

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090099.D
 Acq On : 15 Sep 2016 18:44
 Operator : UM/SJ
 Sample : H4758-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Manual Integrations
 APPROVED

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 9/20/2016 6:49:00 PM

Quant Time: Sep 16 03:36:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	169877	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	663436	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	289618	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	415378	20.00	ng	0.00
75) Chrysene-d12	13.67	240	324940	20.00	ng	0.00
86) Perylene-d12	14.99	264	270103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1391694	131.76	ng	0.01
7) Phenol-d6	6.22	99	1937040	140.08	ng	0.01
23) Nitrobenzene-d5	7.13	82	1131899	95.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	324017	111.38	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1542753	83.66	ng	0.00
78) Terphenyl-d14	12.63	244	990167	72.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	204565	37.09	ng	99
3) Pyridine	2.62	79	469163	34.02	ng	98
4) n-Nitrosodimethylamine	2.57	42	206302	46.25	ng	91
6) Aniline	6.27	93	383812m	22.36	ng	
8) 2-Chlorophenol	6.34	128	566252	46.53	ng	89
9) Benzaldehyde	6.09	77	64678	8.78	ng	93
10) Phenol	6.23	94	557402	35.91	ng	81
11) bis(2-Chloroethyl)ether	6.31	93	593571m	47.68	ng	
12) 1,3-Dichlorobenzene	6.49	146	559918	44.73	ng	99
13) 1,4-Dichlorobenzene	6.57	146	589180	45.59	ng	99
14) 1,2-Dichlorobenzene	6.73	146	480413	40.91	ng	99
15) Benzyl Alcohol	6.72	79	409671	52.61	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	678093	45.97	ng	97
17) 2-Methylphenol	6.84	107	475827	47.80	ng	94
18) Hexachloroethane	7.06	117	192738	41.10	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	379839	44.20	ng	99
20) 3+4-Methylphenols	6.99	107	573043	47.42	ng	94
22) Acetophenone	6.98	105	759920	47.32	ng	98
24) Nitrobenzene	7.14	77	566636	45.59	ng	99
25) Isophorone	7.39	82	1153319	46.68	ng	99
26) 2-Nitrophenol	7.46	139	292131	48.47	ng	98
27) 2,4-Dimethylphenol	7.52	122	479197	45.19	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	691848	47.74	ng	100
29) 2,4-Dichlorophenol	7.71	162	456144	48.70	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	435289	47.11	ng	100
31) Naphthalene	7.86	128	1432420	43.92	ng	99
32) Benzoic acid	7.62	122	61479	8.26	ng	93
33) 4-Chloroaniline	7.93	127	244463	17.61	ng	97
34) Hexachlorobutadiene	7.99	225	208803	44.13	ng	99
35) Caprolactam	8.31	113	140636m	44.96	ng	
36) 4-Chloro-3-methylphenol	8.42	107	471982	43.40	ng	97
37) 2-Methylnaphthalene	8.56	142	979498	48.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	318616	42.78	ng	100
40) Hexachlorocyclopentadiene	8.71	237	110657	28.59	ng	99

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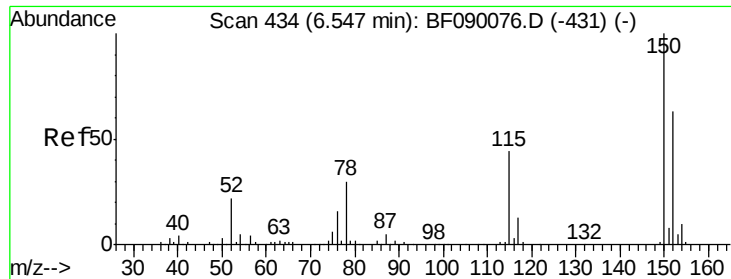
Manual Integrations
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 9/20/2016 6:49:00 PM

Quant Time: Sep 16 03:36:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	264430	48.99	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	275304	47.42	ng	# 94
45) 1,1'-Biphenyl	9.02	154	909279	38.37	ng	100
46) 2-Chloronaphthalene	9.04	162	862890	49.14	ng	99
47) 2-Nitroaniline	9.14	65	290476	51.81	ng	90
48) Acenaphthylene	9.45	152	1383091	46.90	ng	99
49) Dimethylphthalate	9.34	163	1332666	61.95	ng	99
50) 2,6-Dinitrotoluene	9.39	165	227419	47.31	ng	# 54
51) Acenaphthene	9.62	154	810619	49.21	ng	99
52) 3-Nitroaniline	9.55	138	172706	29.53	ng	90
53) 2,4-Dinitrophenol	9.66	184	99064	37.91	ng	99
54) Dibenzofuran	9.79	168	1134931	49.82	ng	99
55) 4-Nitrophenol	9.74	139	290947	70.69	ng	89
56) 2,4-Dinitrotoluene	9.78	165	234938	40.09	ng	100
57) Fluorene	10.12	166	737584	44.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	197364	44.57	ng	94
59) Diethylphthalate	10.02	149	968921	46.52	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	309905	46.50	ng	99
61) 4-Nitroaniline	10.16	138	208046	35.14	ng	87
62) Azobenzene	10.28	77	1003506	45.92	ng	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	81749	29.64	ng	85
65) n-Nitrosodiphenylamine	10.25	169	718287	54.57	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	211949	52.93	ng	97
67) Hexachlorobenzene	10.67	284	233850	49.56	ng	97
68) Atrazine	10.79	200	215738	55.16	ng	99
69) Pentachlorophenol	10.87	266	221783	80.24	ng	98
70) Phenanthrene	11.07	178	1048143	52.22	ng	99
71) Anthracene	11.13	178	1115228	50.88	ng	100
72) Carbazole	11.29	167	1075112	47.82	ng	99
73) Di-n-butylphthalate	11.63	149	1166775	46.28	ng	99
74) Fluoranthene	12.25	202	1055205	50.17	ng	99
76) Benzidine	12.39	184	35215	2.66	ng	# 77
77) Pyrene	12.48	202	1199341	50.57	ng	100
79) Butylbenzylphthalate	13.12	149	517273	43.80	ng	98
80) Benzo(a)anthracene	13.66	228	976742	51.49	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	208200	26.19	ng	98
82) Chrysene	13.69	228	687360	38.63	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	617470	42.27	ng	99
84) Di-n-octyl phthalate	14.29	149	1141915	43.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	667341	43.17	ng	100
87) Benzo(b)fluoranthene	14.65	252	949007m	59.93	ng	
88) Benzo(k)fluoranthene	14.67	252	610577m	42.83	ng	
89) Benzo(a)pyrene	14.95	252	697157	49.10	ng	# 94
90) Dibenzo(a,h)anthracene	16.21	278	545411	49.05	ng	98
91) Benzo(g,h,i)perylene	16.54	276	552628	52.07	ng	99

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



#1

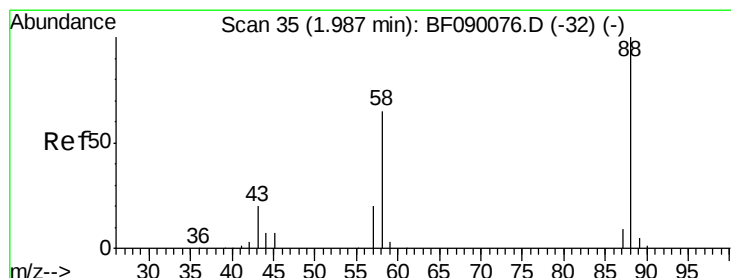
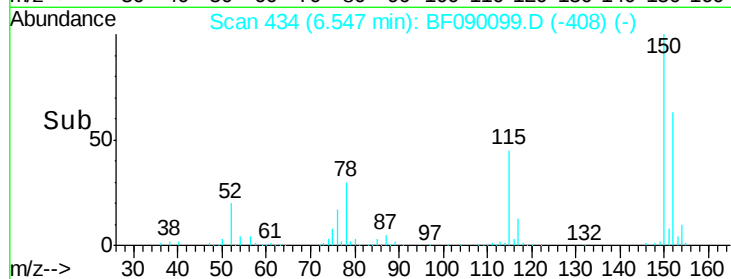
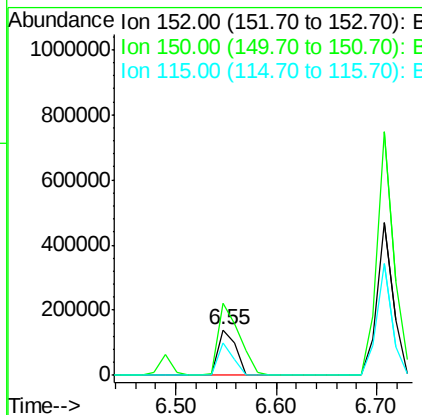
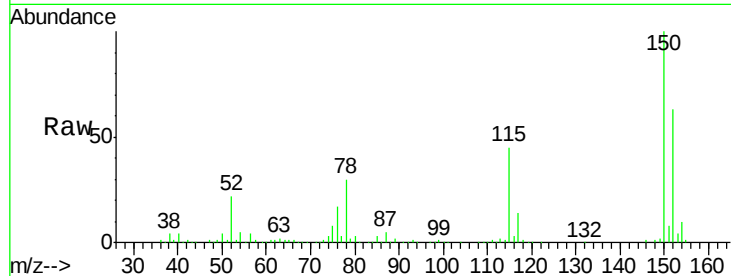
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.9	193.3
115	70.7	55.5	83.3

Manual Integrations
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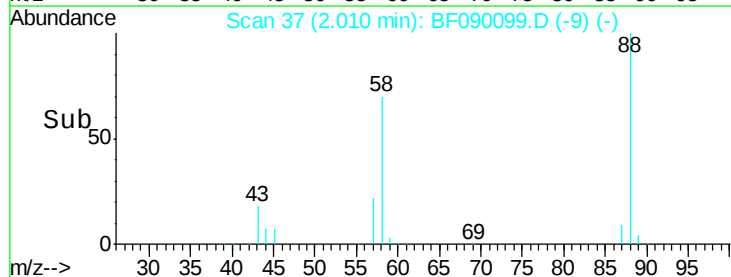
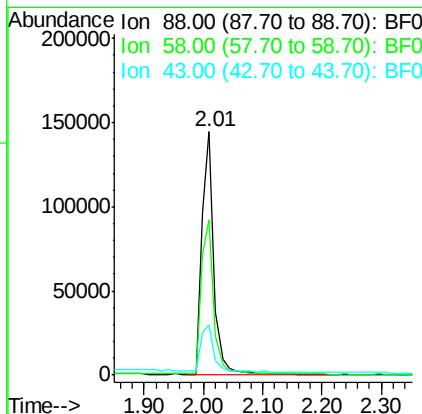
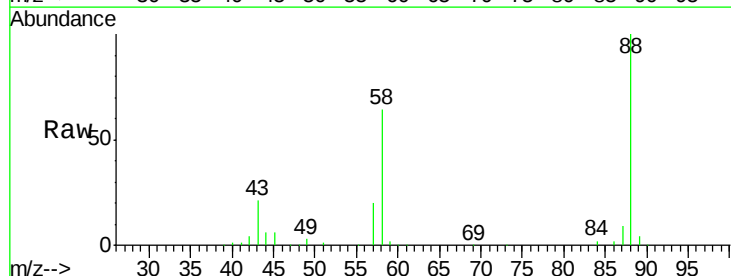
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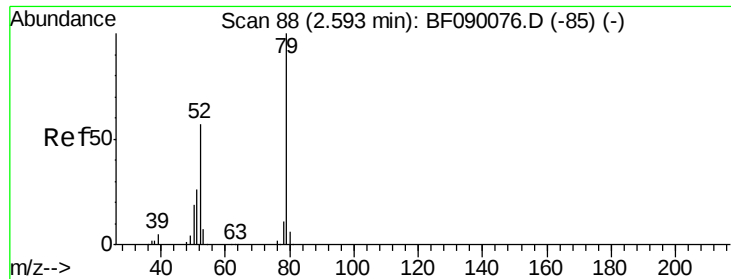


#2

1,4-Dioxane
Concen: 37.09 ng
RT: 2.01 min Scan# 37
Delta R.T. 0.02 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.4	80.0
43	22.0	16.5	24.7





#3

Pyridine

Concen: 34.02 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

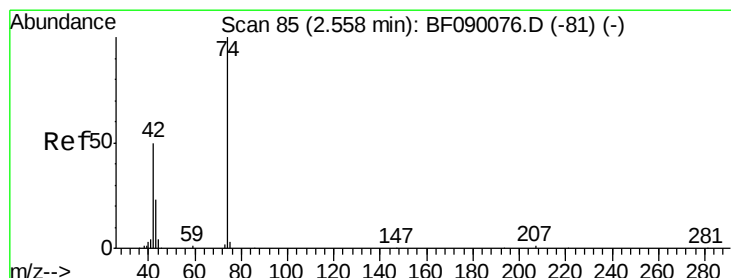
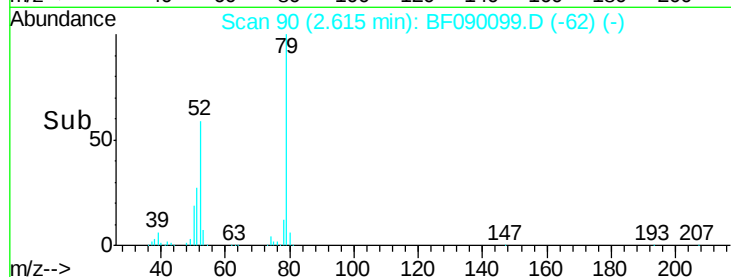
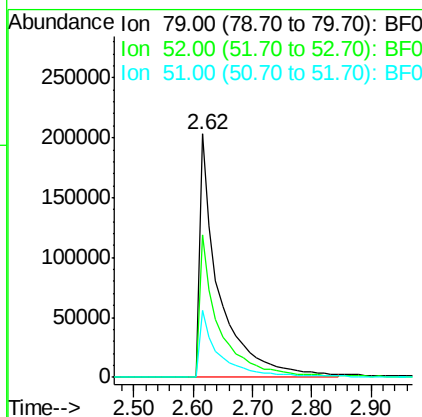
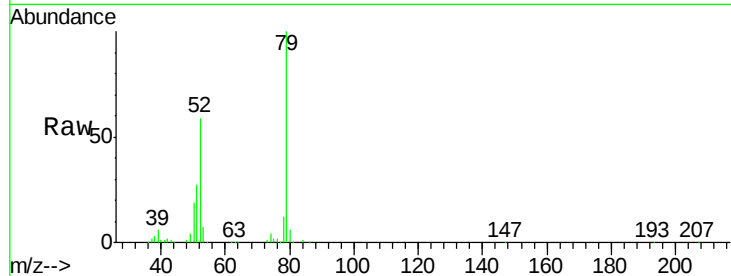
ClientSampleId :

NC-TS-005MS

Tgt Ion:	79	Resp:	469163
Ion	Ratio	Lower	Upper
79	100		
52	58.6	45.9	68.9
51	27.5	21.3	31.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.25 ng

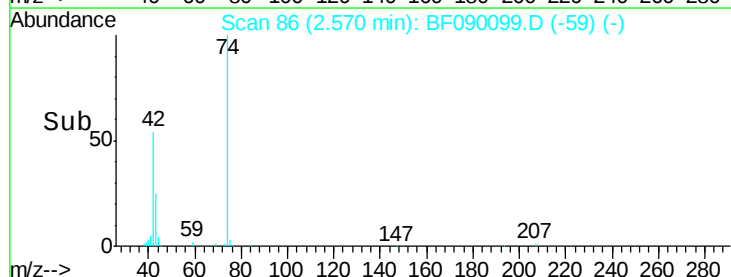
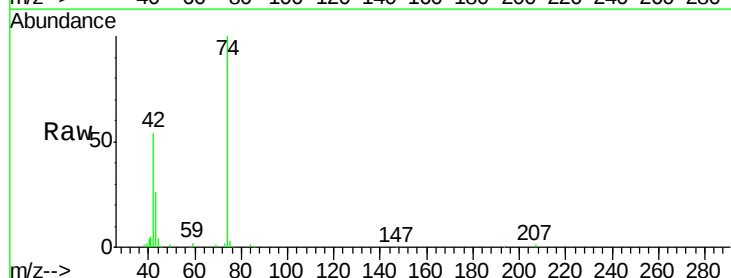
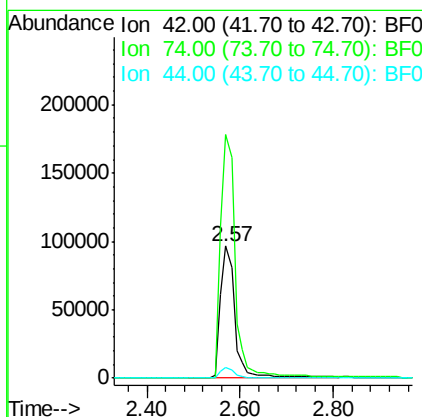
RT: 2.57 min Scan# 86

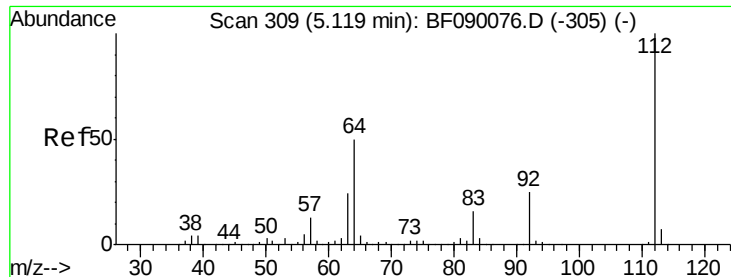
Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	42	Resp:	206302
Ion	Ratio	Lower	Upper
42	100		
74	184.5	158.7	238.1
44	8.3	6.4	9.6





#5

2-Fluorophenol

Concen: 131.76 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

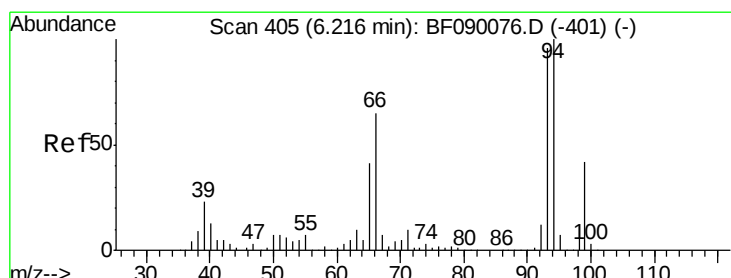
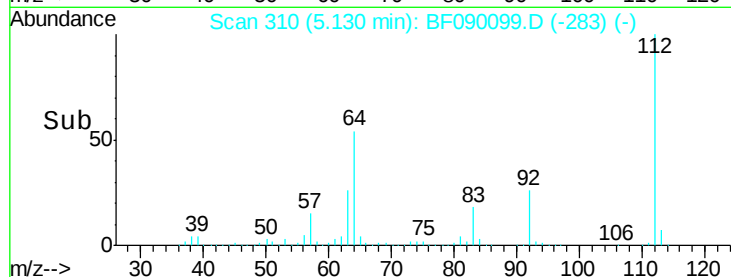
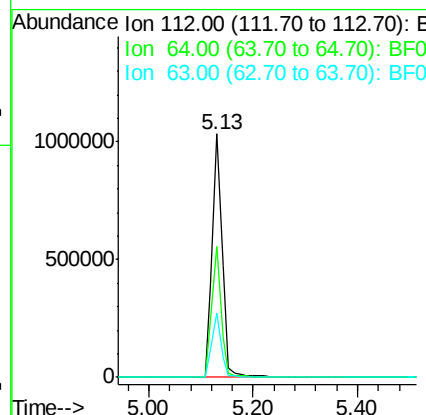
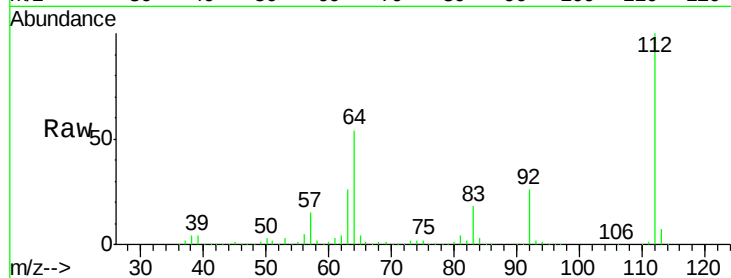
ClientSampled :

NC-TS-005MS

Tgt Ion:	112	Resp:	1391694
Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.8	59.6
63	26.3	18.9	28.3

Manual Integrations
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#6

Aniline

Concen: 22.36 ng m

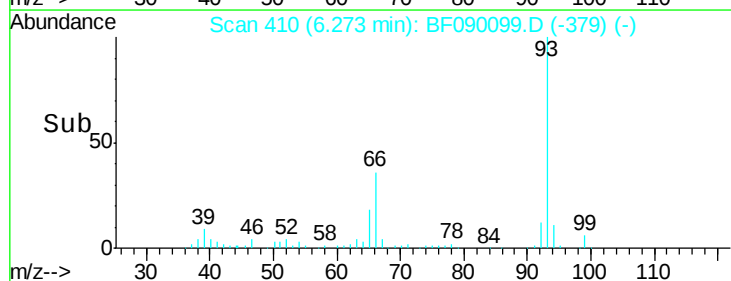
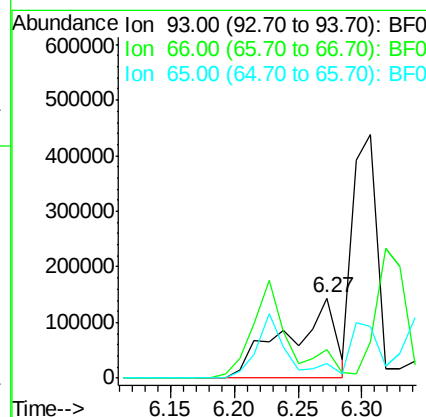
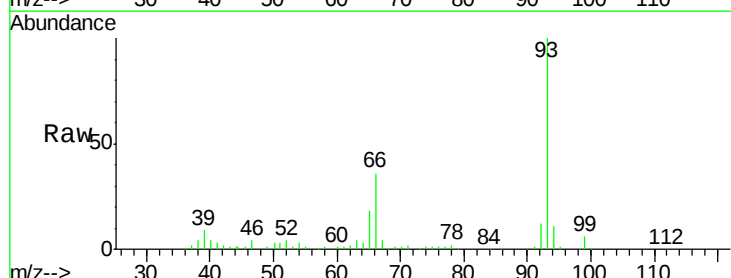
RT: 6.27 min Scan# 410

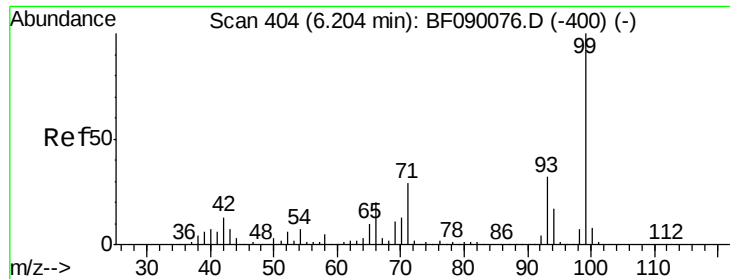
Delta R.T. 0.06 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	93	Resp:	383812
Ion	Ratio	Lower	Upper
93	100		
66	35.5	54.2	81.2#
65	17.6	33.8	50.6#





#7

Phenol-d6

Concen: 140.08 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion: 99 Resp: 1937040

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

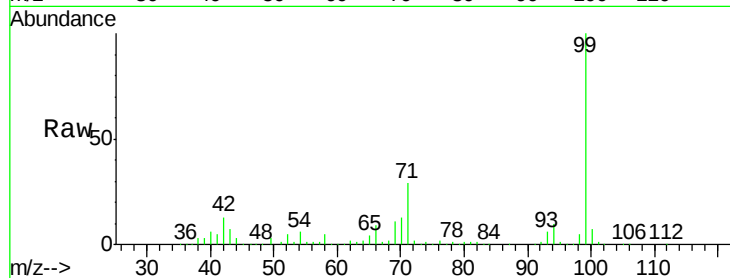
71 29.3 23.0 34.6

Manual Integrations

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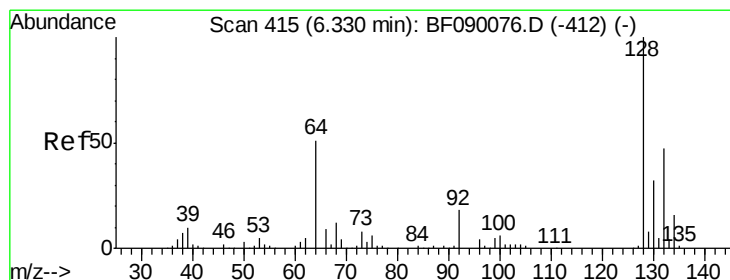
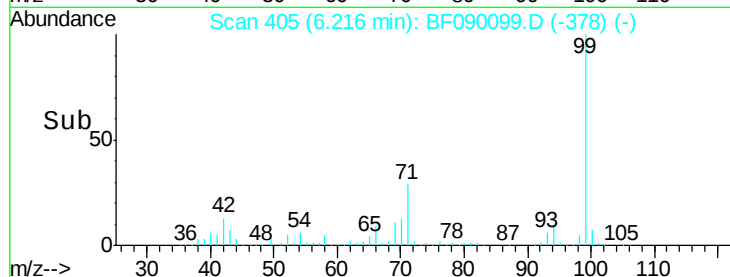
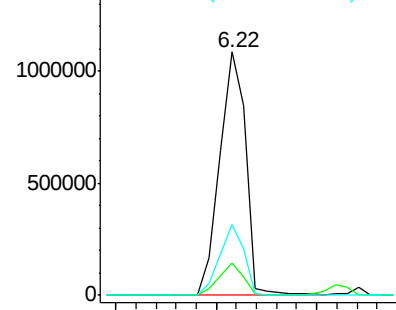
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.53 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

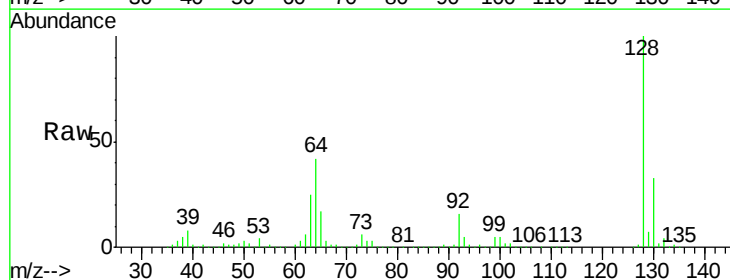
Tgt Ion: 128 Resp: 566252

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

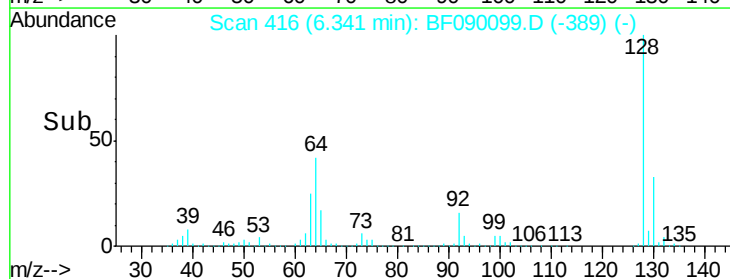
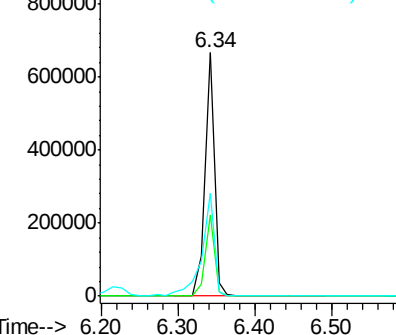
64 42.1 33.6 73.6

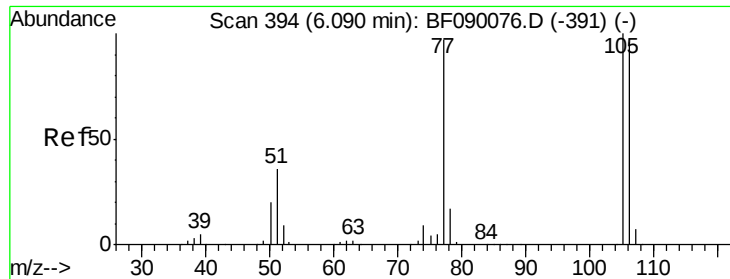


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.78 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion: 77 Resp: 64678

Ion Ratio Lower Upper

77 100

105 109.1 83.0 123.0

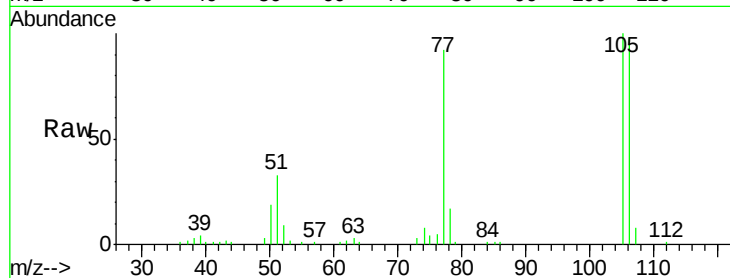
106 106.7 78.5 118.5

Manual Integrations

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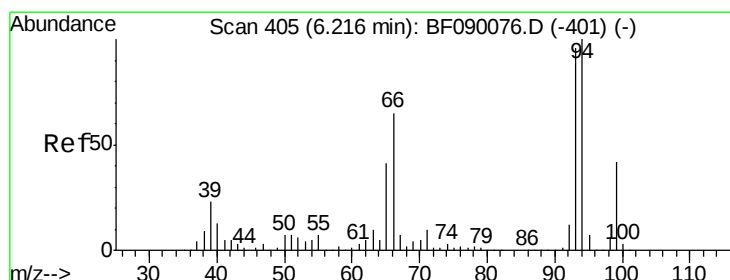
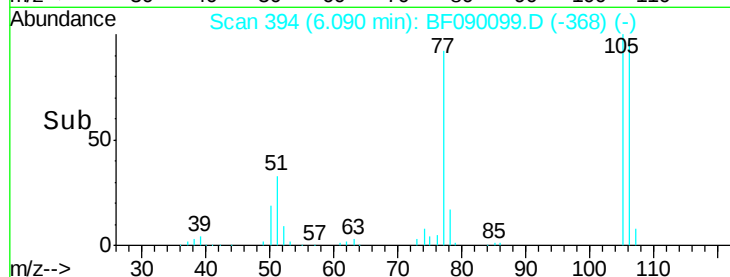
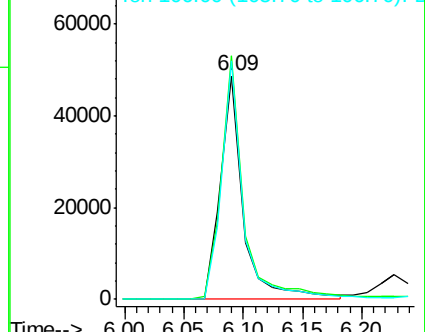
9/20/2016 6:49:00 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.91 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

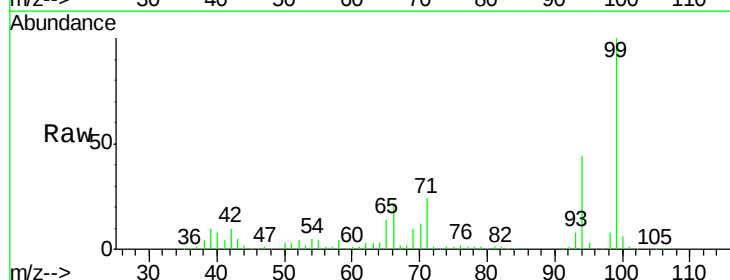
Tgt Ion: 94 Resp: 557402

Ion Ratio Lower Upper

94 100

65 31.1 20.6 60.6

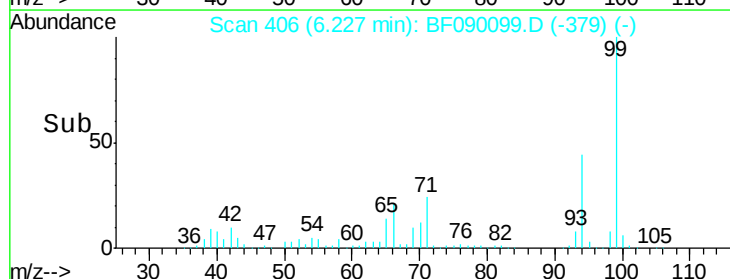
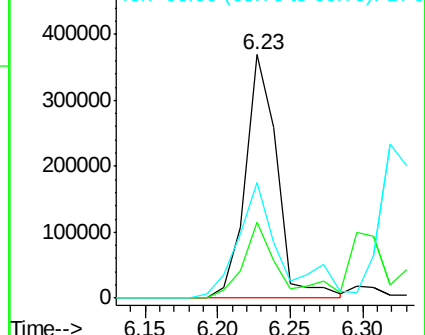
66 47.7 45.1 85.1

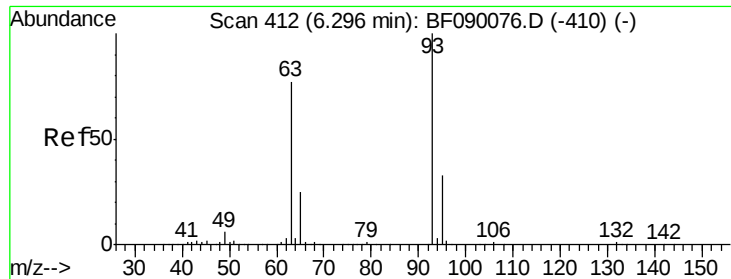


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.68 ng m

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion: 93 Resp: 593571
Ion Ratio Lower Upper

93 100

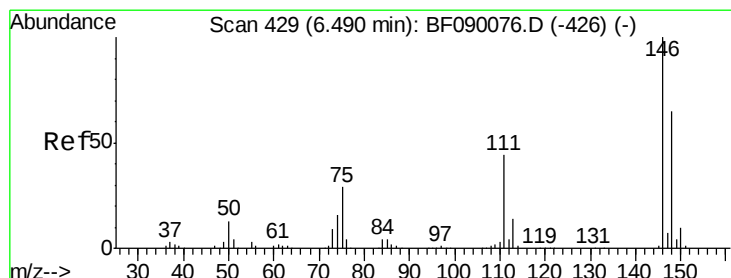
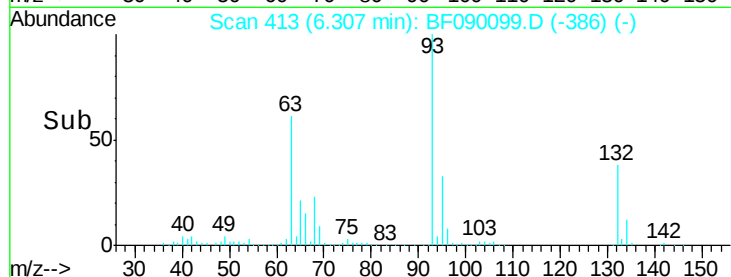
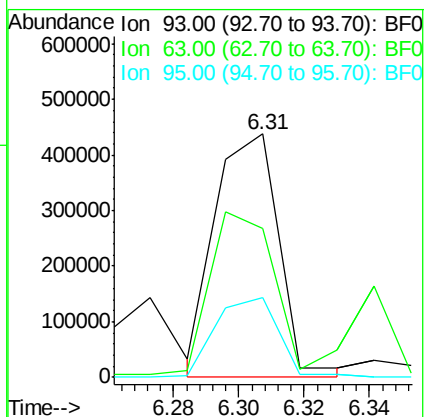
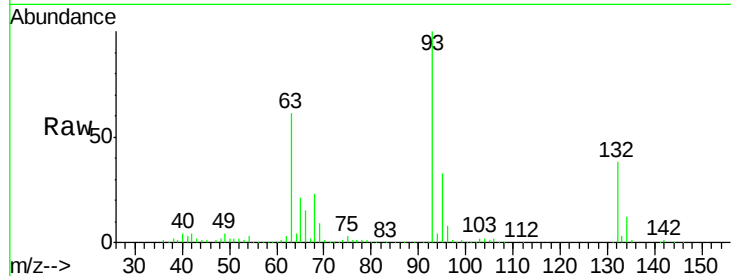
63 61.0 55.6 95.6

95 32.9 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 44.73 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF090099.D

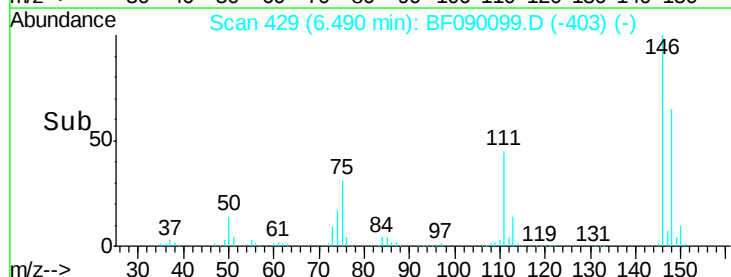
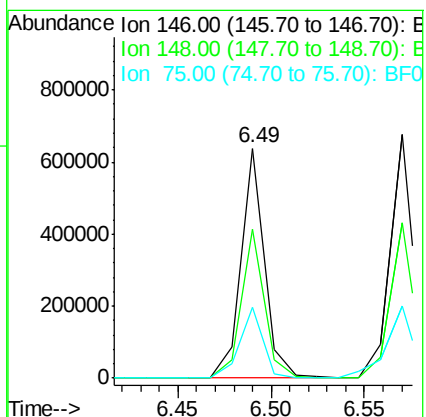
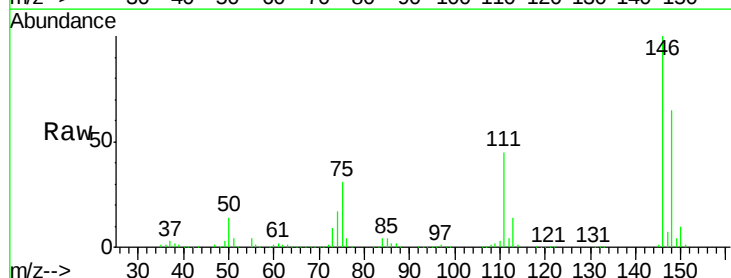
Acq: 15 Sep 2016 18:44

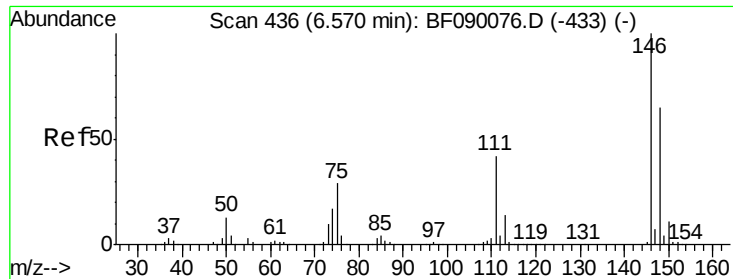
Tgt Ion: 146 Resp: 559918
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 30.7 22.8 34.2





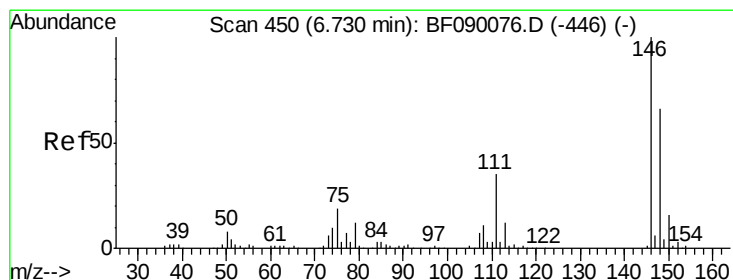
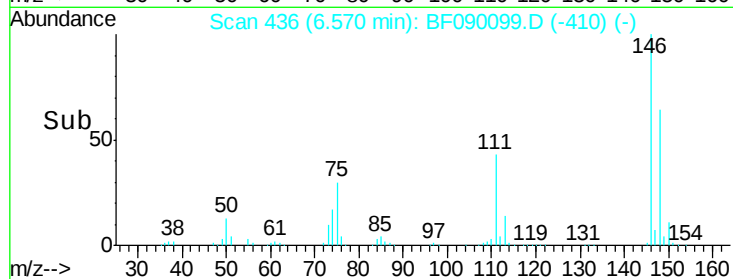
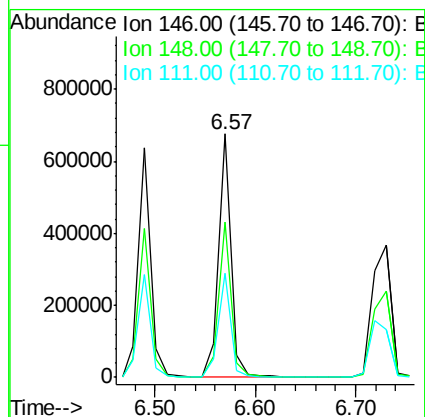
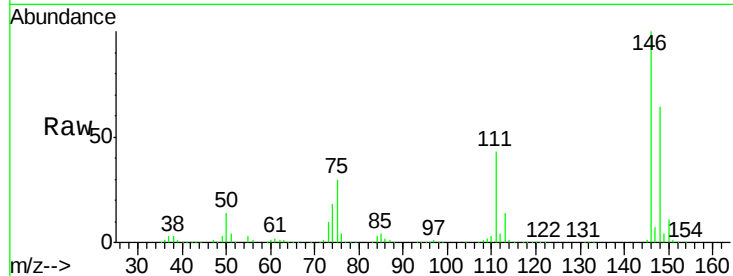
#13
1,4-Dichlorobenzene
Concen: 45.59 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	589180		
148	63.9	52.0	78.0	
111	42.7	33.8	50.6	

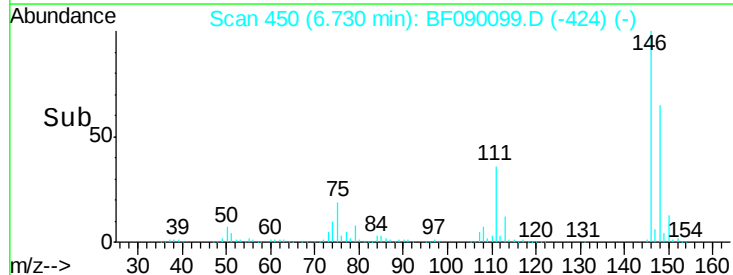
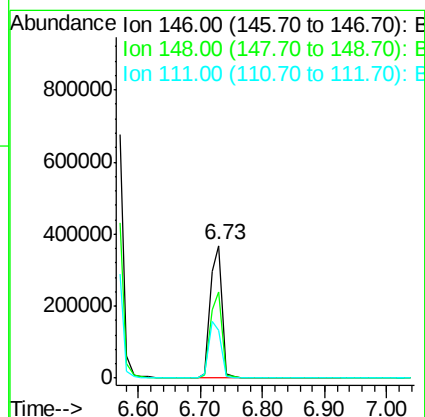
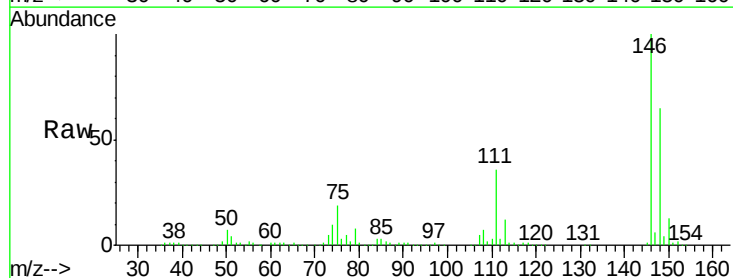
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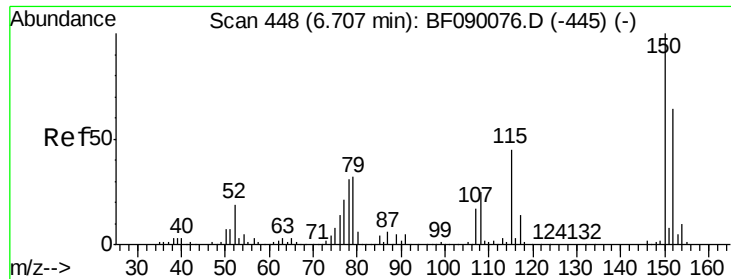
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#14
1,2-Dichlorobenzene
Concen: 40.91 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	480413		
148	65.3	52.6	79.0	
111	35.8	28.2	42.2	





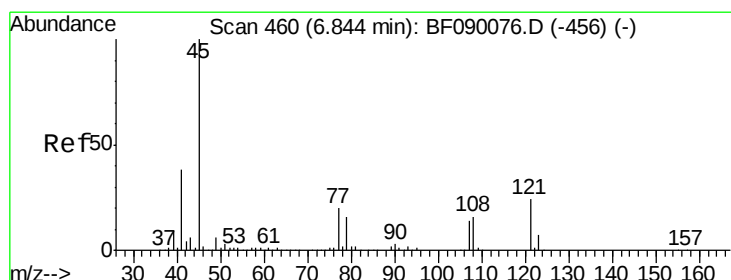
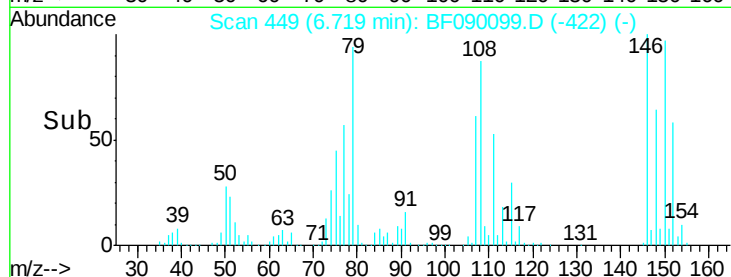
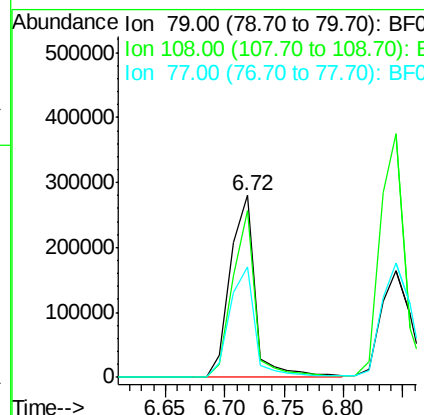
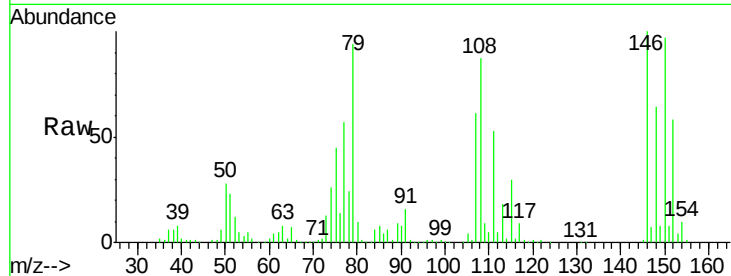
#15
Benzyl Alcohol
Concen: 52.61 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	92.0	62.2	93.4
77	61.0	51.4	77.0

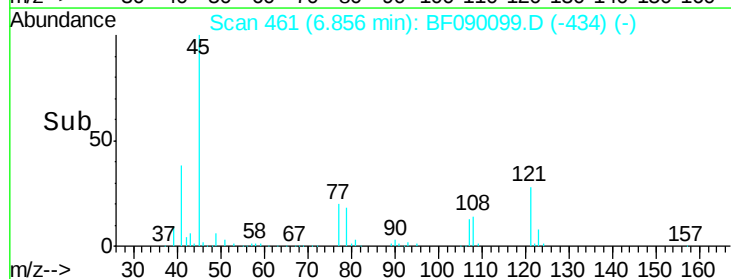
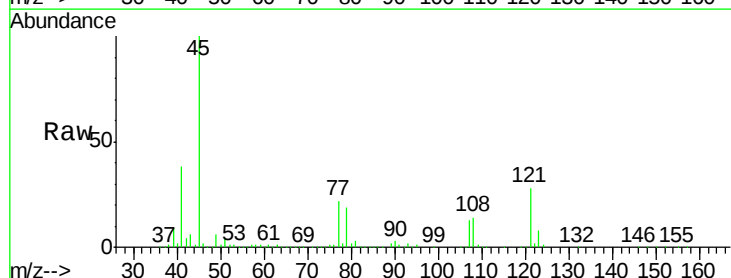
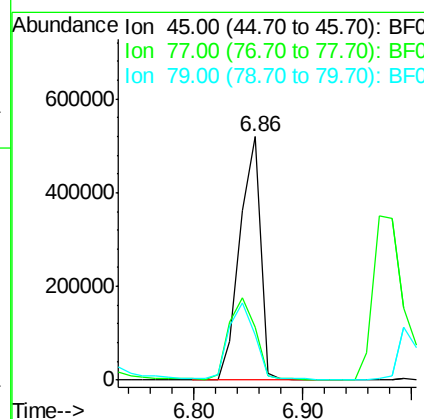
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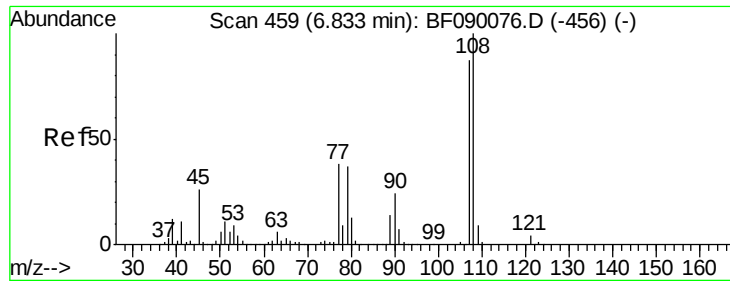
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.97 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.6	0.5	40.5
79	18.7	0.0	37.0





#17

2-Methylphenol

Concen: 47.80 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

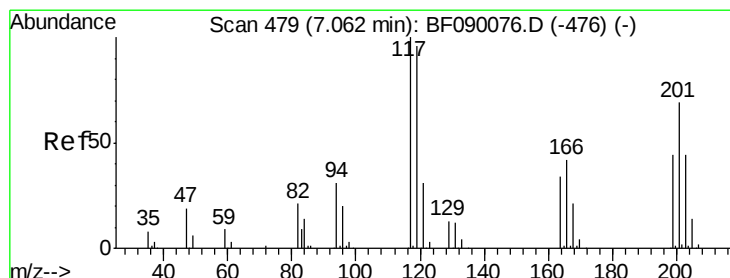
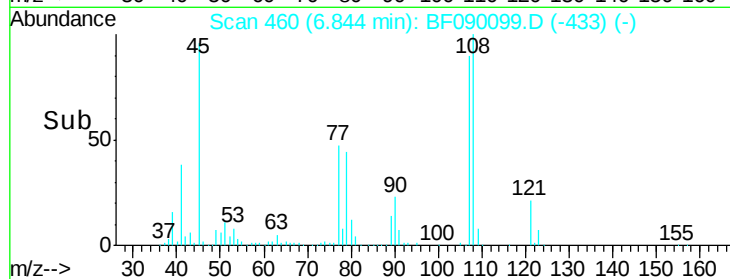
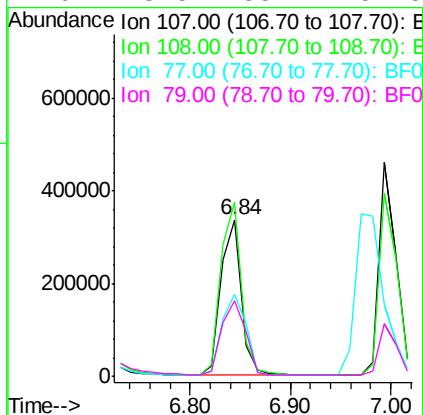
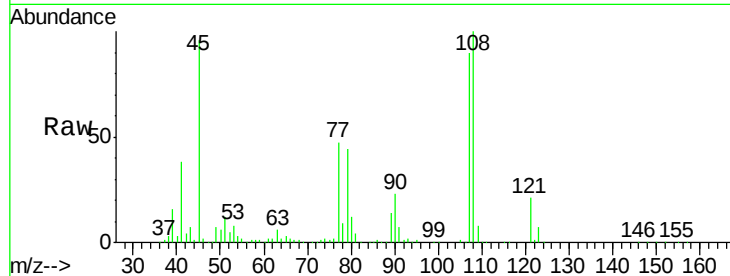
ClientSampleId :

NC-TS-005MS

Tgt Ion:	107	Resp:	475827
Ion Ratio	Lower	Upper	
107	100		
108	111.1	92.0	138.0
77	52.5	35.6	53.4
79	48.5	35.2	52.8

Manual Integrations
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#18

Hexachloroethane

Concen: 41.10 ng

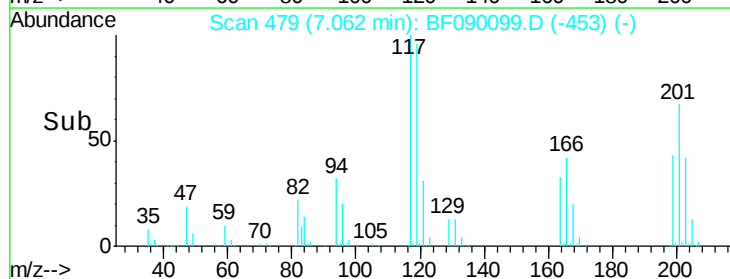
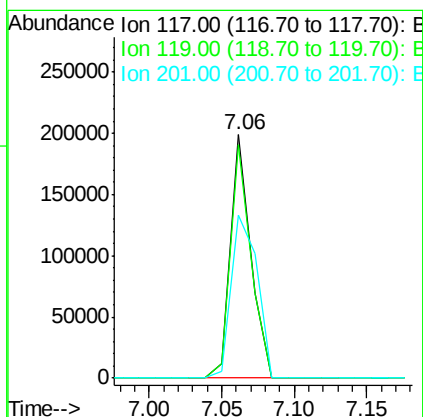
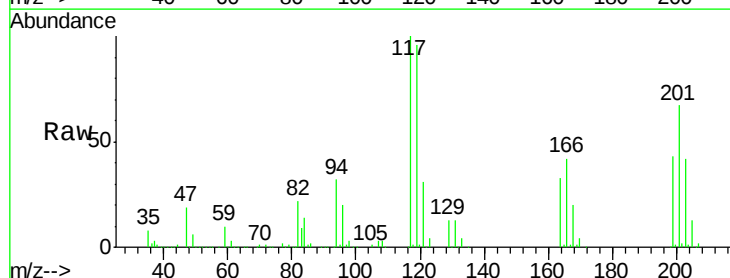
RT: 7.06 min Scan# 479

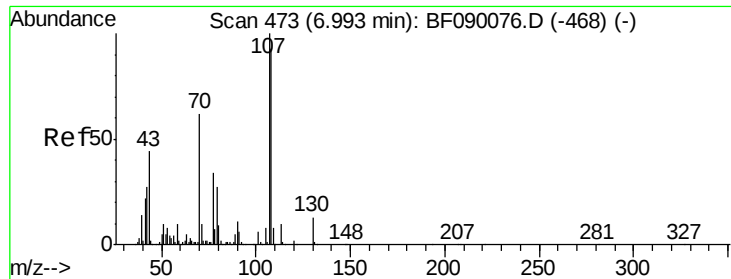
Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	117	Resp:	192738
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.6	115.0
201	66.7	55.5	83.3





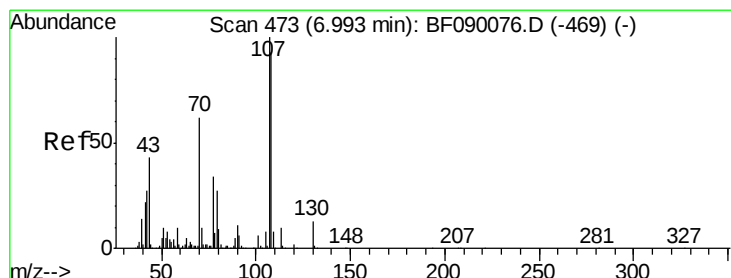
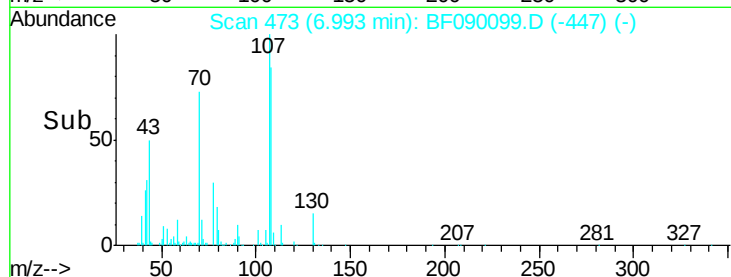
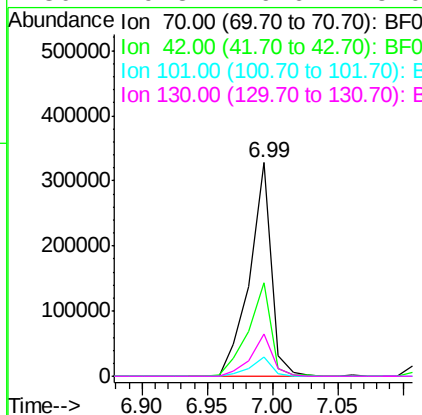
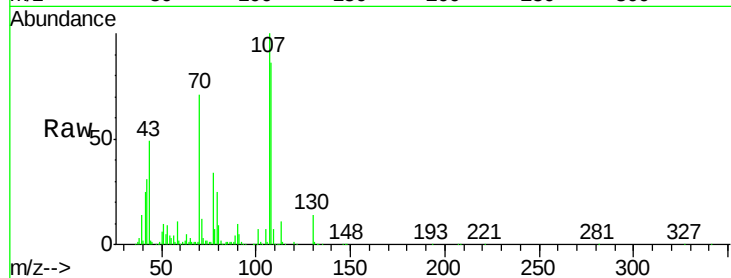
#19
n-Nitroso-di-n-propylamine
Concen: 44.20 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.1	52.7
101	9.3	7.5	11.3
130	19.8	16.6	25.0

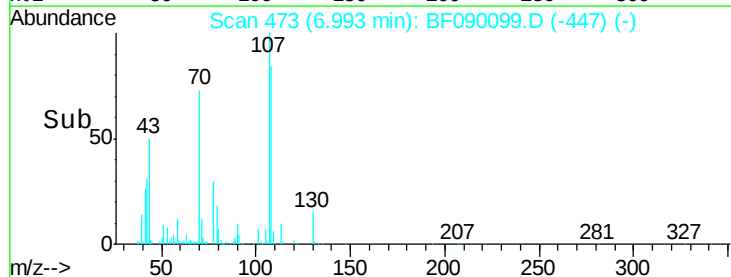
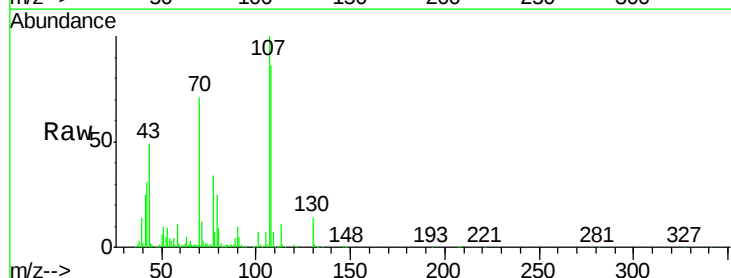
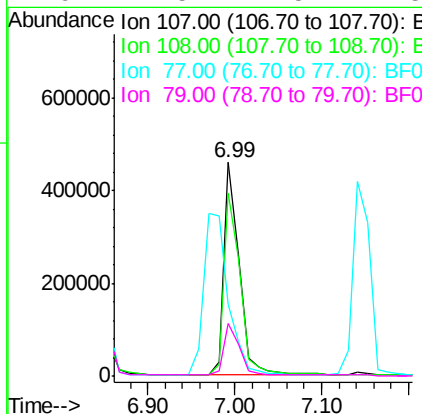
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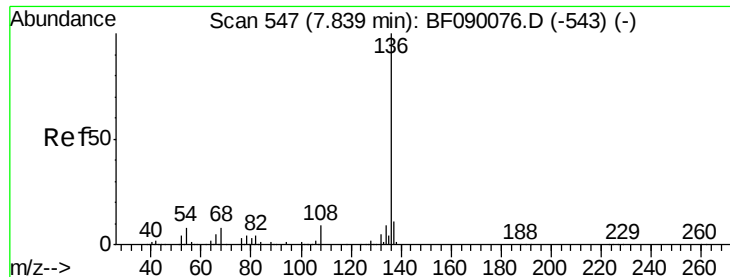
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#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.3	113.3
77	33.6	14.1	54.1
79	24.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

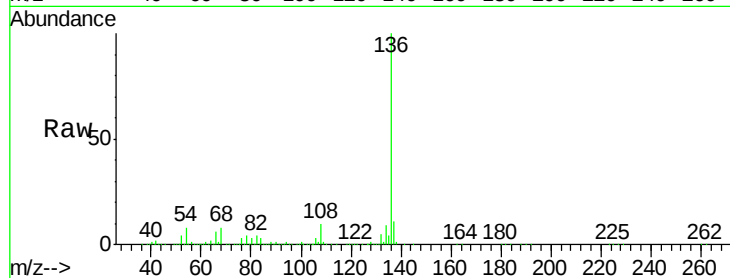
ClientSampleId :

NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	663436		
137	11.2	9.0	13.4	
54	8.2	6.4	9.6	
68	7.9	6.3	9.5	

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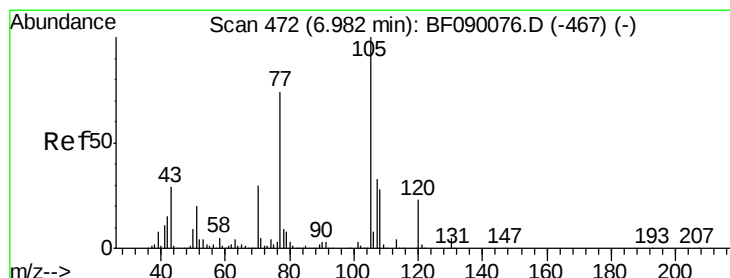
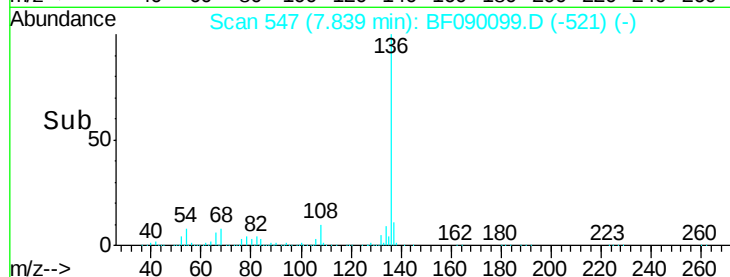
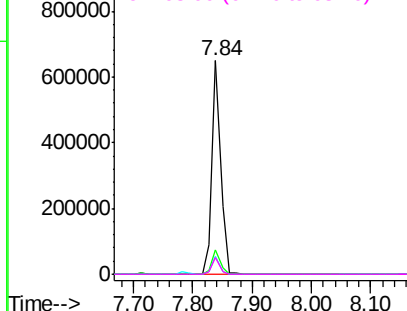


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.32 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

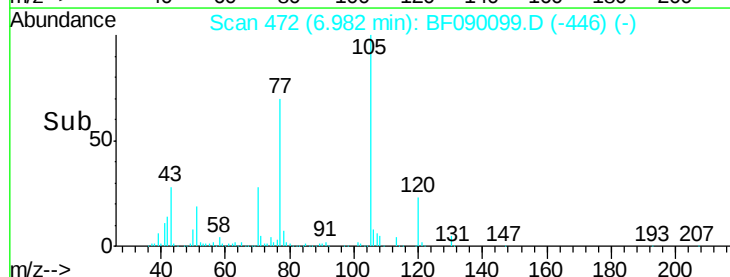
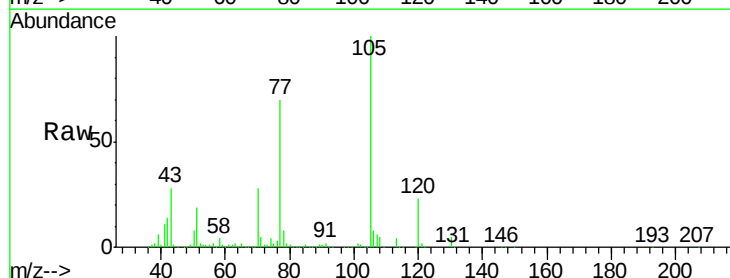
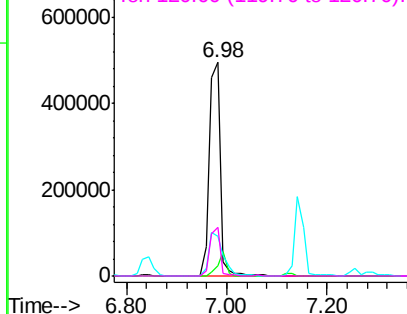
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	759920		
71	4.6	4.1	6.1	
51	18.8	16.2	24.2	
120	22.5	18.2	27.2	

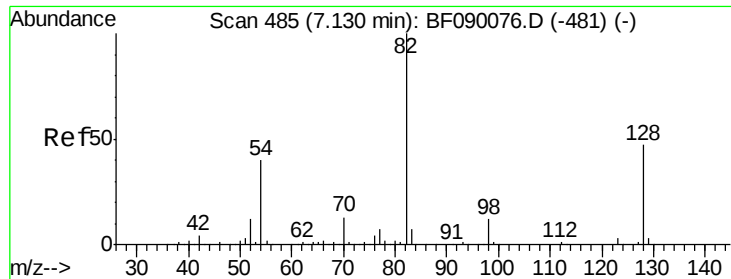
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





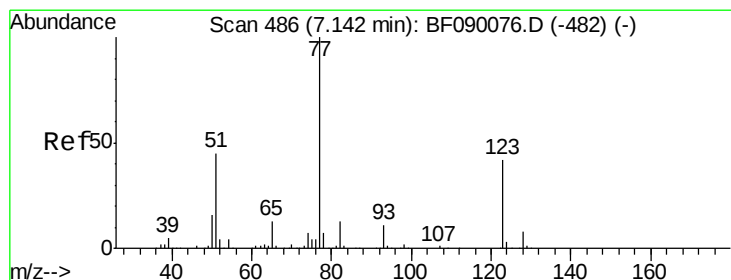
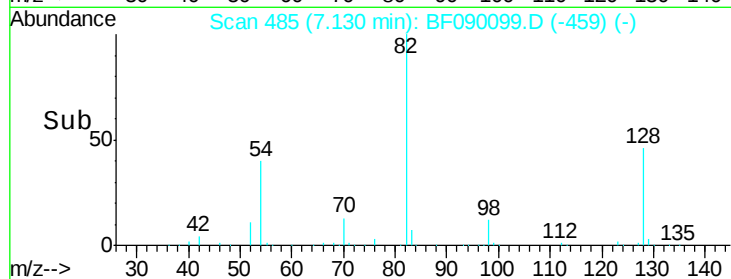
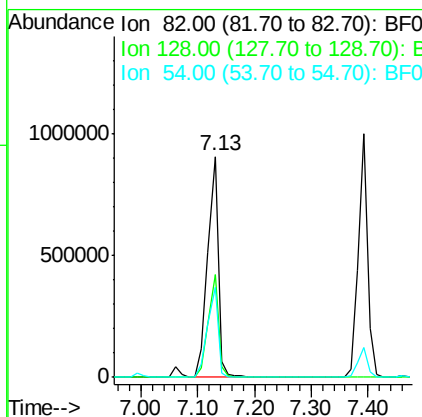
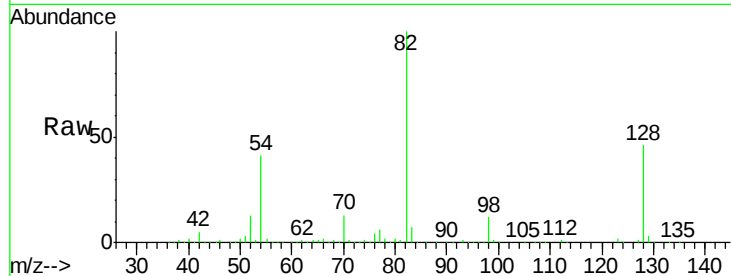
#23
 Nitrobenzene-d5
 Concen: 95.93 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion: 82 Resp: 1131899
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.5 56.3
 54 40.8 31.9 47.9

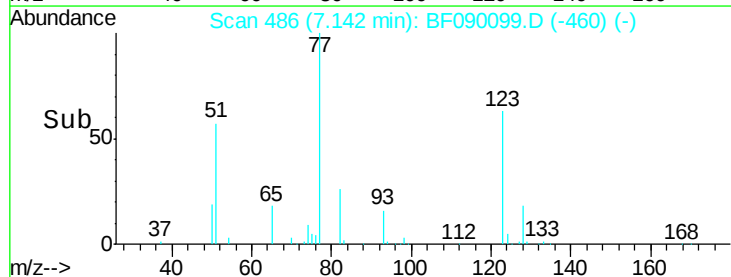
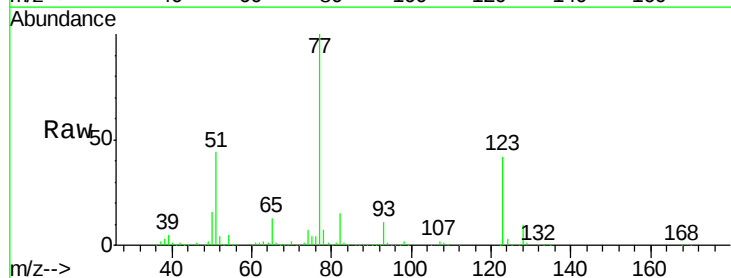
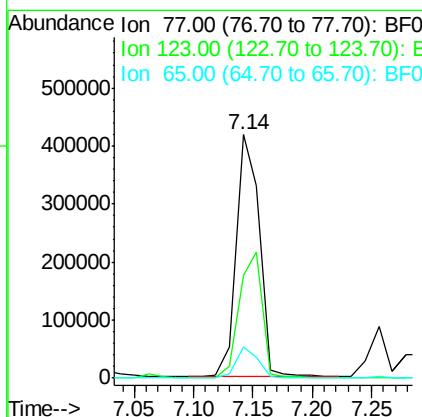
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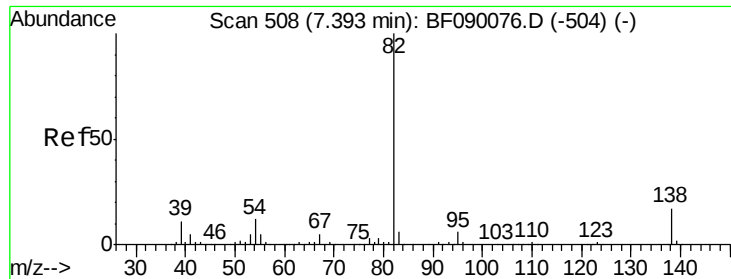
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#24
 Nitrobenzene
 Concen: 45.59 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion: 77 Resp: 566636
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.4 50.2
 65 12.6 10.1 15.1





#25

Isophorone

Concen: 46.68 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampled :

NC-TS-005MS

Tgt Ion: 82 Resp: 1153319

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

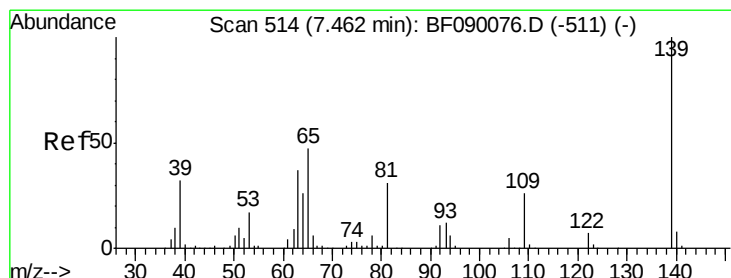
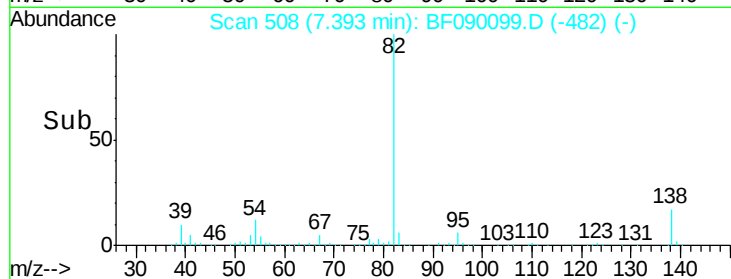
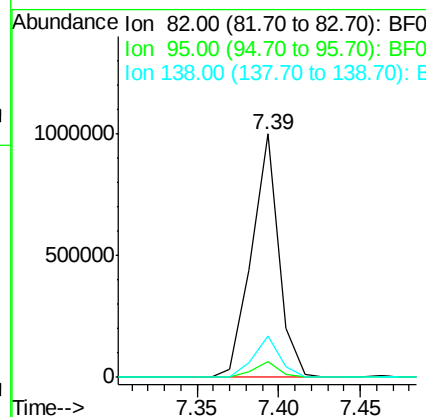
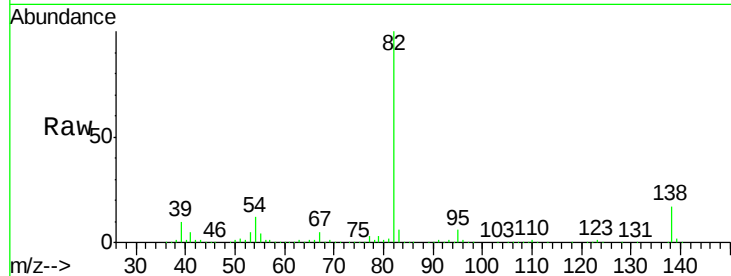
138 17.3 13.5 20.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.47 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

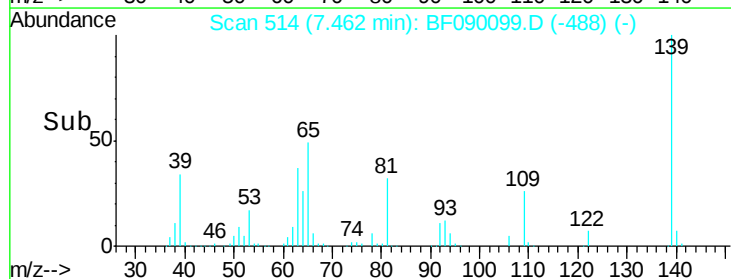
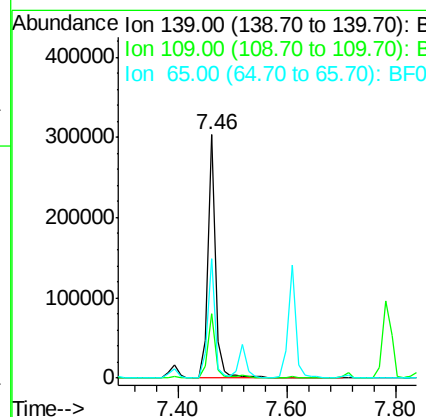
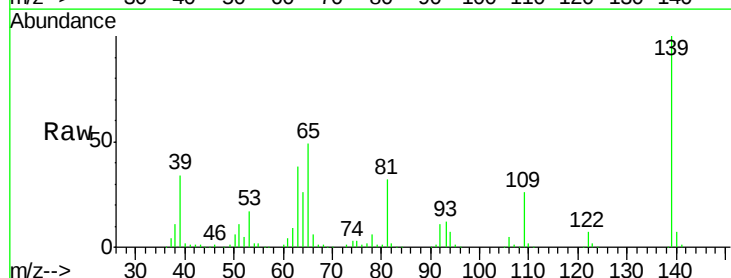
Tgt Ion: 139 Resp: 292131

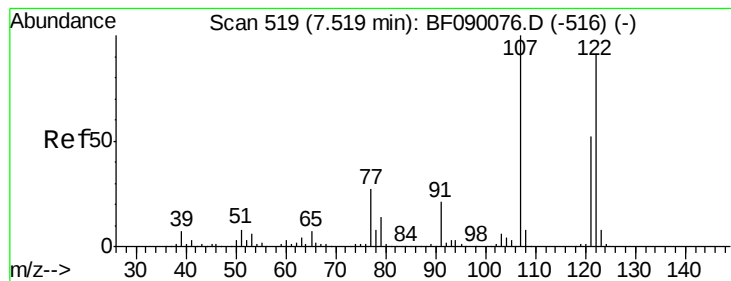
Ion Ratio Lower Upper

139 100

109 26.3 20.5 30.7

65 49.2 37.9 56.9





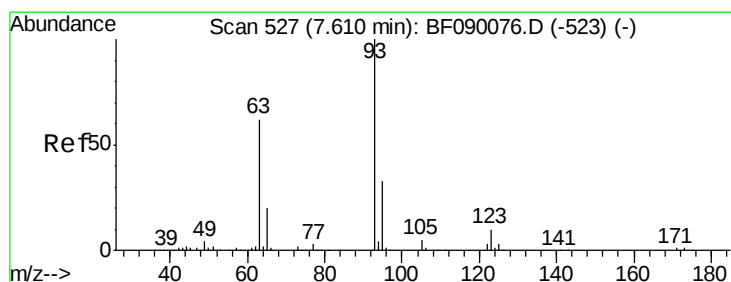
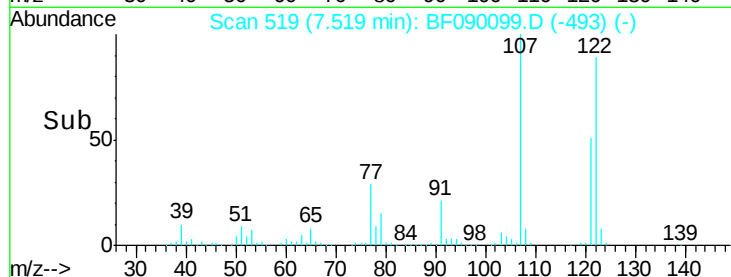
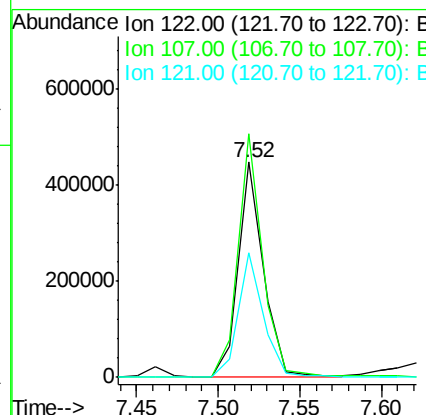
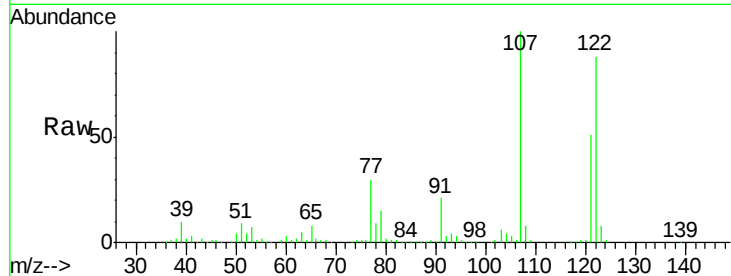
#27
 2,4-Dimethylphenol
 Concen: 45.19 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	479197		
107	113.1	87.8	131.6	
121	57.7	45.7	68.5	

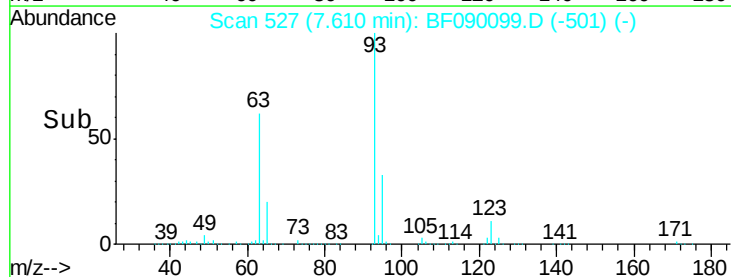
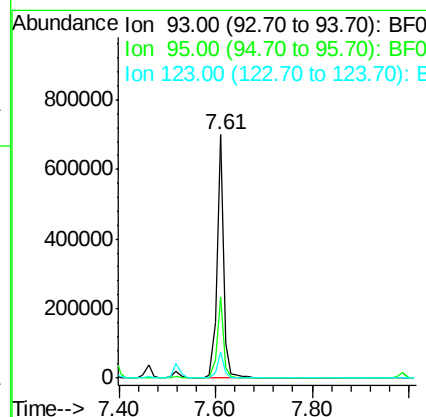
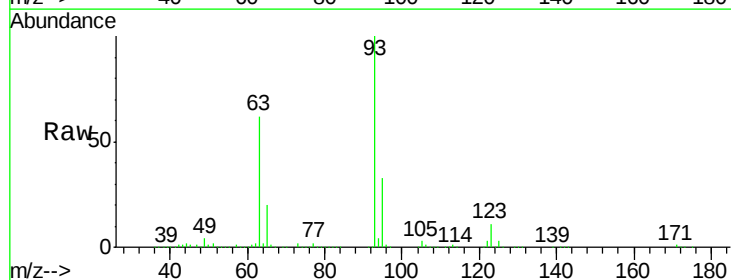
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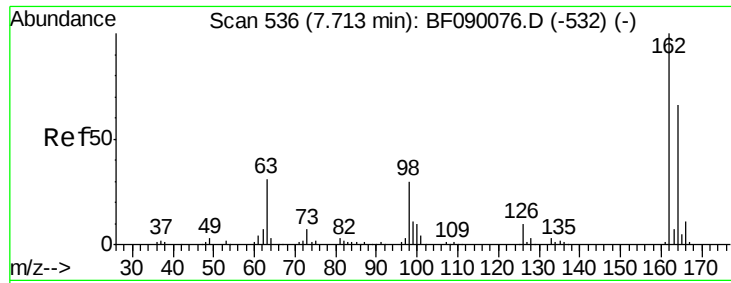
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.74 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	691848		
95	33.3	26.8	40.2	
123	10.8	8.5	12.7	





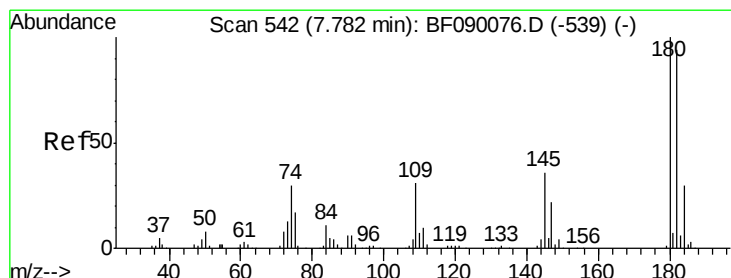
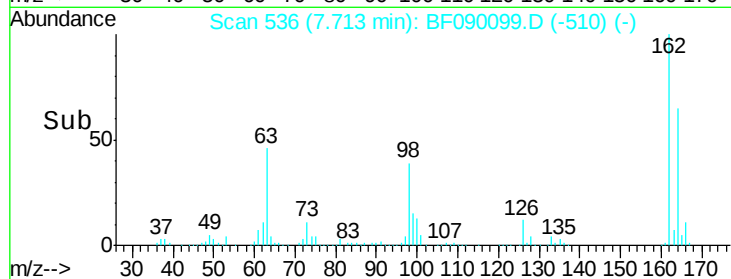
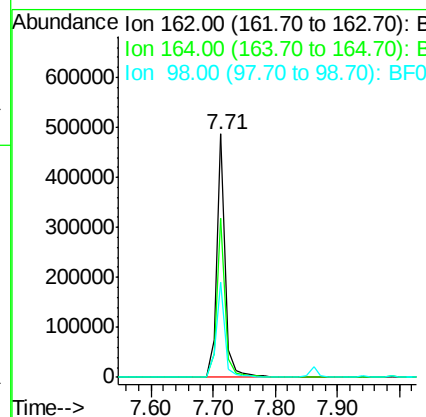
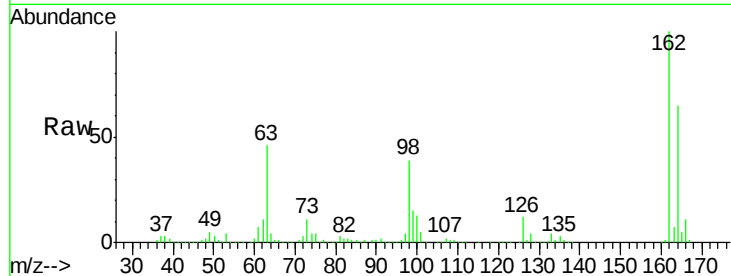
#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	456144		
164	65.5	46.2	86.2	
98	38.9	10.4	50.4	

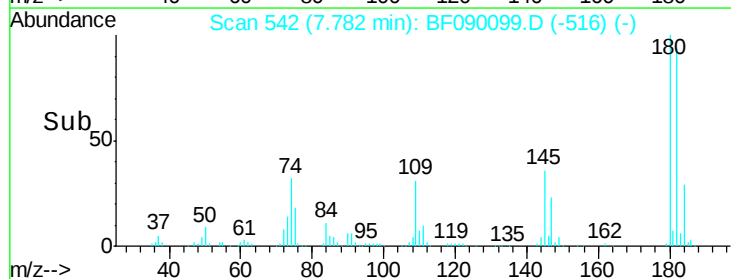
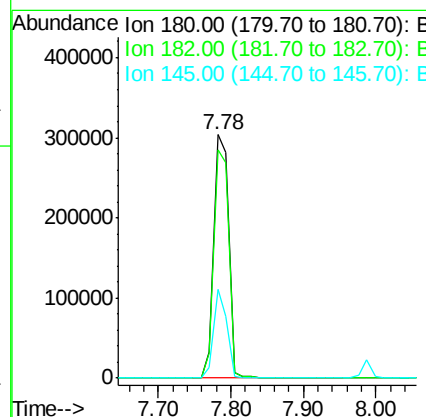
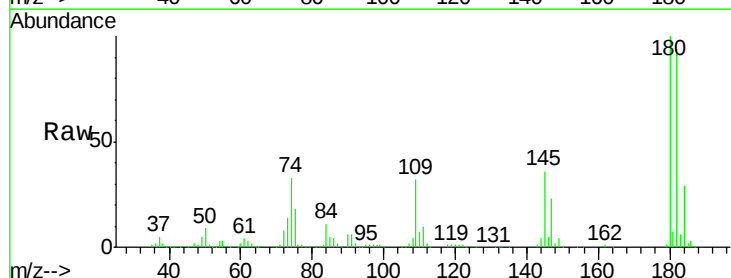
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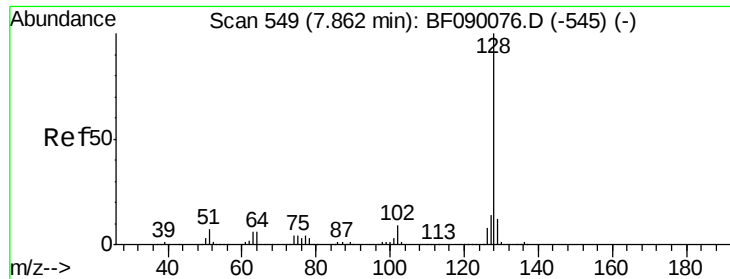
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.11 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	435289		
182	93.7	75.0	112.6	
145	36.3	28.6	42.8	





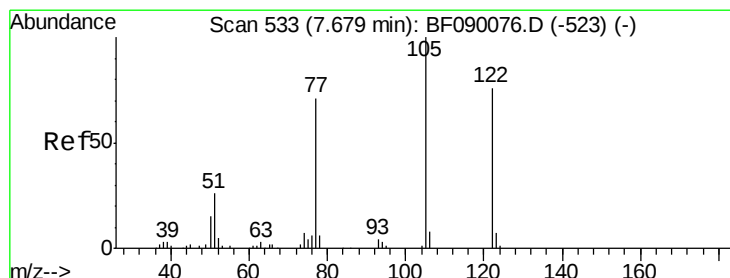
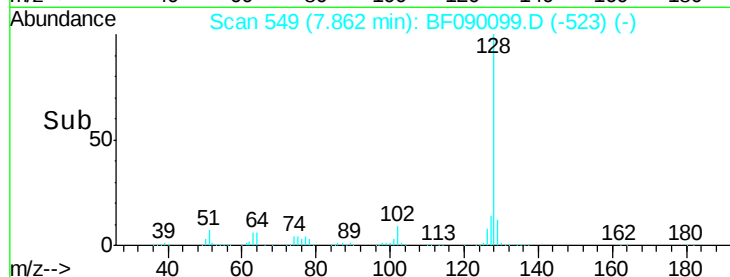
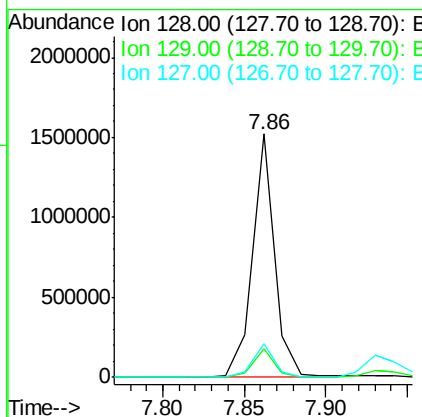
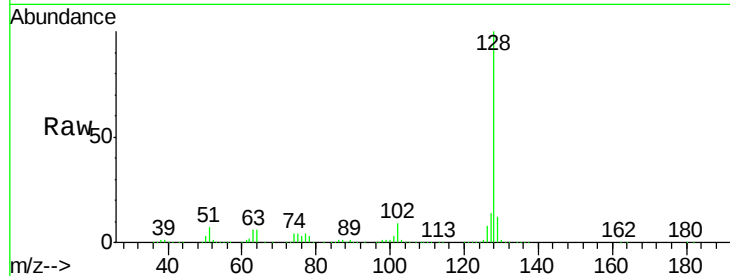
#31
Naphthalene
Concen: 43.92 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion:128 Resp: 1432420
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.8 10.8 16.2

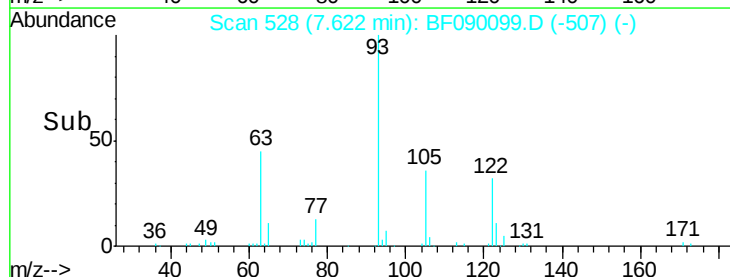
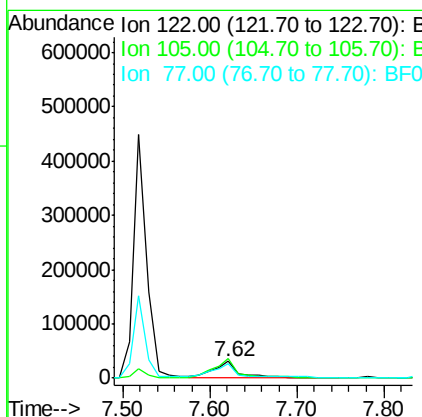
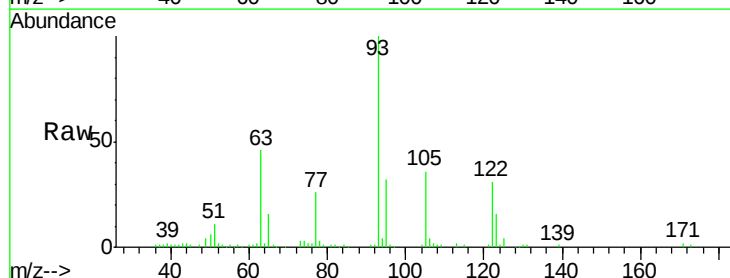
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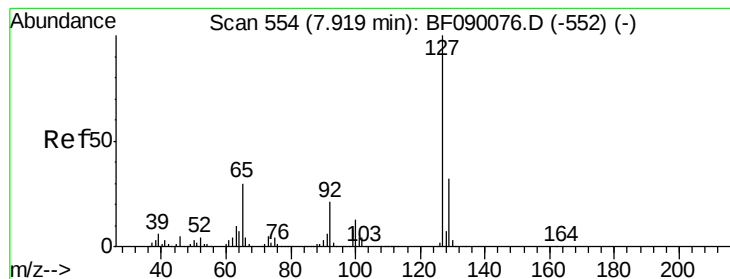
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#32
Benzoic acid
Concen: 8.26 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:122 Resp: 61479
Ion Ratio Lower Upper
122 100
105 115.6 105.0 145.0
77 85.8 70.4 110.4





#33

4-Chloroaniline

Concen: 17.61 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

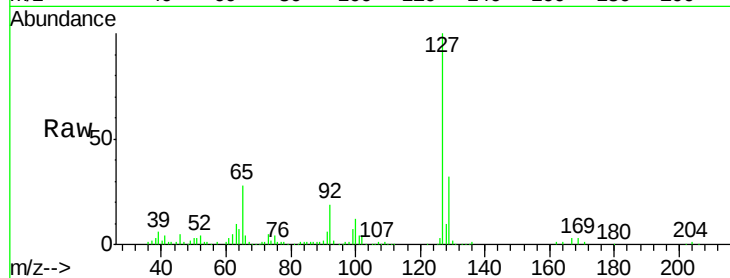
ClientSampleId :

NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	244463		
129	31.9	25.8	38.6	
65	27.9	24.1	36.1	
92	18.7	16.3	24.5	

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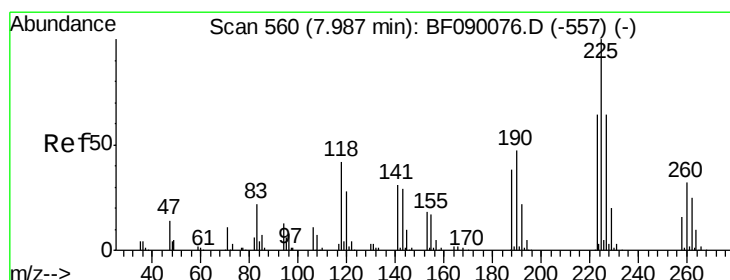
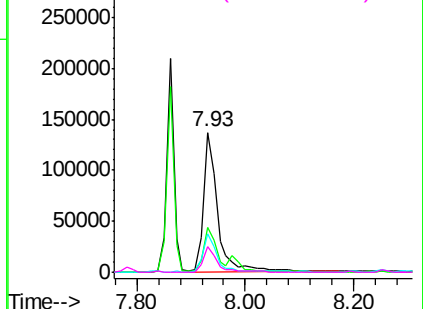
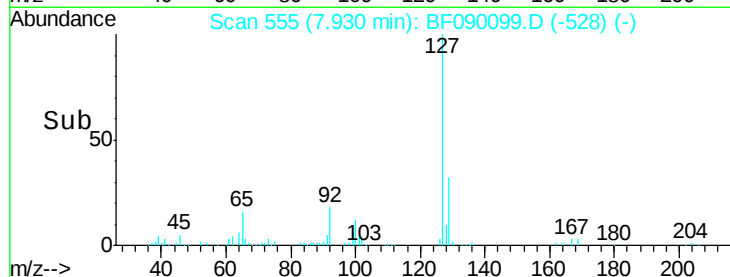


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.13 ng

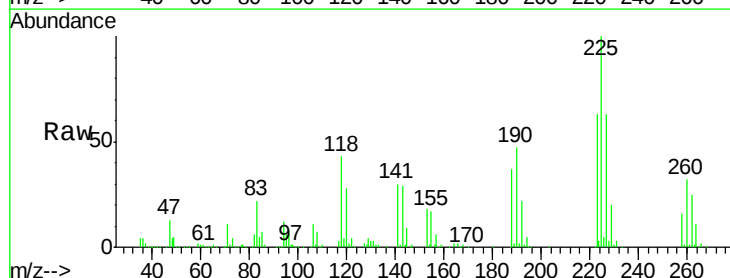
RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

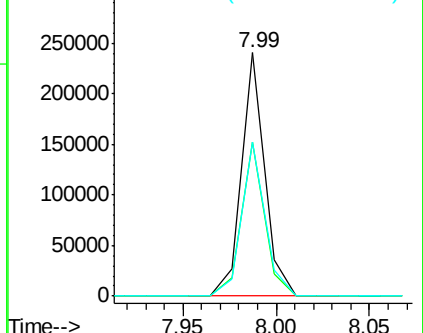
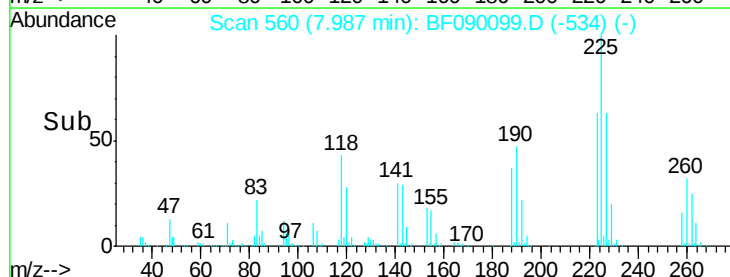
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	208803		
223	63.4	51.3	76.9	
227	63.4	51.4	77.0	

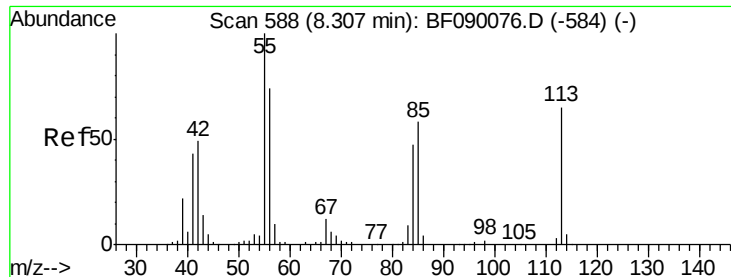


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





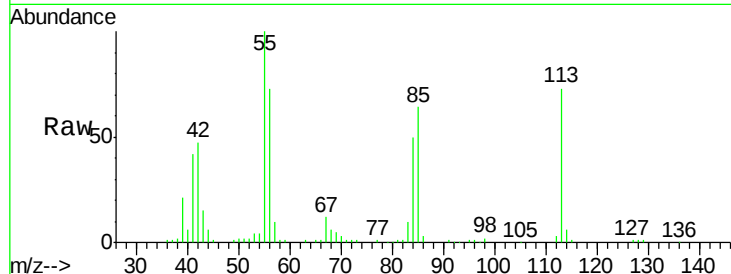
#35
 Caprolactam
 Concen: 44.96 ng m
 RT: 8.31 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

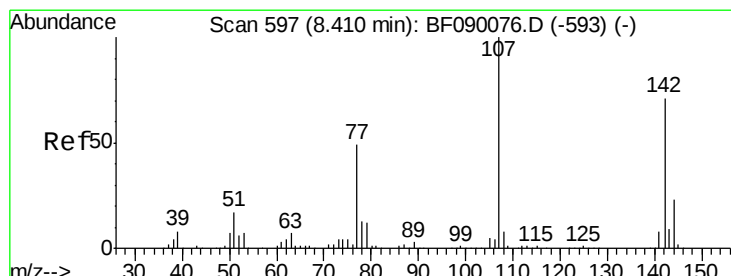
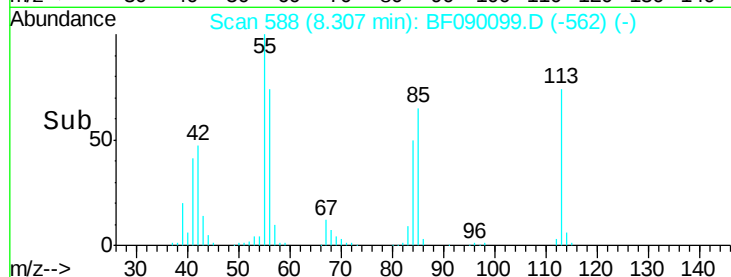
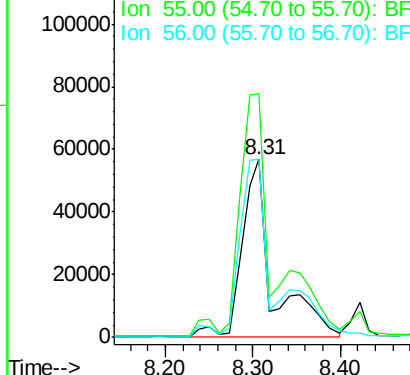
Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.6	134.5	174.5
56	100.2	93.7	133.7

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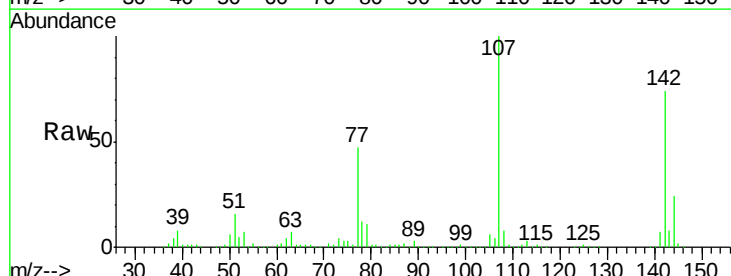


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

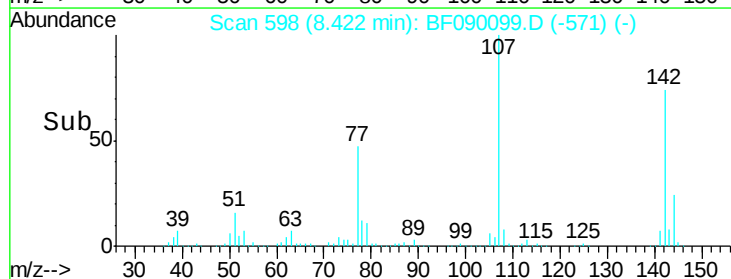
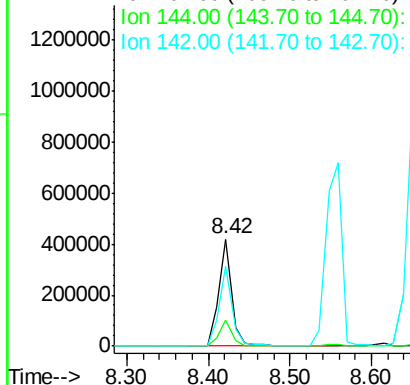


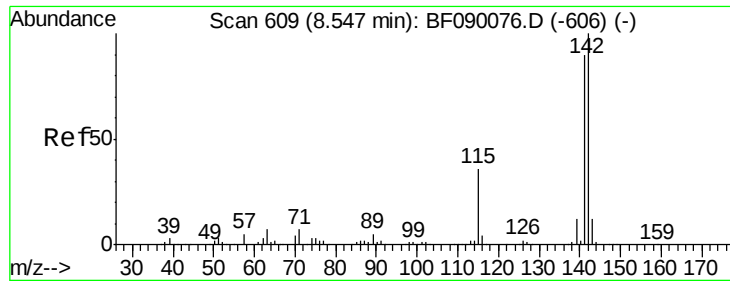
#36
 4-Chloro-3-methylphenol
 Concen: 43.40 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	18.6	27.8
142	74.2	57.0	85.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





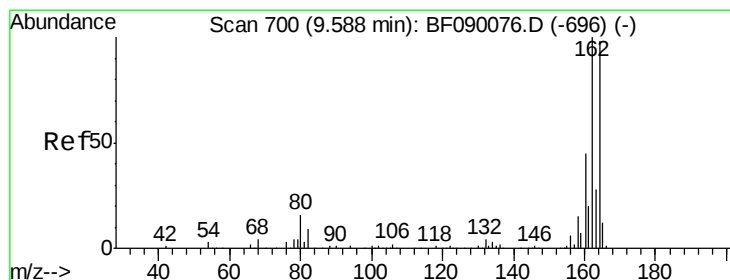
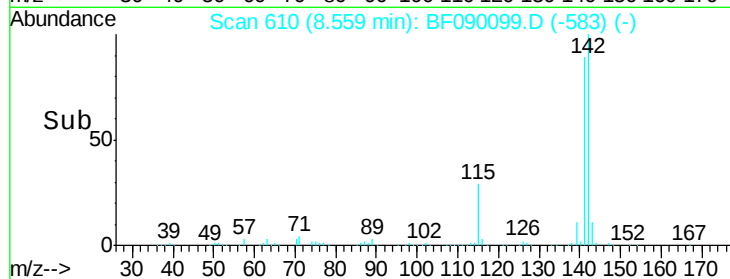
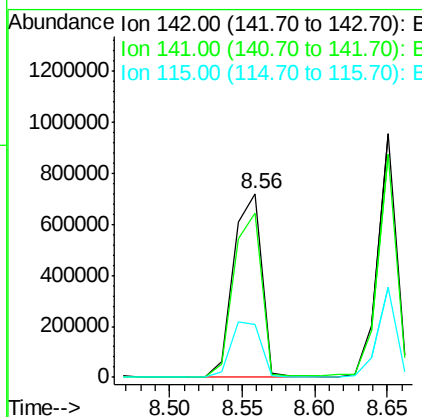
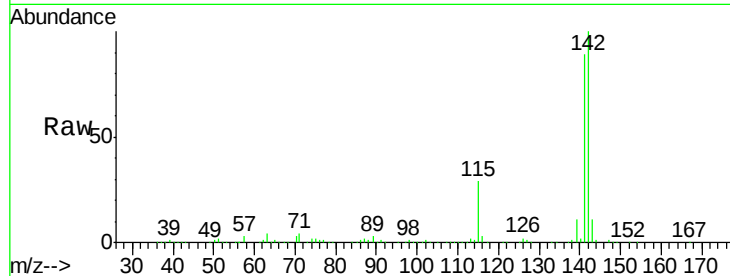
#37
2-Methylnaphthalene
Concen: 48.43 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	979498		
141	89.3	71.4	107.2	
115	29.1	28.3	42.5	

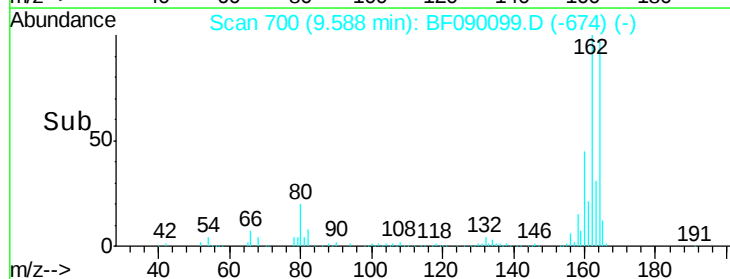
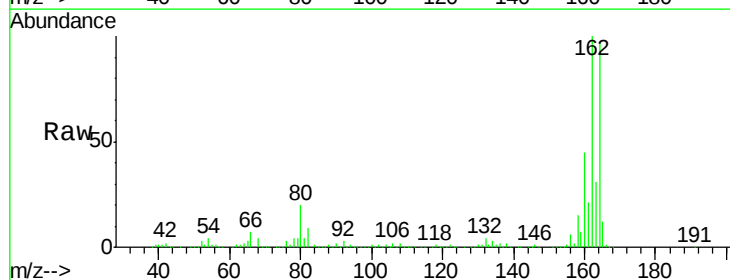
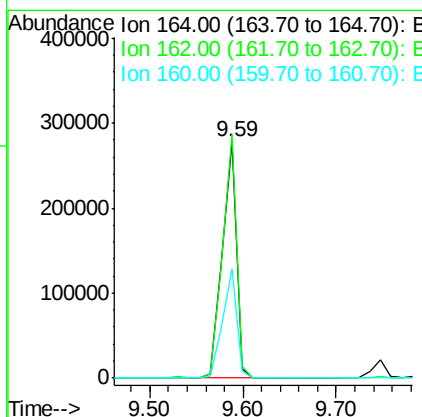
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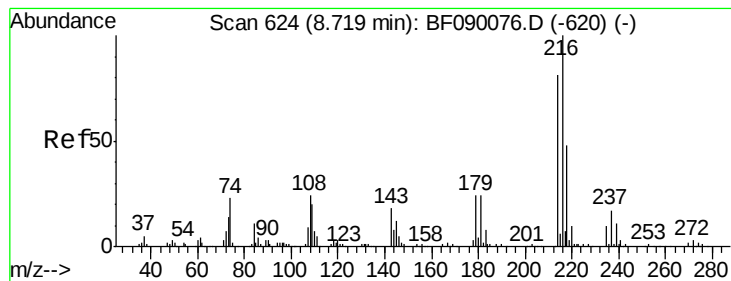
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	289618		
162	103.1	81.4	122.2	
160	46.2	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.78 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

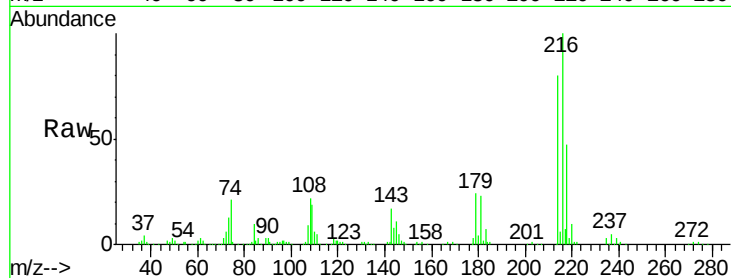
ClientSampled :

NC-TS-005MS

Tgt Ion:	216	Resp:	318616
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.7	95.5
179	23.4	18.5	27.7
108	24.3	19.5	29.3

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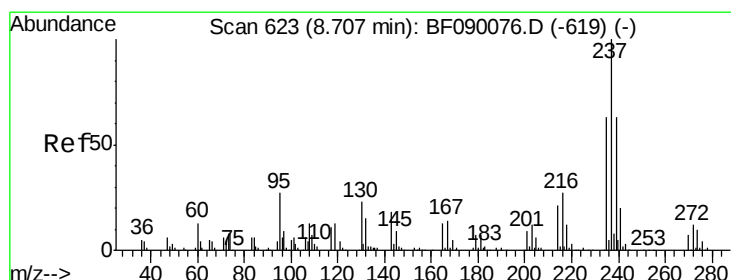
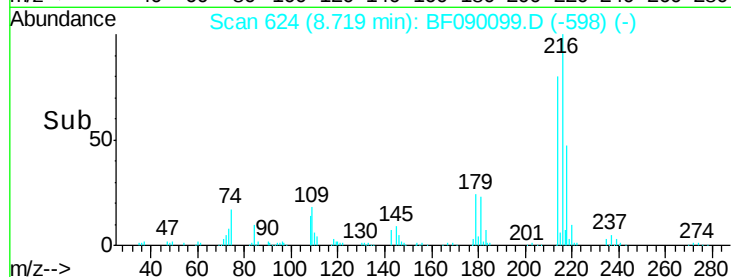
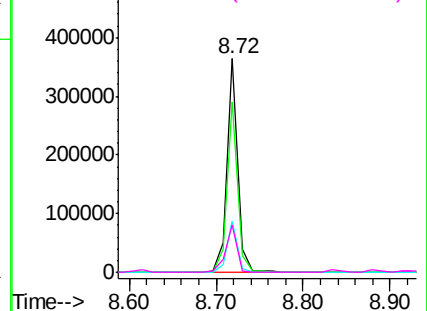


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.59 ng

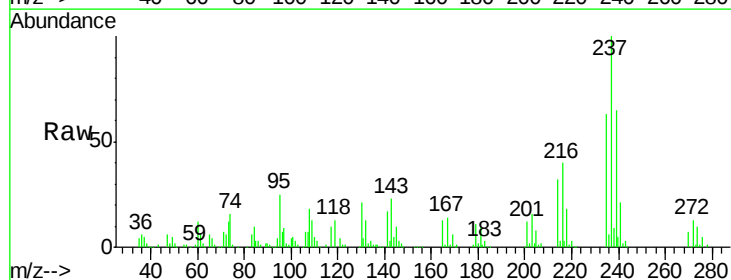
RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

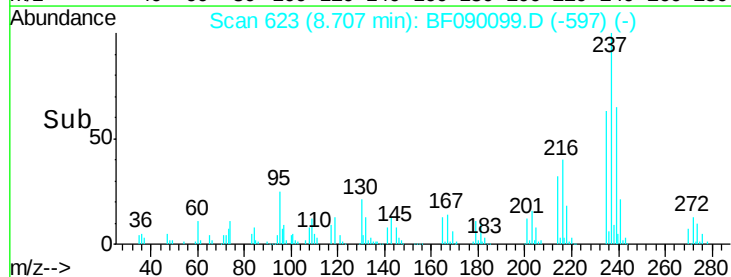
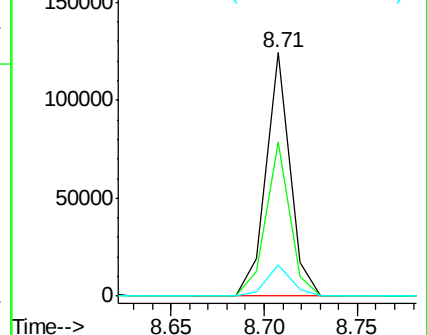
Tgt Ion:	237	Resp:	110657
Ion Ratio		Lower	Upper
237	100		
235	63.1	42.5	82.5
272	12.8	0.0	32.0

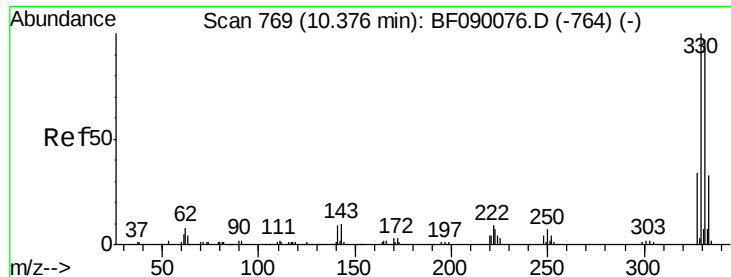


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





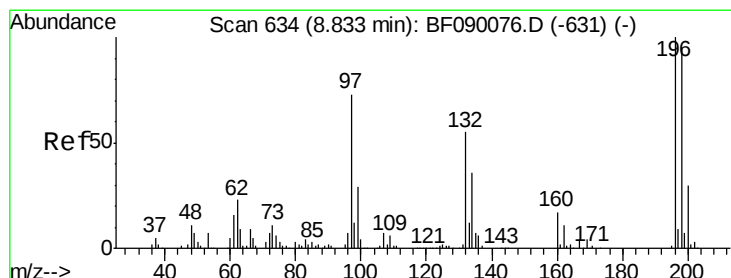
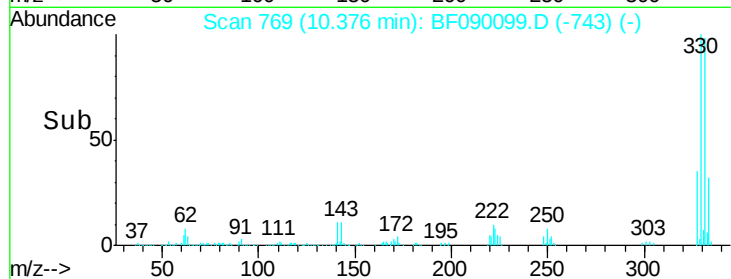
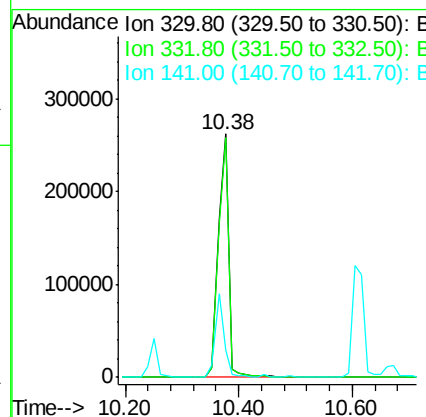
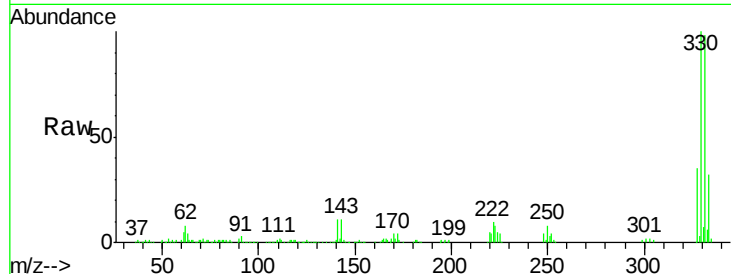
#41
 2,4,6-Tribromophenol
 Concen: 111.38 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	324017		
332	97.8	78.1	117.1	
141	28.7	23.9	35.9	

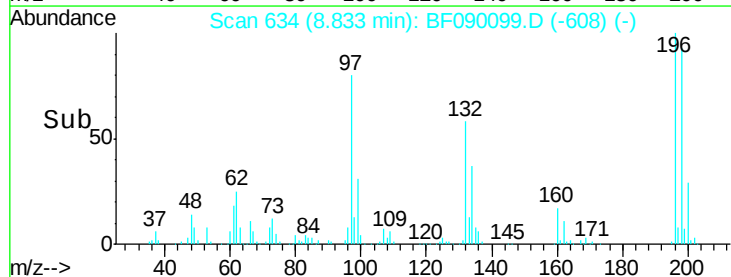
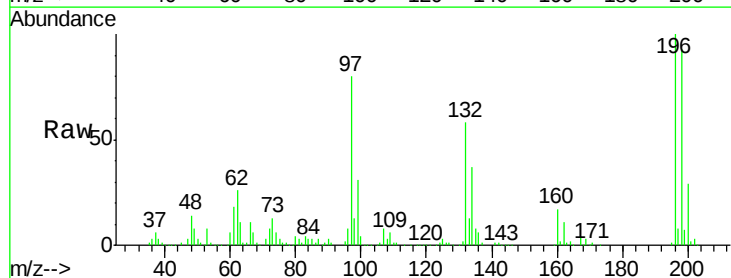
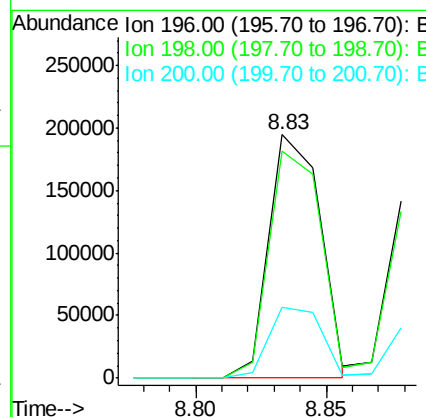
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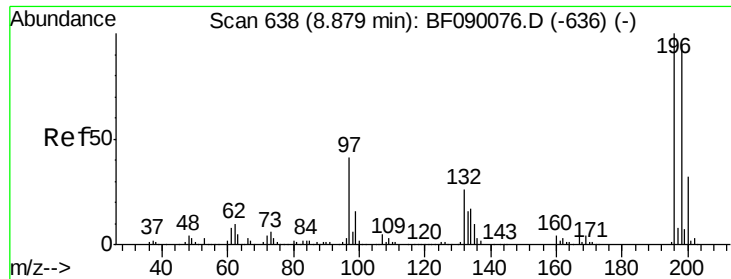
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#42
 2,4,6-Trichlorophenol
 Concen: 48.99 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264430		
198	93.3	76.3	114.5	
200	29.3	24.1	36.1	





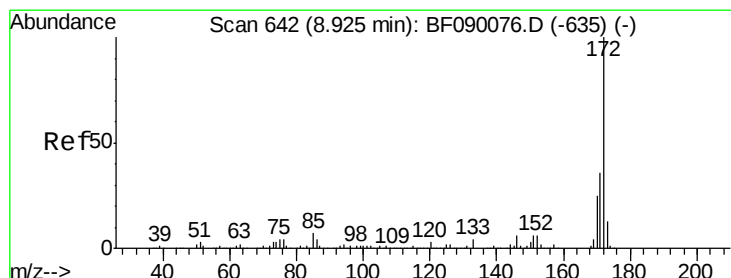
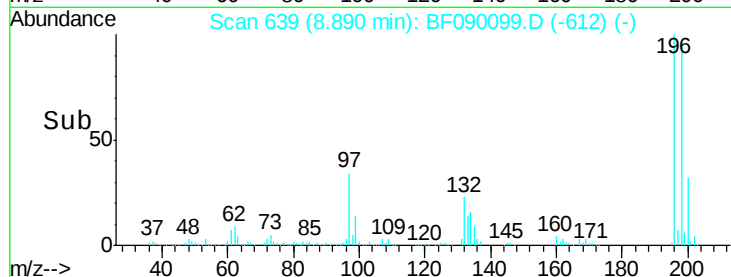
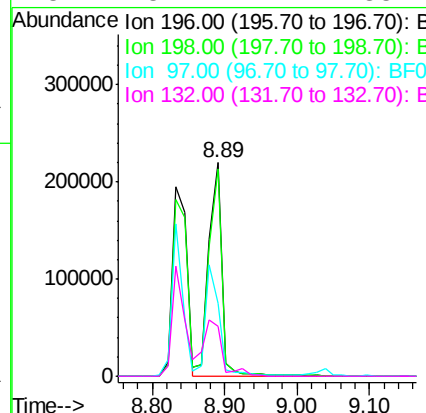
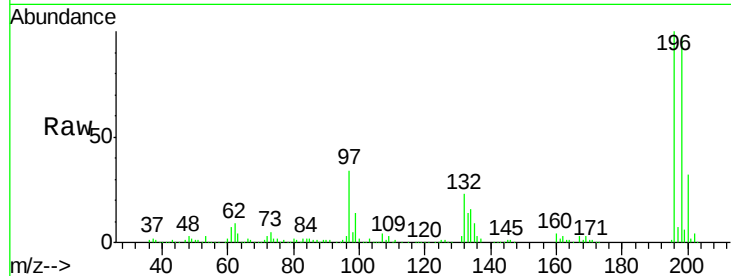
#43
2,4,5-Trichlorophenol
Concen: 47.42 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275304		
198	96.9	76.6	114.8	
97	34.0	34.4	51.6	
132	23.2	22.2	33.2	

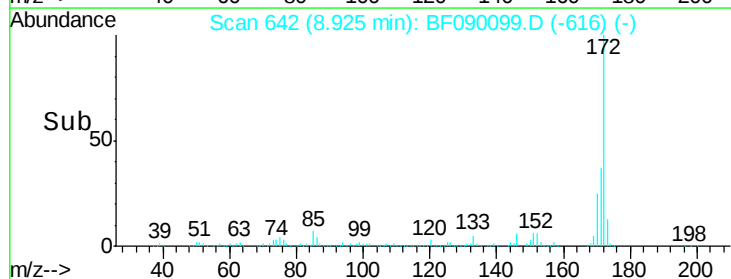
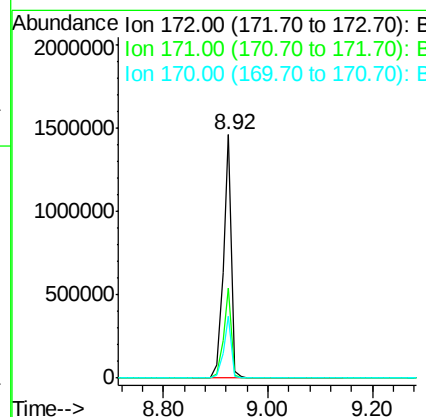
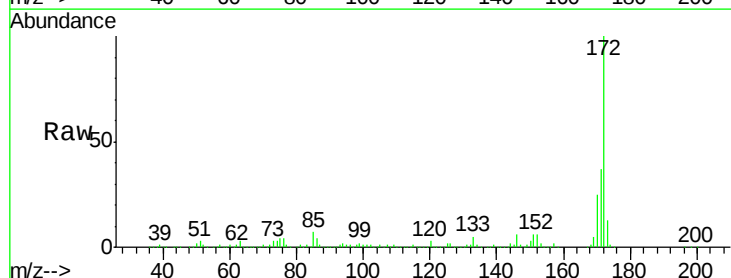
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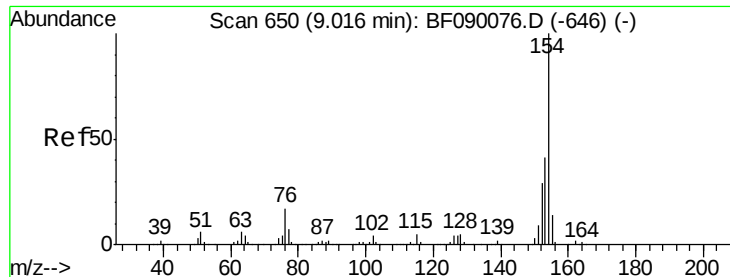
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#44
2-Fluorobiphenyl
Concen: 83.66 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1542753		
171	37.2	29.2	43.8	
170	25.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.37 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

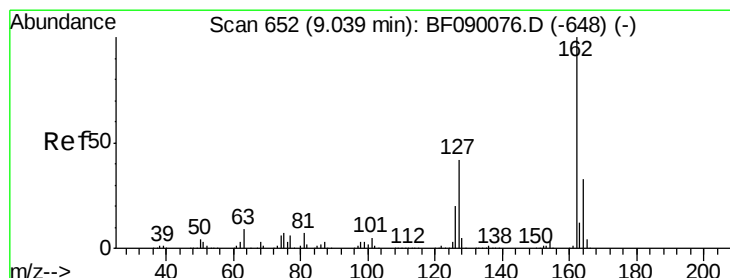
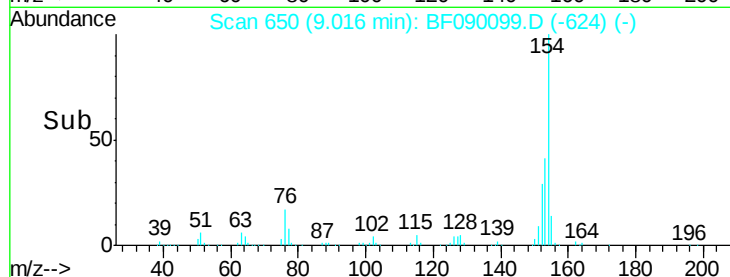
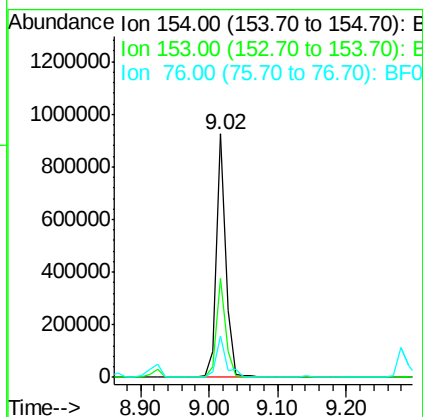
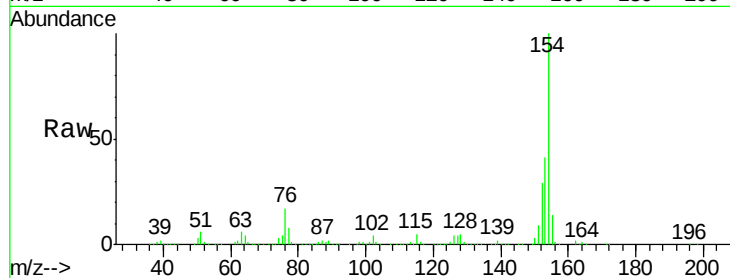
ClientSampleId :

NC-TS-005MS

Tgt Ion:	154	Resp:	909279
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	16.8	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 49.14 ng

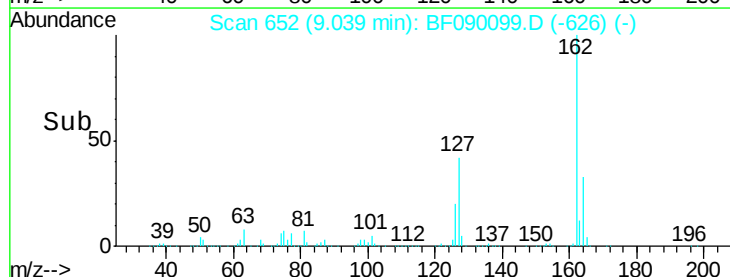
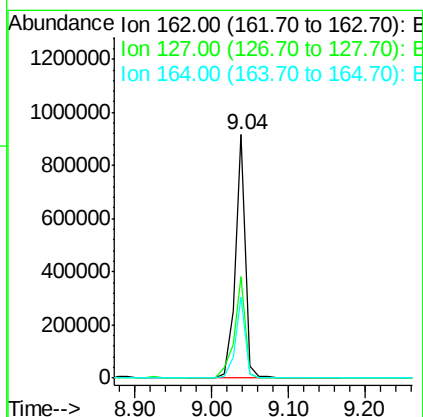
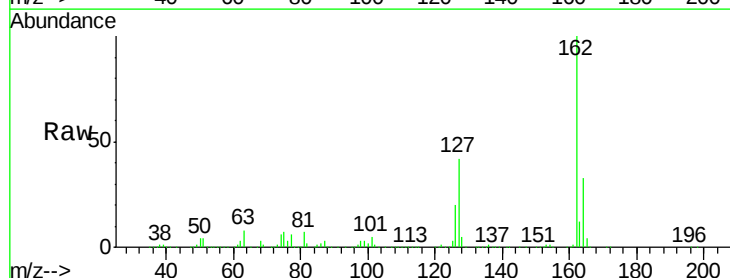
RT: 9.04 min Scan# 652

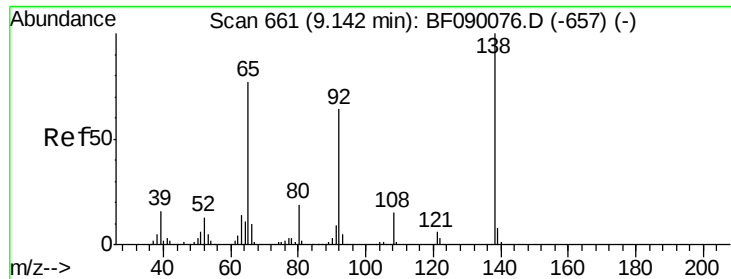
Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	162	Resp:	862890
Ion Ratio	Lower	Upper	
162	100		
127	41.6	34.0	51.0
164	33.2	26.8	40.2





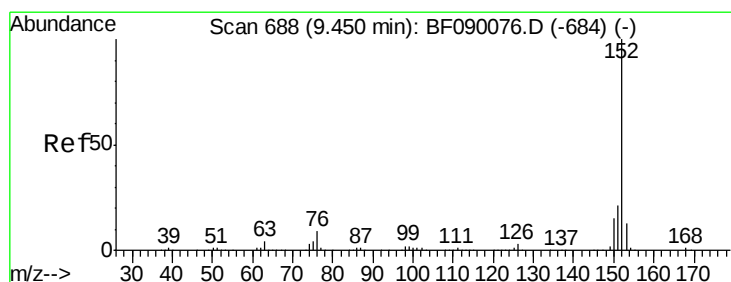
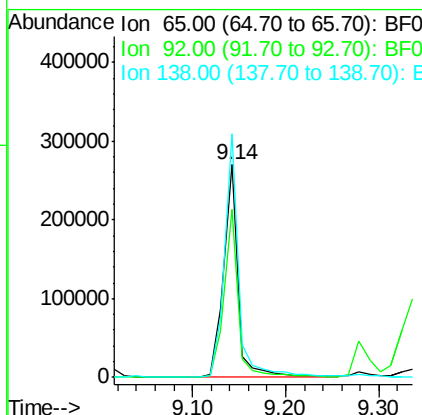
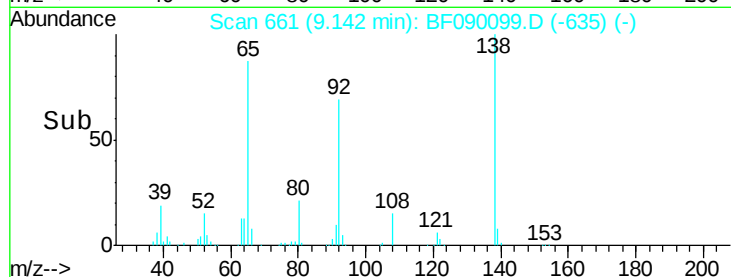
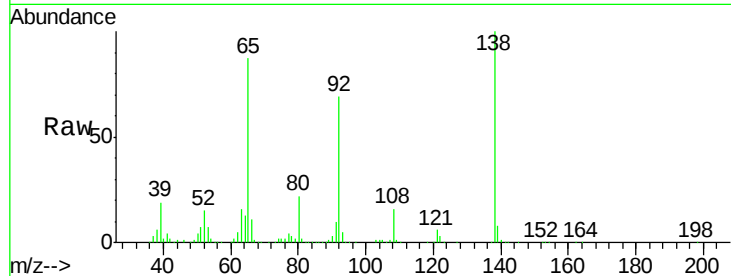
#47
 2-Nitroaniline
 Concen: 51.81 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion:	65	Resp:	290476
Ion Ratio	Lower	Upper	
65	100		
92	79.0	66.1	99.1
138	114.4	104.1	156.1

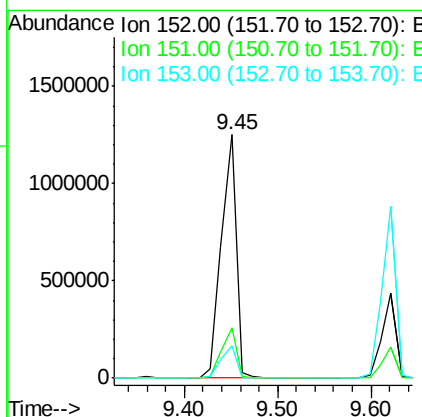
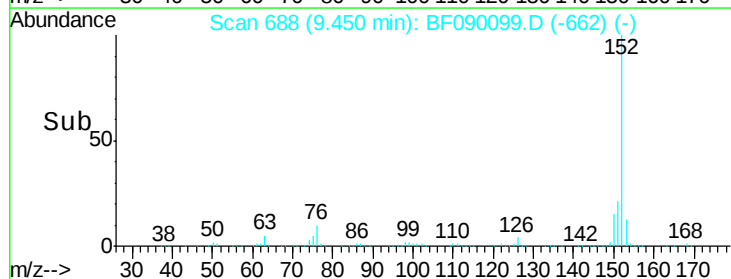
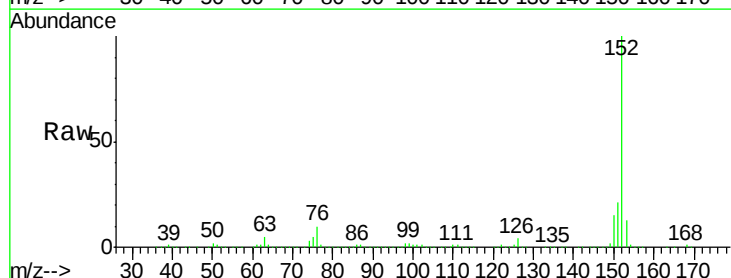
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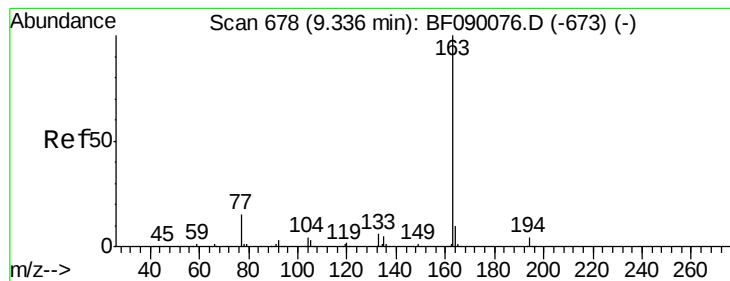
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#48
 Acenaphthylene
 Concen: 46.90 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:	152	Resp:	1383091
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.5	24.7
153	13.4	10.6	15.8





#49

Dimethylphthalate

Concen: 61.95 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:163 Resp: 1332666

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

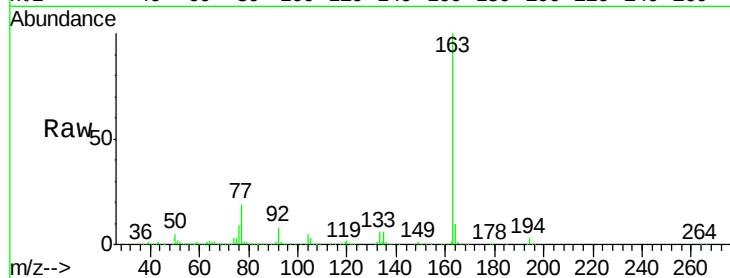
164 10.3 8.1 12.1

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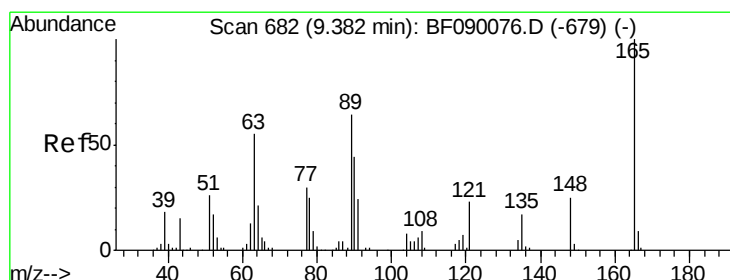
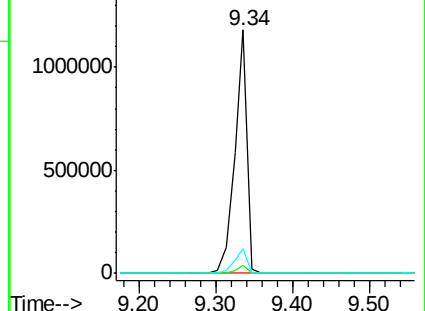
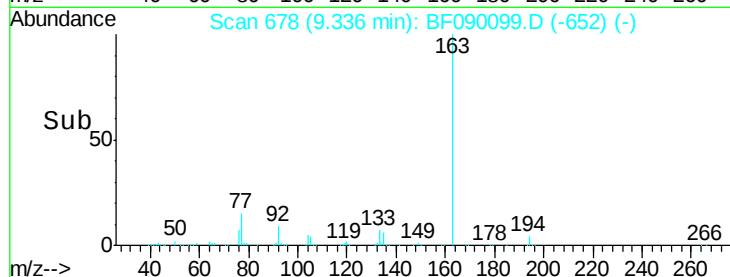
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.31 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

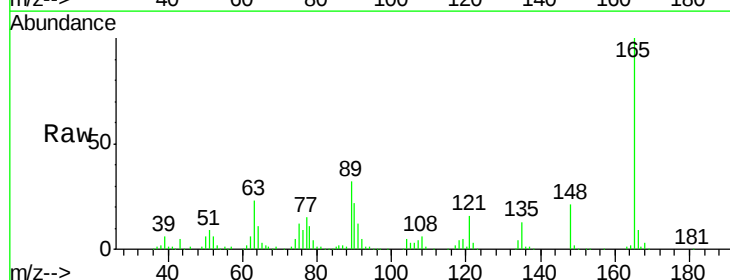
Tgt Ion:165 Resp: 227419

Ion Ratio Lower Upper

165 100

63 22.7 49.9 74.9#

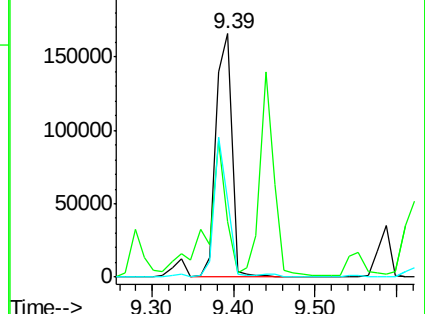
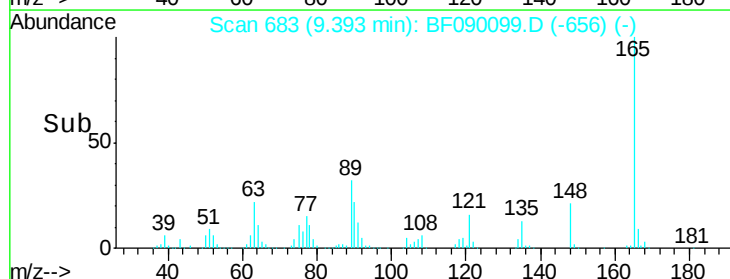
89 31.6 51.0 76.4#

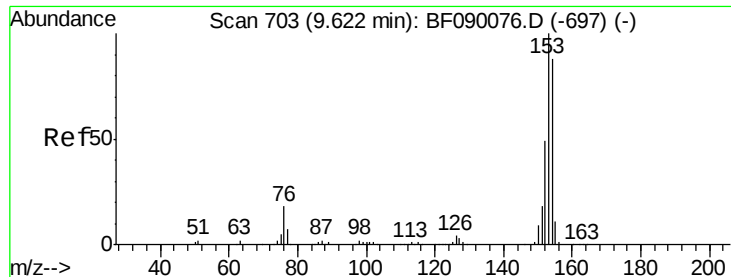


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.21 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

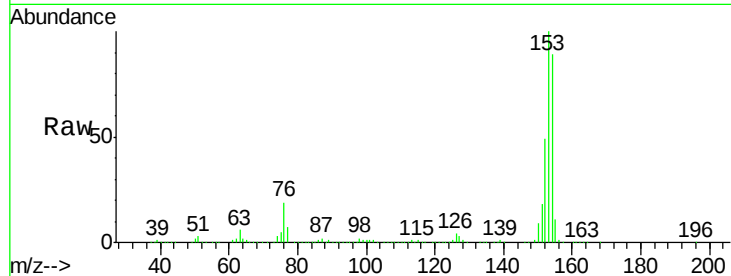
ClientSampleId :

NC-TS-005MS

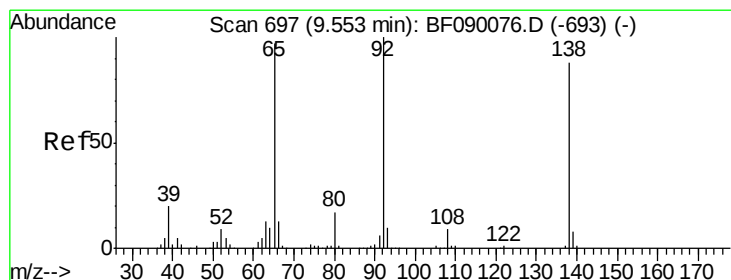
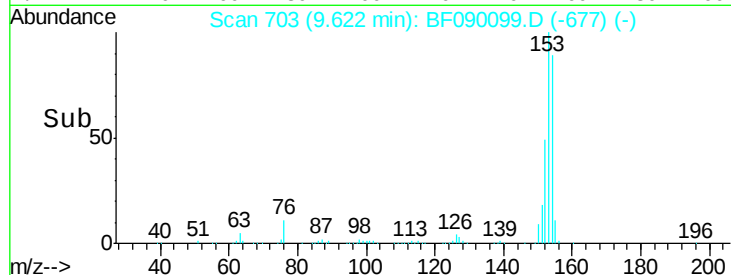
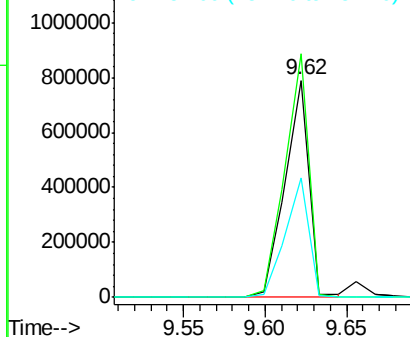
Tgt Ion:	154	Resp:	810619
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.8	136.2
152	54.9	44.2	66.4

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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: 29.53 ng

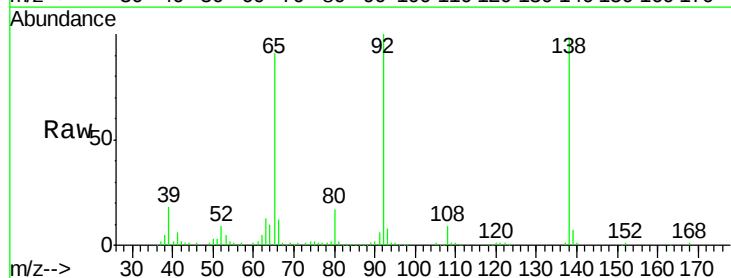
RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

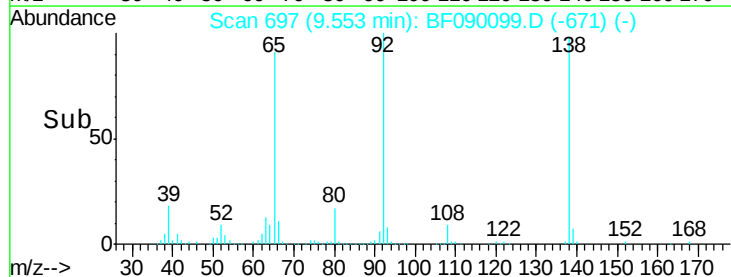
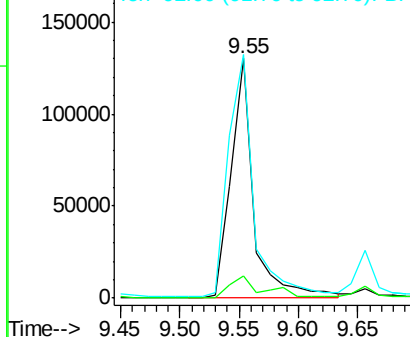
Lab File: BF090099.D

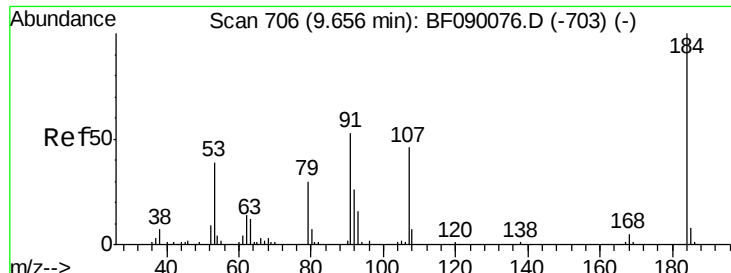
Acq: 15 Sep 2016 18:44

Tgt Ion:	138	Resp:	172706
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	101.7	90.7	136.1



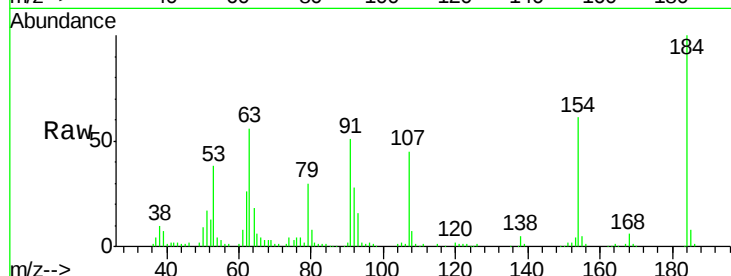
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 37.91 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

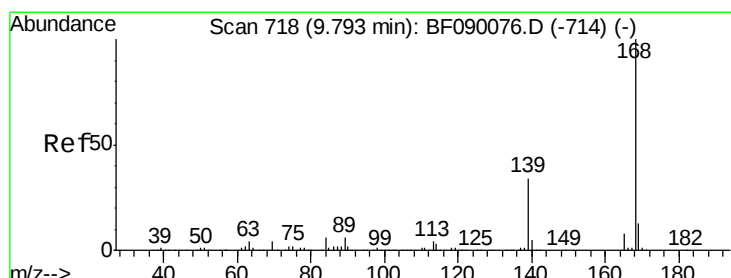
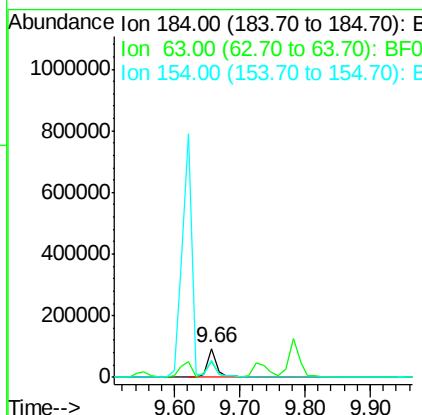
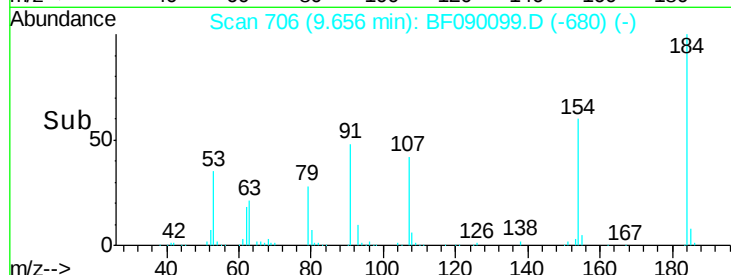
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99064		
63	56.1	44.6	67.0	
154	60.6	49.7	74.5	

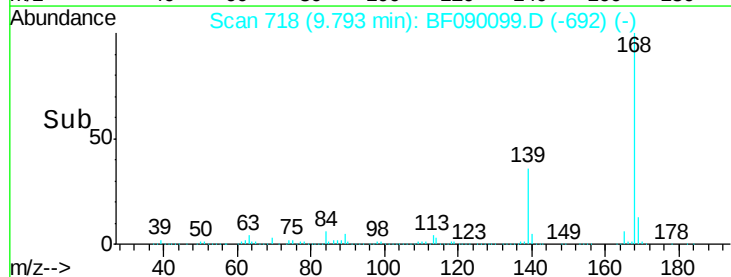
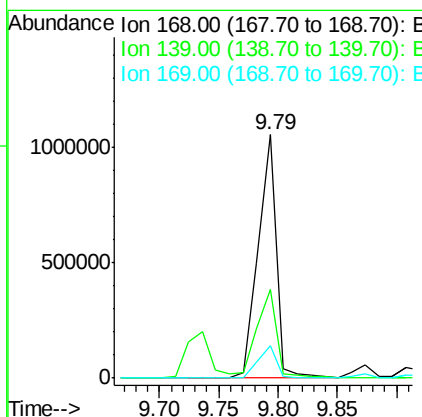
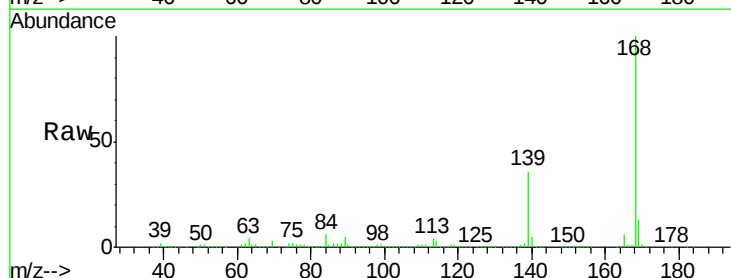
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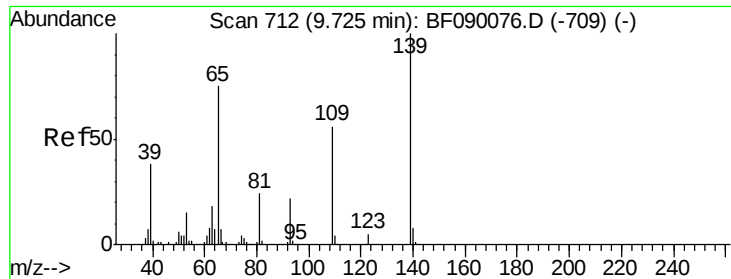
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#54
 Dibenzofuran
 Concen: 49.82 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1134931		
139	36.4	28.8	43.2	
169	13.3	10.7	16.1	





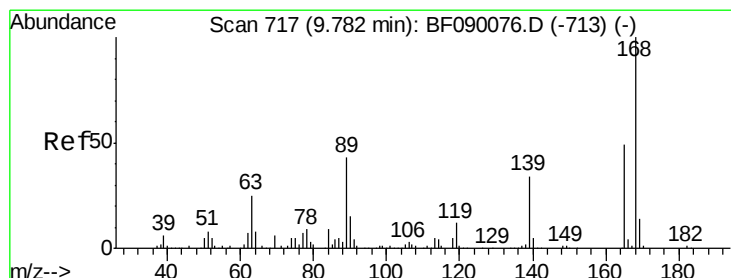
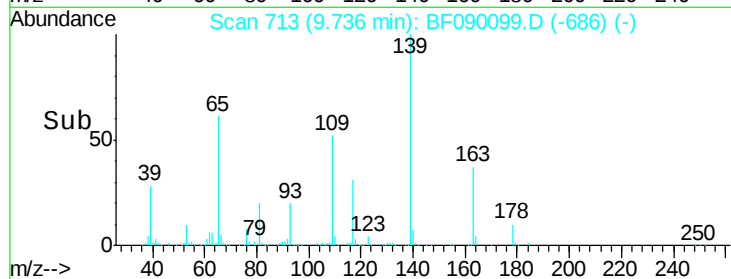
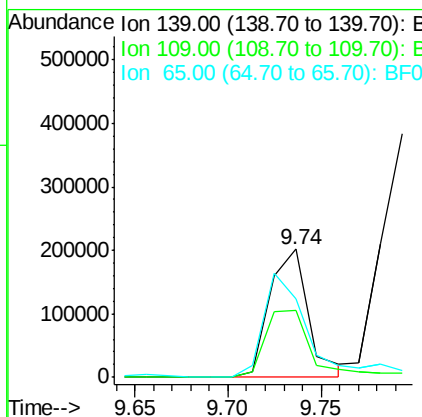
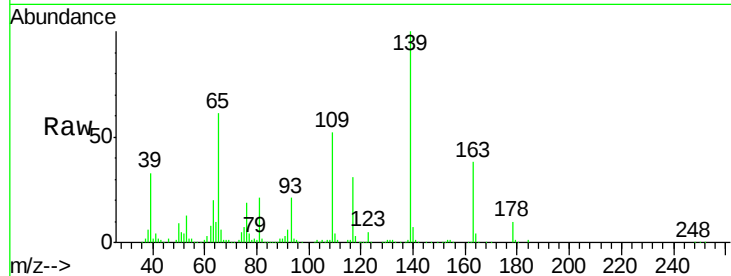
#55
4-Nitrophenol
Concen: 70.69 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampled :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	290947		
109	52.3	35.6	75.6	
65	61.4	55.5	95.5	

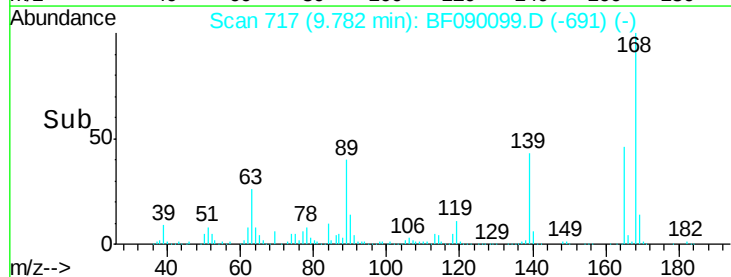
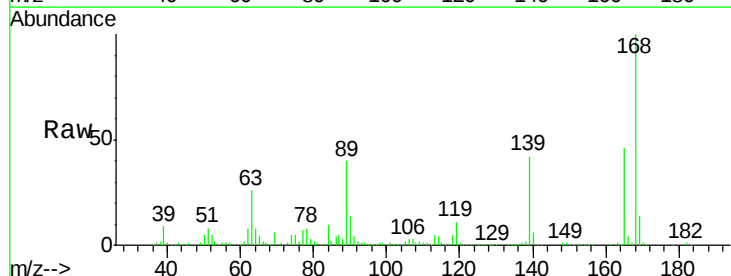
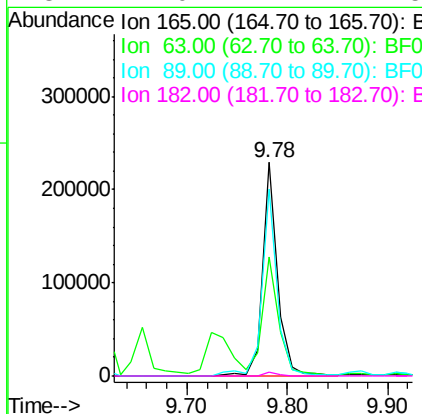
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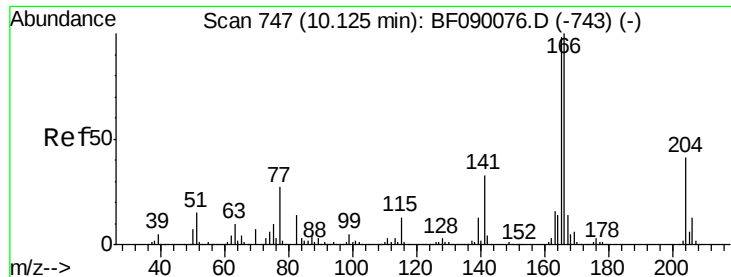
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#56
2,4-Dinitrotoluene
Concen: 40.09 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	234938		
63	55.8	44.4	66.6	
89	87.3	70.1	105.1	
182	2.0	1.7	2.5	





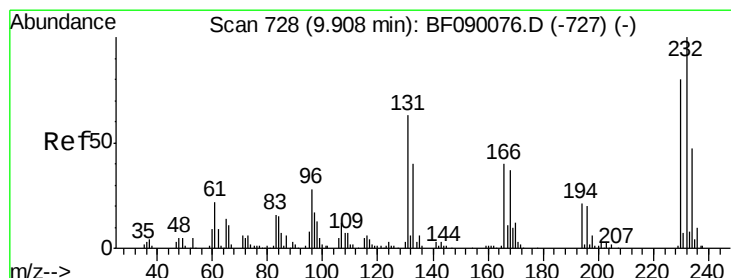
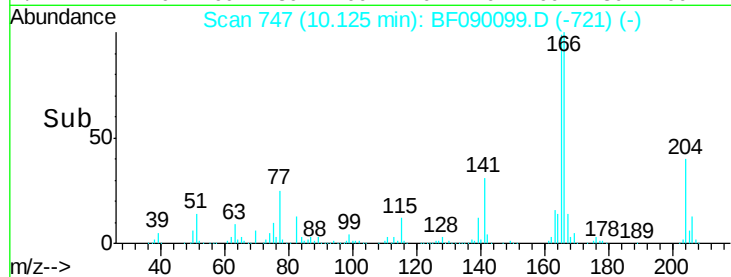
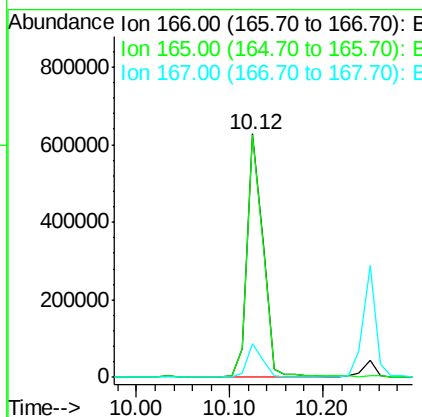
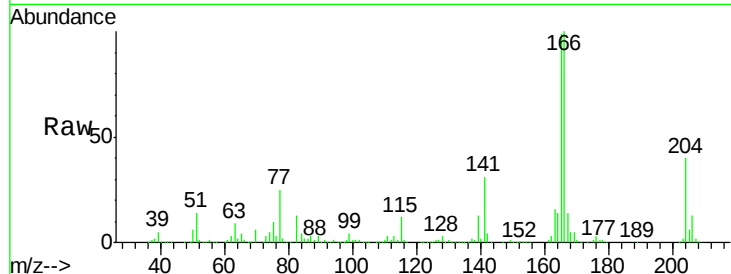
#57
Fluorene
 Concen: 44.34 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	13.9	11.2	16.8

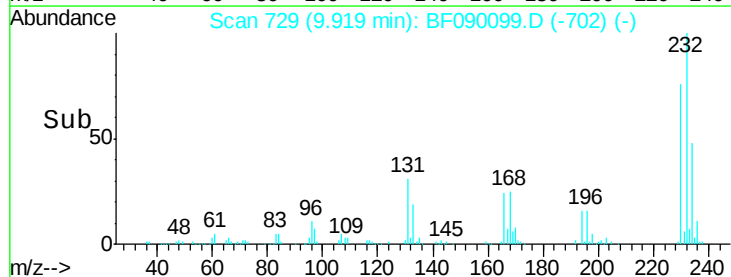
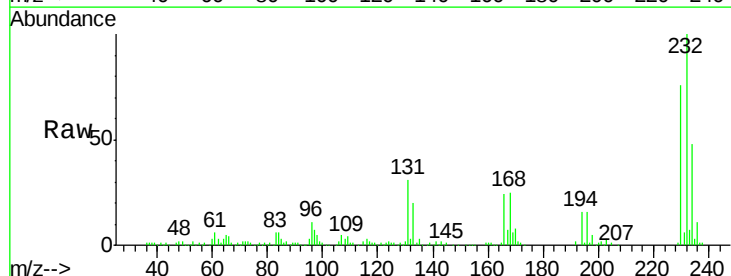
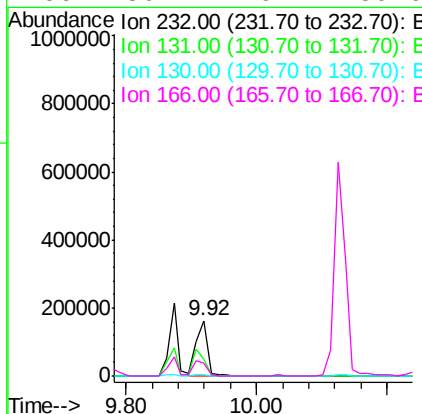
Manual Integrations
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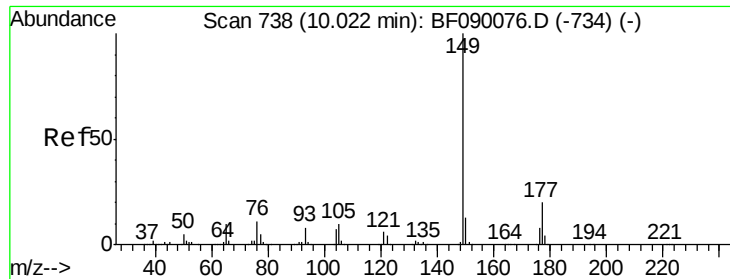
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.57 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.6	42.2	63.4
130	2.4	1.9	2.9
166	30.7	26.4	39.6





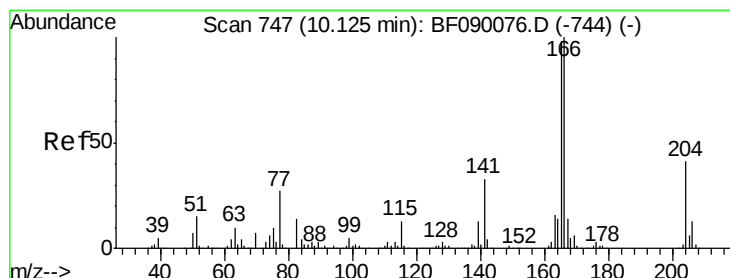
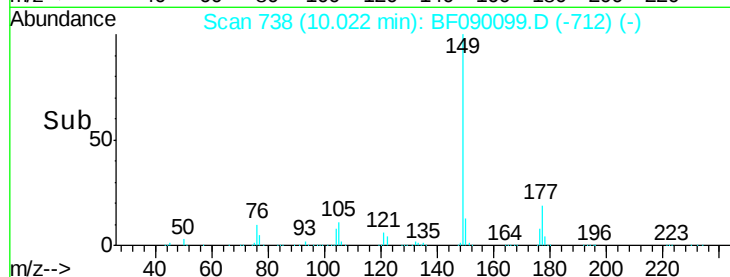
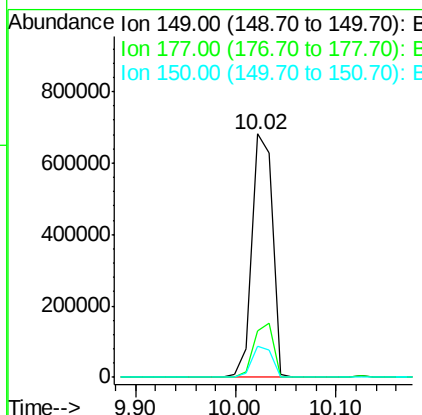
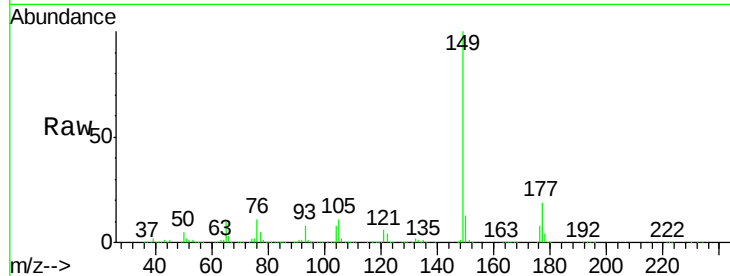
#59
Diethylphthalate
Concen: 46.52 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	968921		
177	19.3	15.8	23.6	
150	12.9	10.4	15.6	

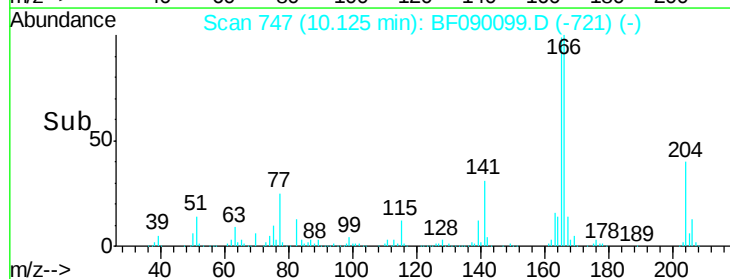
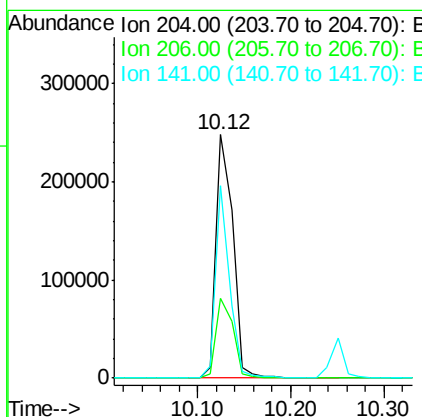
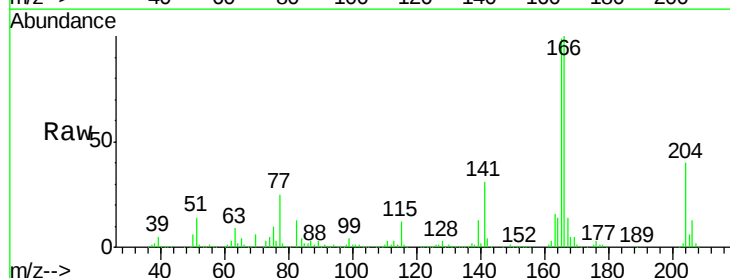
Manual Integrations
APPROVED

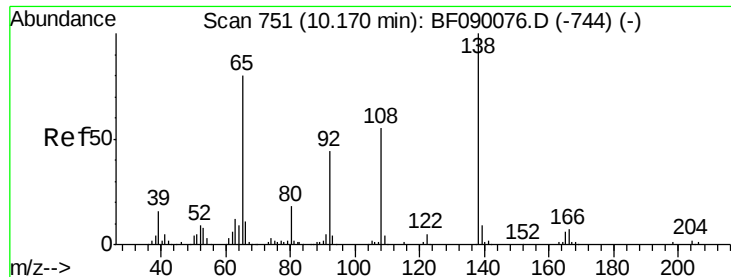
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#60
4-Chlorophenyl-phenylether
Concen: 46.50 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	309905		
206	32.6	25.6	38.4	
141	79.2	64.4	96.6	





#61

4-Nitroaniline

Concen: 35.14 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

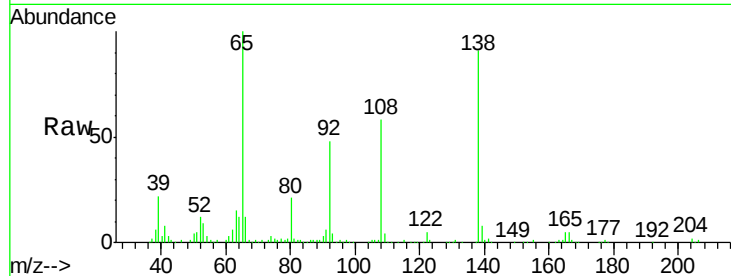
ClientSampleId :

NC-TS-005MS

Tgt Ion:	138	Resp:	208046
Ion Ratio	Lower	Upper	
138	100		
92	52.6	23.8	63.8
108	63.7	35.0	75.0

Manual Integrations
APPROVED

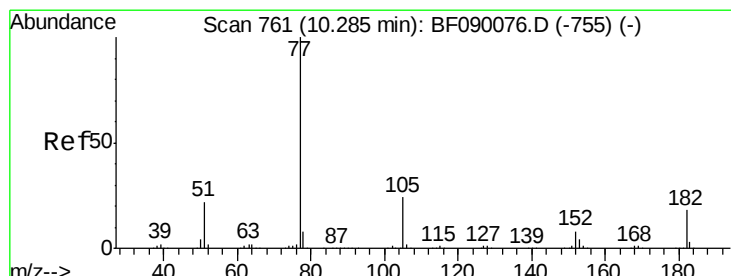
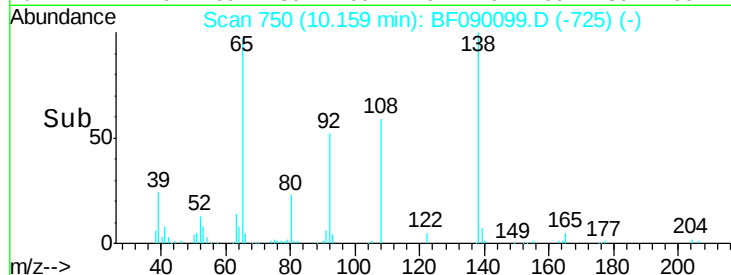
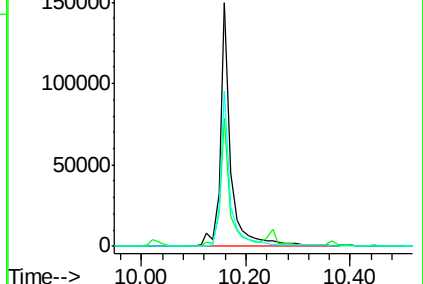
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.92 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

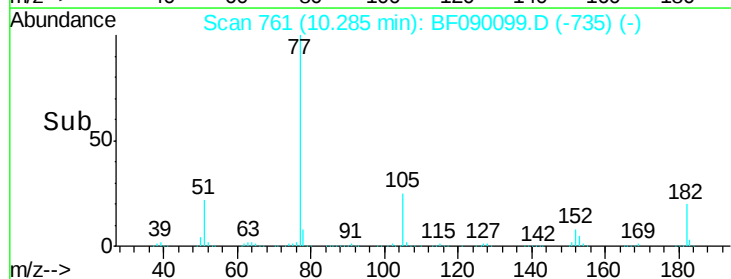
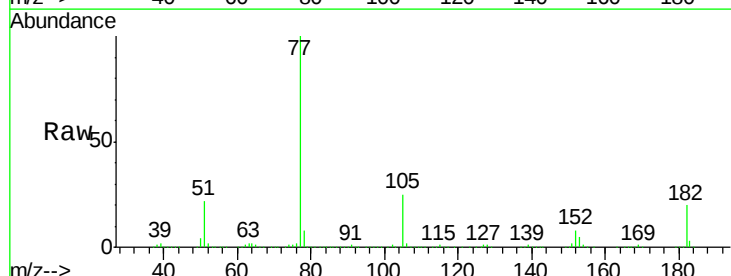
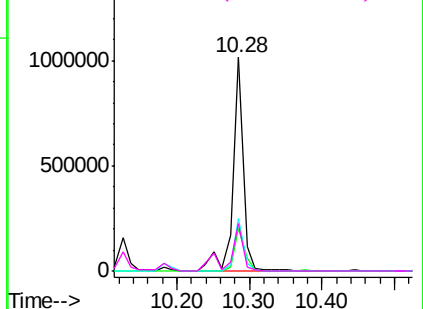
Tgt Ion:	77	Resp:	1003506
Ion Ratio	Lower	Upper	
77	100		
182	19.9	0.0	38.4
105	24.6	3.8	43.8
51	22.4	2.6	42.6

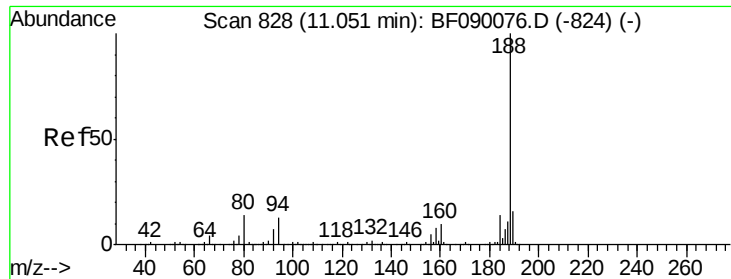
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

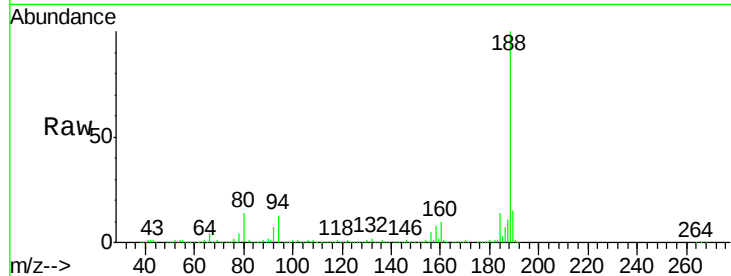
ClientSampleId :

NC-TS-005MS

Tgt Ion:	188	Resp:	415378
Ion Ratio	Lower	Upper	
188	100		
94	13.0	10.5	15.7
80	13.9	11.2	16.8

Manual Integrations
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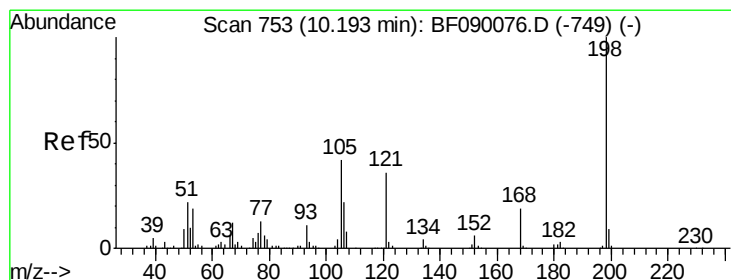
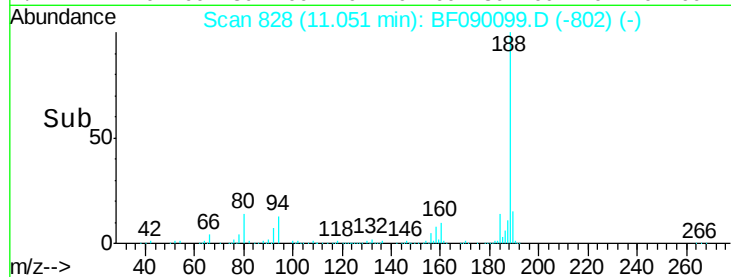
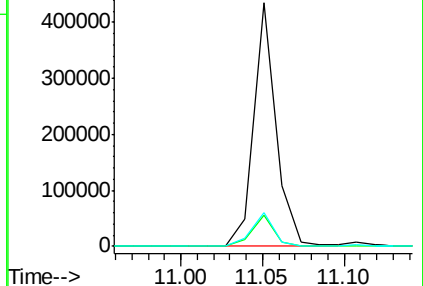
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.64 ng

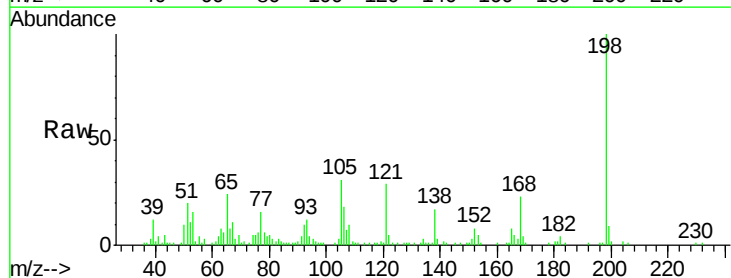
RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

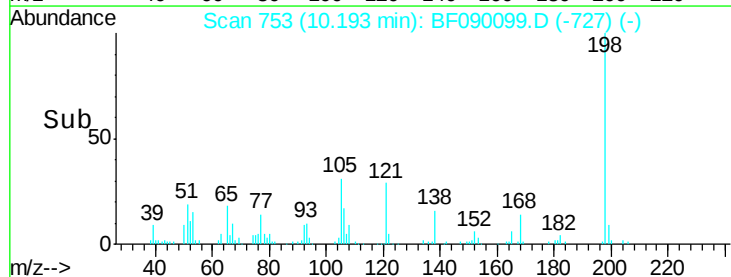
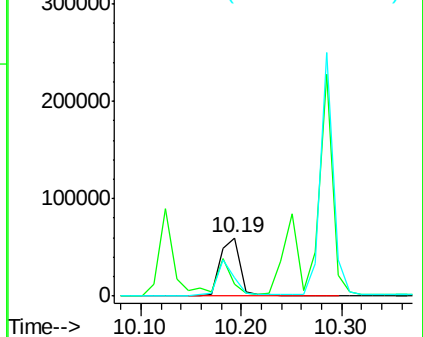
Tgt Ion:	198	Resp:	81749
Ion Ratio	Lower	Upper	
198	100		
51	19.8	5.5	45.5
105	31.3	21.8	61.8

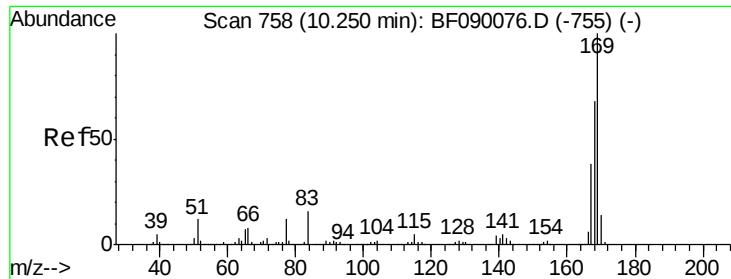


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.57 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:169 Resp: 718287
Ion Ratio Lower Upper

169 100

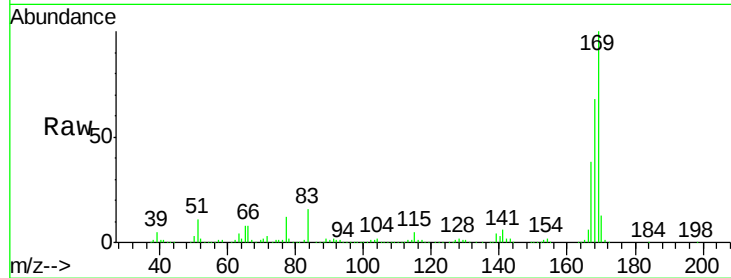
168 68.1 54.2 81.4

167 38.3 30.3 45.5

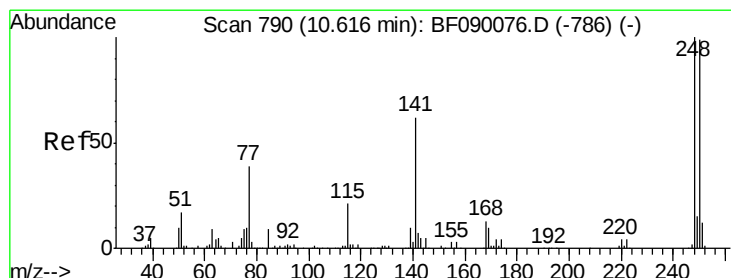
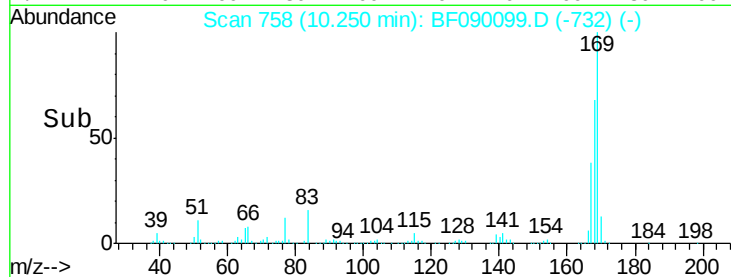
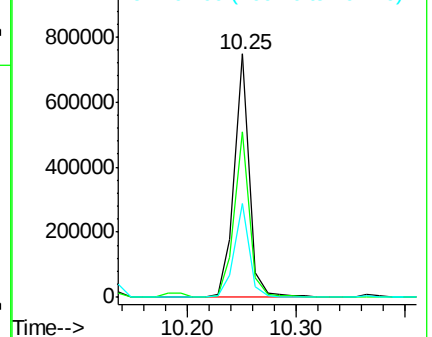
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.93 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF090099.D

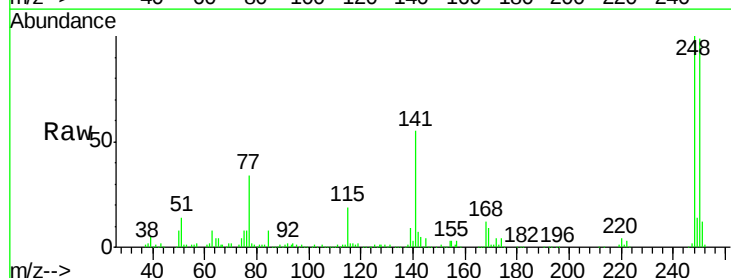
Acq: 15 Sep 2016 18:44

Tgt Ion:248 Resp: 211949
Ion Ratio Lower Upper

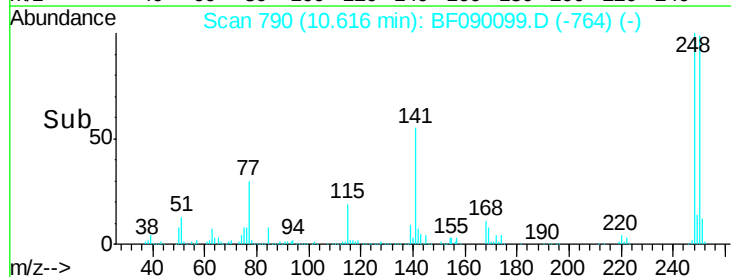
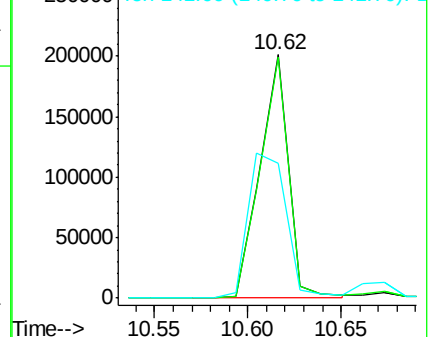
248 100

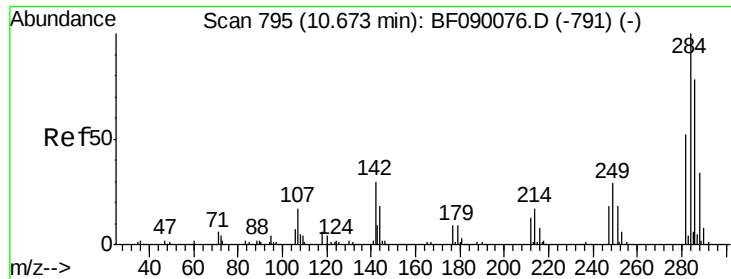
250 99.2 79.4 119.2

141 55.3 49.3 73.9



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





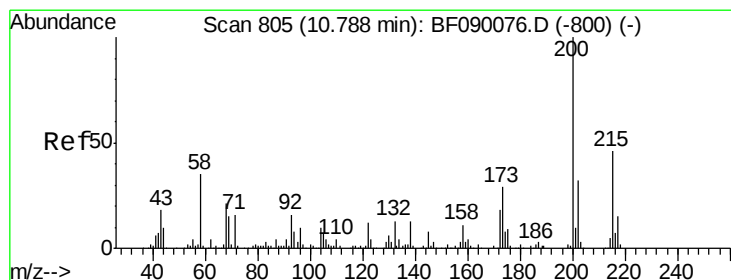
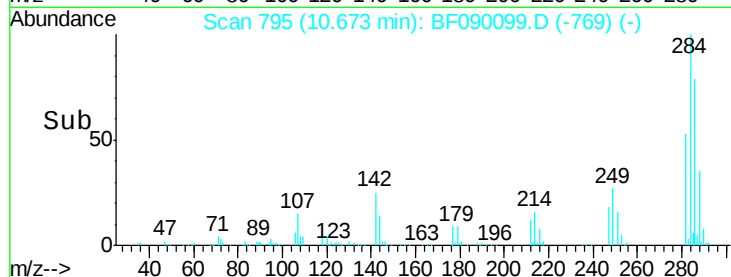
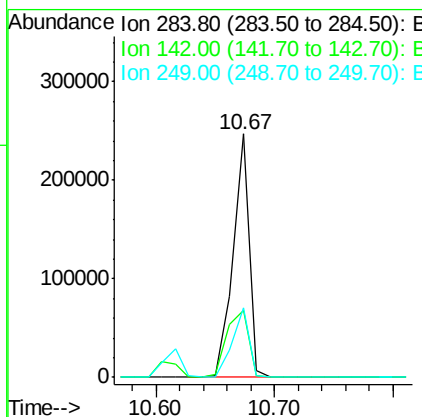
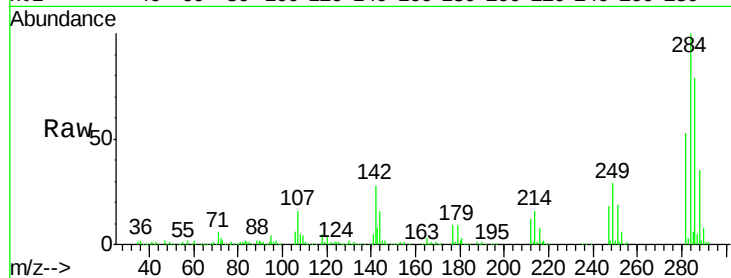
#67
Hexachlorobenzene
Concen: 49.56 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	233850		
142	27.7	24.0	36.0	
249	28.6	23.8	35.6	

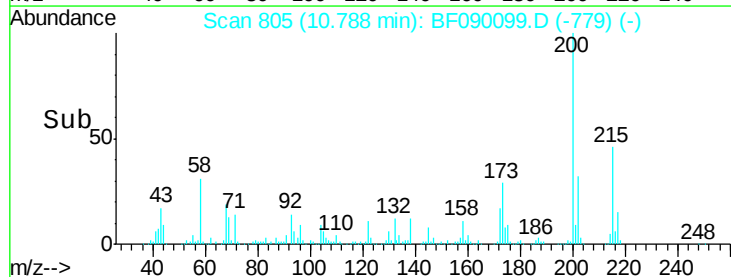
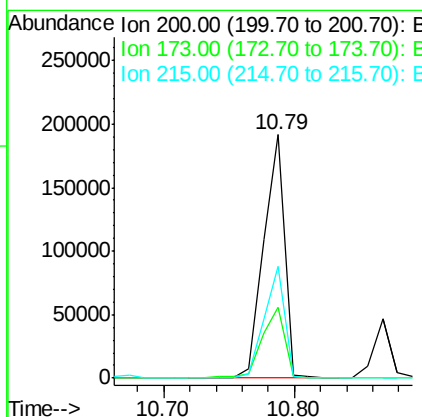
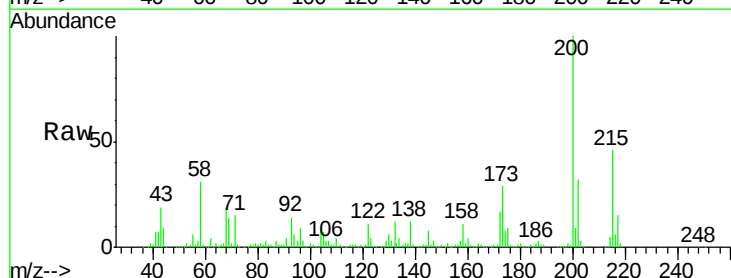
Manual Integrations
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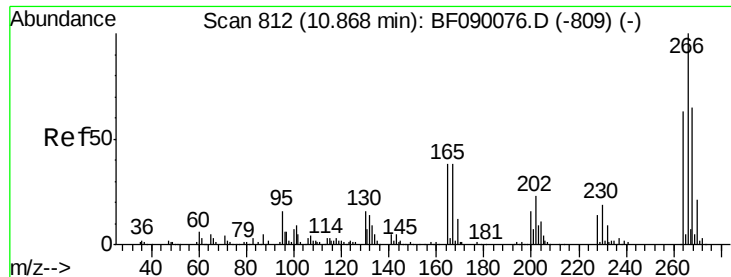
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#68
Atrazine
Concen: 55.16 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	215738		
173	28.8	9.3	49.3	
215	45.9	26.1	66.1	





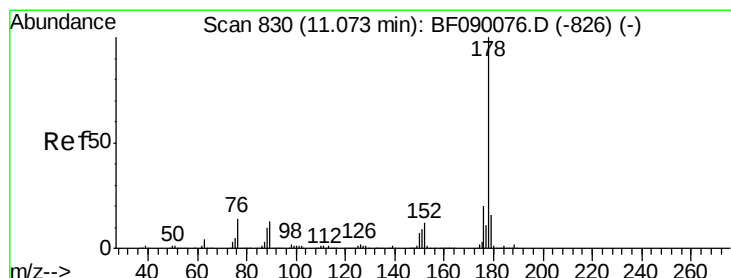
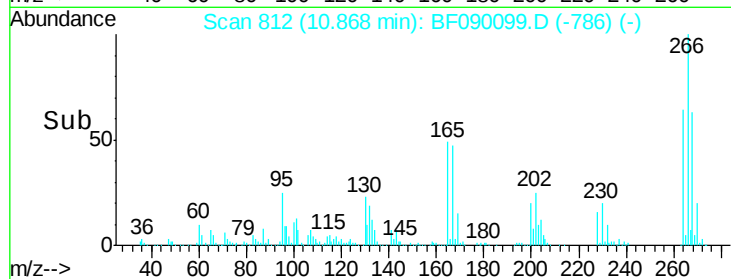
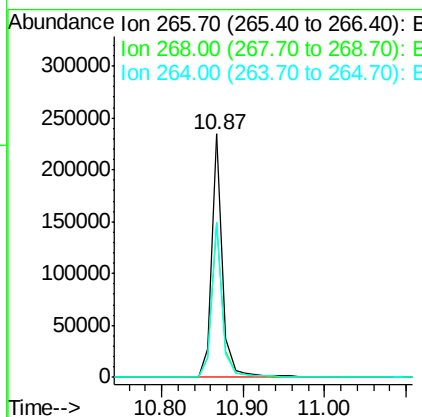
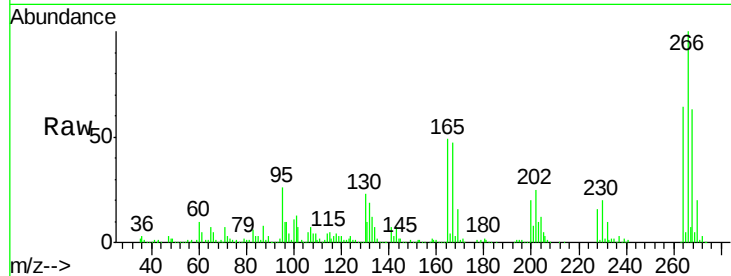
#69
 Pentachlorophenol
 Concen: 80.24 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	221783		
268	63.2	52.1	78.1	
264	63.7	50.3	75.5	

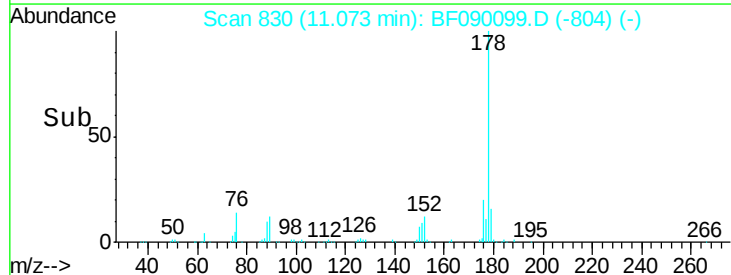
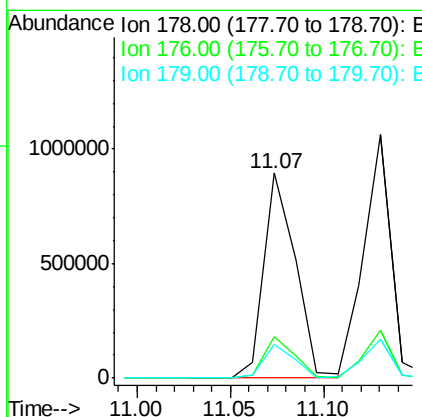
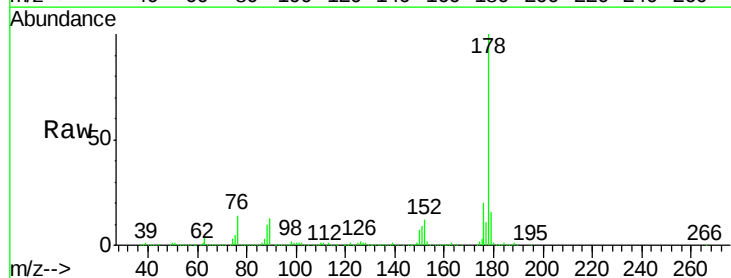
Manual Integrations
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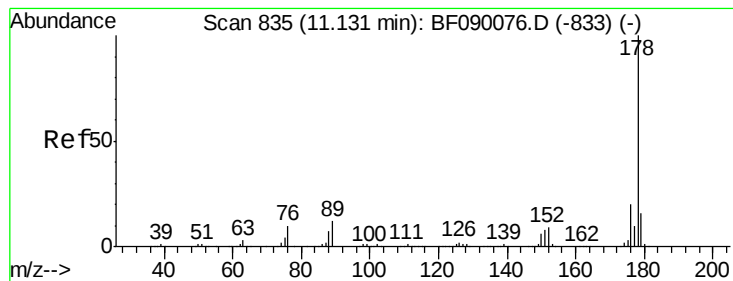
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#70
 Phenanthrene
 Concen: 52.22 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1048143		
176	20.3	15.9	23.9	
179	16.2	12.9	19.3	





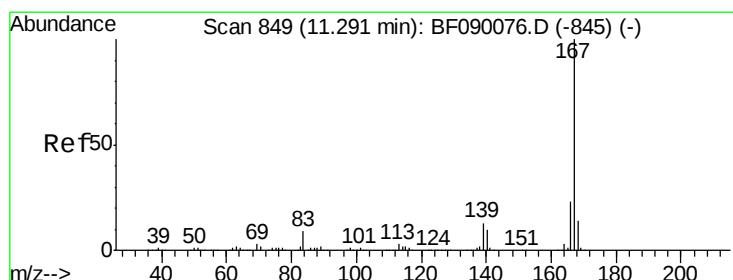
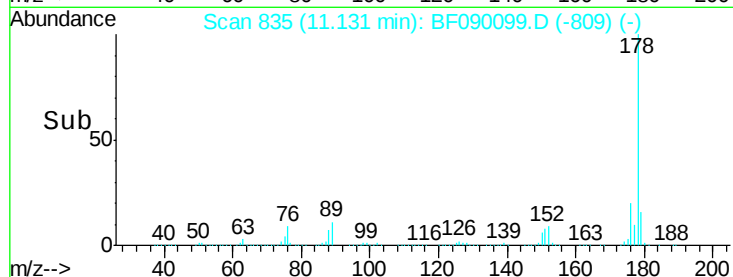
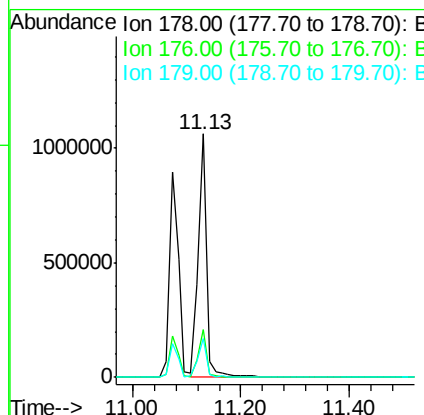
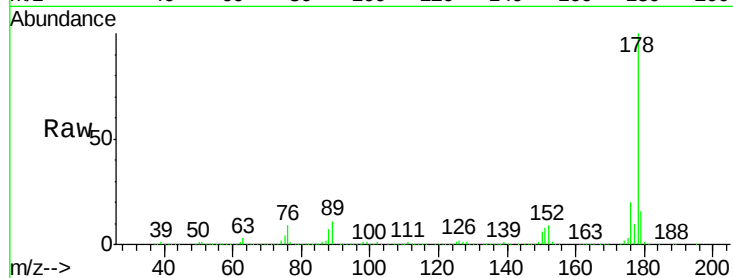
#71
 Anthracene
 Concen: 50.88 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion:178 Resp: 1115228
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.8 12.6 19.0

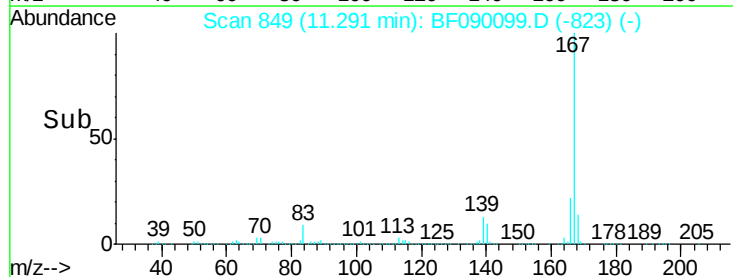
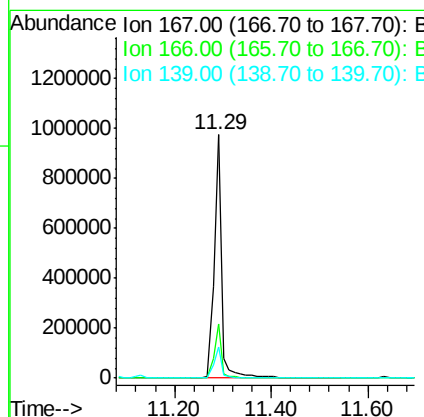
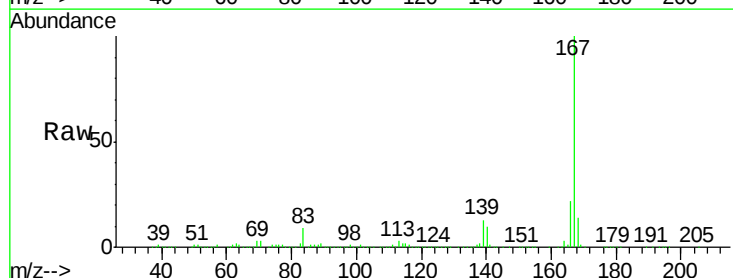
Manual Integrations
 APPROVED

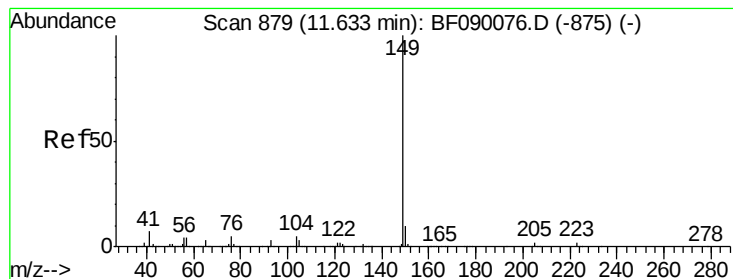
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 9/20/2016 6:49:00 PM



#72
 Carbazole
 Concen: 47.82 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:167 Resp: 1075112
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 13.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 46.28 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:149 Resp: 1166775

Ion Ratio Lower Upper

149 100

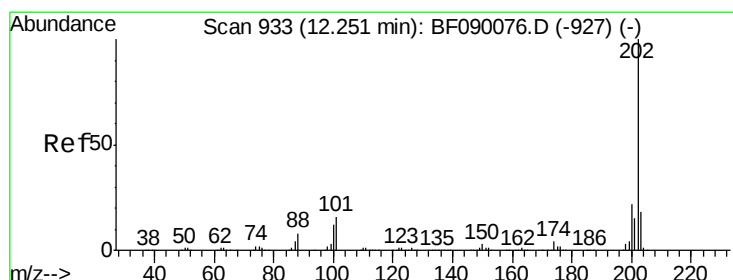
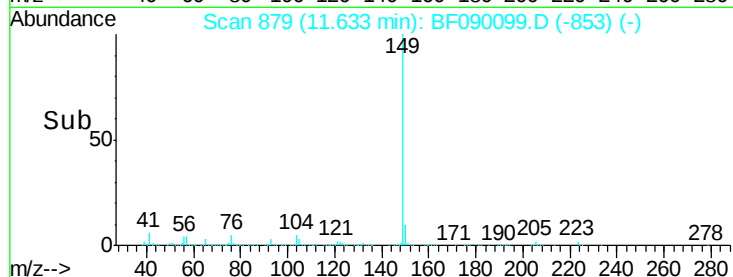
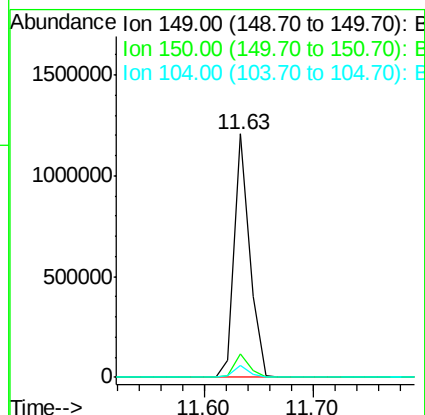
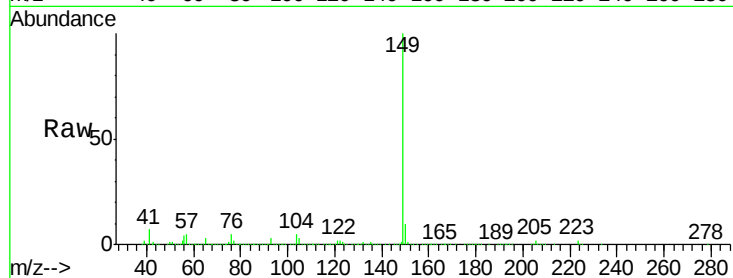
150 9.5 7.8 11.8

104 5.0 3.9 5.9

Manual Integrations
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#74

Fluoranthene

Concen: 50.17 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

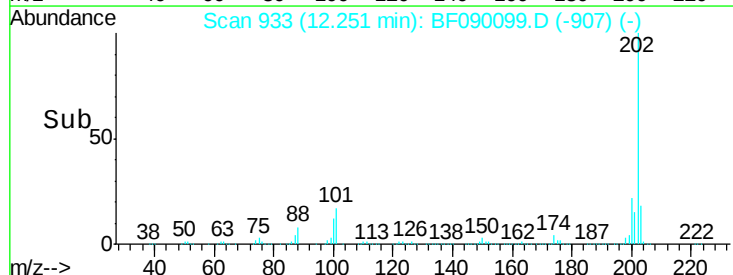
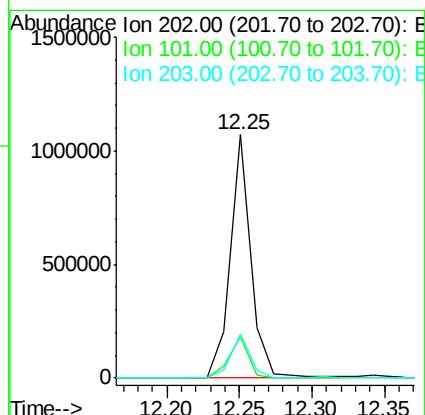
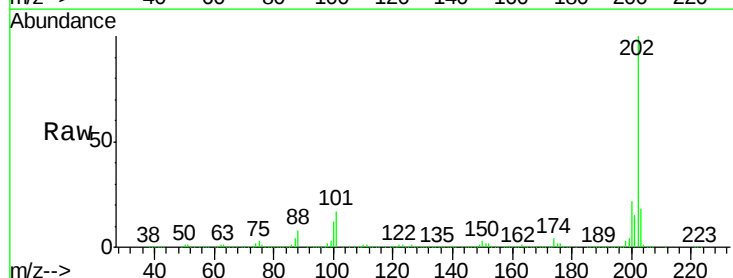
Tgt Ion:202 Resp: 1055205

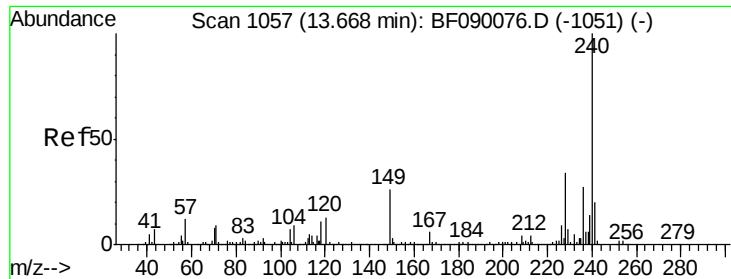
Ion Ratio Lower Upper

202 100

101 17.2 0.0 36.1

203 18.0 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

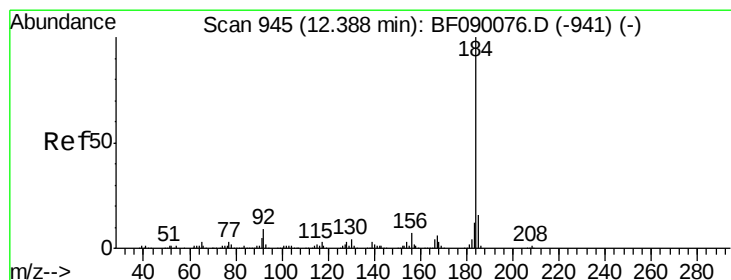
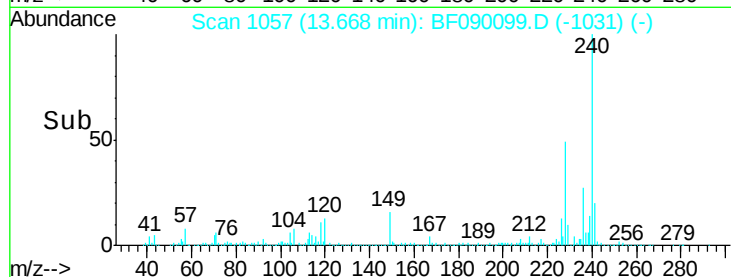
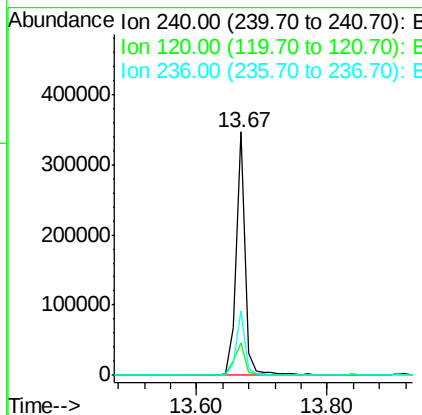
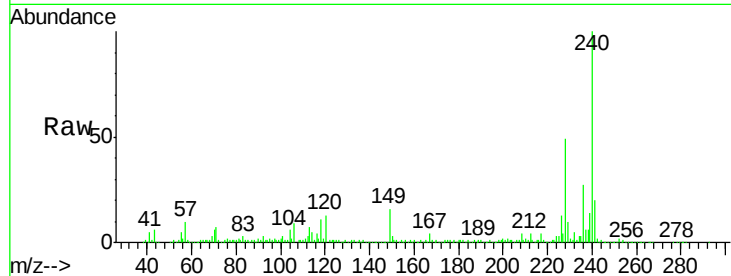
ClientSampleId :

NC-TS-005MS

Tgt Ion:	240	Resp:	324940
Ion Ratio		Lower	Upper
240	100		
120	13.2	10.6	16.0
236	26.6	21.6	32.4

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#76

Benzidine

Concen: 2.66 ng

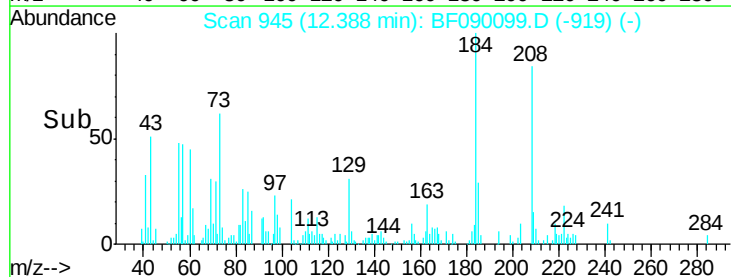
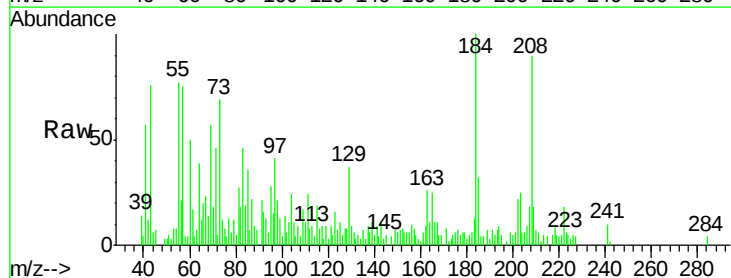
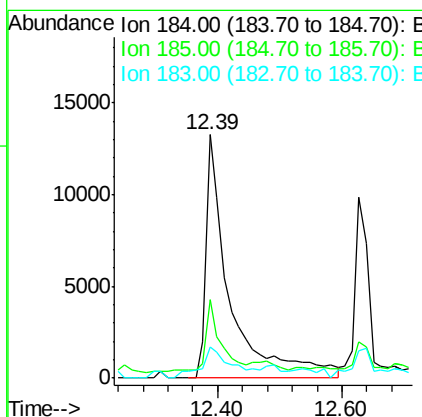
RT: 12.39 min Scan# 945

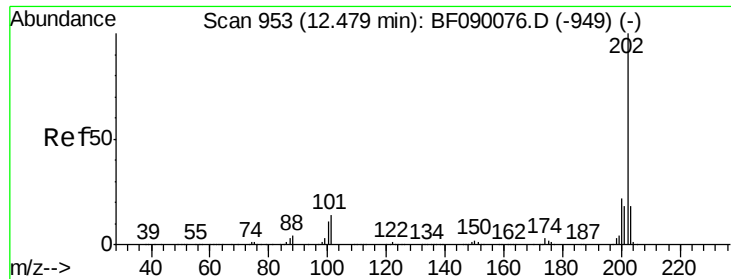
Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	184	Resp:	35215
Ion Ratio		Lower	Upper
184	100		
185	32.1	13.2	19.8#
183	12.8	9.2	13.8





#77

Pyrene

Concen: 50.57 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

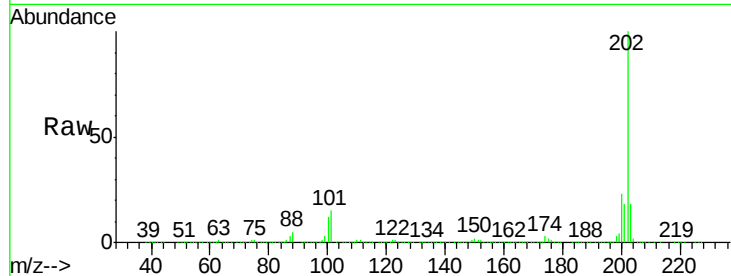
ClientSampleId :

NC-TS-005MS

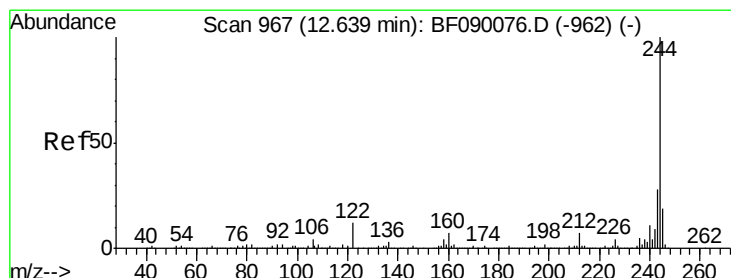
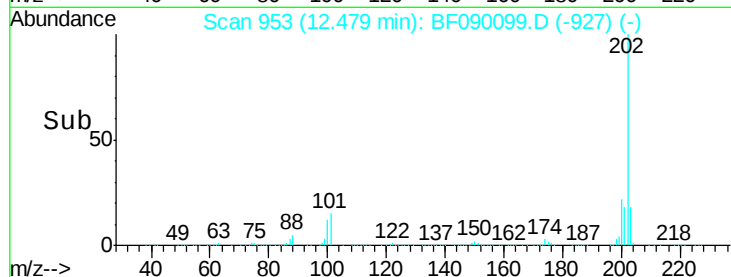
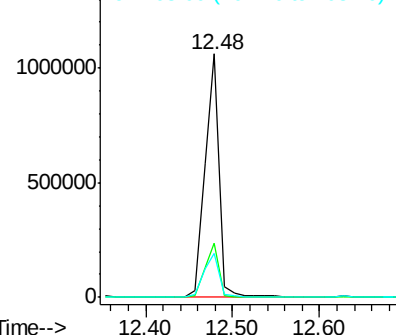
Tgt Ion:	202	Resp:	1199341
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.9	26.9
203	18.1	14.2	21.4

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



#78

Terphenyl-d14

Concen: 72.37 ng

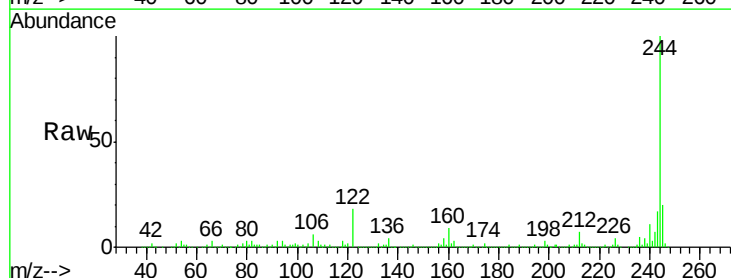
RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

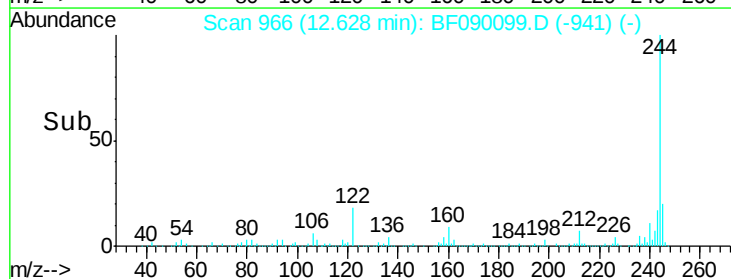
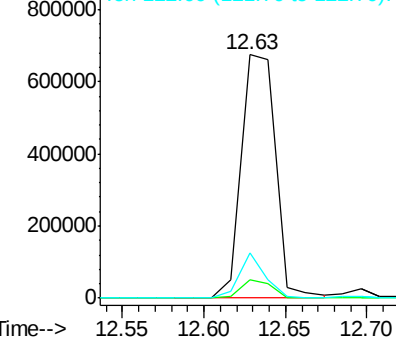
Lab File: BF090099.D

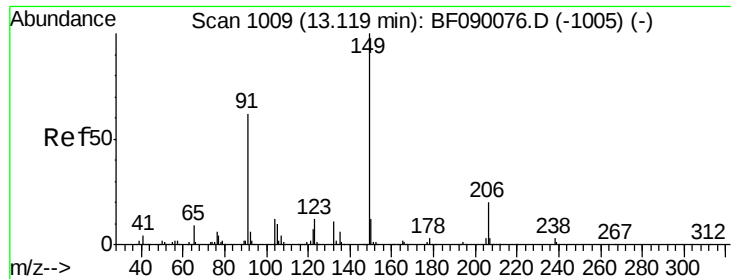
Acq: 15 Sep 2016 18:44

Tgt Ion:	244	Resp:	990167
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	18.5	9.4	14.0#



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





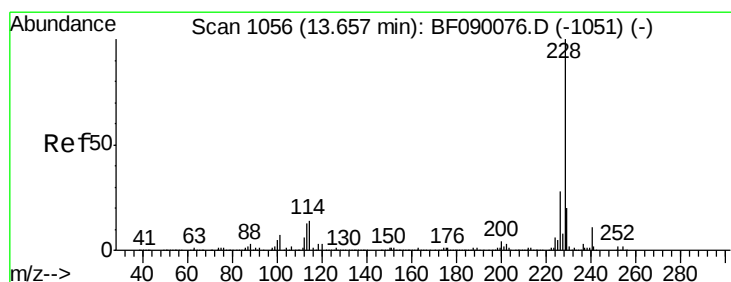
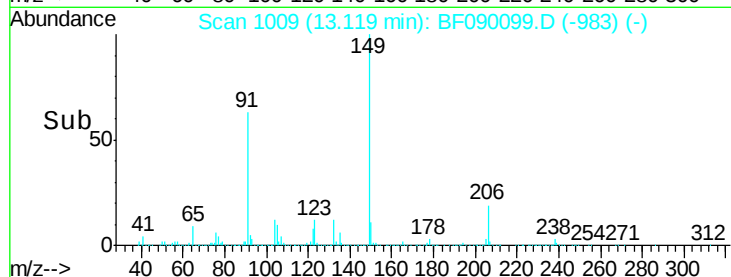
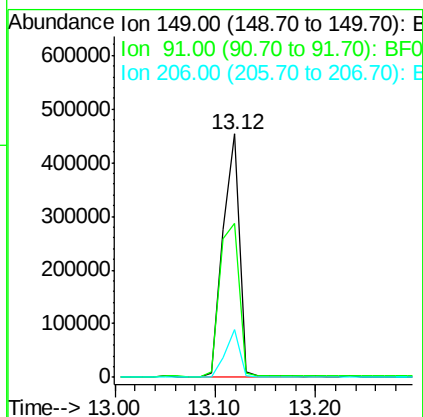
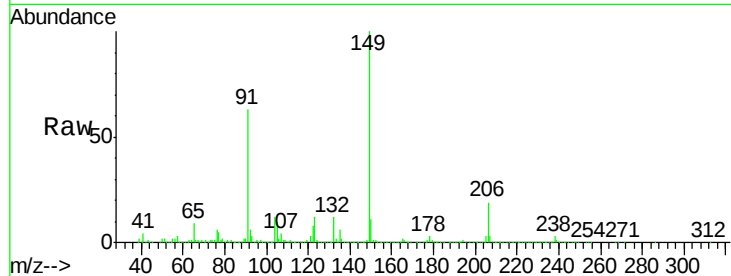
#79
Butylbenzylphthalate
Concen: 43.80 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.3	49.8	74.6
206	19.4	16.3	24.5

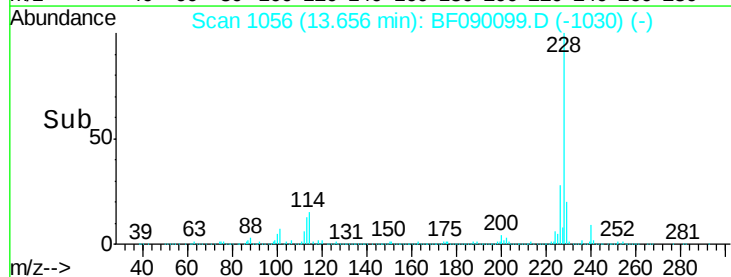
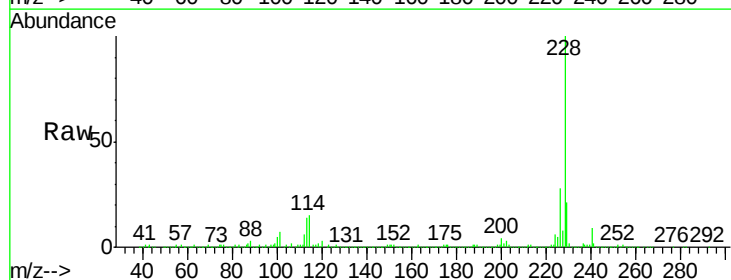
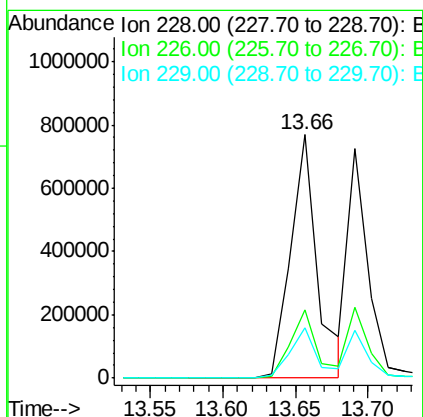
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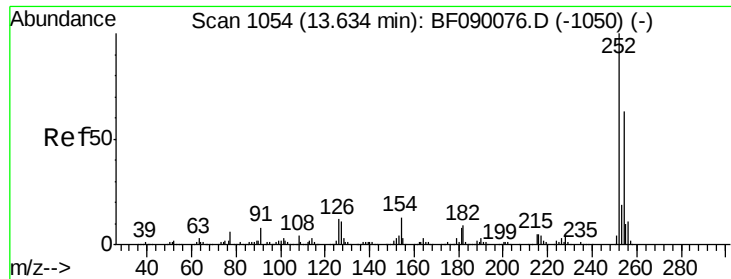
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#80
Benzo(a)anthracene
Concen: 51.49 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	20.5	16.2	24.2





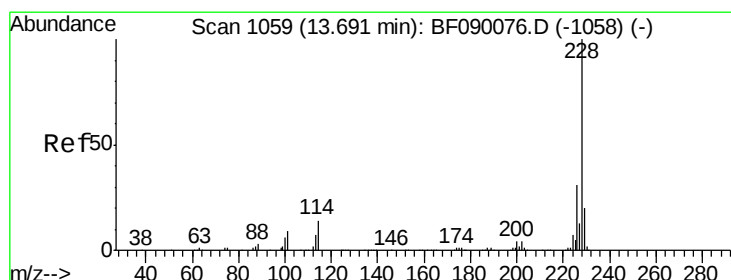
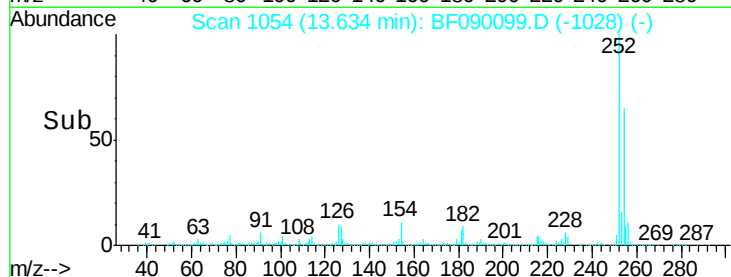
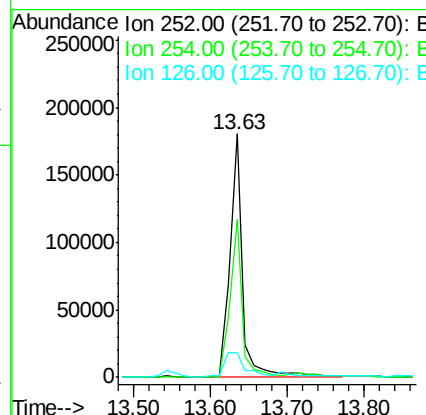
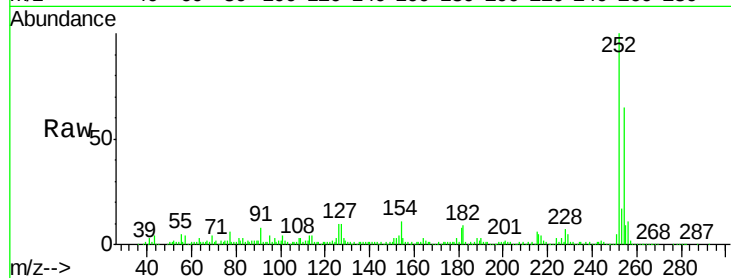
#81
 3,3'-Dichlorobenzidine
 Concen: 26.19 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	10.4	9.2	13.8

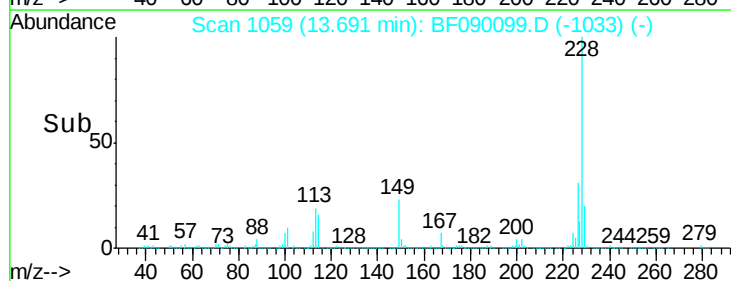
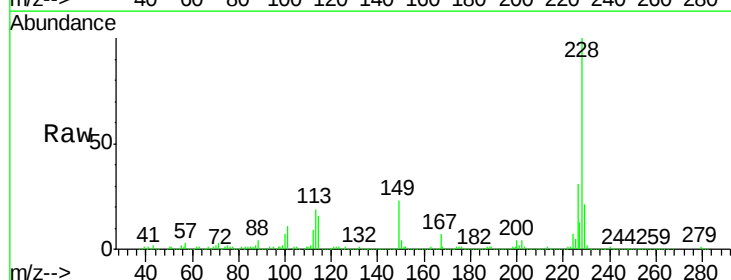
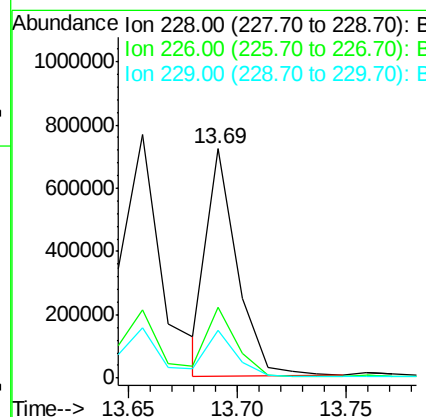
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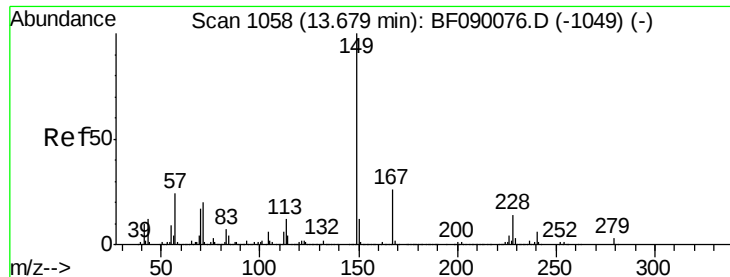
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#82
 Chrysene
 Concen: 38.63 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.7	16.2	24.4





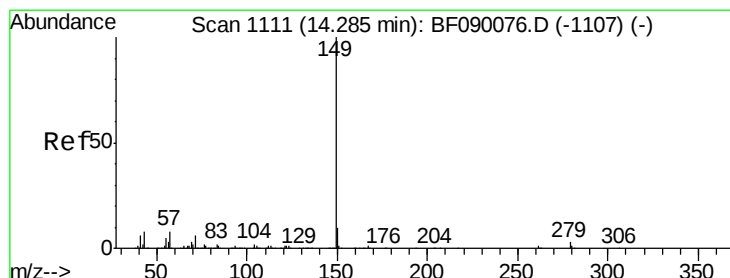
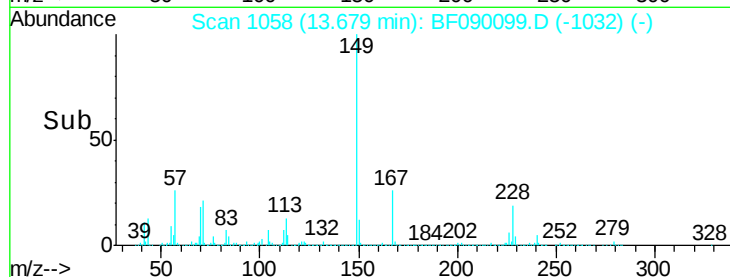
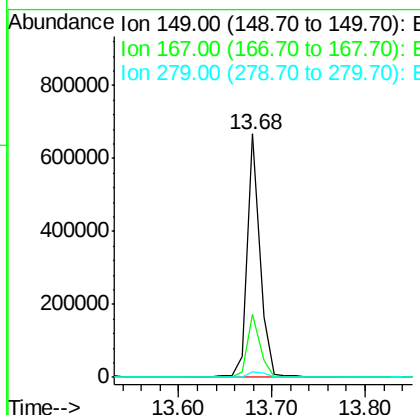
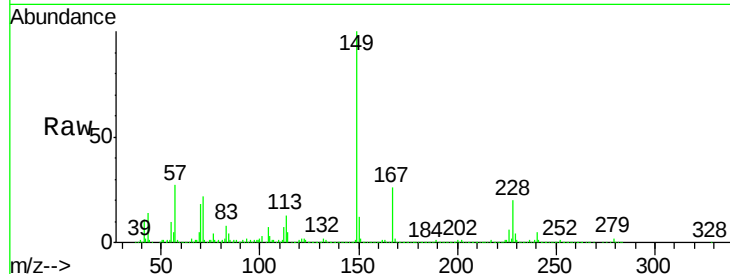
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.27 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	2.4	2.2	3.2

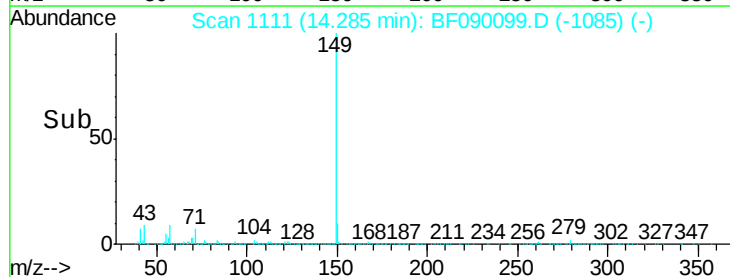
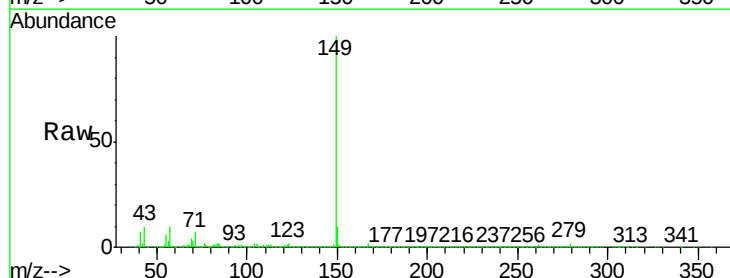
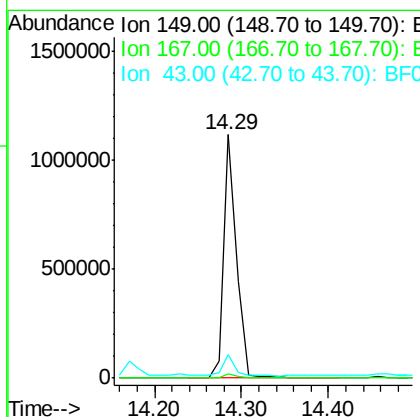
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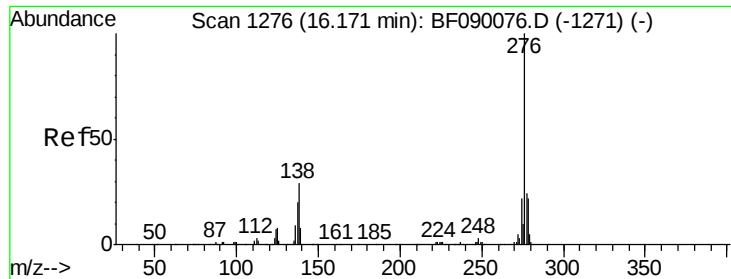
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#84
 Di-n-octyl phthalate
 Concen: 43.73 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.8	10.2





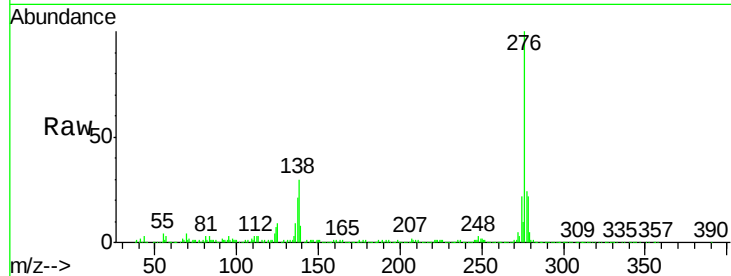
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.17 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

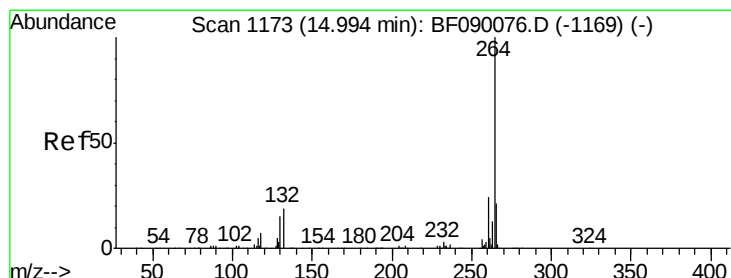
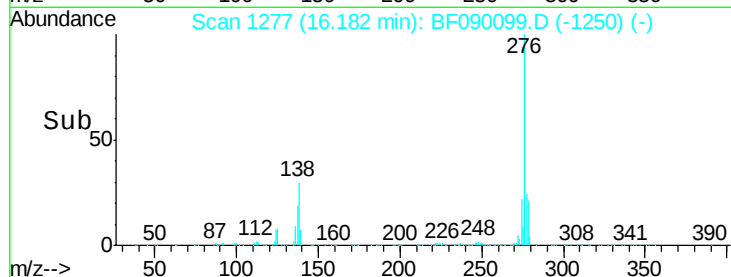
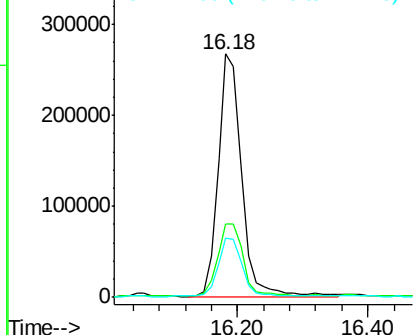
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.9	38.9
277	24.9	19.9	29.9

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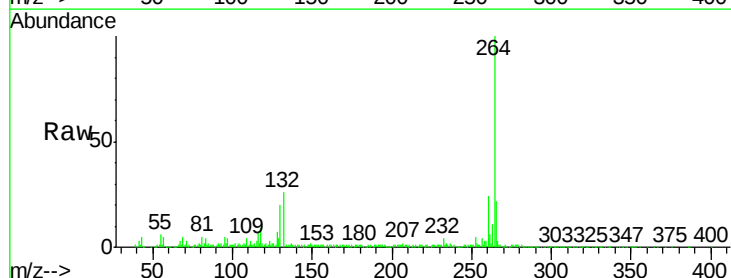


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

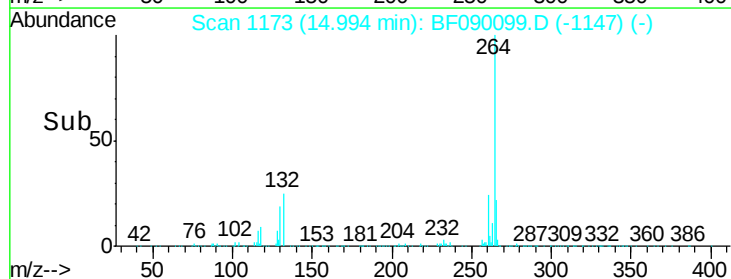
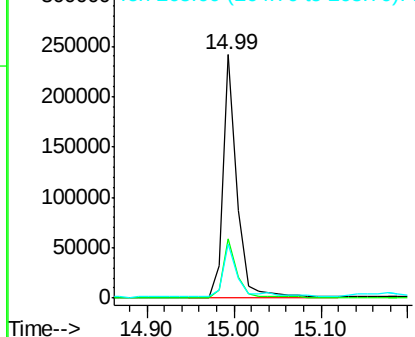


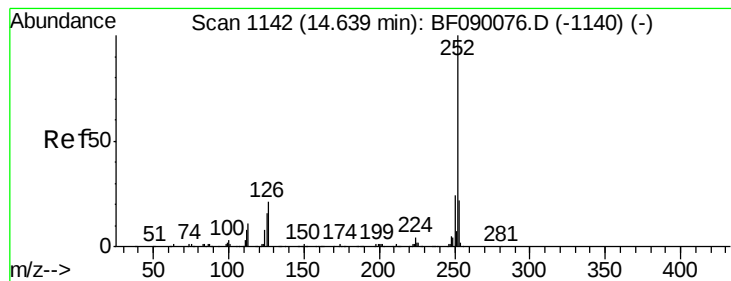
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 59.93 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

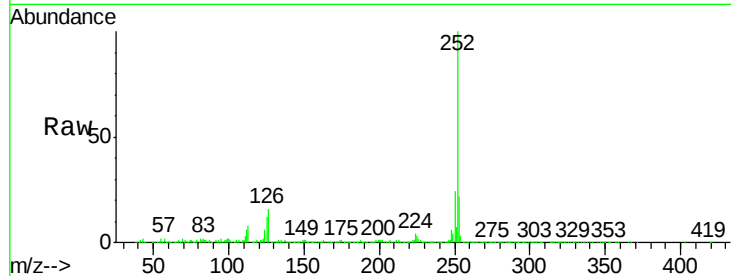
ClientSampleId :

NC-TS-005MS

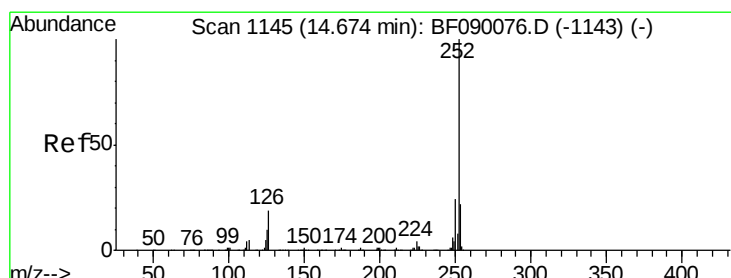
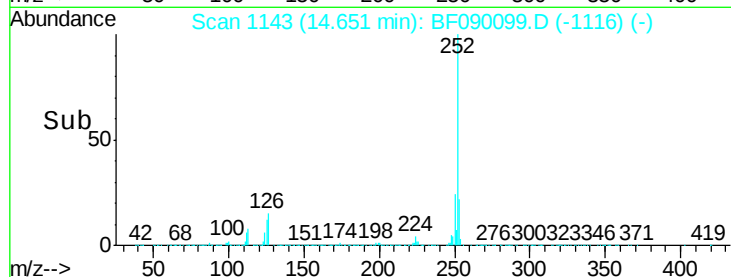
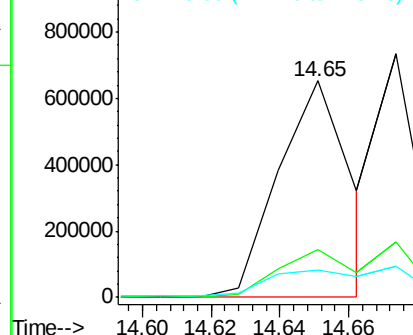
Tgt Ion:	252	Resp:	949007
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.4	12.7	19.1#

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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: 42.83 ng m

RT: 14.67 min Scan# 1145

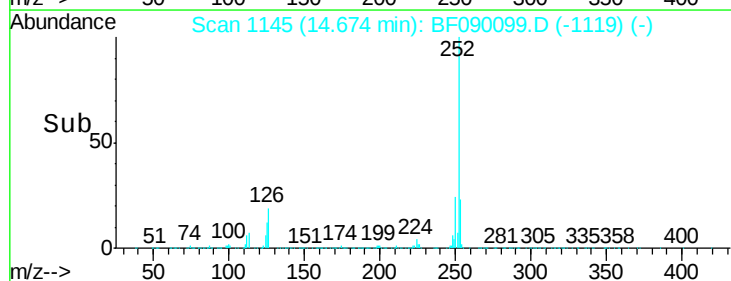
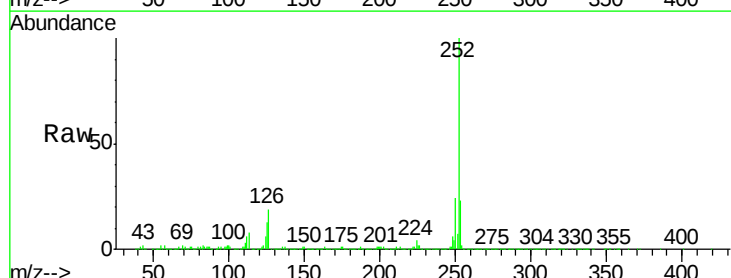
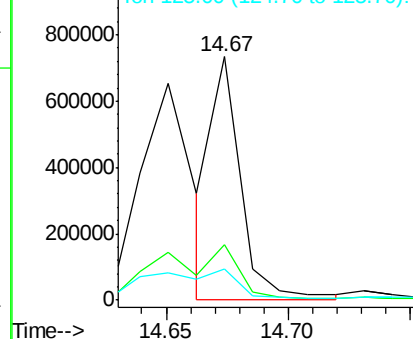
Delta R.T. -0.00 min

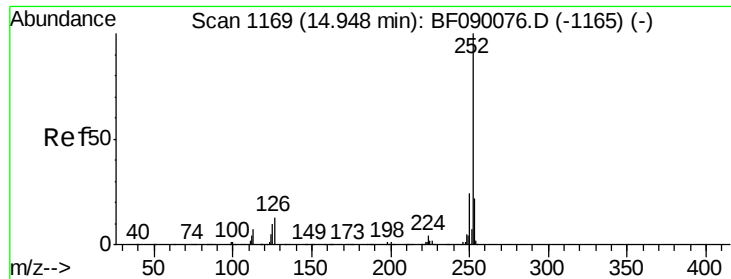
Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:	252	Resp:	610577
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	12.8	7.8	11.6#

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





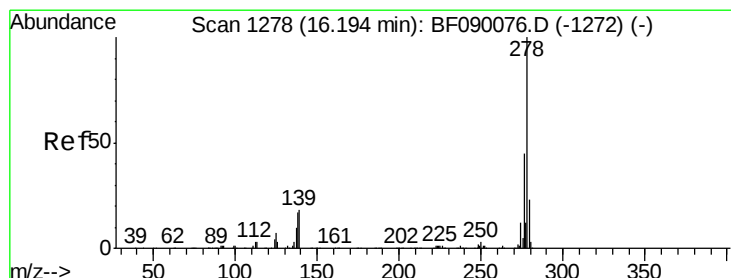
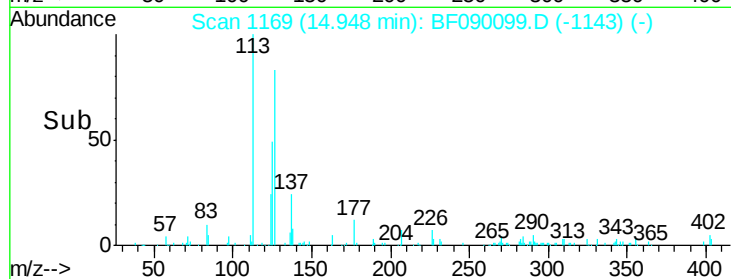
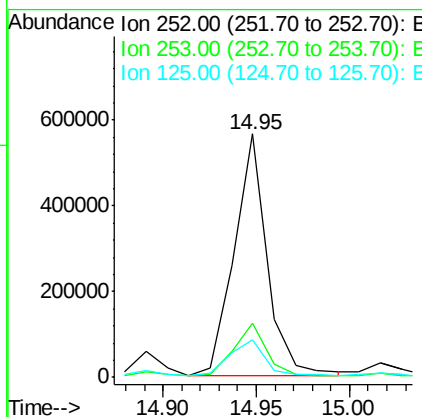
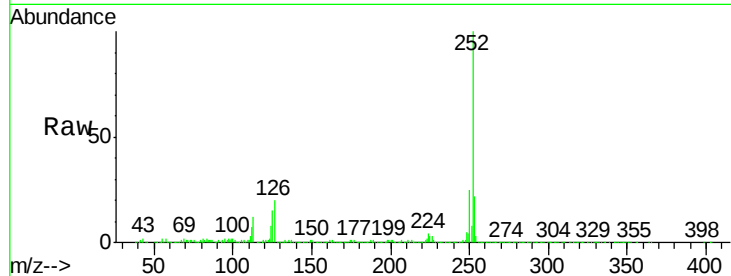
#89
Benzo(a)pyrene
Concen: 49.10 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.4	26.0
125	15.4	7.7	11.5

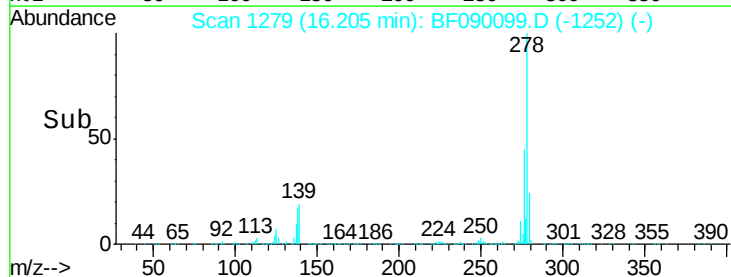
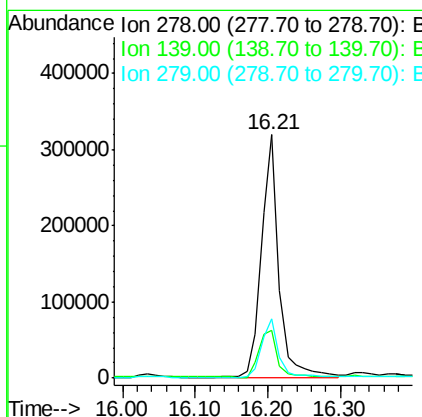
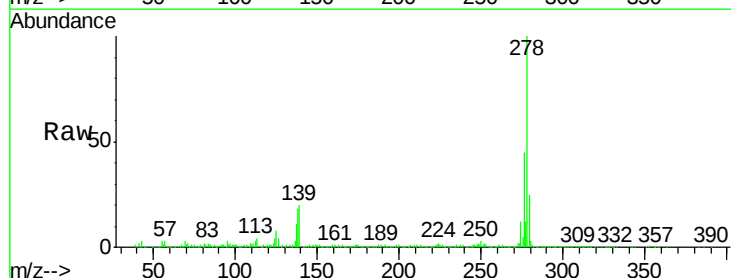
Manual Integrations
APPROVED

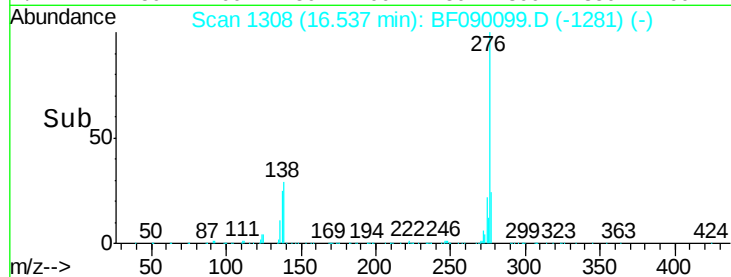
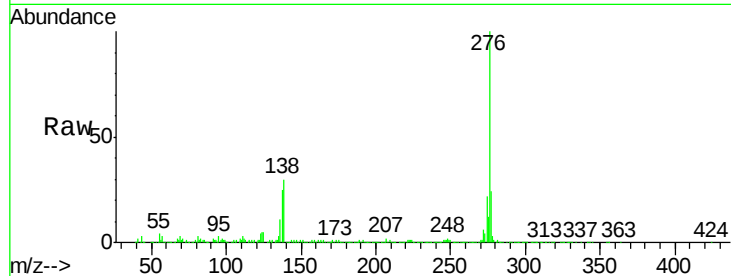
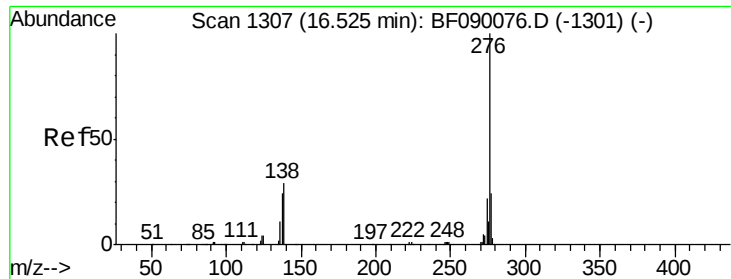
sohil
9/20/2016 6:49:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.05 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.5	14.6	21.8
279	24.5	18.8	28.2





#91

Benzo(g,h,i)perylene

Concen: 52.07 ng

RT: 16.54 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion: 276 Resp: 552628

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 29.6 23.3 34.9

Manual Integrations
APPROVED

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