95
57) Fluorene	10.45	166	1261032	43.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	396061	49.83	nq	# 89
59) Diethylphthalate	10.34	149	1548196	47.54	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	673245	48.24	nq	97
61) 4-Nitroaniline	10.48	138	291884	41.46	nq	90
62) Azobenzene	10.61	77	1735041	47.24	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	281885	59.90	nq	84
65) n-Nitrosodiphenylamine	10.57	169	1082697	40.37	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	421720	47.70	nq	99
67) Hexachlorobenzene	11.01	284	453720	46.28	nq	# 59
68) Atrazine	11.10	200	481317	54.85	nq	94
69) Pentachlorophenol	11.20	266	529234	81.87	nq	98
70) Phenanthrene	11.41	178	1831735	41.62	nq	100
71) Anthracene	11.47	178	2168550	48.94	nq	100
72) Carbazole	11.62	167	1715825	44.46	nq	99
73) Di-n-butylphthalate	11.96	149	2373522	48.31	nq	99
74) Fluoranthene	12.60	202	1965108	43.68	nq	99
76) Benzidine	12.72	184	373568	11.75	nq	99
77) Pyrene	12.83	202	2054697	39.36	nq	100
79) Butylbenzylphthalate	13.46	149	971611	42.49	nq	# 70
80) Benzo(a)anthracene	14.02	228	1691790	37.78	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	348537	22.59	nq	# 96
82) Chrysene	14.05	228	1419157m	34.96	nq	
83) Bis(2-ethylhexyl)phthalate	14.02	149	1245575	42.02	nq	98
84) Di-n-octyl phthalate	14.64	149	1914600	41.41	nq	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196133	35.71	nq	99
87) Benzo(b)fluoranthene	15.06	252	1460139	42.90	nq	99
88) Benzo(k)fluoranthene	15.08	252	1238715m	47.77	nq	
89) Benzo(a)pyrene	15.41	252	1252023	46.71	nq	# 97
90) Dibenzo(a,h)anthracene	16.89	278	1010352	40.39	nq	100
91) Benzo(g,h,i)perylene	17.29	276	945957	39.02	nq	99

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



#1

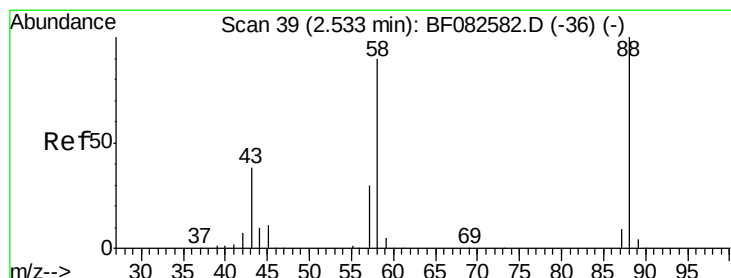
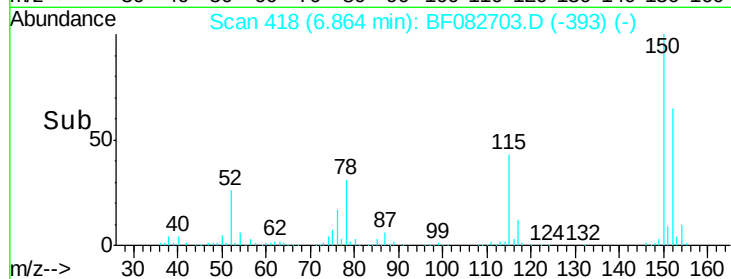
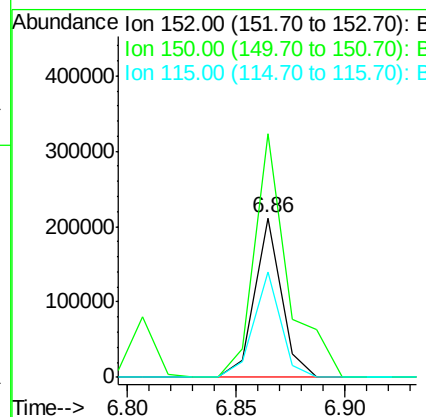
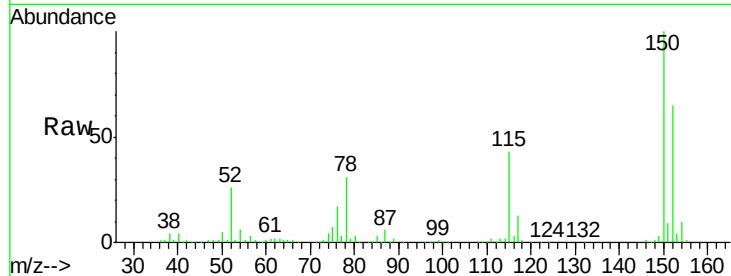
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.0	190.4
115	66.1	47.0	70.6

Manual Integrations
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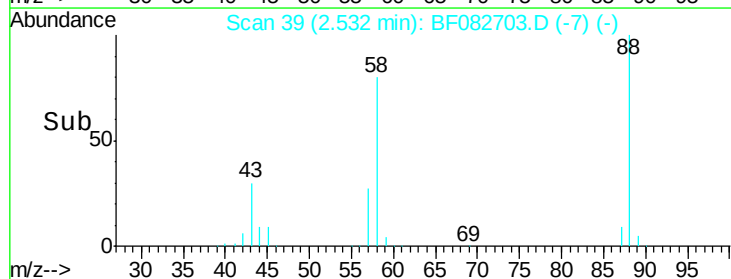
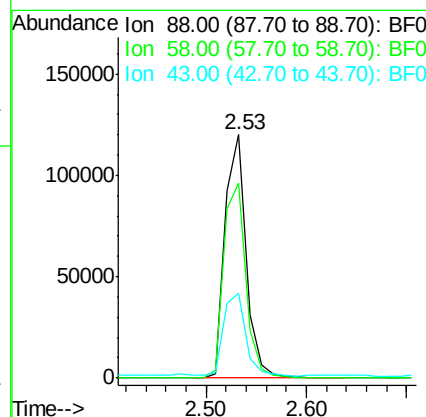
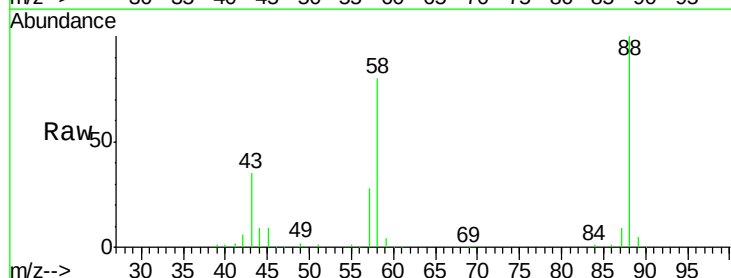
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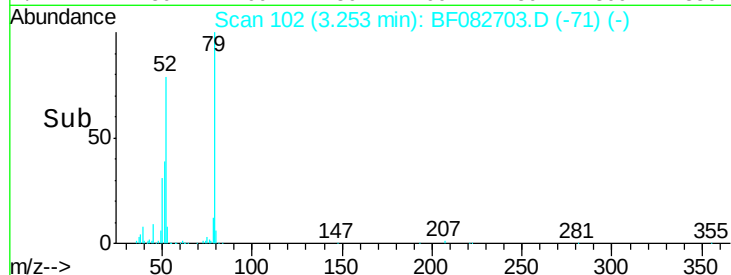
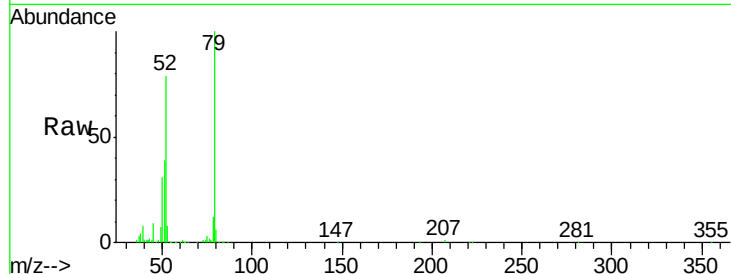
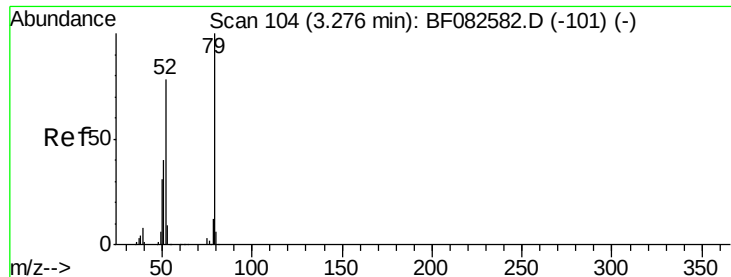


#2

1,4-Dioxane
Concen: 31.40 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	62.0	93.0
43	34.9	26.6	40.0





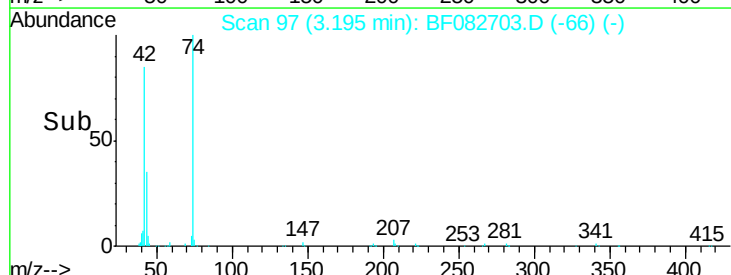
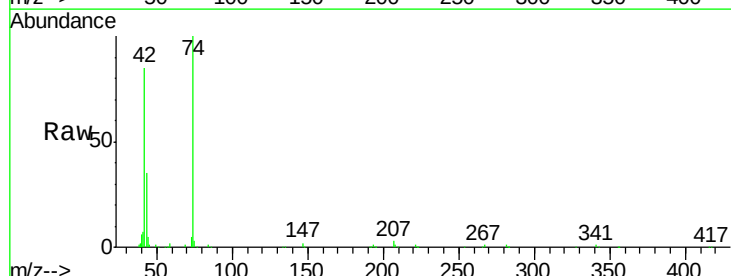
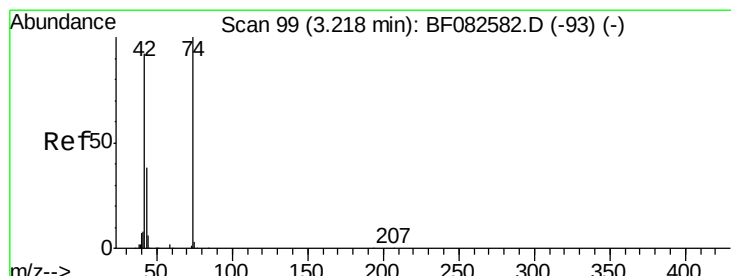
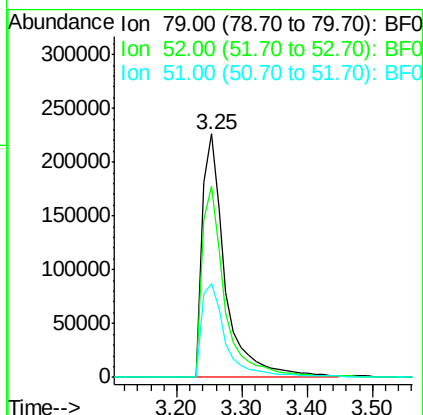
#3
 Pvridine
 Concen: 33.56 ng
 RT: 3.25 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tot Ion:	79	Resp:	550577
Ion Ratio	Lower	Upper	
79	100		
52	78.7	62.8	94.2
51	38.6	32.0	48.0

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

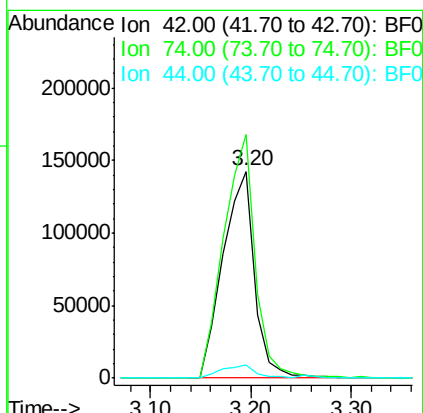
Manual Integrations
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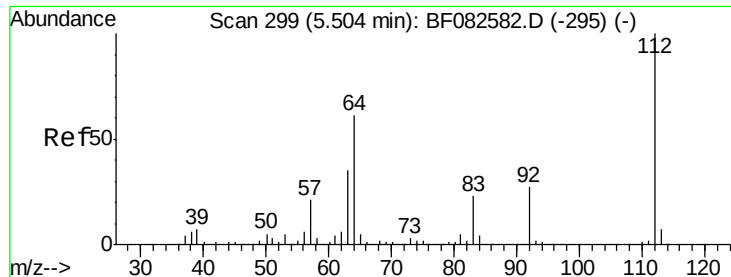
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#4
 n-Nitrosodimethylamine
 Concen: 33.68 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.06 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:	42	Resp:	311040
Ion Ratio	Lower	Upper	
42	100		
74	117.6	87.0	130.4
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 138.55 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082703.D

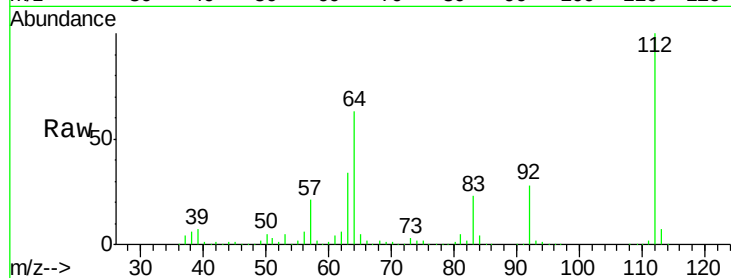
Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

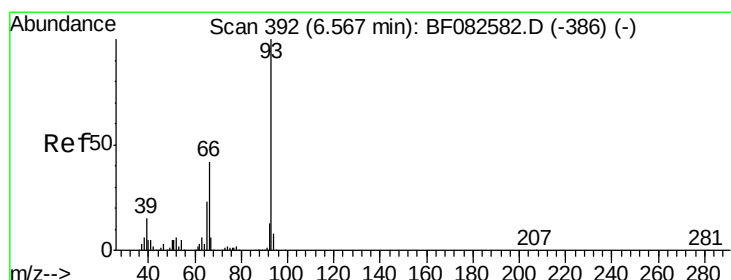
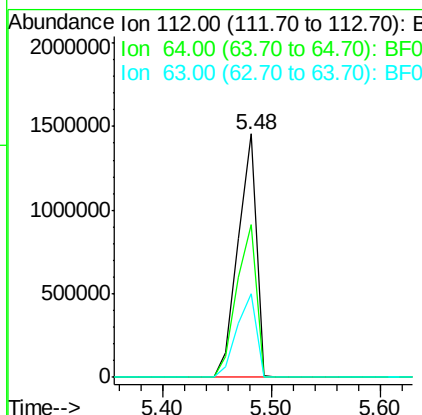
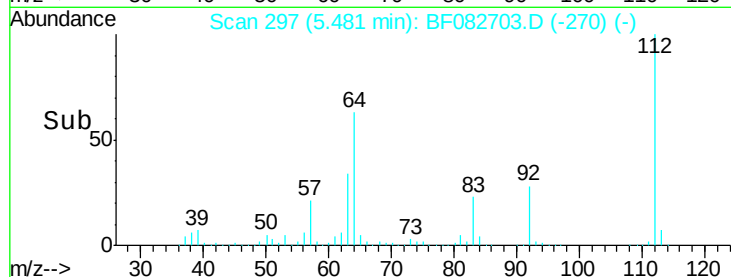
SB-07(4-6)MSD



Tot Ion	Ratio	Lower	Upper
112	100		
64	62.9	48.9	73.3
63	34.4	28.1	42.1

Manual Integrations
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#6

Aniline

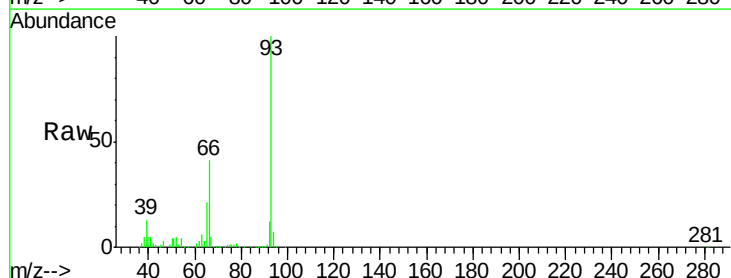
Concen: 26.09 ng

RT: 6.53 min Scan# 389

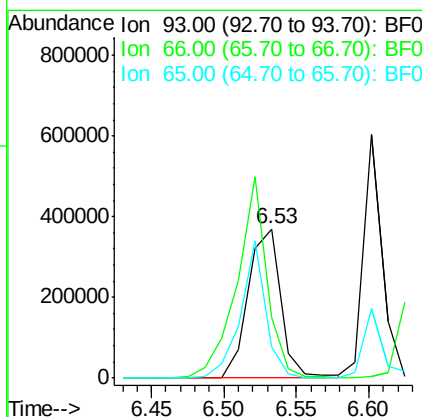
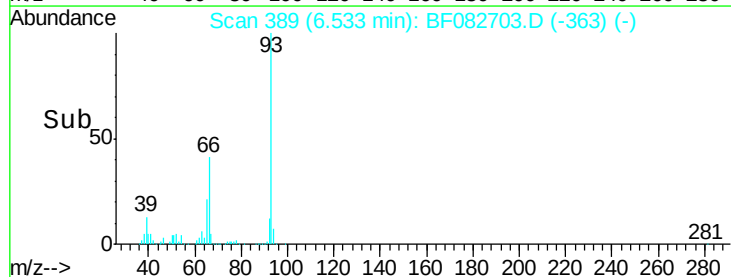
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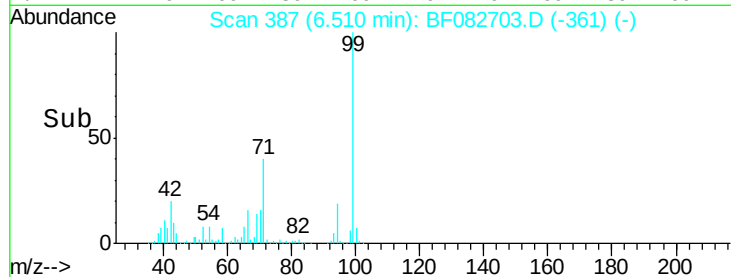
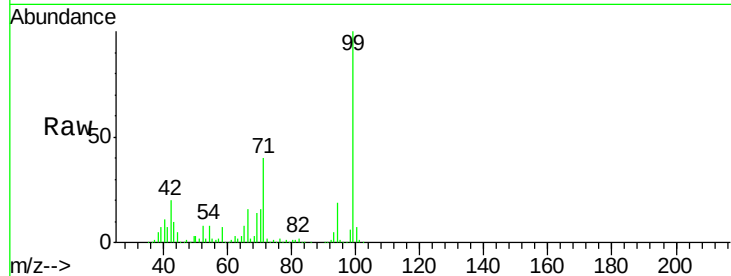
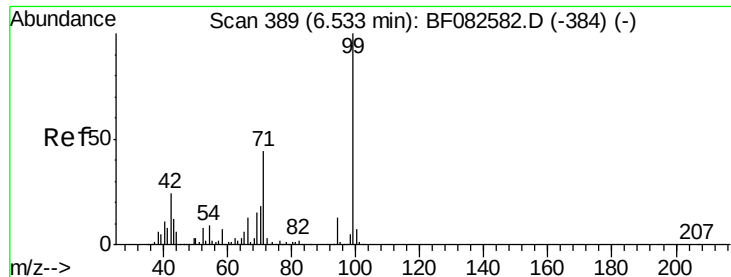
Lab File: BF082703.D

Acq: 4 Nov 2015 16:17



Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.6	50.4
65	21.0	18.1	27.1





#7

Phenol-d6

Concen: 138.68 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tot Ion:	99	Resp:	2229788
Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	39.5	35.0	52.4

Instrument :

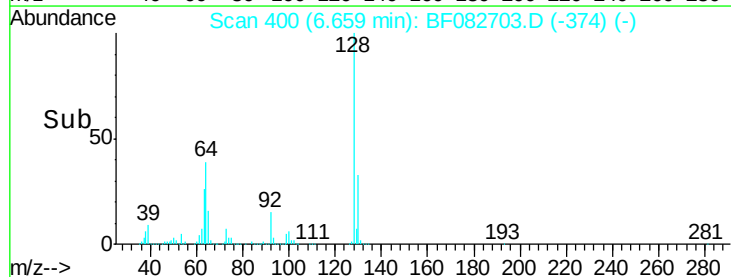
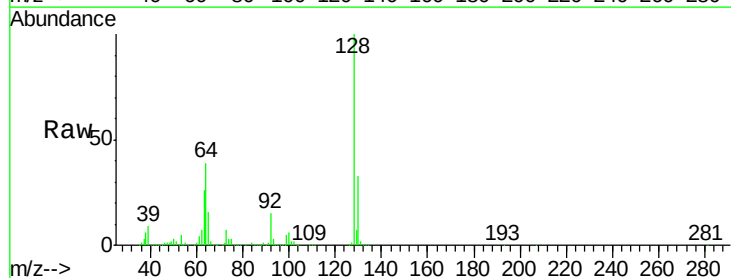
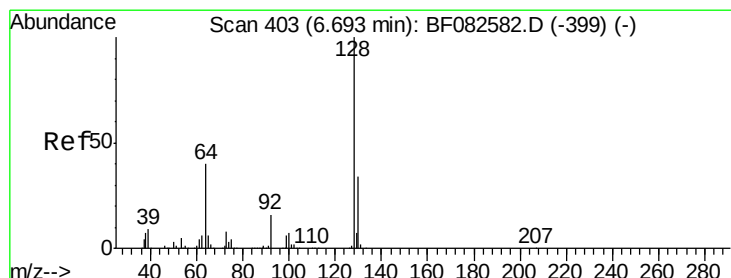
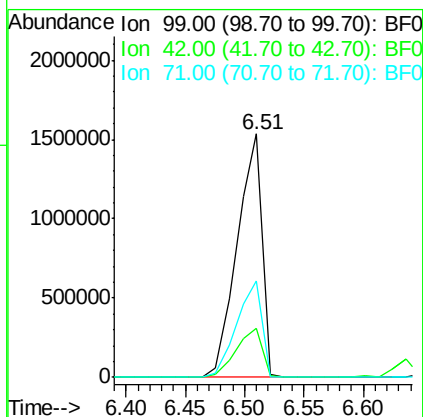
BNA_F

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#8

2-Chlorophenol

Concen: 44.81 ng

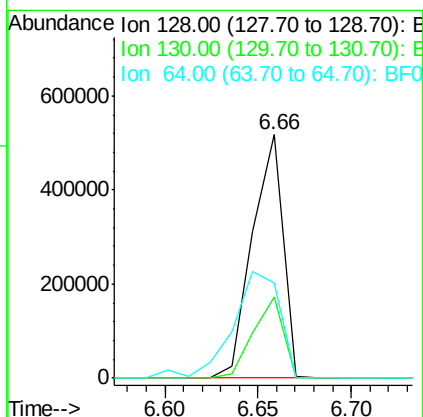
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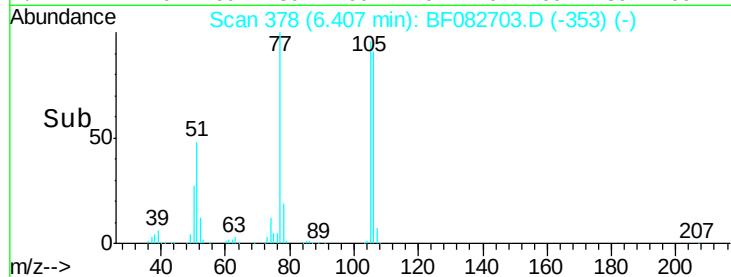
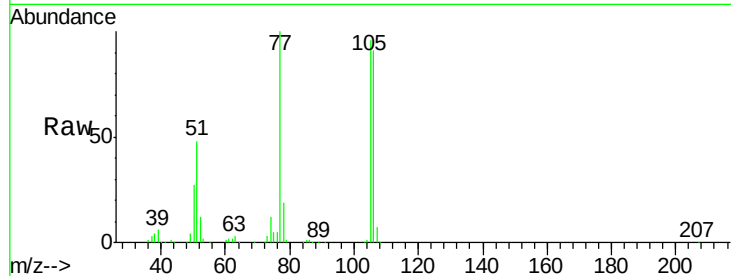
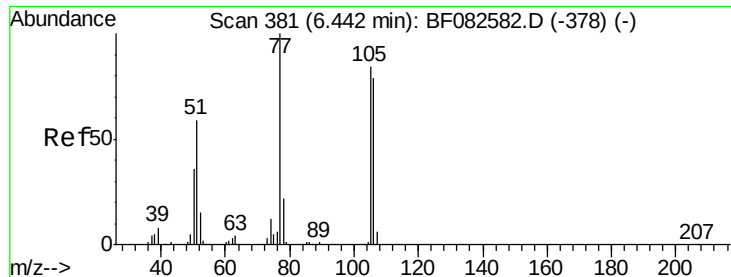
Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	128	Resp:	586804
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.5	53.5
64	39.0	21.1	61.1





#9

Benzaldehyde

Concen: 18.54 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tot Ion:	77	Resp:	203461
Ion Ratio	Lower	Upper	
77	100		
105	95.7	63.5	103.5
106	90.8	59.3	99.3

Instrument :

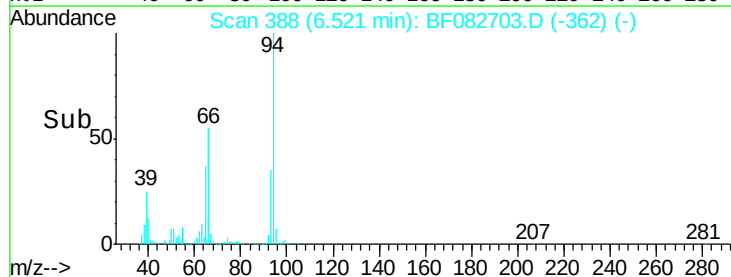
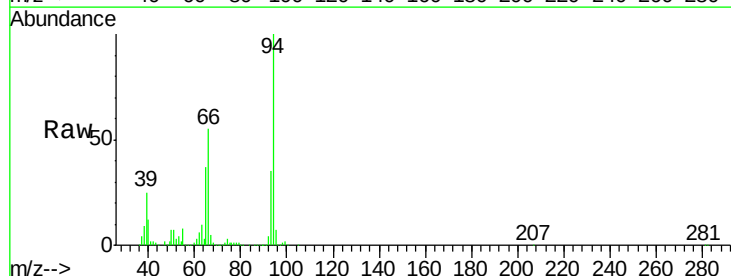
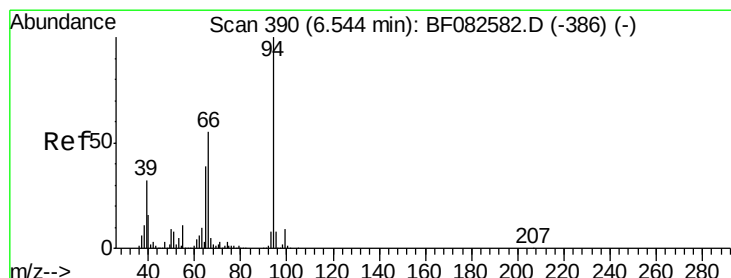
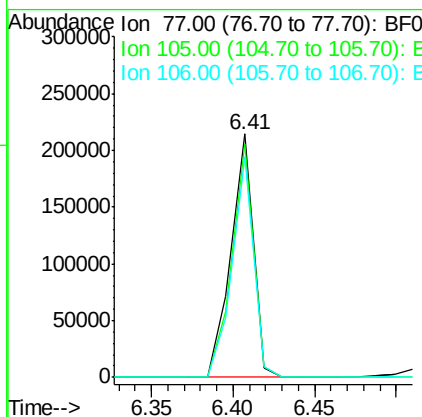
BNA_F

ClientSampleId :

SB-07(4-6)MSD

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#10

Phenol

Concen: 49.51 ng

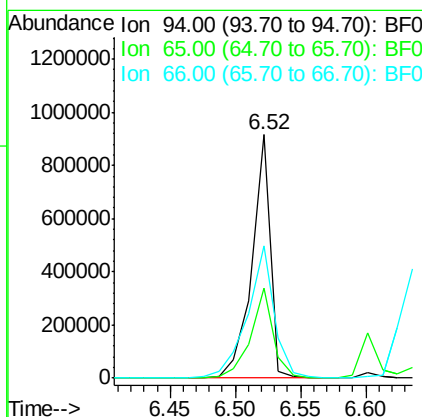
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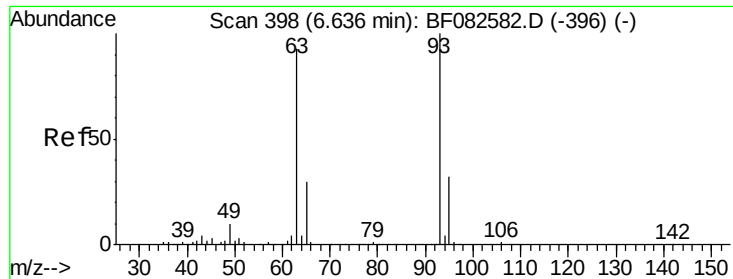
Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	94	Resp:	902096
Ion Ratio	Lower	Upper	
94	100		
65	37.2	18.9	58.9
66	54.6	34.9	74.9





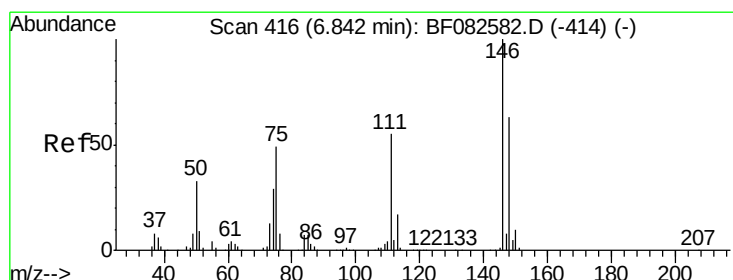
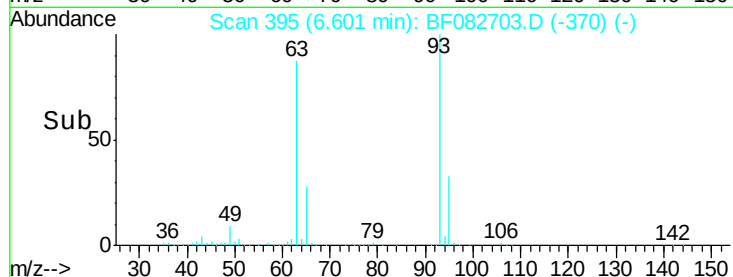
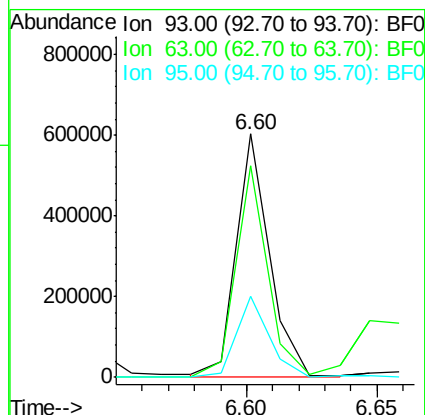
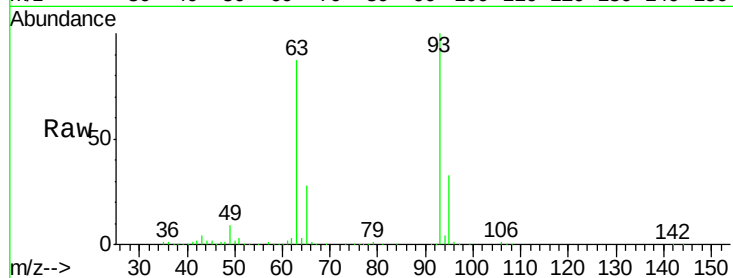
#11
bis(2-Chloroethyl)ether
Concen: 40.39 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	72.7	112.7
95	33.4	12.0	52.0

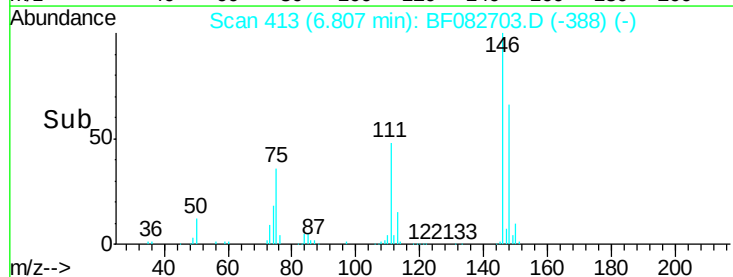
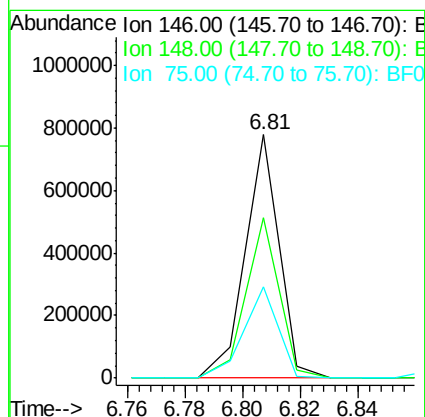
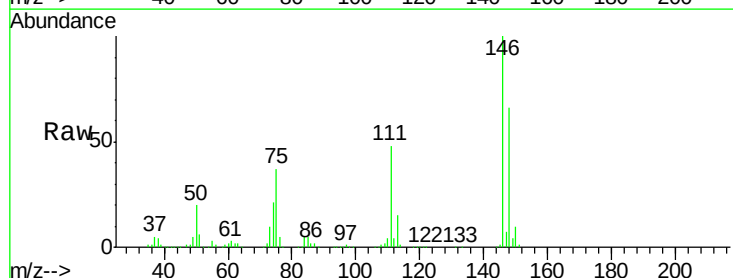
Manual Integrations
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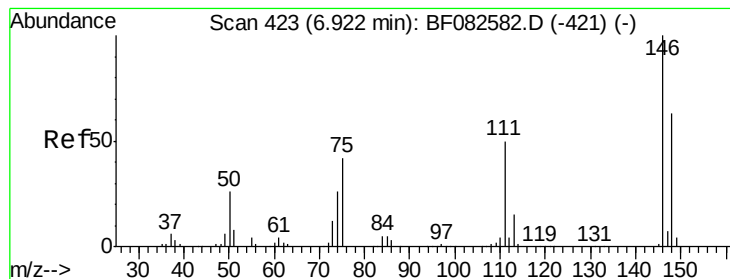
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 42.08 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.5	75.7
75	37.5	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 42.72 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

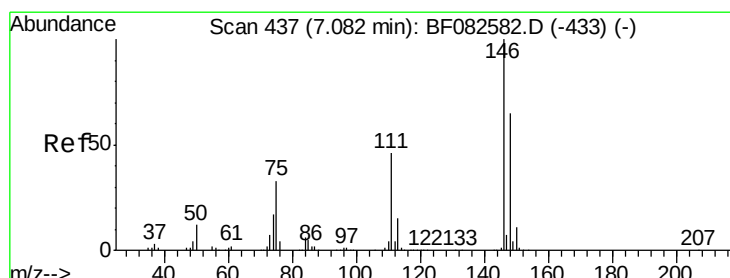
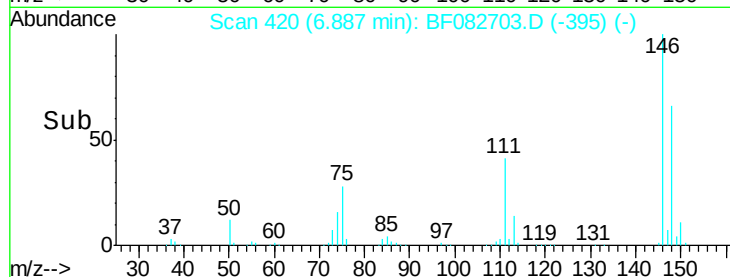
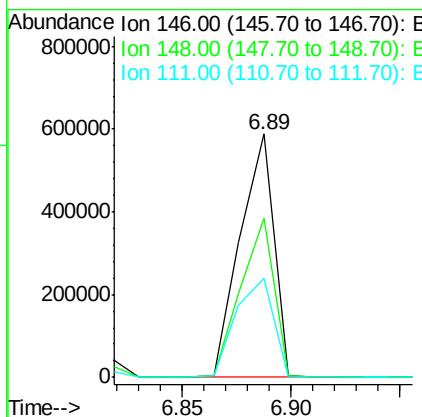
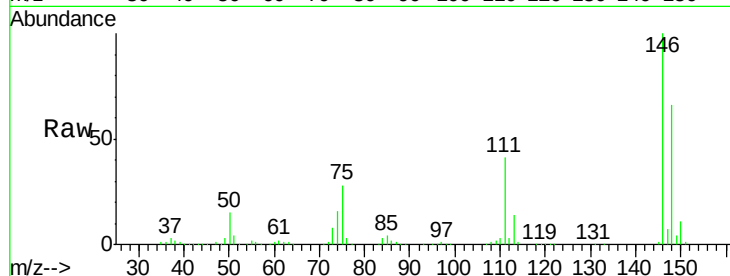
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	146	Resp:	632691
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.8	76.2
111	40.6	40.6	60.8

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#14

1,2-Dichlorobenzene

Concen: 41.19 ng

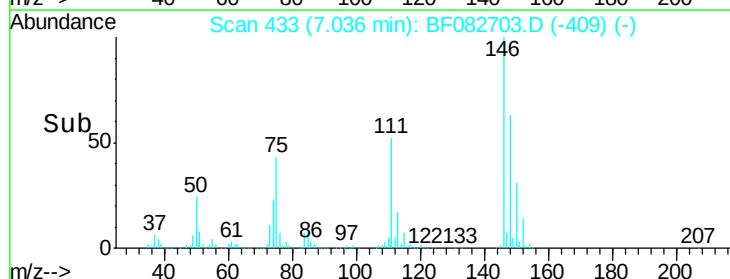
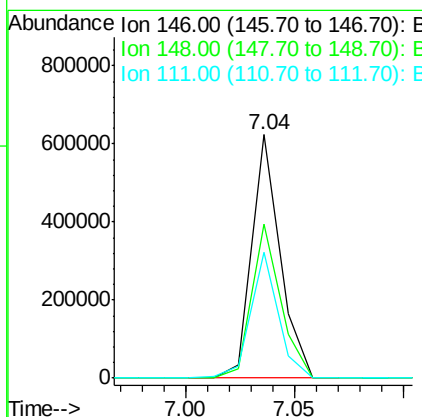
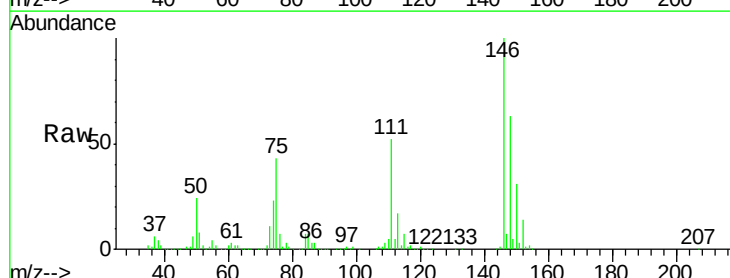
RT: 7.04 min Scan# 433

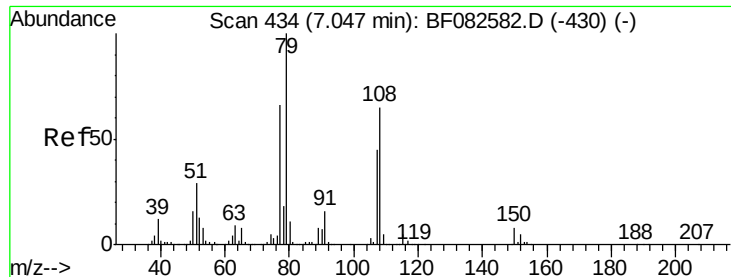
Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	146	Resp:	566147
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.4
111	51.8	36.6	55.0





#15

Benzyl Alcohol

Concen: 45.51 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

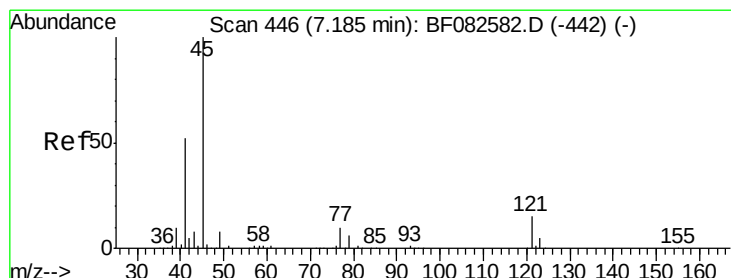
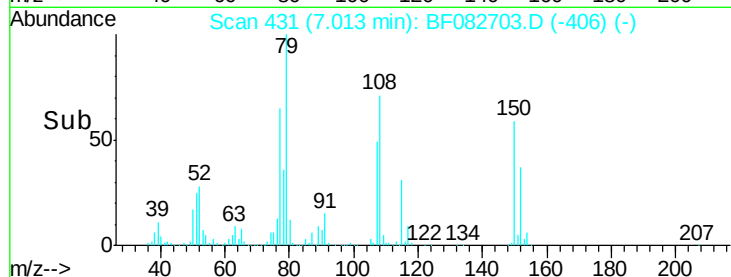
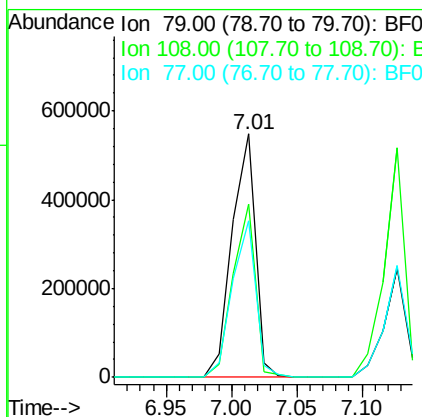
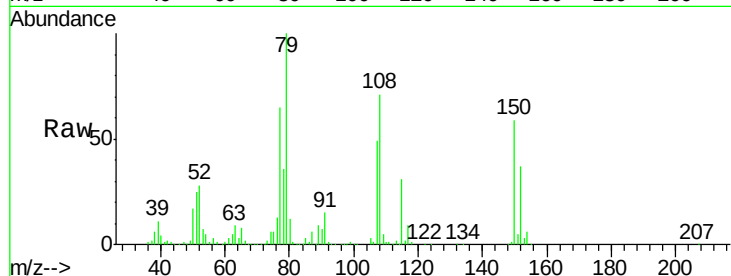
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	79	Resp:	682401
Ion Ratio	Lower	Upper	
79	100		
108	71.2	52.2	78.4
77	64.6	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.17 ng

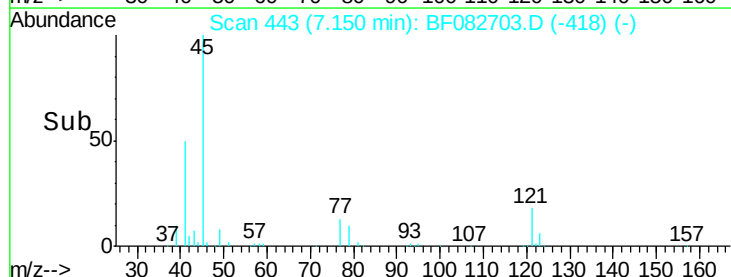
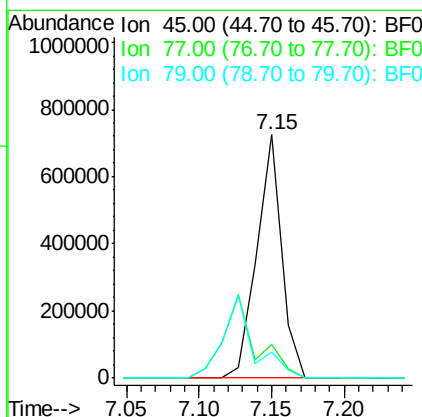
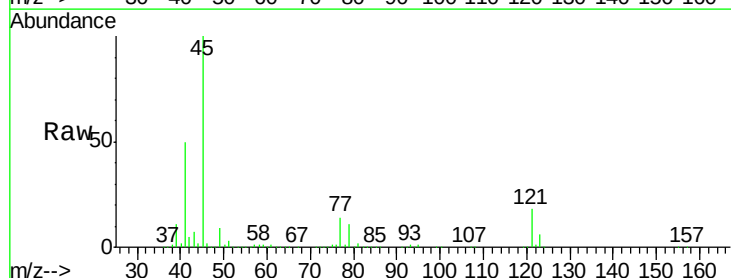
RT: 7.15 min Scan# 443

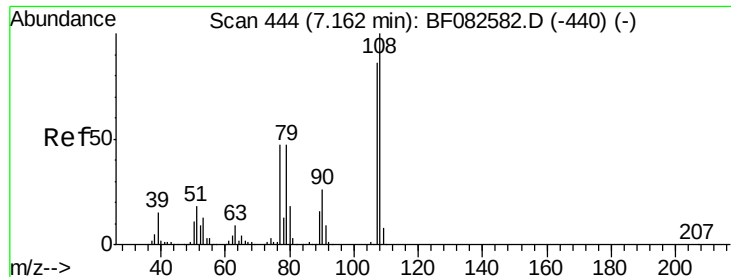
Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	45	Resp:	857977
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	32.6
79	10.9	0.0	29.2





#17

2-Methylphenol

Concen: 44.50 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

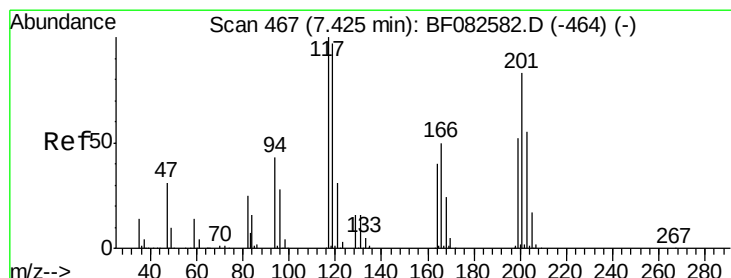
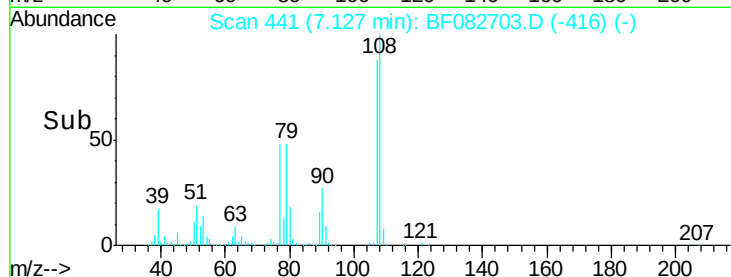
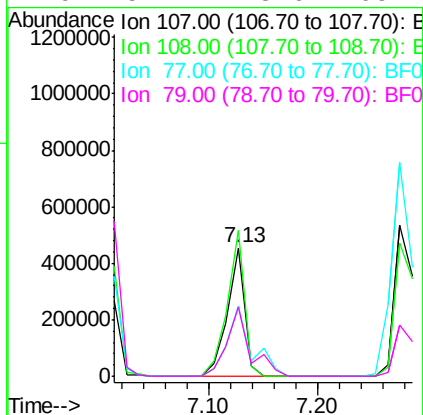
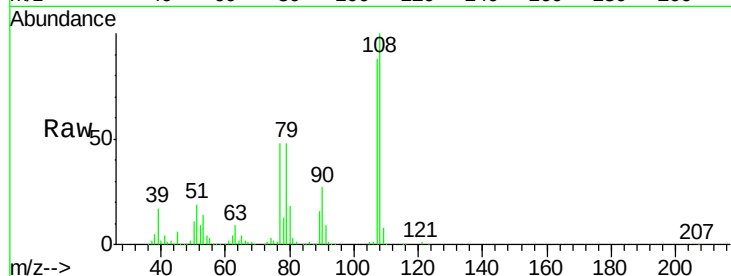
ClientSampleId :

SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	495404		
108	114.0	93.0	139.4	
77	55.1	44.1	66.1	
79	54.4	43.6	65.4	

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#18

Hexachloroethane

Concen: 40.43 ng

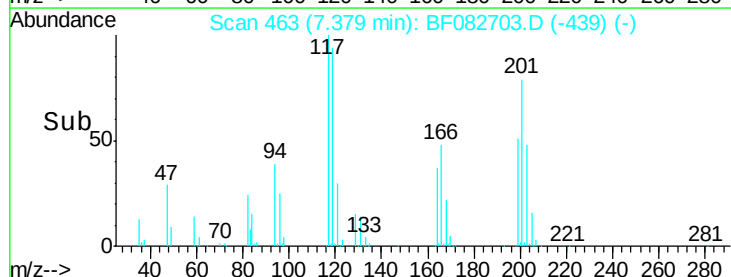
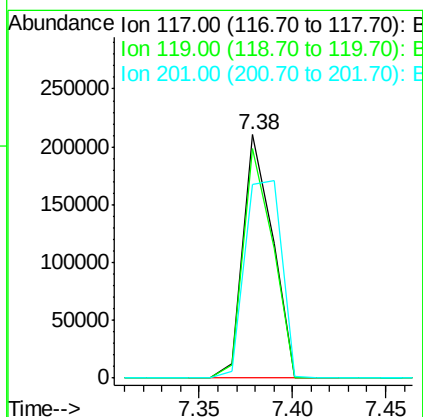
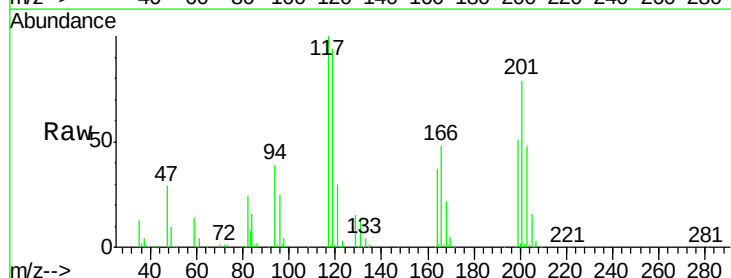
RT: 7.38 min Scan# 463

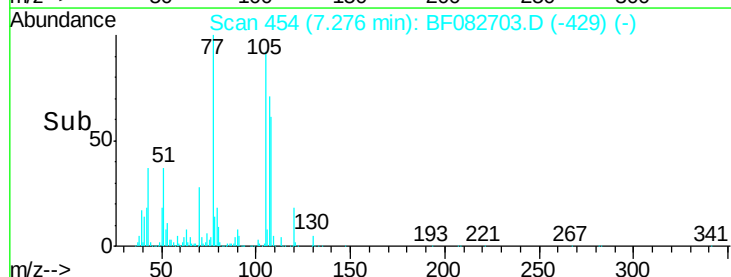
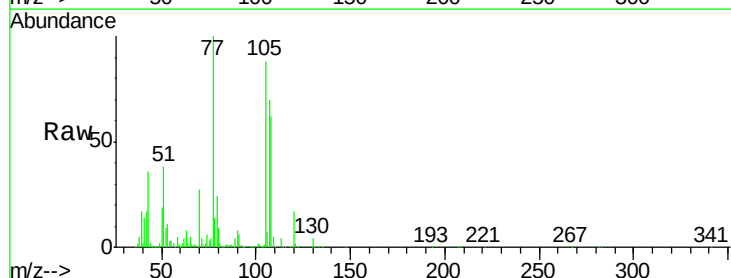
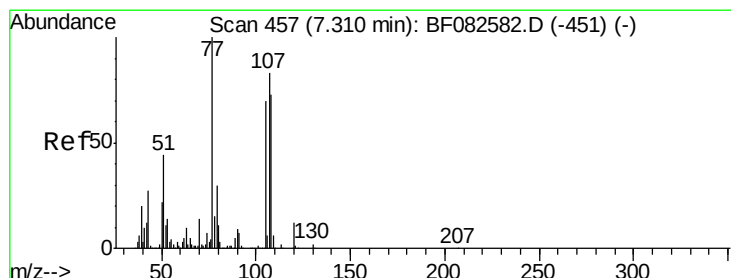
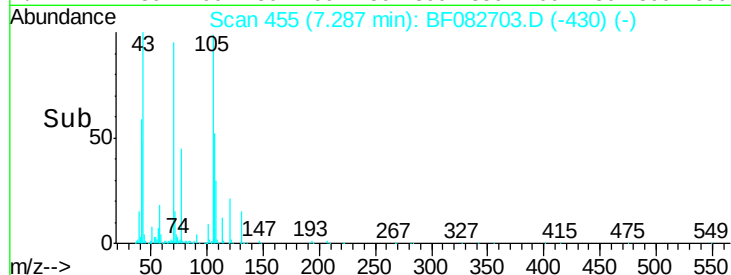
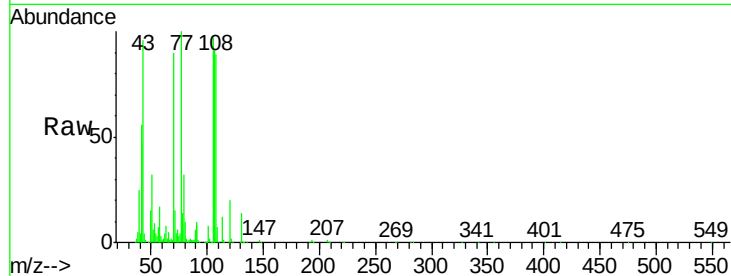
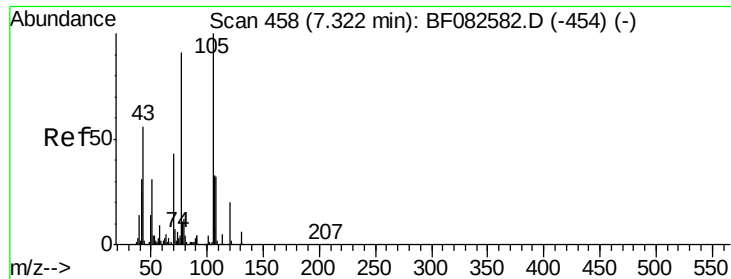
Delta R.T. -0.02 min

Lab File: BF082703.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100	233678		
119	94.1	77.7	116.5	
201	79.4	66.7	100.1	





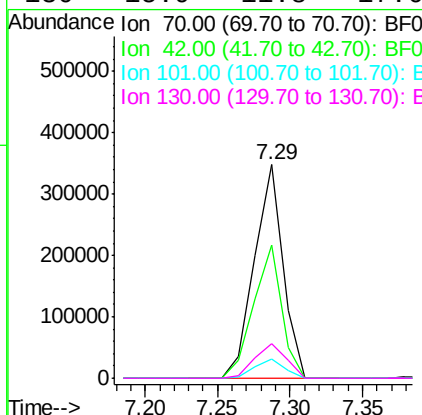
#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	57.7	86.5
101	9.2	7.0	10.6
130	15.9	11.8	17.6

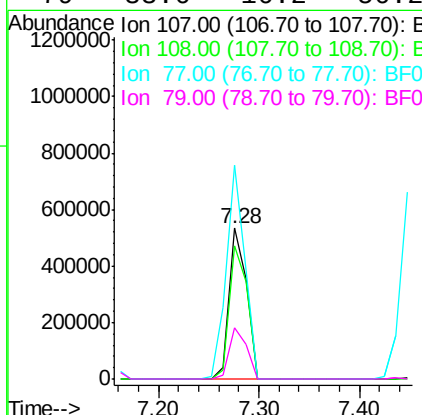
Manual Integrations
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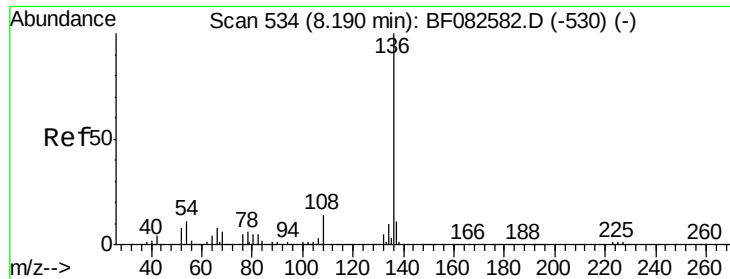
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#20
3+4-Methylphenols
Concen: 44.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.3	107.3
77	141.9	100.3	140.3#
79	33.6	16.2	56.2





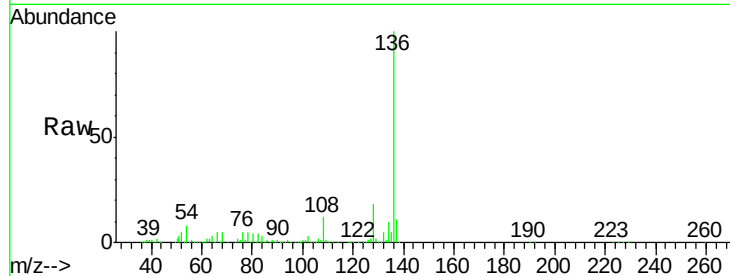
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

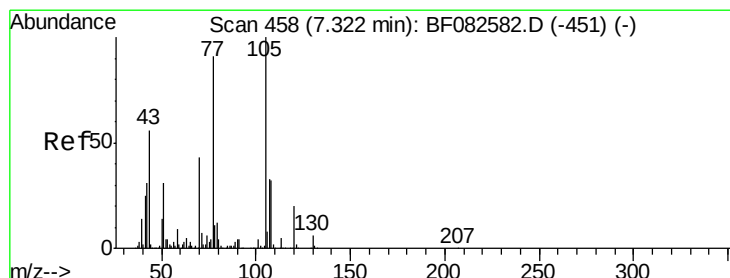
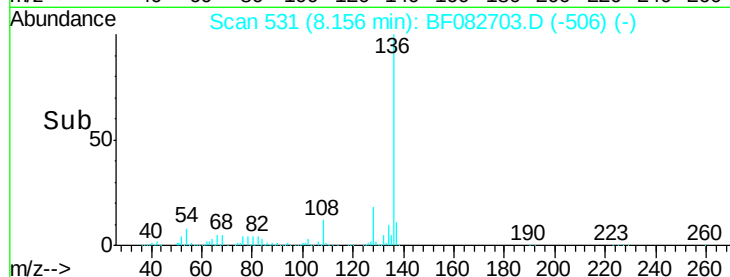
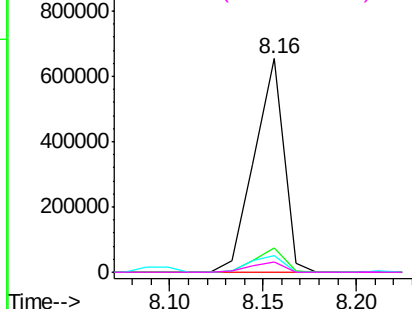
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.6	9.1	13.7#	
68	4.5	4.8	7.2#	

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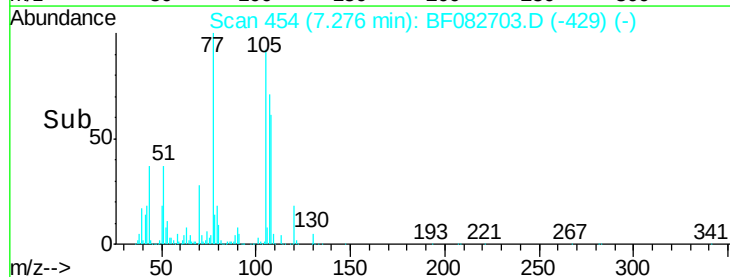
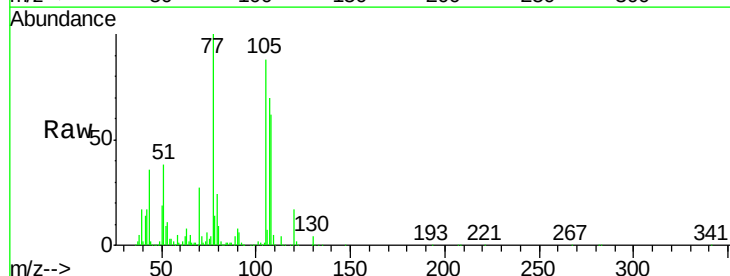
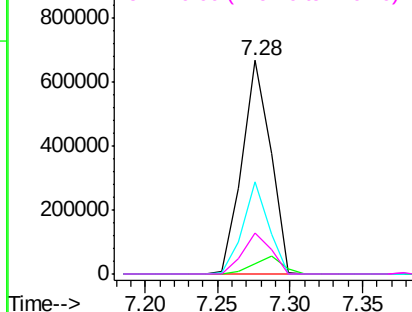
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

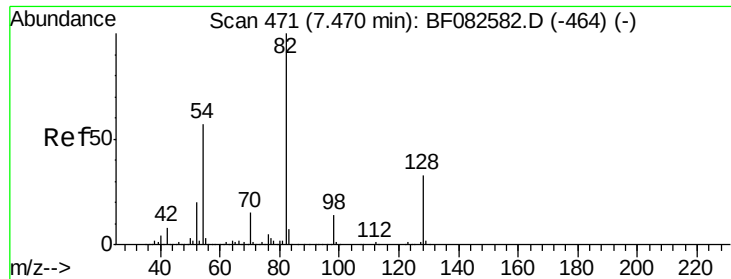


#22
Acetophenone
Concen: 42.95 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	5.6	8.4#	
51	42.9	24.9	37.3#	
120	19.3	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





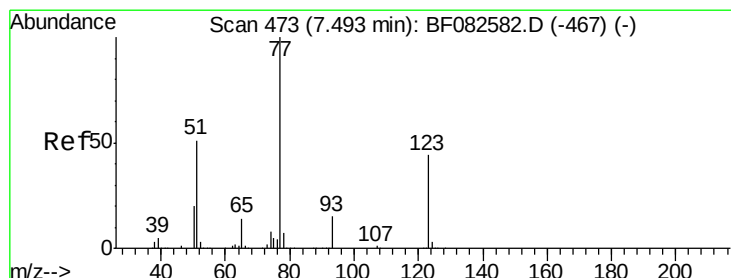
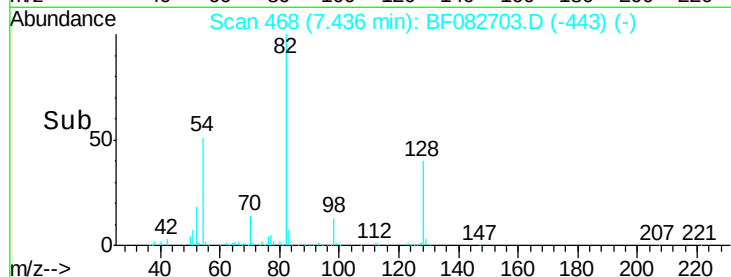
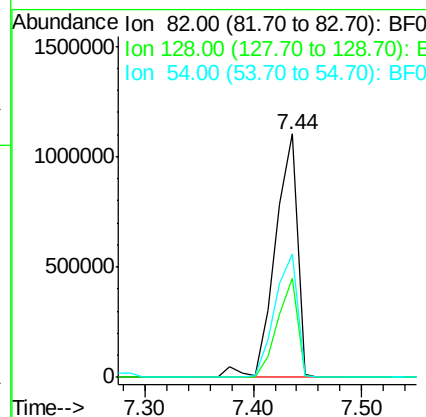
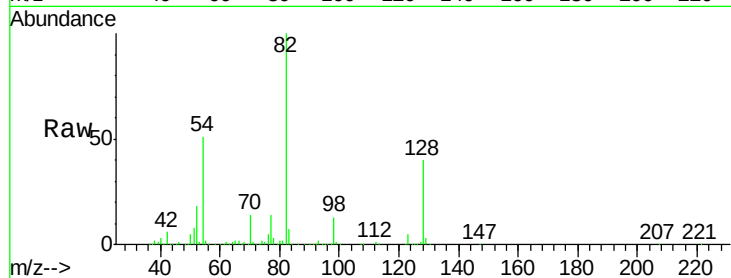
#23
Nitrobenzene-d5
Concen: 89.53 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	26.8	40.2#
54	50.9	45.7	68.5

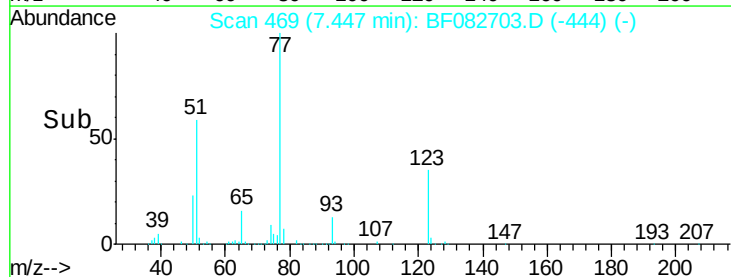
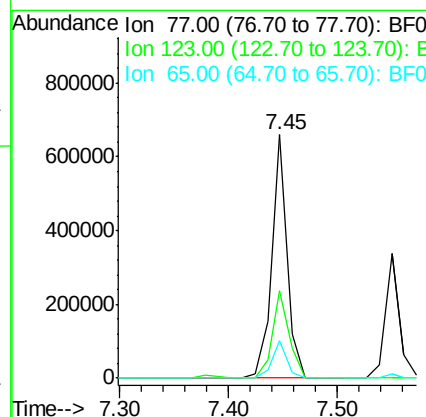
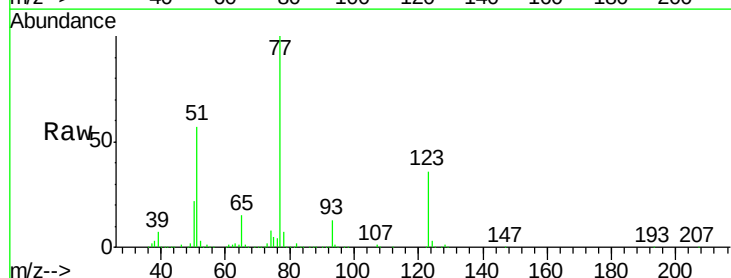
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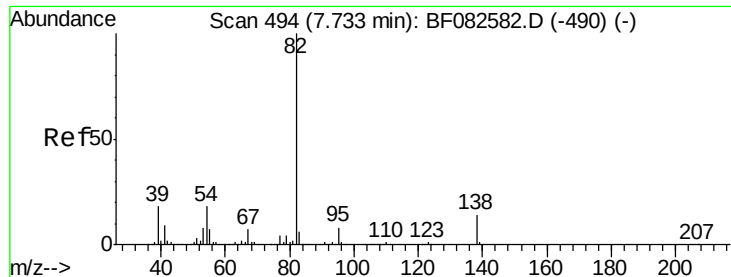
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#24
Nitrobenzene
Concen: 36.54 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	36.4	54.6#
65	15.2	11.5	17.3





#25

Isophorone

Concen: 41.97 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion: 82 Resp: 1355966

Ion Ratio Lower Upper

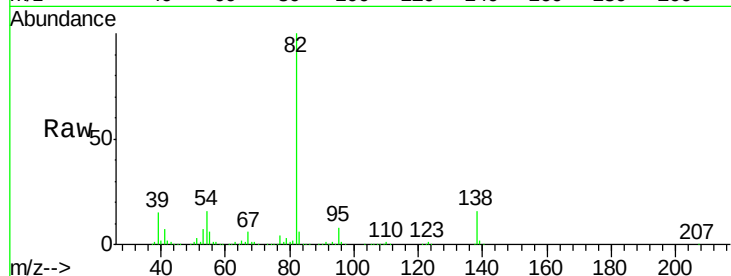
82 100

95 8.1 6.6 9.8

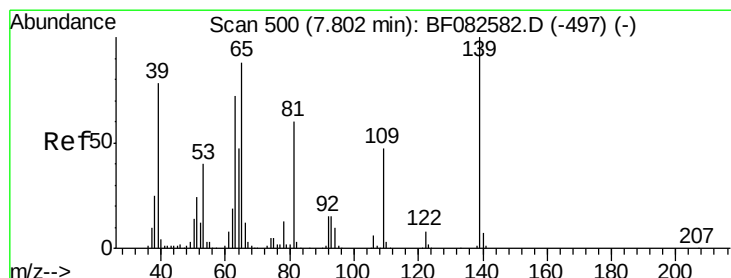
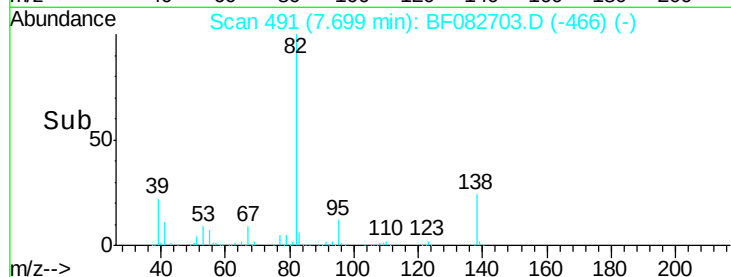
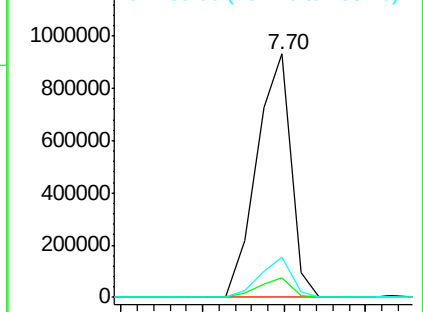
138 16.4 11.4 17.0

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



#26

2-Nitrophenol

Concen: 48.14 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

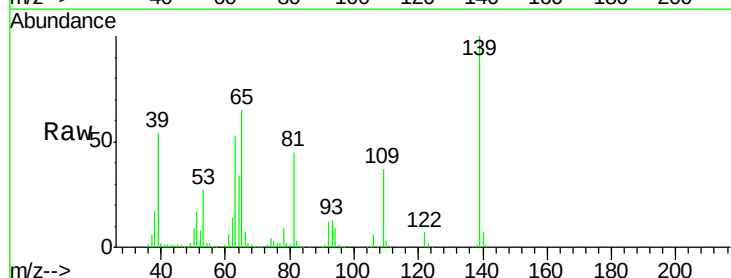
Tgt Ion: 139 Resp: 312148

Ion Ratio Lower Upper

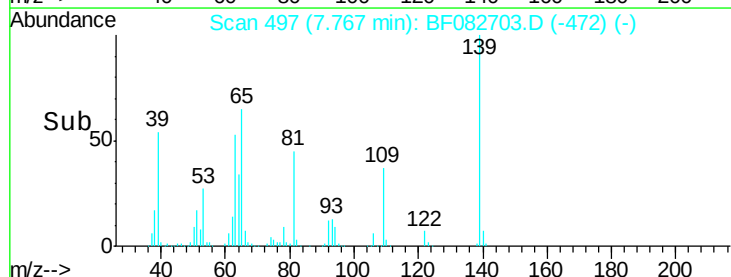
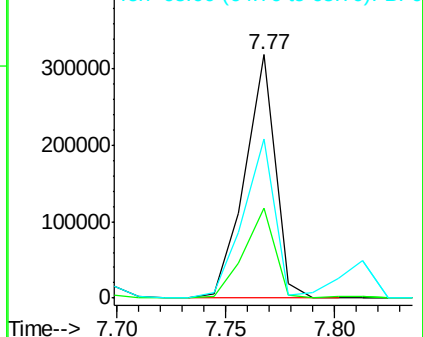
139 100

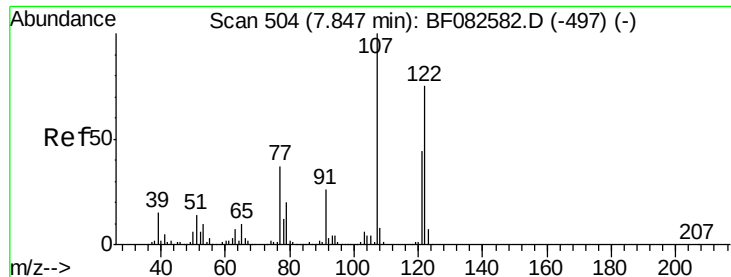
109 36.8 37.6 56.4#

65 65.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 39.57 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

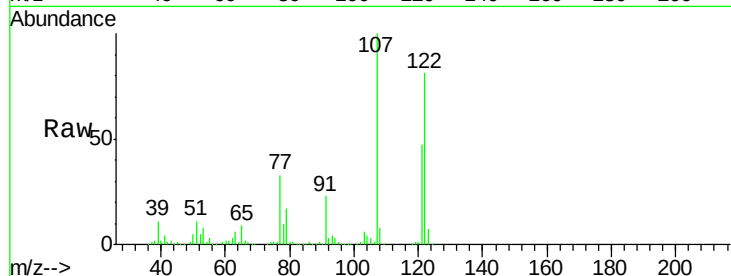
ClientSampleId :

SB-07(4-6)MSD

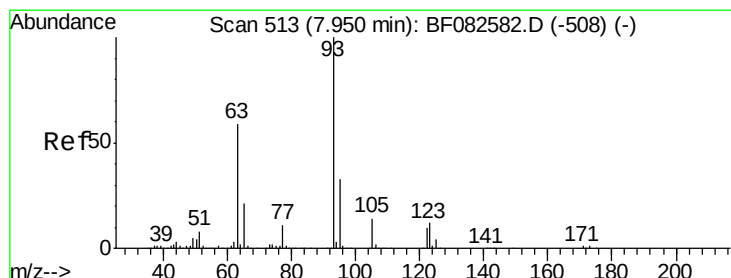
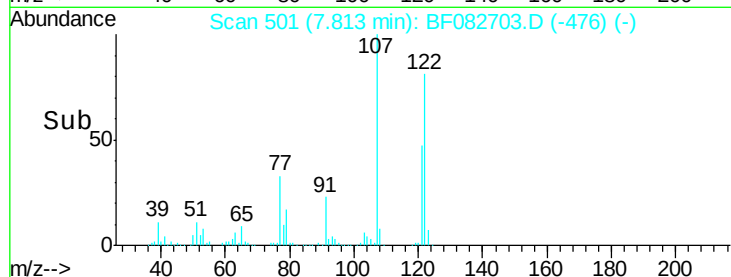
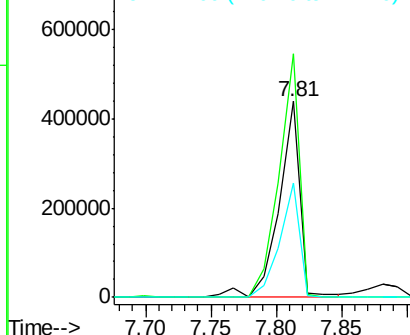
Tot Ion:	122	Resp:	500840
Ion Ratio	Lower	Upper	
122	100		
107	124.1	106.0	159.0
121	58.4	46.7	70.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.75 ng

RT: 7.90 min Scan# 509

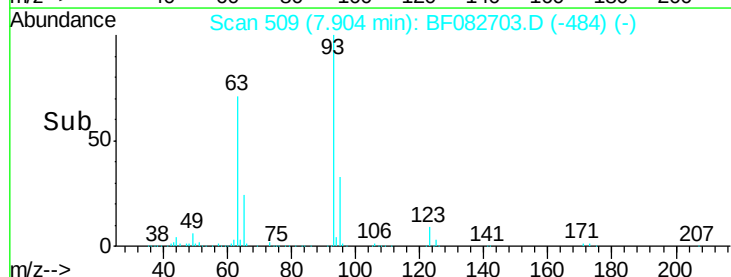
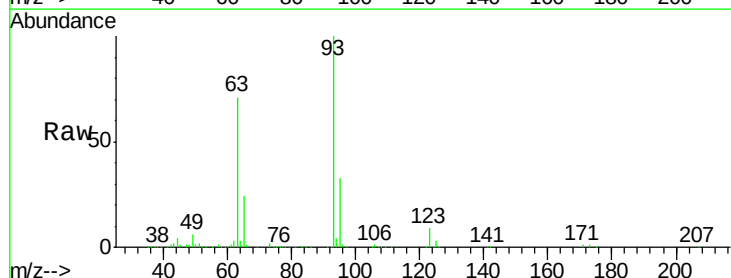
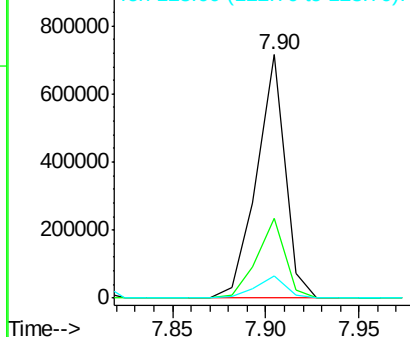
Delta R.T. -0.01 min

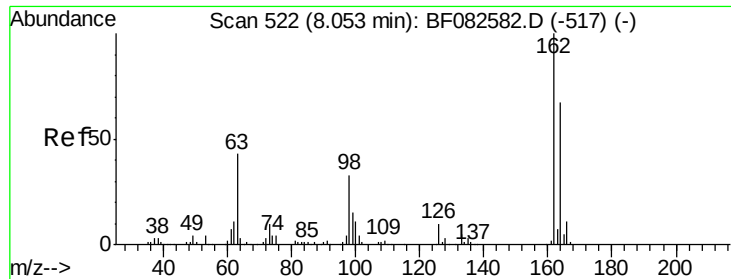
Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	93	Resp:	755471
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	40.0
123	9.1	9.7	14.5#

Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.77 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

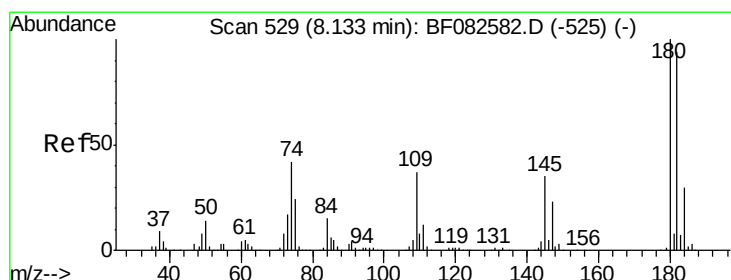
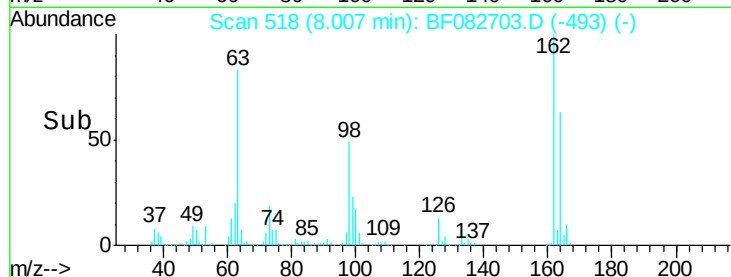
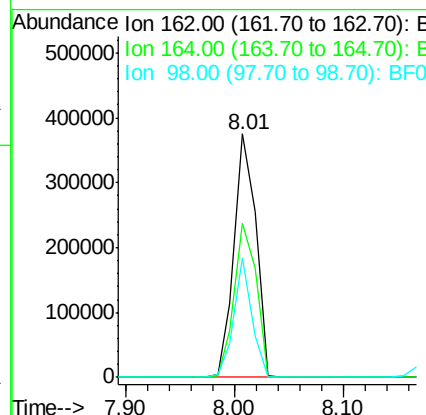
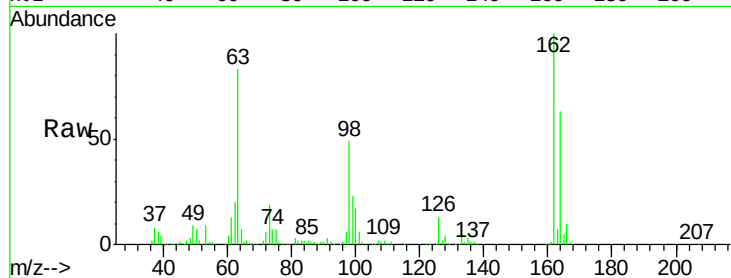
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	162	Resp:	516565
Ion Ratio	Lower	Upper	
162	100		
164	63.5	46.8	86.8
98	49.3	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 43.93 ng

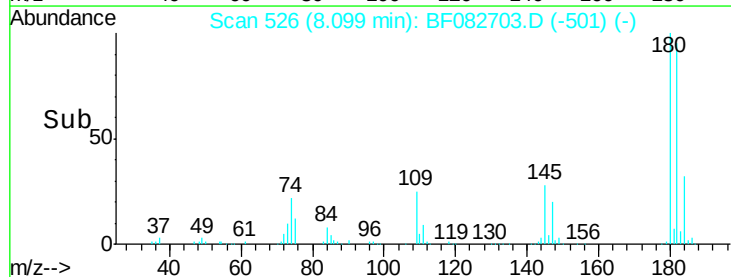
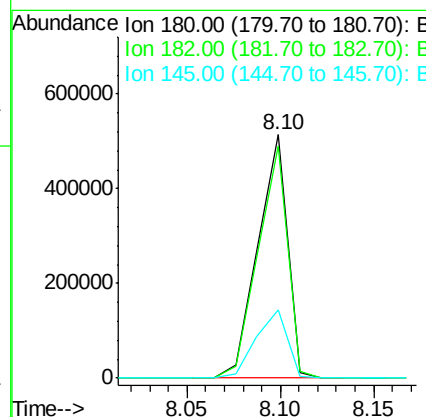
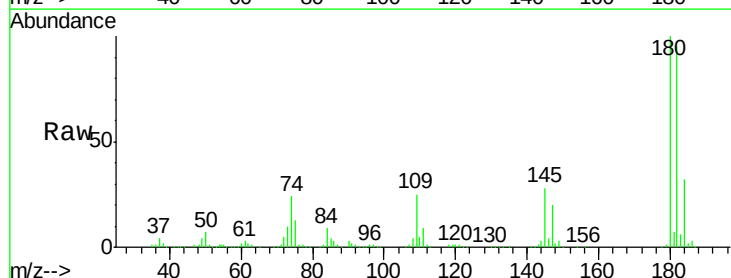
RT: 8.10 min Scan# 526

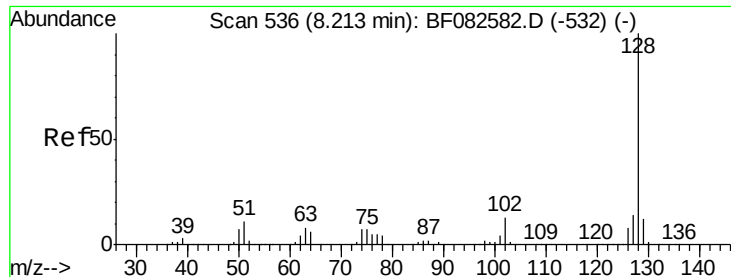
Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	180	Resp:	562482
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.9	112.3
145	28.3	27.8	41.8





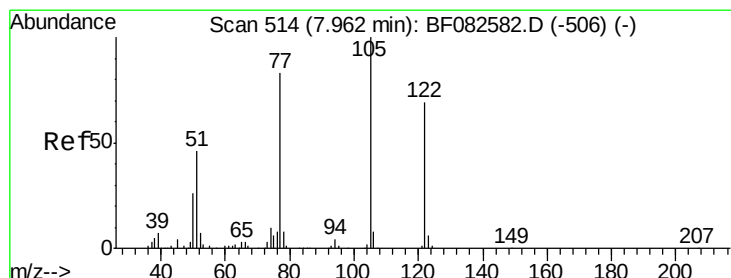
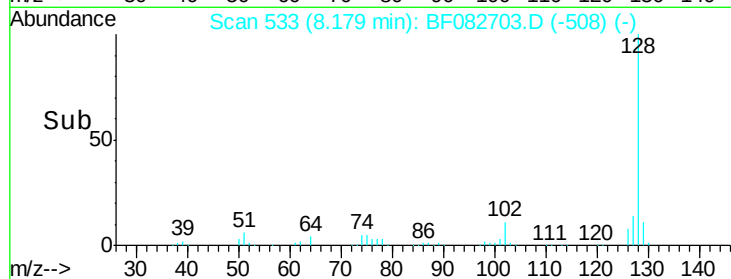
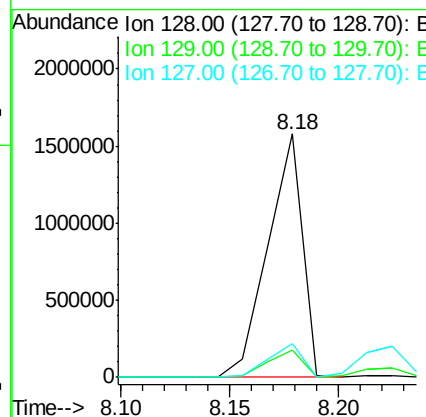
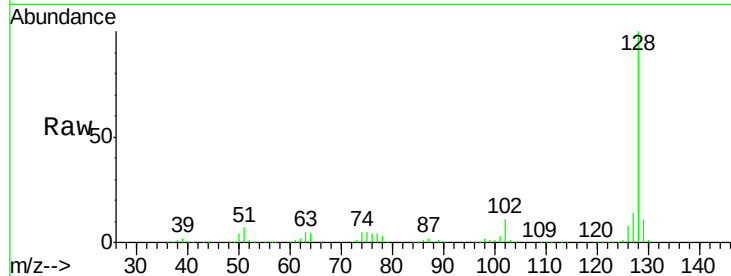
#31
Naphthalene
Concen: 45.54 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion:128 Resp: 1767222
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 14.0 11.4 17.0

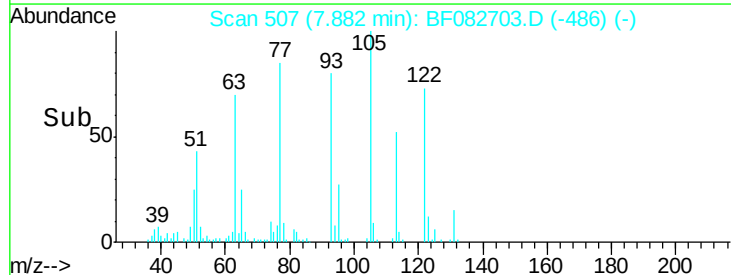
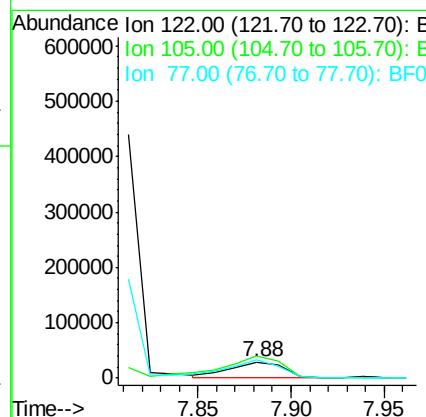
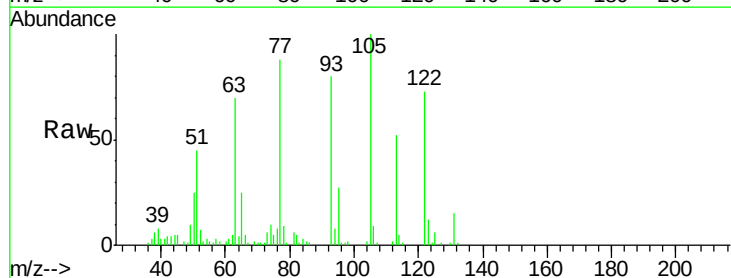
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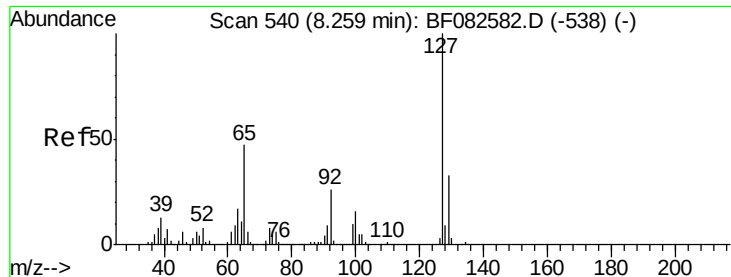
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#32
Benzoic acid
Concen: 6.05 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:122 Resp: 55562
Ion Ratio Lower Upper
122 100
105 136.7 122.6 162.6
77 120.1 100.9 140.9





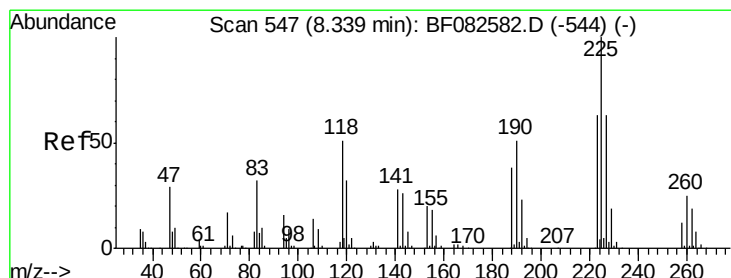
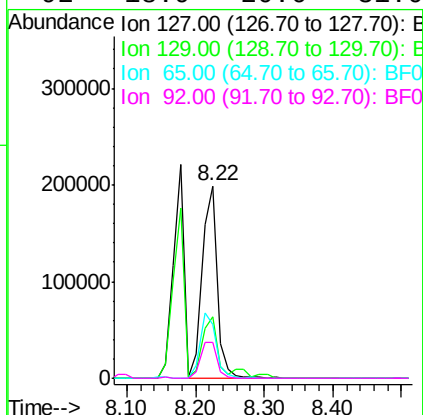
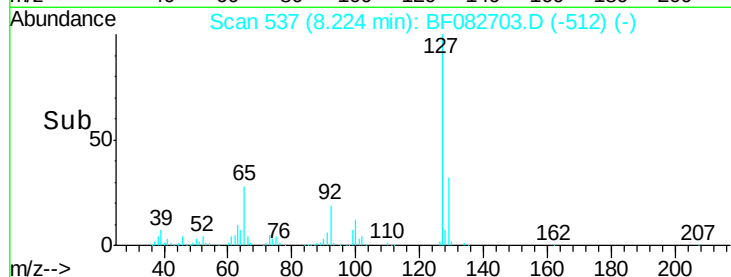
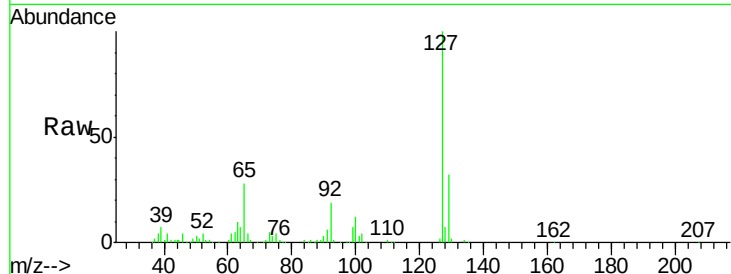
#33
4-Chloroaniline
Concen: 18.15 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.3	39.5		
65	28.0	37.8	56.8		
92	18.9	20.6	31.0		

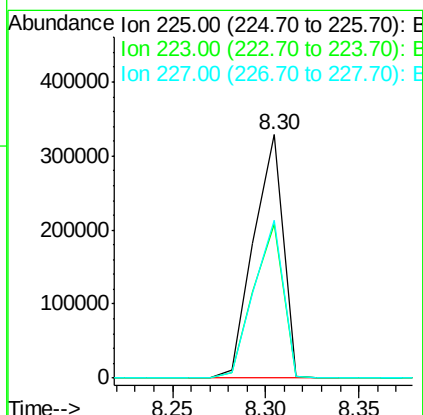
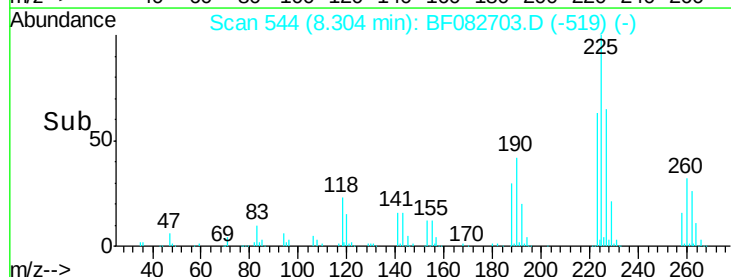
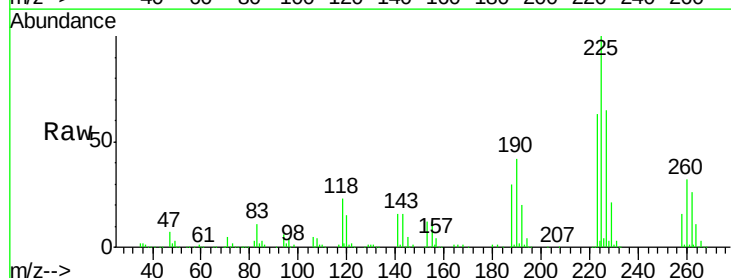
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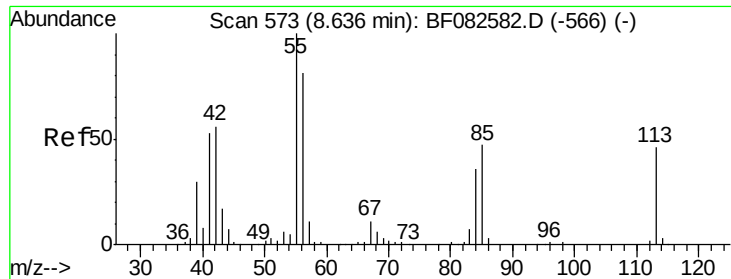
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#34
Hexachlorobutadiene
Concen: 44.31 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.5	75.7		
227	64.9	50.2	75.2		





#35

Caprolactam

Concen: 52.80 ng/mL

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

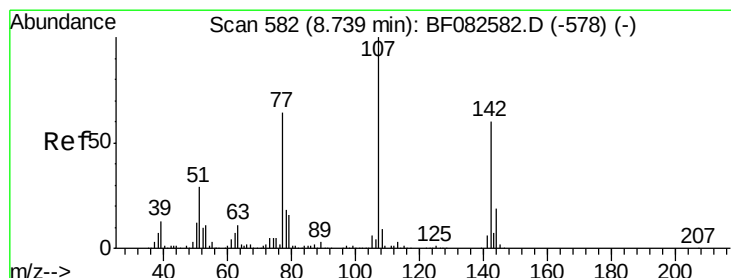
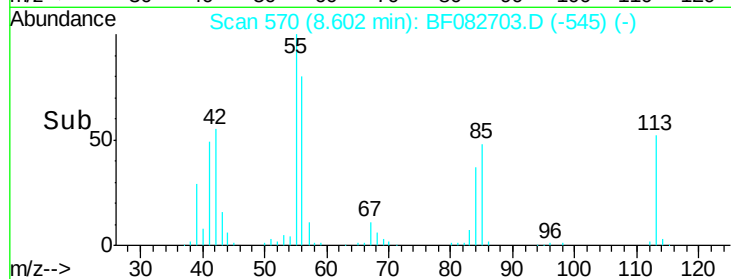
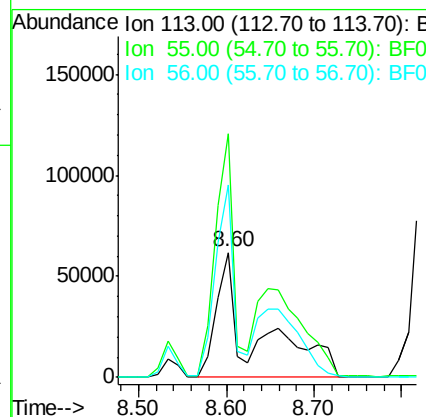
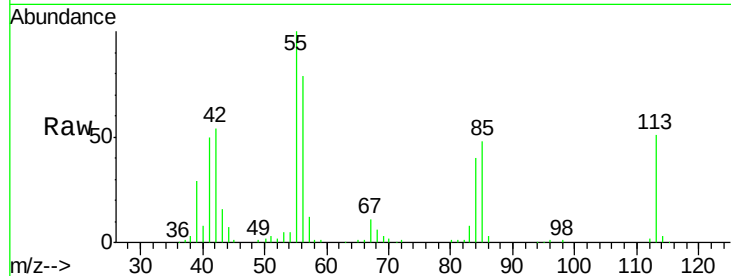
ClientSampleId :

SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	194.6	186911	195.5	235.5#
56	154.2		153.5	193.5

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#36

4-Chloro-3-methylphenol

Concen: 48.93 ng/mL

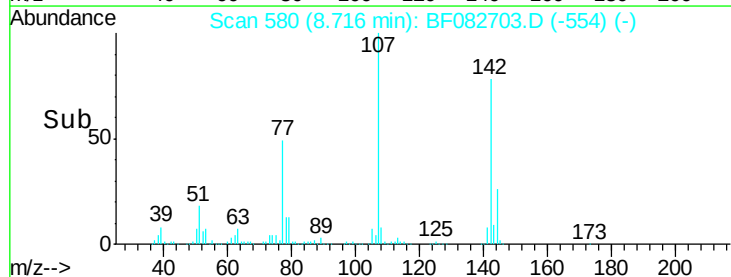
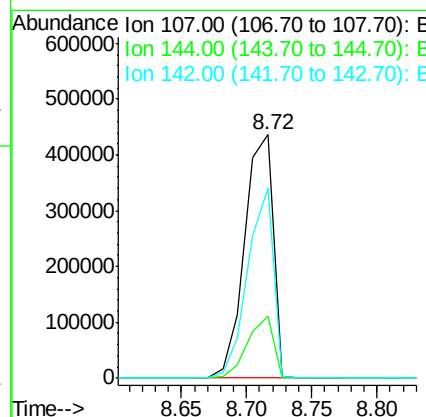
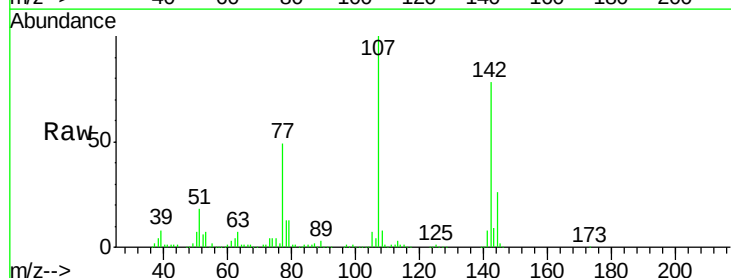
RT: 8.72 min Scan# 580

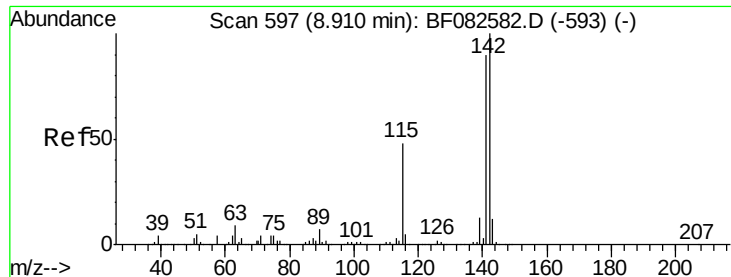
Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	664712		
144	25.5		15.4	23.0#
142	77.8		47.8	71.8#





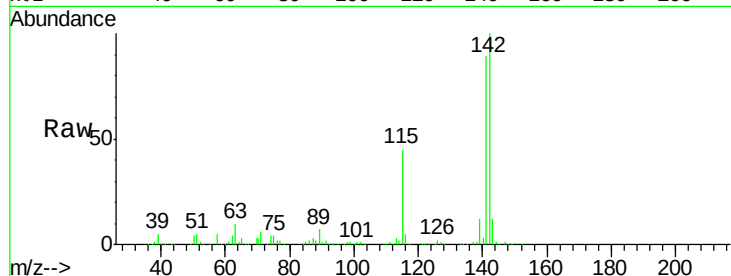
#37
2-Methylnaphthalene
Concen: 42.61 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	44.8	38.1	57.1

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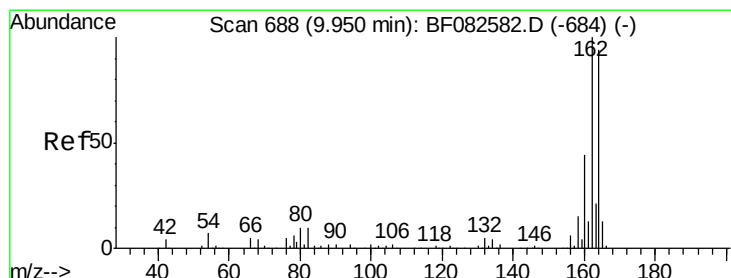
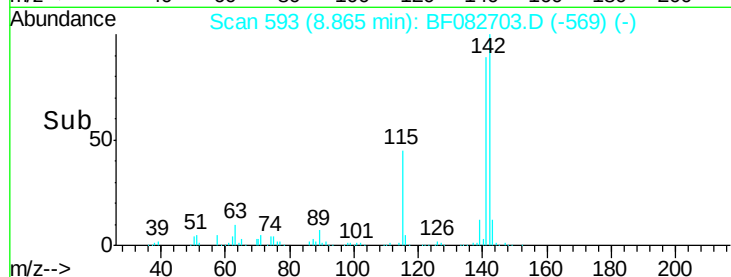
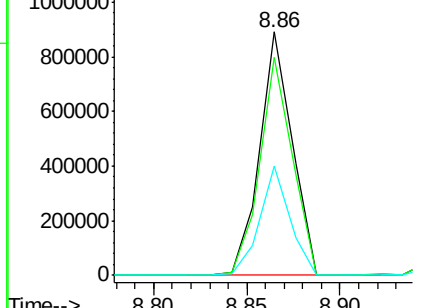


Abundance

Ion 142.00 (141.70 to 142.70): E

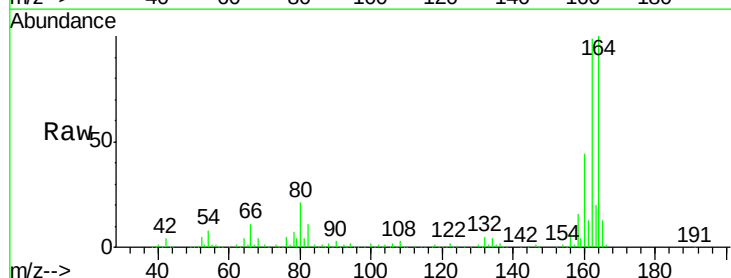
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	84.9	127.3
160	44.0	37.5	56.3

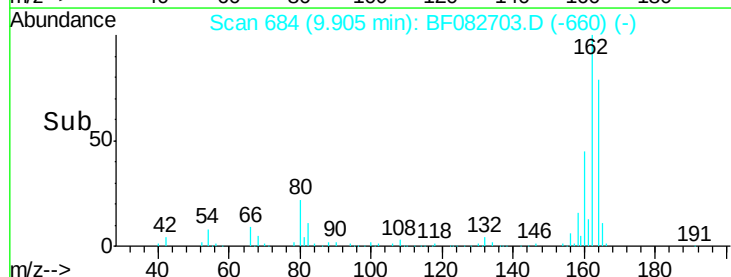
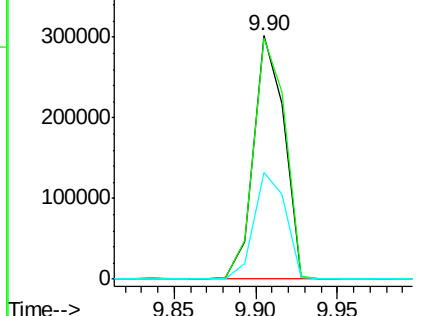


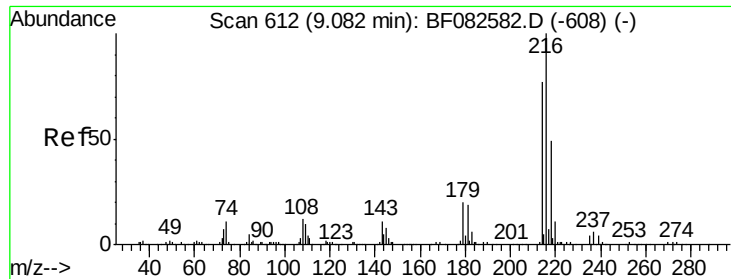
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





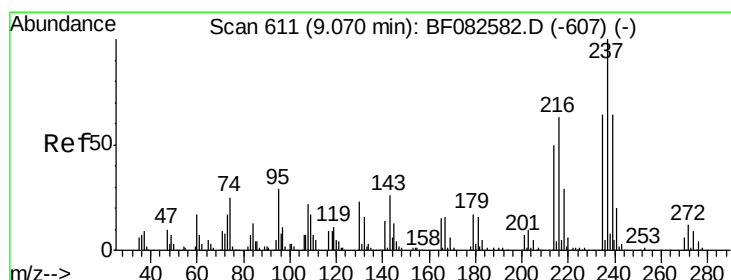
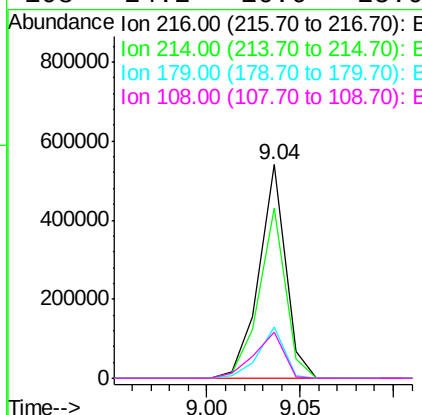
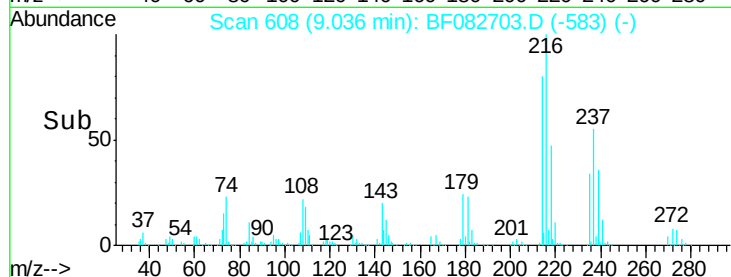
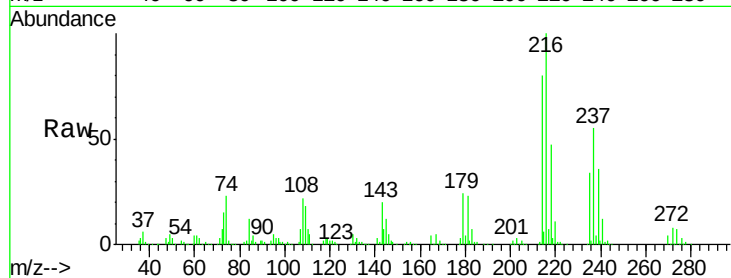
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.97 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3	62.2	93.2		
179	23.2	18.1	27.1		
108	24.2	16.6	25.0		

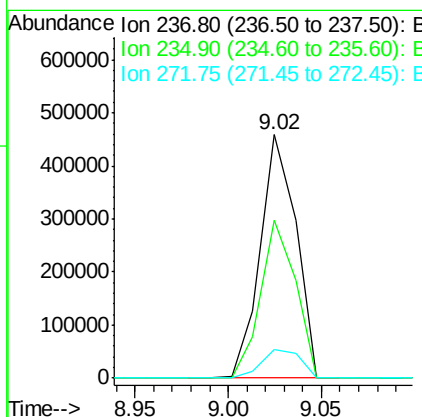
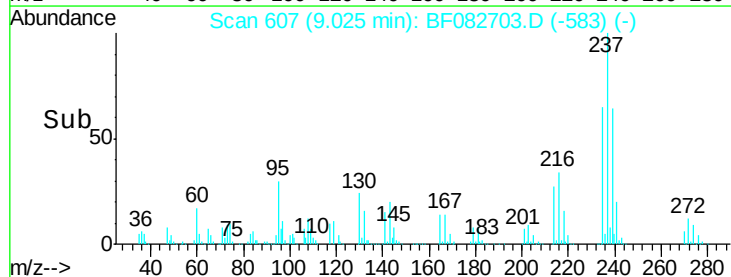
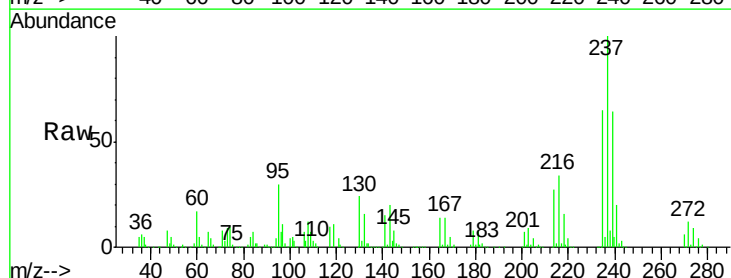
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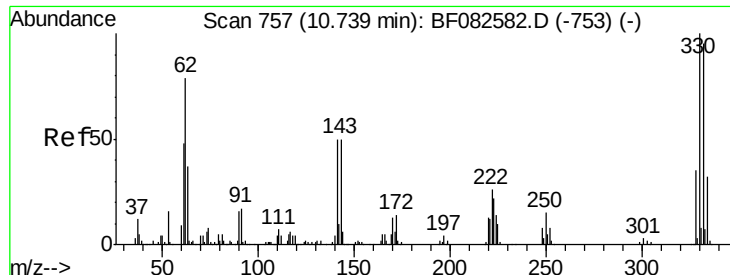
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#40
 Hexachlorocyclopentadiene
 Concen: 73.87 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.9	44.3	84.3		
272	11.6	0.0	31.9		





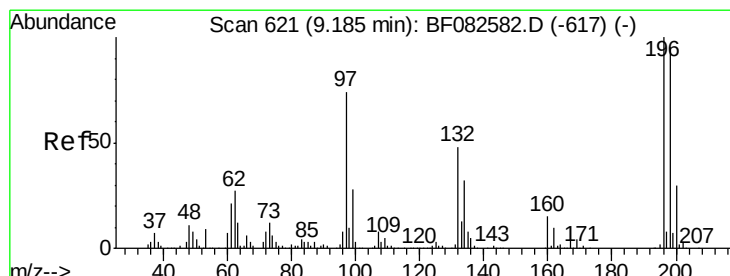
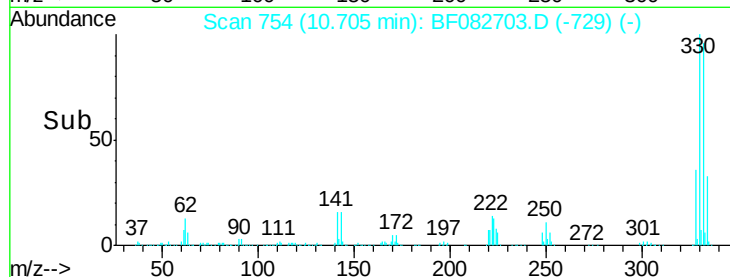
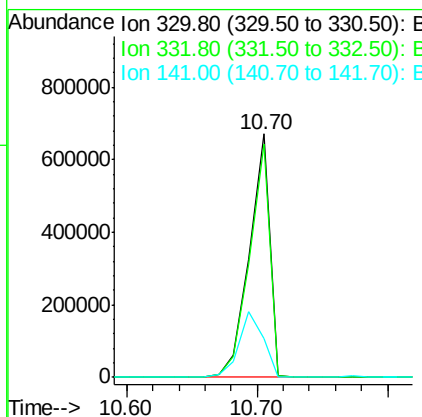
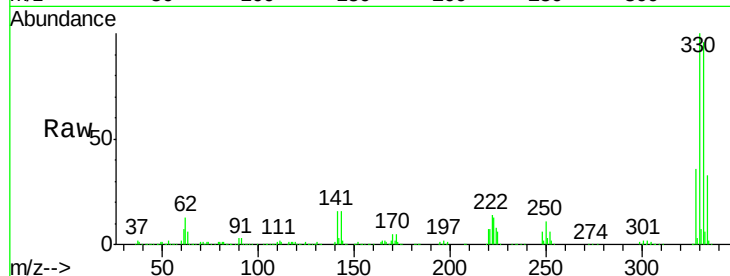
#41
 2,4,6-Tribromophenol
 Concen: 171.08 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	733408		
332	96.1	76.6	114.8	
141	31.9	41.2	61.8#	

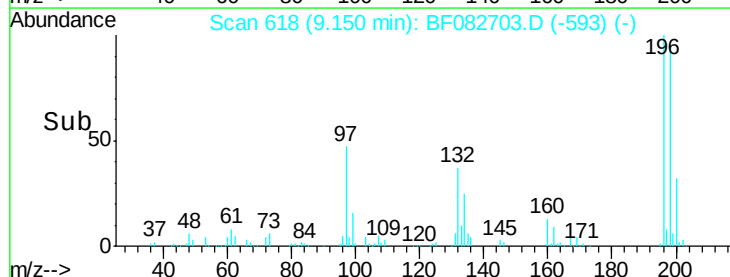
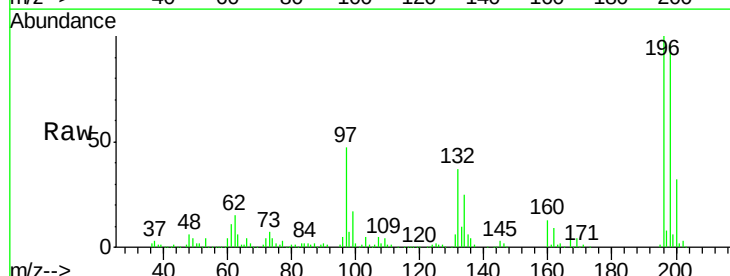
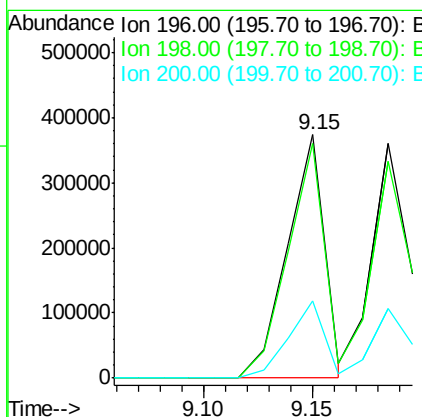
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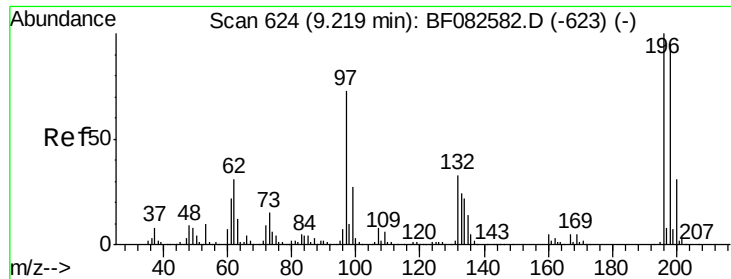
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#42
 2,4,6-Trichlorophenol
 Concen: 47.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	443956		
198	96.3	76.3	114.5	
200	31.6	23.9	35.9	





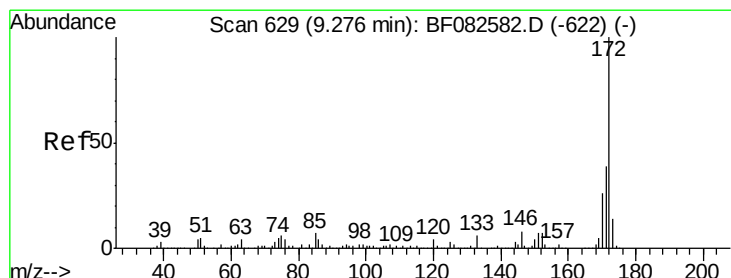
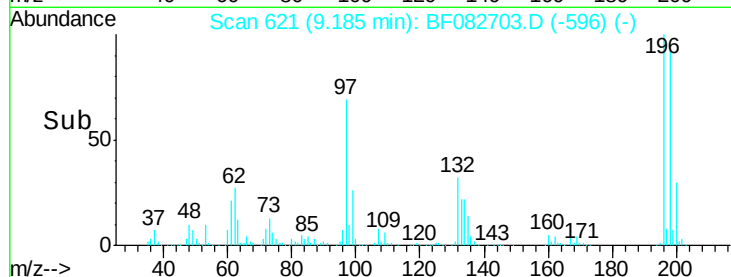
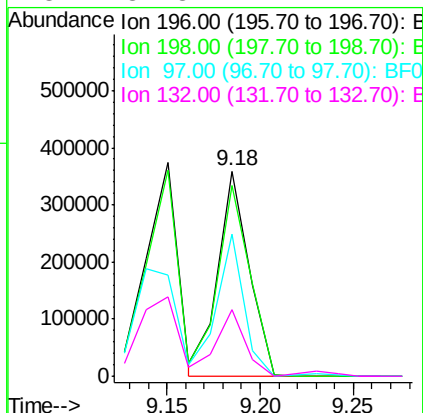
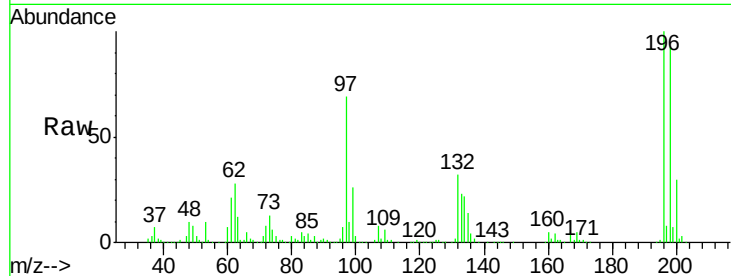
#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion:	196	Resp:	420621
Ion Ratio		Lower	Upper
196	100		
198	92.7	75.8	113.8
97	69.3	62.3	93.5
132	32.3	27.4	41.2

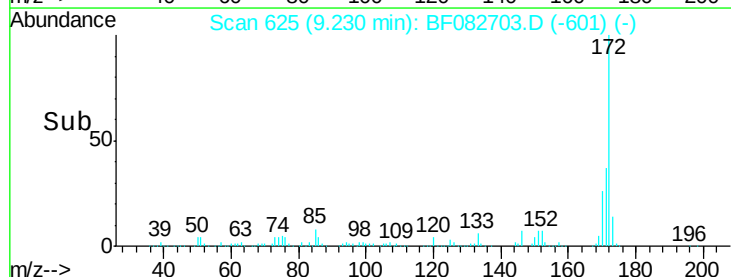
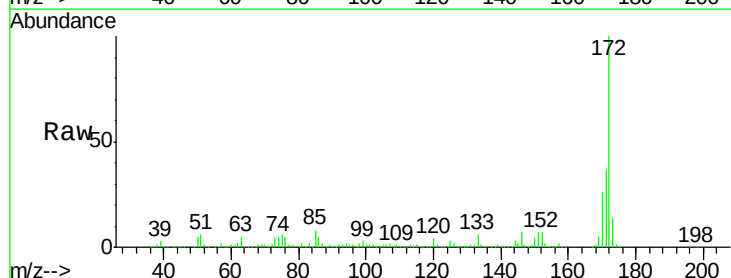
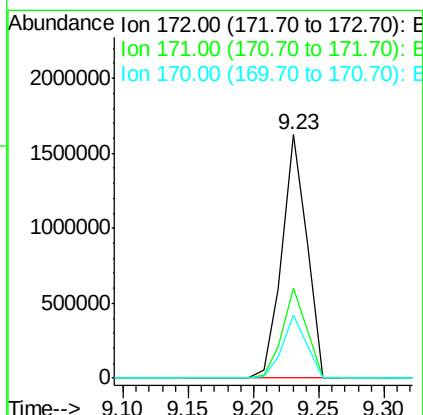
Manual Integrations
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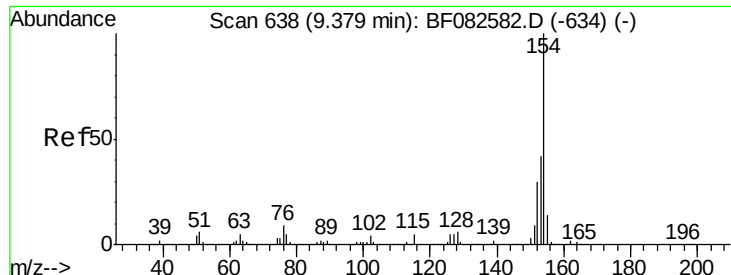
Mmdadoda
 11/5/2015 2:19:42 PM



#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:	172	Resp:	2176260
Ion Ratio		Lower	Upper
172	100		
171	37.1	30.8	46.2
170	26.0	21.2	31.8





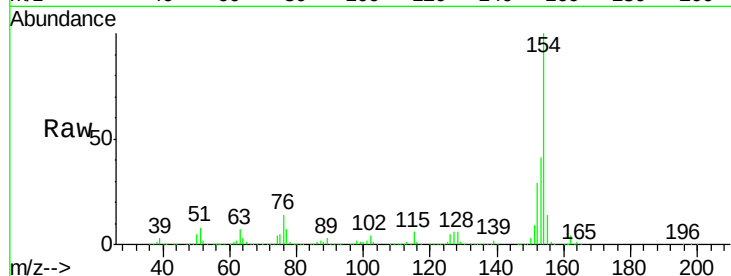
#45
1,1'-Biphenyl
Concen: 42.95 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

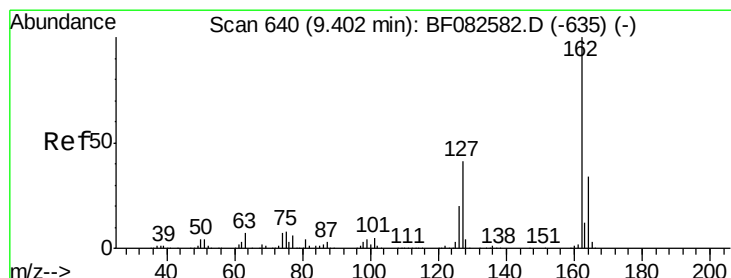
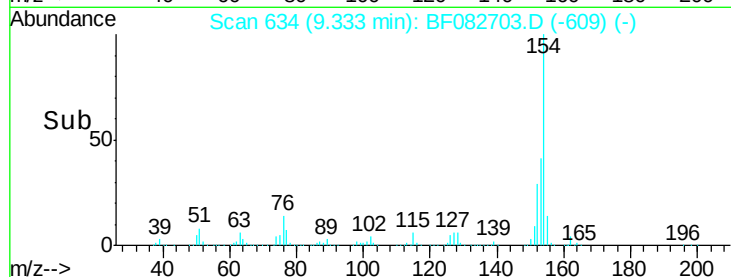
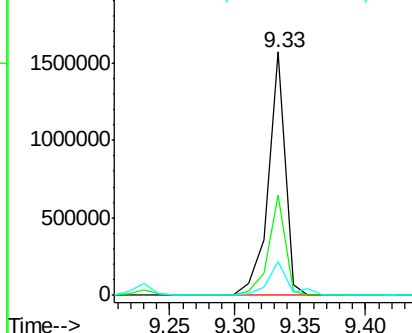
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.0	62.0
76	13.7	0.0	29.0

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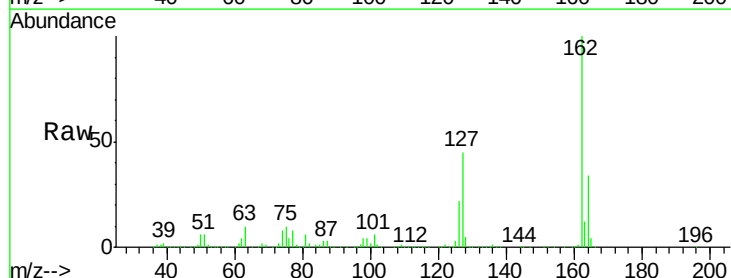


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

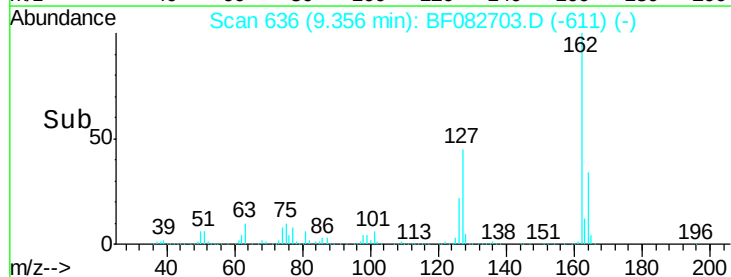
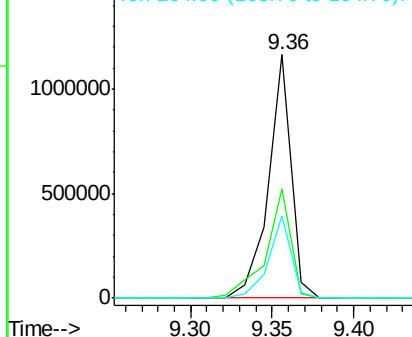


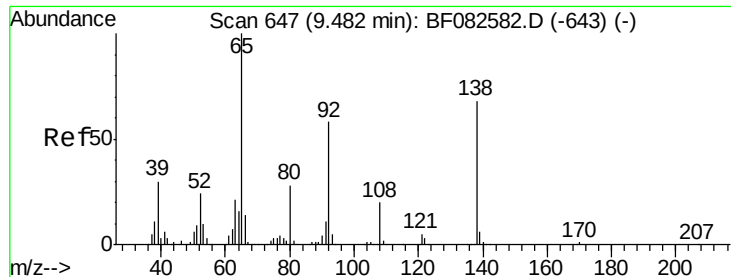
#46
2-Chloronaphthalene
Concen: 43.71 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	32.7	49.1
164	33.9	27.4	41.0



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





#47

2-Nitroaniline

Concen: 44.41 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082703.D

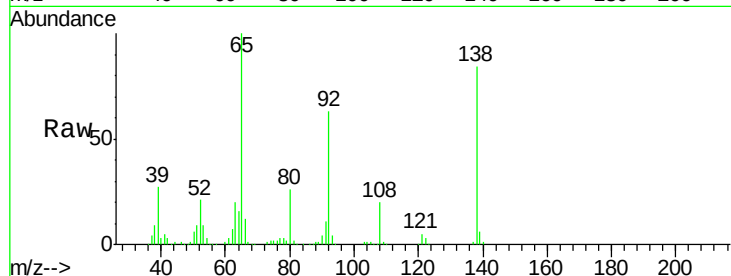
Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

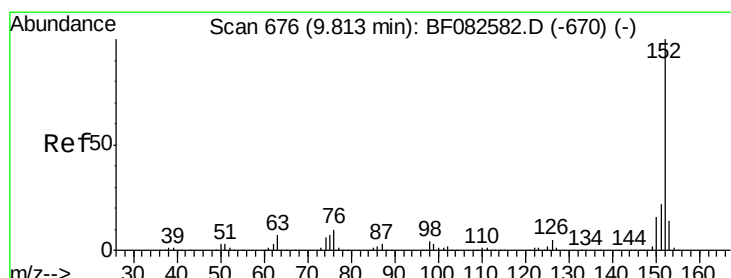
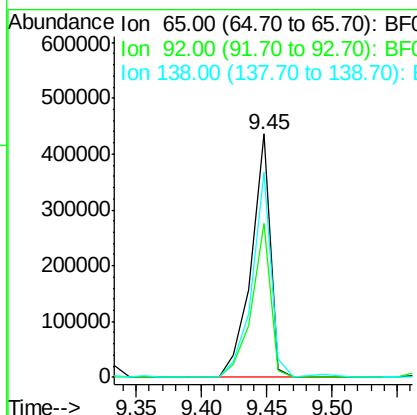
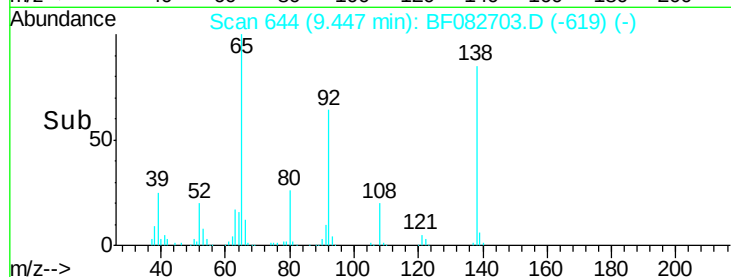


Tot Ion: 65 Resp: 446042

Ion	Ratio	Lower	Upper
65	100		
92	63.4	46.6	70.0
138	84.2	54.6	81.8

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#48

Acenaphthylene

Concen: 42.25 ng

RT: 9.77 min Scan# 672

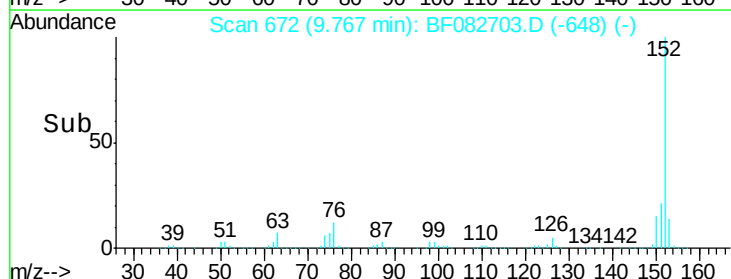
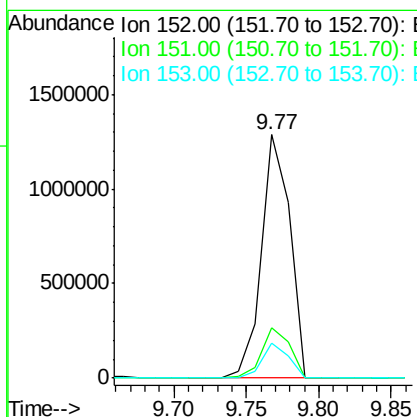
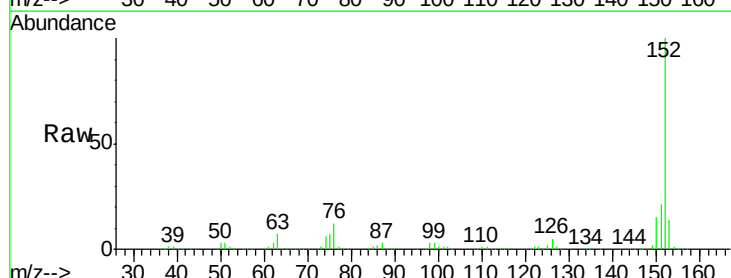
Delta R.T. -0.02 min

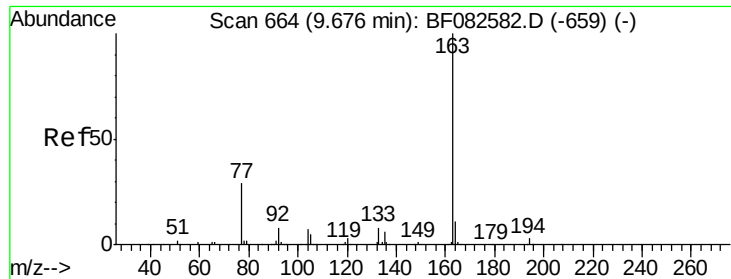
Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion: 152 Resp: 1745880

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.3	25.9
153	14.2	11.3	16.9





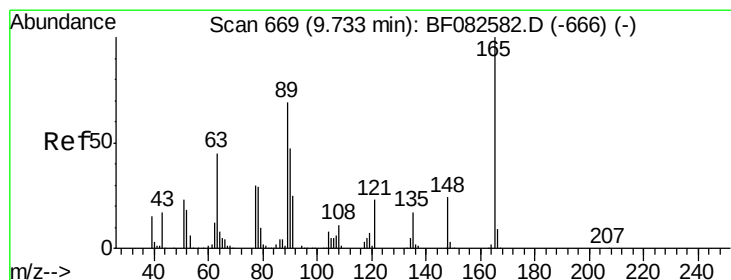
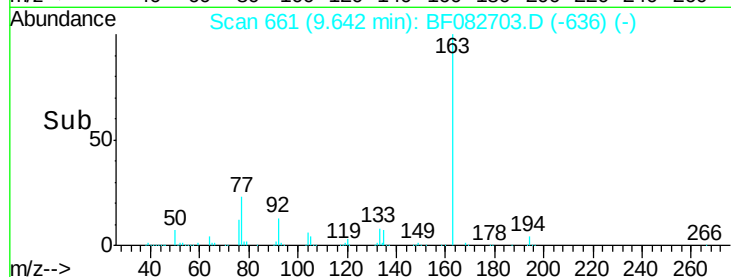
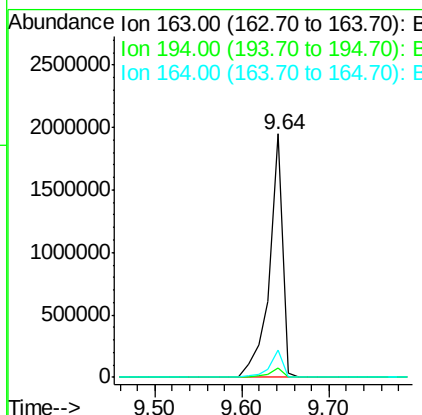
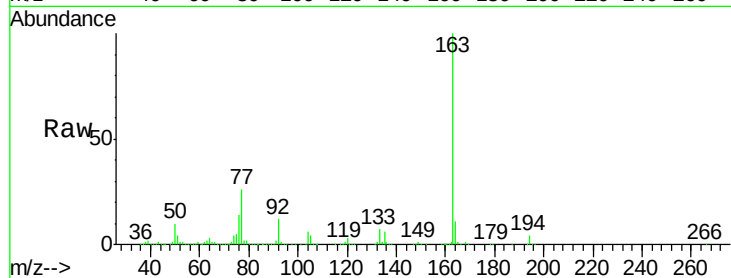
#49
Dimethylphthalate
Concen: 63.44 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.0	8.7	13.1

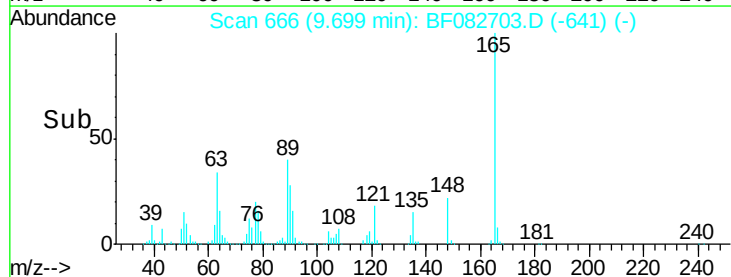
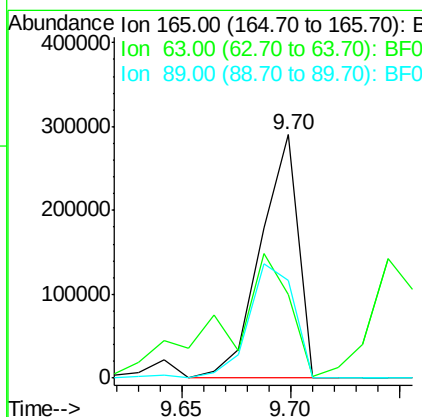
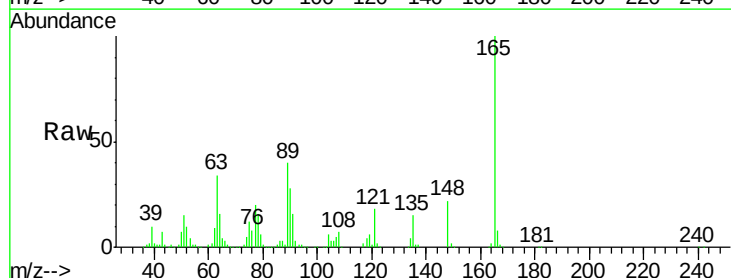
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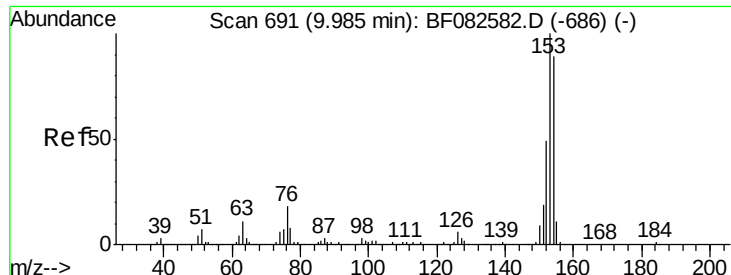
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#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.3	55.5	83.3#
89	40.3	55.0	82.6#





#51

Acenaphthene

Concen: 46.13 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:154 Resp: 1210032

Ion Ratio Lower Upper

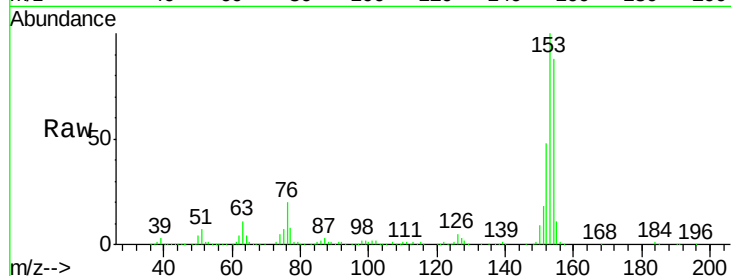
154 100

153 114.0 90.1 135.1

152 55.2 44.3 66.5

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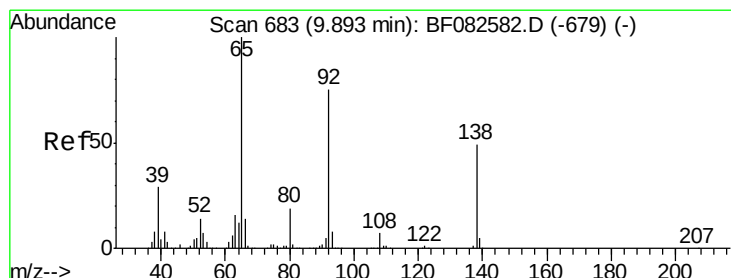
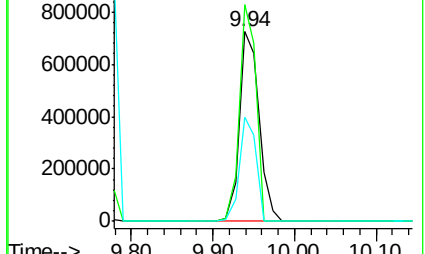
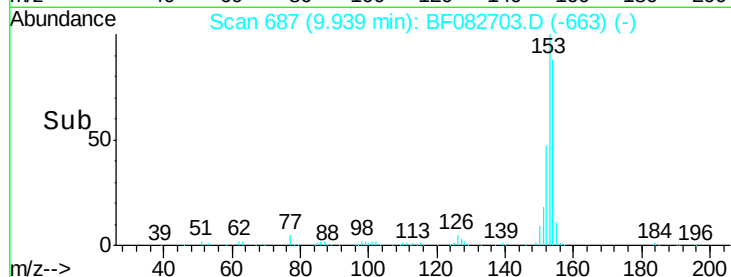
Mmdadoda
11/5/2015 2:19:42 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.60 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

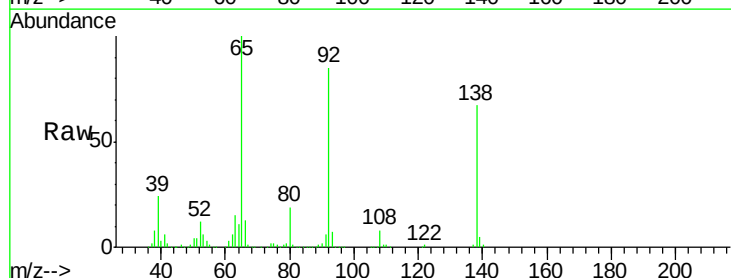
Tgt Ion:138 Resp: 233082

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

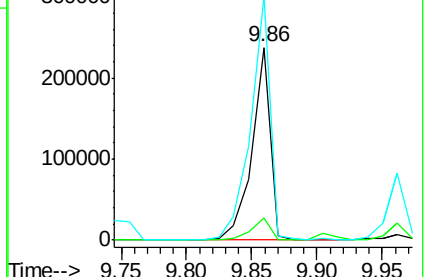
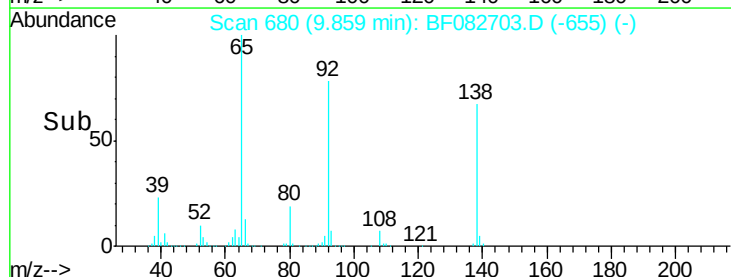
92 126.5 122.4 183.6

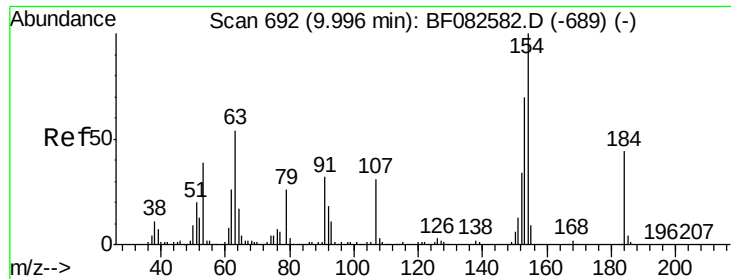


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





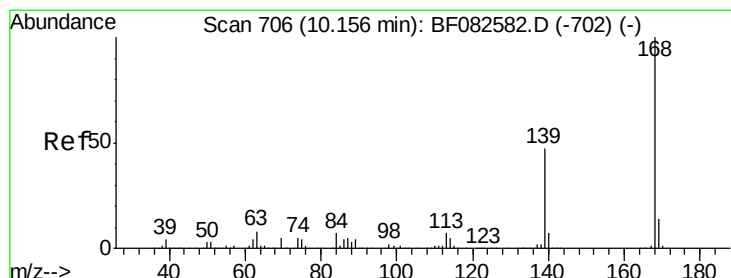
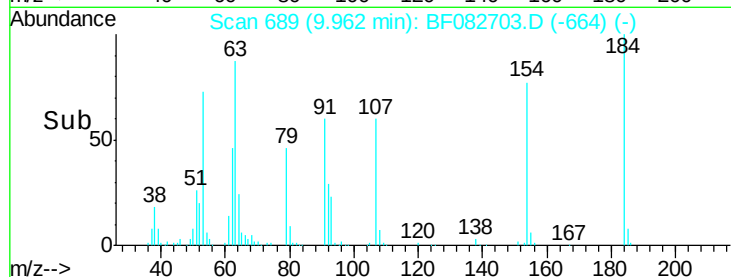
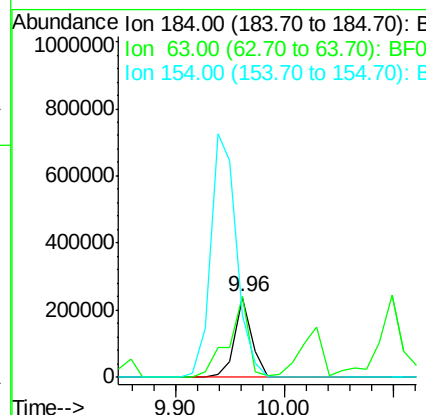
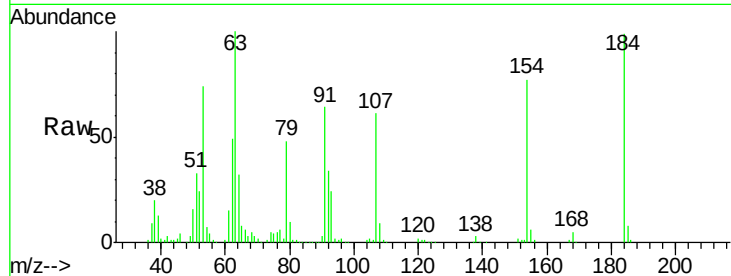
#53
2,4-Dinitrophenol
Concen: 74.27 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	260501		
63	100.7	98.6	148.0	
154	77.5	183.9	275.9#	

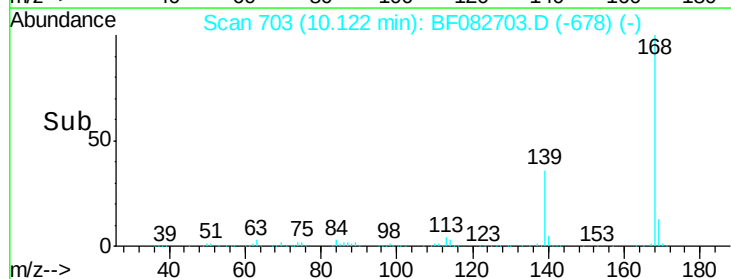
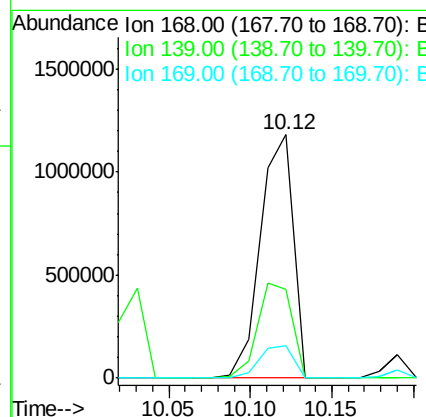
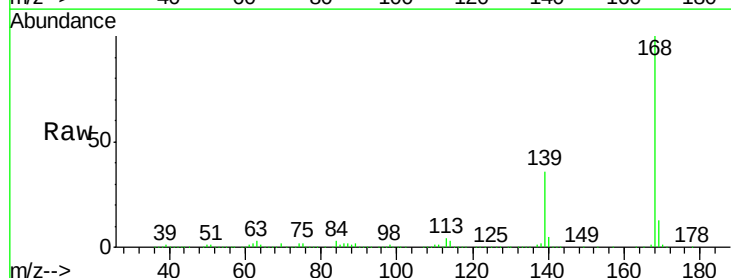
Manual Integrations
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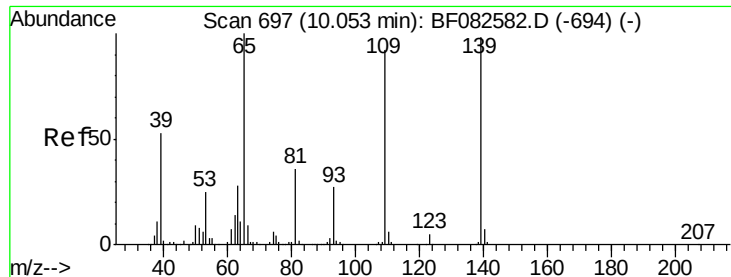
Mmdadoda
11/5/2015 2:19:42 PM



#54
Dibenzofuran
Concen: 46.52 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1655883		
139	36.3	37.8	56.6#	
169	13.4	11.3	16.9	





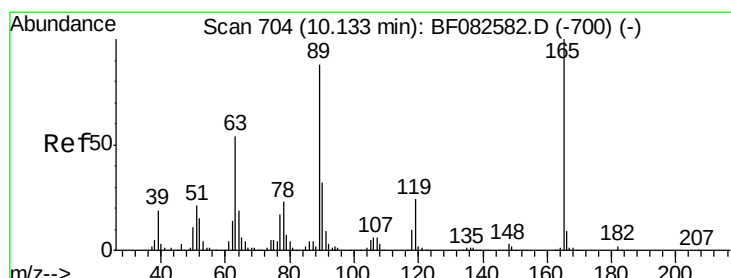
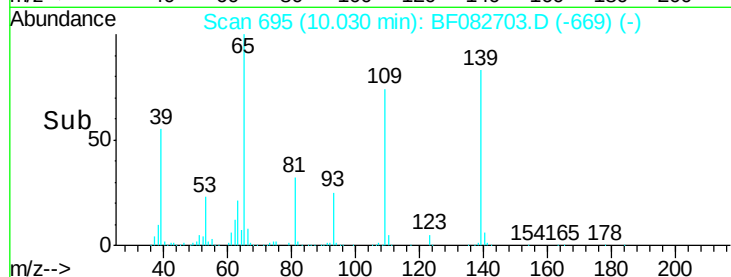
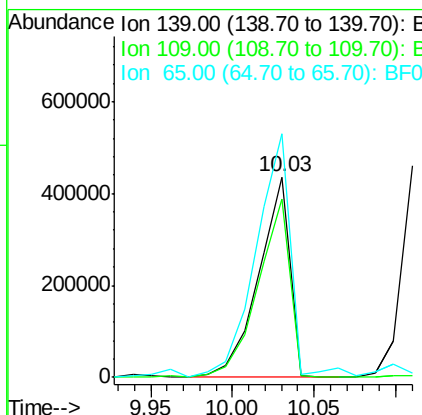
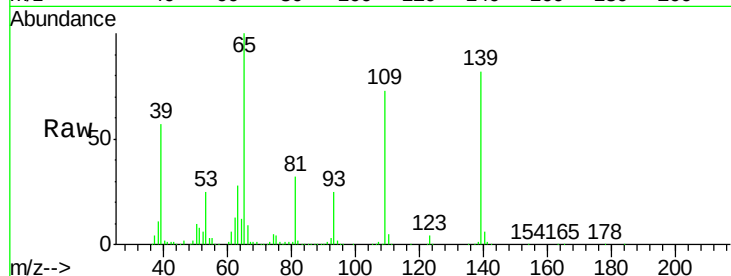
#55
4-Nitrophenol
Concen: 104.47 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	579833		
109	89.1	73.7	113.7	
65	121.3	82.9	122.9	

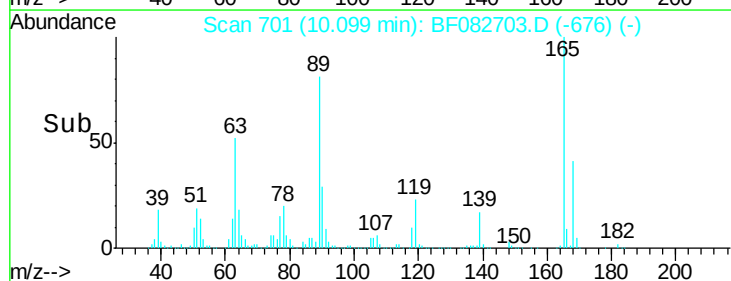
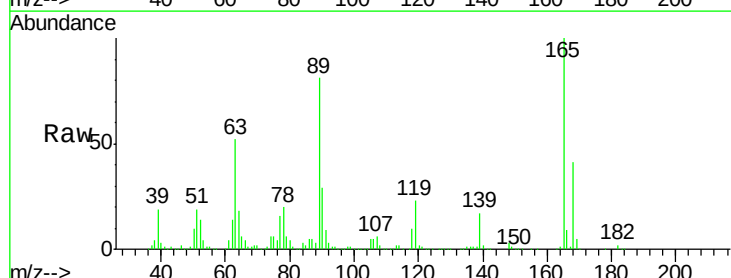
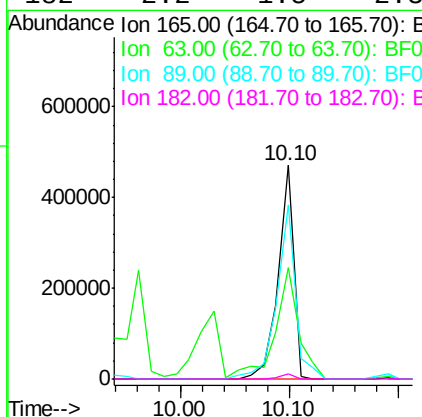
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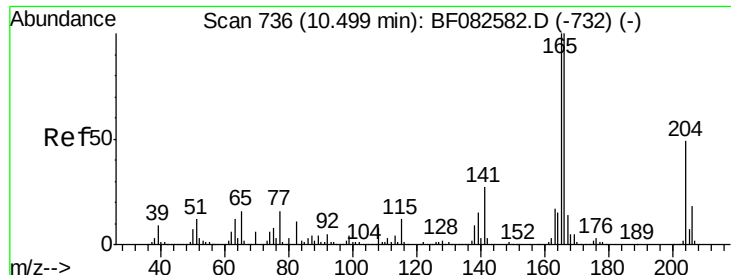
Mmdadoda
11/5/2015 2:19:42 PM



#56
2,4-Dinitrotoluene
Concen: 51.88 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	465222		
63	52.4	43.4	65.0	
89	81.3	70.6	106.0	
182	2.2	1.5	2.3	





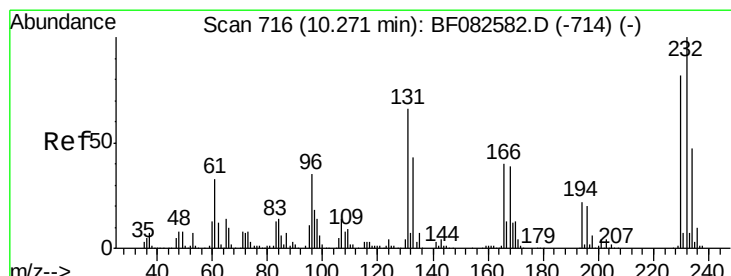
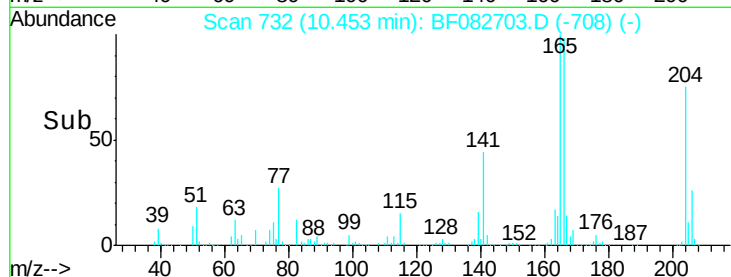
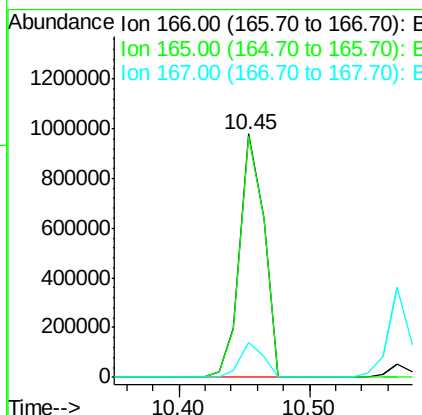
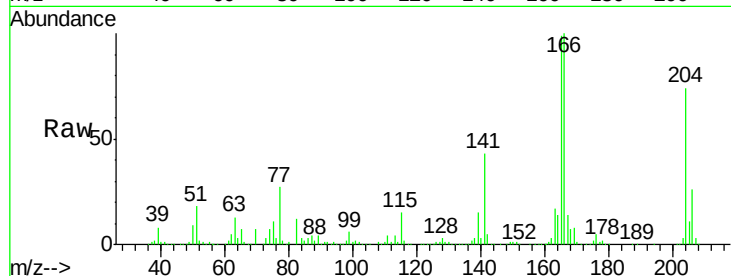
#57
 Fluorene
 Concen: 43.92 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.4
167	14.4	11.2	16.8

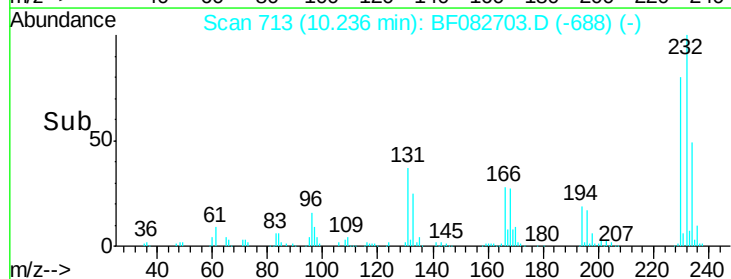
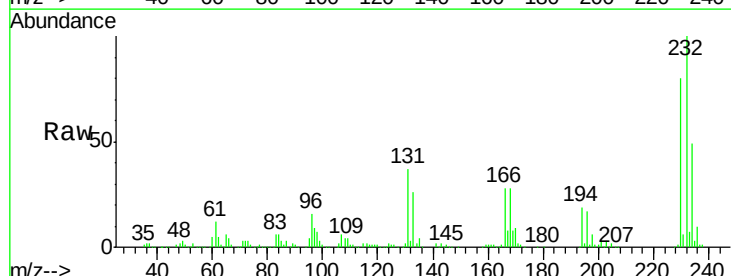
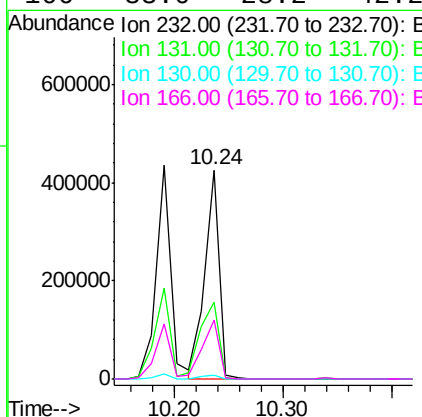
Manual Integrations
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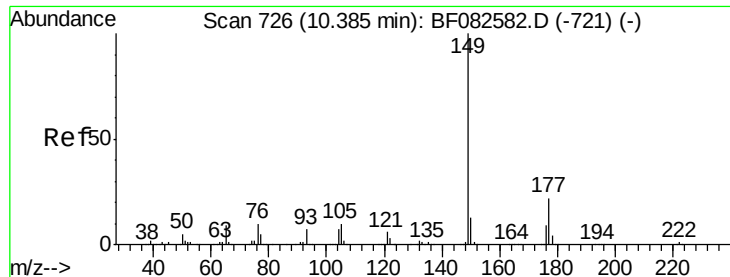
Mmdadoda
 11/5/2015 2:19:42 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.83 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.1	46.2	69.2#
130	2.3	2.4	3.6#
166	33.0	28.2	42.2





#59

Diethylphthalate

Concen: 47.54 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:149 Resp: 1548196

Ion Ratio Lower Upper

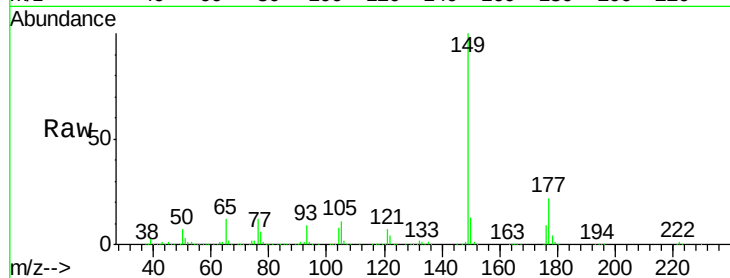
149 100

177 22.1 17.9 26.9

150 13.5 10.1 15.1

Manual Integrations
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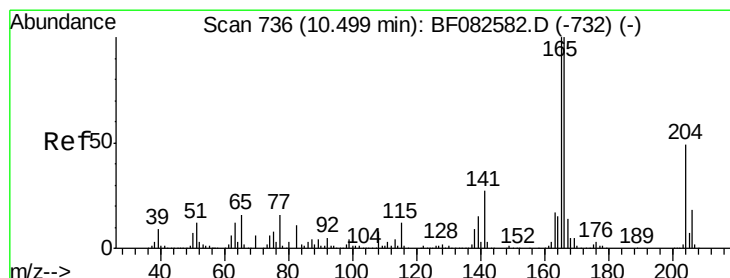
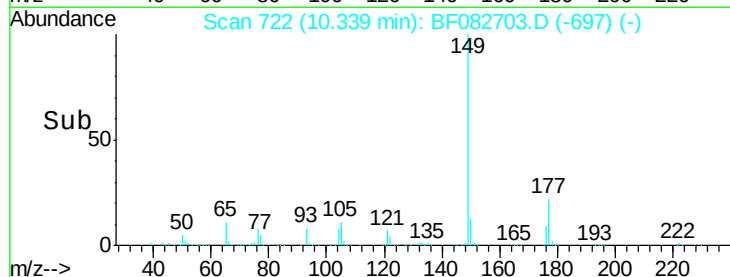
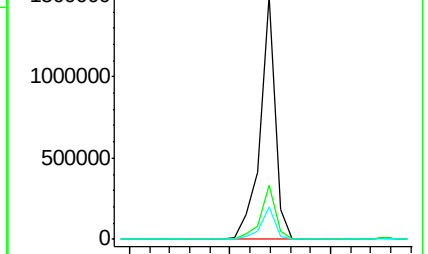
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.24 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

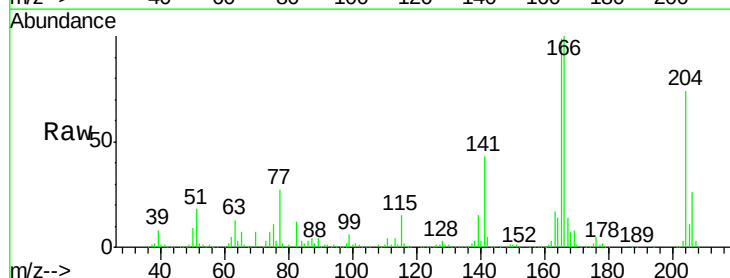
Tgt Ion:204 Resp: 673245

Ion Ratio Lower Upper

204 100

206 35.3 28.5 42.7

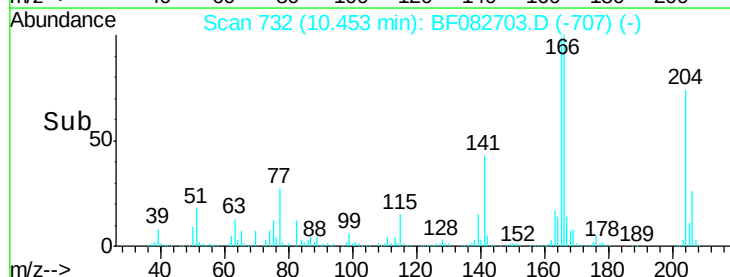
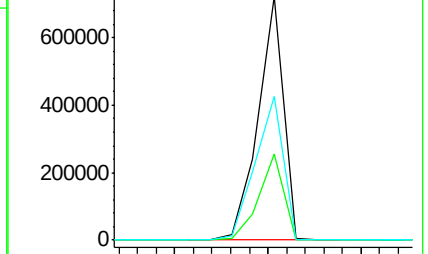
141 58.8 44.6 66.8

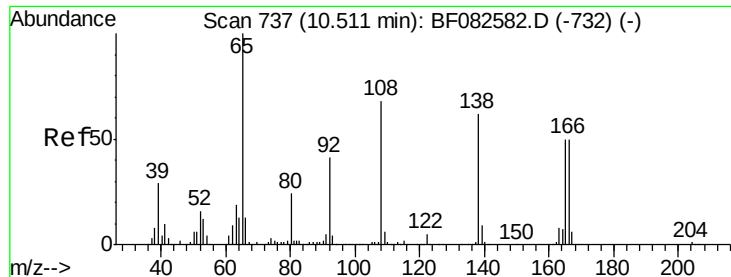


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.46 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

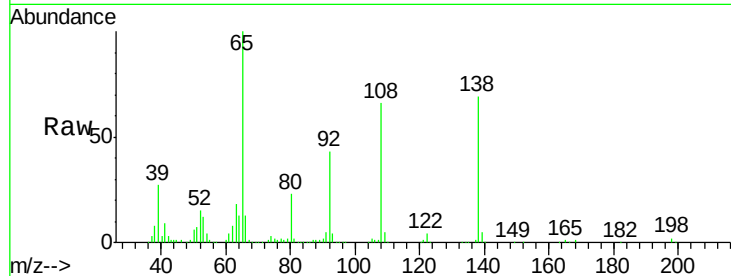
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	138	Resp:	291884
Ion Ratio	Lower	Upper	
138	100		
92	62.4	45.8	85.8
108	95.4	89.4	129.4

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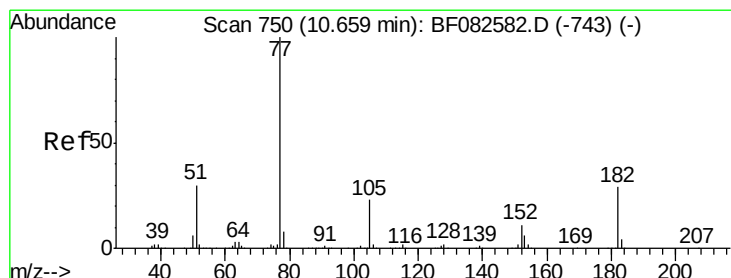
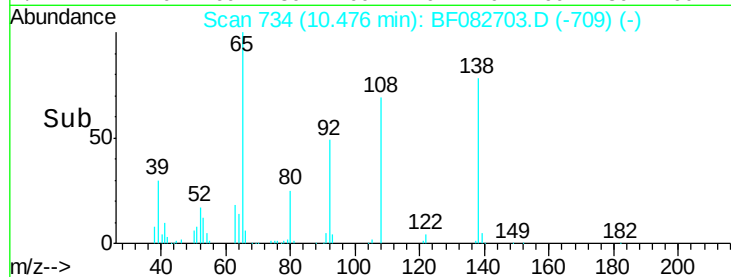
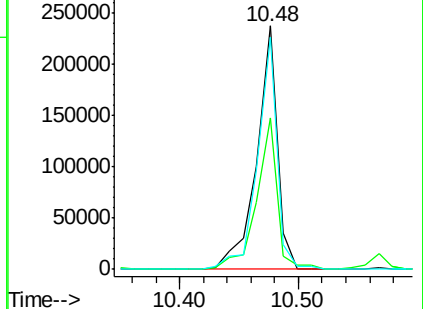
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.24 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

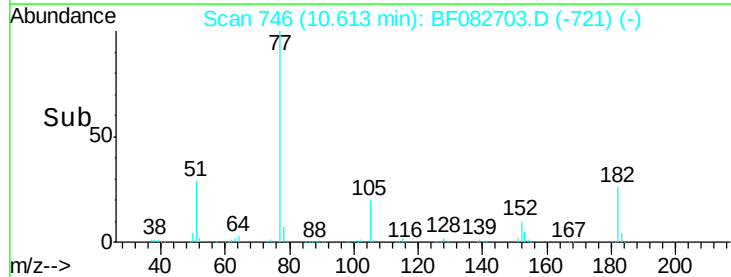
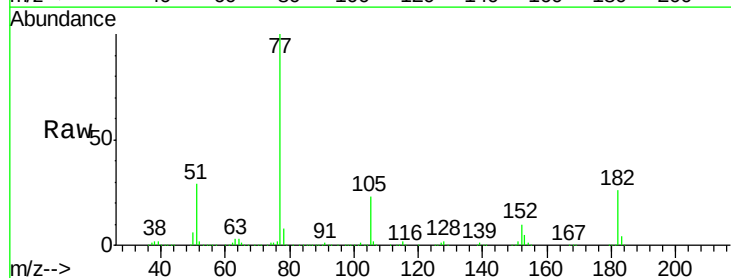
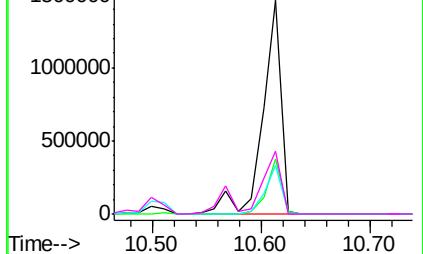
Tgt Ion:	77	Resp:	1735041
Ion Ratio	Lower	Upper	
77	100		
182	25.5	9.3	49.3
105	22.5	2.6	42.6
51	29.2	9.9	49.9

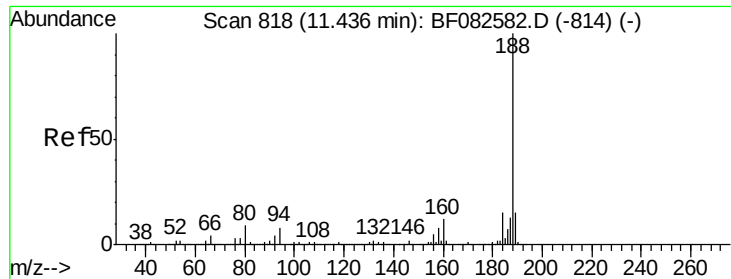
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





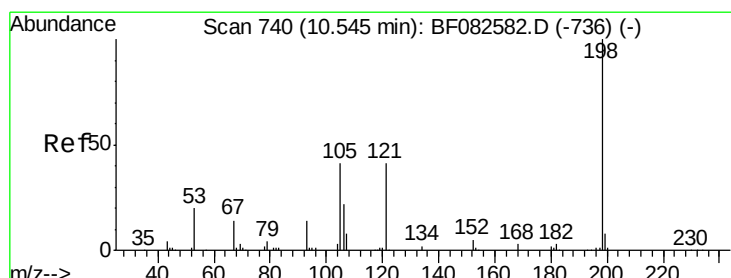
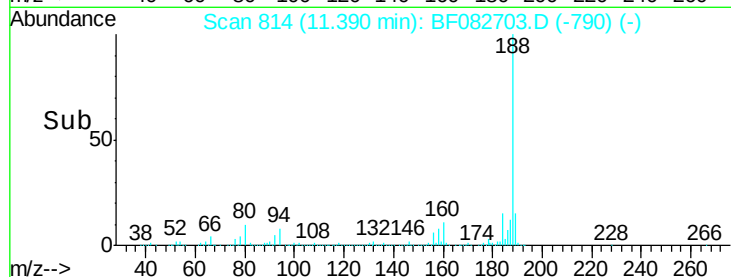
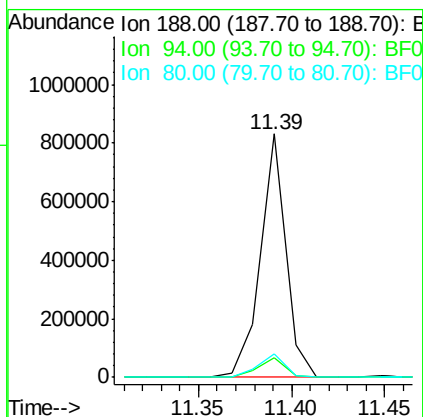
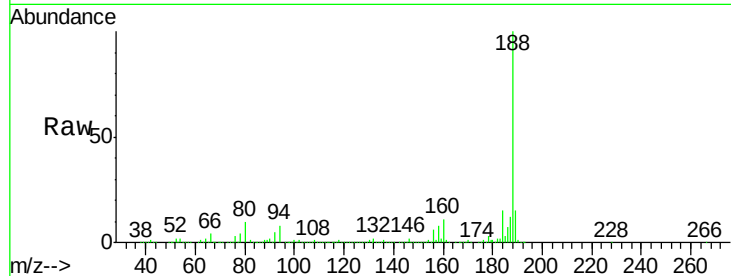
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	780206		
94	8.3		6.1	9.1
80	9.8		7.0	10.6

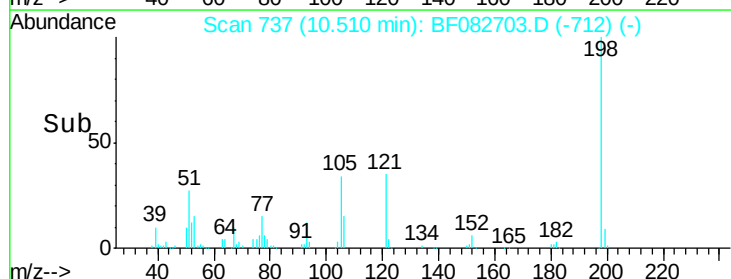
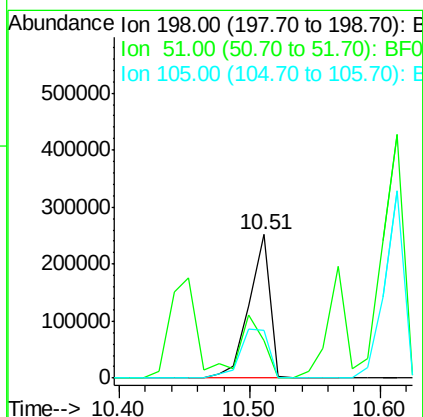
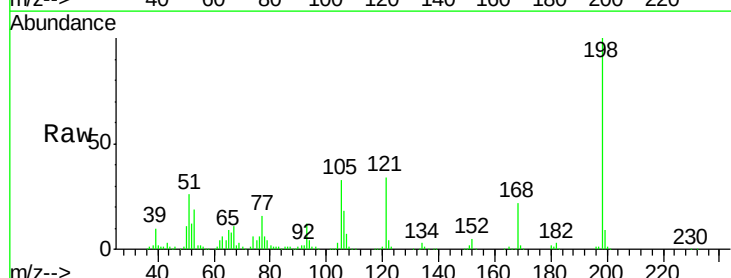
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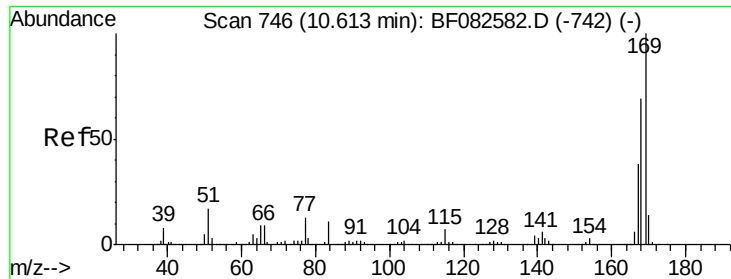
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	281885		
51	25.9		17.3	57.3
105	32.9		21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 40.37 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:169 Resp: 1082697

Ion Ratio Lower Upper

169 100

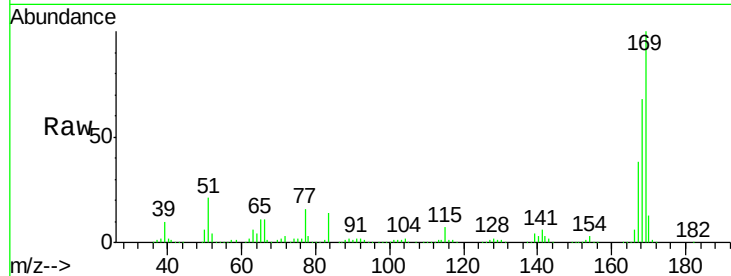
168 67.7 55.0 82.6

167 38.1 30.5 45.7

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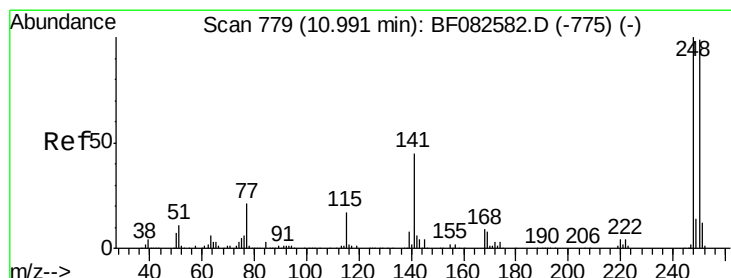
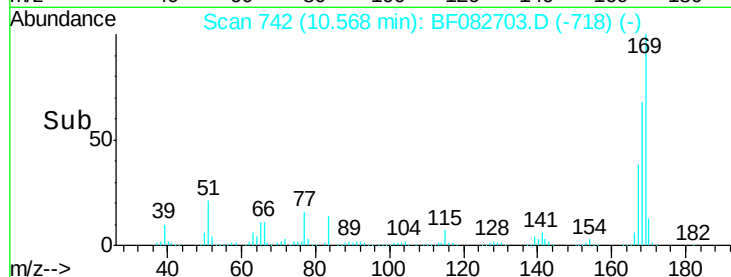
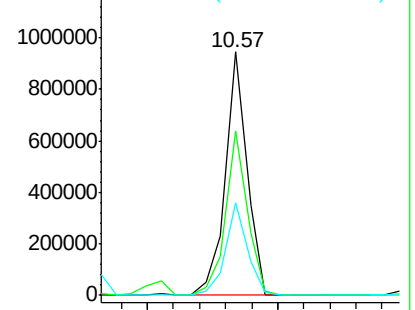
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.70 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

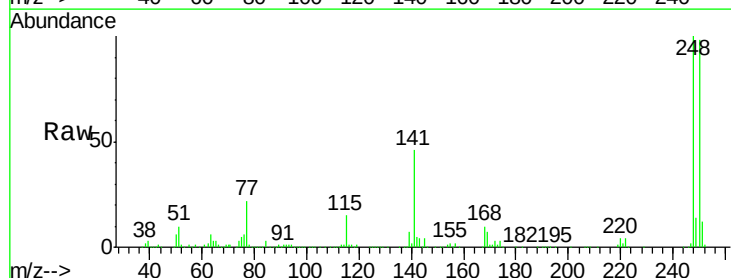
Tgt Ion:248 Resp: 421720

Ion Ratio Lower Upper

248 100

250 97.8 79.4 119.2

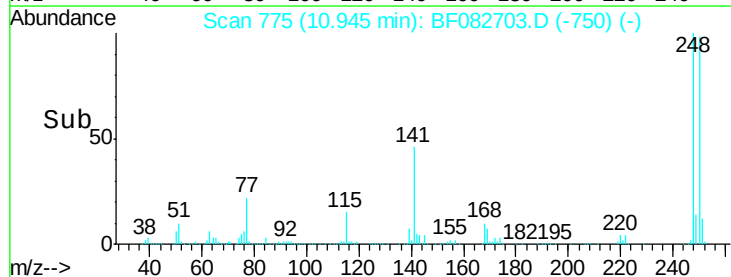
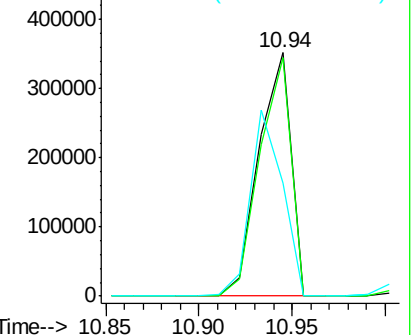
141 46.3 36.3 54.5

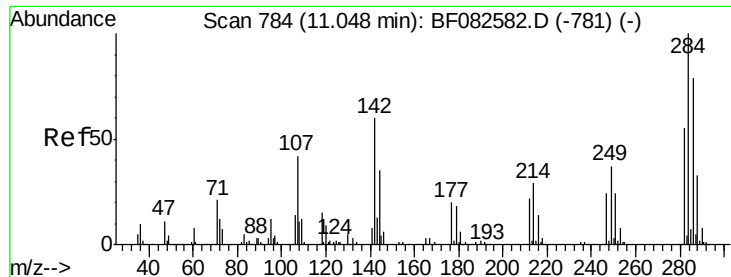


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.28 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

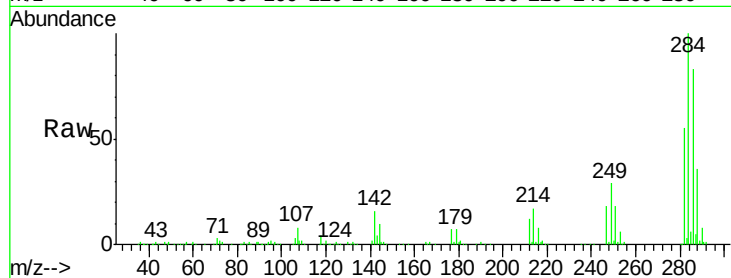
ClientSampleId :

SB-07(4-6)MSD

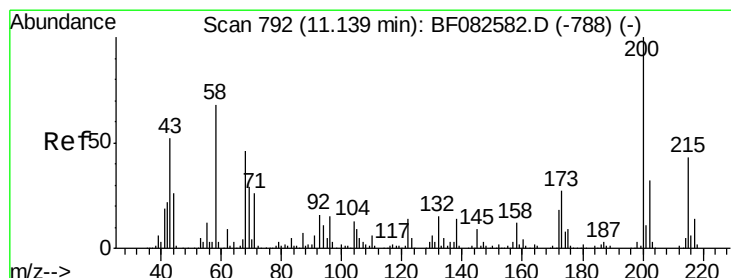
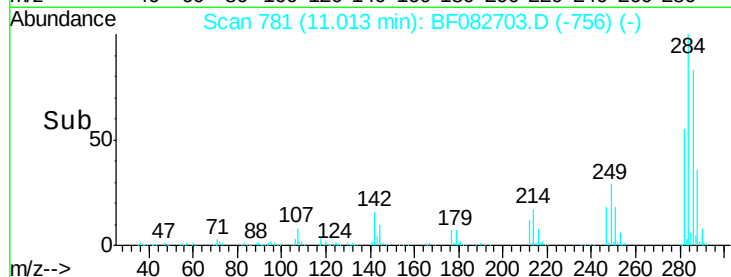
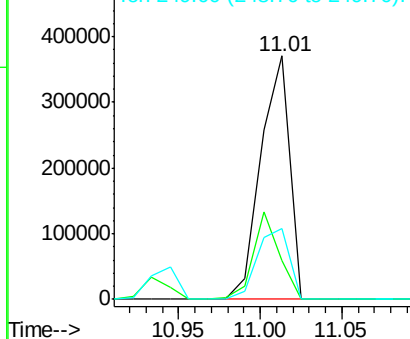
Tot Ion:	284	Resp:	453720
Ion Ratio	Lower	Upper	
284	100		
142	15.8	47.9	71.9#
249	29.2	29.7	44.5#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 54.85 ng

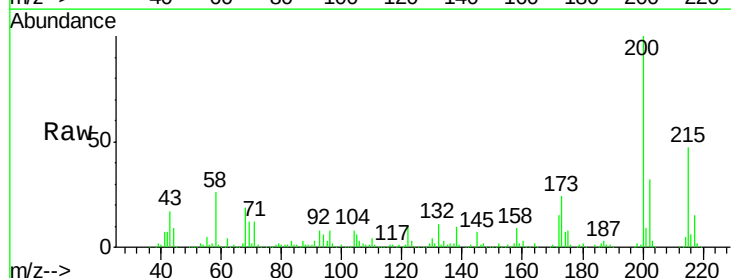
RT: 11.10 min Scan# 789

Delta R.T. -0.01 min

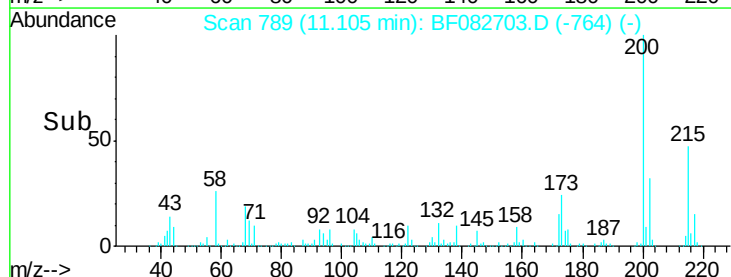
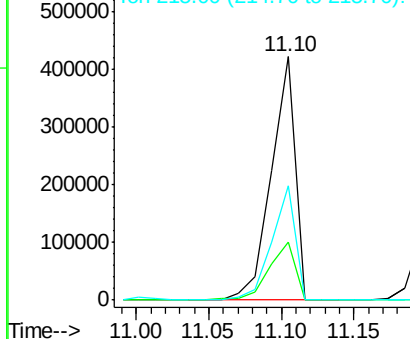
Lab File: BF082703.D

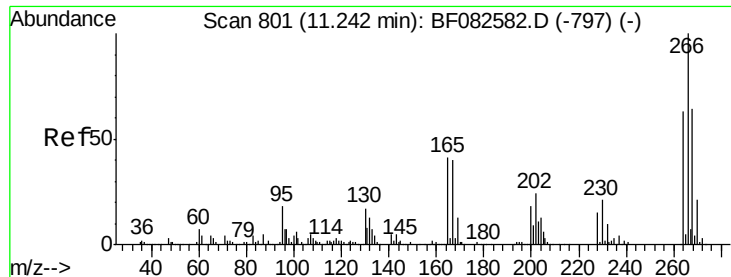
Acq: 4 Nov 2015 16:17

Tgt Ion:	200	Resp:	481317
Ion Ratio	Lower	Upper	
200	100		
173	23.9	6.9	46.9
215	47.0	22.9	62.9



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





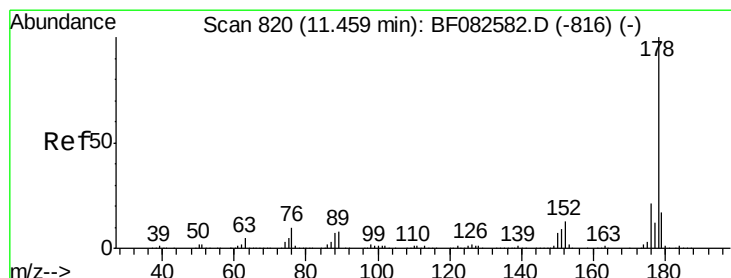
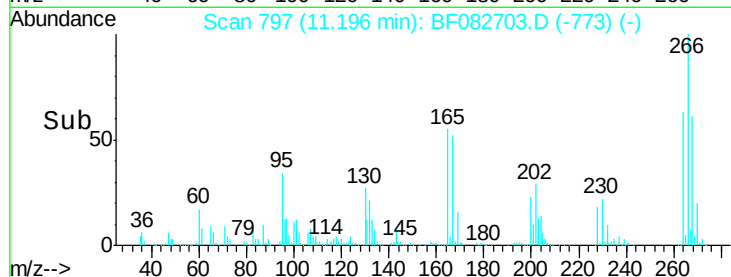
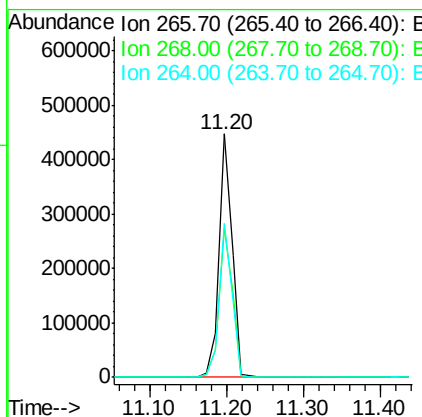
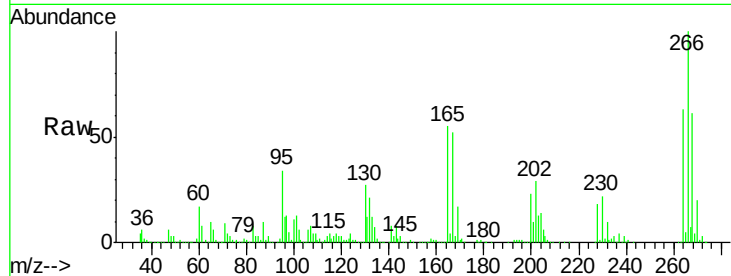
#69
 Pentachlorophenol
 Concen: 81.87 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.0	76.6
264	63.3	50.6	75.8

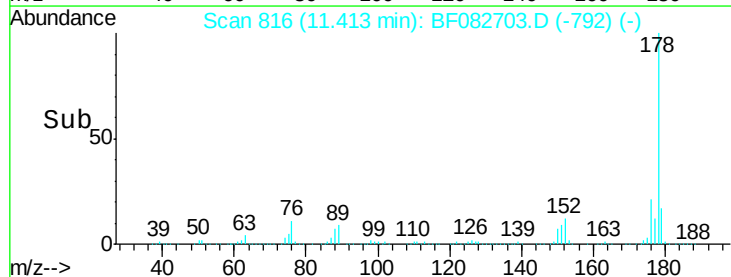
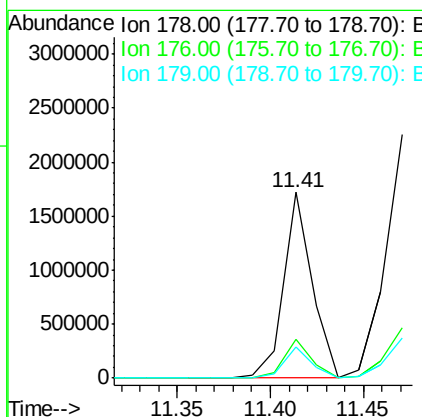
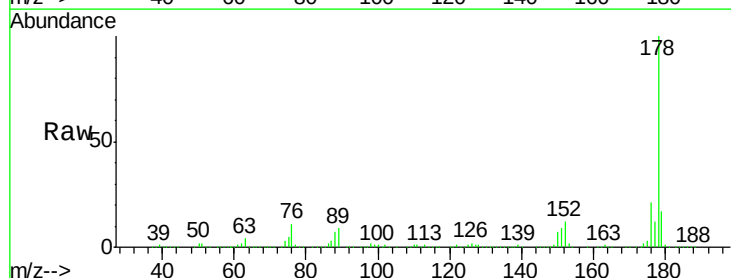
Manual Integrations
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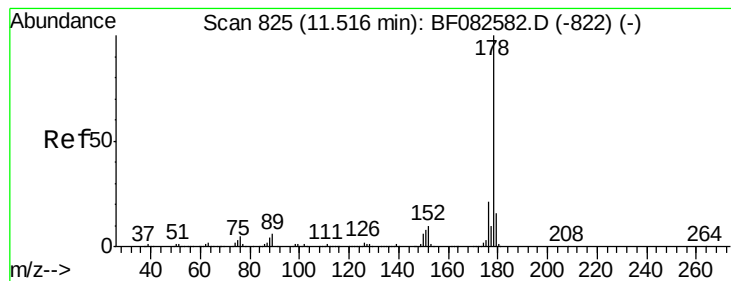
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#70
 Phenanthrene
 Concen: 41.62 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	16.8	13.4	20.0





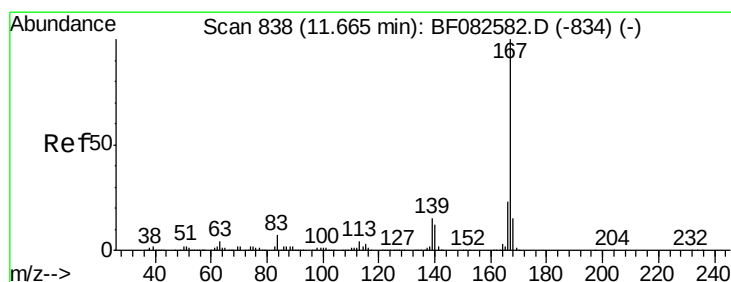
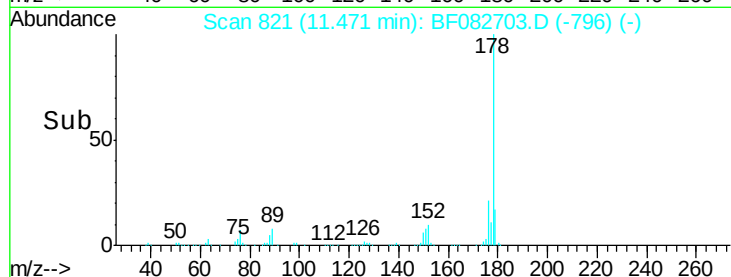
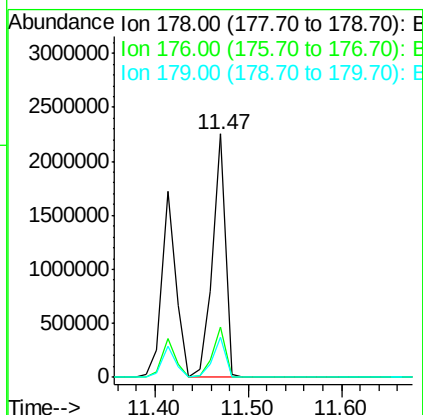
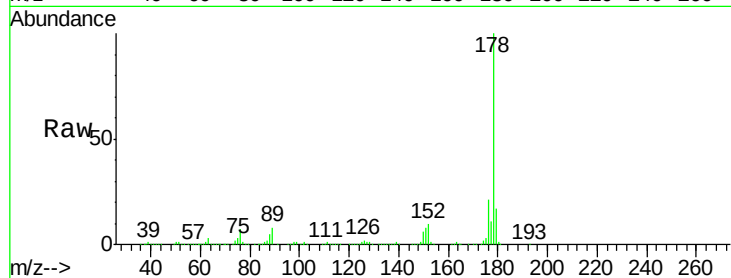
#71
 Anthracene
 Concen: 48.94 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion:178 Resp: 2168550
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.6 13.2 19.8

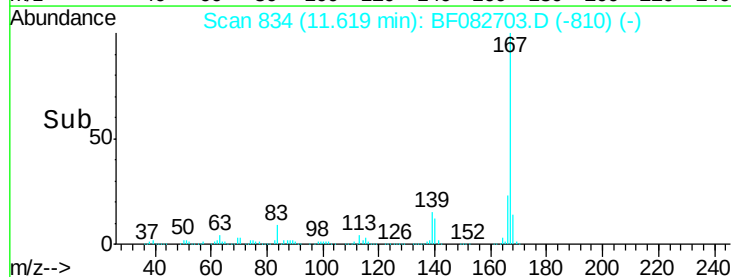
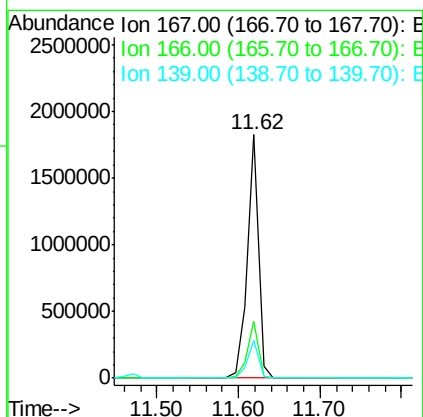
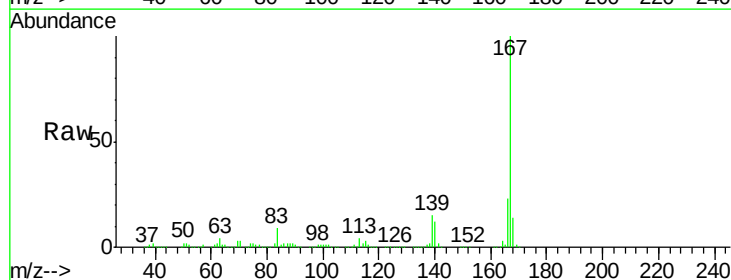
Manual Integrations
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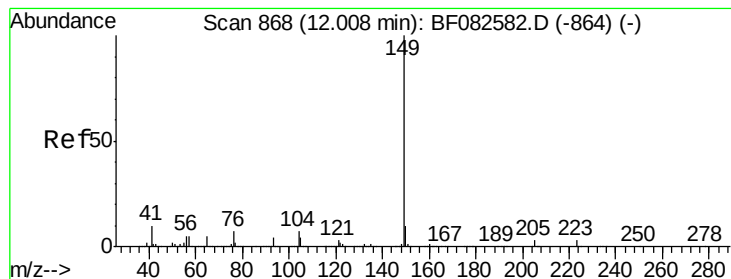
Mmdadoda
 11/5/2015 2:19:42 PM



#72
 Carbazole
 Concen: 44.46 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:167 Resp: 1715825
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.7 28.1
 139 15.2 11.8 17.6





#73

Di-n-butylphthalate

Concen: 48.31 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:149 Resp: 2373522

Ion Ratio Lower Upper

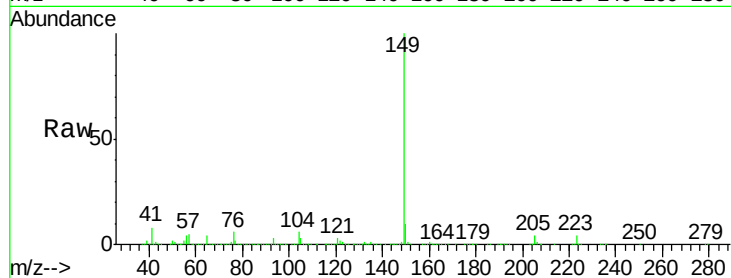
149 100

150 10.3 8.1 12.1

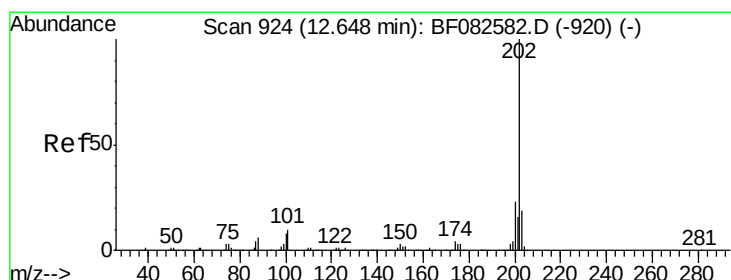
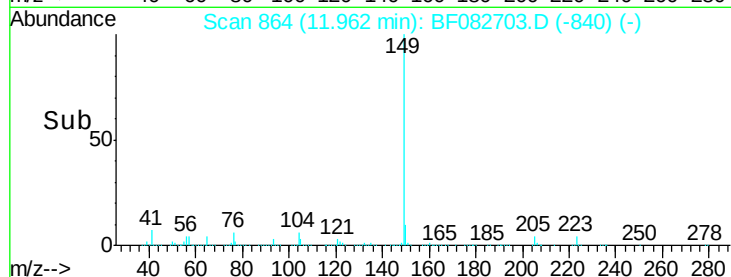
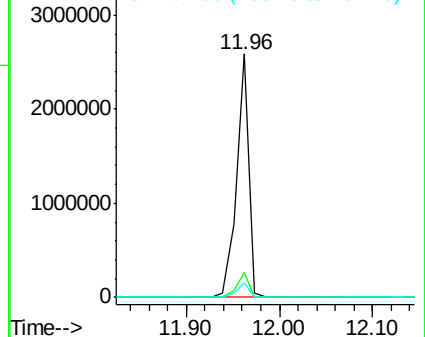
104 5.7 5.2 7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.68 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

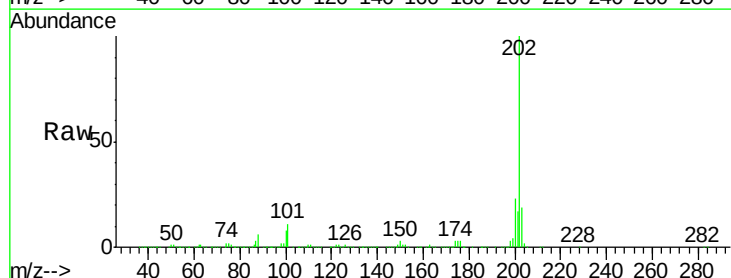
Tgt Ion:202 Resp: 1965108

Ion Ratio Lower Upper

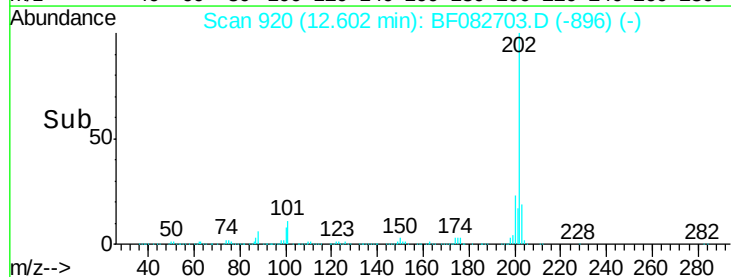
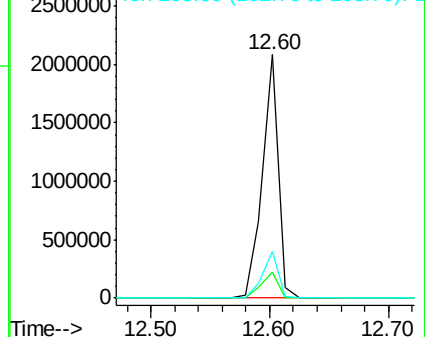
202 100

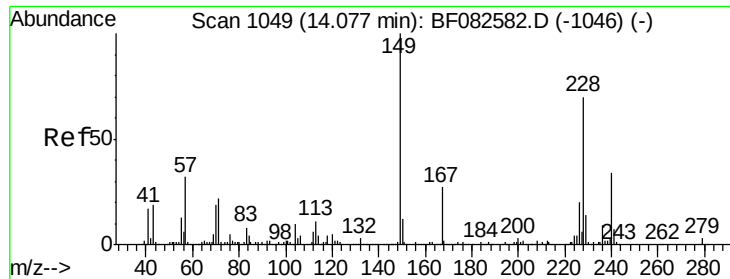
101 10.6 0.0 30.5

203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

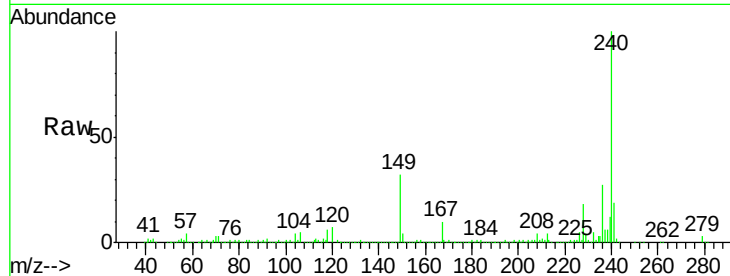
ClientSampleId :

SB-07(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	705028		
120	6.7	10.9	16.3	
236	26.6	21.6	32.4	

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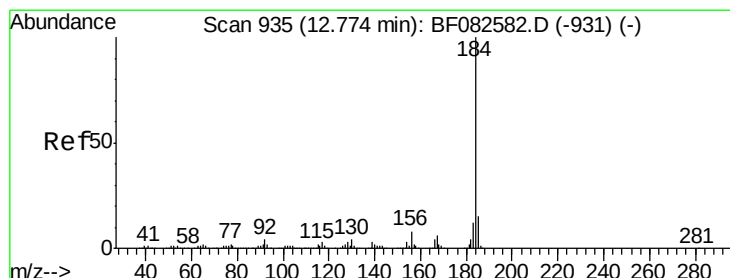
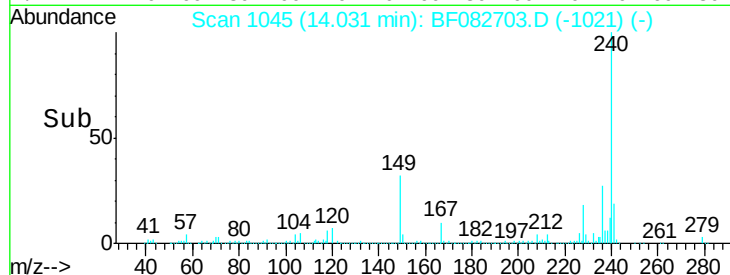
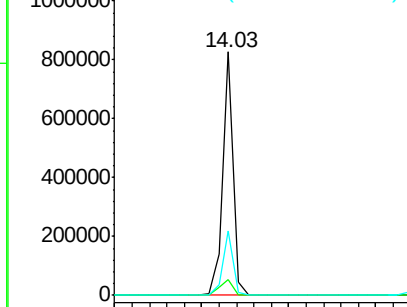


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.75 ng

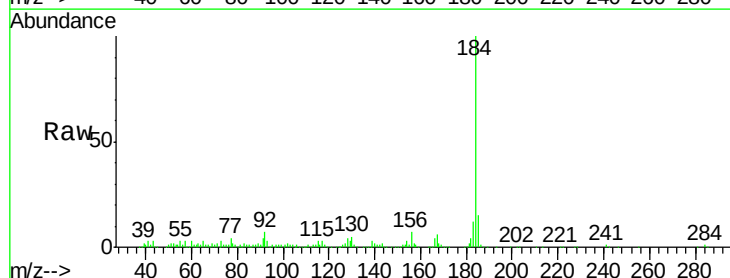
RT: 12.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	373568		
185	15.3	12.0	18.0	
183	11.5	9.6	14.4	

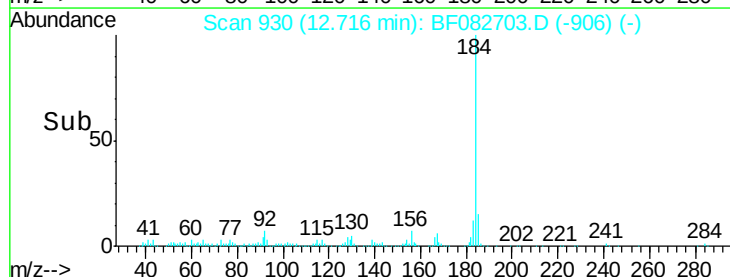
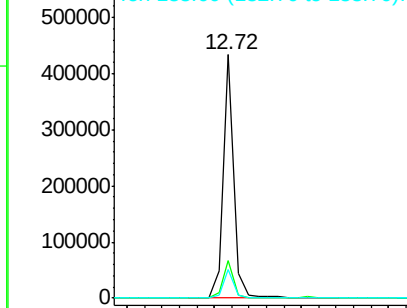


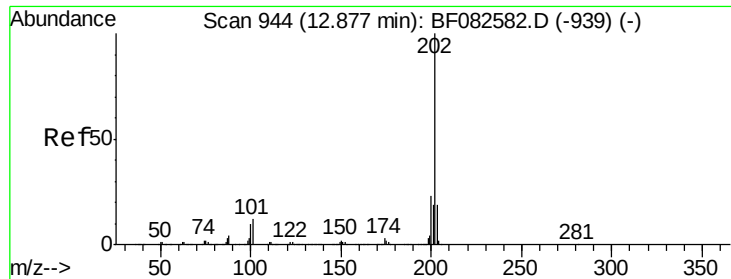
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





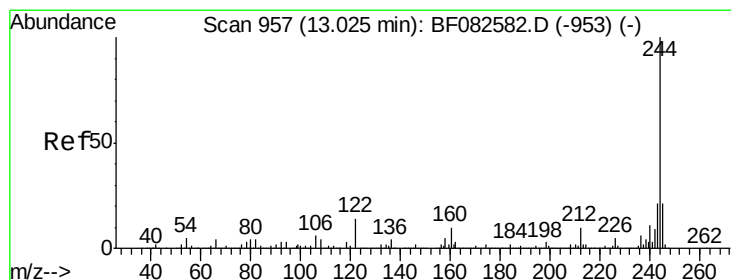
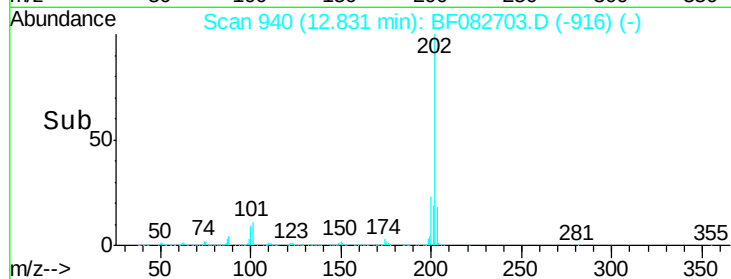
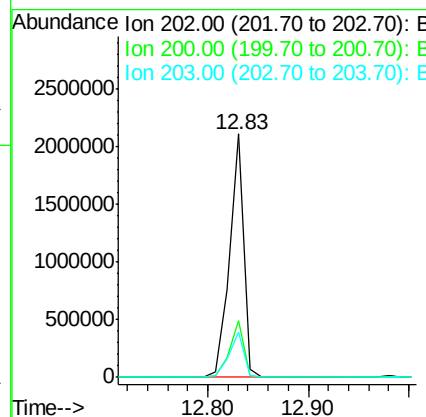
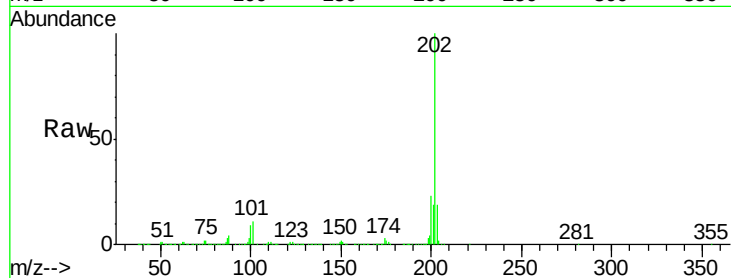
#77
Pvrene
Concen: 39.36 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.7	28.1
203	18.5	14.8	22.2

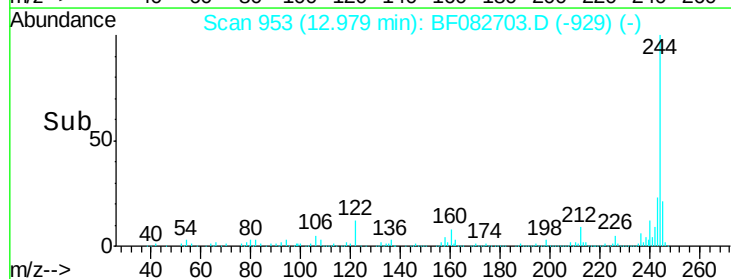
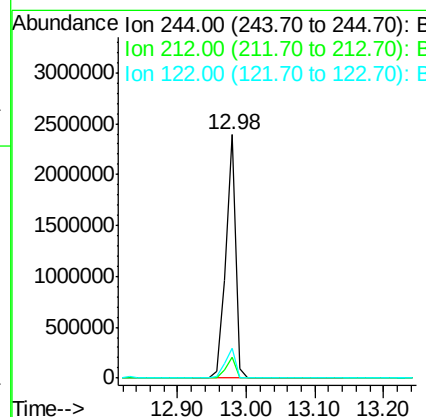
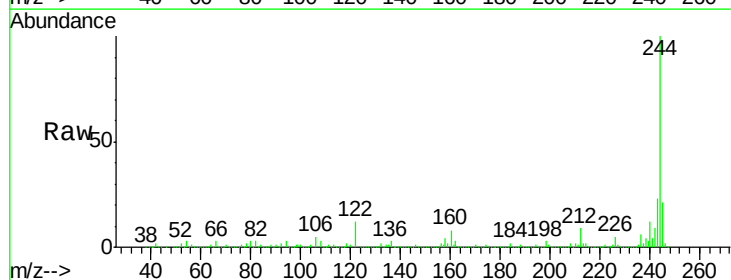
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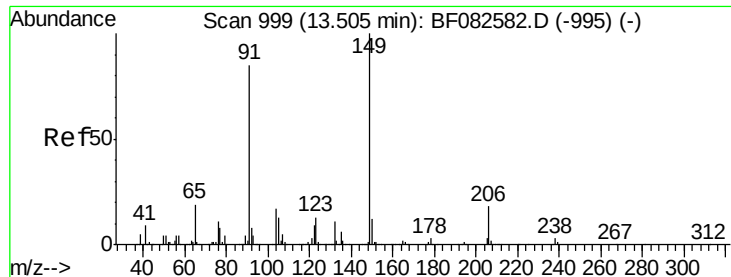
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#78
Terphenyl-d14
Concen: 75.07 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	12.3	11.3	16.9





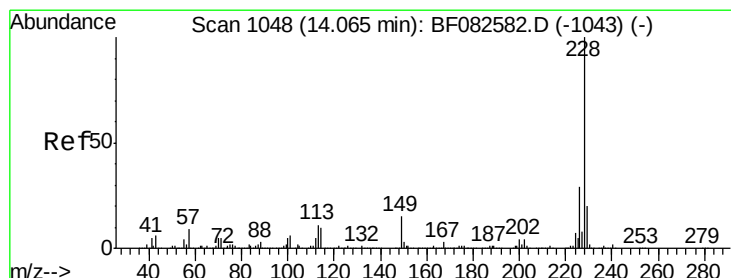
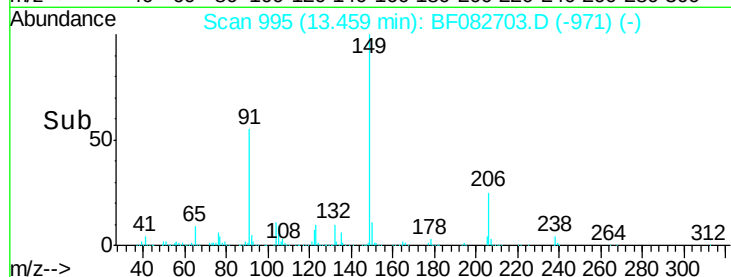
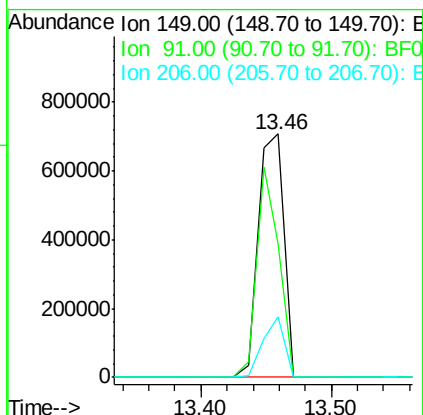
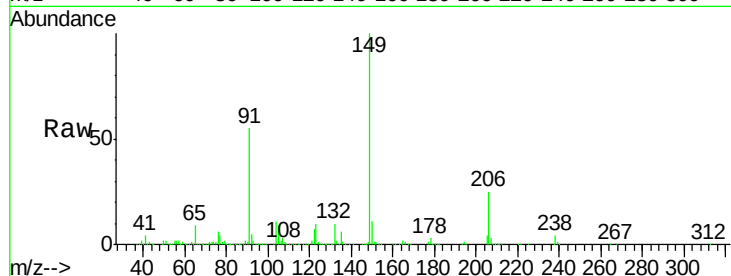
#79
Butylbenzylphthalate
Concen: 42.49 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.8	67.7	101.5#
206	25.0	14.6	22.0#

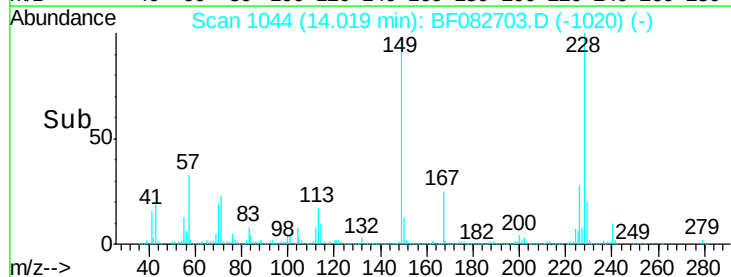
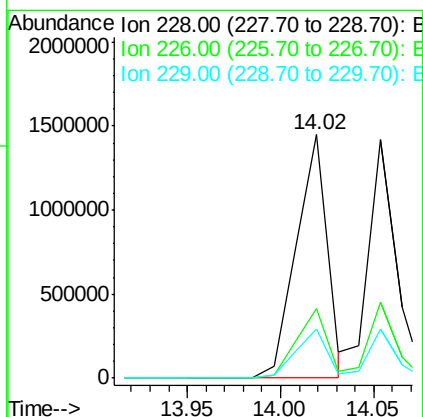
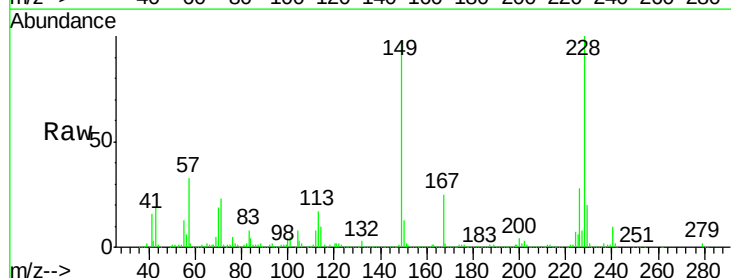
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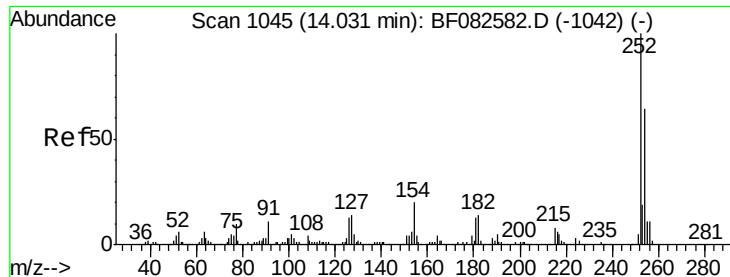
Mmdadoda
11/5/2015 2:19:42 PM



#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.2	16.3	24.5





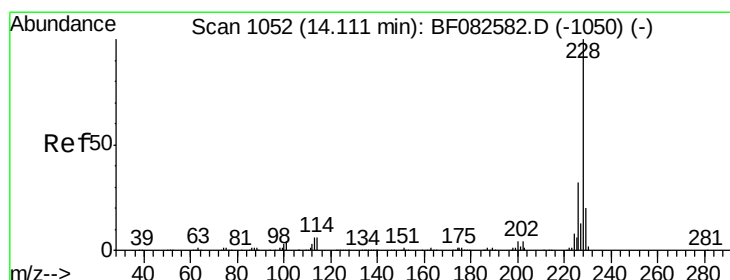
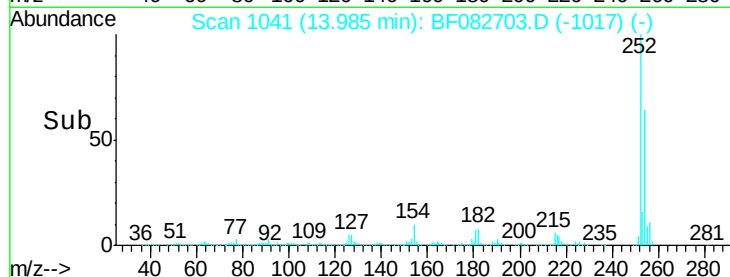
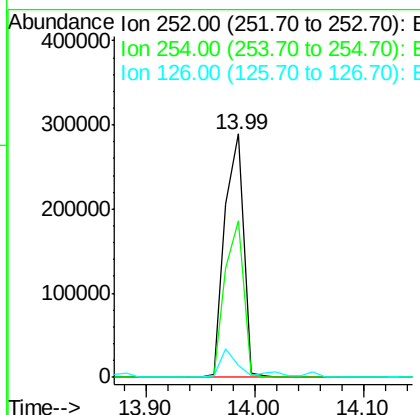
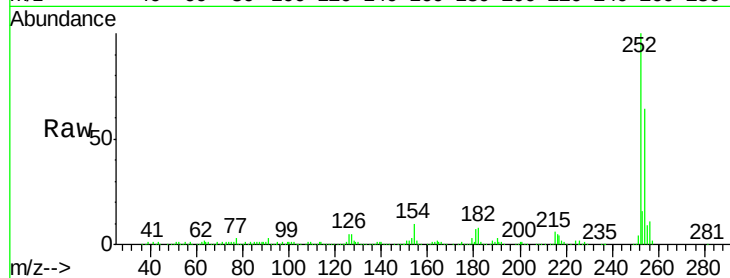
#81
 3,3'-Dichlorobenzidine
 Concen: 22.59 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.4	77.0
126	5.1	10.7	16.1#

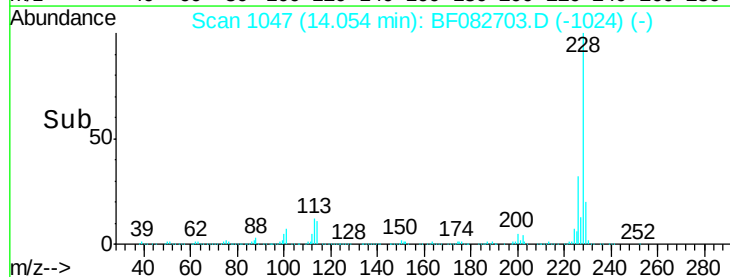
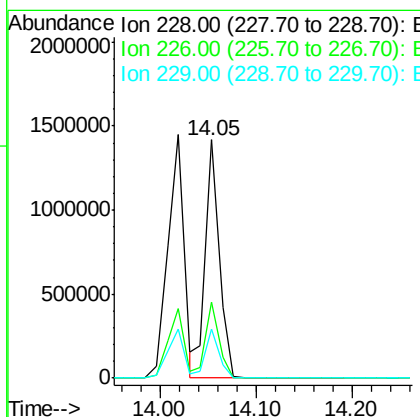
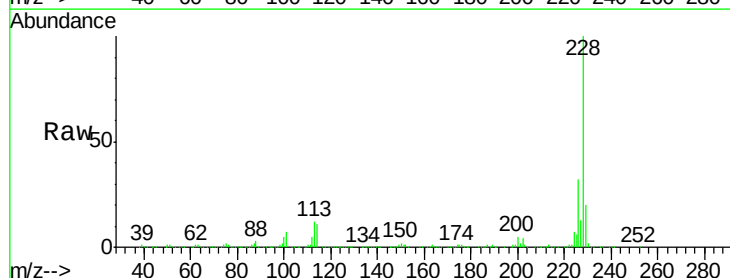
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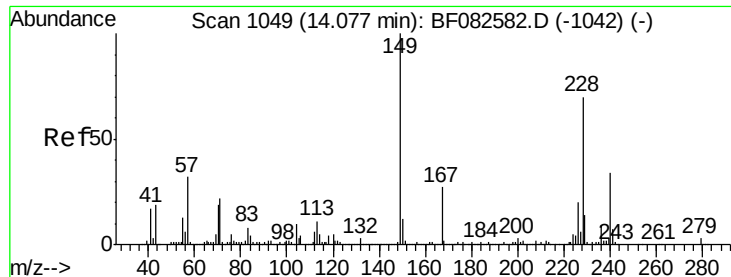
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#82
 Chrysene
 Concen: 34.96 ng m
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.02 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:149 Resp: 1245575

Ion Ratio Lower Upper

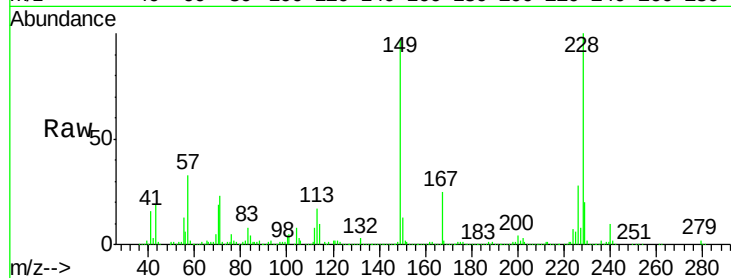
149 100

167 25.6 21.2 31.8

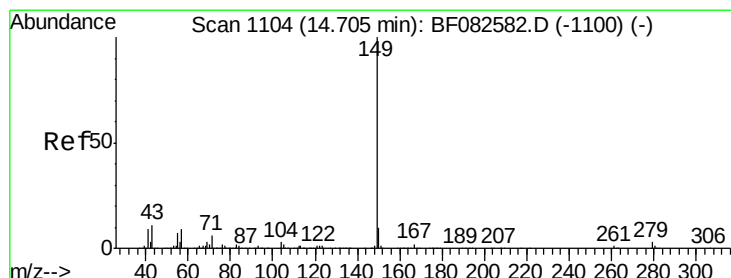
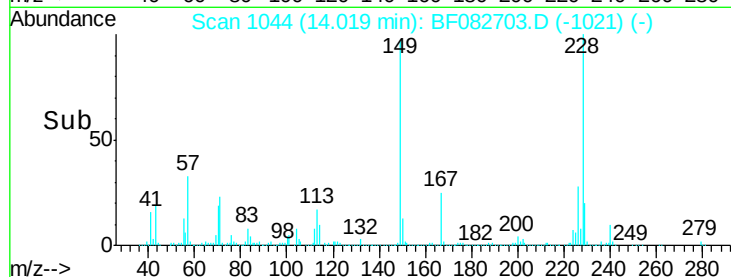
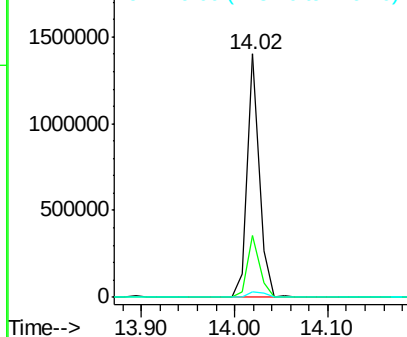
279 2.5 2.2 3.2

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



#84

Di-n-octyl phthalate

Concen: 41.41 ng

RT: 14.64 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

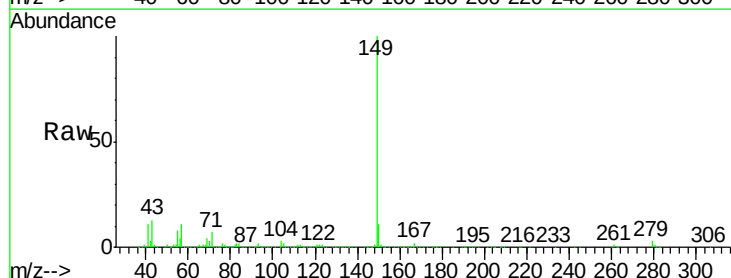
Tgt Ion:149 Resp: 1914600

Ion Ratio Lower Upper

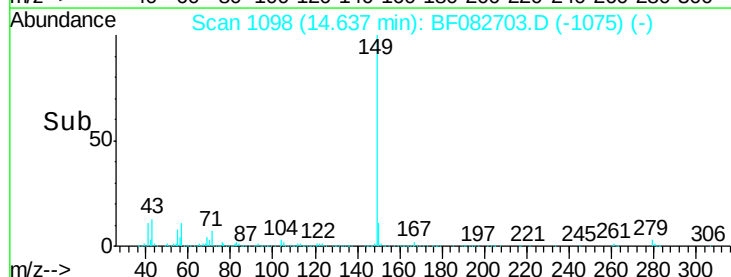
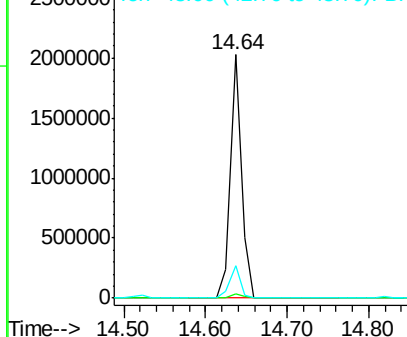
149 100

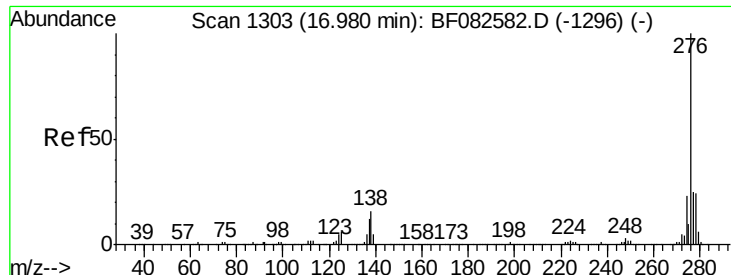
167 1.7 1.3 1.9

43 12.3 10.1 15.1



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





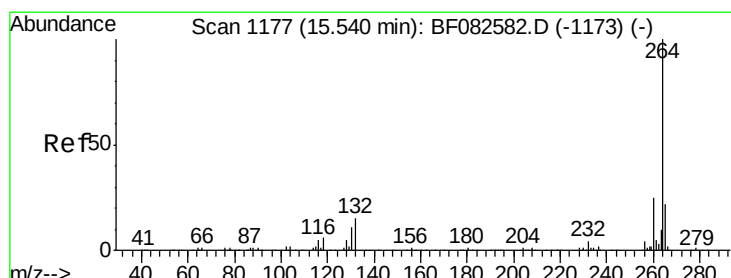
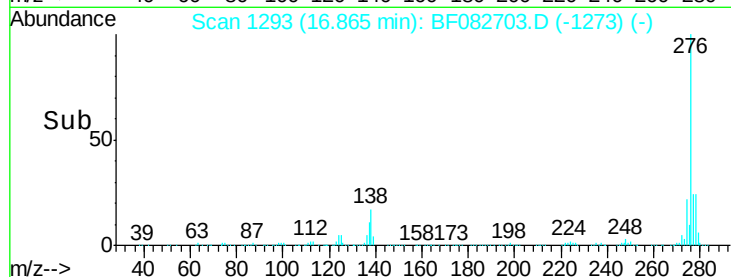
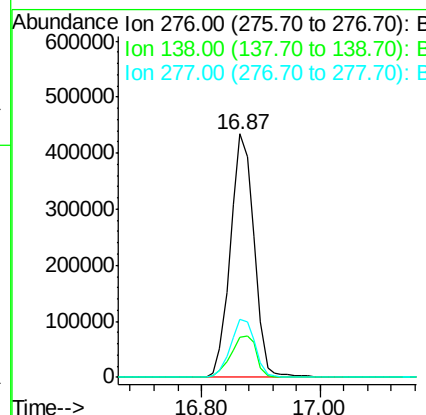
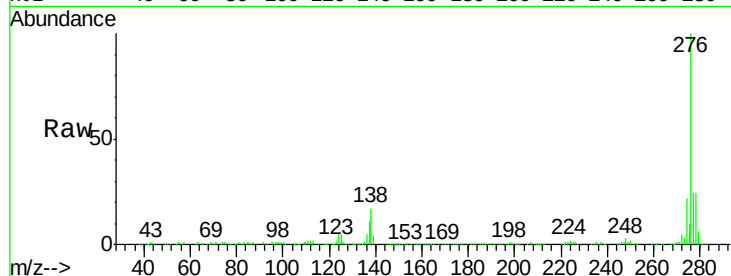
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.71 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	18.6	15.3	22.9	
277	25.0	20.2	30.4	

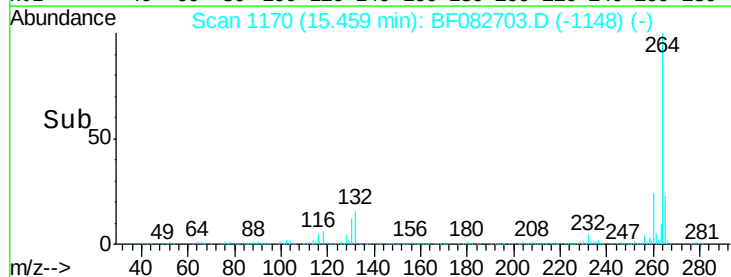
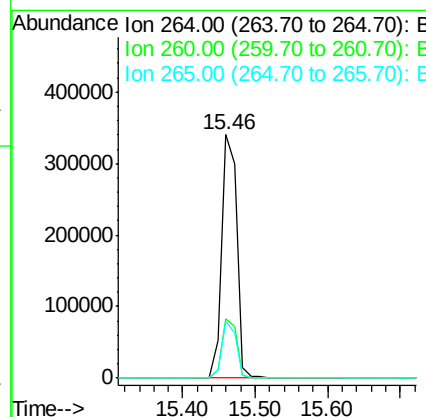
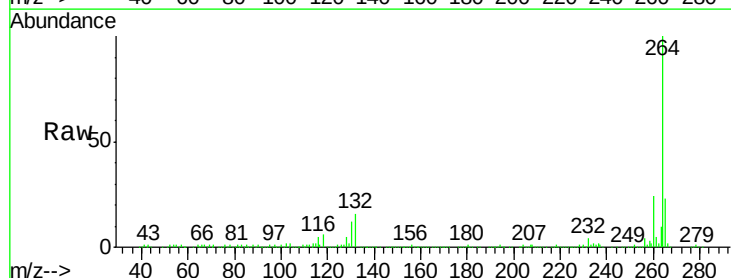
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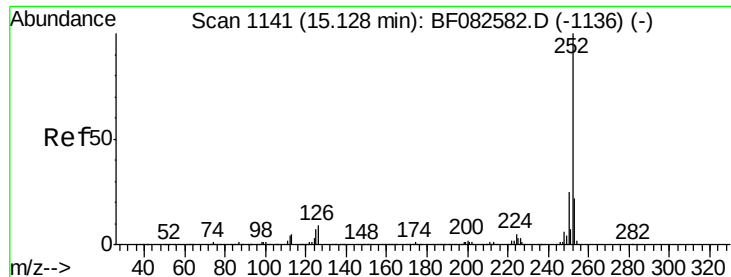
Mmdadoda
 11/5/2015 2:19:42 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.8	29.6	
265	23.1	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 42.90 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

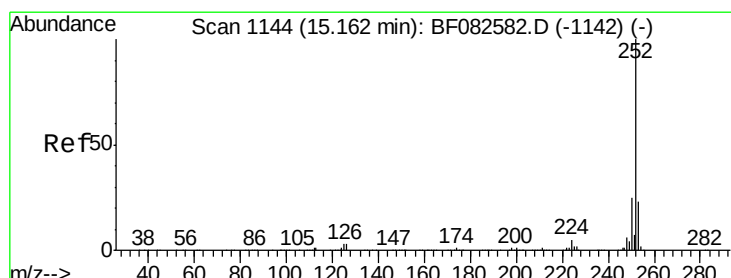
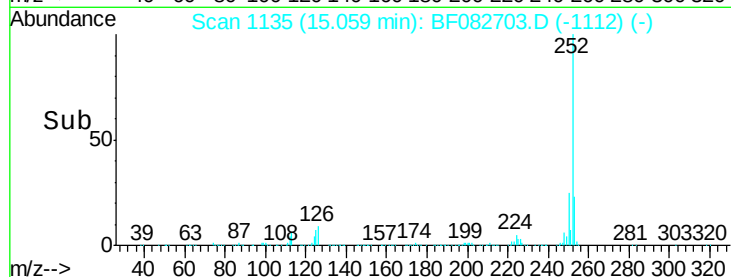
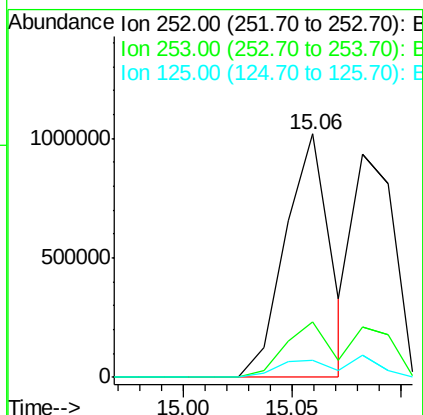
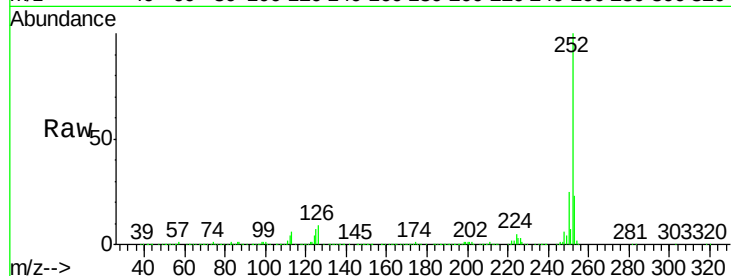
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	252	Resp:	1460139
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	7.1	5.4	8.2

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.77 ng m

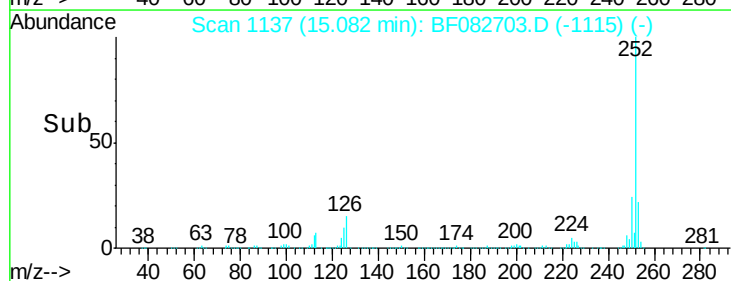
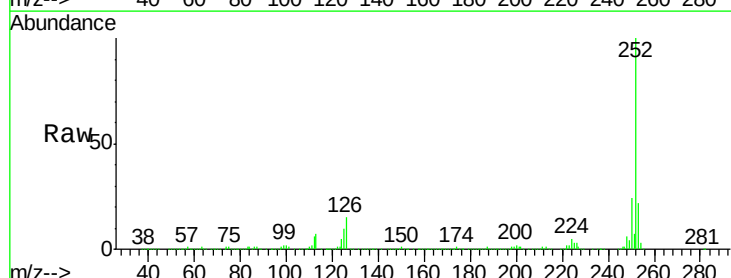
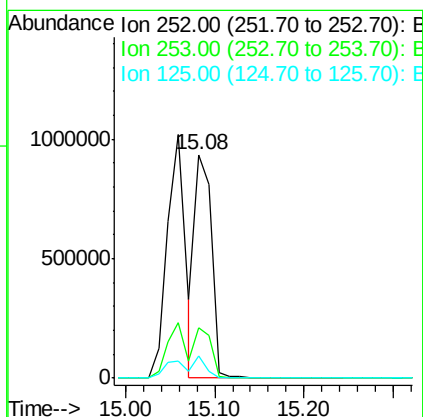
RT: 15.08 min Scan# 1137

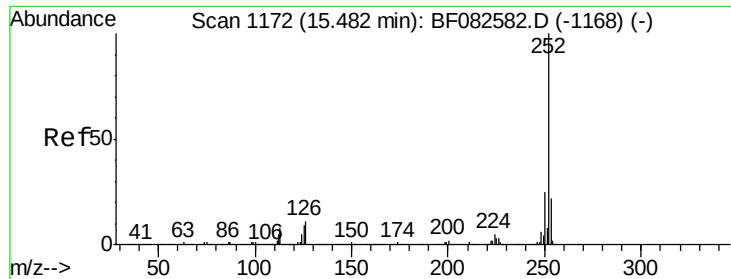
Delta R.T. -0.05 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	252	Resp:	1238715
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	9.8	3.5	5.3#





#89

Benzo(a)pyrene

Concen: 46.71 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

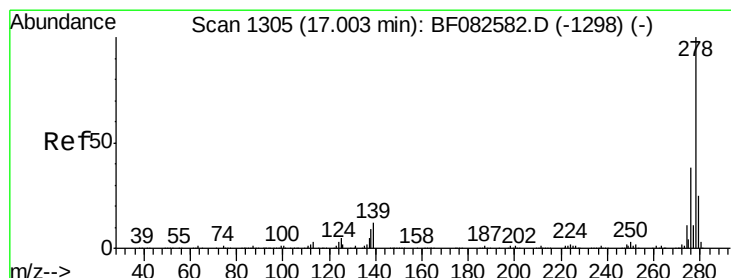
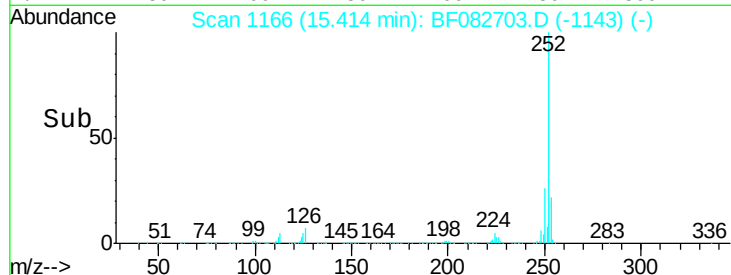
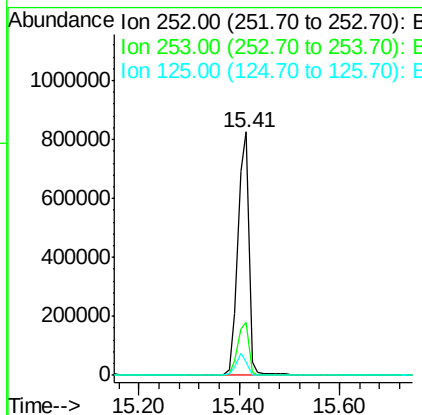
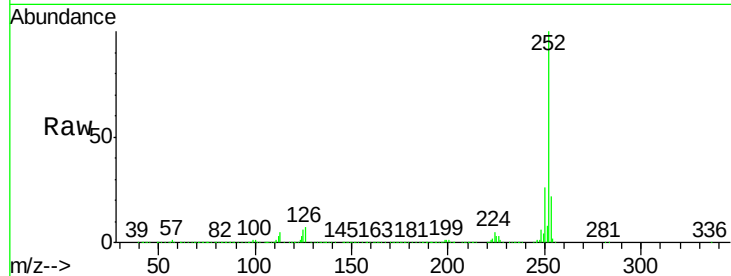
ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	252	Resp:	1252023
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	5.6	7.1	10.7#

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#90

Dibenzo(a,h)anthracene

Concen: 40.39 ng

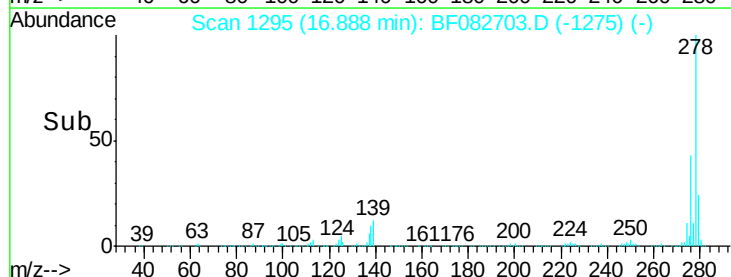
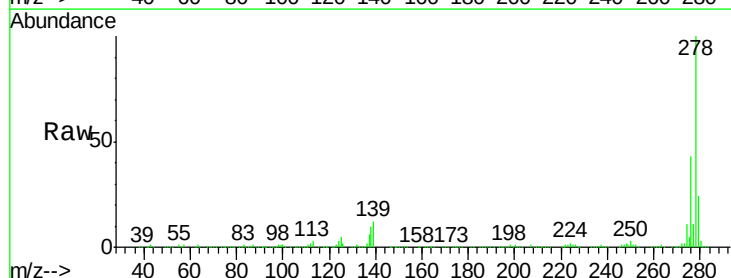
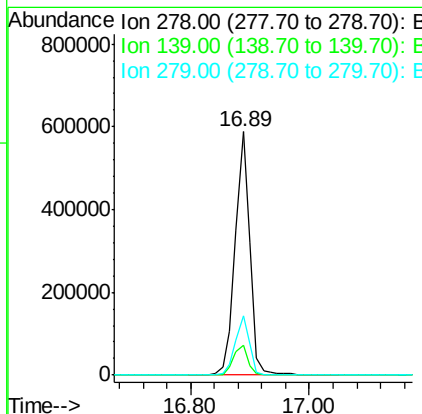
RT: 16.89 min Scan# 1295

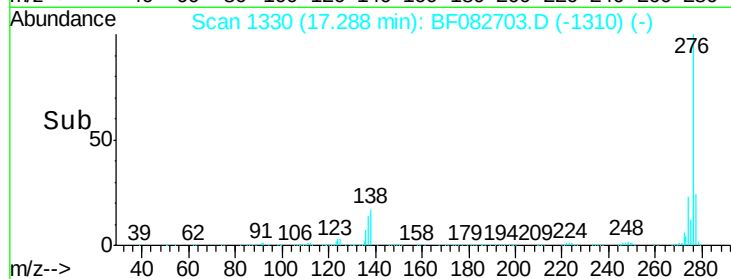
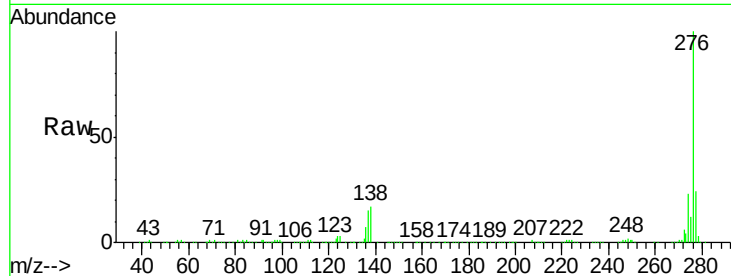
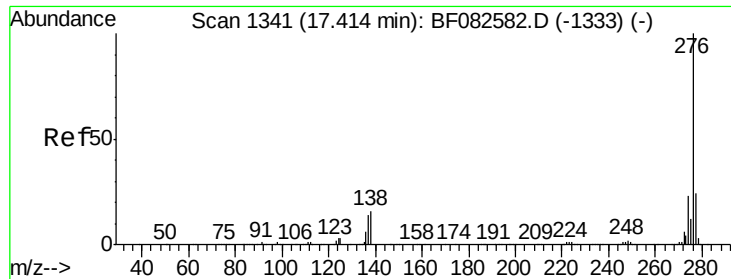
Delta R.T. -0.07 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:	278	Resp:	1010352
Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.9	14.9
279	24.3	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 39.02 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tot Ion:	276	Resp:	945957
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.2	28.8
138	16.8	13.1	19.7

Manual Integrations
APPROVED

Mmdadoda
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