

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082702.D
 Acq On : 4 Nov 2015 15:48
 Operator : UM/IZ
 Sample : G4240-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 11/5/2015 2:19:32 PM

Quant Time: Nov 05 04:52:53 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	187540	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	744410	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	391991	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	774879	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	687375	20.00	ng	-0.02
86) Perylene-d12	15.47	264	529871	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1640839	131.78	ng	0.01
7) Phenol-d6	6.51	99	2189734	132.37	ng	0.00
23) Nitrobenzene-d5	7.44	82	1555088	85.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	696843	162.44	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	2024336	73.32	ng	-0.02
78) Terphenyl-d14	12.98	244	2289291	72.89	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	178501	31.01	ng	94
3) Pyridine	3.25	79	479577	28.42	ng	99
4) n-Nitrosodimethylamine	3.20	42	308345	32.46	ng	94
6) Aniline	6.53	93	430568	18.69	ng	97
8) 2-Chlorophenol	6.66	128	572435	42.49	ng	96
9) Benzaldehyde	6.41	77	199883	17.70	ng	87
10) Phenol	6.52	94	868502	46.33	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	535146	38.70	ng	93
12) 1,3-Dichlorobenzene	6.81	146	632898m	41.20	ng	
13) 1,4-Dichlorobenzene	6.89	146	633469m	41.58	ng	
14) 1,2-Dichlorobenzene	7.04	146	573760	40.57	ng	95
15) Benzyl Alcohol	7.01	79	674218	43.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	870449	39.61	ng	96
17) 2-Methylphenol	7.13	107	511047	44.61	ng	98
18) Hexachloroethane	7.38	117	226011	38.01	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	464575	37.05	ng	92
20) 3+4-Methylphenols	7.28	107	650250	43.68	ng	# 88
22) Acetophenone	7.28	105	878652	40.09	ng	# 87
24) Nitrobenzene	7.45	77	664155	36.04	ng	# 88
25) Isophorone	7.70	82	1331530	39.70	ng	97
26) 2-Nitrophenol	7.77	139	318688	47.35	ng	# 79
27) 2,4-Dimethylphenol	7.81	122	568010	43.23	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	754634	41.14	ng	# 98
29) 2,4-Dichlorophenol	8.01	162	515495	43.04	ng	87
30) 1,2,4-Trichlorobenzene	8.10	180	562384	42.31	ng	94
31) Naphthalene	8.18	128	1770775	43.96	ng	99
32) Benzoic acid	7.87	122	26843	2.82	ng	92
33) 4-Chloroaniline	8.21	127	140145m	8.15	ng	
34) Hexachlorobutadiene	8.30	225	361065	42.71	ng	97
35) Caprolactam	8.60	113	182391m	49.64	ng	
36) 4-Chloro-3-methylphenol	8.72	107	649547	46.06	ng	# 87
37) 2-Methylnaphthalene	8.86	142	1092433	41.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	532653	40.72	ng	97
40) Hexachlorocyclopentadiene	9.02	237	657076	79.90	ng	100

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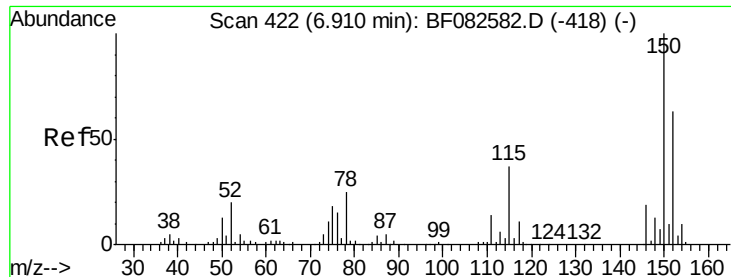
Manual Integrations
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 11/5/2015 2:19:32 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	448143	47.45	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	411812	43.76	nq	96
45) 1,1'-Biphenyl	9.33	154	1479367	44.68	nq	98
46) 2-Chloronaphthalene	9.36	162	1131208	43.75	nq	97
47) 2-Nitroaniline	9.45	65	446925	44.47	nq	# 85
48) Acenaphthylene	9.77	152	1758220	42.52	nq	100
49) Dimethylphthalate	9.64	163	2094044	65.41	nq	100
50) 2,6-Dinitrotoluene	9.70	165	329786	49.70	nq	# 62
51) Acenaphthene	9.94	154	1191990	45.40	nq	100
52) 3-Nitroaniline	9.86	138	172365	23.35	nq	# 69
53) 2,4-Dinitrophenol	9.96	184	229733	66.25	nq	# 32
54) Dibenzofuran	10.12	168	1654772	46.45	nq	# 87
55) 4-Nitrophenol	10.03	139	583376	105.03	nq	96
56) 2,4-Dinitrotoluene	10.10	165	468114	52.17	nq	91
57) Fluorene	10.45	166	1240391	43.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	395770m	49.76	nq	
59) Diethylphthalate	10.34	149	1525681	46.81	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	676019	48.40	nq	98
61) 4-Nitroaniline	10.48	138	289765	41.13	nq	92
62) Azobenzene	10.61	77	1677114	45.63	nq	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	252540	54.04	nq	76
65) n-Nitrosodiphenylamine	10.57	169	1065018	39.98	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	392147	44.66	nq	98
67) Hexachlorobenzene	11.01	284	438747	45.06	nq	# 57
68) Atrazine	11.10	200	441066	50.61	nq	91
69) Pentachlorophenol	11.20	266	500242	77.91	nq	98
70) Phenanthrene	11.41	178	1768241	40.46	nq	99
71) Anthracene	11.47	178	2058300	46.77	nq	100
72) Carbazole	11.62	167	1643997	42.89	nq	100
73) Di-n-butylphthalate	11.96	149	2272896	46.58	nq	99
74) Fluoranthene	12.60	202	1906497	42.67	nq	99
76) Benzidine	12.72	184	564236	18.20	nq	99
77) Pyrene	12.83	202	1942525	38.16	nq	100
79) Butylbenzylphthalate	13.46	149	935229	41.95	nq	# 77
80) Benzo(a)anthracene	14.02	228	1630761	37.35	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	236298	15.71	nq	97
82) Chrysene	14.05	228	1387897	35.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1175140	40.66	nq	99
84) Di-n-octyl phthalate	14.64	149	1922459	42.65	nq	97
85) Indeno(1,2,3-cd)pyrene	16.88	276	1186511	36.33	nq	99
87) Benzo(b)fluoranthene	15.06	252	1366820	37.41	nq	99
88) Benzo(k)fluoranthene	15.09	252	1359233m	48.83	nq	
89) Benzo(a)pyrene	15.41	252	1223430	42.52	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	996599	37.12	nq	99
91) Benzo(g,h,i)perylene	17.30	276	951040	36.55	nq	98

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



#1

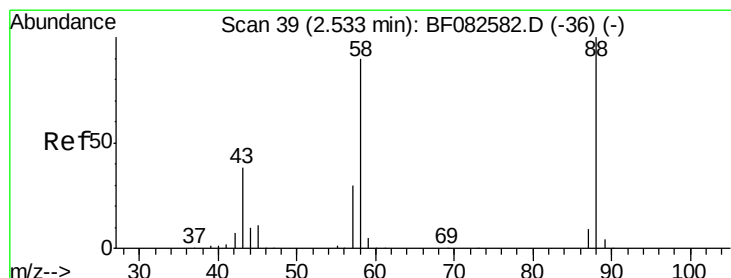
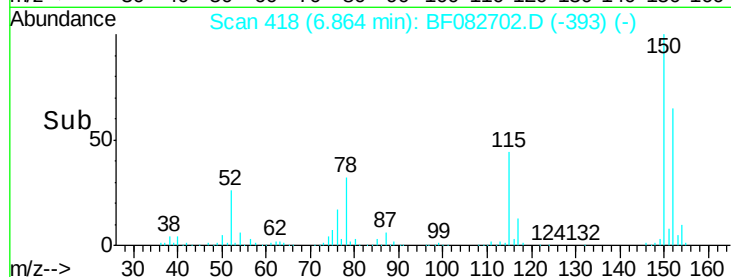
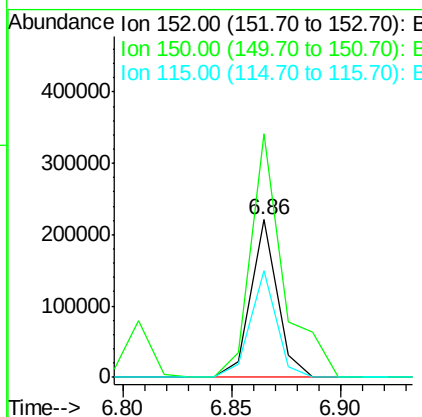
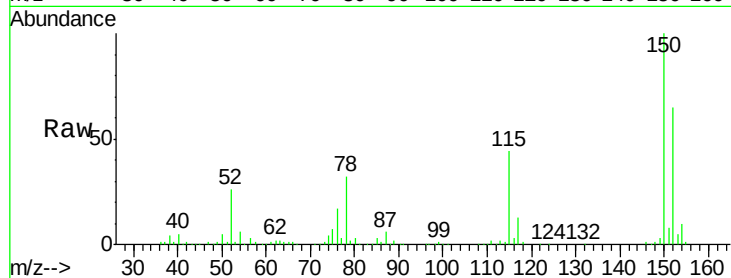
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.4
115	67.9	47.0	70.6

Manual Integrations
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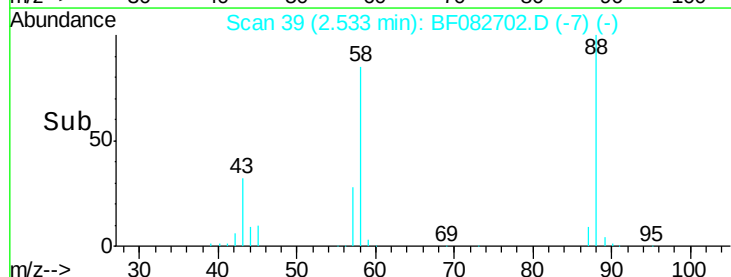
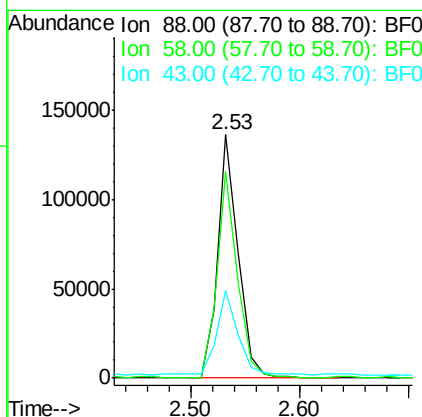
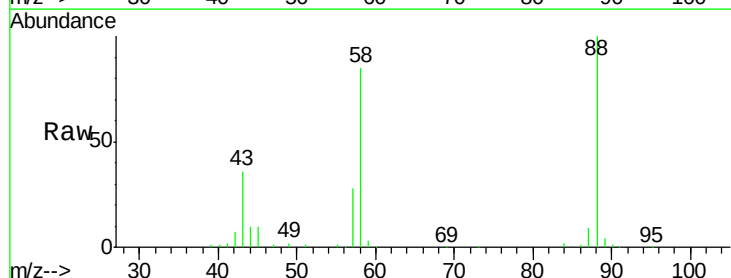
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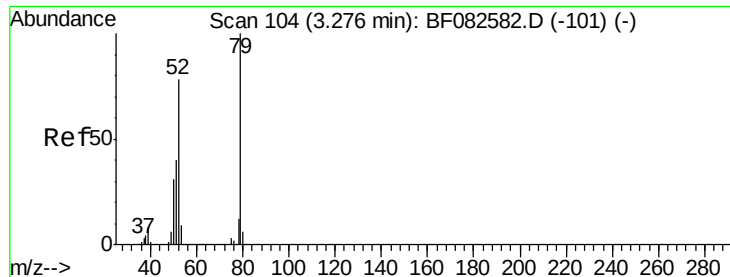


#2

1,4-Dioxane
Concen: 31.01 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.0	93.0
43	34.9	26.6	40.0





#3

Pvridine

Concen: 28.42 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

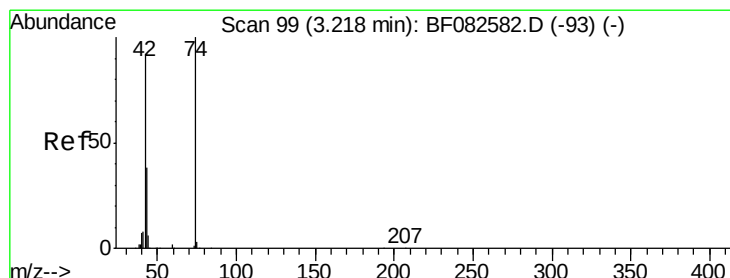
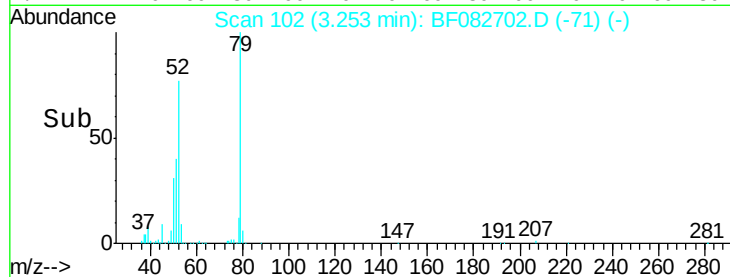
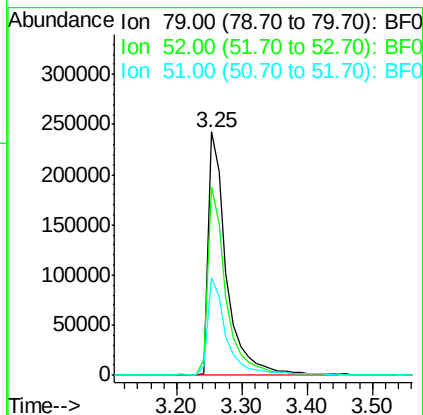
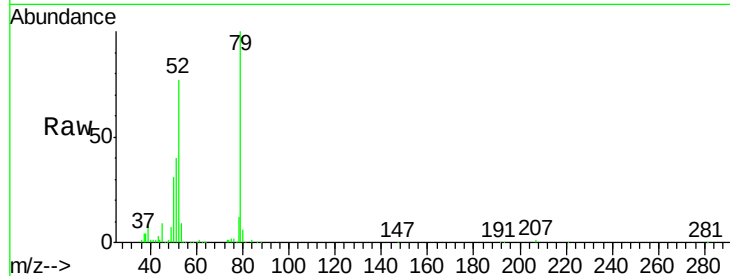
ClientSampleId :

SB-07(4-6)MS

Tot Ion:	79	Resp:	479577
Ion Ratio	Lower	Upper	
79	100		
52	77.2	62.8	94.2
51	40.3	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 32.46 ng

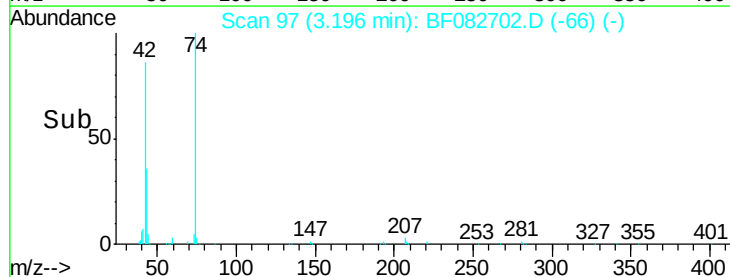
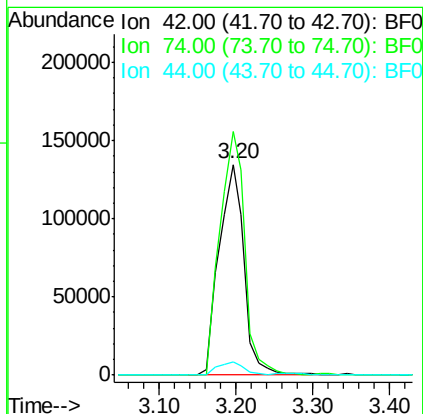
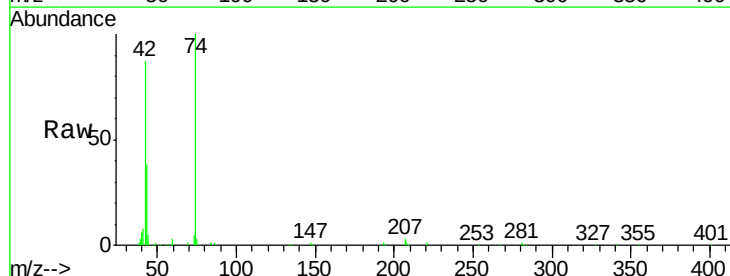
RT: 3.20 min Scan# 97

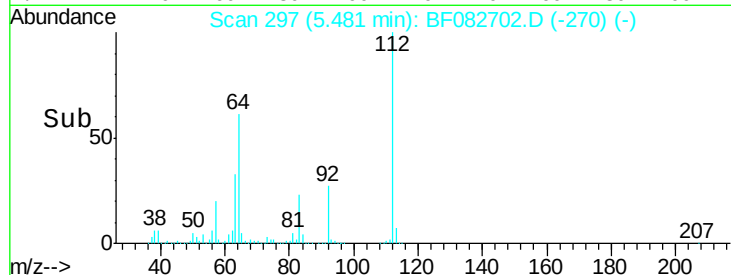
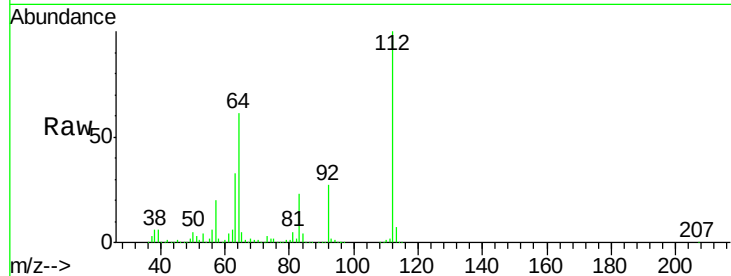
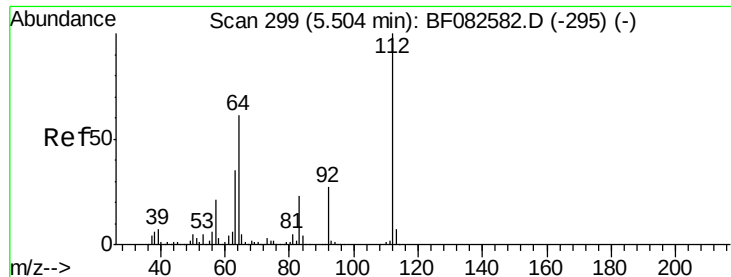
Delta R.T. 0.06 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	42	Resp:	308345
Ion Ratio	Lower	Upper	
42	100		
74	115.4	87.0	130.4
44	6.2	5.8	8.8





#5

2-Fluorophenol

Concen: 131.78 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082702.D

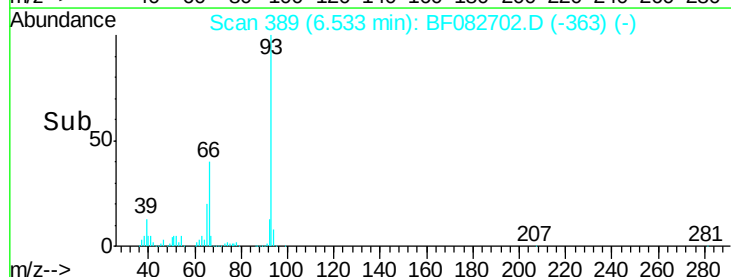
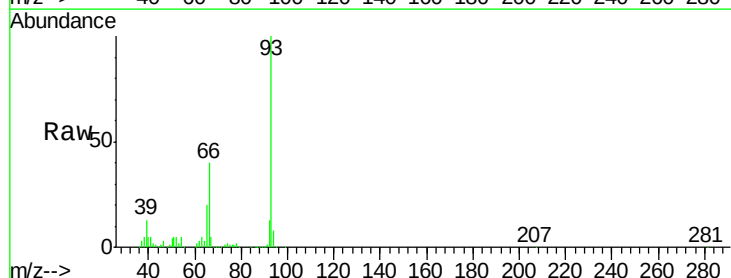
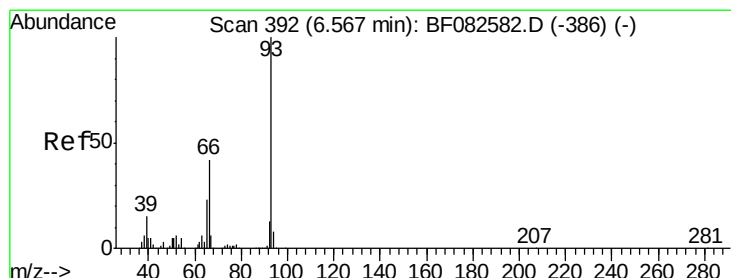
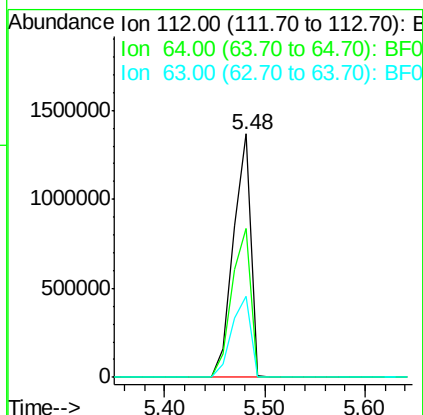
Acq: 4 Nov 2015 15:48

Tot Ion:	112	Resp:	1640839
Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.9	73.3
63	33.4	28.1	42.1

Instrument :
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SB-07(4-6)MS

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#6

Aniline

Concen: 18.69 ng

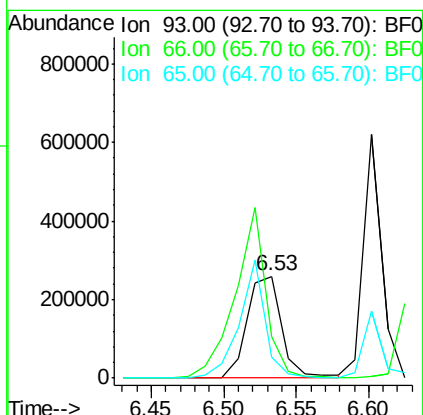
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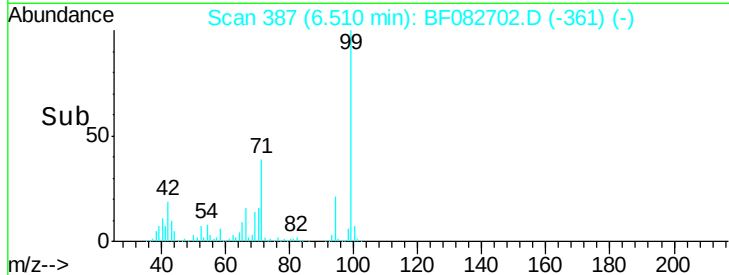
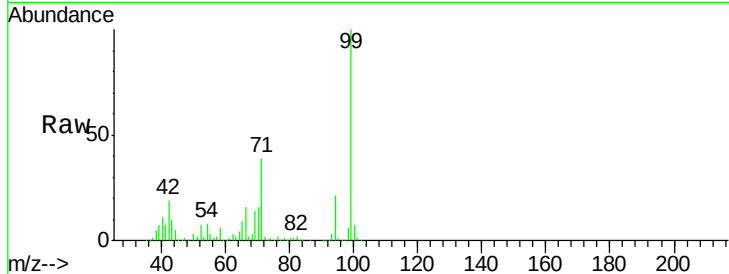
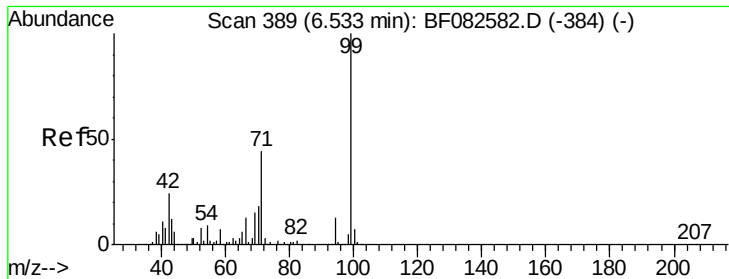
Delta R.T. 0.00 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	93	Resp:	430568
Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.6	50.4
65	20.4	18.1	27.1





#7

Phenol-d6

Concen: 132.37 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tot Ion:	99	Resp:	2189734
Ion	Ratio	Lower	Upper
99	100		
42	19.4	19.2	28.8
71	38.5	35.0	52.4

Instrument :

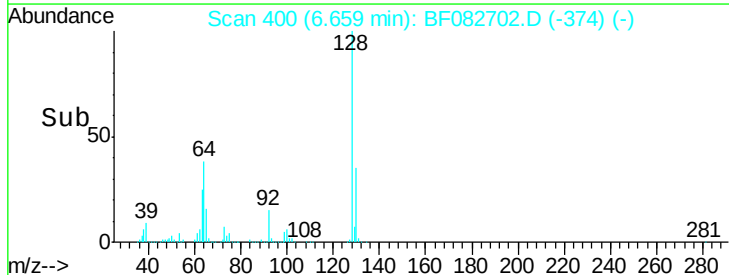
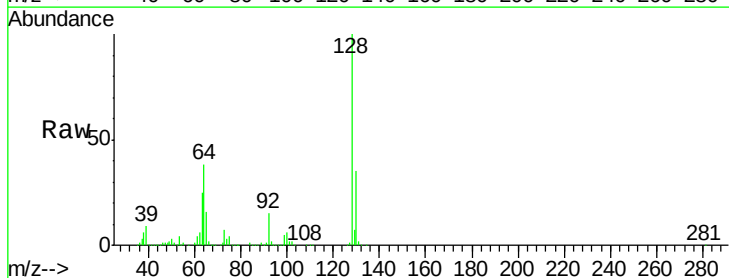
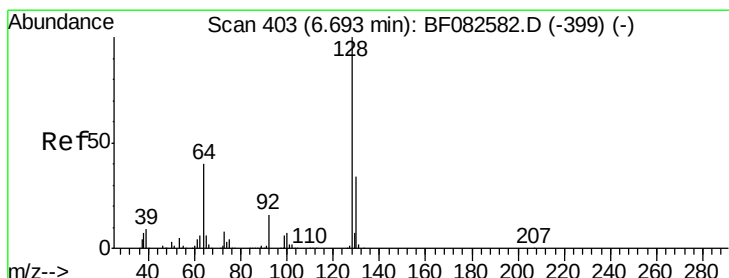
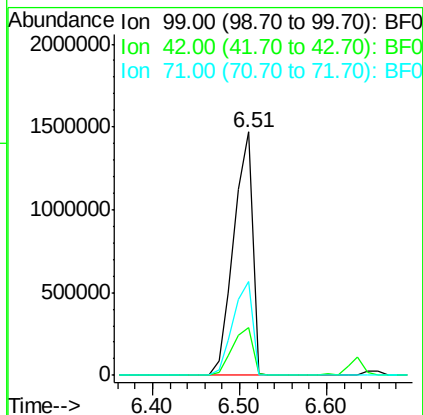
BNA_F

ClientSampleId :

SB-07(4-6)MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.49 ng

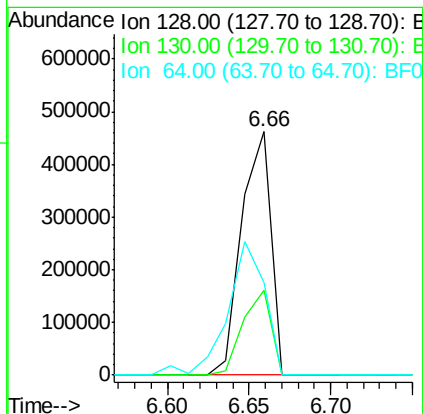
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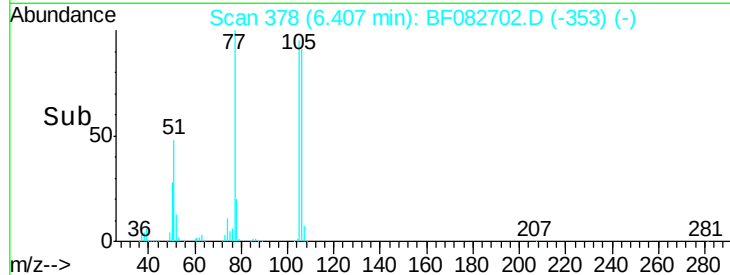
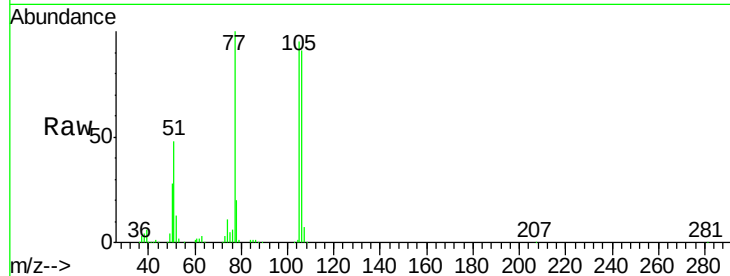
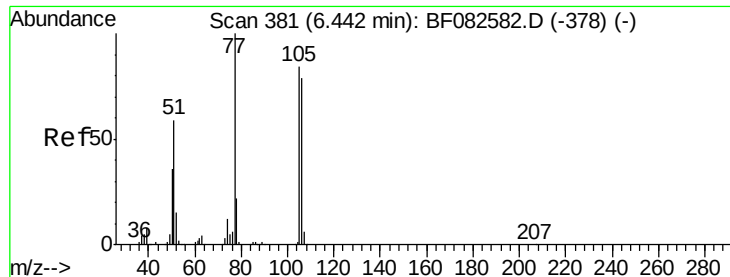
Delta R.T. 0.00 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	128	Resp:	572435
Ion	Ratio	Lower	Upper
128	100		
130	34.7	13.5	53.5
64	37.9	21.1	61.1





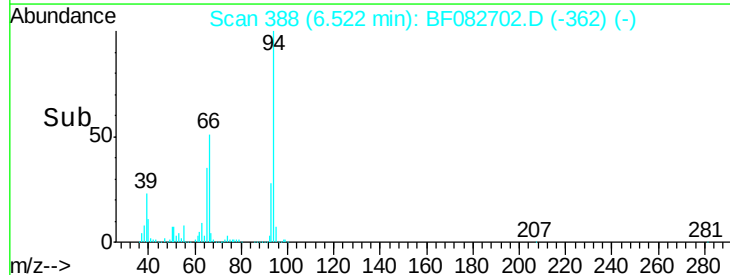
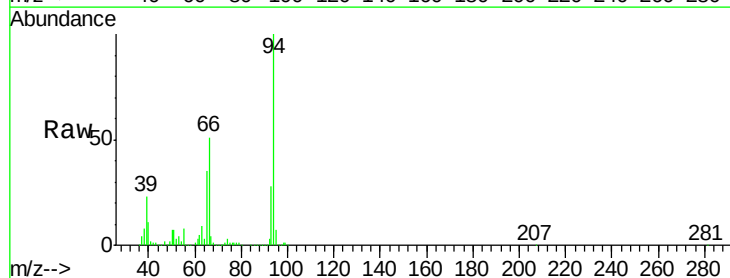
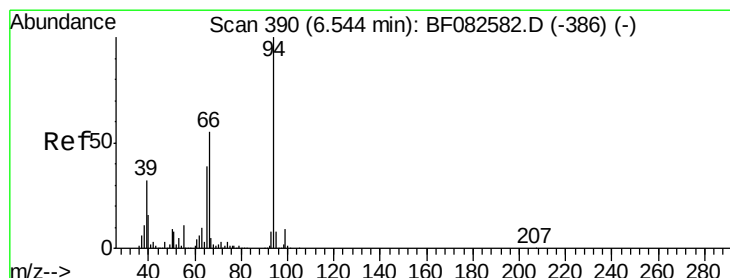
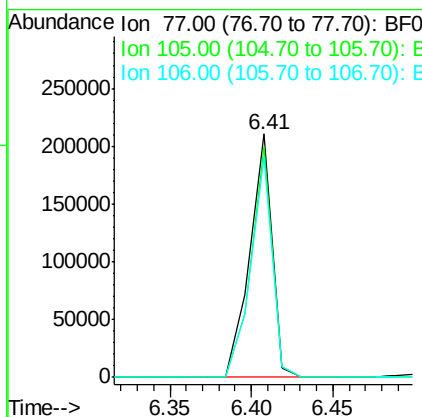
#9
Benzaldehyde
Concen: 17.70 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	63.5	103.5
106	90.7	59.3	99.3

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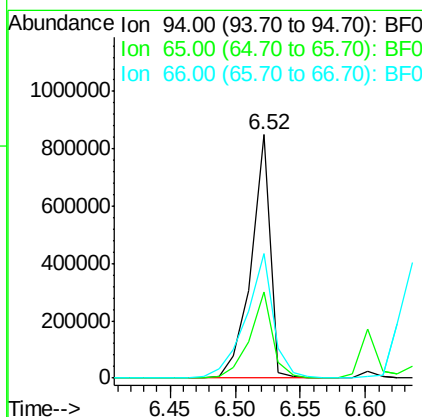
Manual Integrations
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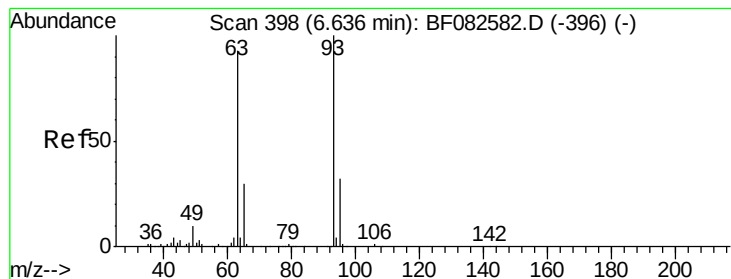
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#10
Phenol
Concen: 46.33 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	18.9	58.9
66	51.1	34.9	74.9





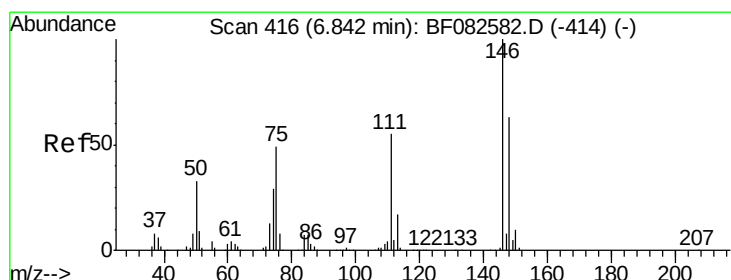
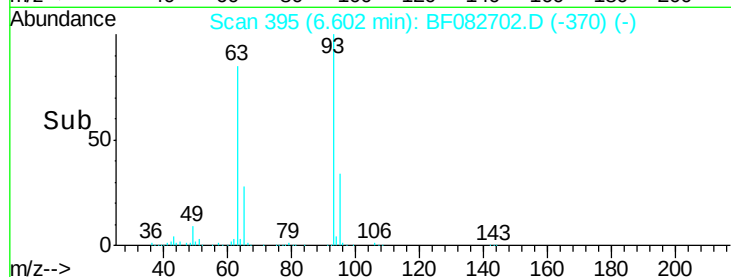
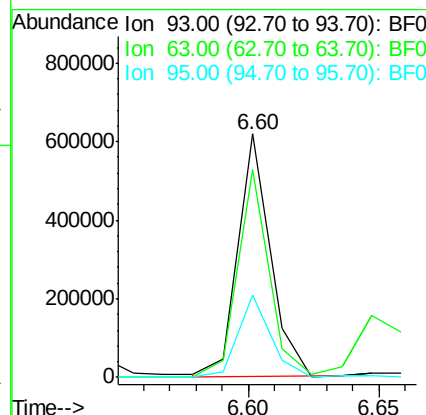
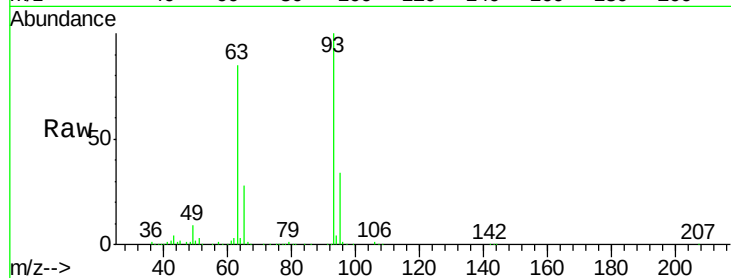
#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	72.7	112.7
95	33.6	12.0	52.0

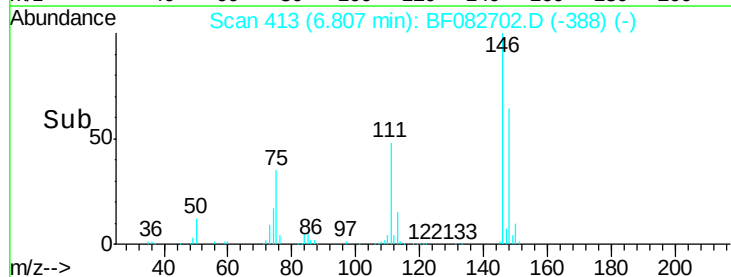
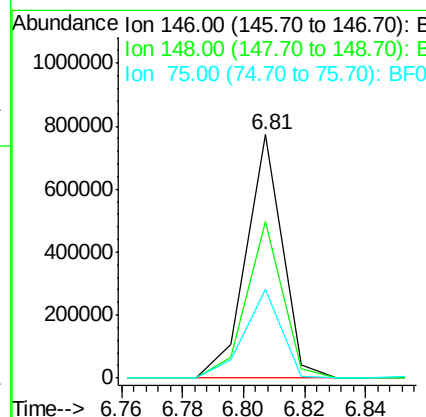
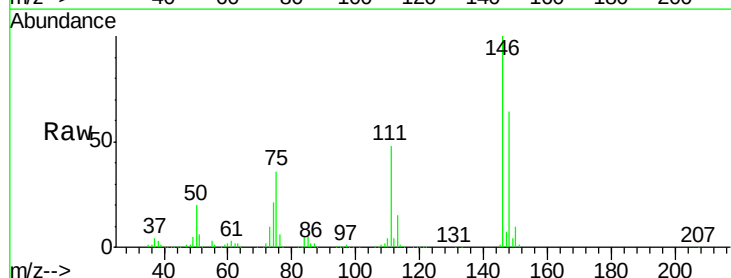
Manual Integrations
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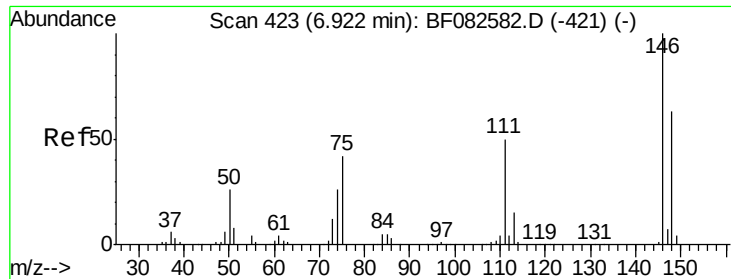
Mmdadoda
11/5/2015 2:19:32 PM



#12
1,3-Dichlorobenzene
Concen: 41.20 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	36.3	39.5	59.3





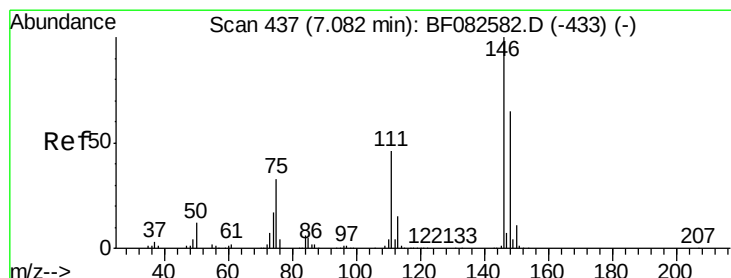
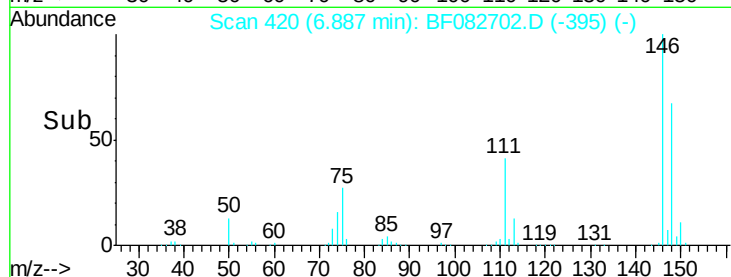
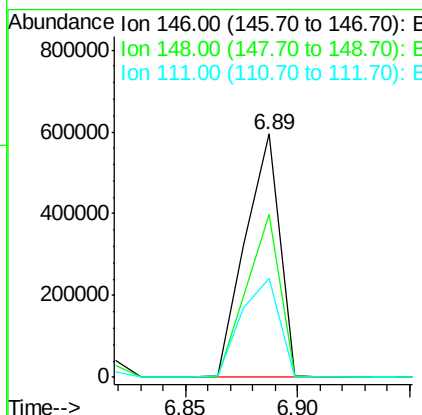
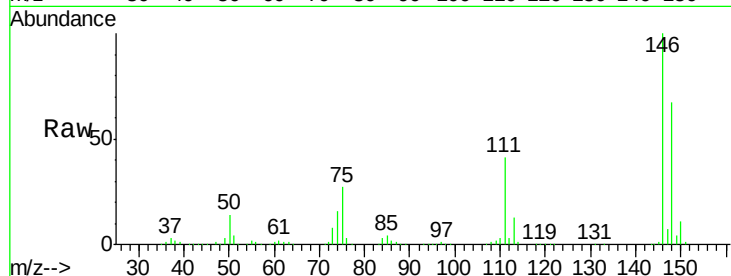
#13
 1,4-Dichlorobenzene
 Concen: 41.58 ng/mL
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.8	76.2
111	40.5	40.6	60.8

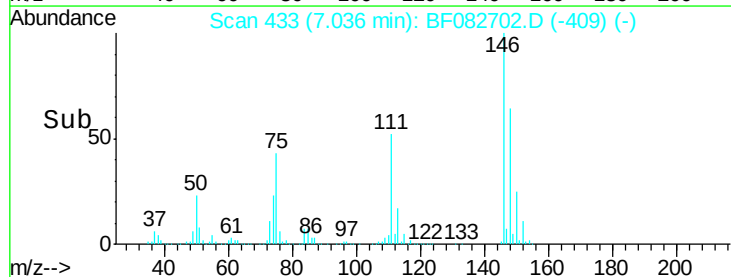
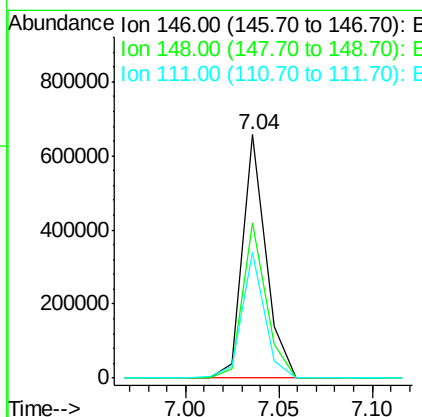
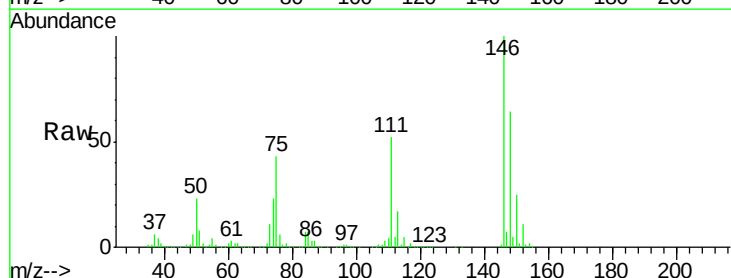
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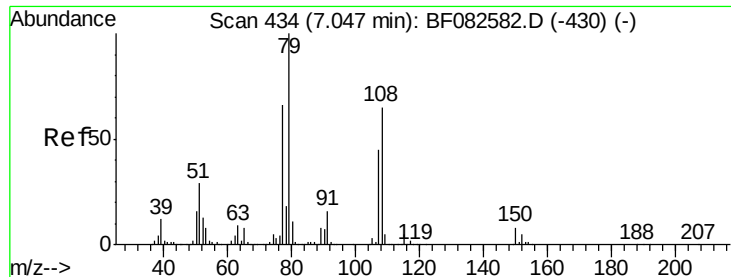
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 11/5/2015 2:19:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.57 ng/mL
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	51.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 43.71 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

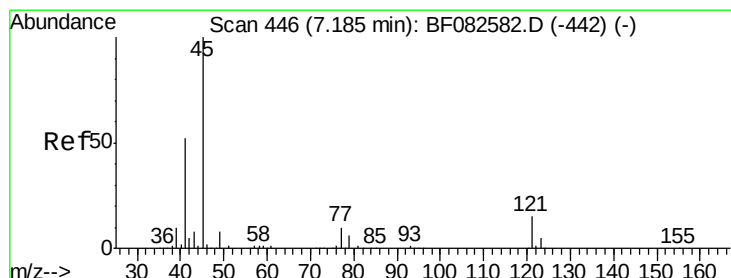
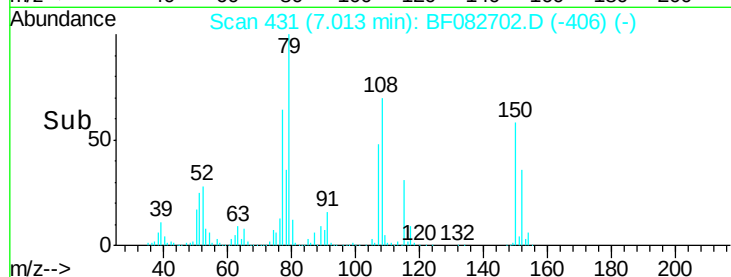
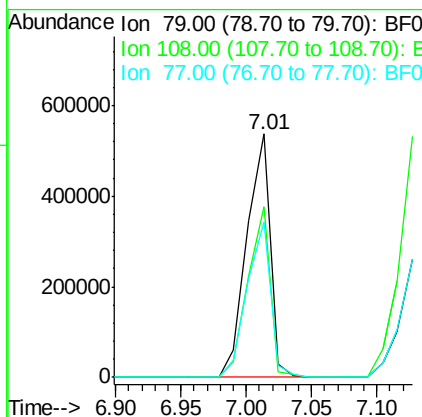
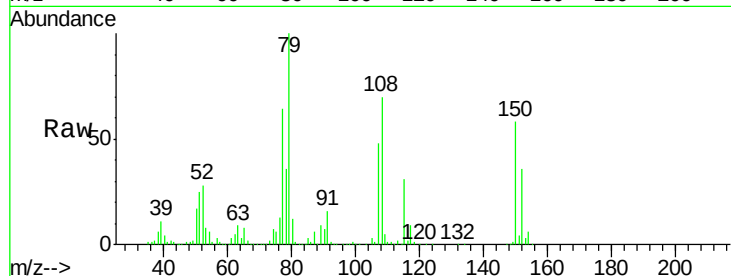
ClientSampleId :

SB-07(4-6)MS

Tot Ion:	79	Resp:	674218
Ion Ratio	Lower	Upper	
79	100		
108	70.0	52.2	78.4
77	63.9	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.61 ng

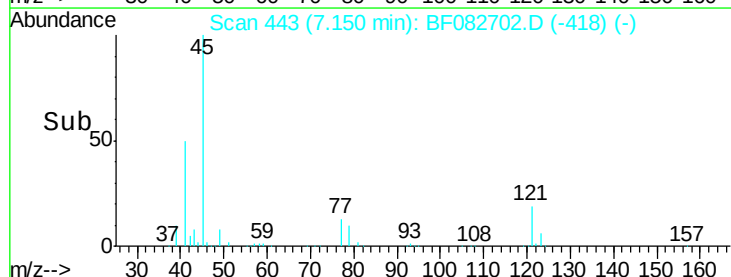
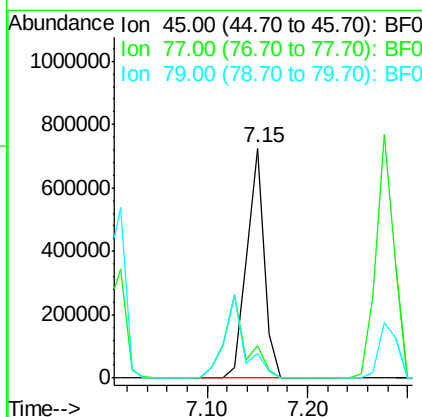
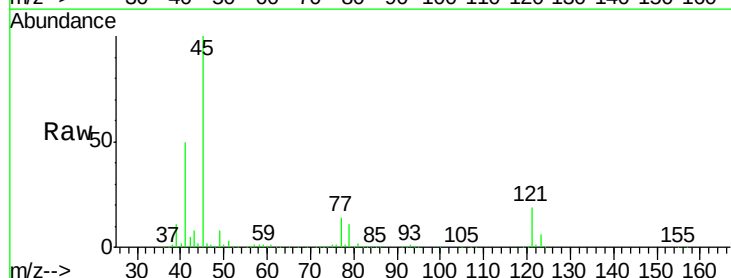
RT: 7.15 min Scan# 443

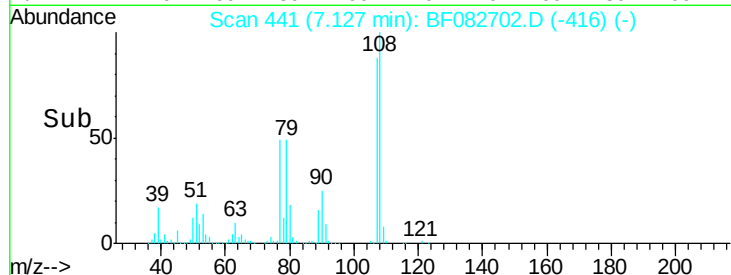
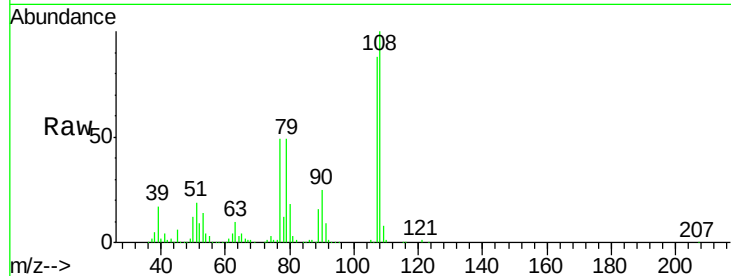
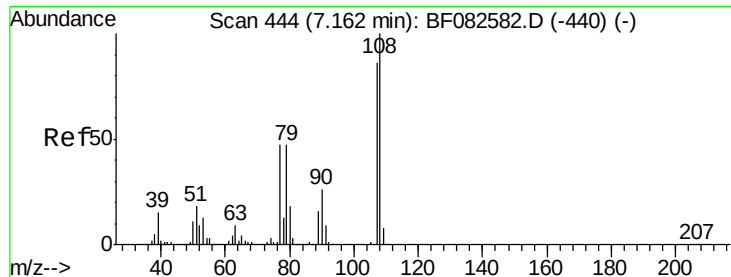
Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

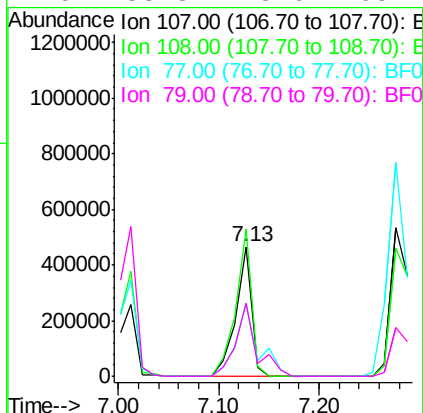
Tgt Ion:	45	Resp:	870449
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	32.6
79	10.7	0.0	29.2





#17
2-Methylphenol
Concen: 44.61 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

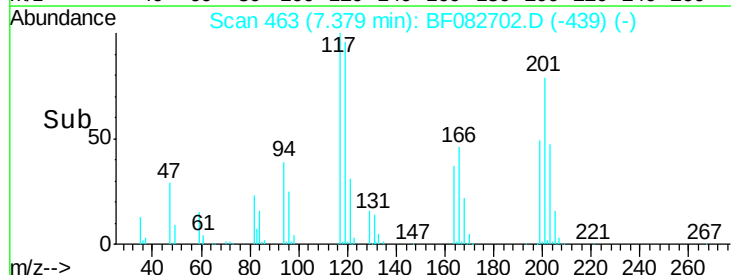
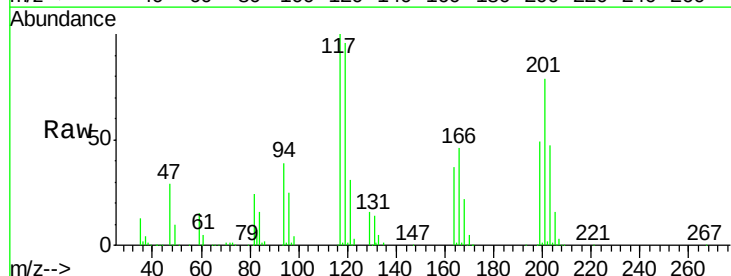
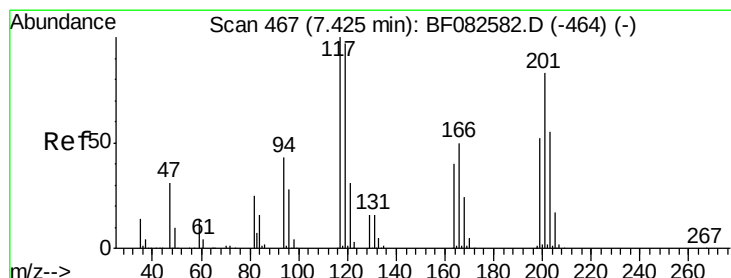
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	511047		
108	108	113.6	93.0	139.4	
77	77	56.1	44.1	66.1	
79	79	55.8	43.6	65.4	



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

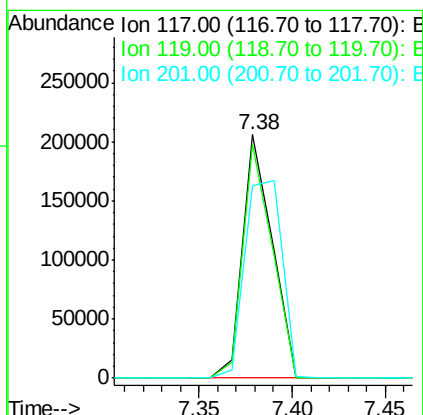
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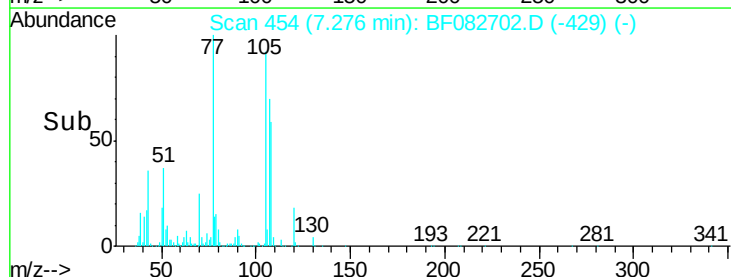
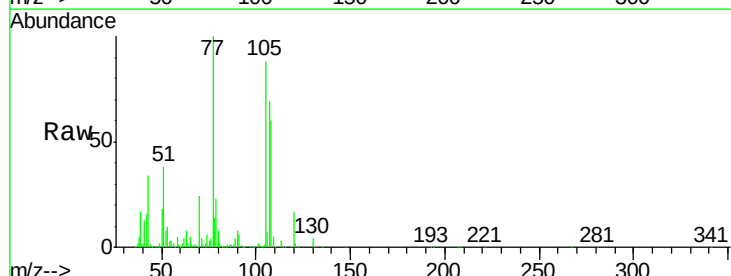
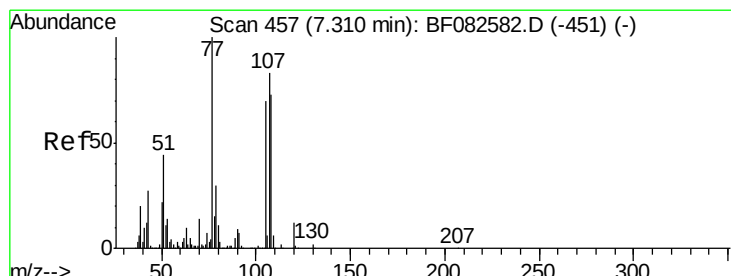
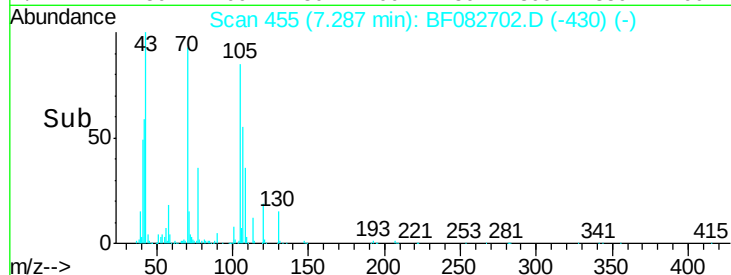
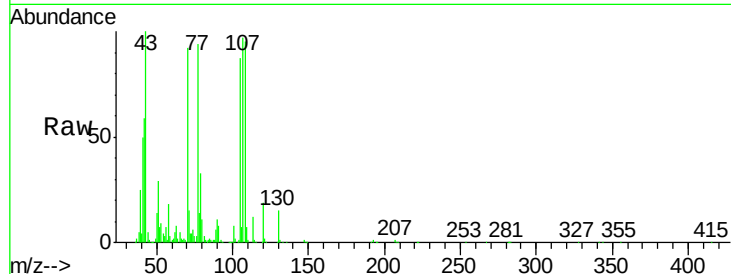
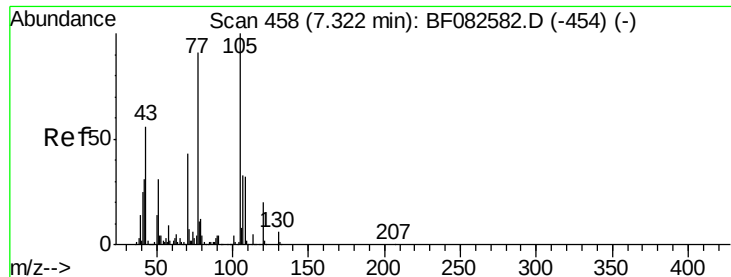
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#18
Hexachloroethane
Concen: 38.01 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	226011		
119	119	96.0	77.7	116.5	
201	201	79.0	66.7	100.1	

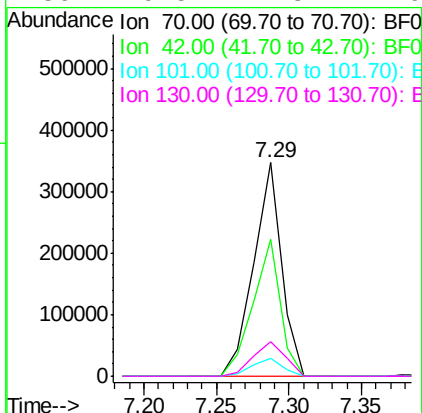




#19
n-Nitroso-di-n-propylamine
Concen: 37.05 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	57.7	86.5
101	8.5	7.0	10.6
130	16.5	11.8	17.6

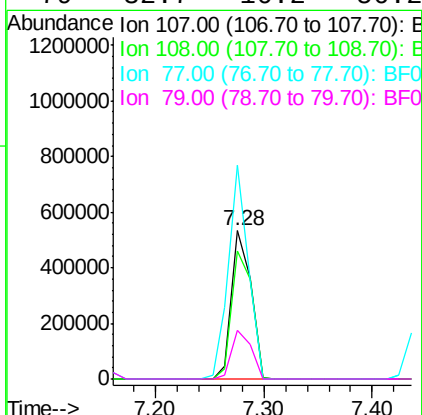


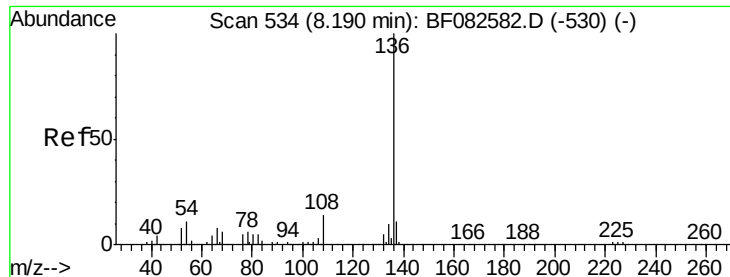
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#20
3+4-Methylphenols
Concen: 43.68 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.3	107.3
77	144.0	100.3	140.3#
79	32.7	16.2	56.2





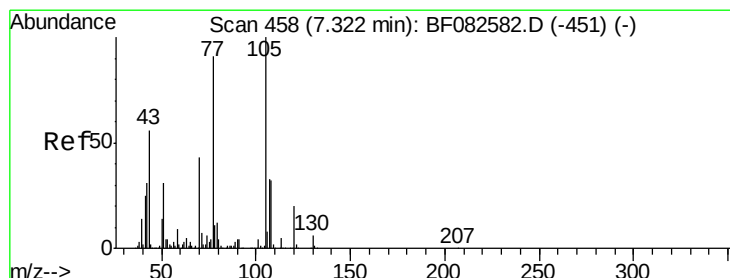
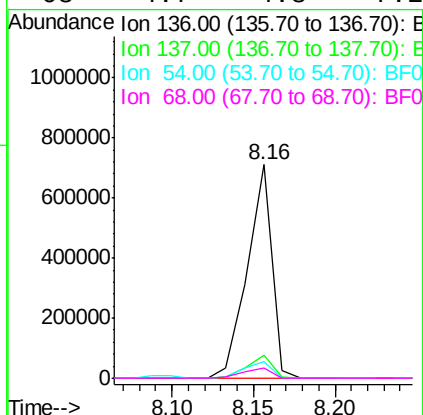
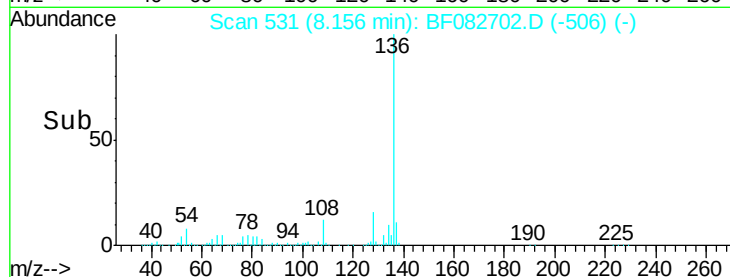
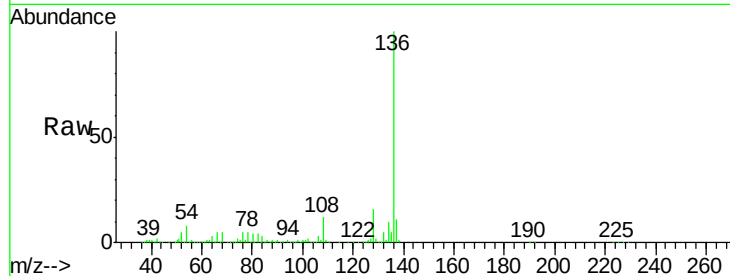
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		744410		
137	10.9		9.1	13.7	
54	7.5		9.1	13.7	
68	4.7		4.8	7.2	

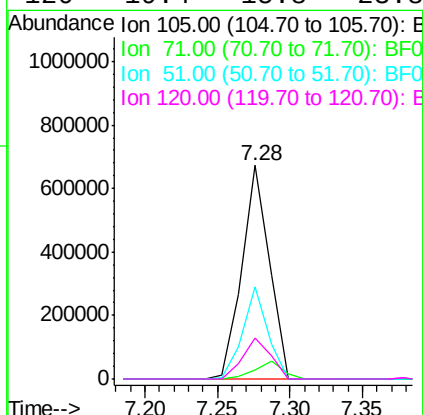
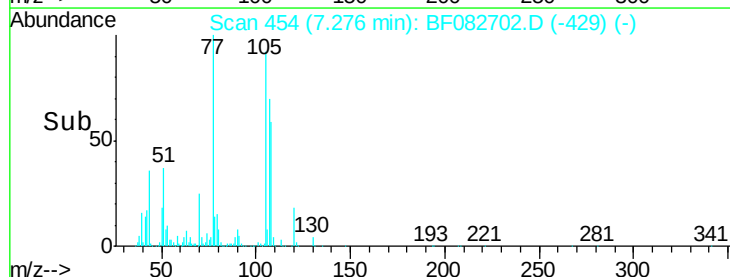
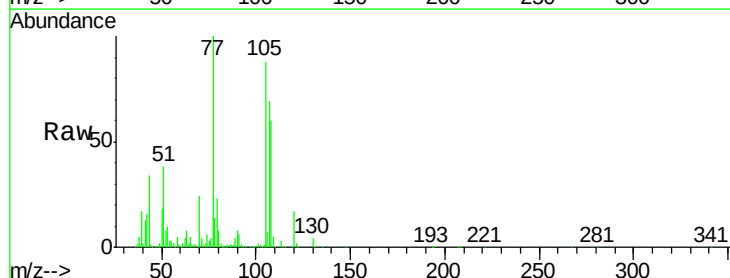
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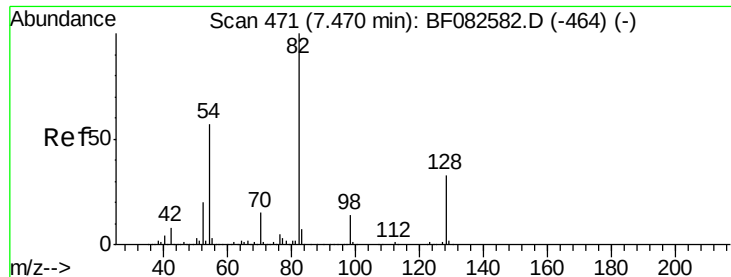
Mmdadoda
11/5/2015 2:19:32 PM



#22
Acetophenone
Concen: 40.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		878652		
71	4.5		5.6	8.4	
51	42.9		24.9	37.3	
120	19.4		15.8	23.8	





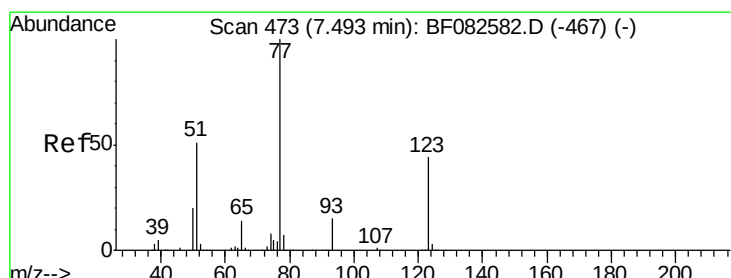
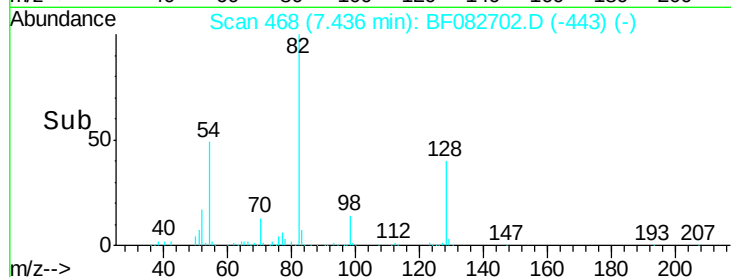
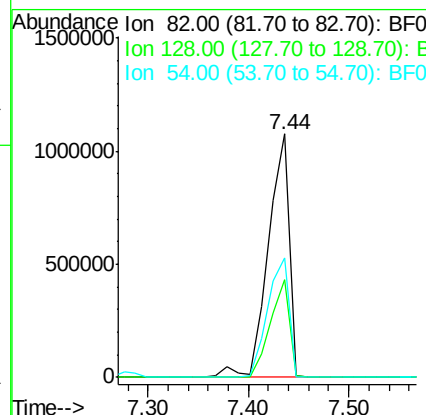
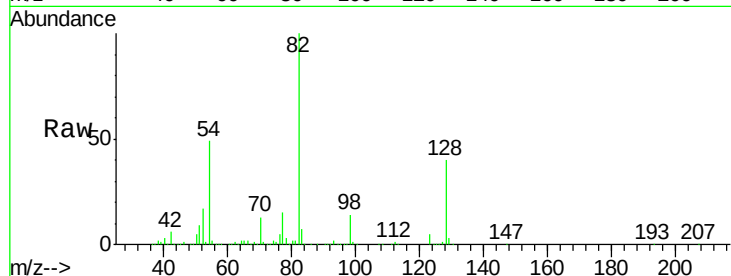
#23
Nitrobenzene-d5
Concen: 85.31 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	82	Resp	1555088
Ion Ratio	100	Lower	Upper
128	40.2	26.8	40.2
54	49.0	45.7	68.5

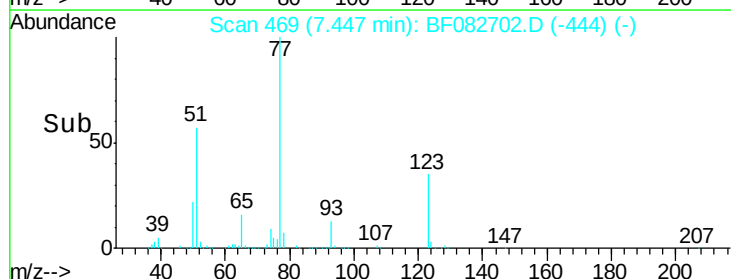
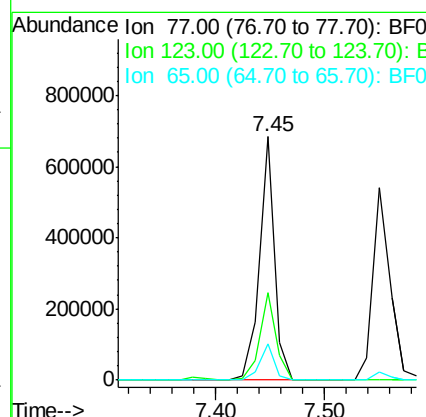
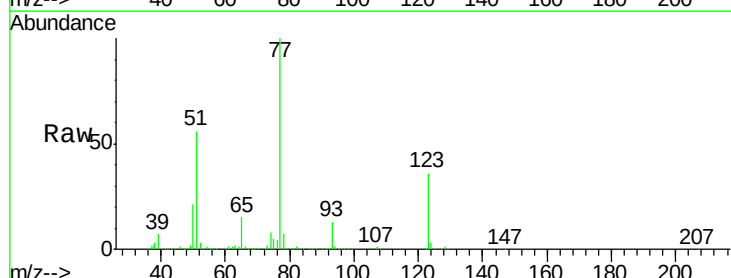
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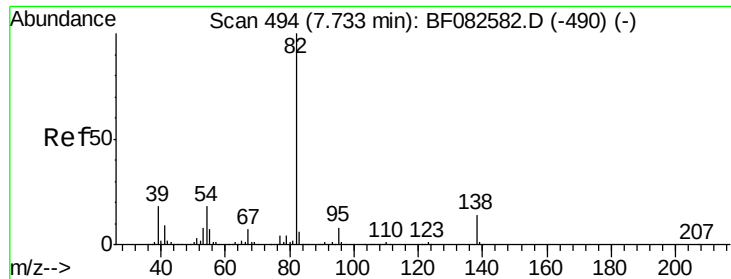
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11/5/2015 2:19:32 PM



#24
Nitrobenzene
Concen: 36.04 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	77	Resp	664155
Ion Ratio	100	Lower	Upper
123	35.8	36.4	54.6#
65	15.0	11.5	17.3





#25

Isophorone

Concen: 39.70 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion: 82 Resp: 1331530

Ion Ratio Lower Upper

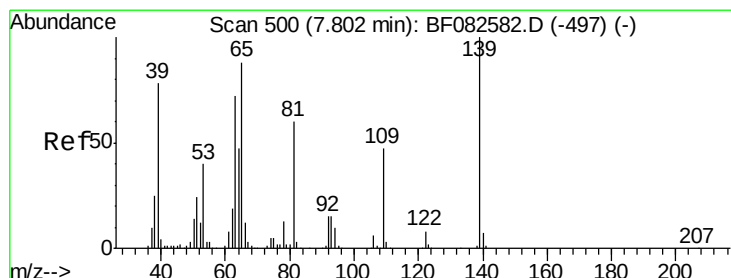
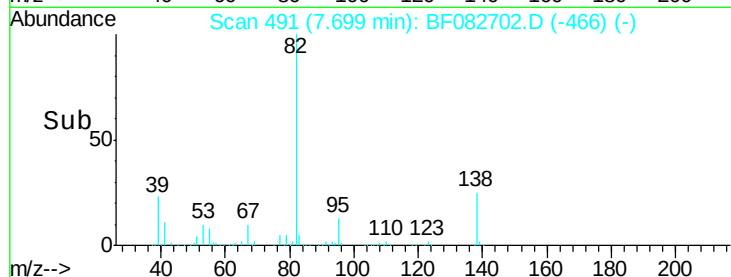
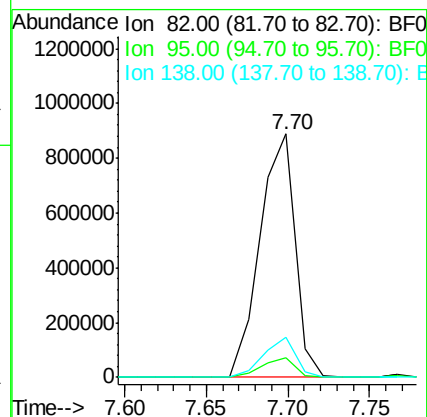
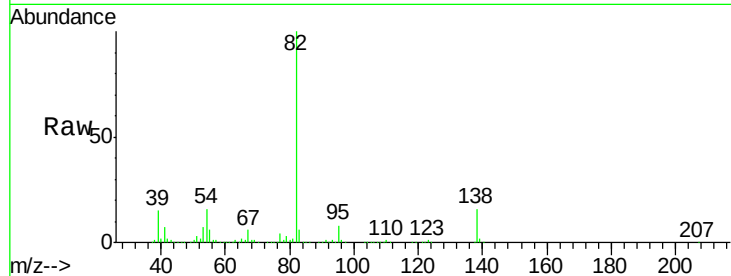
82 100

95 8.3 6.6 9.8

138 16.4 11.4 17.0

Manual Integrations
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11/5/2015 2:19:32 PM



#26

2-Nitrophenol

Concen: 47.35 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

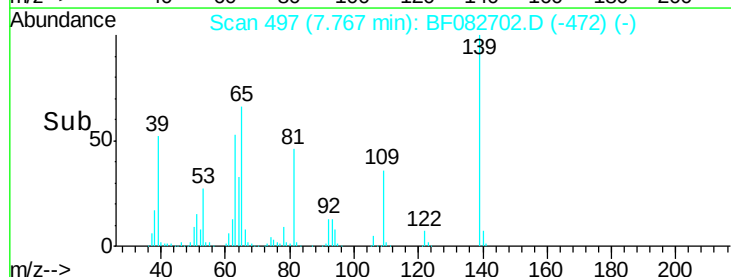
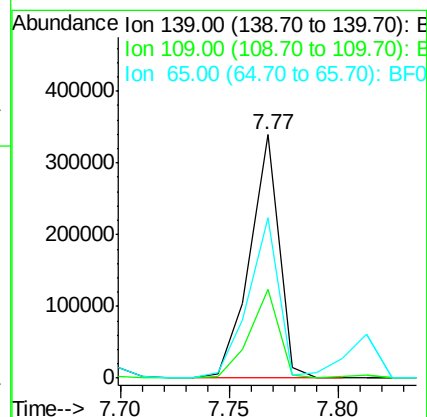
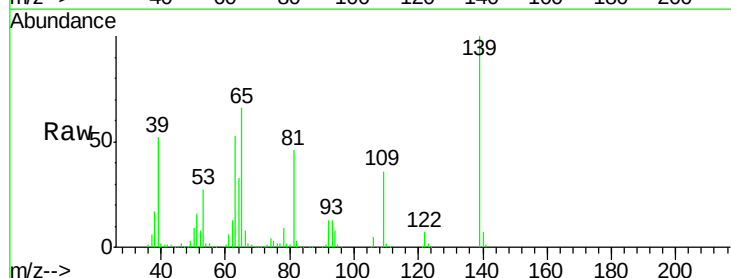
Tgt Ion: 139 Resp: 318688

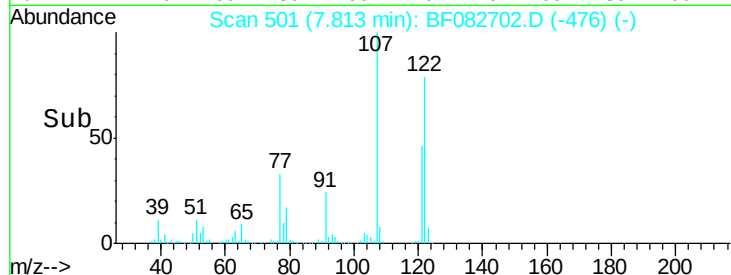
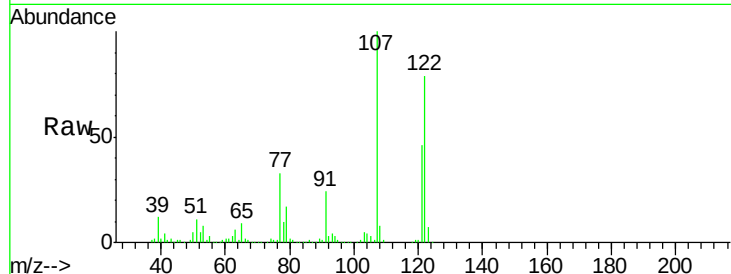
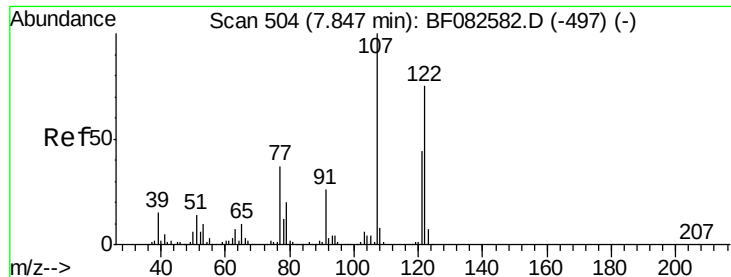
Ion Ratio Lower Upper

139 100

109 36.2 37.6 56.4#

65 66.0 70.6 105.8#





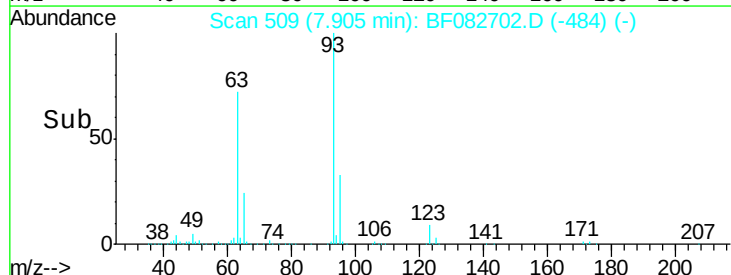
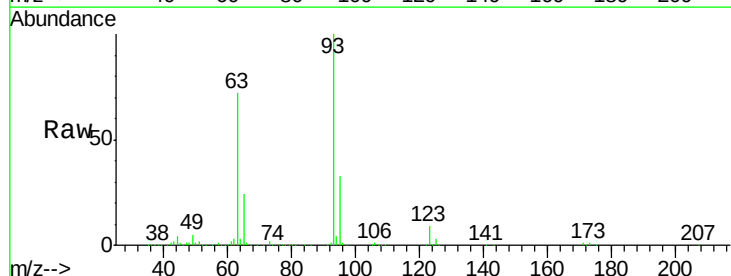
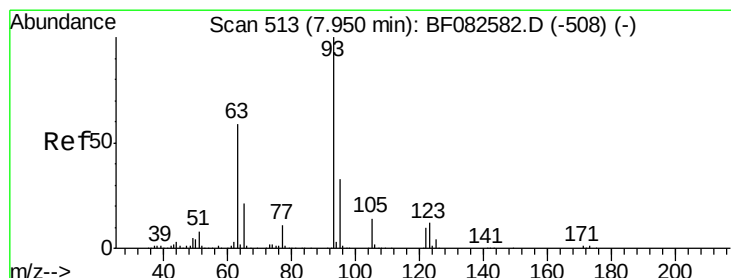
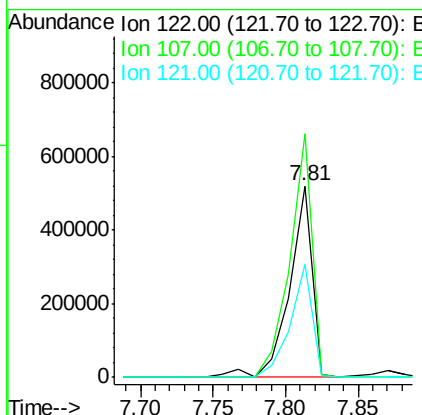
#27
2,4-Dimethylphenol
Concen: 43.23 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tot Ion	Ratio	Resp	Lower	Upper
122	100	568010		
107	127.0	106.0	159.0	
121	58.7	46.7	70.1	

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

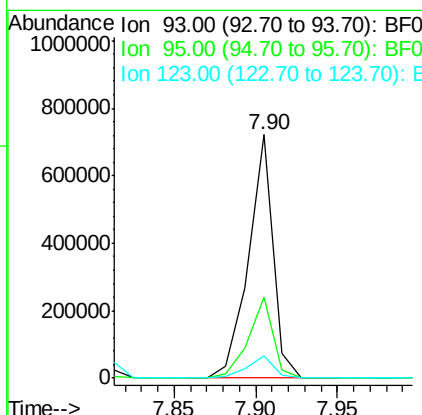
Manual Integrations
APPROVED

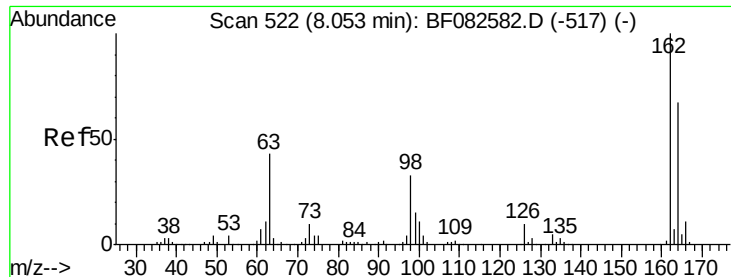
Mmdadoda
11/5/2015 2:19:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.14 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	754634		
95	33.4	26.6	40.0	
123	9.2	9.7	14.5#	





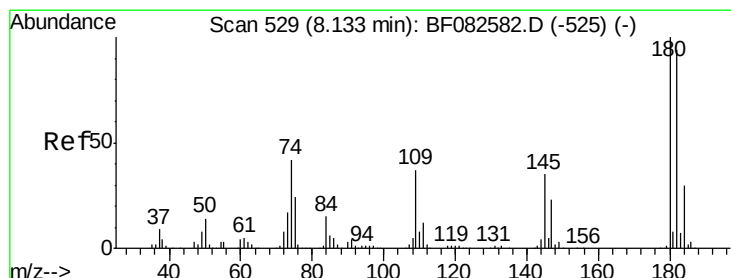
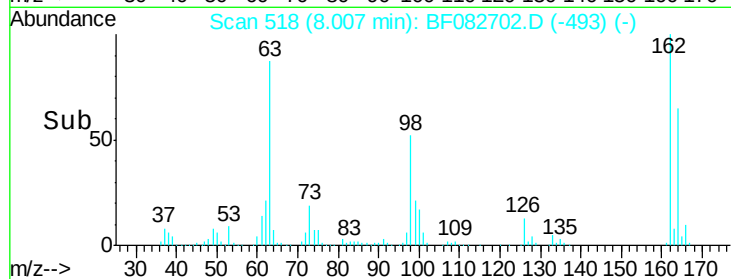
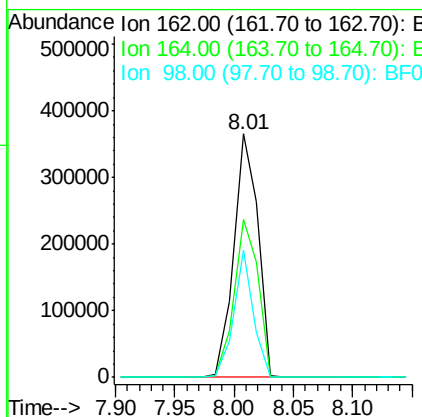
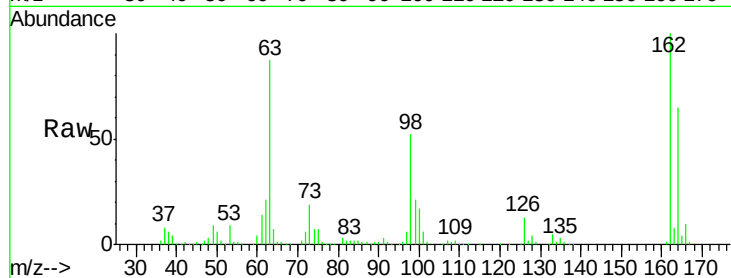
#29
 2,4-Dichlorophenol
 Concen: 43.04 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion:	162	Resp:	515495
Ion Ratio	Lower	Upper	
162	100		
164	65.1	46.8	86.8
98	52.1	12.5	52.5

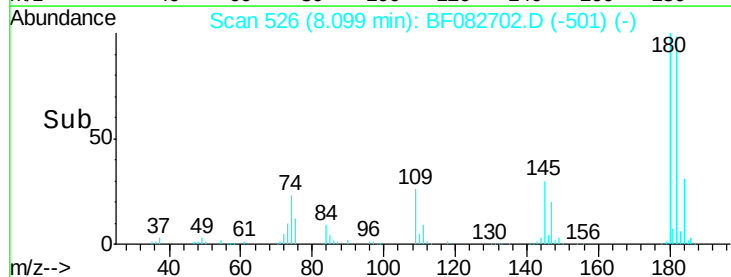
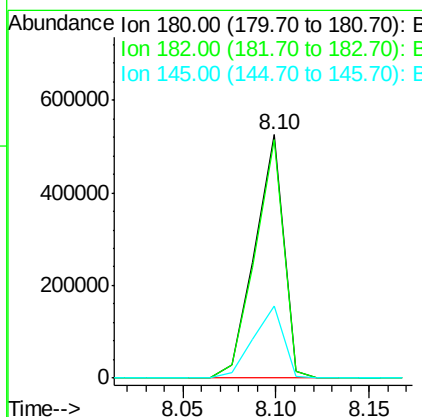
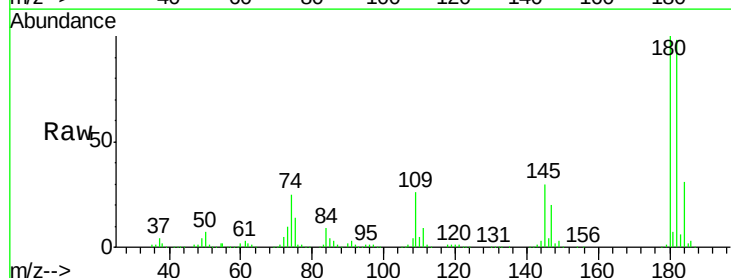
Manual Integrations
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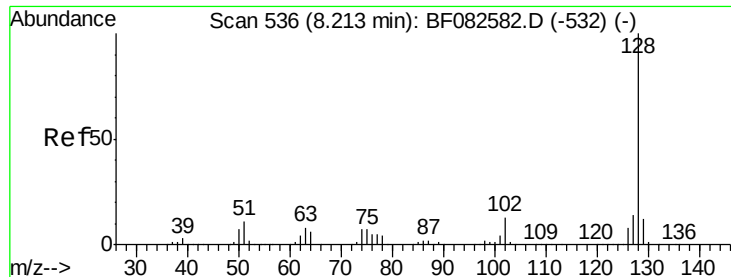
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.31 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion:	180	Resp:	562384
Ion Ratio	Lower	Upper	
180	100		
182	97.9	74.9	112.3
145	29.6	27.8	41.8





#31

Naphthalene

Concen: 43.96 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:128 Resp: 1770775

Ion Ratio Lower Upper

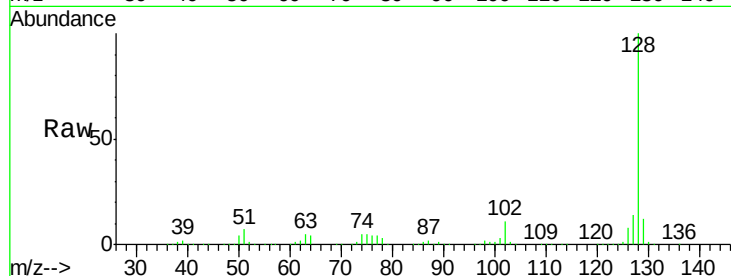
128 100

129 11.7 9.5 14.3

127 13.9 11.4 17.0

Manual Integrations
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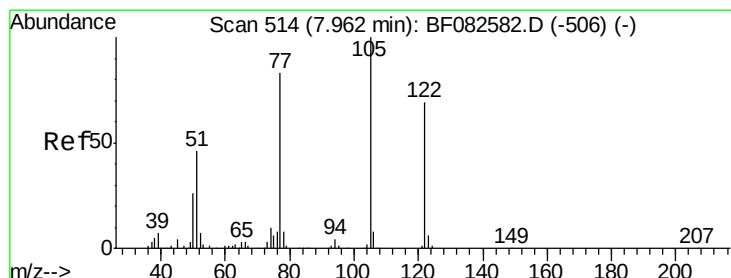
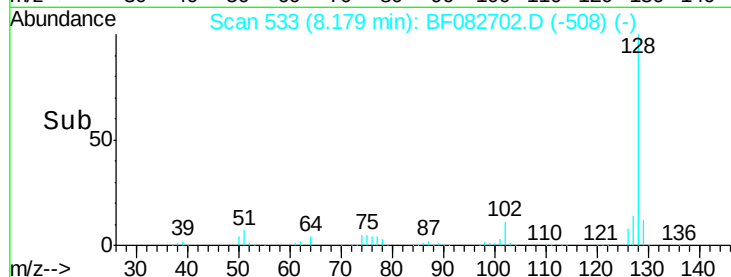
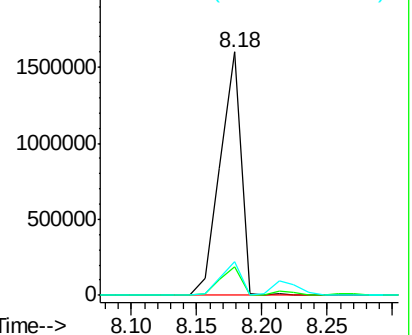
Mmdadoda
11/5/2015 2:19:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.82 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.07 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

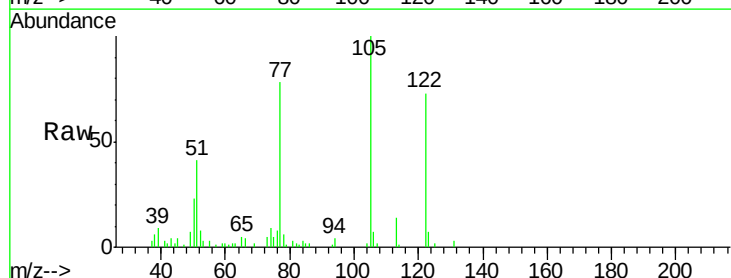
Tgt Ion:122 Resp: 26843

Ion Ratio Lower Upper

122 100

105 136.5 122.6 162.6

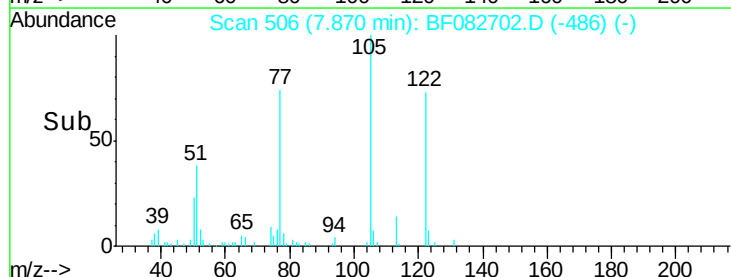
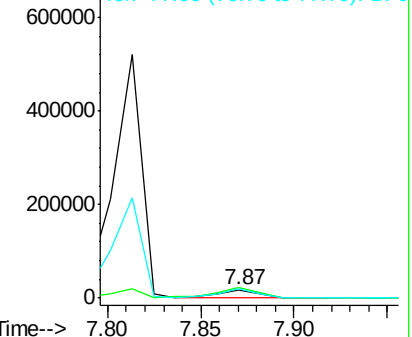
77 106.8 100.9 140.9

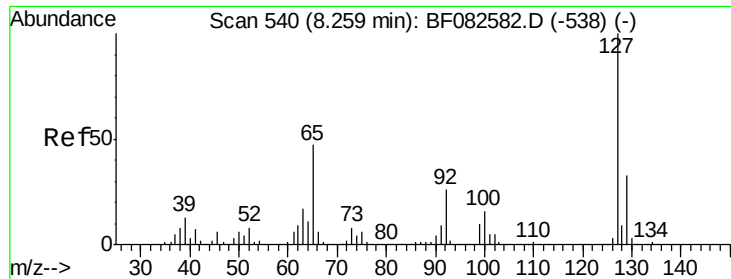


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





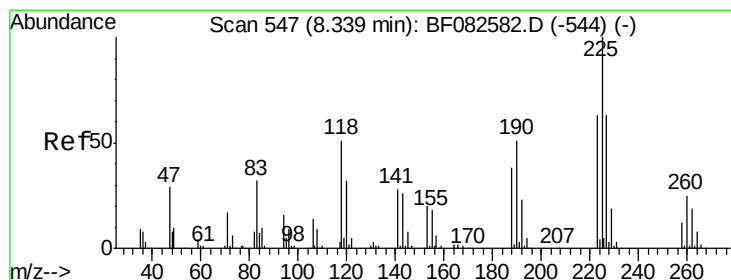
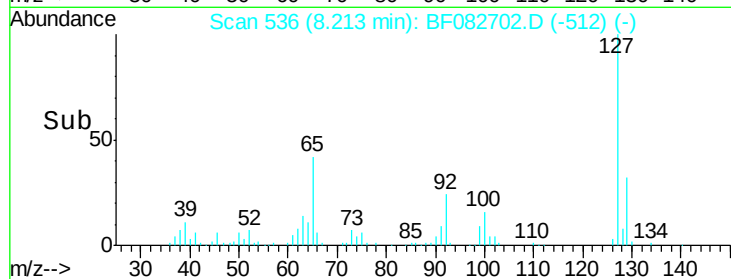
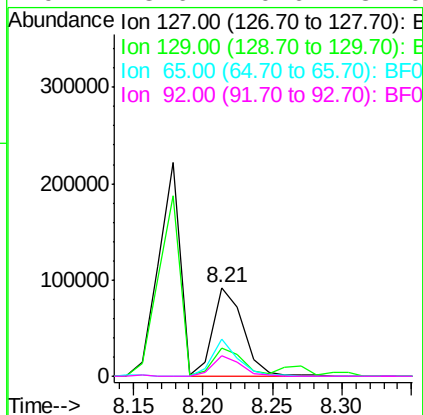
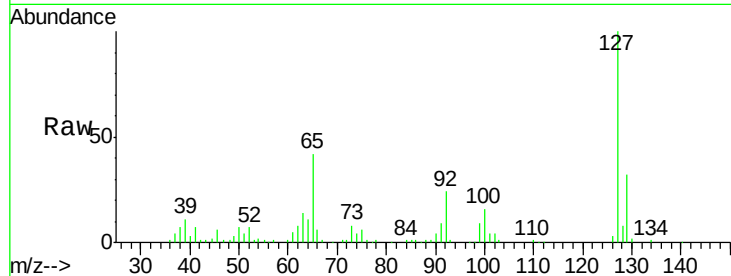
#33
4-Chloroaniline
Concen: 8.15 ng m
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		140145		
129	32.4	26.3	39.5		
65	42.4	37.8	56.8		
92	23.6	20.6	31.0		

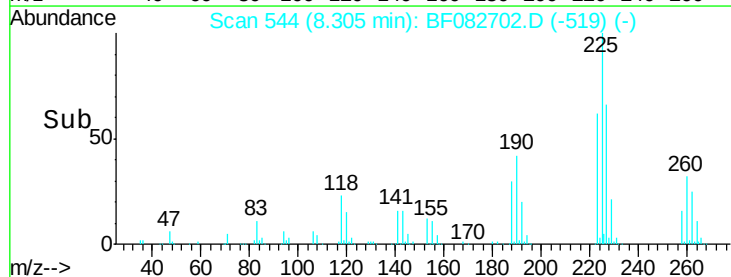
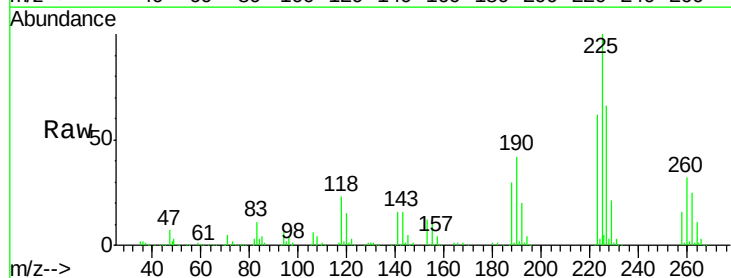
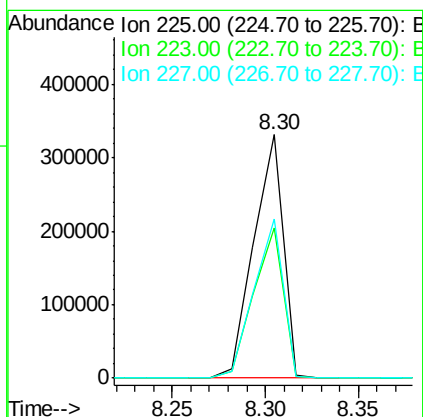
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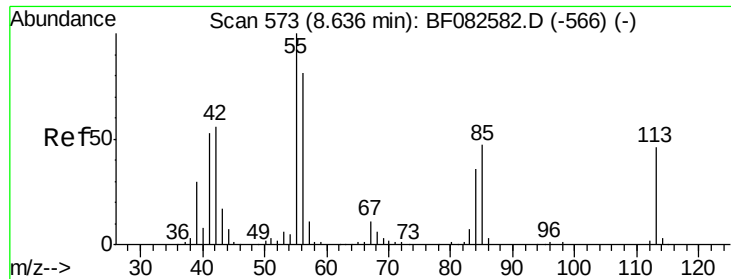
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#34
Hexachlorobutadiene
Concen: 42.71 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		361065		
223	61.9	50.5	75.7		
227	65.6	50.2	75.2		





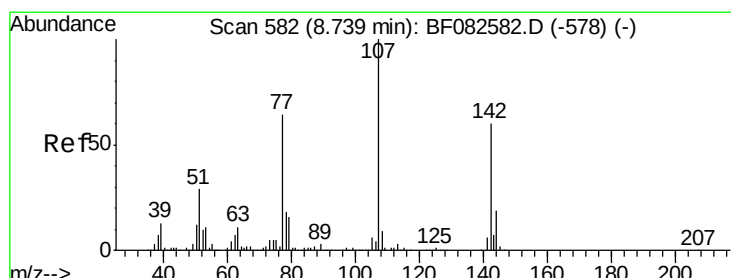
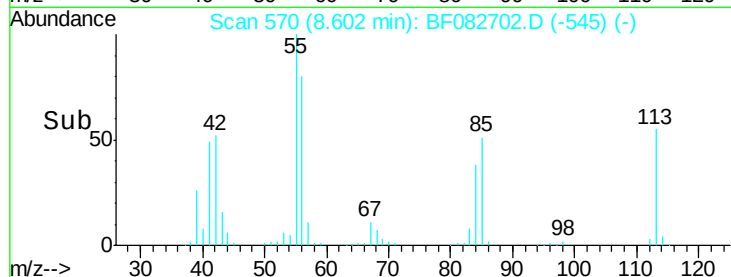
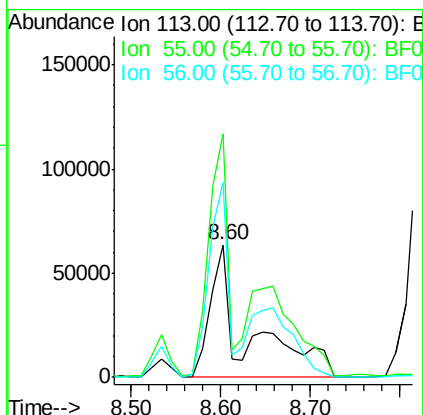
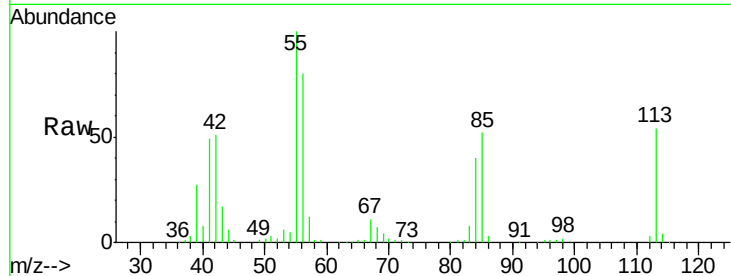
#35
 Caprolactam
 Concen: 49.64 ng/ml
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	183.8	195.5	235.5#	
56	147.2	153.5	193.5#	

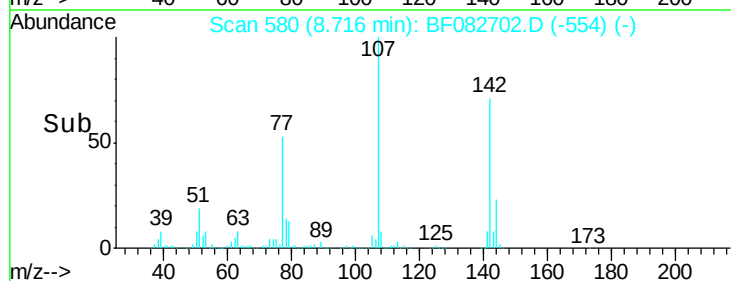
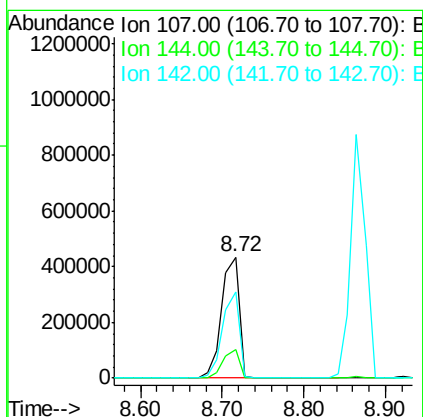
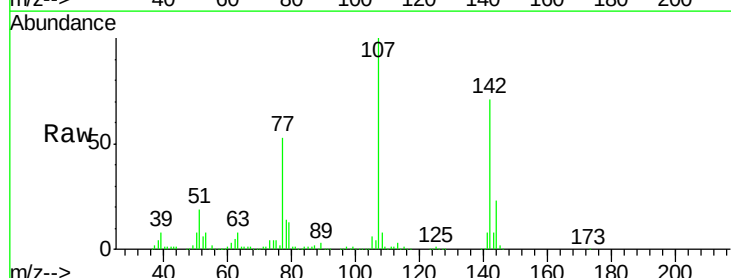
Manual Integrations
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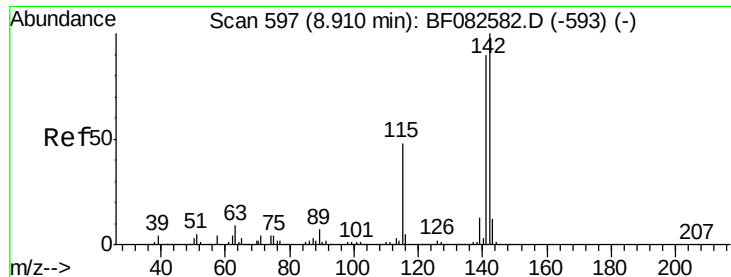
Mmdadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 46.06 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.3	15.4	23.0#	
142	70.8	47.8	71.8	





#37

2-Methylnaphthalene

Concen: 41.85 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:142 Resp: 1092433

Ion Ratio Lower Upper

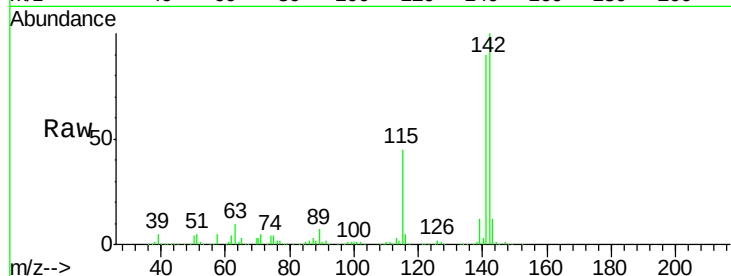
142 100

141 89.5 72.3 108.5

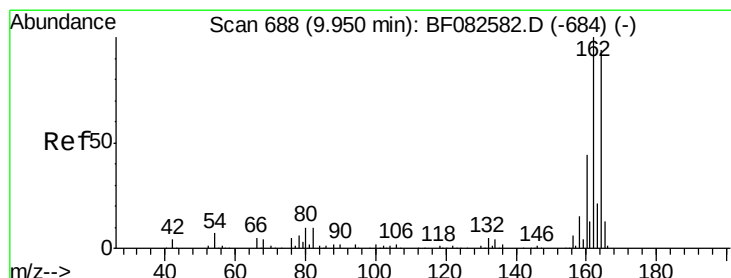
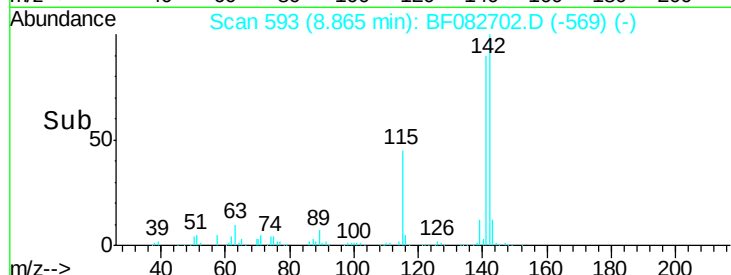
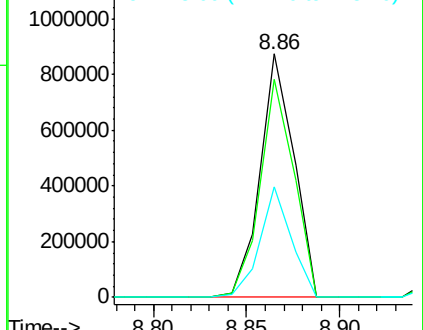
115 45.4 38.1 57.1

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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: BF082702.D

Acq: 4 Nov 2015 15:48

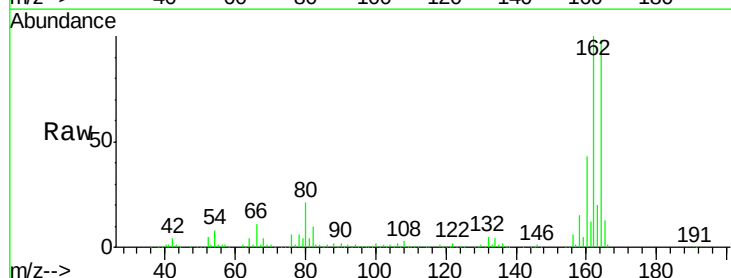
Tgt Ion:164 Resp: 391991

Ion Ratio Lower Upper

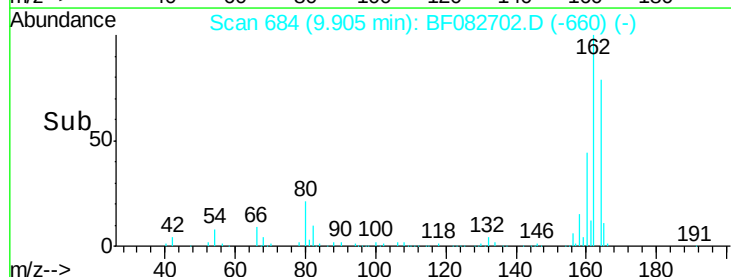
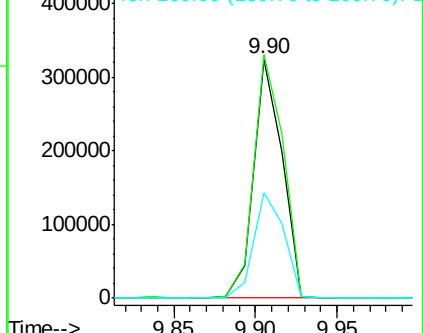
164 100

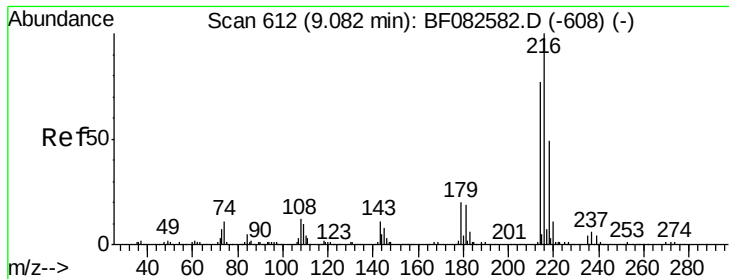
162 101.9 84.9 127.3

160 43.8 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: 40.72 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF082702.D

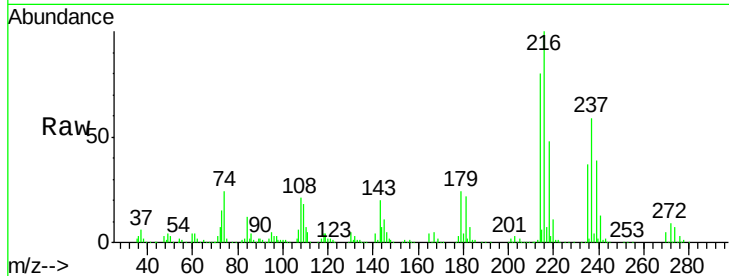
Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

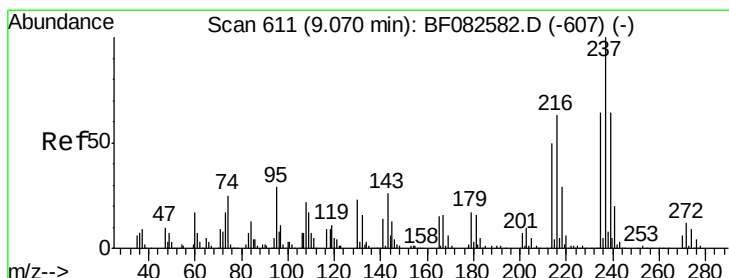
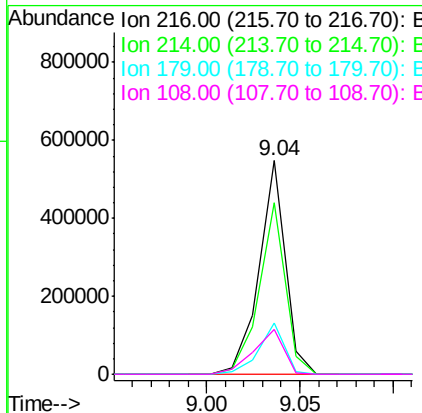
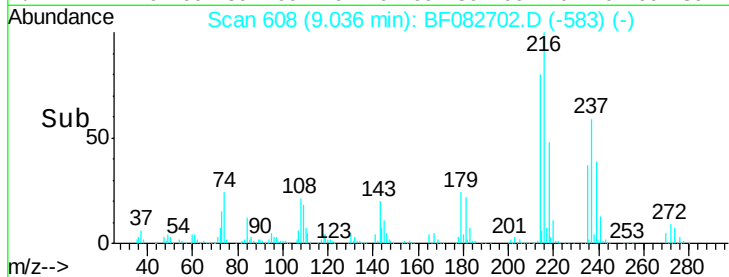
SB-07(4-6)MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		532653		
214	80.2	62.2	93.2		
179	23.1	18.1	27.1		
108	24.5	16.6	25.0		

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 79.90 ng

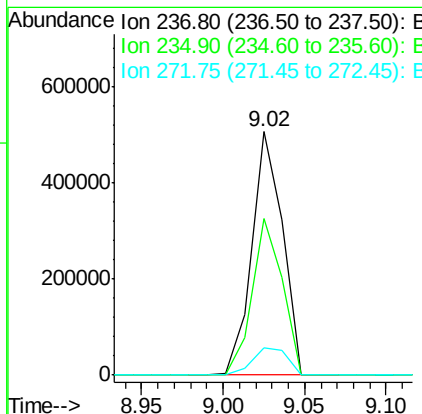
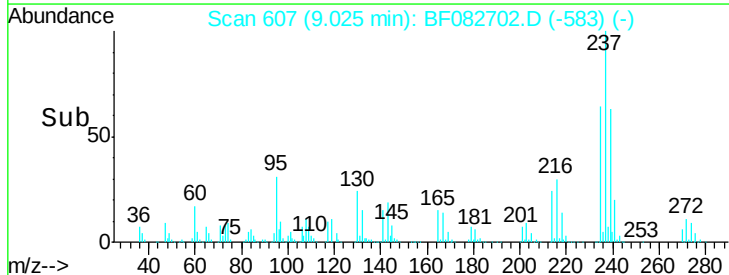
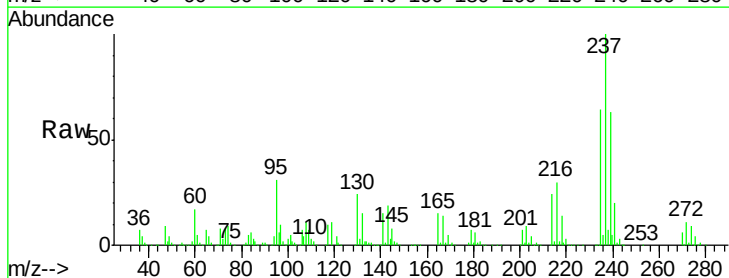
RT: 9.02 min Scan# 607

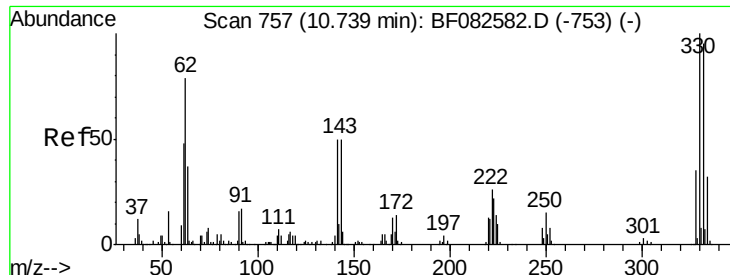
Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		657076		
235	64.4	44.3	84.3		
272	11.3	0.0	31.9		





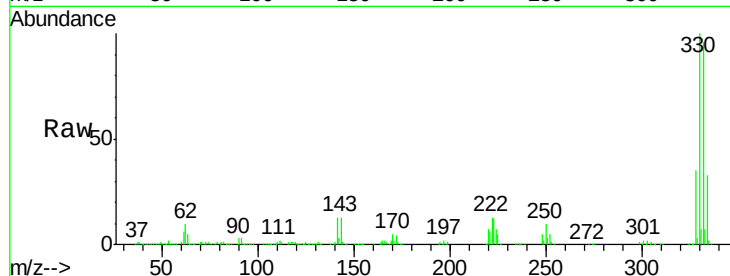
#41
 2,4,6-Tribromophenol
 Concen: 162.44 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

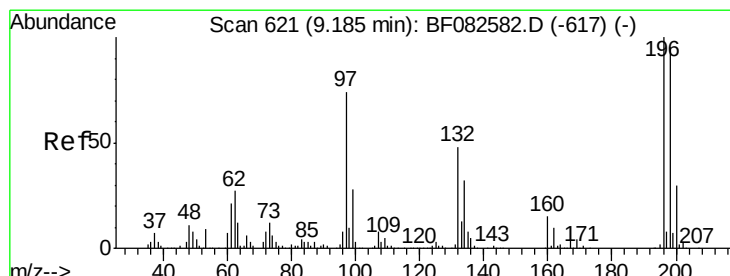
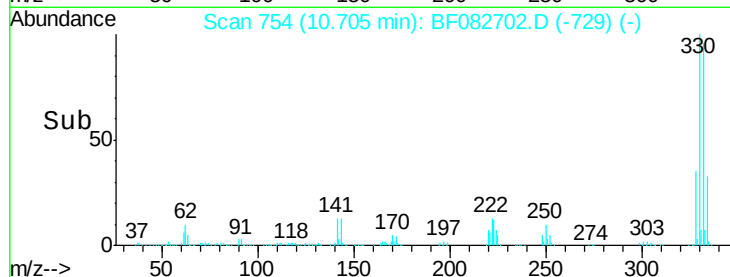
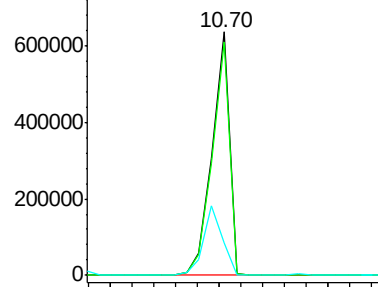
Tot Ion	Ratio	Resp	Lower	Upper
330	100	696843		
332	95.9	76.6	114.8	
141	31.2	41.2	61.8#	

Manual Integrations
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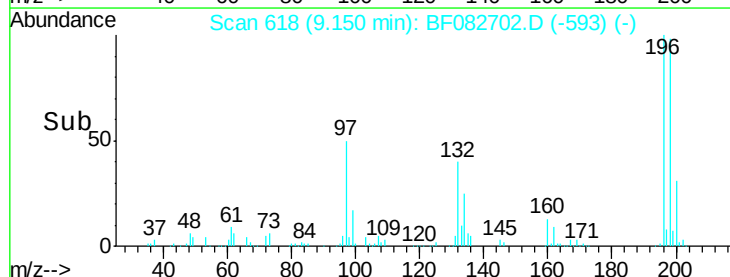
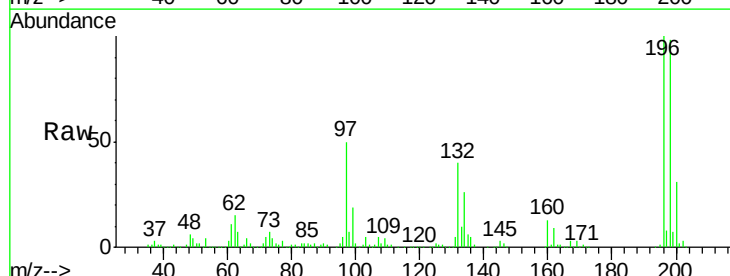
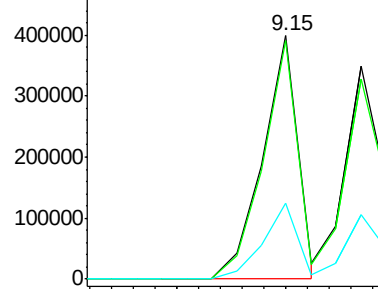
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

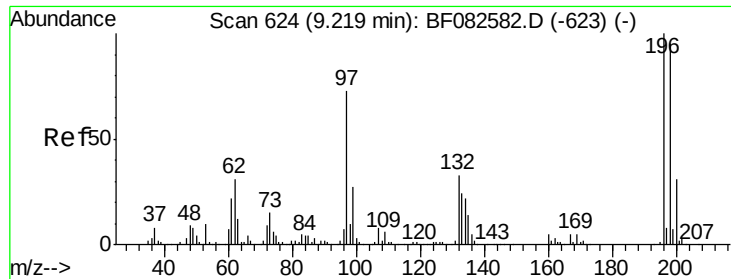


#42
 2,4,6-Trichlorophenol
 Concen: 47.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	448143		
198	97.9	76.3	114.5	
200	31.3	23.9	35.9	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





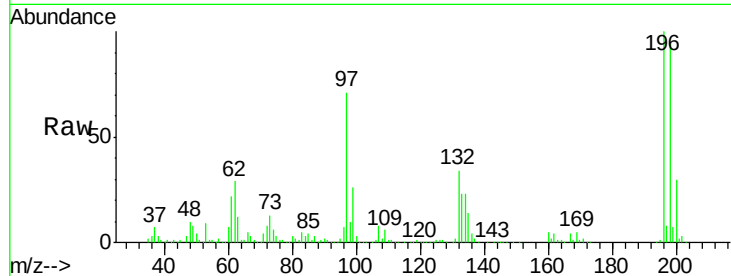
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

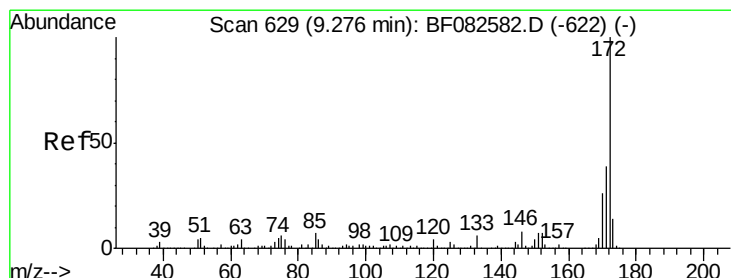
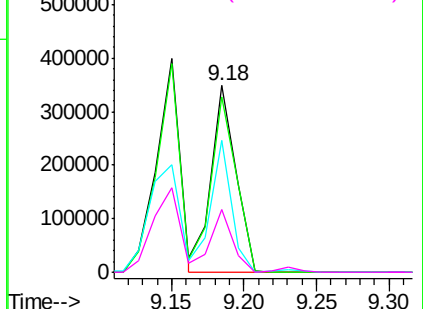
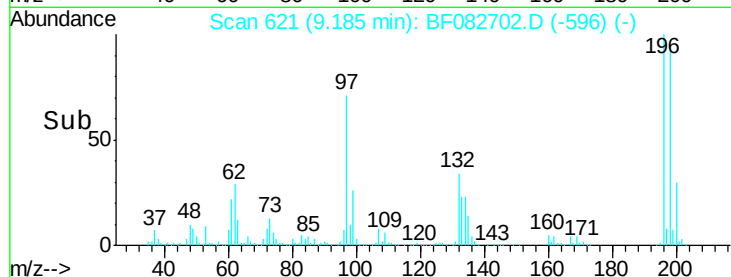
Tot Ion:	196	Resp:	411812
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.8	113.8
97	70.8	62.3	93.5
132	33.6	27.4	41.2

Manual Integrations
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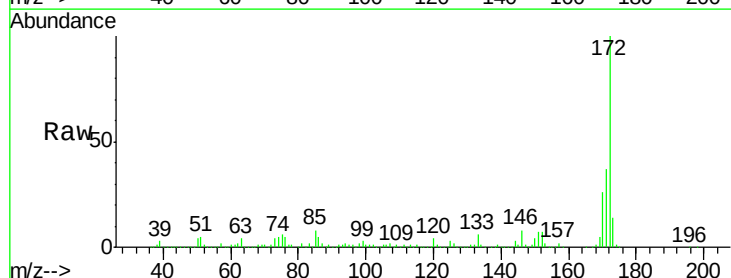


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

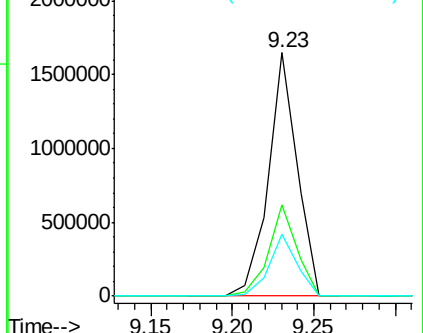
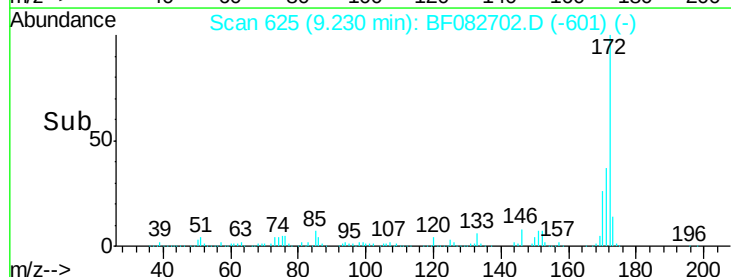


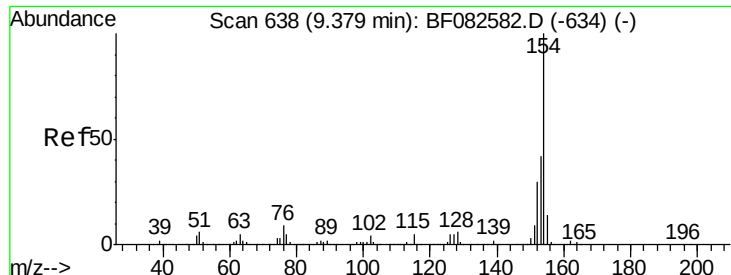
#44
 2-Fluorobiphenyl
 Concen: 73.32 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion:	172	Resp:	2024336
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.8	46.2
170	25.6	21.2	31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.68 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:154 Resp: 1479367

Ion Ratio Lower Upper

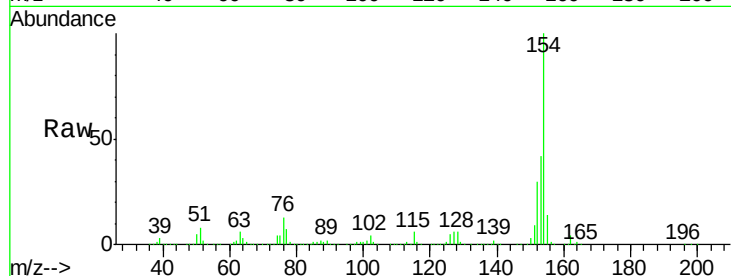
154 100

153 41.8 22.0 62.0

76 12.9 0.0 29.0

Manual Integrations
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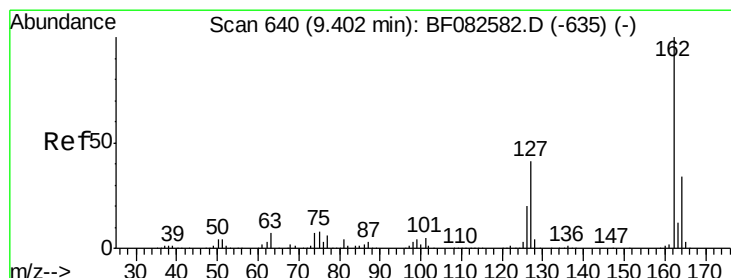
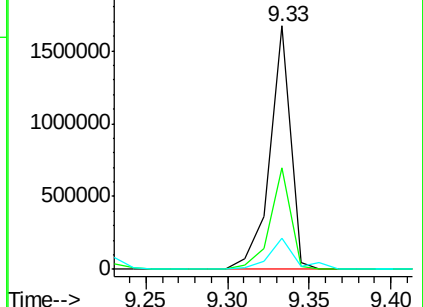
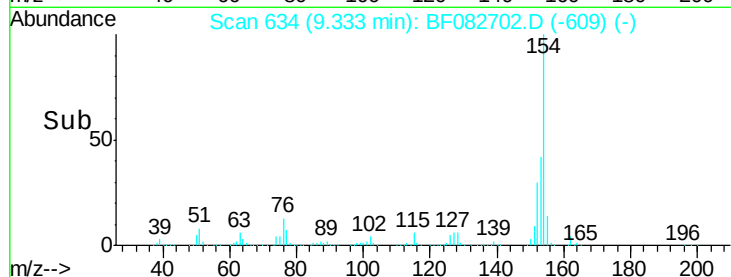
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.75 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

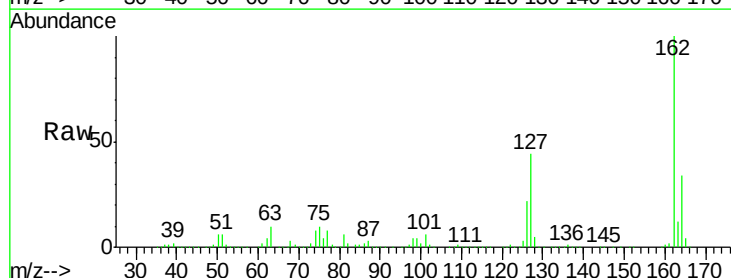
Tgt Ion:162 Resp: 1131208

Ion Ratio Lower Upper

162 100

127 43.9 32.7 49.1

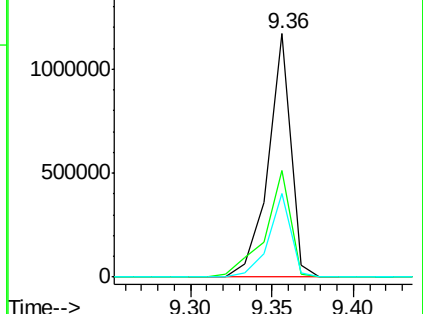
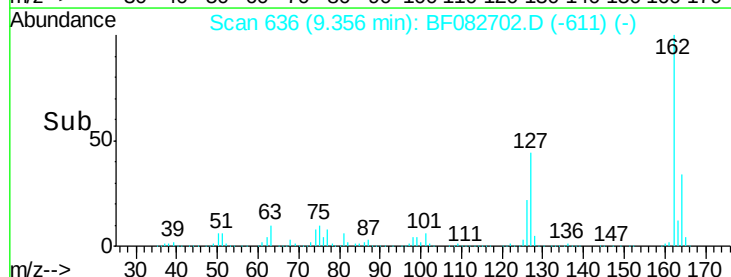
164 34.1 27.4 41.0

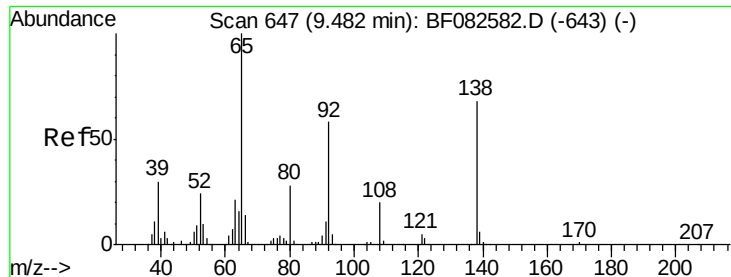


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.47 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

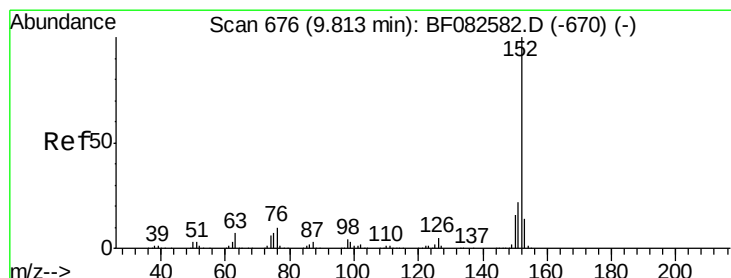
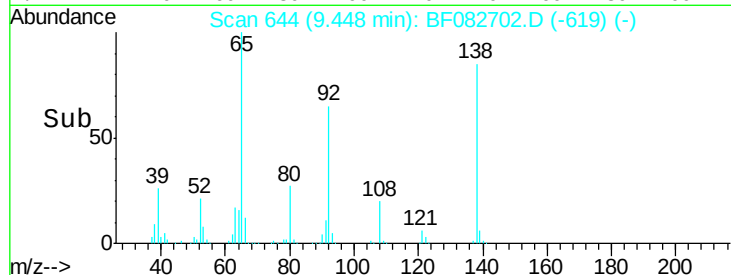
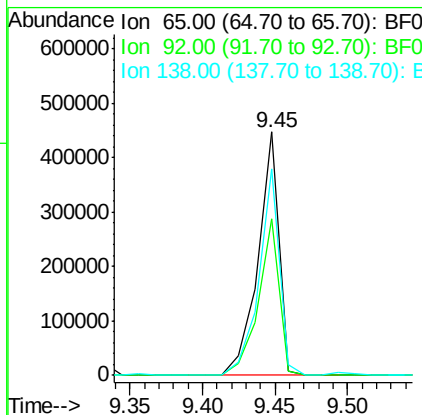
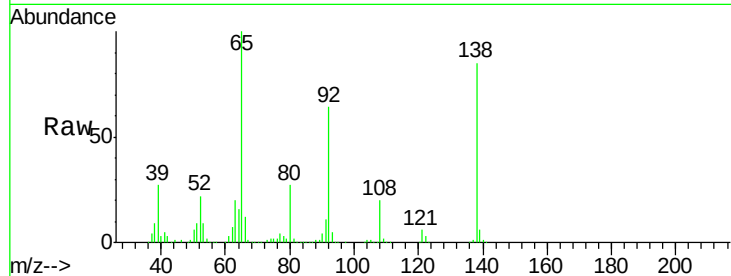
ClientSampleId :

SB-07(4-6)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		446925		
92	64.5	46.6	70.0		
138	84.8	54.6	81.8#		

Manual Integrations
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#48

Acenaphthylene

Concen: 42.52 ng

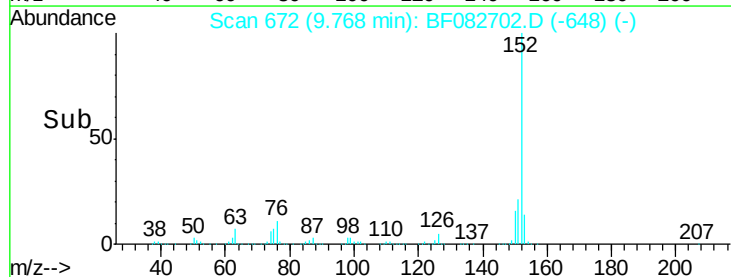
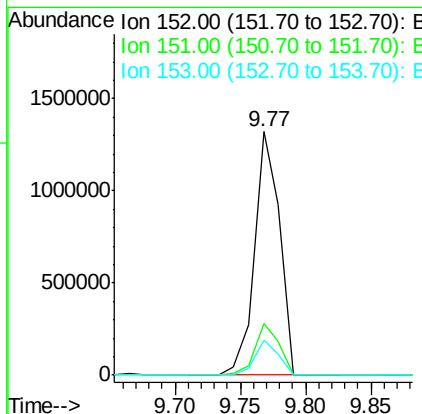
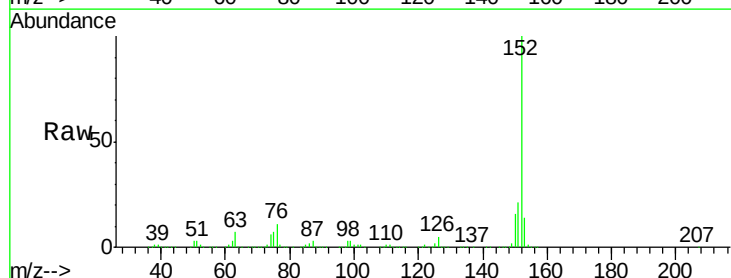
RT: 9.77 min Scan# 672

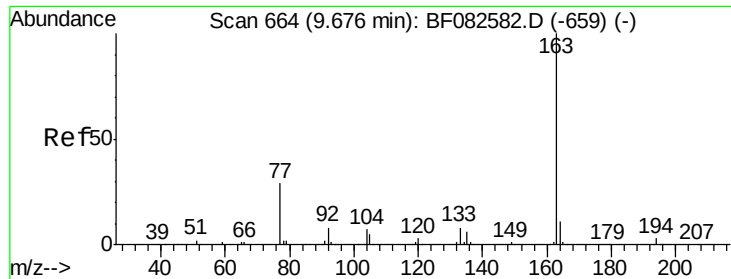
Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		1758220		
151	21.3	17.3	25.9		
153	14.2	11.3	16.9		





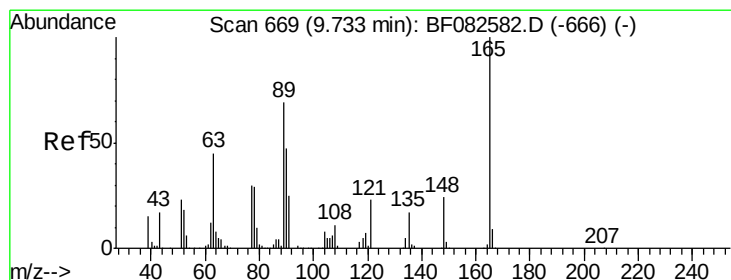
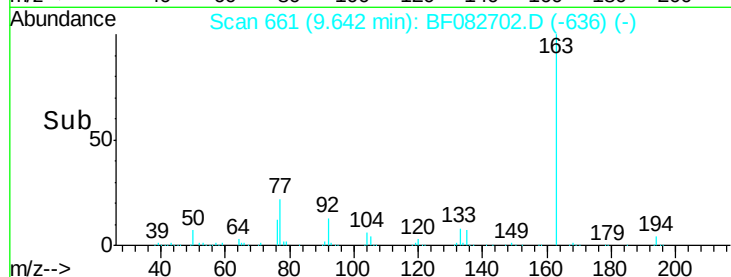
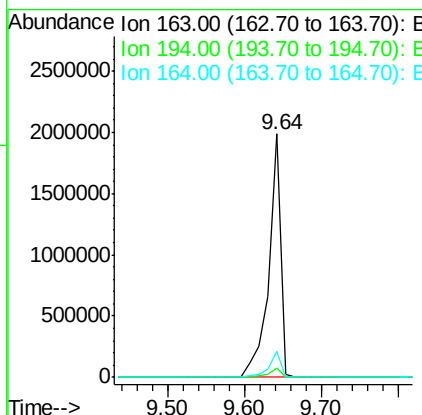
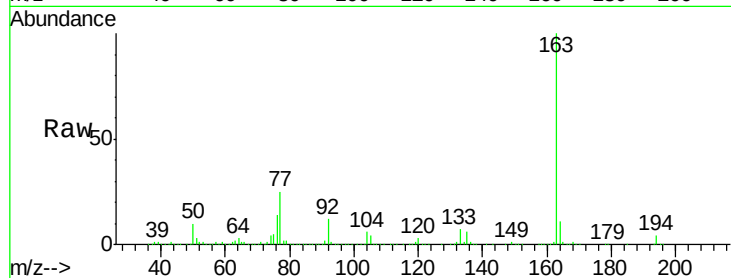
#49
Dimethylphthalate
Concen: 65.41 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion:163 Resp: 2094044
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.9 8.7 13.1

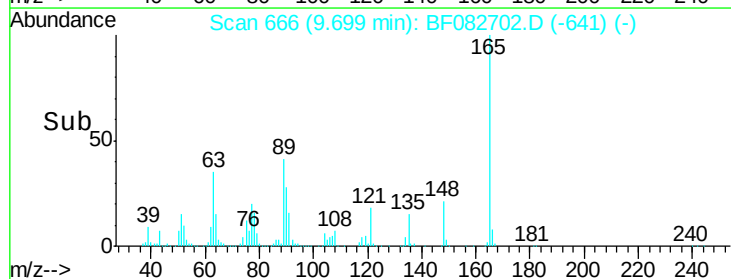
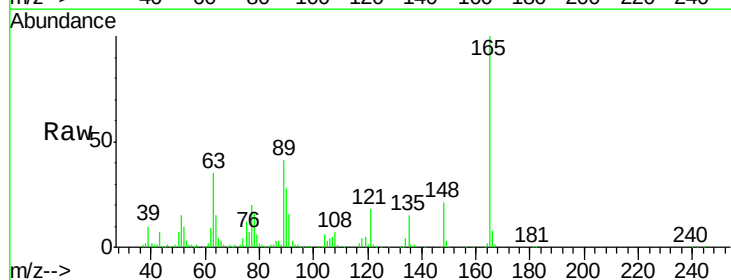
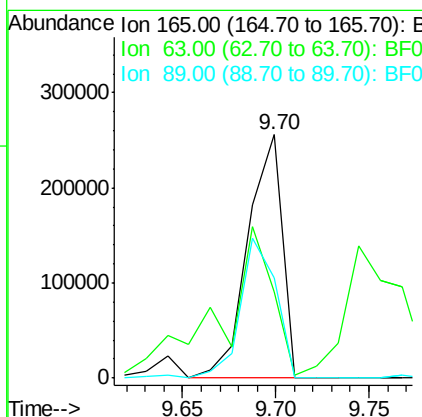
Manual Integrations
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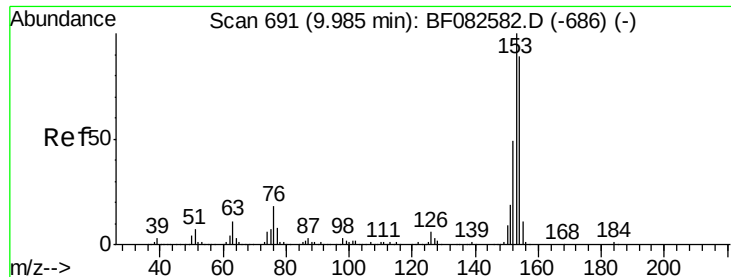
Mmdadoda
11/5/2015 2:19:32 PM



#50
2,6-Dinitrotoluene
Concen: 49.70 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion:165 Resp: 329786
Ion Ratio Lower Upper
165 100
63 35.2 55.5 83.3#
89 41.3 55.0 82.6#





#51

Acenaphthene

Concen: 45.40 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:154 Resp: 1191990

Ion Ratio Lower Upper

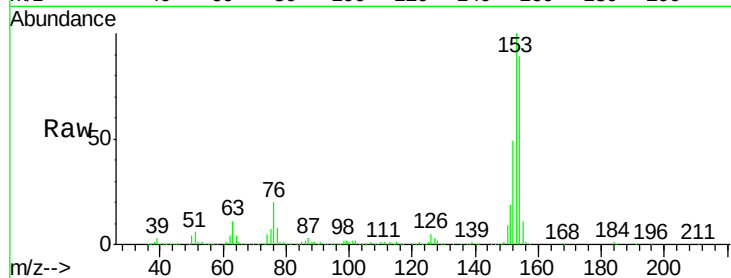
154 100

153 112.4 90.1 135.1

152 55.0 44.3 66.5

Manual Integrations
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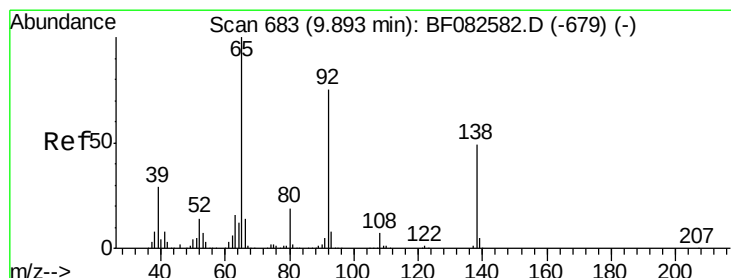
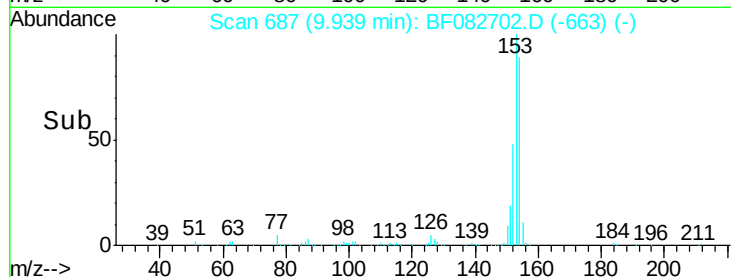
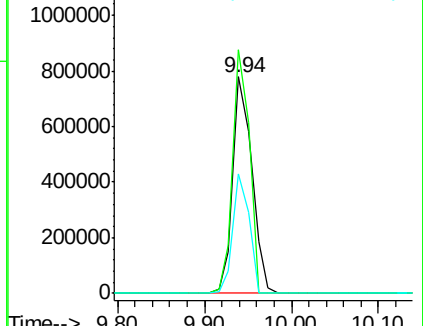
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.35 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

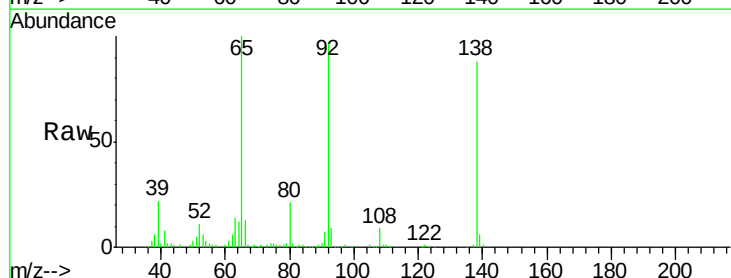
Tgt Ion:138 Resp: 172365

Ion Ratio Lower Upper

138 100

108 10.5 11.3 16.9#

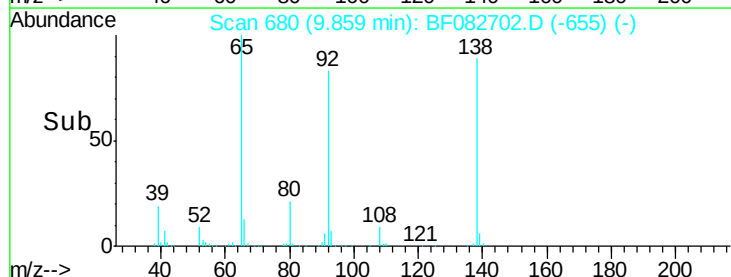
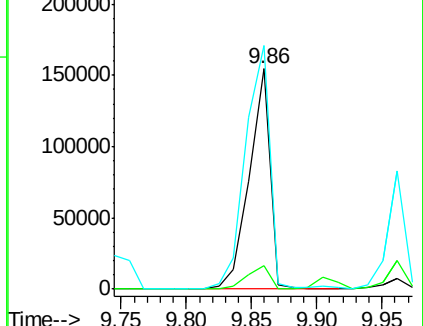
92 110.5 122.4 183.6#

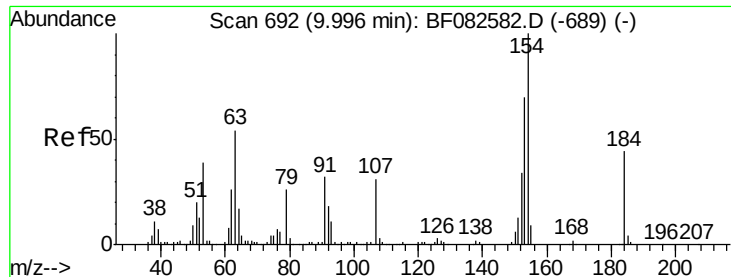


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





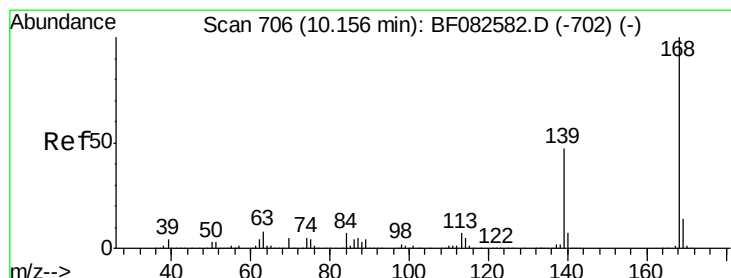
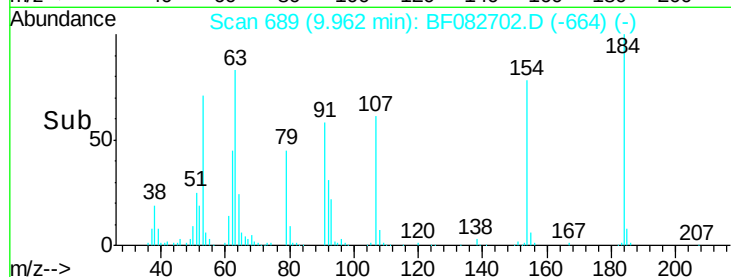
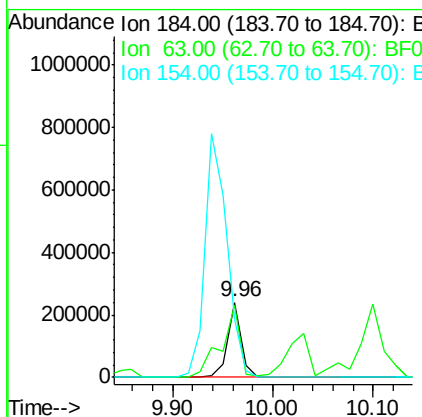
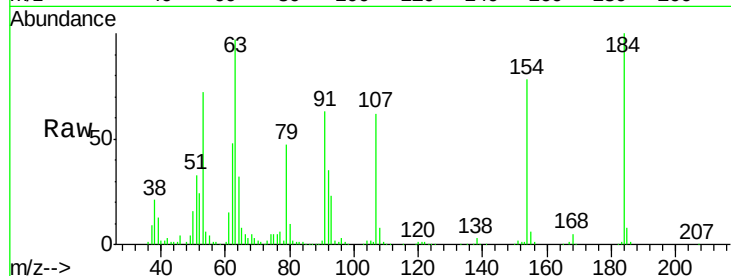
#53
2,4-Dinitrophenol
Concen: 66.25 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	229733		
63	96.7	98.6	148.0#	
154	77.7	183.9	275.9#	

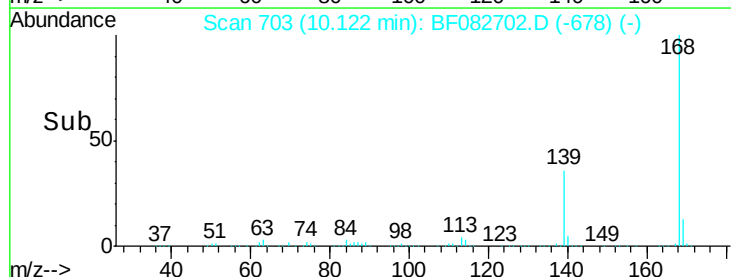
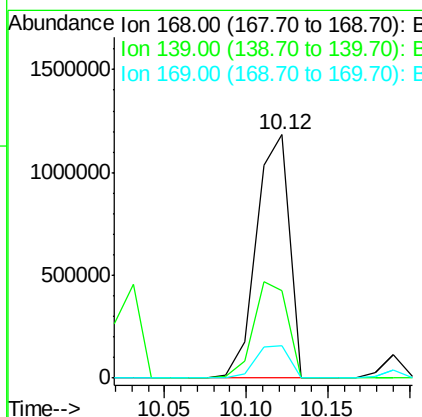
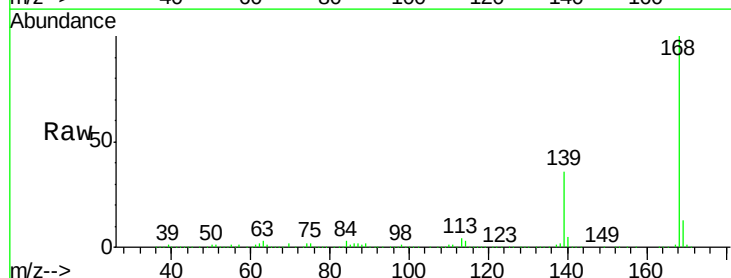
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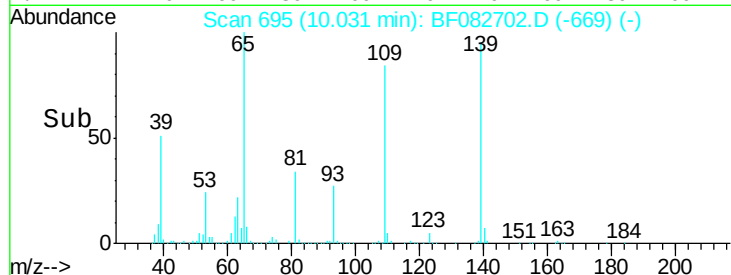
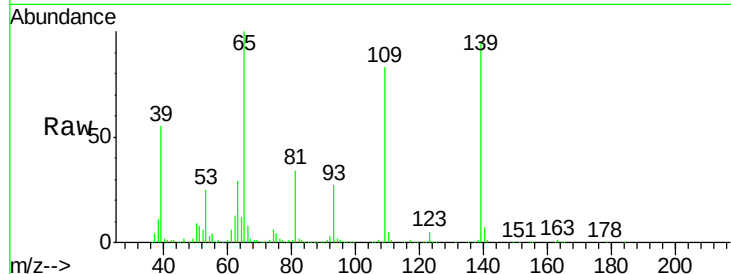
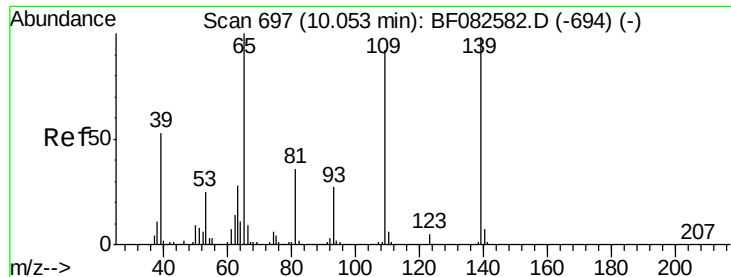
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#54
Dibenzofuran
Concen: 46.45 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1654772		
139	35.9	37.8	56.6#	
169	13.4	11.3	16.9	





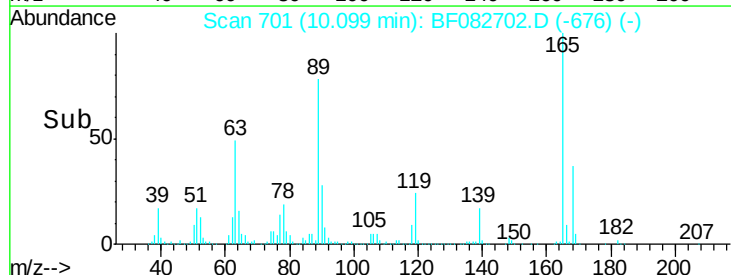
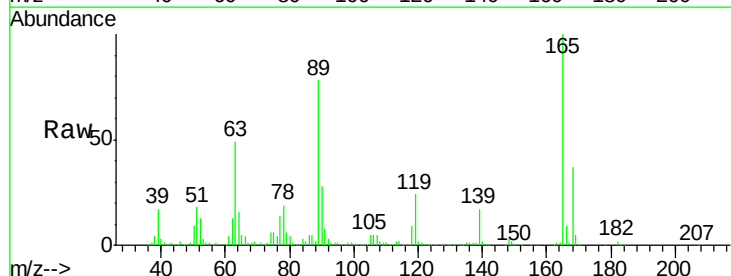
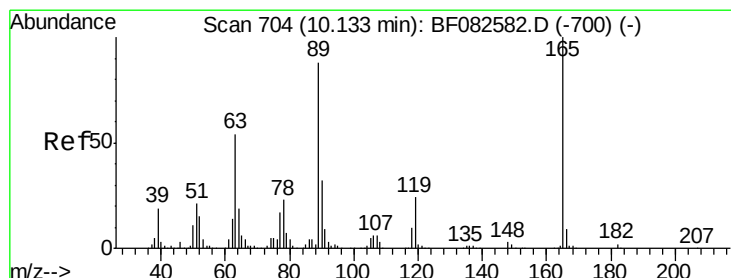
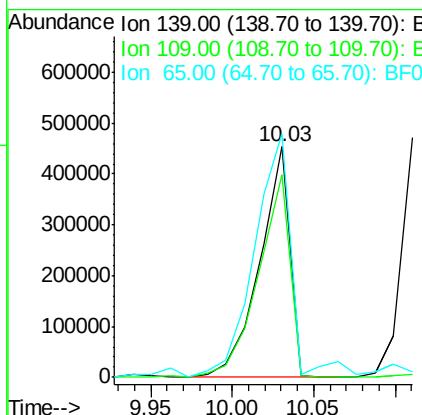
#55
4-Nitrophenol
Concen: 105.03 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	87.8	73.7	113.7	
65	105.5	82.9	122.9	

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

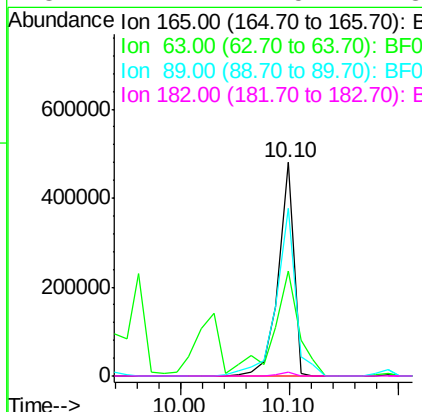
Manual Integrations
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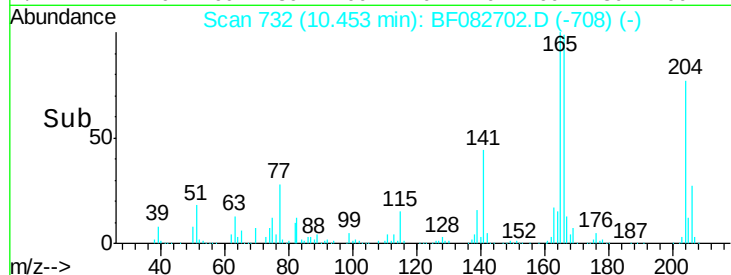
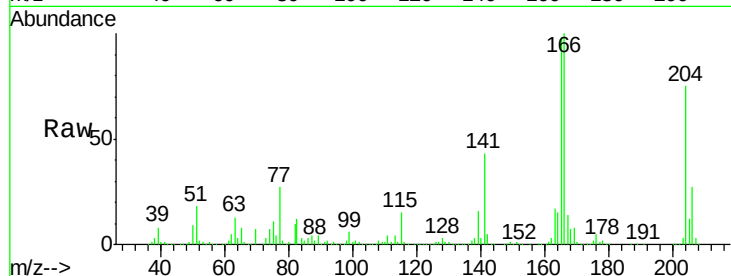
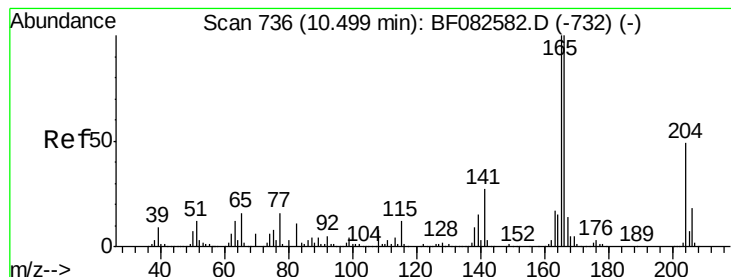
Mmdadoda
11/5/2015 2:19:32 PM



#56
2,4-Dinitrotoluene
Concen: 52.17 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.2	43.4	65.0	
89	78.4	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 43.17 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tot Ion:	166	Resp:	1240391
Ion Ratio	Lower	Upper	
166	100		
165	98.4	80.2	120.4
167	14.2	11.2	16.8

Instrument :

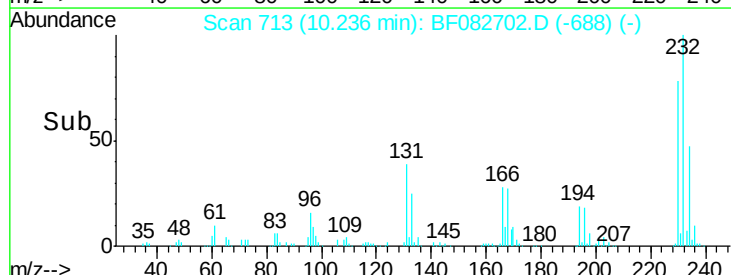
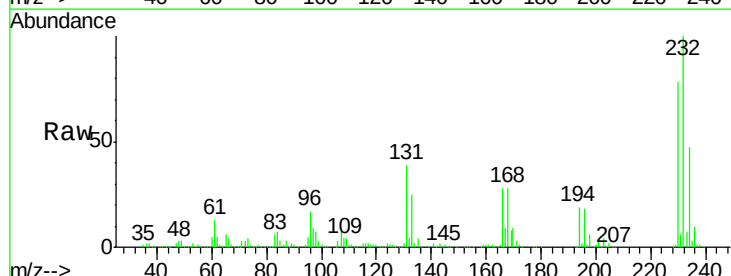
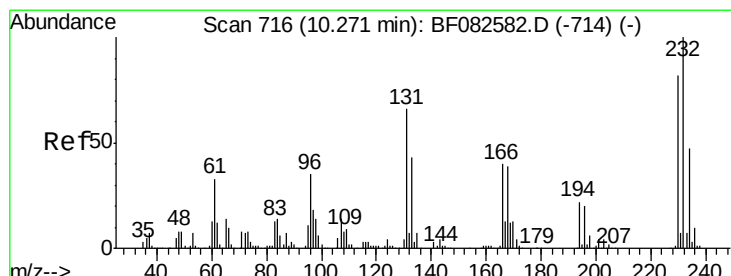
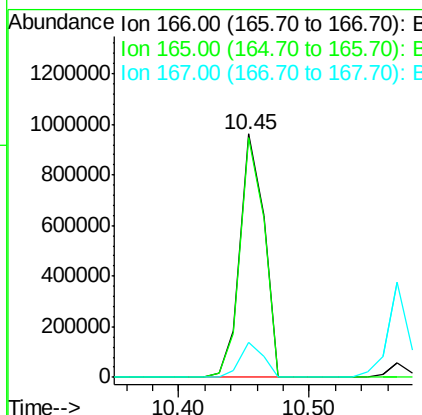
BNA_F

ClientSampleId :

SB-07(4-6)MS

Manual Integrations
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11/5/2015 2:19:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.76 ng m

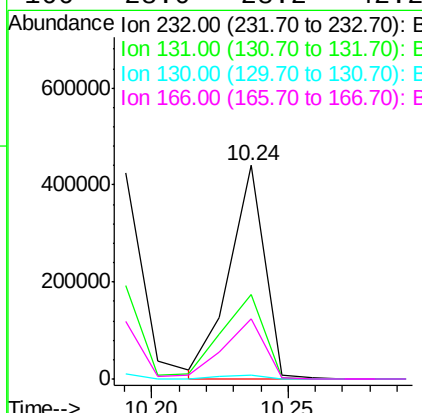
RT: 10.24 min Scan# 713

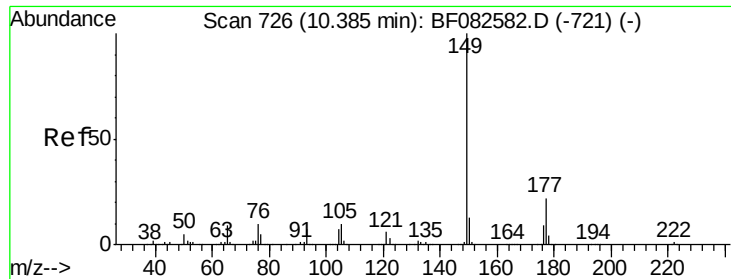
Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	232	Resp:	395770
Ion Ratio	Lower	Upper	
232	100		
131	46.8	46.2	69.2
130	2.6	2.4	3.6
166	28.0	28.2	42.2#





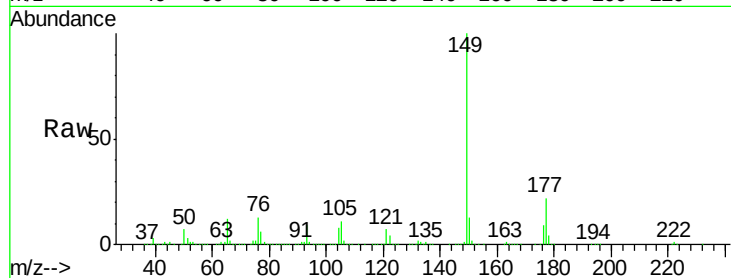
#59
Diethylphthalate
Concen: 46.81 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

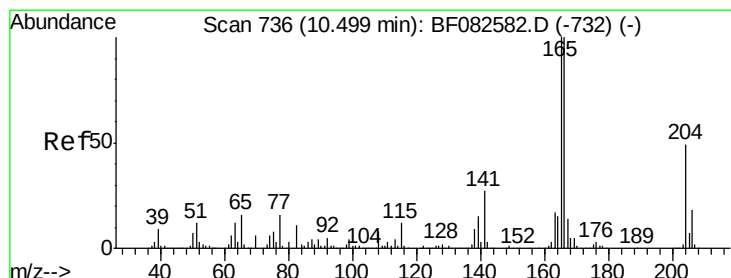
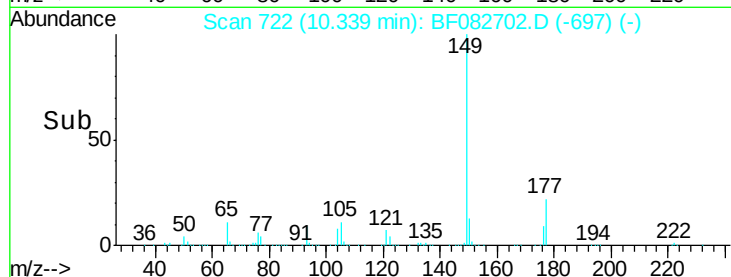
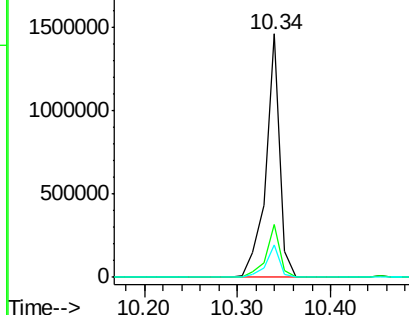
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	13.1	10.1	15.1

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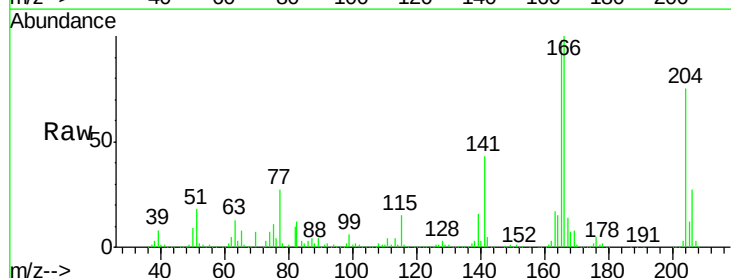


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

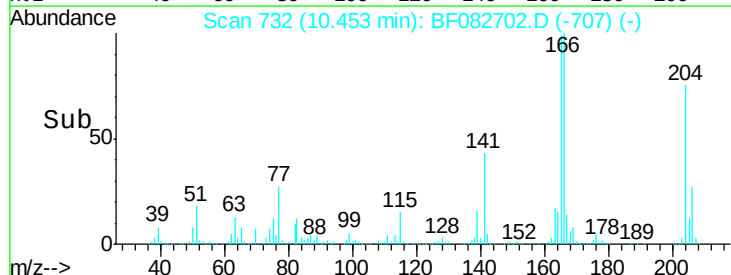
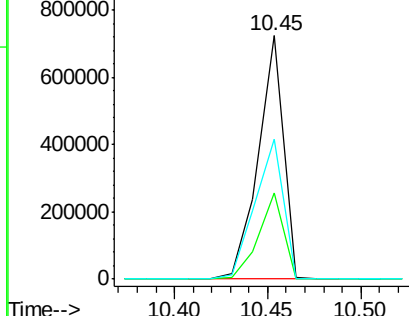


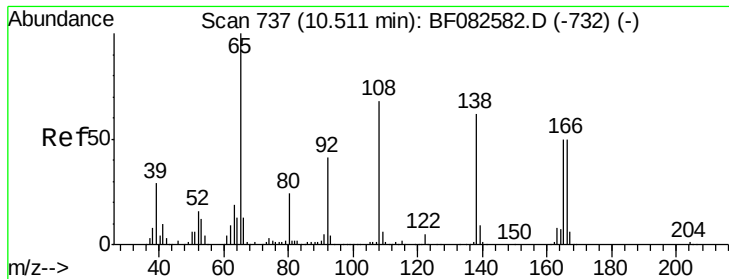
#60
4-Chlorophenyl-phenylether
Concen: 48.40 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	57.6	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: 41.13 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

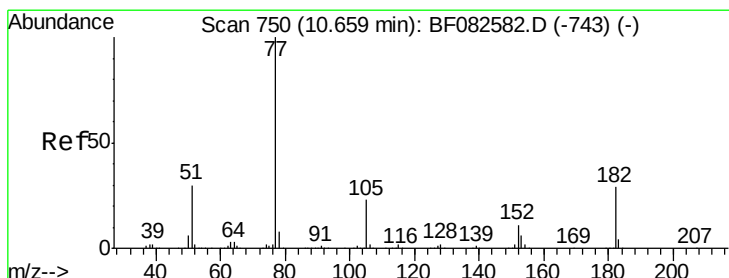
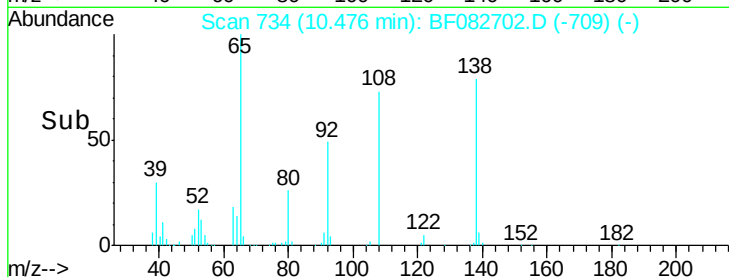
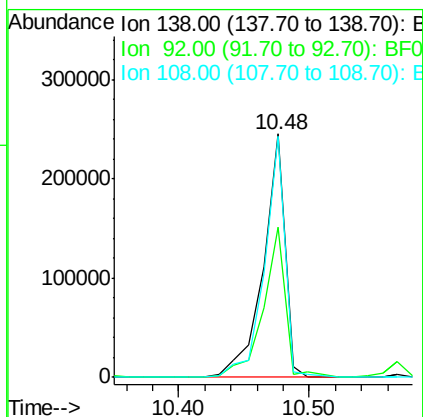
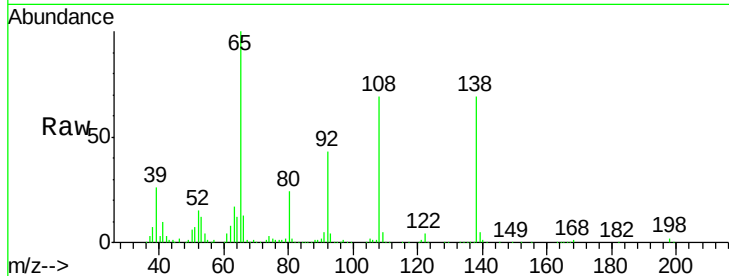
ClientSampleId :

SB-07(4-6)MS

Tot Ion:	138	Resp:	289765
Ion Ratio	Lower	Upper	
138	100		
92	61.9	45.8	85.8
108	99.0	89.4	129.4

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#62

Azobenzene

Concen: 45.63 ng

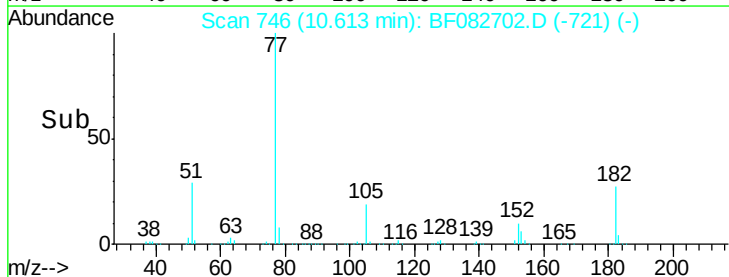
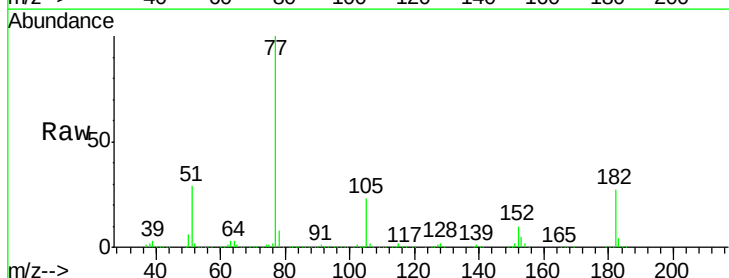
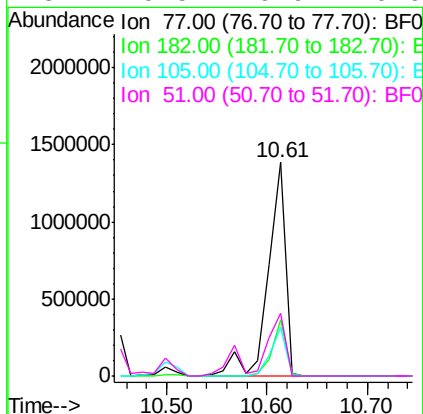
RT: 10.61 min Scan# 746

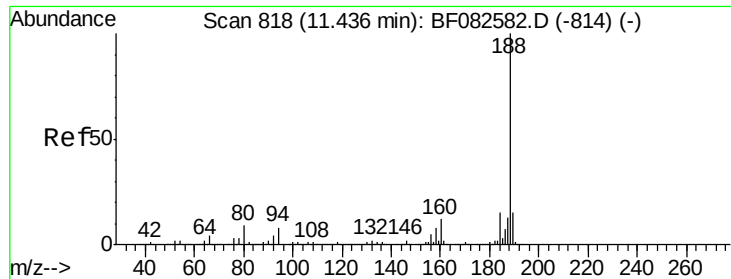
Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	77	Resp:	1677114
Ion Ratio	Lower	Upper	
77	100		
182	26.5	9.3	49.3
105	22.6	2.6	42.6
51	29.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

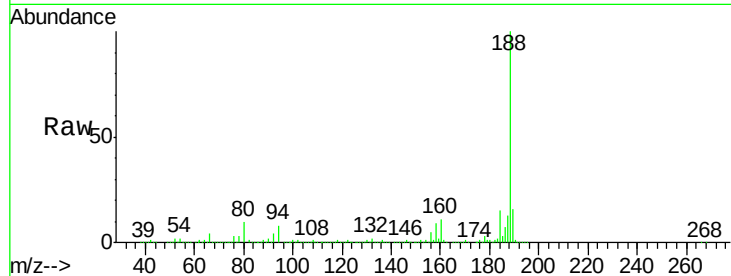
ClientSampleId :

SB-07(4-6)MS

Tot Ion:188	Resp:	774879
Ion Ratio	Lower	Upper
188 100		
94 7.8	6.1	9.1
80 9.6	7.0	10.6

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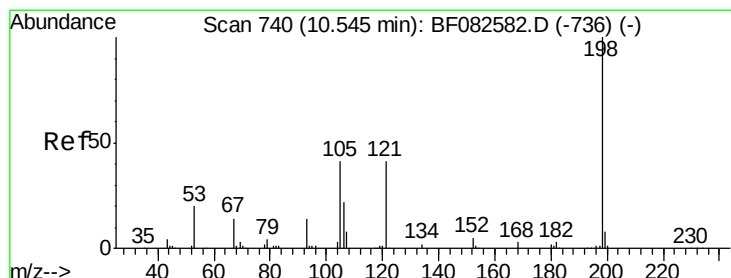
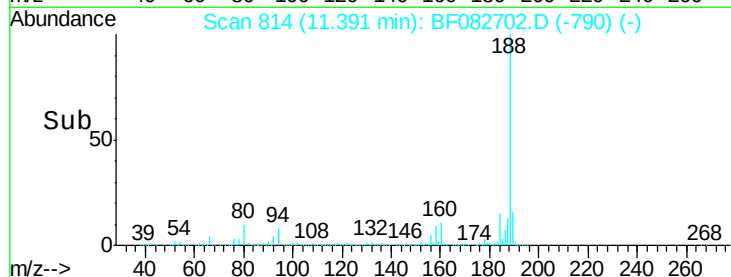
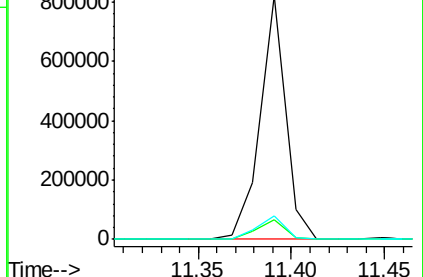
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.04 ng

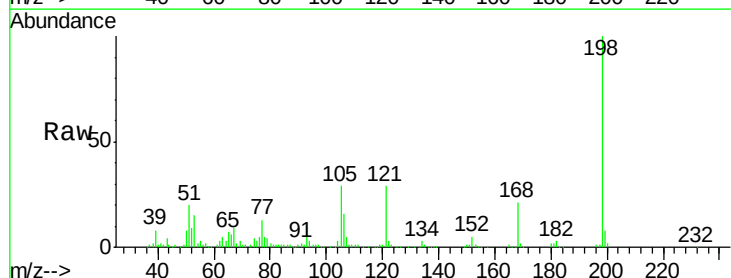
RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

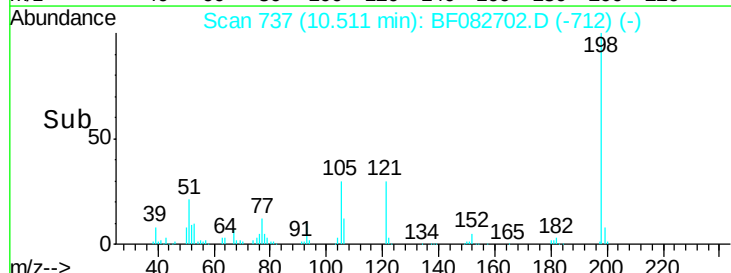
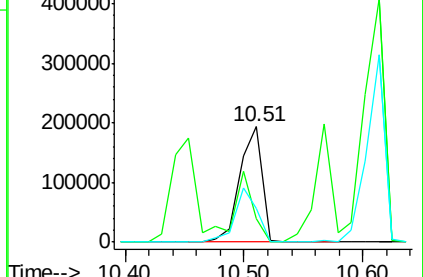
Tgt Ion:198	Resp:	252540
Ion Ratio	Lower	Upper
198 100		
51 20.1	17.3	57.3
105 28.8	21.7	61.7

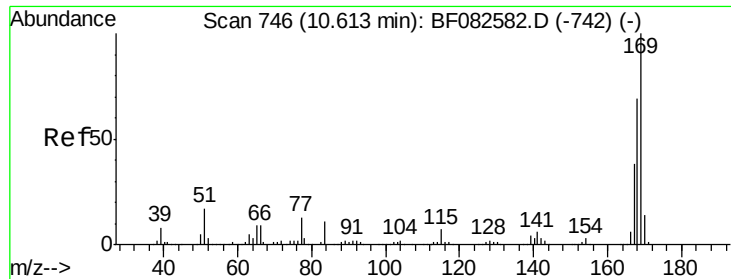


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.98 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:169 Resp: 1065018

Ion Ratio Lower Upper

169 100

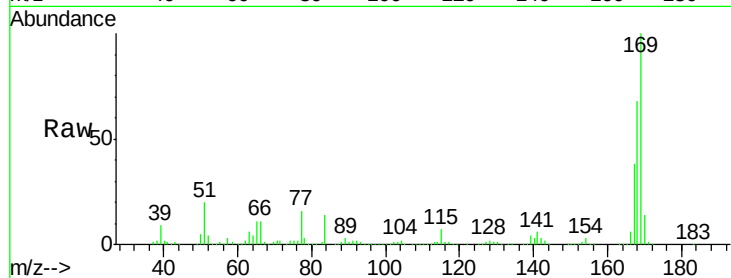
168 68.3 55.0 82.6

167 38.3 30.5 45.7

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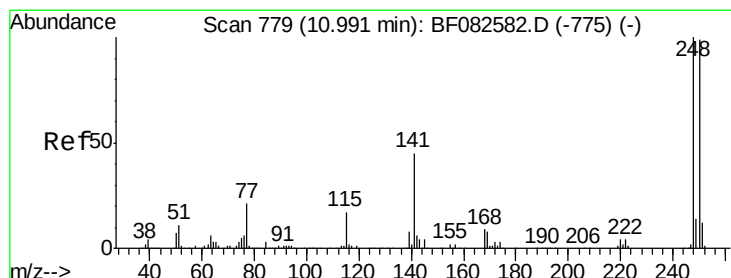
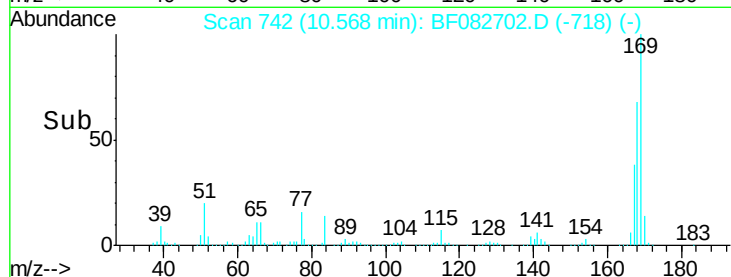
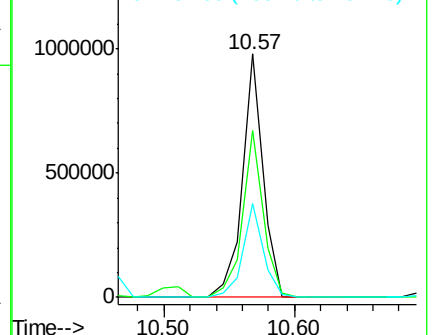
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.66 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

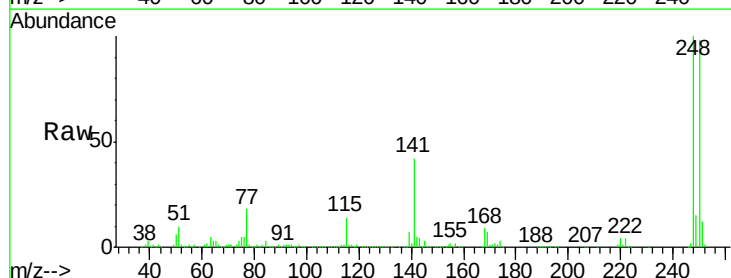
Tgt Ion:248 Resp: 392147

Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

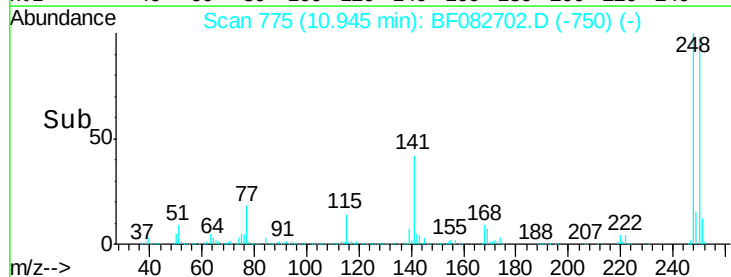
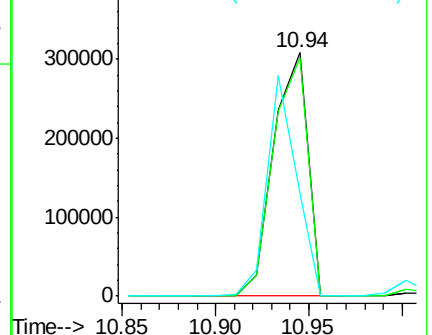
141 42.5 36.3 54.5

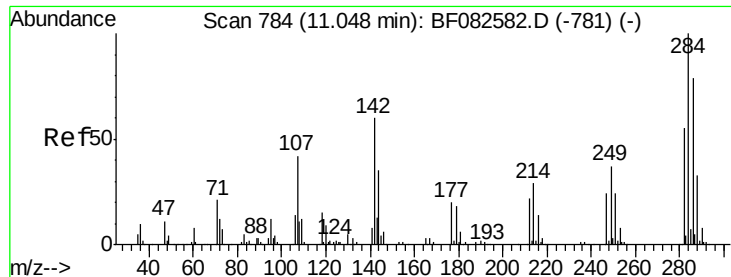


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.06 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

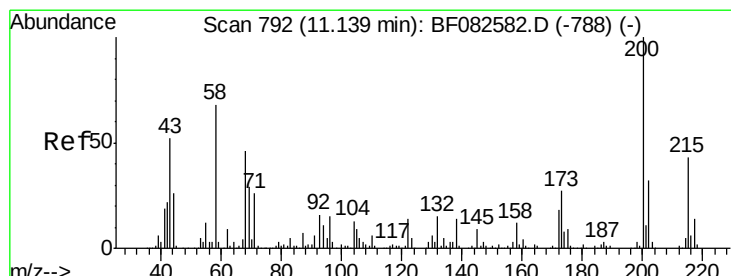
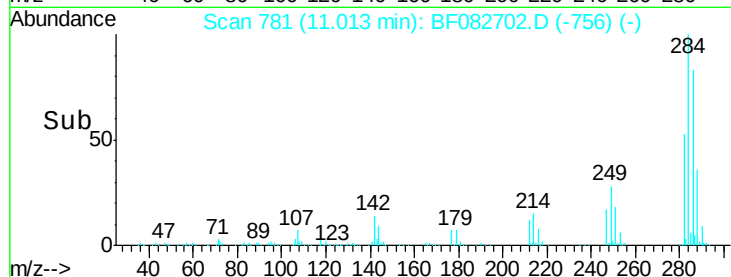
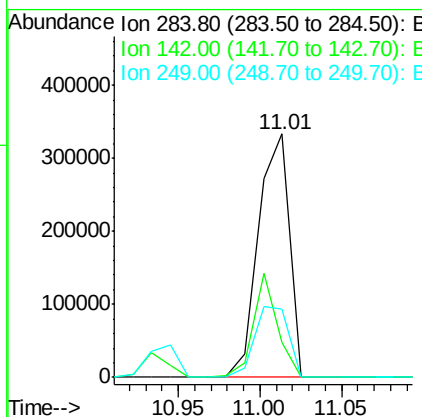
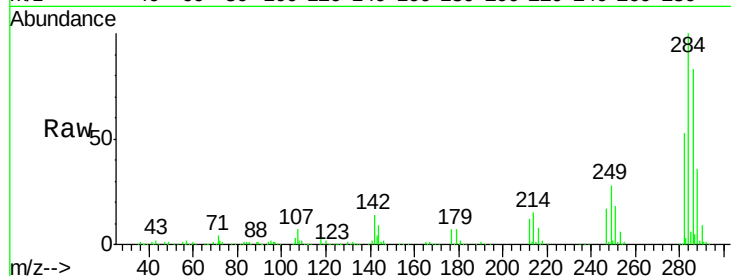
ClientSampleId :

SB-07(4-6)MS

Tot Ion:	284	Resp:	438747
Ion Ratio		Lower	Upper
284	100		
142	14.5	47.9	71.9#
249	27.9	29.7	44.5#

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#68

Atrazine

Concen: 50.61 ng

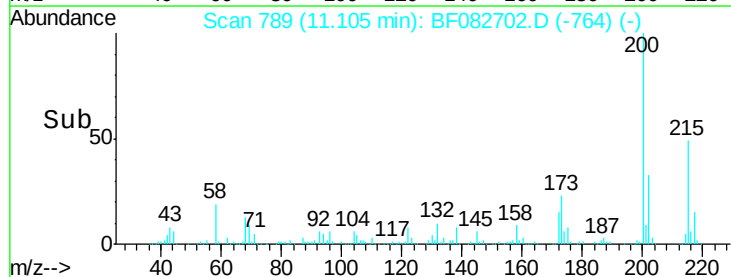
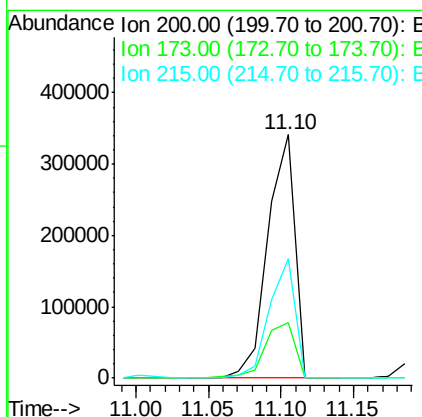
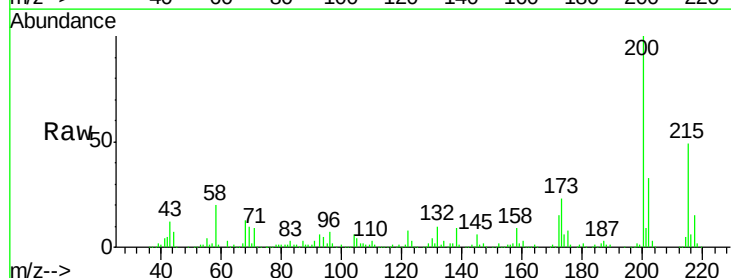
RT: 11.10 min Scan# 789

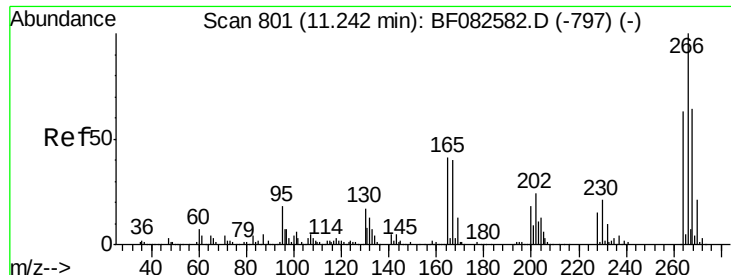
Delta R.T. -0.01 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	200	Resp:	441066
Ion Ratio		Lower	Upper
200	100		
173	22.7	6.9	46.9
215	49.1	22.9	62.9





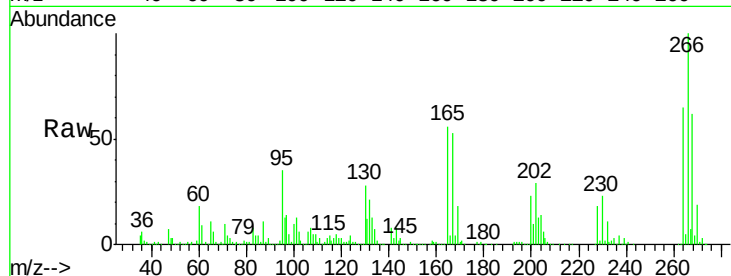
#69
 Pentachlorophenol
 Concen: 77.91 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

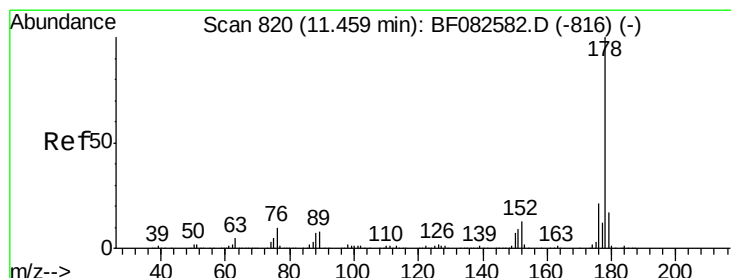
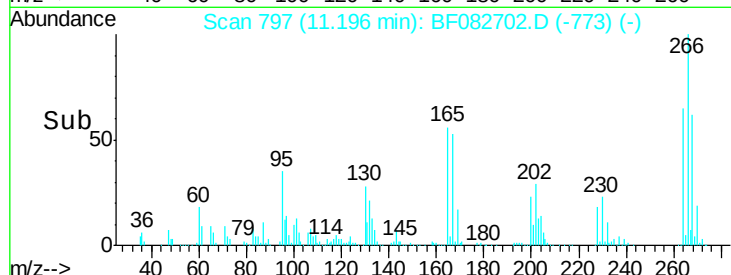
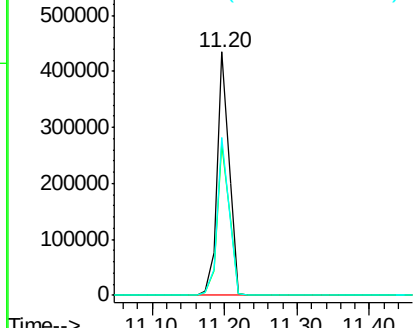
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.6
264	64.8	50.6	75.8

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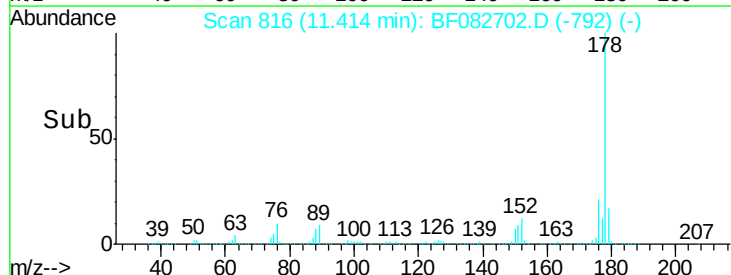
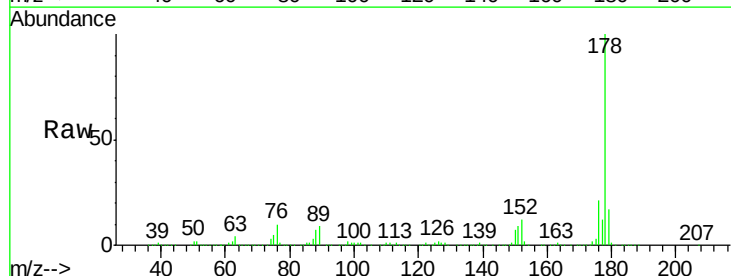
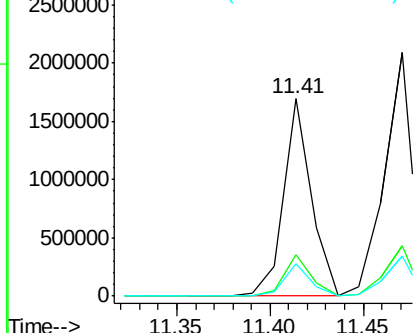
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

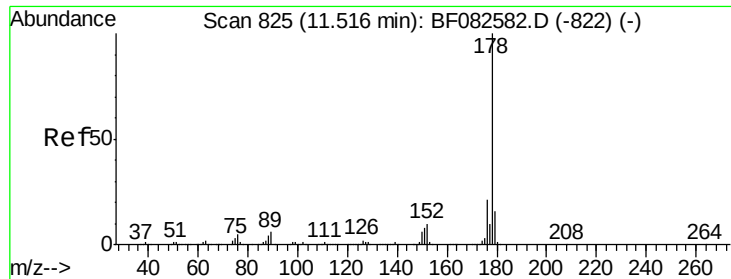


#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.0	25.4
179	16.7	13.4	20.0

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





#71
 Anthracene
 Concen: 46.77 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

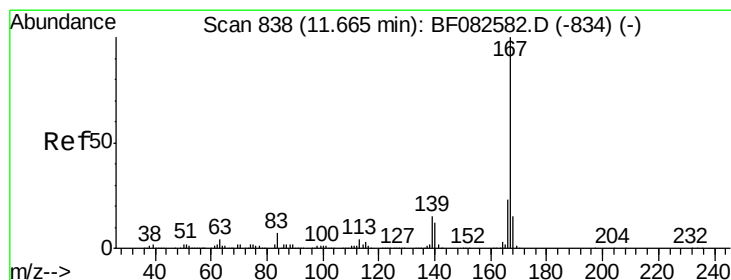
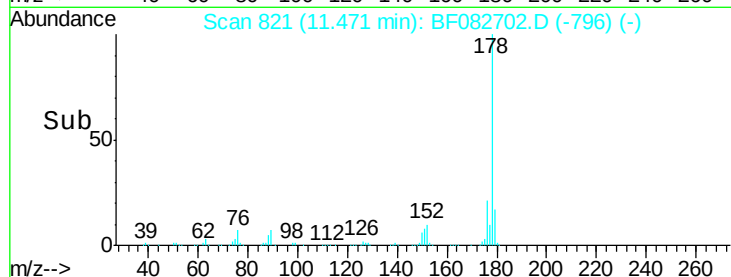
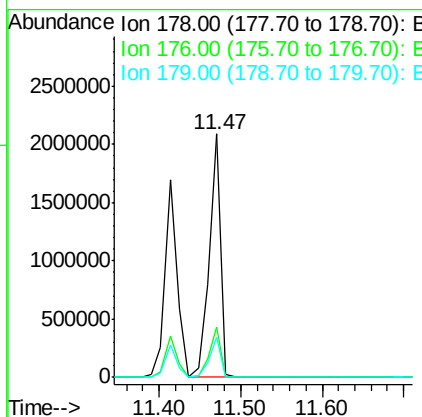
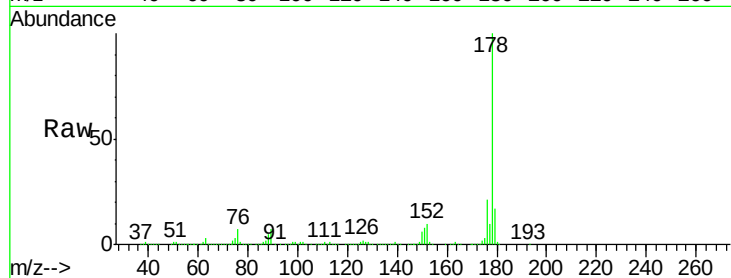
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MS

Tot Ion:178 Resp: 2058300

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.5	24.7
179	16.6	13.2	19.8

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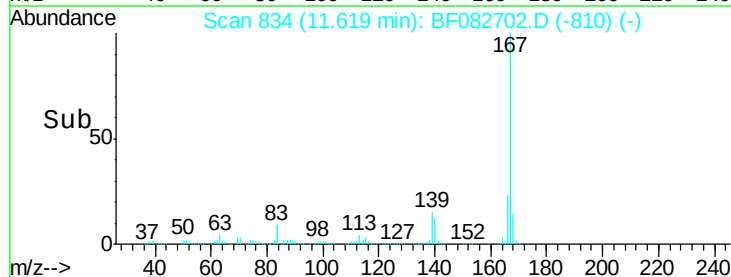
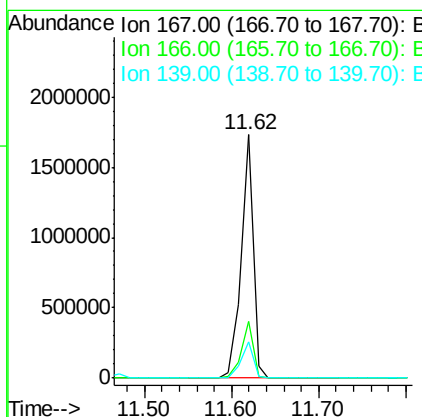
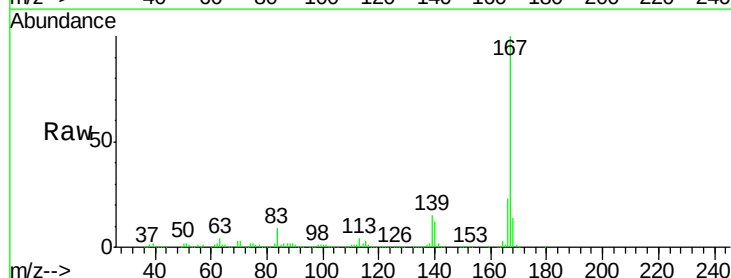
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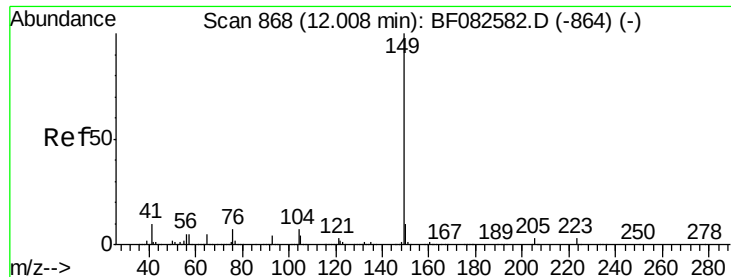


#72
 Carbazole
 Concen: 42.89 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion:167 Resp: 1643997

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.7	28.1
139	15.0	11.8	17.6





#73

Di-n-butylphthalate

Concen: 46.58 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:149 Resp: 2272896

Ion Ratio Lower Upper

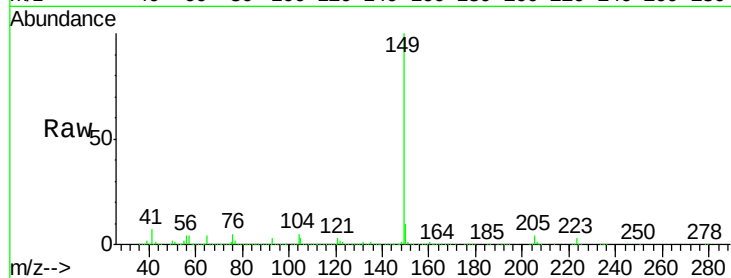
149 100

150 10.1 8.1 12.1

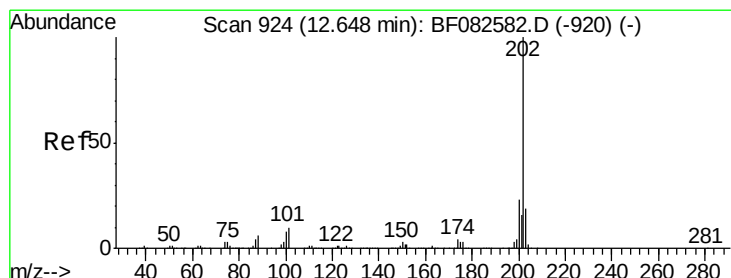
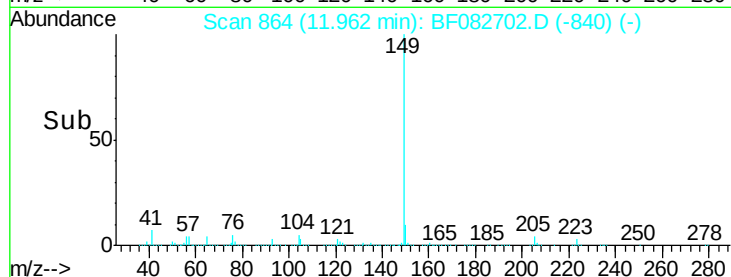
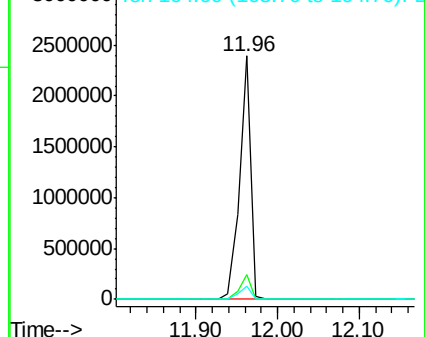
104 5.5 5.2 7.8

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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: 42.67 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

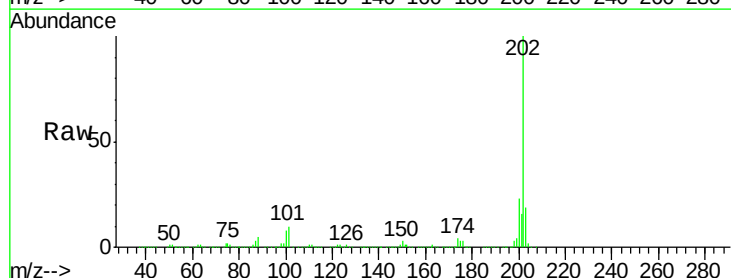
Tgt Ion:202 Resp: 1906497

Ion Ratio Lower Upper

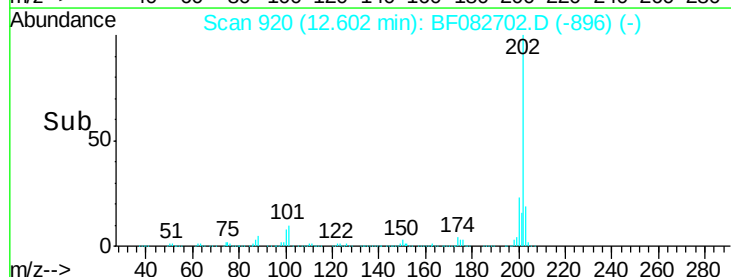
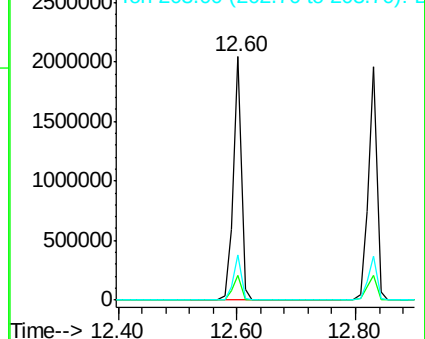
202 100

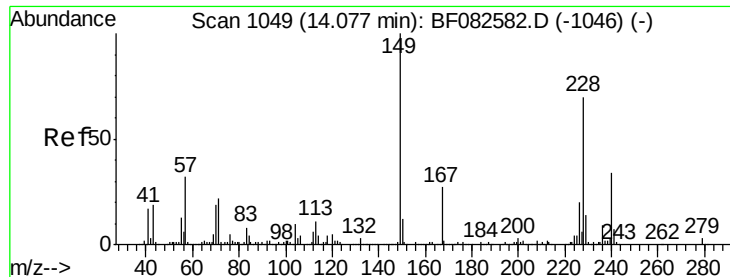
101 10.2 0.0 30.5

203 18.7 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: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

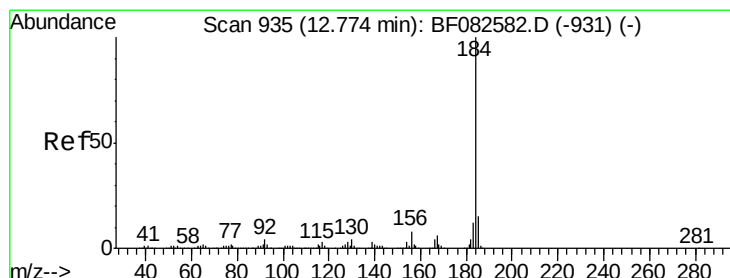
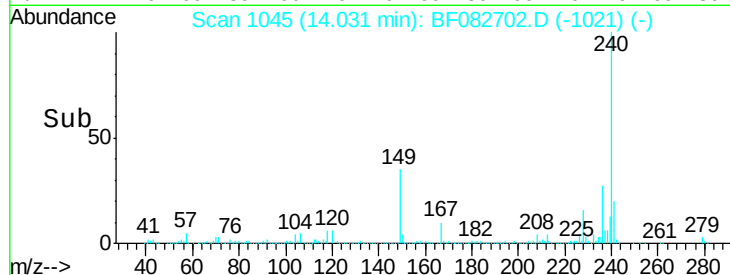
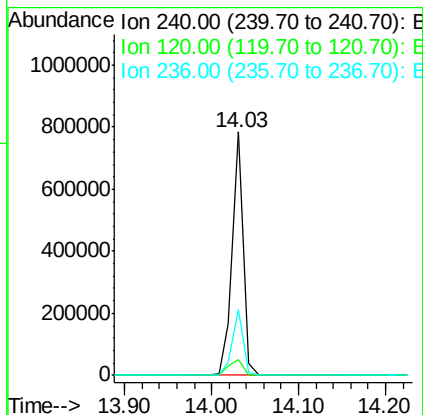
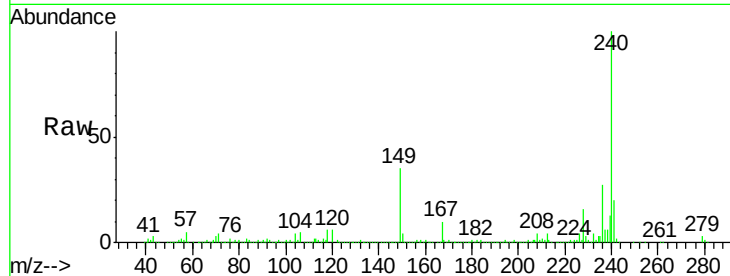
ClientSampled :

SB-07(4-6)MS

Tot Ion:	240	Resp:	687375
Ion Ratio	Lower	Upper	
240	100		
120	6.3	10.9	16.3#
236	26.8	21.6	32.4

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#76

Benzidine

Concen: 18.20 ng

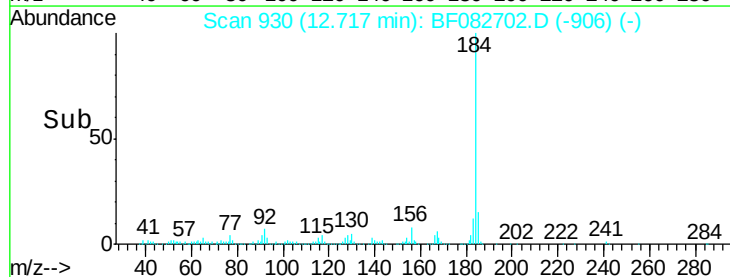
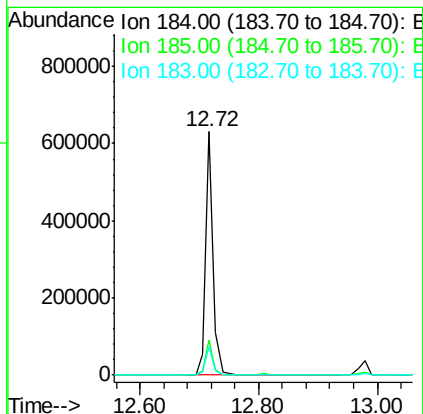
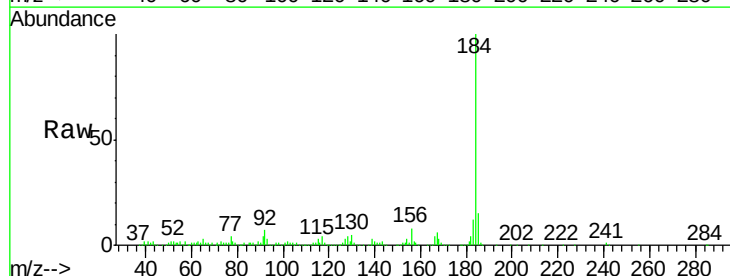
RT: 12.72 min Scan# 930

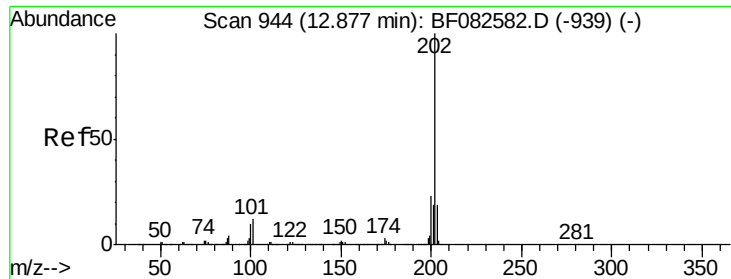
Delta R.T. -0.02 min

Lab File: BF082702.D

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Tgt Ion:	184	Resp:	564236
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.0	18.0
183	11.9	9.6	14.4





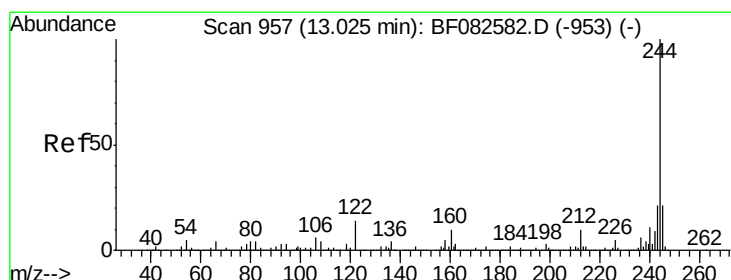
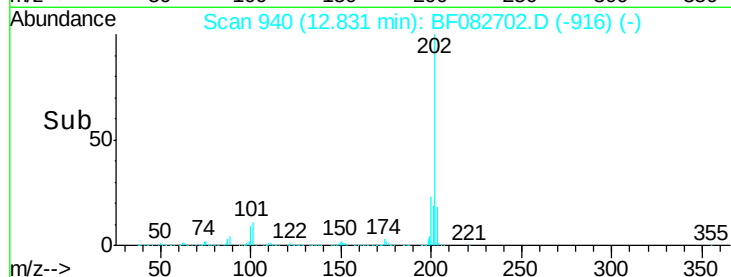
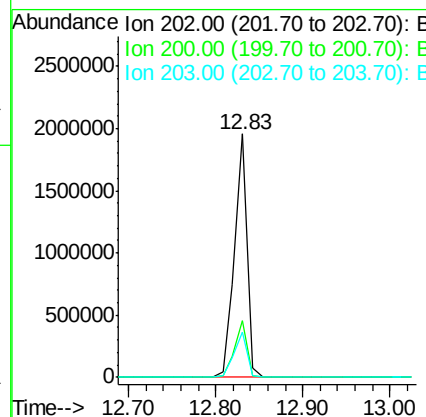
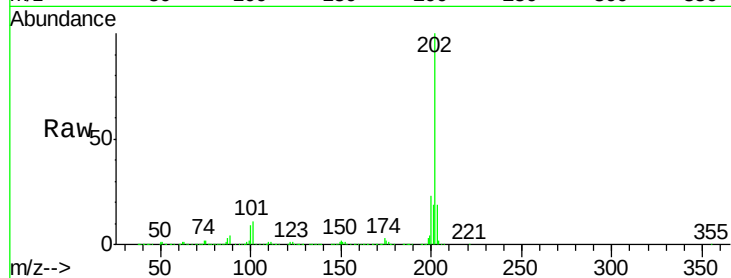
#77
Pvrene
Concen: 38.16 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.7	28.1
203	18.8	14.8	22.2

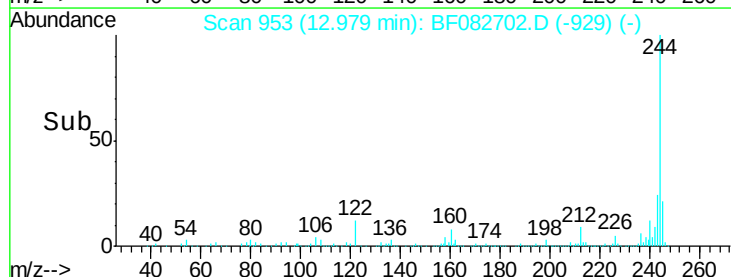
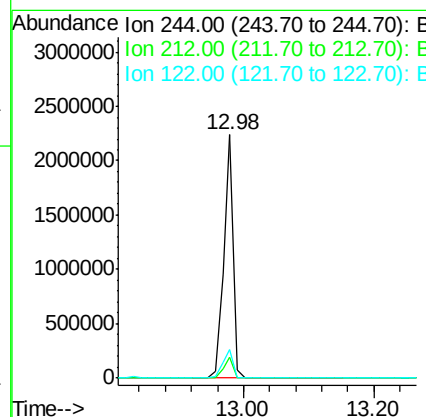
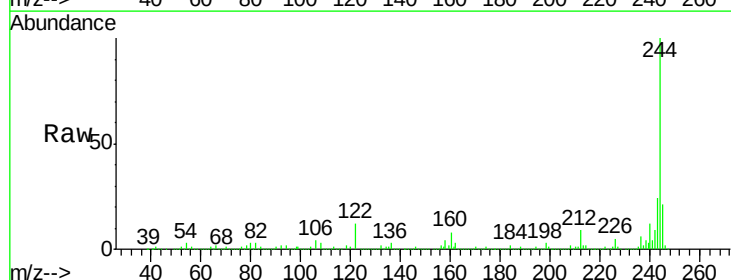
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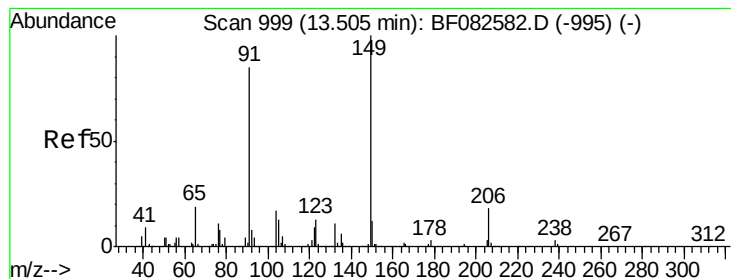
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#78
Terphenyl-d14
Concen: 72.89 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	11.6	11.3	16.9





#79

Butylbenzylphthalate

Concen: 41.95 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

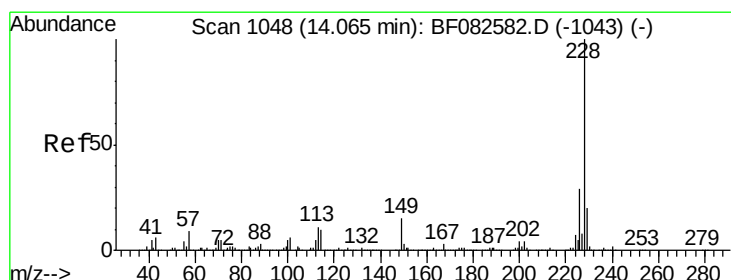
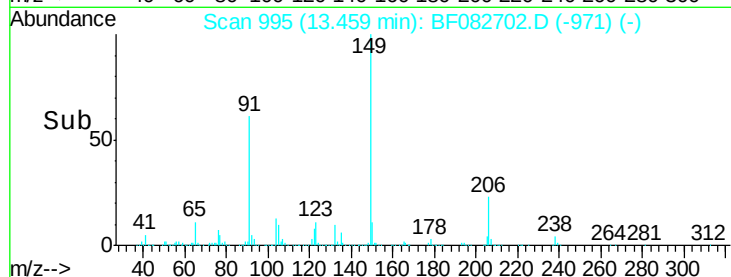
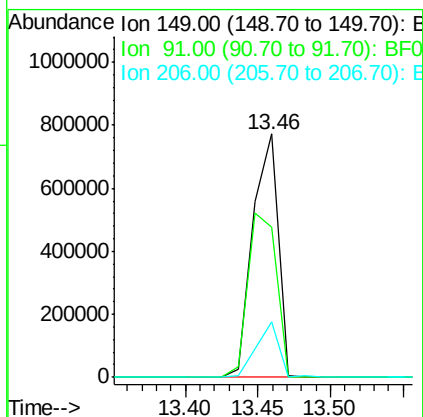
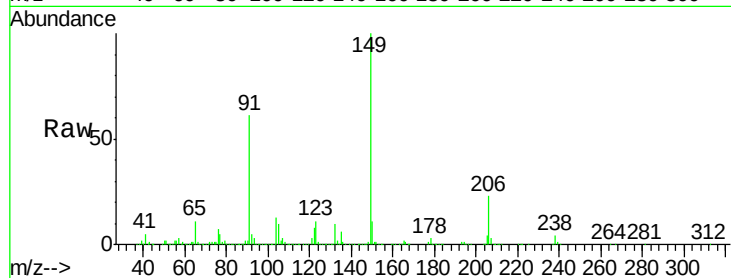
ClientSampleID :

SB-07(4-6)MS

Tot Ion:	149	Resp:	935229
Ion Ratio	Lower	Upper	
149	100		
91	61.5	67.7	101.5#
206	22.8	14.6	22.0#

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#80

Benzo(a)anthracene

Concen: 37.35 ng

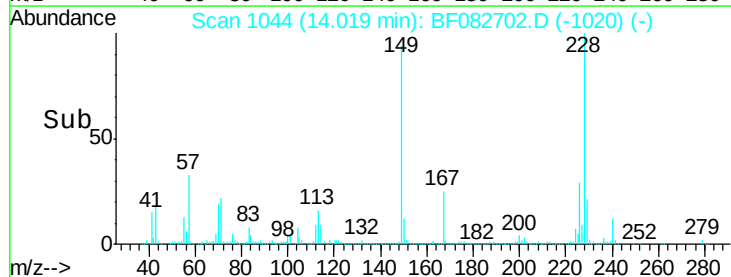
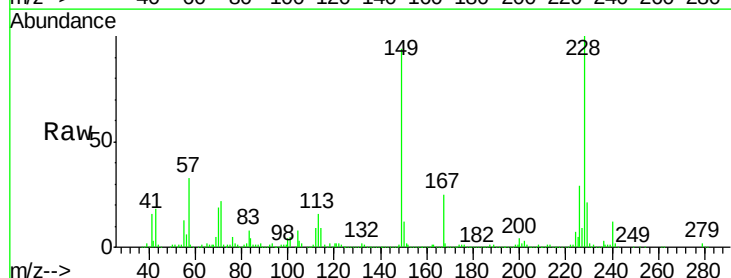
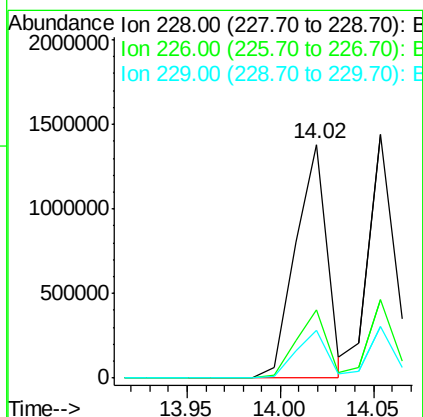
RT: 14.02 min Scan# 1044

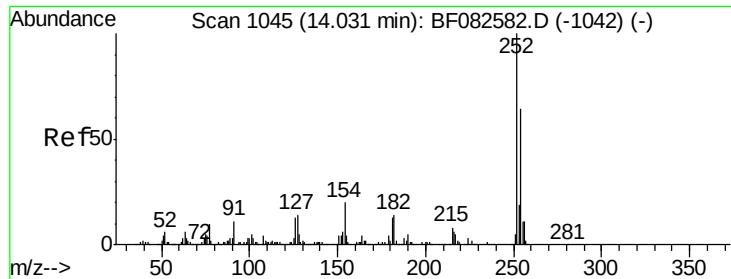
Delta R.T. -0.02 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:	228	Resp:	1630761
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	20.7	16.3	24.5





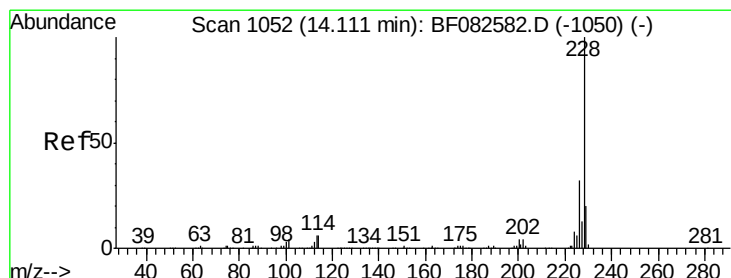
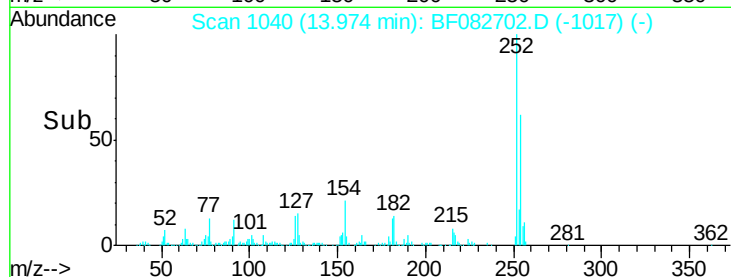
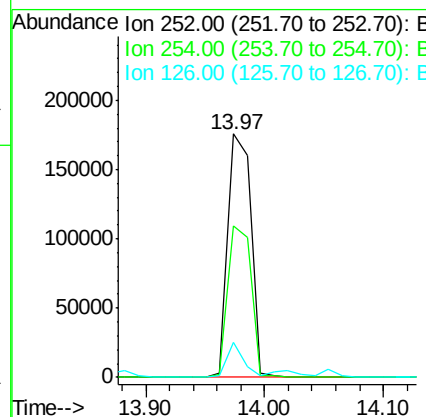
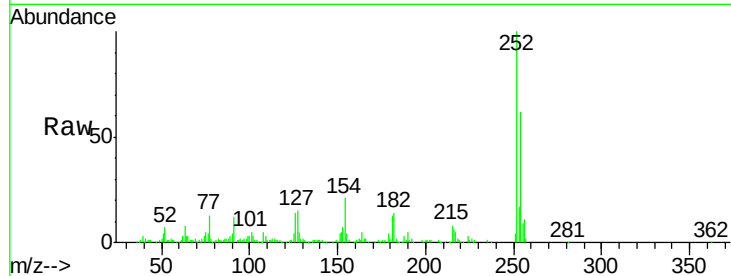
#81
 3,3'-Dichlorobenzidine
 Concen: 15.71 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	236298		
254	62.0	51.4	77.0	
126	14.3	10.7	16.1	

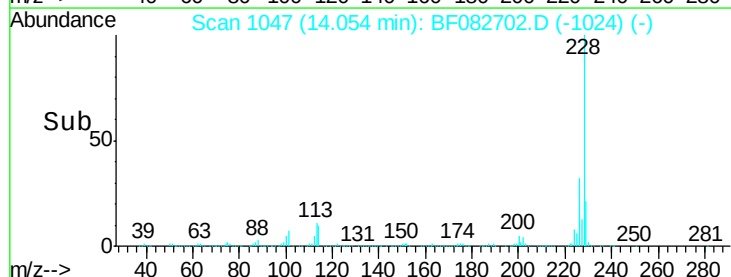
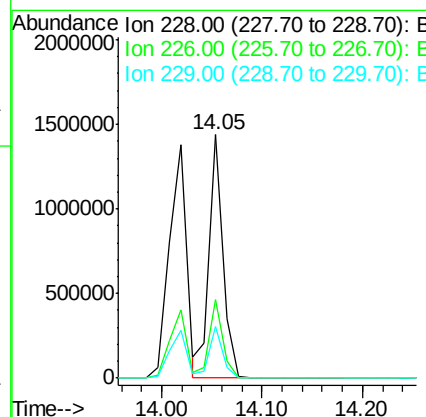
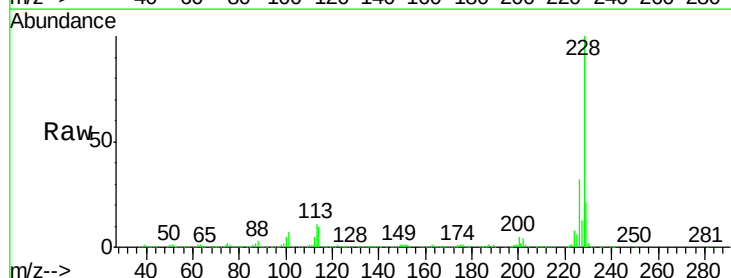
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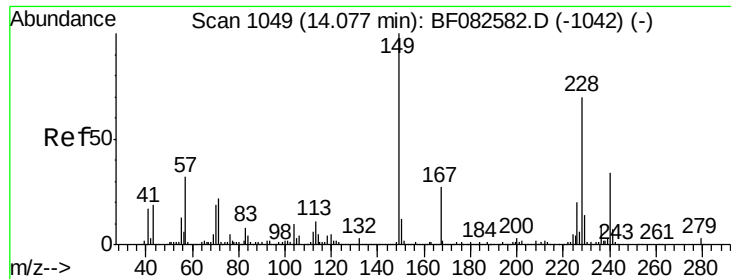
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#82
 Chrysene
 Concen: 35.07 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1387897		
226	32.0	25.5	38.3	
229	21.1	16.3	24.5	





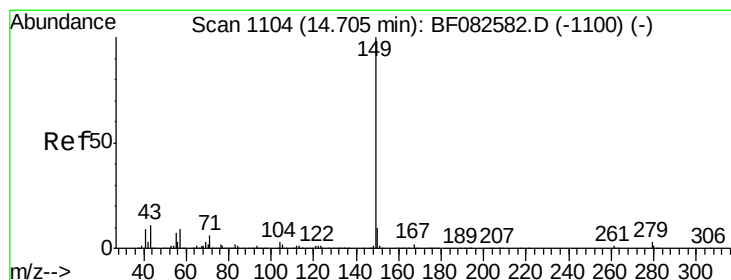
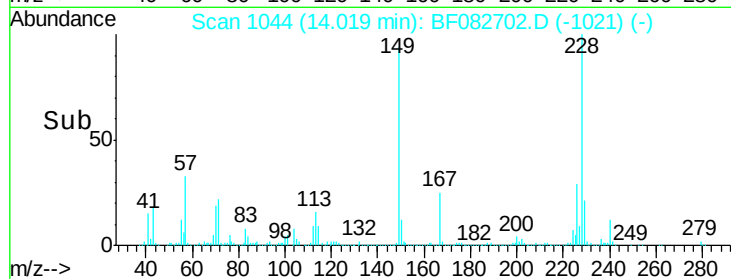
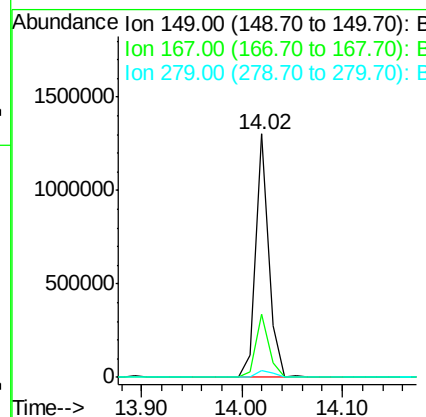
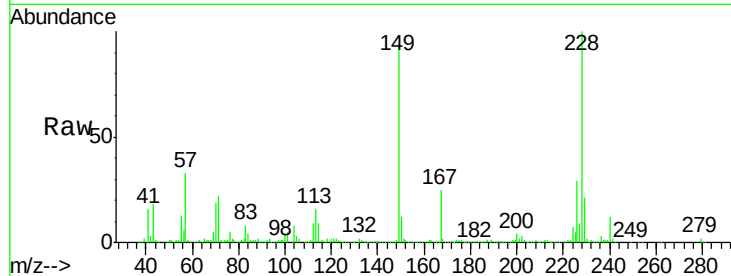
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.66 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	2.6	2.2	3.2

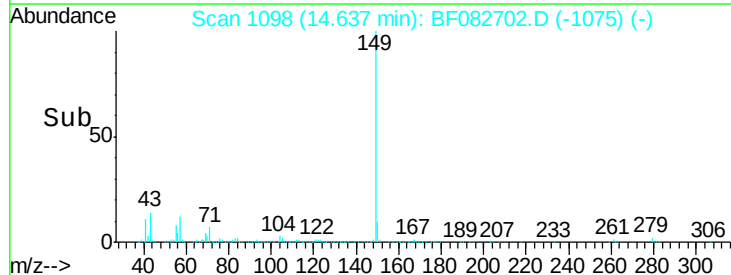
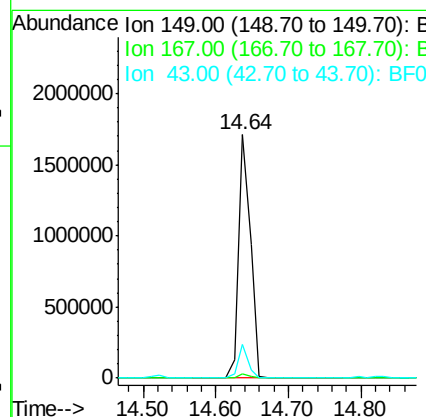
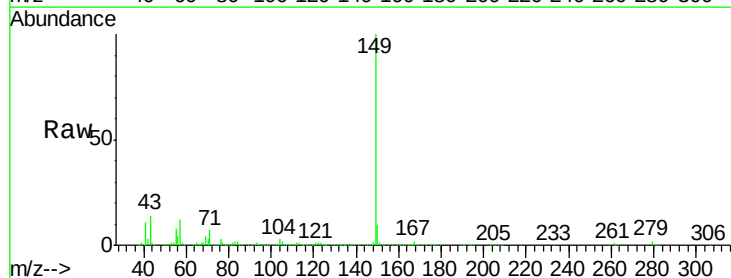
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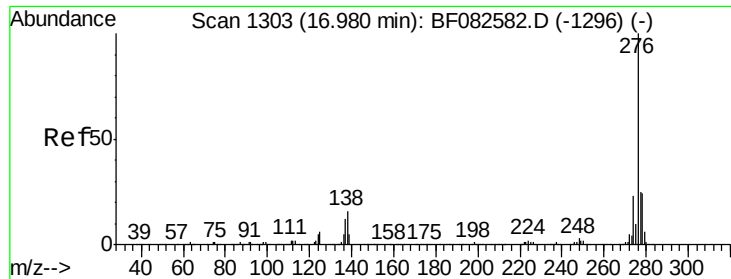
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#84
 Di-n-octyl phthalate
 Concen: 42.65 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	10.1	15.1





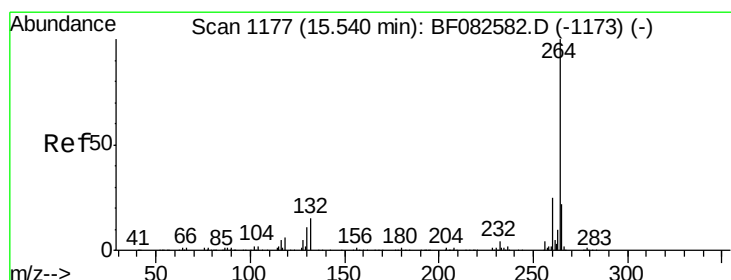
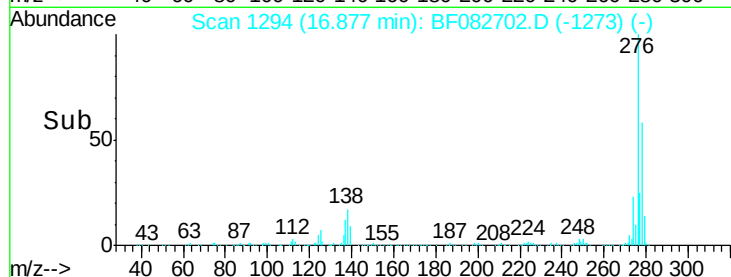
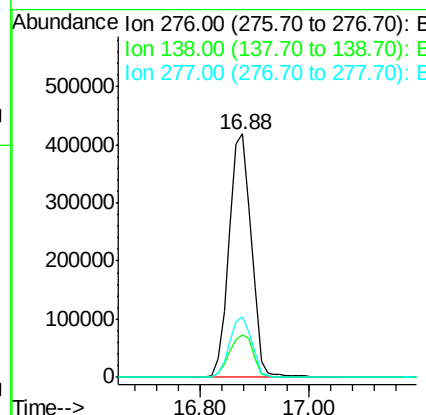
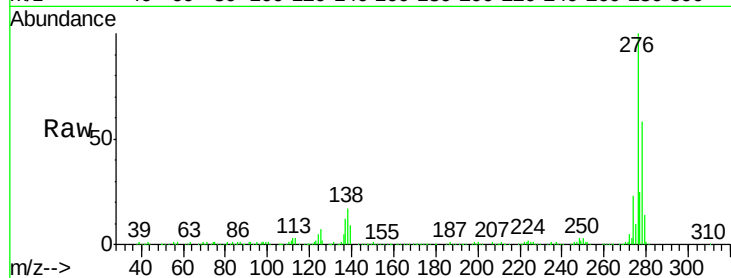
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.33 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.06 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.3	22.9
277	24.8	20.2	30.4

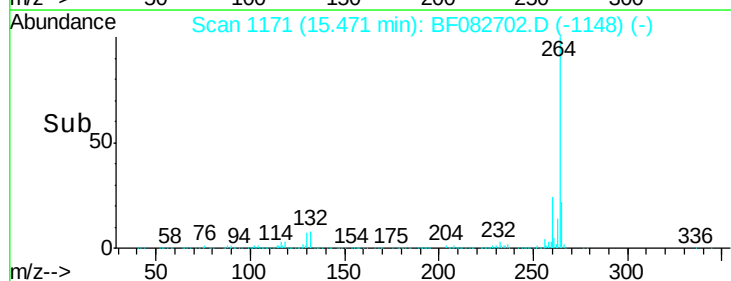
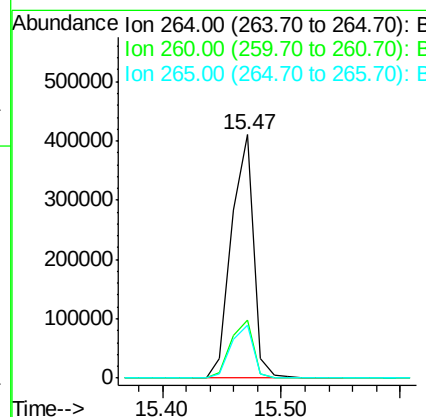
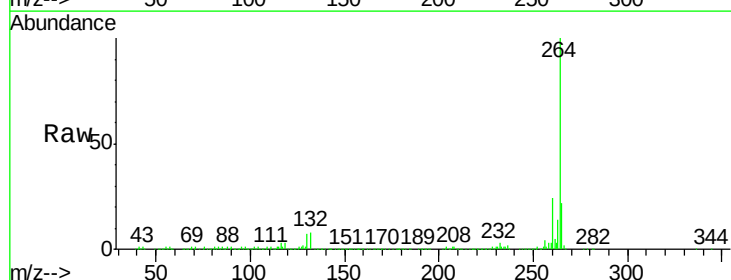
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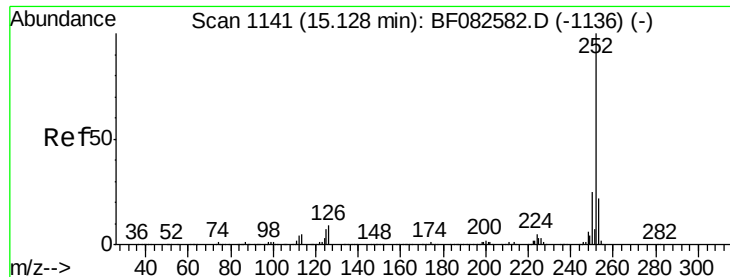
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.41 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MS

Tot Ion:252 Resp: 1366820

Ion Ratio Lower Upper

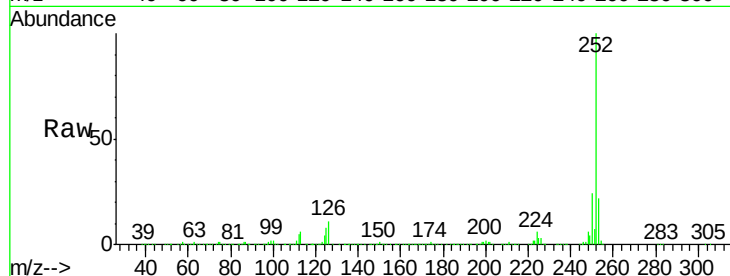
252 100

253 22.0 17.8 26.8

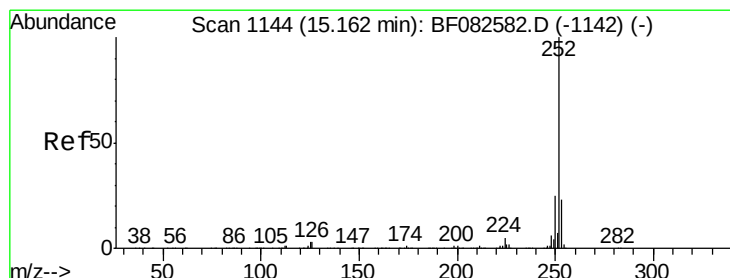
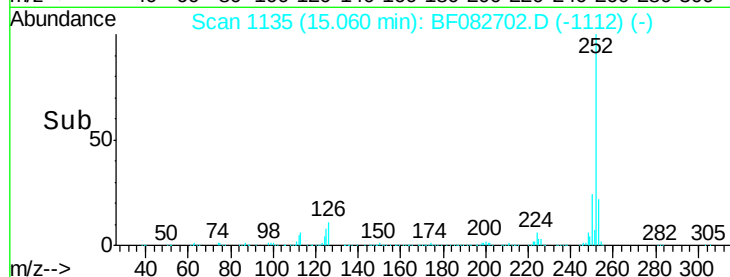
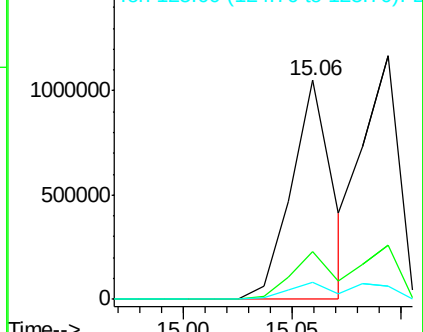
125 7.6 5.4 8.2

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



#88

Benzo(k)fluoranthene

Concen: 48.83 ng m

RT: 15.09 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF082702.D

Acq: 4 Nov 2015 15:48

Tgt Ion:252 Resp: 1359233

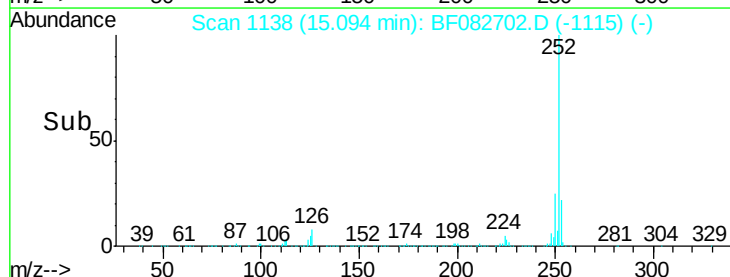
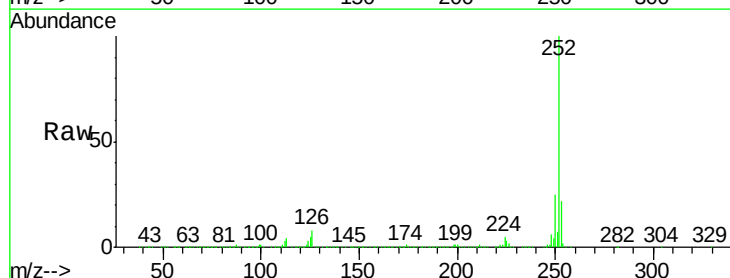
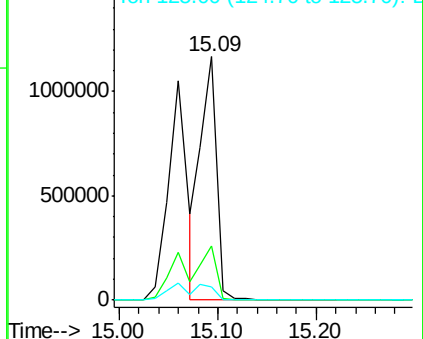
Ion Ratio Lower Upper

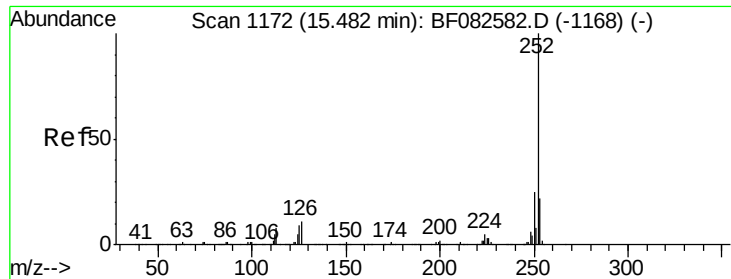
252 100

253 22.2 17.9 26.9

125 5.3 3.5 5.3#

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





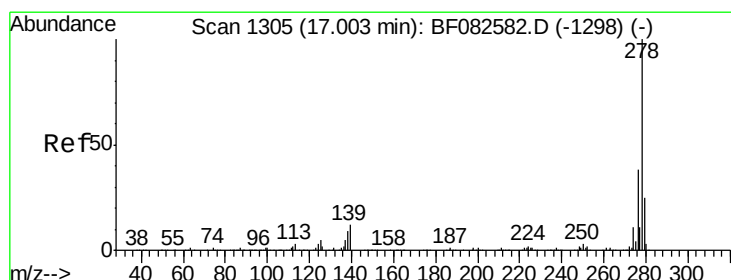
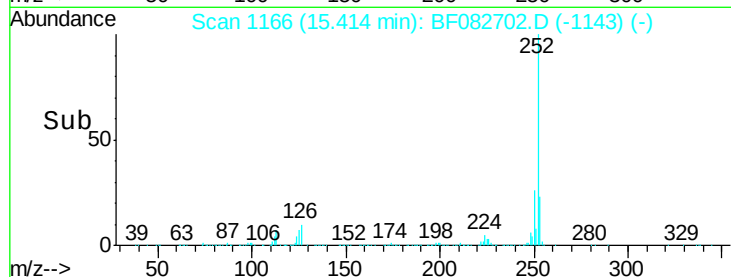
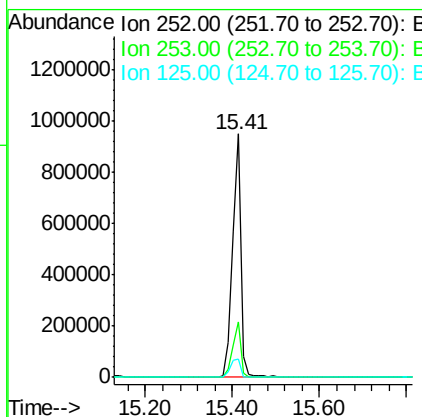
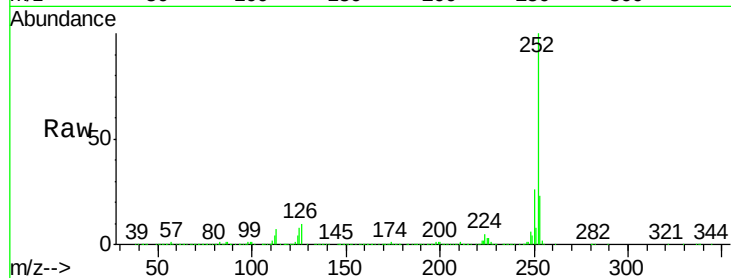
#89
Benzo(a)pyrene
Concen: 42.52 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	7.5	7.1	10.7

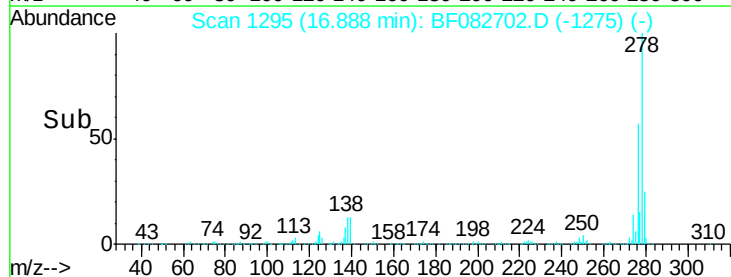
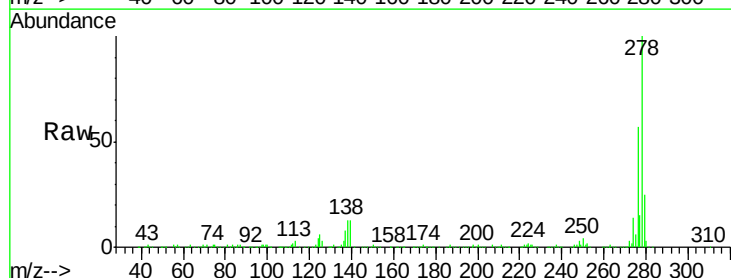
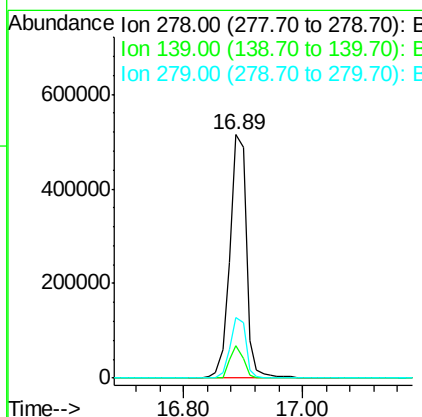
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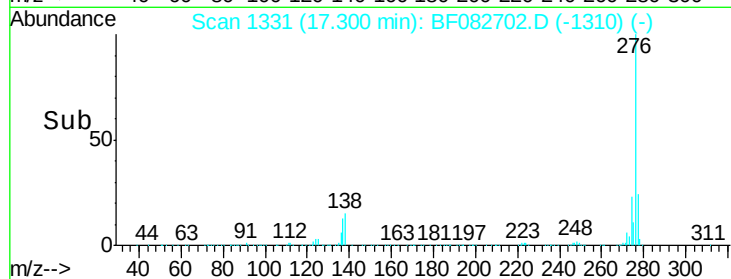
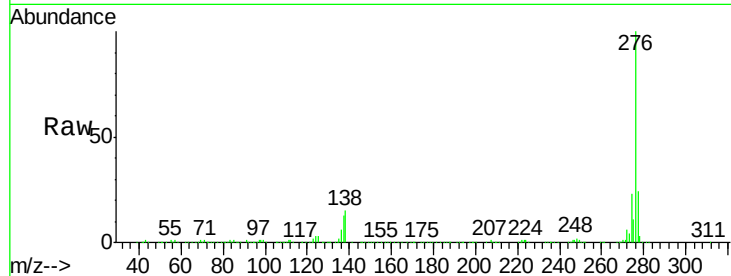
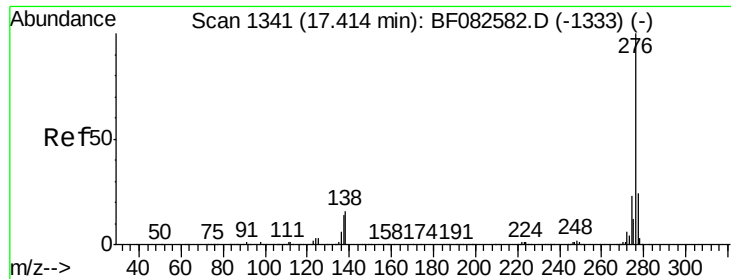
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#90
Dibenzo(a,h)anthracene
Concen: 37.12 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.07 min
Lab File: BF082702.D
Acq: 4 Nov 2015 15:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.9	14.9
279	24.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.55 ng
 RT: 17.30 min Scan# 1331
 Delta R.T. -0.06 min
 Lab File: BF082702.D
 Acq: 4 Nov 2015 15:48

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

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.3	19.2	28.8
138	14.9	13.1	19.7

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