

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090706.D
 Acq On : 21 Oct 2016 11:53
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

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 10/24/2016 3:51:03 PM

Quant Time: Oct 21 14:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 14:20:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	157477	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	696968	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	298978	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	436471	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	332603	20.00	ng	0.00
86) Perylene-d12	15.45	264	256882	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	565260	51.31	ng	0.00
7) Phenol-d6	6.49	99	731364	56.68	ng	-0.01
23) Nitrobenzene-d5	7.42	82	712750	63.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	113368	49.88	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1021940	40.38	ng	-0.01
78) Terphenyl-d14	12.97	244	765971	45.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	144649	33.92	ng	89
3) Pyridine	3.18	79	361987	32.91	ng	# 81
4) n-Nitrosodimethylamine	3.13	42	111047	22.77	ng	89
6) Aniline	6.52	93	413607	26.15	ng	# 82
8) 2-Chlorophenol	6.63	128	310993	26.47	ng	# 72
9) Benzaldehyde	6.41	77	192500	46.12	ng	# 75
10) Phenol	6.51	94	384154	28.41	ng	# 39
11) bis(2-Chloroethyl)ether	6.59	93	355053	33.55	ng	97
12) 1,3-Dichlorobenzene	6.79	146	318033	25.07	ng	# 87
13) 1,4-Dichlorobenzene	6.87	146	341455	26.17	ng	# 91
14) 1,2-Dichlorobenzene	7.02	146	324332	26.74	ng	# 87
15) Benzyl Alcohol	7.00	79	266333	38.59	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	528533	26.08	ng	78
17) 2-Methylphenol	7.11	107	244935	29.75	ng	# 82
18) Hexachloroethane	7.37	117	135599	33.08	ng	88
19) n-Nitroso-di-n-propylamine	7.26	70	252008	38.78	ng	# 73
20) 3+4-Methylphenols	7.27	107	293813	26.89	ng	# 67
22) Acetophenone	7.26	105	408220	23.85	ng	# 73
24) Nitrobenzene	7.43	77	354638	32.88	ng	# 60
25) Isophorone	7.67	82	571043	26.79	ng	# 82
26) 2-Nitrophenol	7.75	139	144575	20.79	ng	# 31
27) 2,4-Dimethylphenol	7.80	122	251912	20.36	ng	# 81
28) bis(2-Chloroethoxy)methane	7.89	93	335861	23.48	ng	# 92
29) 2,4-Dichlorophenol	8.01	162	203522	20.88	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	249607	23.79	ng	97
31) Naphthalene	8.17	128	922023	22.90	ng	98
32) Benzoic acid	7.90	122	139735	17.22	ng	# 61
33) 4-Chloroaniline	8.21	127	331458	21.44	ng	# 82
34) Hexachlorobutadiene	8.28	225	128413	28.99	ng	96
35) Caprolactam	8.57	113	58129	16.59	ng	# 71
36) 4-Chloro-3-methylphenol	8.69	107	233786	26.81	ng	# 71
37) 2-Methylnaphthalene	8.85	142	498459	20.63	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	228695	27.24	ng	# 97
40) Hexachlorocyclopentadiene	9.01	237	99097	20.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133172	24.07	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	132824	23.04	nq #	83
45) 1,1'-Biphenyl	9.32	154	682455	23.57	nq	93
46) 2-Chloronaphthalene	9.34	162	495743	25.27	nq #	90
47) 2-Nitroaniline	9.43	65	161134	31.21	nq #	48
48) Acenaphthylene	9.75	152	739303	21.31	nq	96
49) Dimethylphthalate	9.62	163	516535	25.71	nq #	97
50) 2,6-Dinitrotoluene	9.67	165	98756	21.02	nq #	1
51) Acenaphthene	9.93	154	462649	21.58	nq	89
52) 3-Nitroaniline	9.86	138	122648	20.98	nq #	68
53) 2,4-Dinitrophenol	9.96	184	34710	13.48	nq #	26
54) Dibenzofuran	10.10	168	571546	21.08	nq #	79
55) 4-Nitrophenol	10.02	139	53240	11.33	nq #	30
56) 2,4-Dinitrotoluene	10.09	165	123990	21.45	nq #	91
57) Fluorene	10.44	166	489030	20.57	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	106865	24.68	nq #	92
59) Diethylphthalate	10.31	149	503040	24.98	nq	94
60) 4-Chlorophenyl-phenylether	10.44	204	224405	23.88	nq	91
61) 4-Nitroaniline	10.46	138	121264	20.64	nq #	41
62) Azobenzene	10.60	77	629076	34.11	nq	88
64) 4,6-Dinitro-2-methylphenol	10.49	198	57097	21.77	nq #	57
65) n-Nitrosodiphenylamine	10.55	169	389848	24.22	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	100517	24.89	nq	92
67) Hexachlorobenzene	10.99	284	122155	28.08	nq #	72
68) Atrazine	11.08	200	107095	28.93	nq	83
69) Pentachlorophenol	11.18	266	57322	20.78	nq	98
70) Phenanthrene	11.40	178	586392	21.78	nq	96
71) Anthracene	11.46	178	647515	24.26	nq	98
72) Carbazole	11.62	167	536954	21.80	nq	96
73) Di-n-butylphthalate	11.95	149	717951	24.41	nq #	98
74) Fluoranthene	12.59	202	575260	25.06	nq	97
76) Benzidine	12.71	184	203737	25.73	nq	97
77) Pyrene	12.82	202	581673	22.03	nq	96
79) Butylbenzylphthalate	13.45	149	264916	21.86	nq	99
80) Benzo(a)anthracene	14.01	228	463733	23.16	nq	96
81) 3,3'-Dichlorobenzidine	13.97	252	165776	27.05	nq #	97
82) Chrysene	14.04	228	466387	23.99	nq	95
83) Bis(2-ethylhexyl)phthalate	14.01	149	408711	23.79	nq #	93
84) Di-n-octyl phthalate	14.61	149	621431	24.19	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	426932	26.25	nq #	94
87) Benzo(b)fluoranthene	15.04	252	468521m	29.26	nq	
88) Benzo(k)fluoranthene	15.07	252	328417m	20.01	nq	
89) Benzo(a)pyrene	15.39	252	371374	24.72	nq #	92
90) Dibenzo(a,h)anthracene	16.88	278	372816	28.64	nq #	84
91) Benzo(g,h,i)perylene	17.28	276	359313	27.05	nq #	85

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

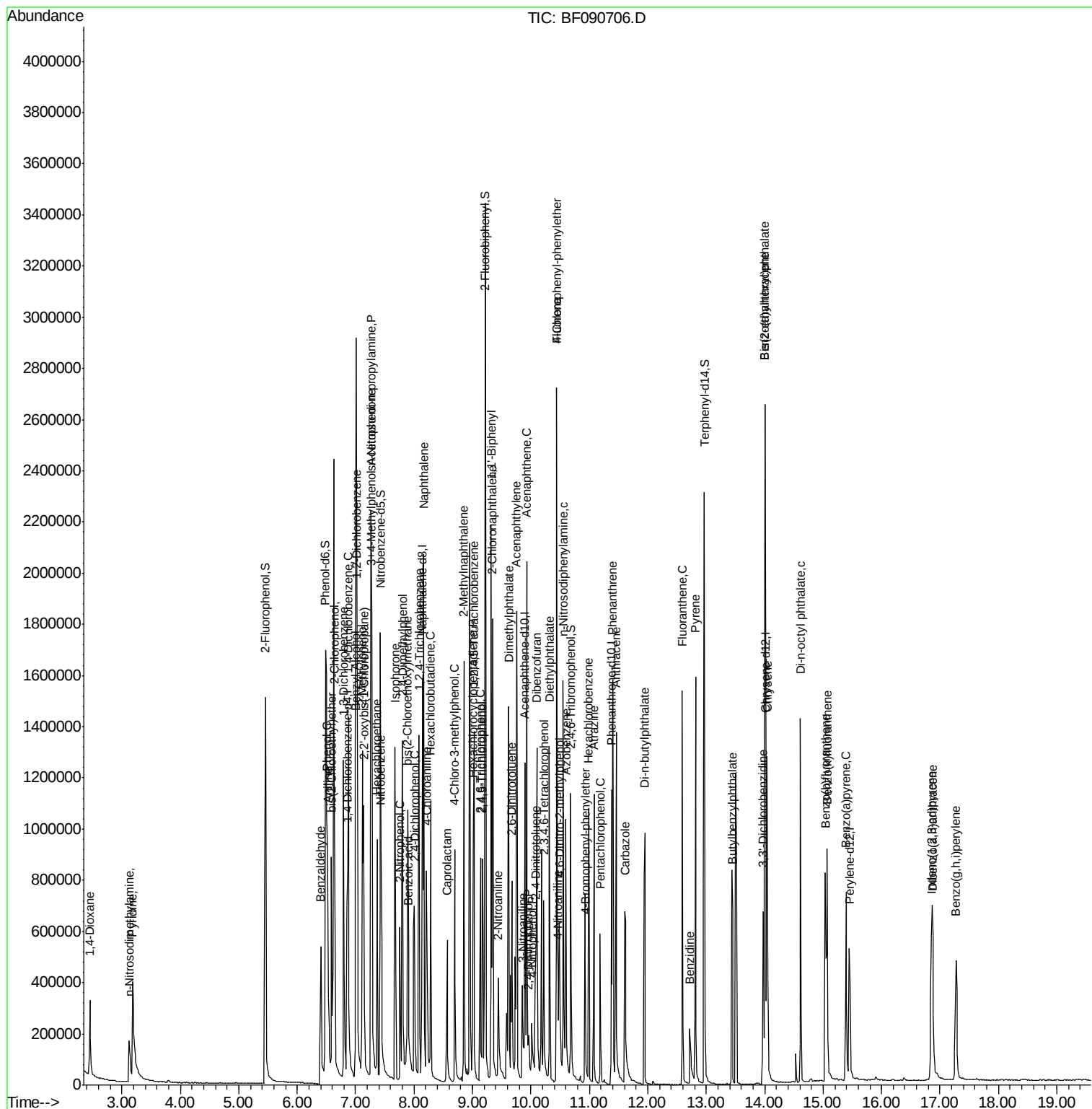
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\  
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Acq On    : 21 Oct 2016  11:53  
Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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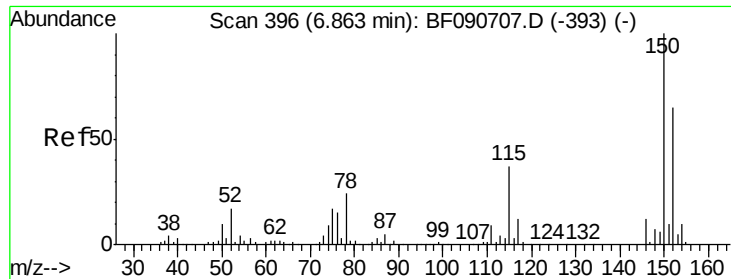
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

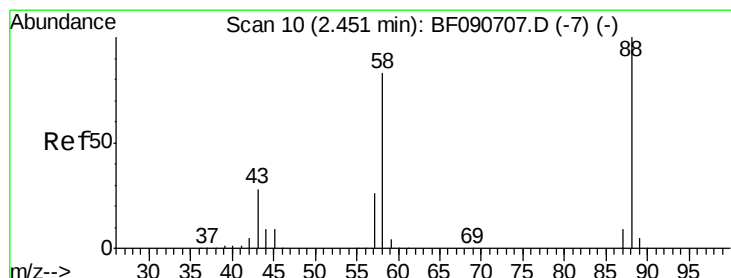
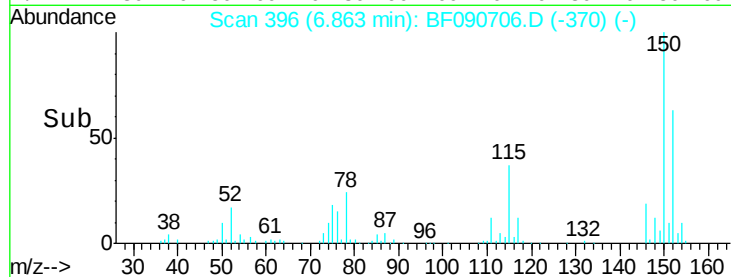
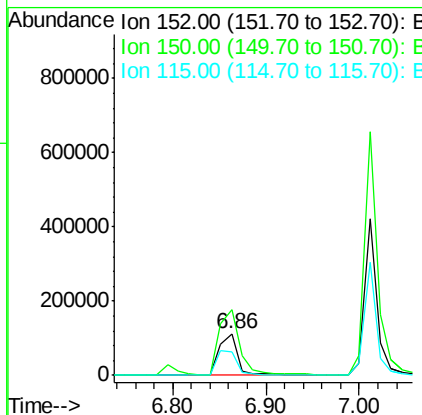
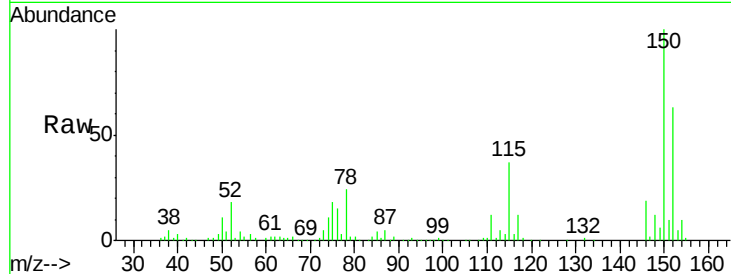
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	58.0	39.0	58.4

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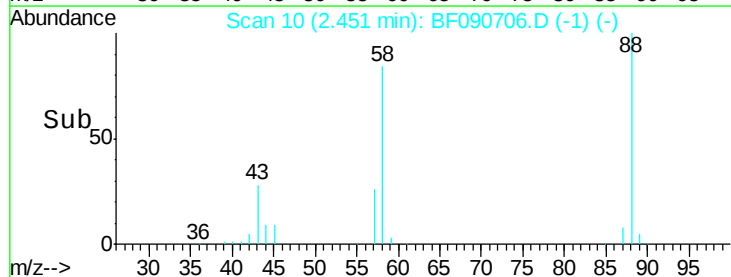
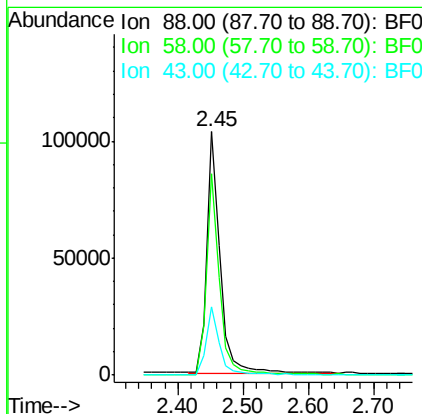
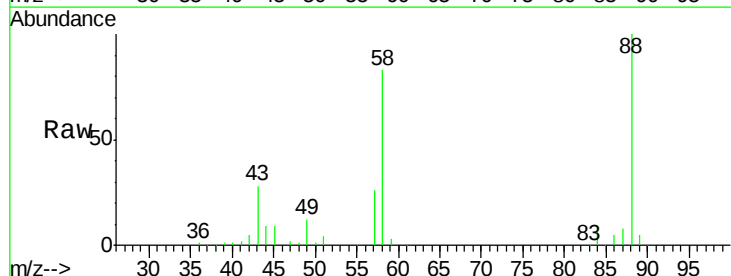
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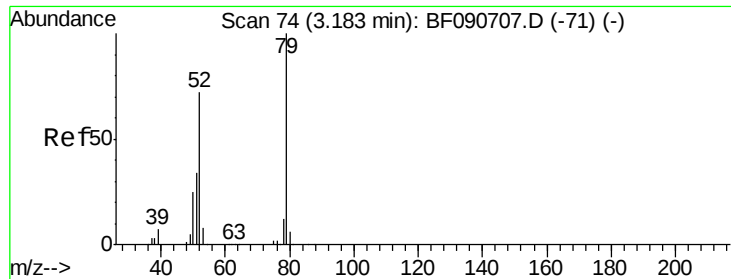


#2

1,4-Dioxane
Concen: 33.92 ng
RT: 2.45 min Scan# 10
Delta R.T. -0.03 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	77.7	116.5
43	30.5	26.6	40.0





#3

Pvridine

Concen: 32.91 ng

RT: 3.18 min Scan# 74

Delta R.T. -0.02 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

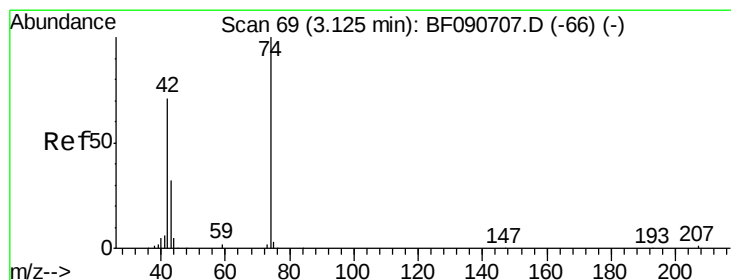
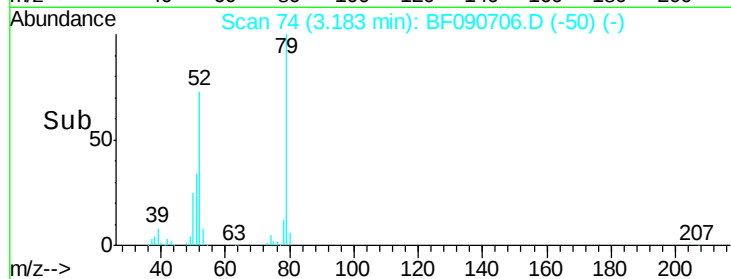
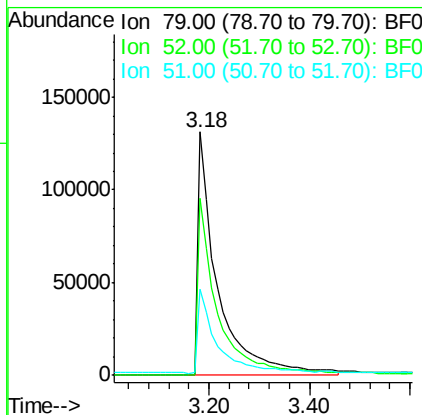
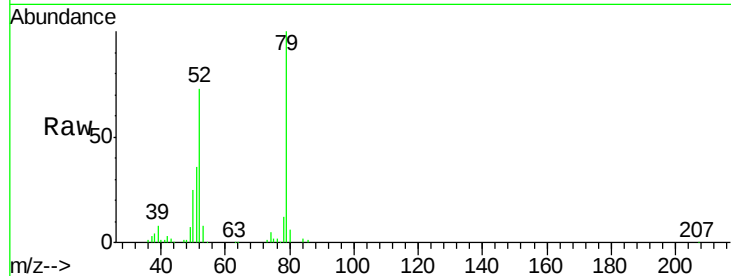
ClientSampleId :

SSTDIC025

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	72.7	76.8	115.2#	
51	35.6	32.2	48.4	

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#4

n-Nitrosodimethylamine

Concen: 22.77 ng

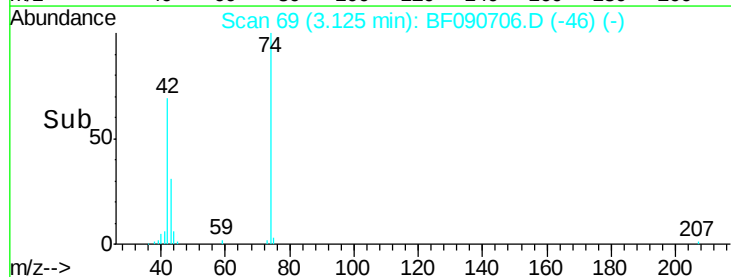
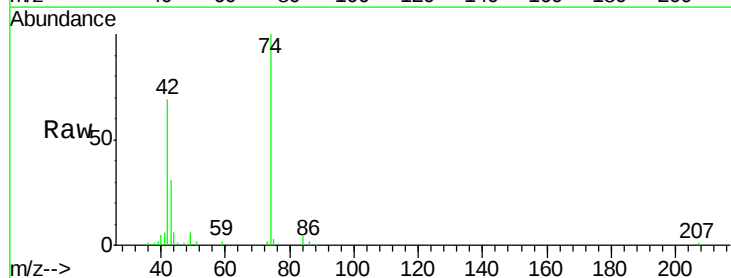
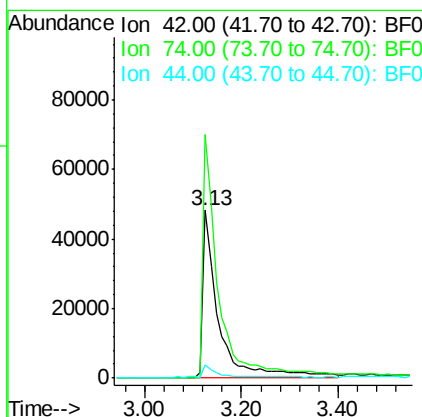
RT: 3.13 min Scan# 69

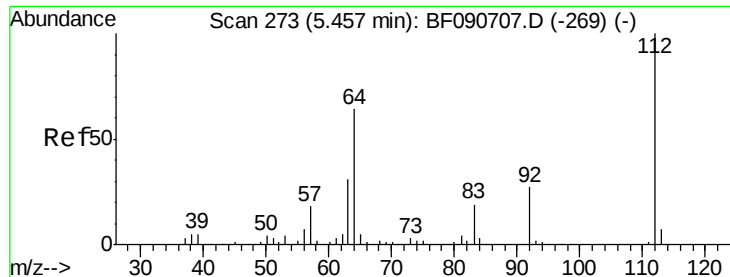
Delta R.T. -0.03 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	145.4	105.0	157.6	
44	8.0	6.6	10.0	





#5

2-Fluorophenol

Concen: 51.31 ng

RT: 5.46 min Scan# 273

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

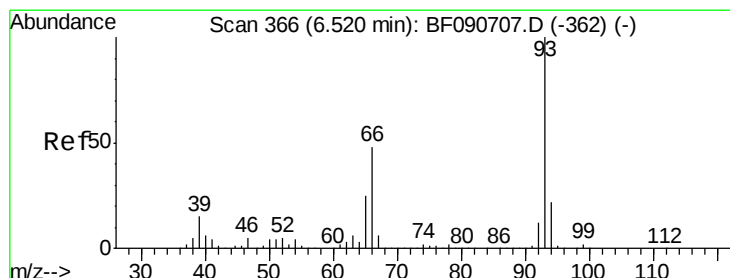
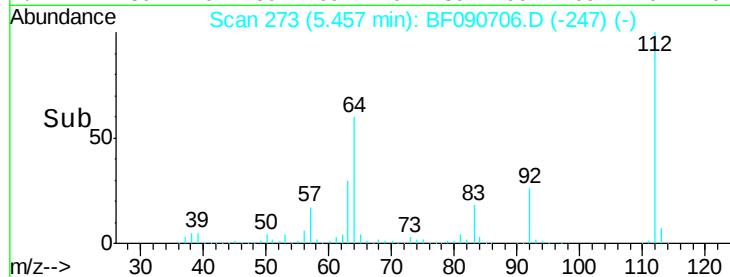
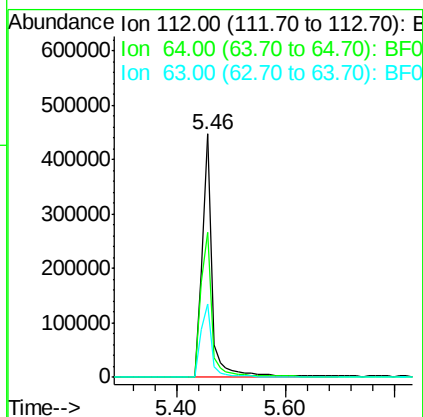
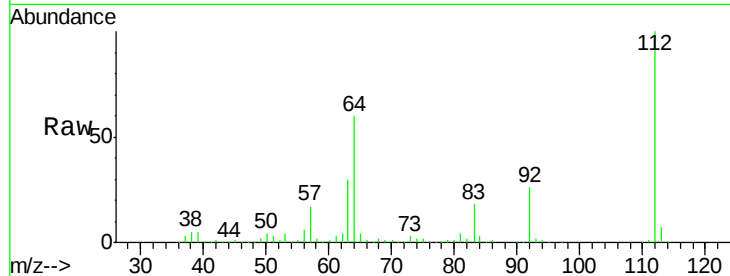
ClientSampleId :

SSTDICC025

Tot Ion:	112	Resp:	565260
Ion Ratio	Lower	Upper	
112	100		
64	59.8	39.7	59.5#
63	29.9	17.4	26.0#

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#6

Aniline

Concen: 26.15 ng

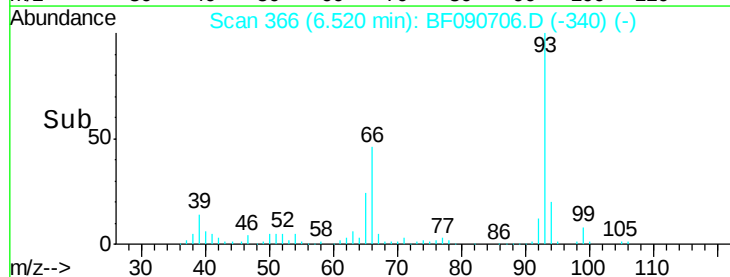
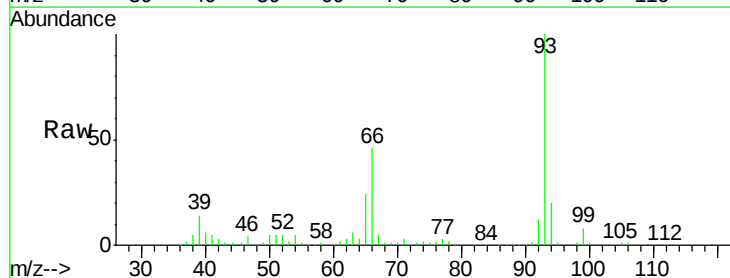
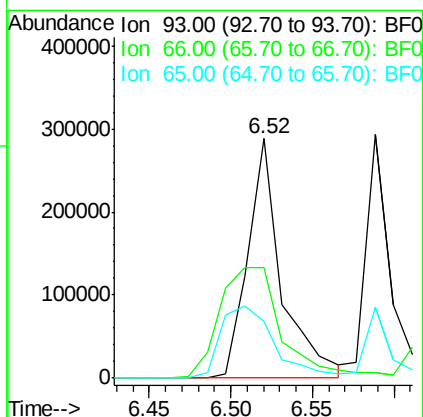
RT: 6.52 min Scan# 366

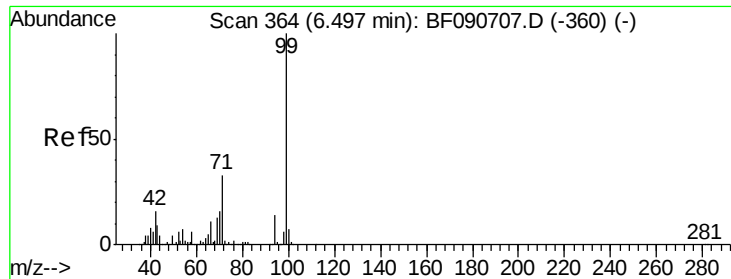
Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	93	Resp:	413607
Ion Ratio	Lower	Upper	
93	100		
66	46.1	27.2	40.8#
65	23.7	14.7	22.1#





#7

Phenol-d6

Concen: 56.68 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

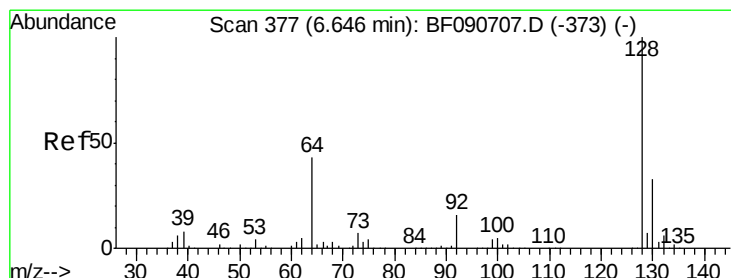
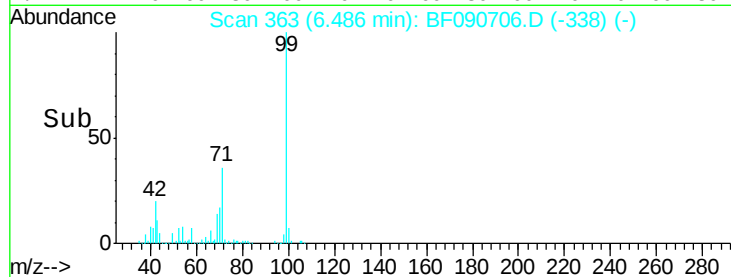
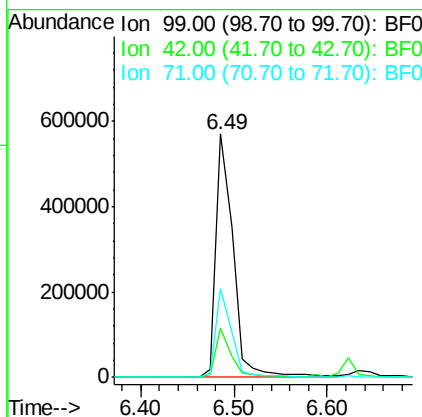
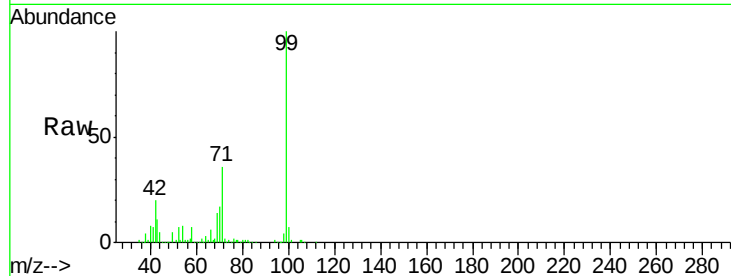
ClientSampleId :

SSTDIC025

Tot Ion:	99	Resp:	731364
Ion Ratio	Lower	Upper	
99	100		
42	19.9	13.7	20.5
71	36.4	14.2	21.2#

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#8

2-Chlorophenol

Concen: 26.47 ng

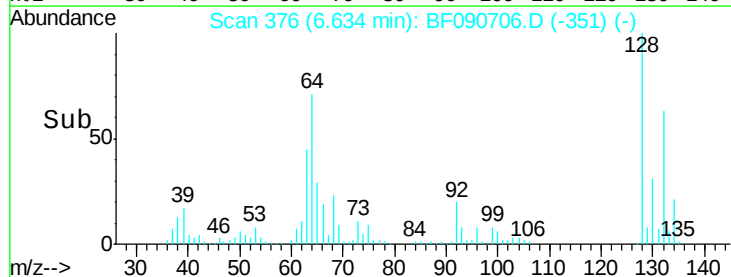
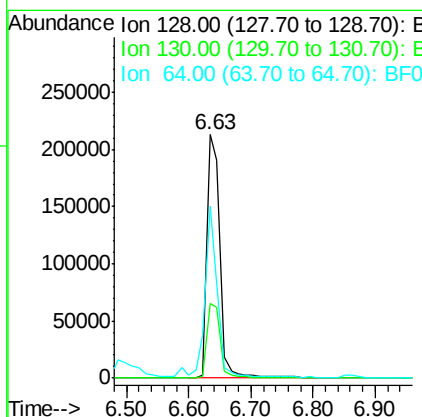
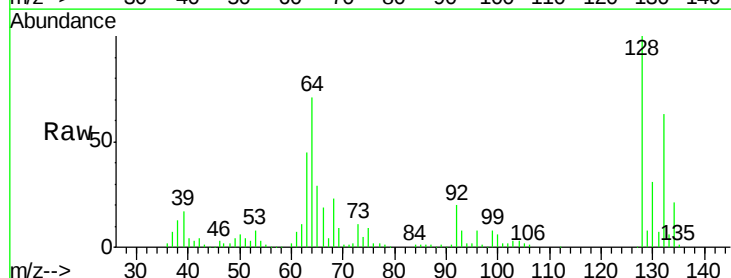
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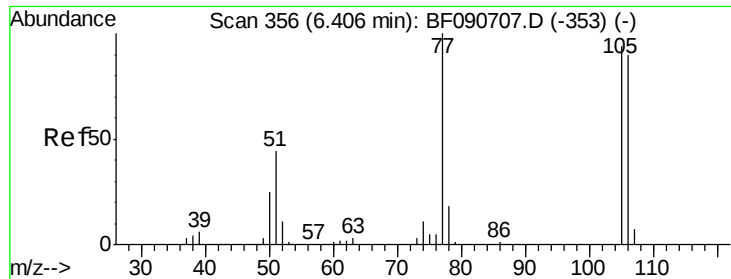
Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	128	Resp:	310993
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.2	52.2
64	70.8	20.5	60.5#





#9

Benzaldehyde

Concen: 46.12 ng

RT: 6.41 min Scan# 356

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 192500

Ion Ratio Lower Upper

77 100

105 93.7 91.6 131.6

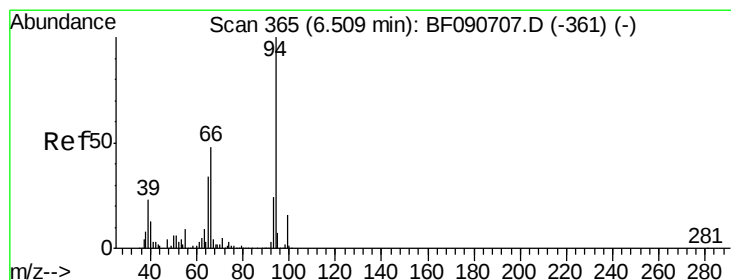
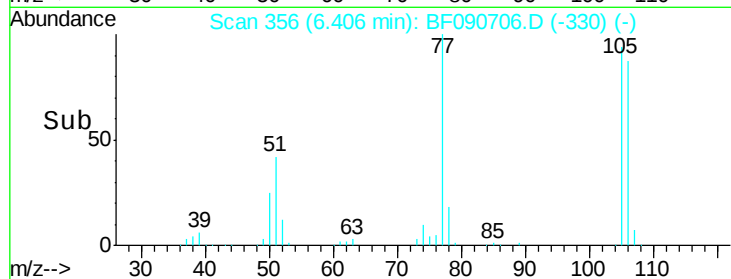
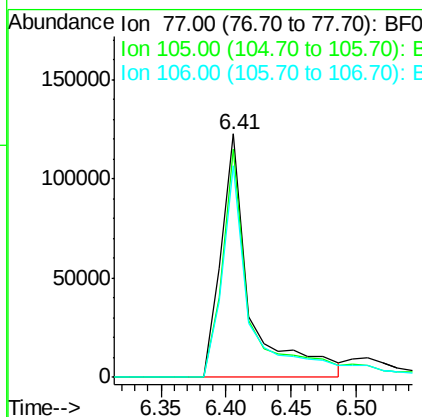
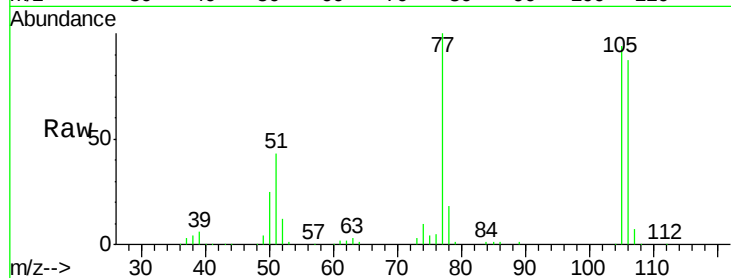
106 87.0 102.6 142.6#

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#10

Phenol

Concen: 28.41 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

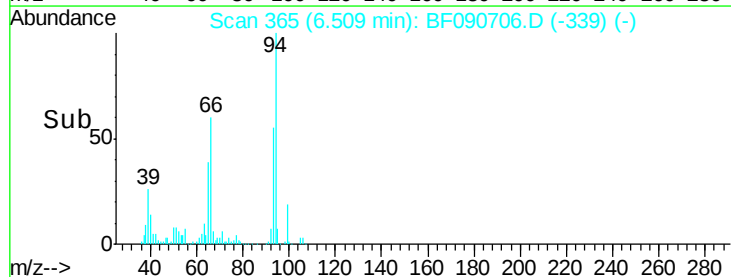
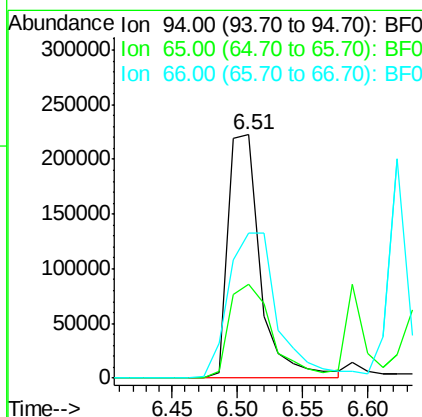
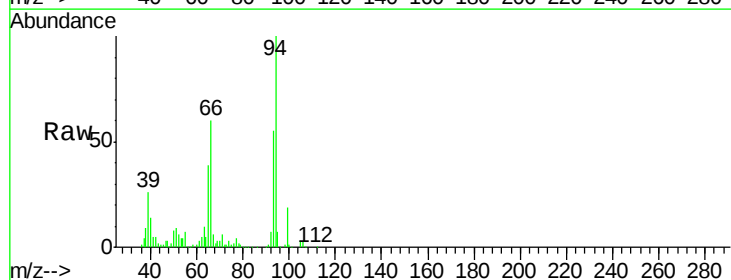
Tgt Ion: 94 Resp: 384154

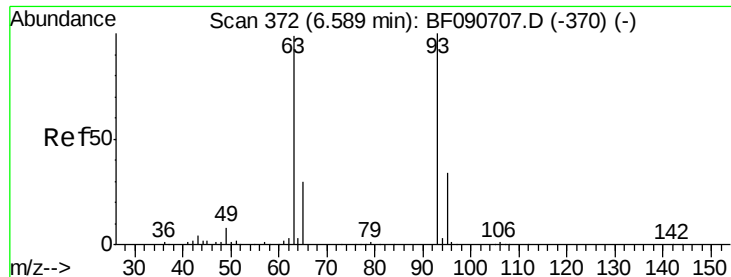
Ion Ratio Lower Upper

94 100

65 38.8 0.7 40.7

66 59.6 0.8 40.8#





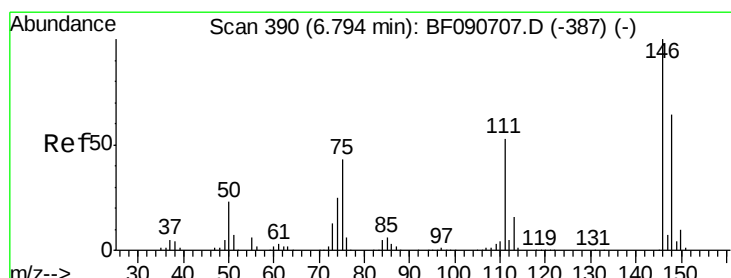
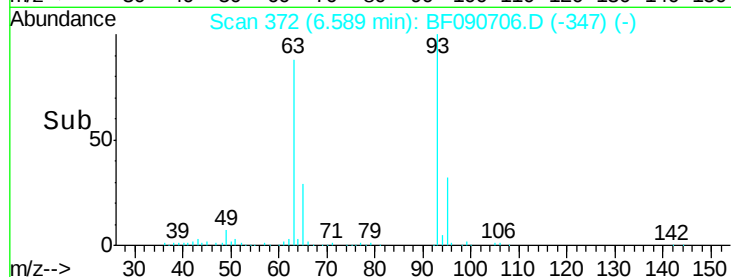
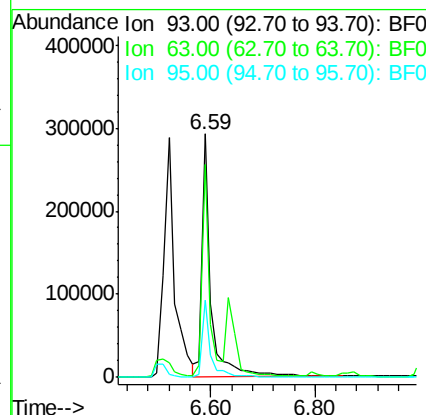
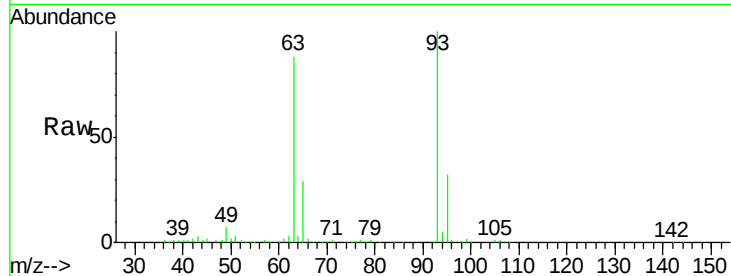
#11
bis(2-Chloroethyl)ether
Concen: 33.55 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	65.6	105.6
95	31.6	13.6	53.6

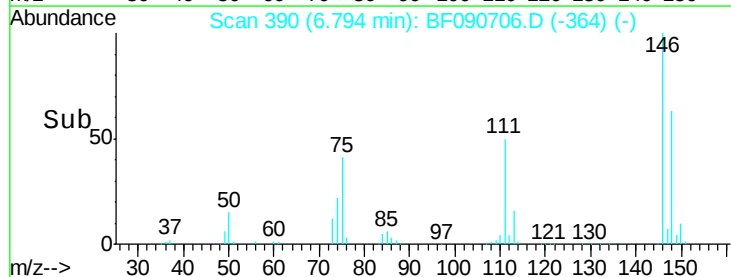
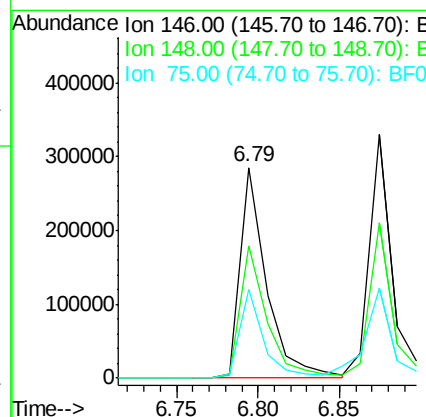
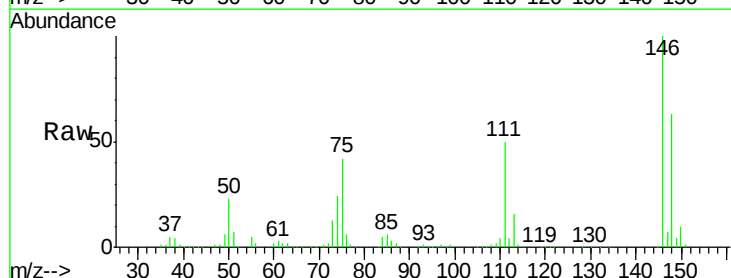
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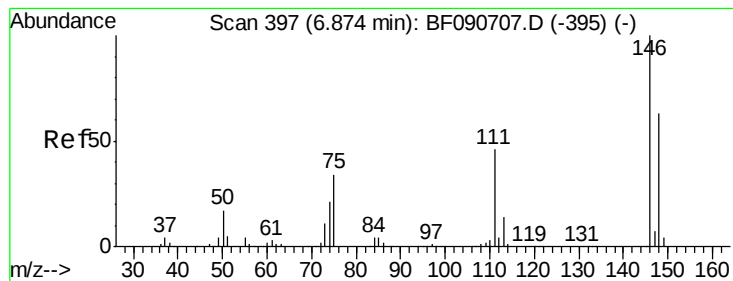
sohil
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#12
1,3-Dichlorobenzene
Concen: 25.07 ng
RT: 6.79 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
75	42.4	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 26.17 ng

RT: 6.87 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

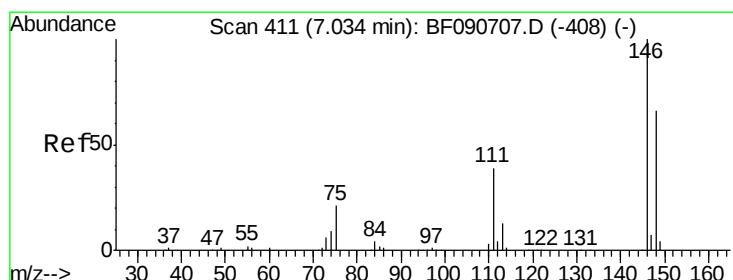
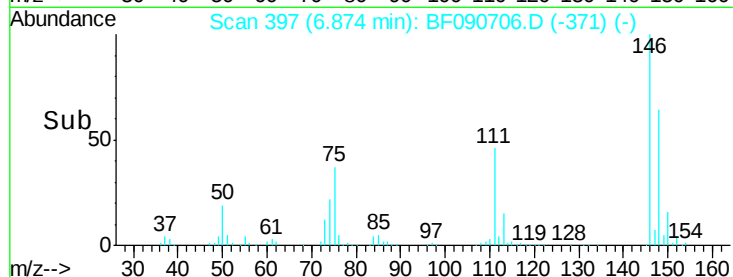
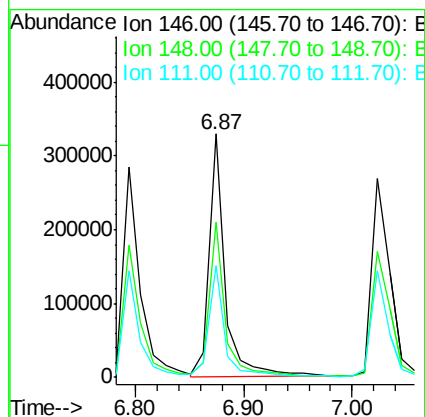
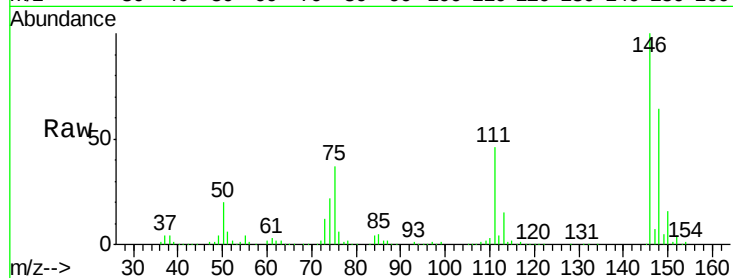
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	341455
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
111	45.7	24.9	37.3#

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#14

1,2-Dichlorobenzene

Concen: 26.74 ng

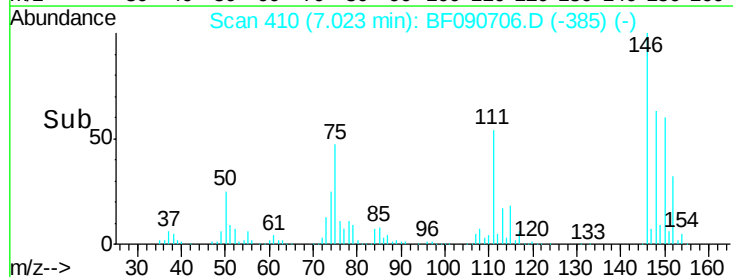
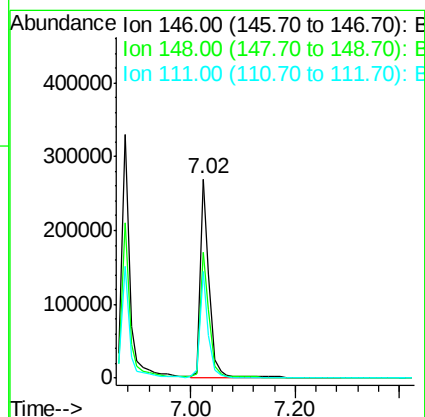
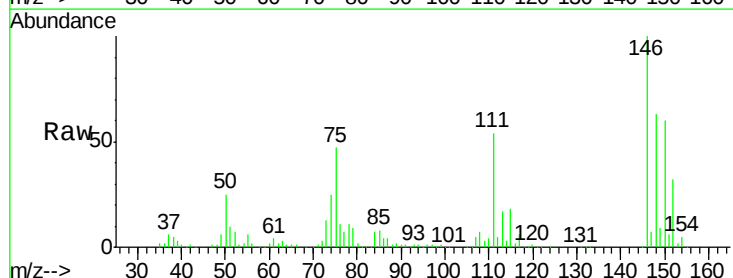
RT: 7.02 min Scan# 410

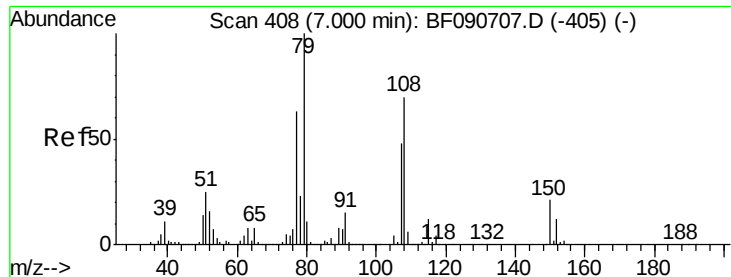
Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	146	Resp:	324332
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.7	79.1
111	53.7	28.8	43.2#





#15

Benzyl Alcohol

Concen: 38.59 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 266333

Ion Ratio Lower Upper

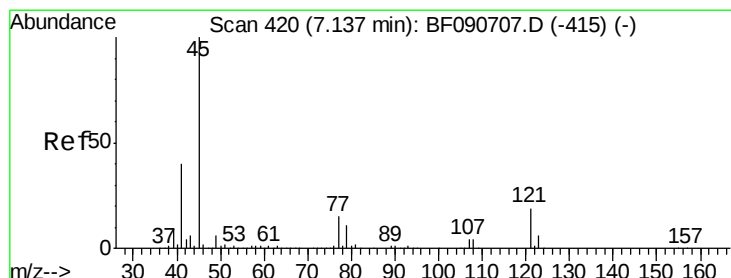
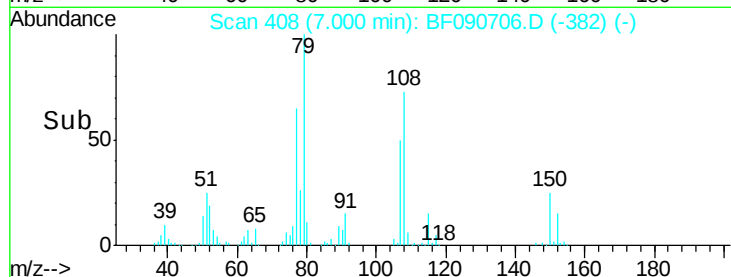
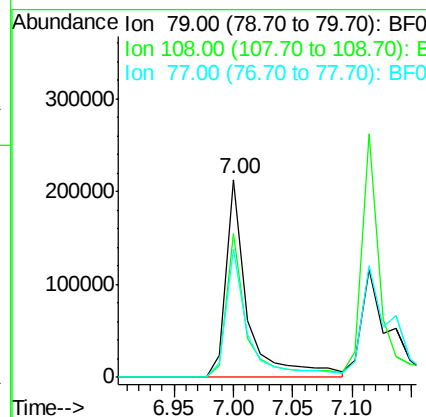
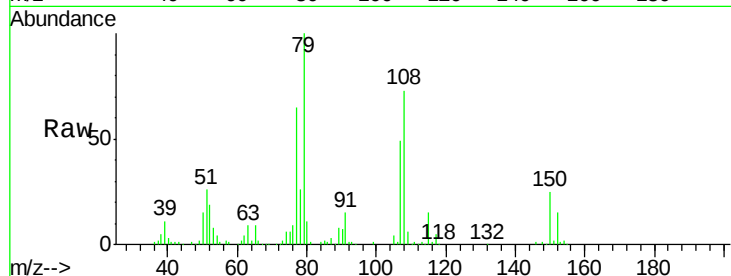
79 100

108 72.9 88.6 132.8#

77 65.0 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.08 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

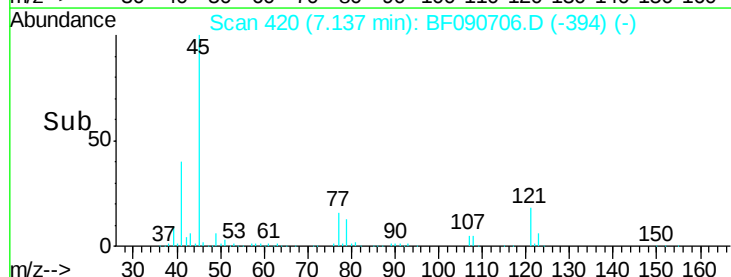
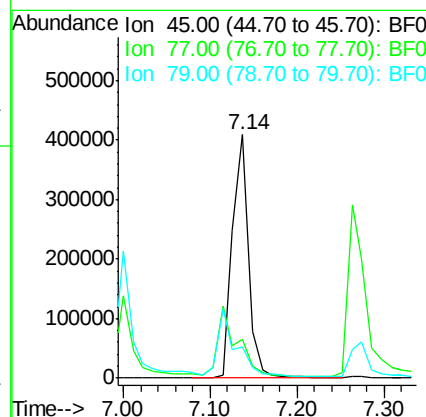
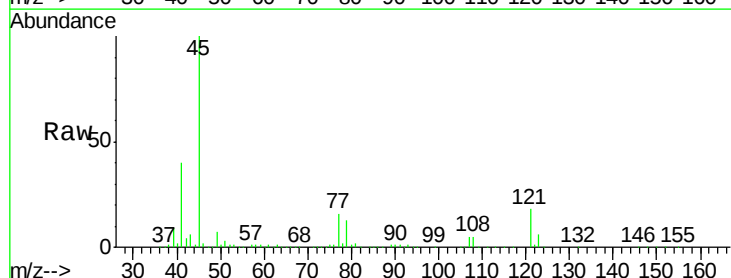
Tgt Ion: 45 Resp: 528533

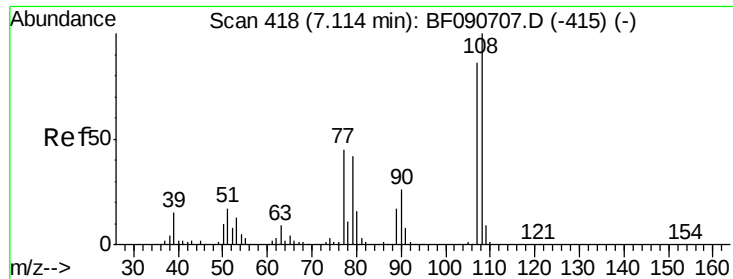
Ion Ratio Lower Upper

45 100

77 16.2 0.0 28.1

79 13.0 0.0 26.0





#17

2-Methylphenol

Concen: 29.75 ng

RT: 7.11 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

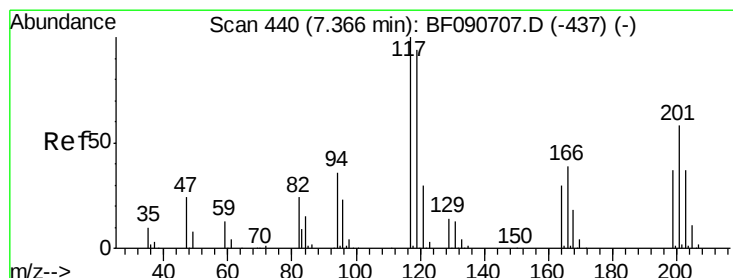
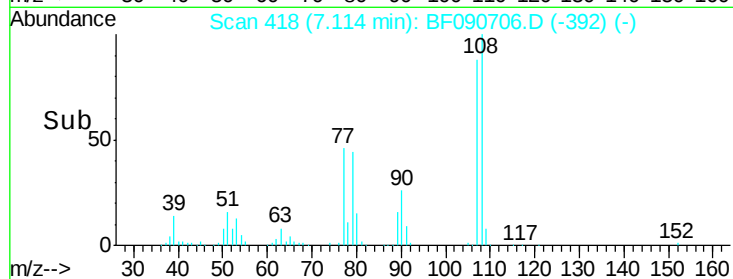
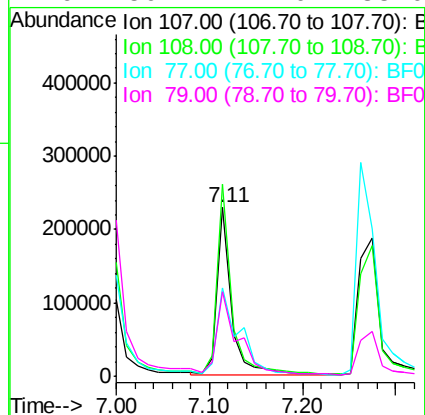
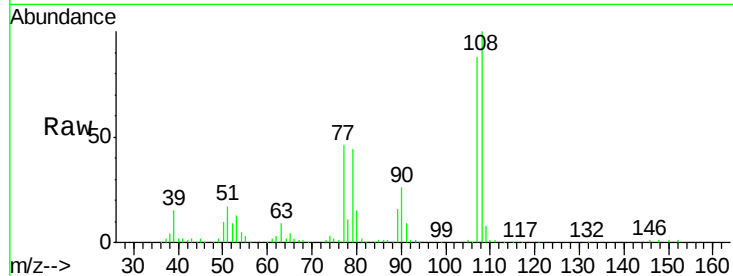
ClientSampleId :

SSTDIC025

Tot Ion:	107	Resp:	244935
Ion Ratio	Lower	Upper	
107	100		
108	113.9	96.6	145.0
77	52.4	23.3	34.9#
79	50.4	22.0	33.0#

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#18

Hexachloroethane

Concen: 33.08 ng

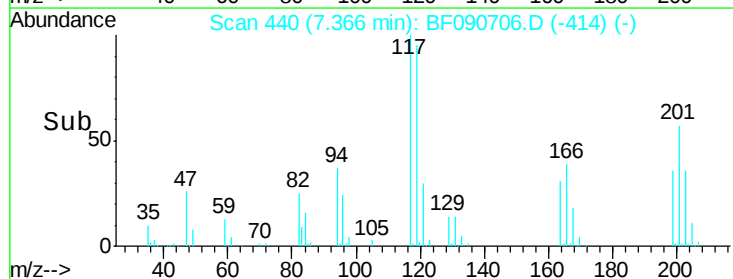
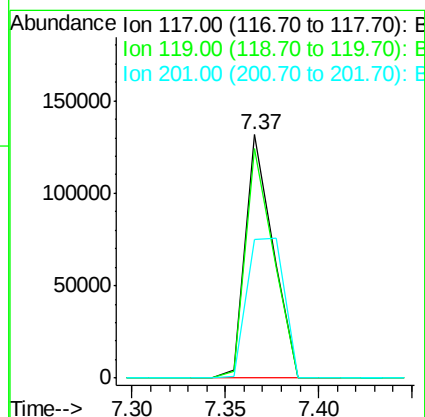
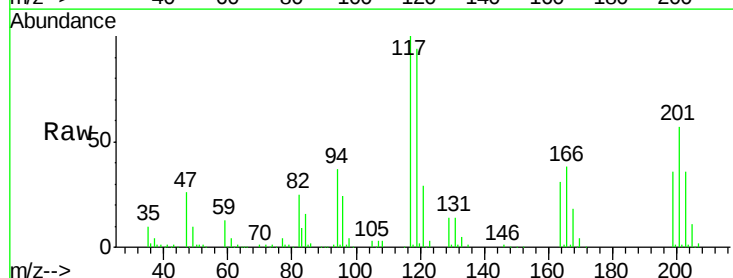
RT: 7.37 min Scan# 440

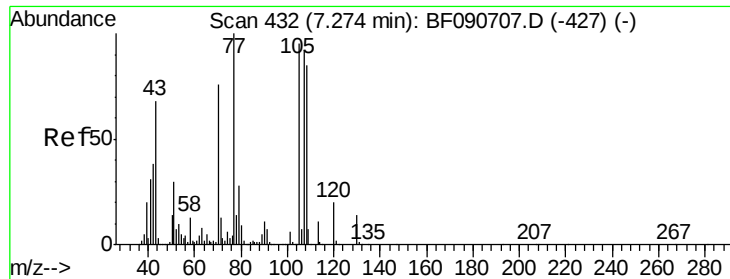
Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	117	Resp:	135599
Ion Ratio	Lower	Upper	
117	100		
119	94.2	83.8	125.6
201	56.9	55.1	82.7





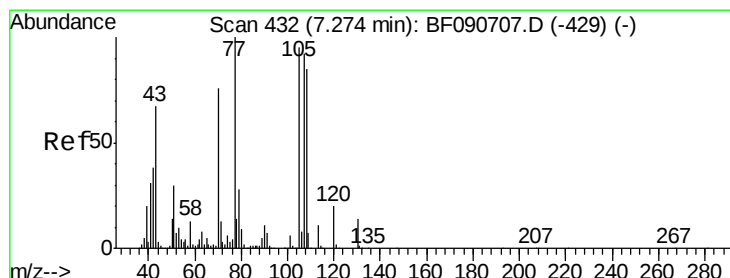
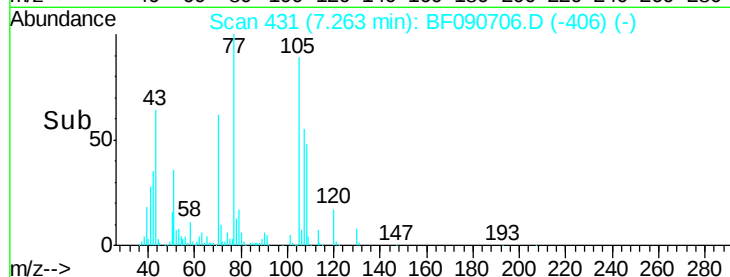
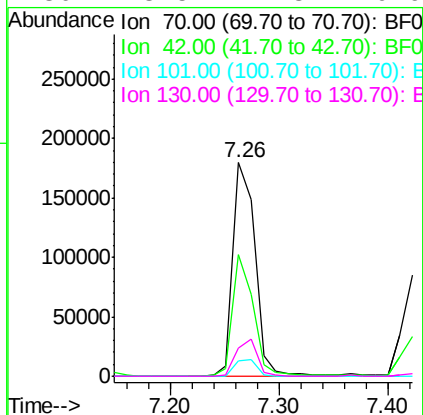
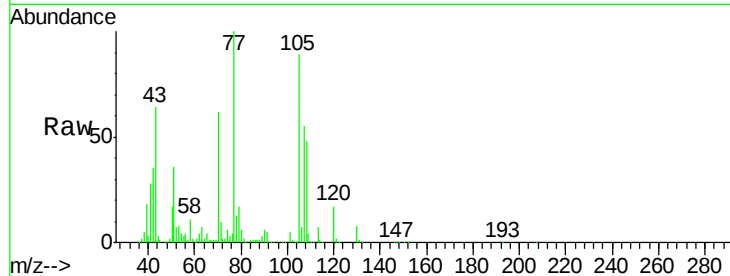
#19
n-Nitroso-di-n-propylamine
Concen: 38.78 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	63.8	95.6#
101	7.4	9.2	13.8#
130	13.5	27.3	40.9#

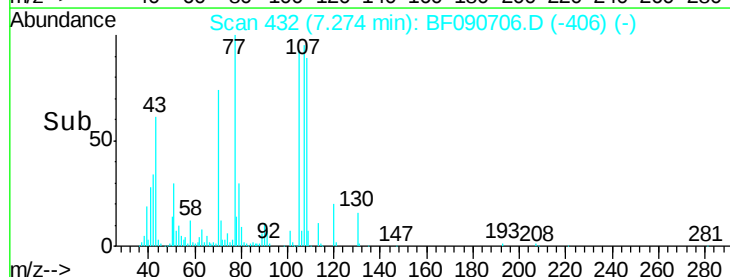
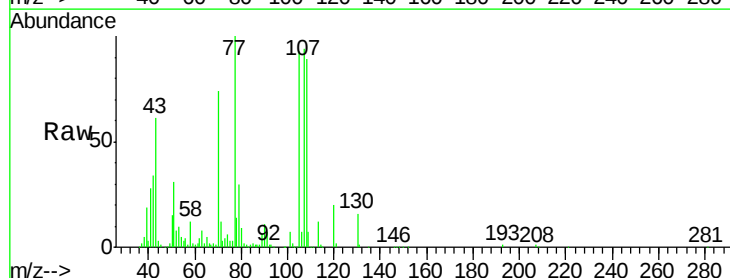
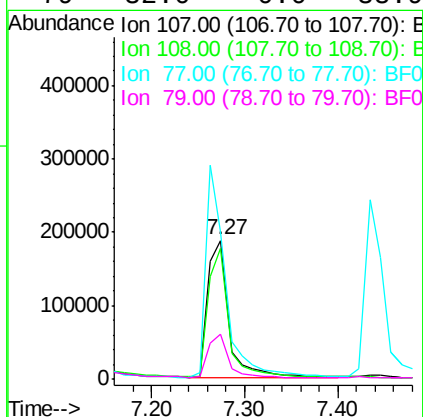
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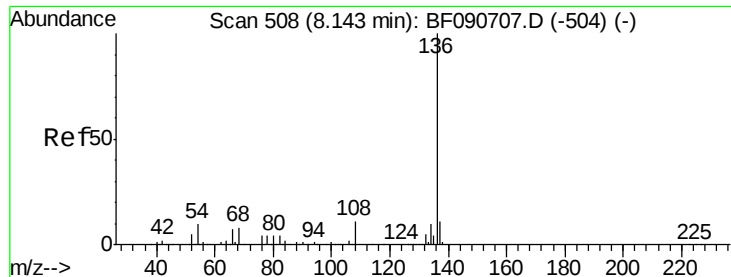
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#20
3+4-Methylphenols
Concen: 26.89 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	74.6	114.6
77	106.1	0.7	40.7#
79	32.0	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

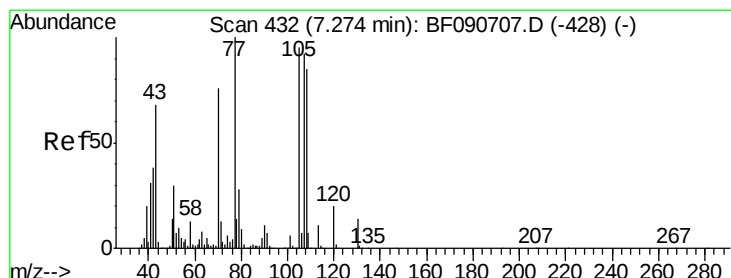
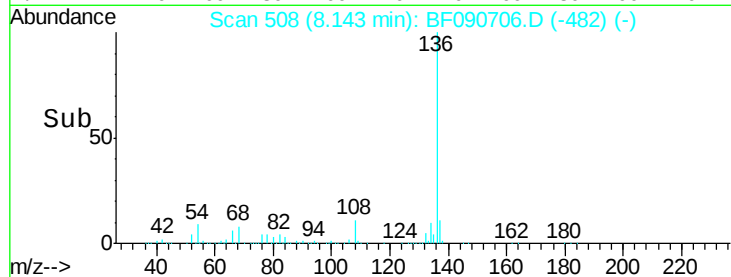
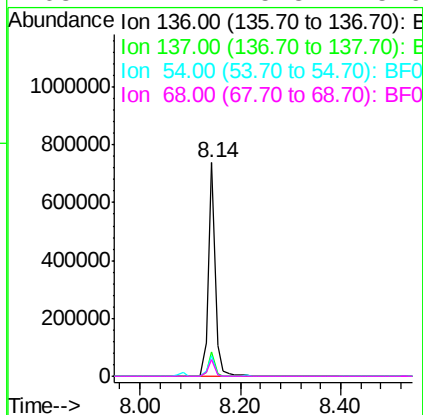
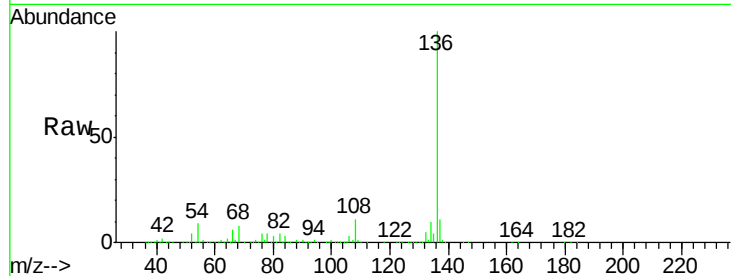
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696968		
137	11.2	9.0	13.6	
54	9.3	8.2	12.2	
68	7.7	5.8	8.6	

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#22

Acetophenone

Concen: 23.85 ng

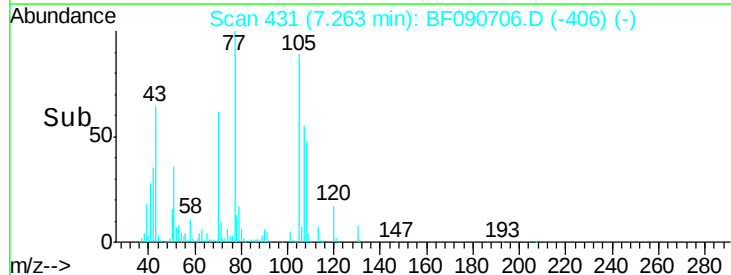
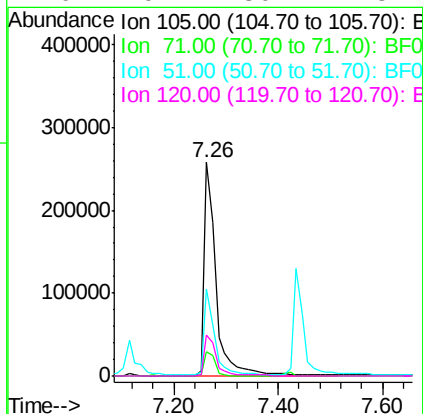
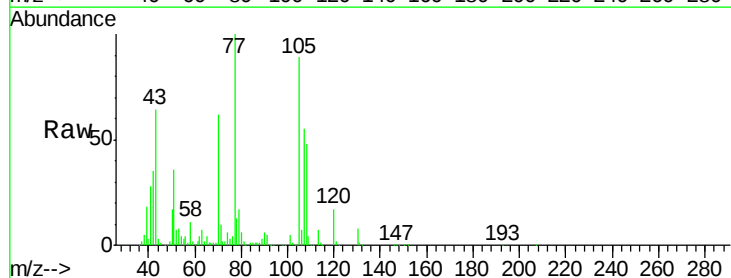
RT: 7.26 min Scan# 431

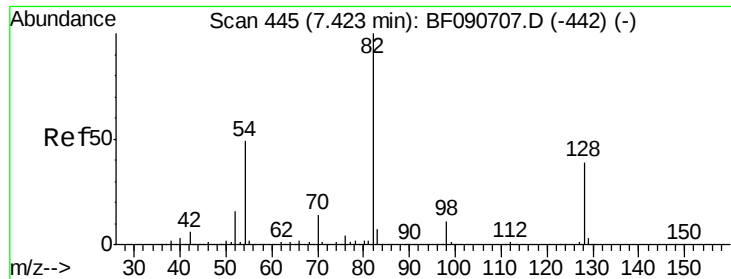
Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	408220		
71	11.5	4.7	7.1#	
51	40.7	22.0	33.0#	
120	19.4	30.1	45.1#	





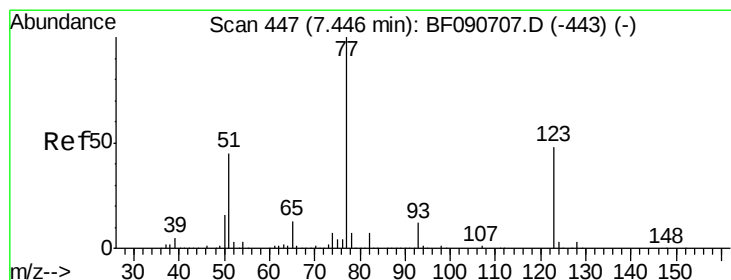
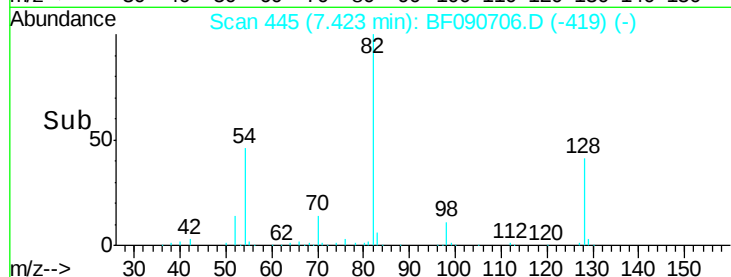
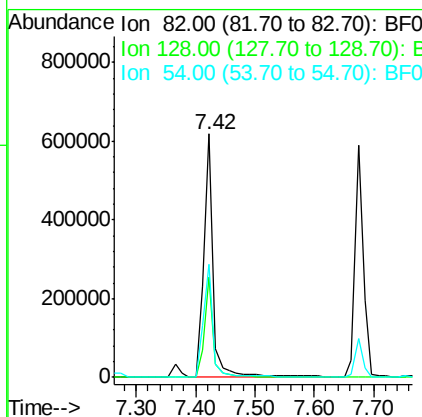
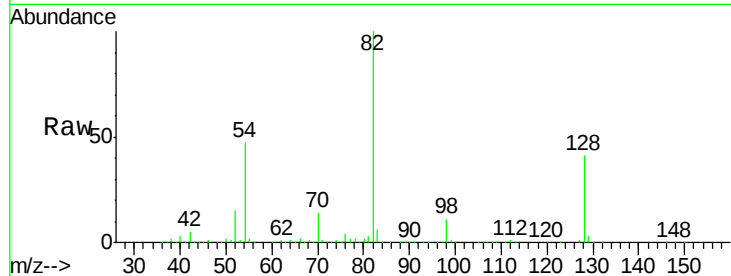
#23
 Nitrobenzene-d5
 Concen: 63.29 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	51.0	76.6#
54	46.6	47.5	71.3#

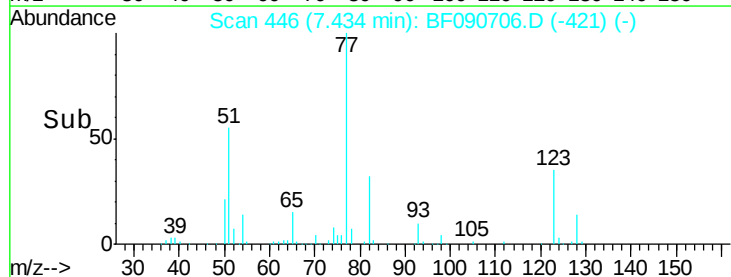
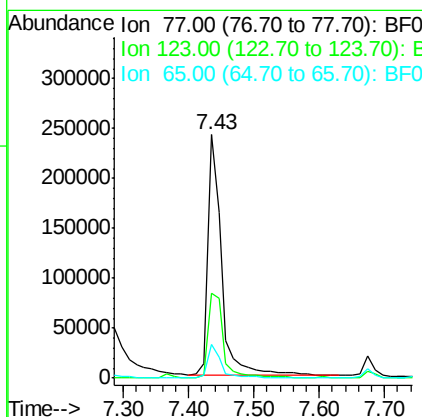
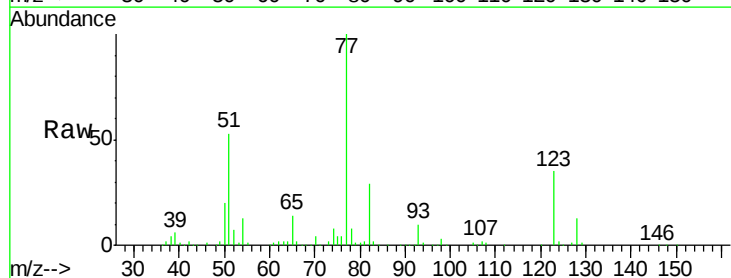
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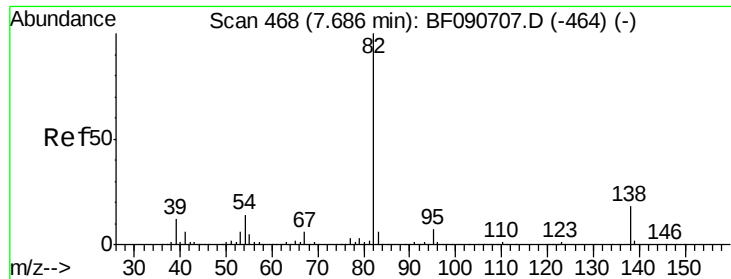
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#24
 Nitrobenzene
 Concen: 32.88 ng
 RT: 7.43 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	59.8	89.8#
65	13.9	10.2	15.4





#25

Isophorone

Concen: 26.79 ng

RT: 7.67 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion: 82 Resp: 571043

Ion Ratio Lower Upper

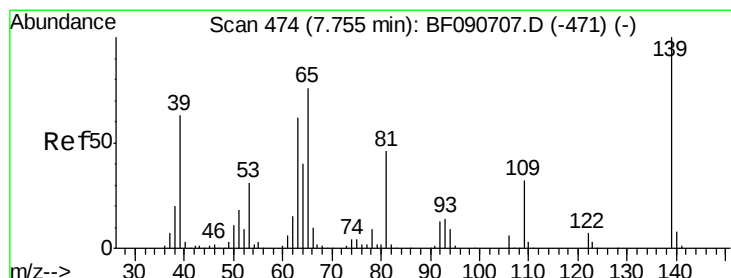
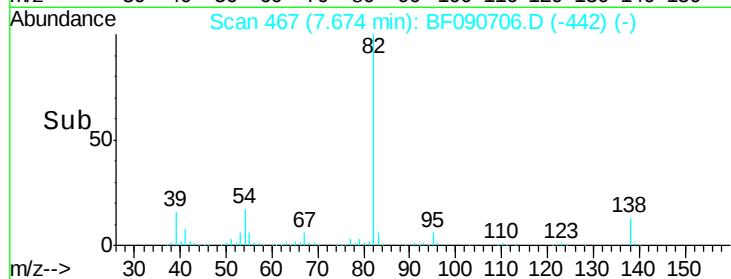
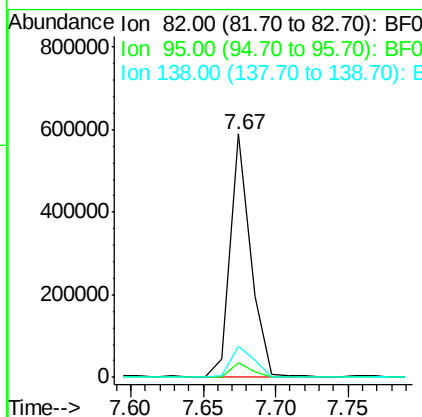
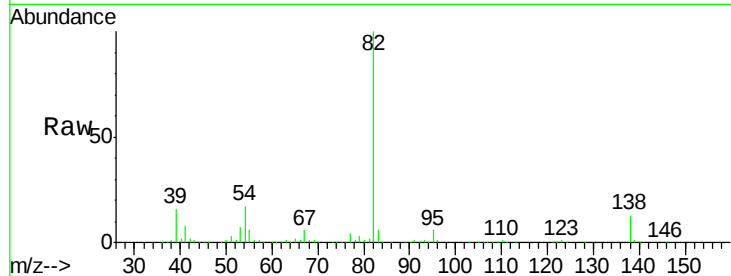
82 100

95 6.2 4.0 6.0#

138 12.9 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 20.79 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

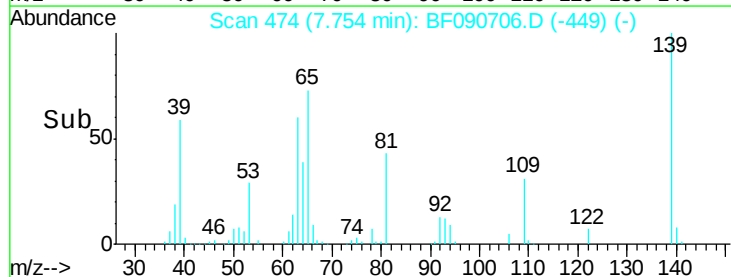
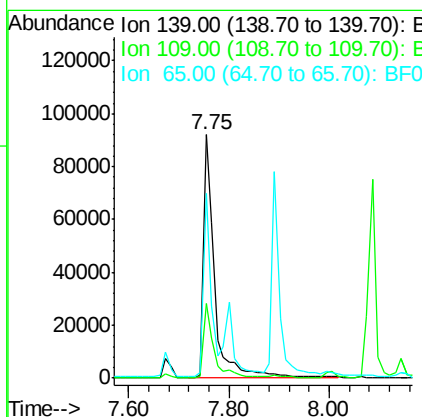
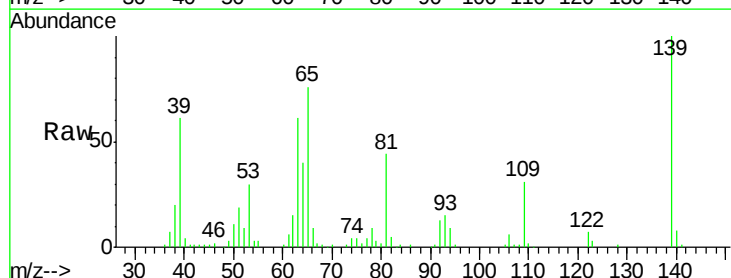
Tgt Ion: 139 Resp: 144575

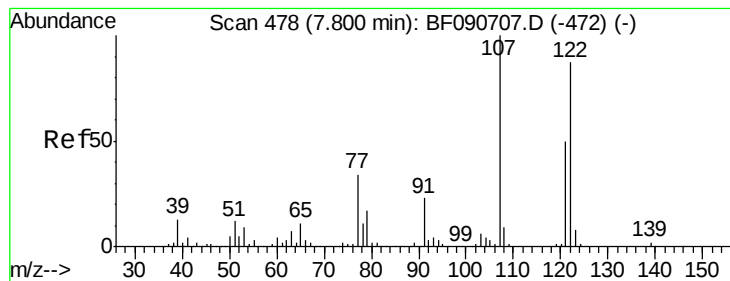
Ion Ratio Lower Upper

139 100

109 30.6 11.0 16.4#

65 75.7 24.7 37.1#





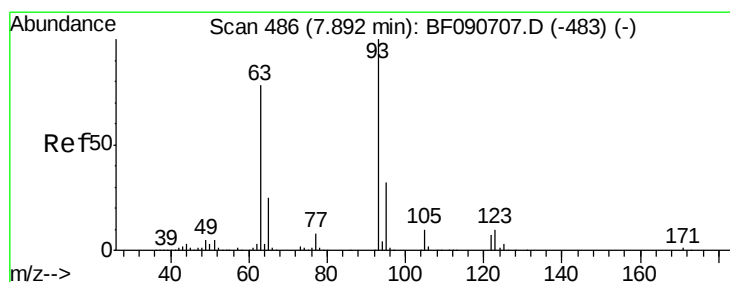
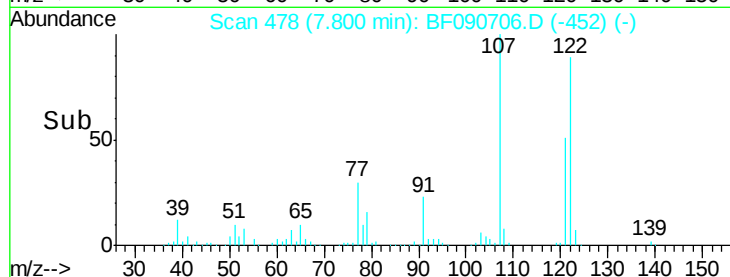
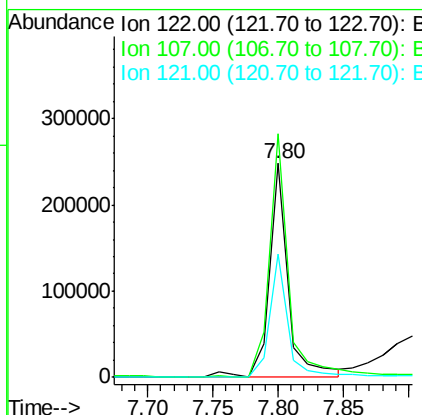
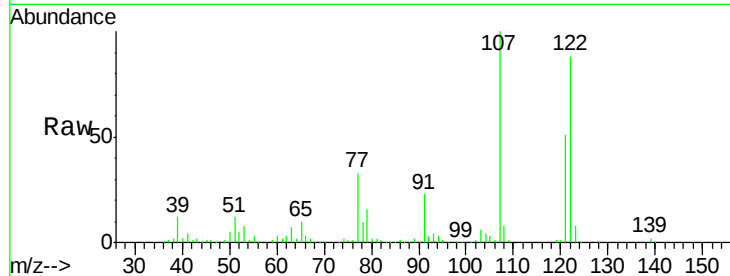
#27
 2,4-Dimethylphenol
 Concen: 20.36 ng
 RT: 7.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251912		
107	113.7	71.8	107.6#	
121	57.9	42.3	63.5	

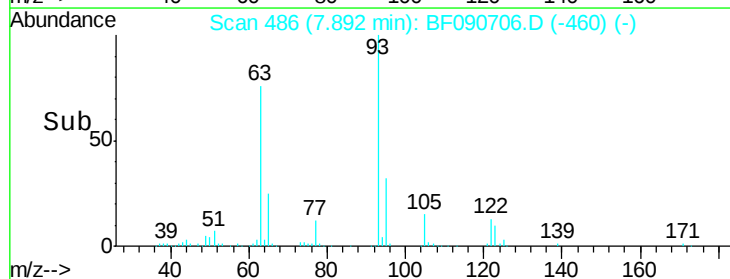
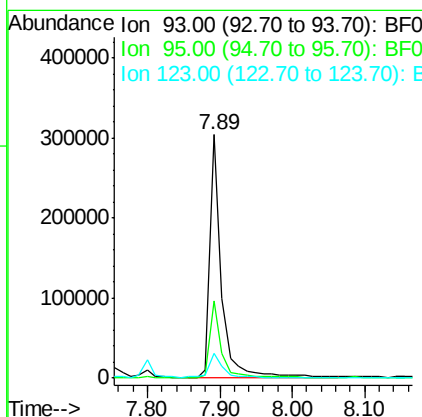
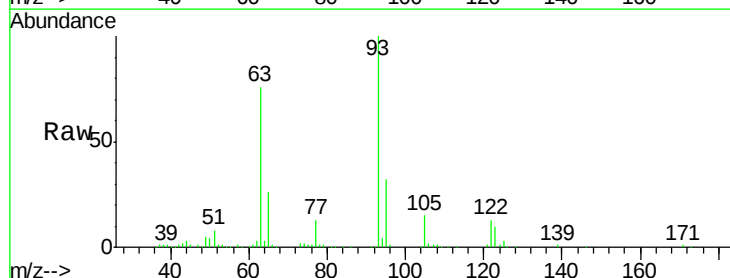
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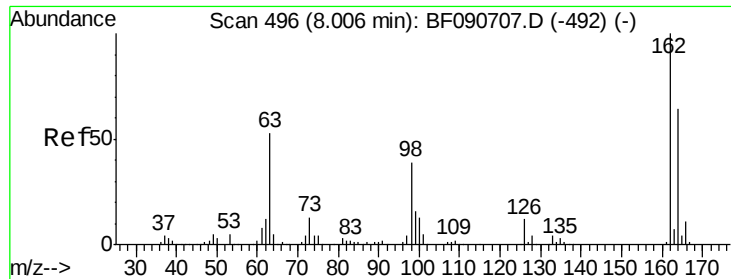
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#28
 bis(2-Chloroethoxy)methane
 Concen: 23.48 ng
 RT: 7.89 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335861		
95	31.9	27.5	41.3	
123	10.3	13.7	20.5#	





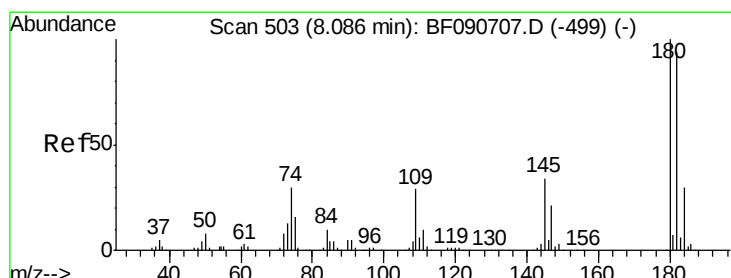
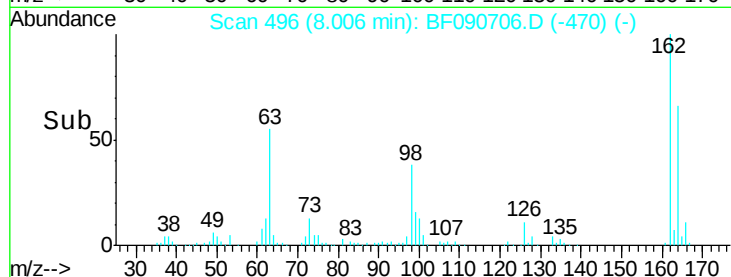
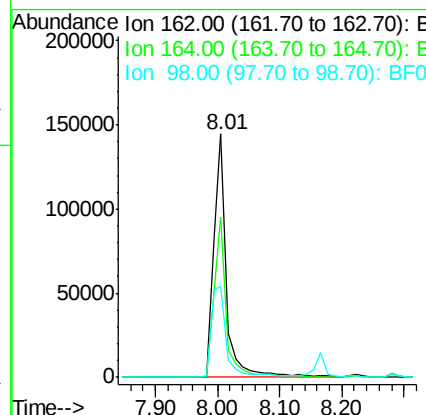
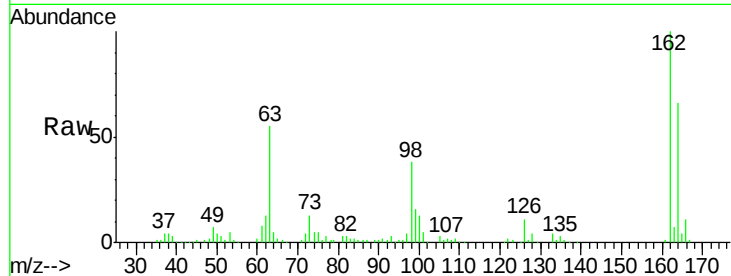
#29
 2,4-Dichlorophenol
 Concen: 20.88 ng
 RT: 8.01 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	162	Resp:	203522
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.9	84.9
98	37.6	13.0	53.0

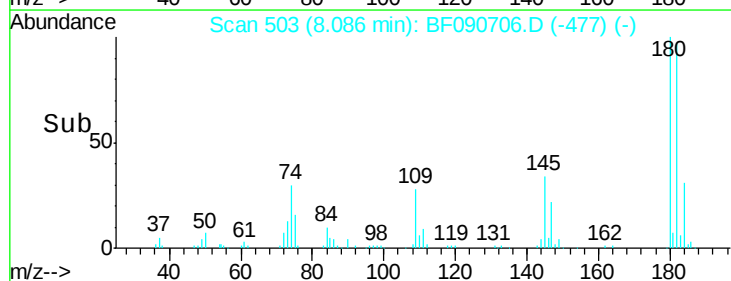
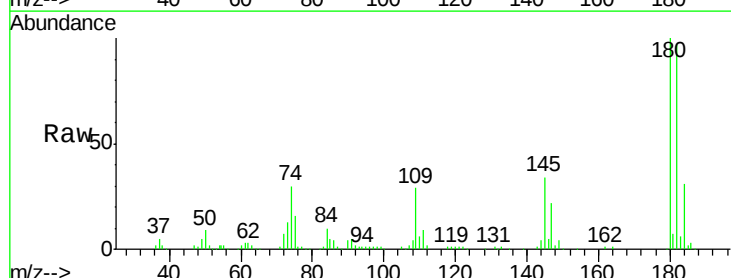
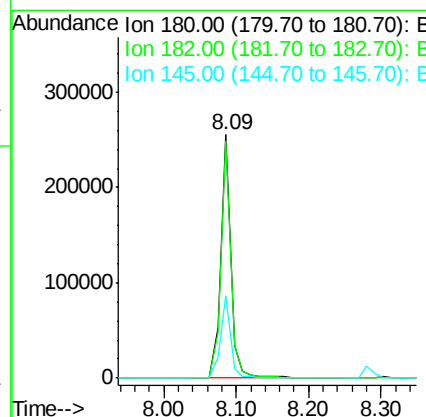
Manual Integrations
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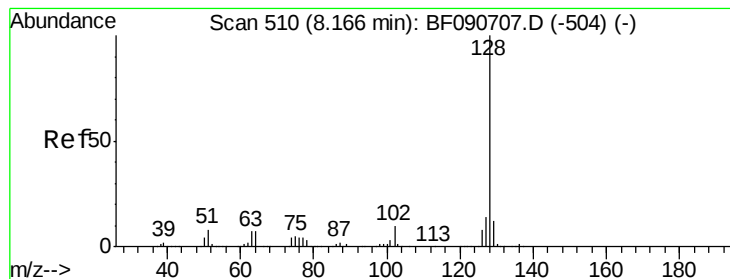
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#30
 1,2,4-Trichlorobenzene
 Concen: 23.79 ng
 RT: 8.09 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion:	180	Resp:	249607
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.1	115.7
145	33.6	23.3	34.9





#31

Naphthalene

Concen: 22.90 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

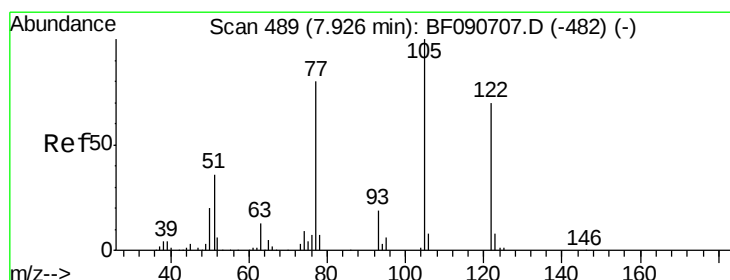
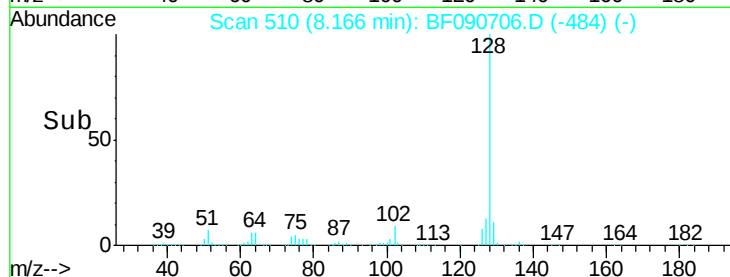
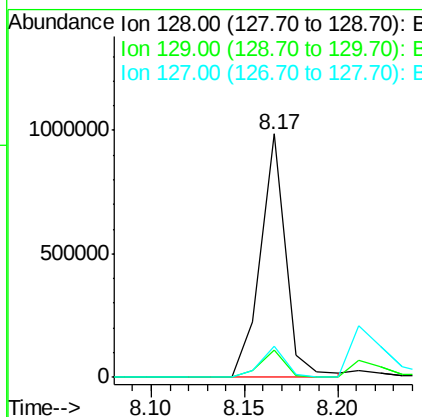
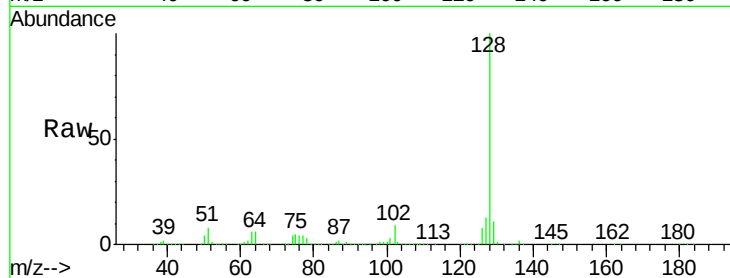
ClientSampleId :

SSTDICC025

Tot Ion:	128	Resp:	922023
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	13.0	9.9	14.9

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#32

Benzoic acid

Concen: 17.22 ng

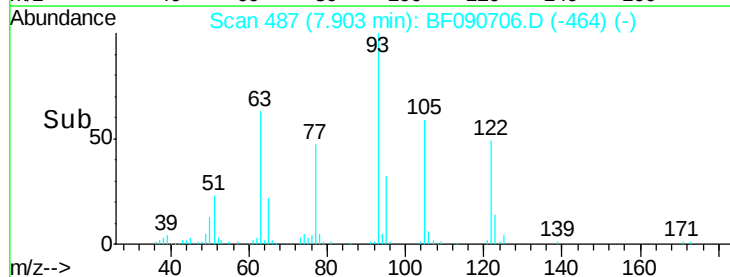
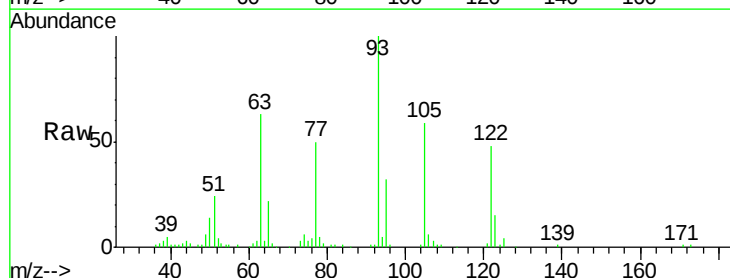
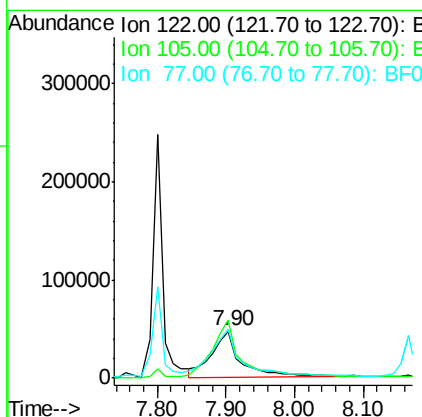
RT: 7.90 min Scan# 487

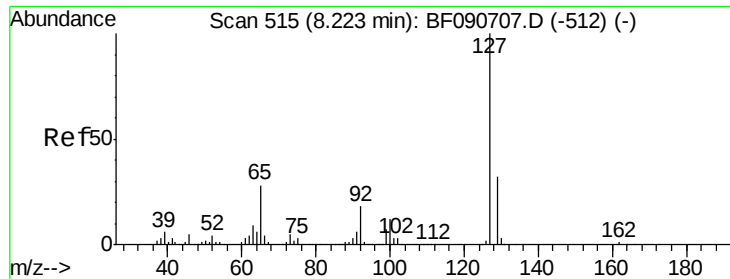
Delta R.T. -0.03 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	122	Resp:	139735
Ion Ratio	Lower	Upper	
122	100		
105	122.5	76.1	116.1#
77	104.3	40.5	80.5#





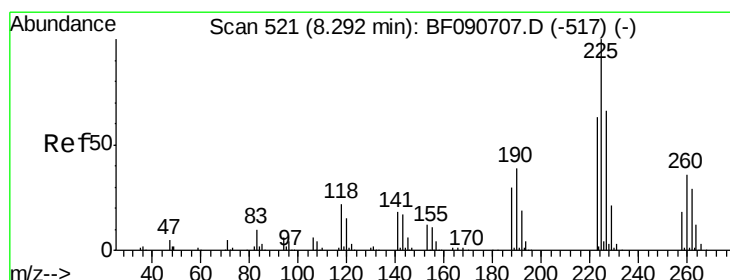
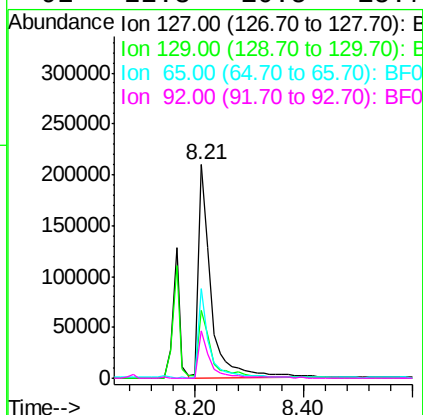
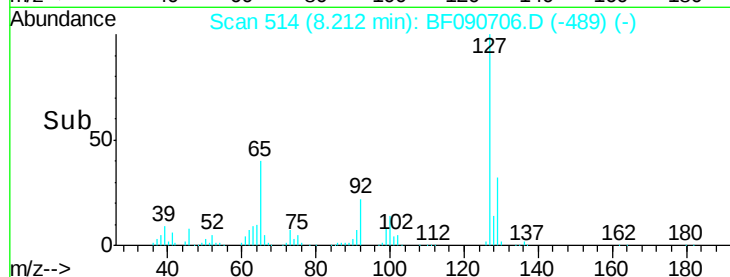
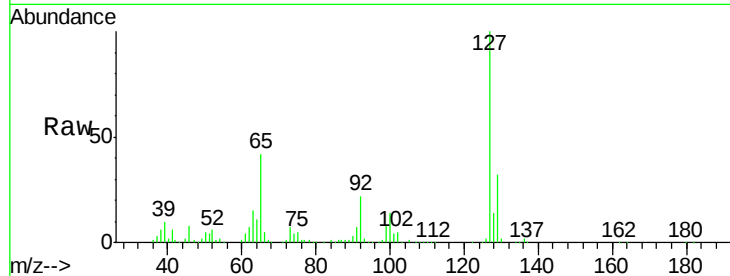
#33
4-Chloroaniline
Concen: 21.44 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.8	38.6		
65	41.9	17.9	26.9		
92	22.3	10.5	15.7		

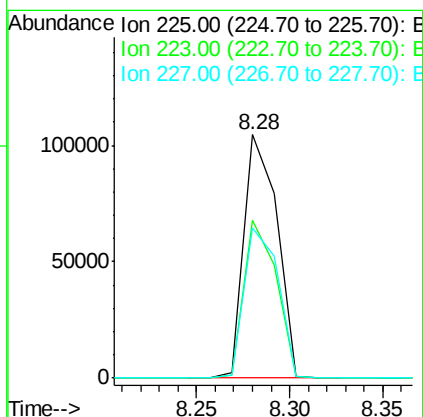
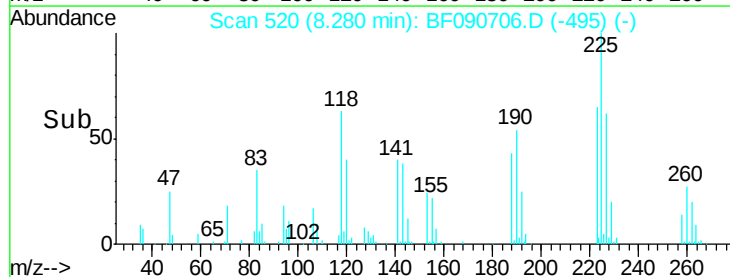
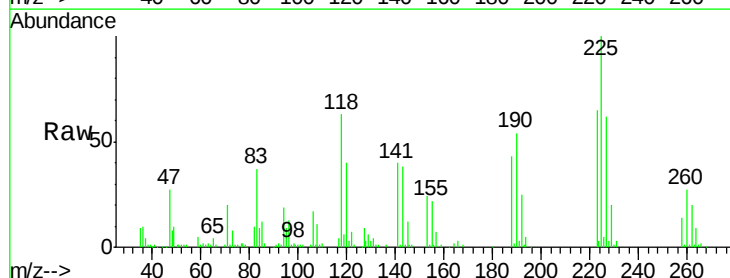
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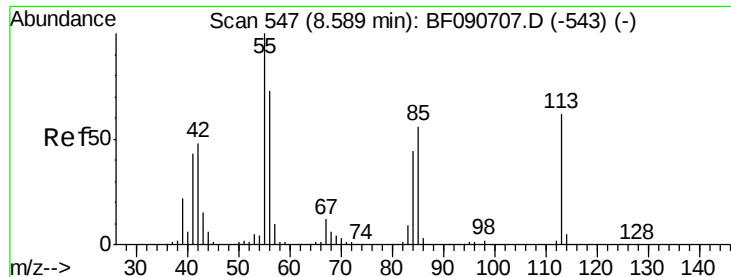
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#34
Hexachlorobutadiene
Concen: 28.99 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	50.2	75.2		
227	61.7	52.2	78.2		





#35

Caprolactam

Concen: 16.59 ng

RT: 8.57 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

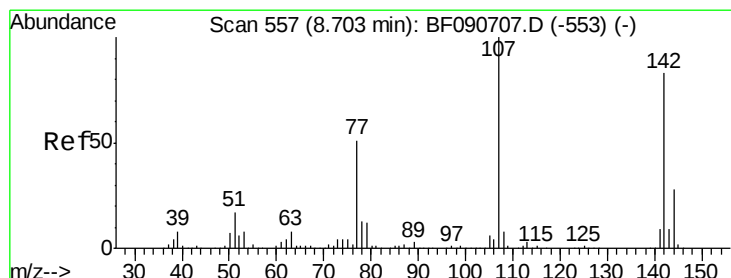
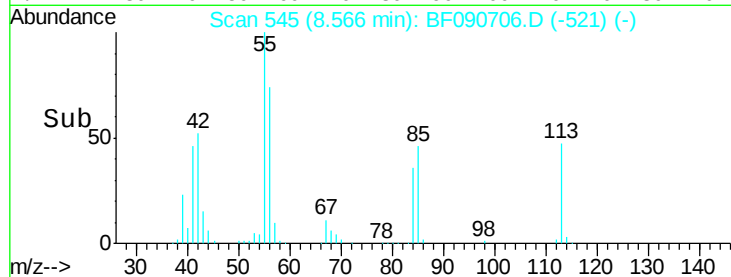
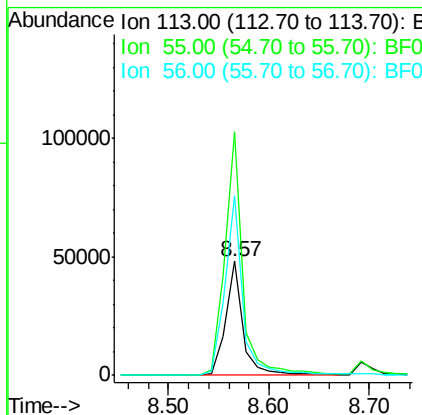
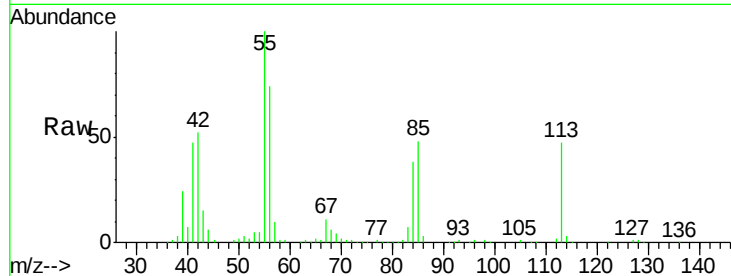
ClientSampleId :

SSTDICC025

Tot Ion:113 Resp: 58129
 Ion Ratio Lower Upper
 113 100
 55 213.0 152.4 192.4#
 56 157.7 104.6 144.6#

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#36

4-Chloro-3-methylphenol

Concen: 26.81 ng

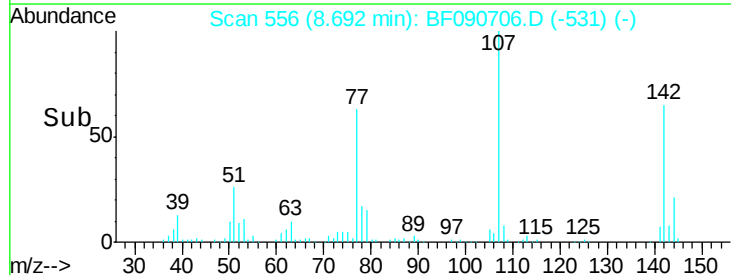
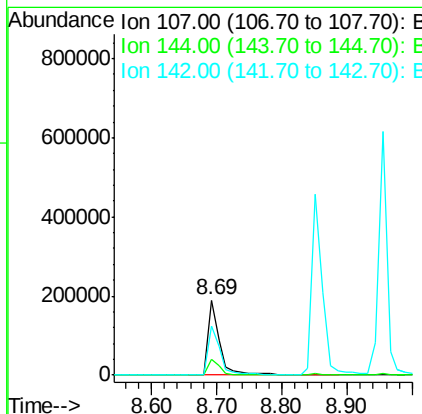
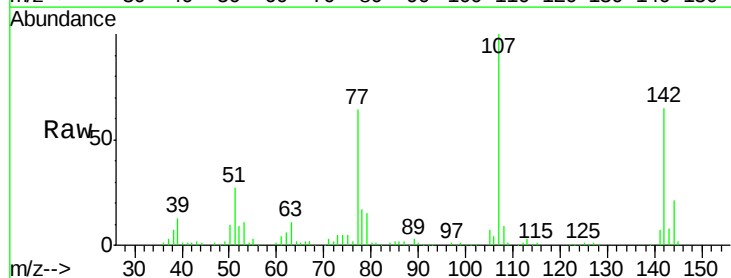
RT: 8.69 min Scan# 556

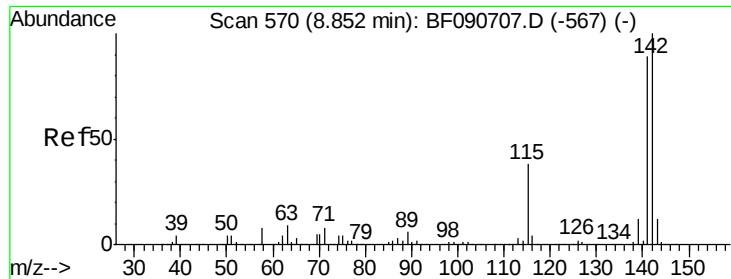
Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:107 Resp: 233786
 Ion Ratio Lower Upper
 107 100
 144 20.8 25.4 38.0#
 142 65.1 77.3 115.9#





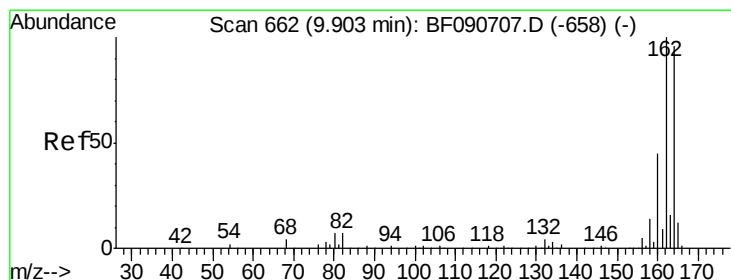
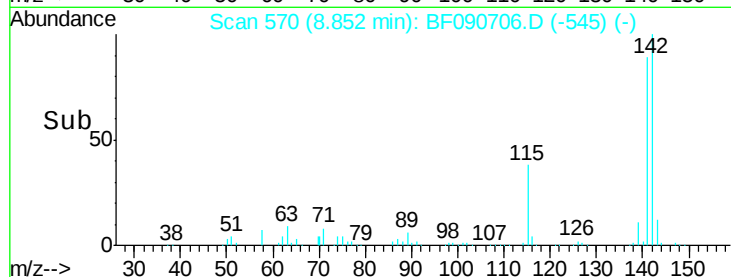
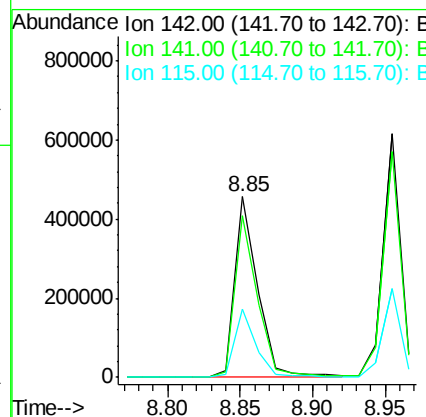
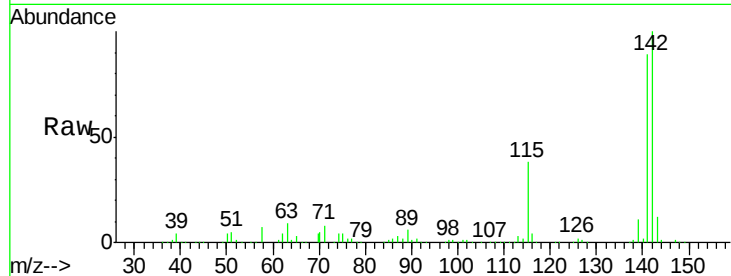
#37
2-Methylnaphthalene
Concen: 20.63 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.5	101.3
115	38.0	18.2	27.2

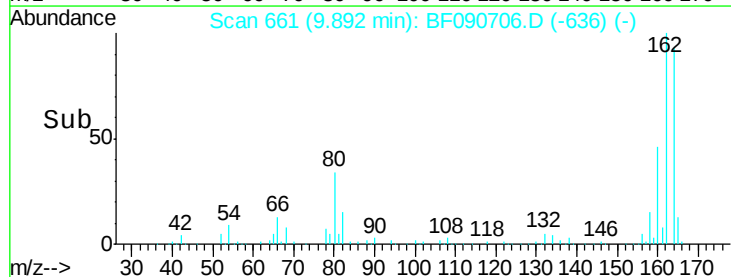
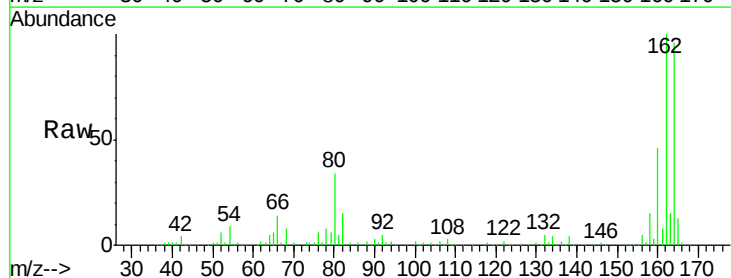
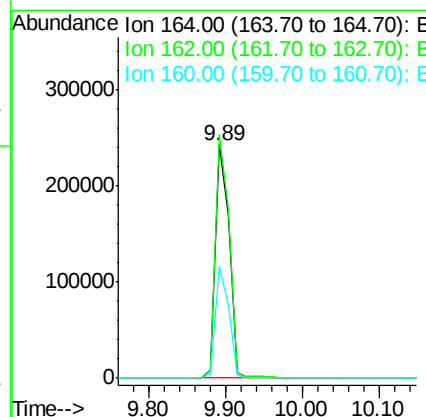
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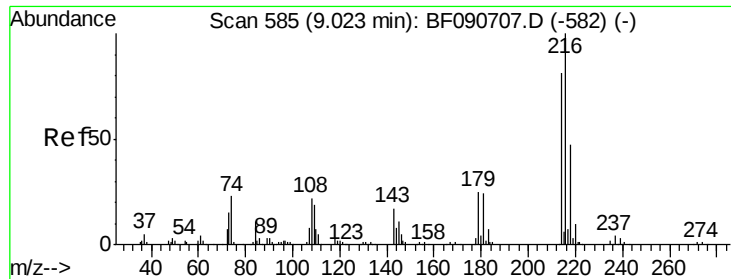
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	47.7	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.24 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

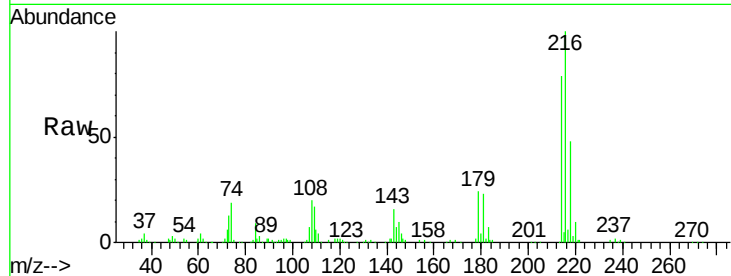
ClientSampled :

SSTDIC025

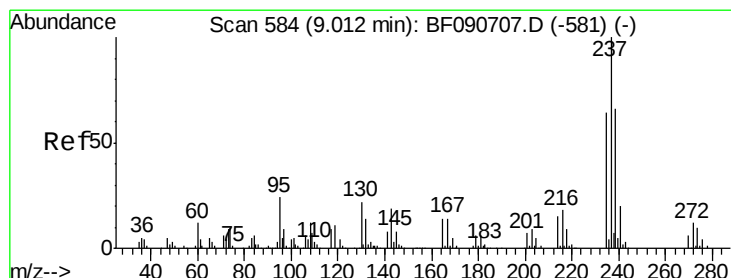
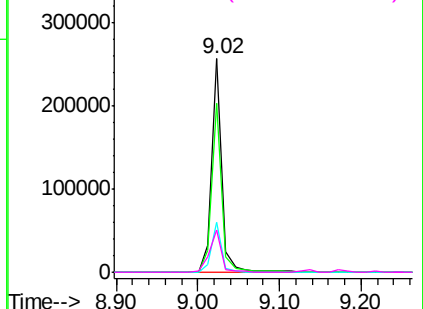
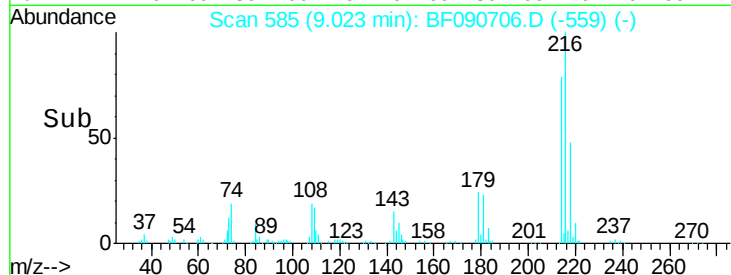
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.5	95.3
179	23.5	16.6	24.8
108	24.5	16.3	24.5#

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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: 20.25 ng

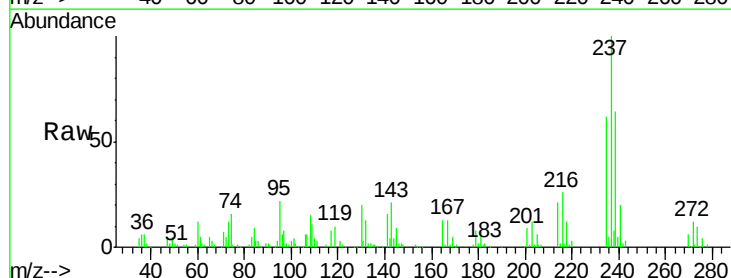
RT: 9.01 min Scan# 584

Delta R.T. -0.00 min

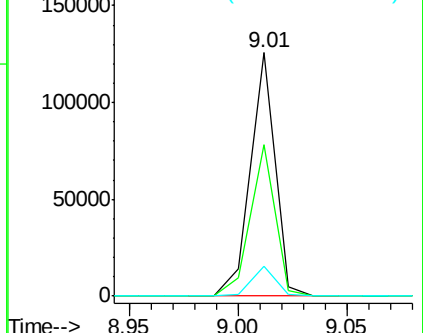
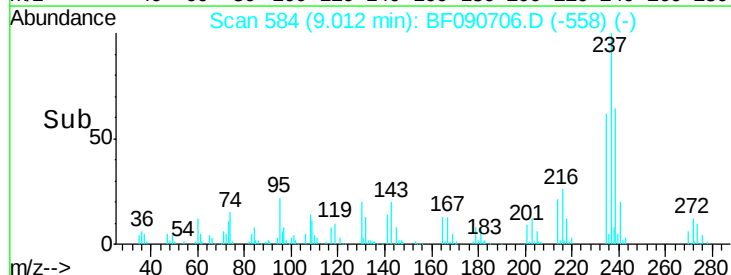
Lab File: BF090706.D

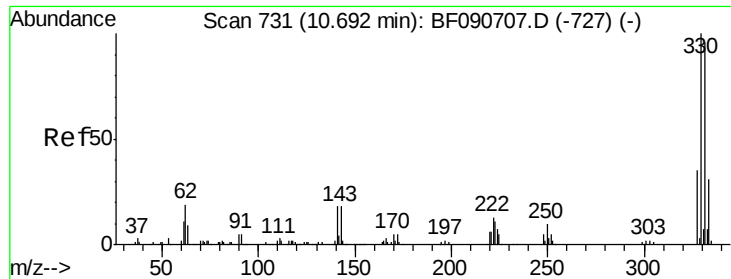
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	42.0	82.0
272	12.3	0.0	36.1



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





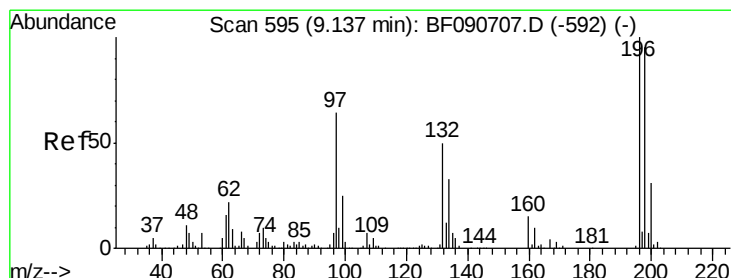
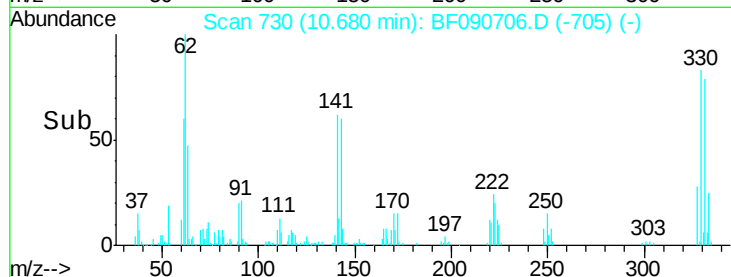
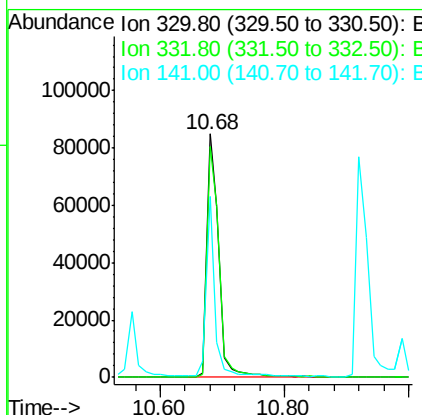
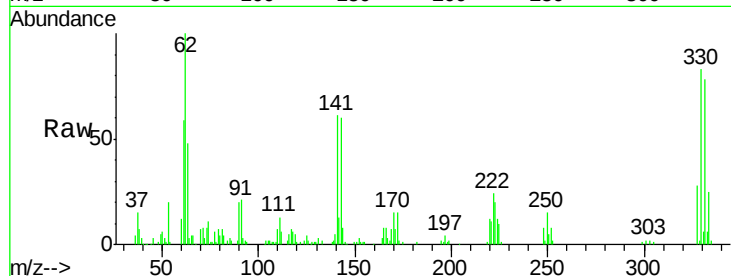
#41
 2,4,6-Tribromophenol
 Concen: 49.88 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100	113368		
332	97.2	76.6	114.8	
141	53.8	29.7	44.5#	

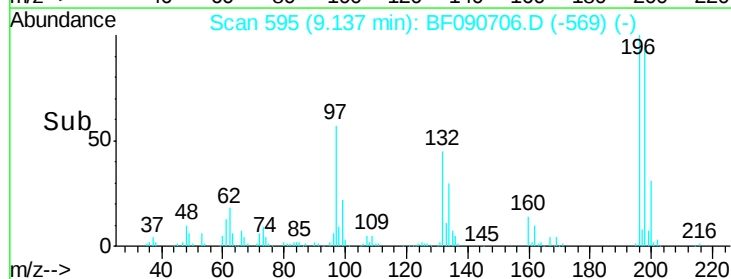
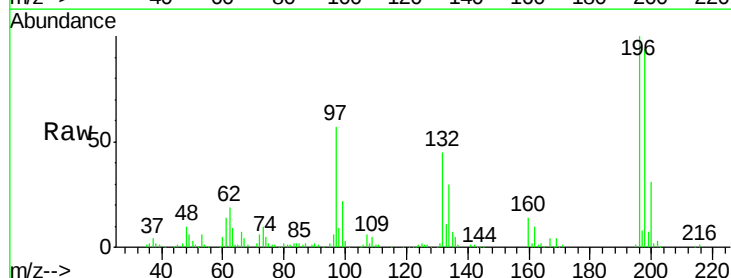
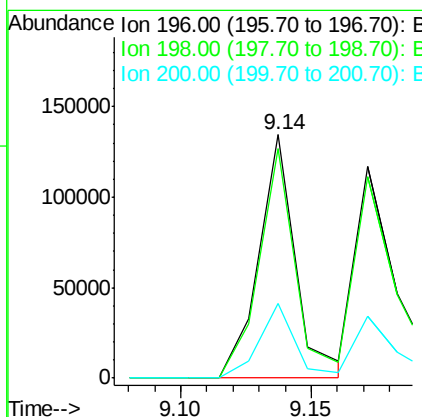
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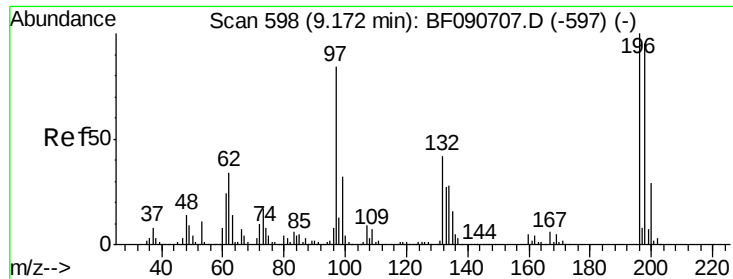
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#42
 2,4,6-Trichlorophenol
 Concen: 24.07 ng
 RT: 9.14 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133172		
198	94.3	75.7	113.5	
200	30.6	23.9	35.9	





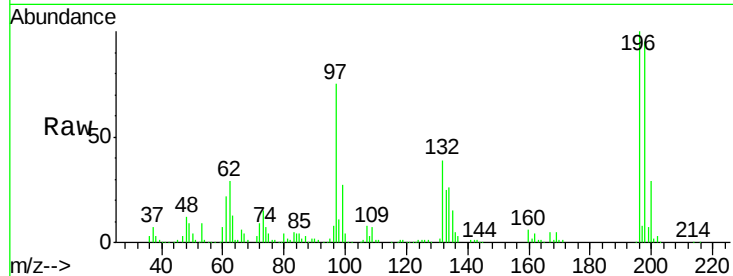
#43
2,4,5-Trichlorophenol
Concen: 23.04 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		132824		
198	95.5	75.4	113.0		
97	74.9	33.3	49.9		
132	38.6	24.6	37.0		

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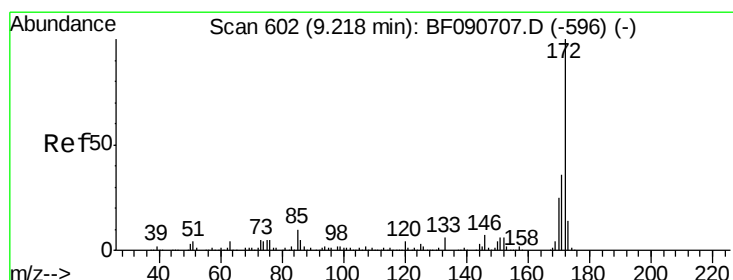
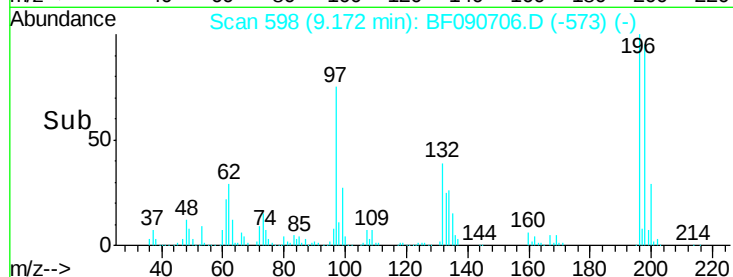
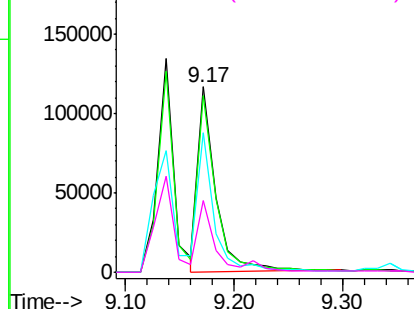
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

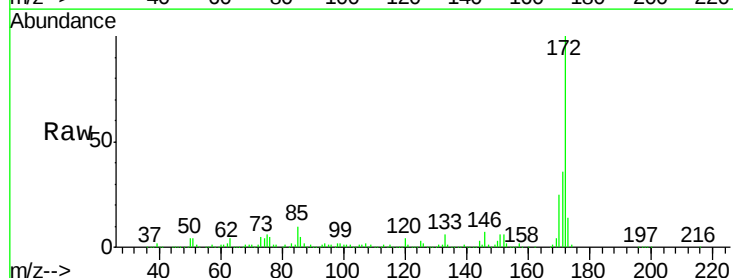
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 40.38 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1021940		
171	36.3	26.1	39.1		
170	25.1	17.4	26.2		

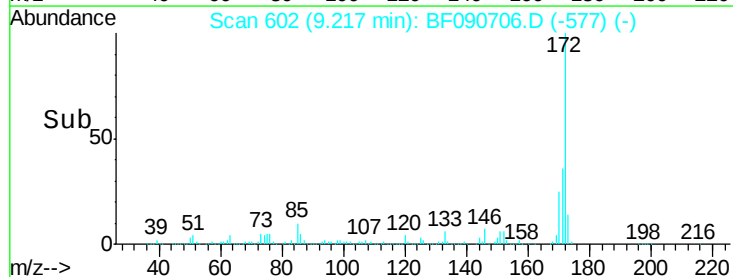
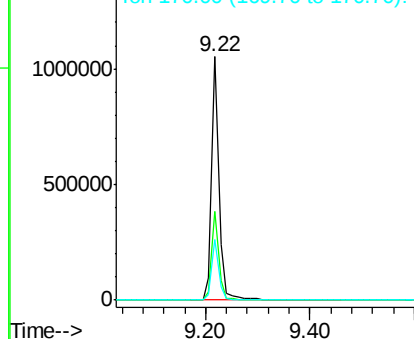


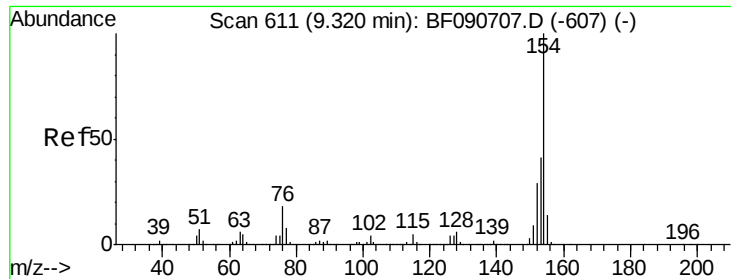
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





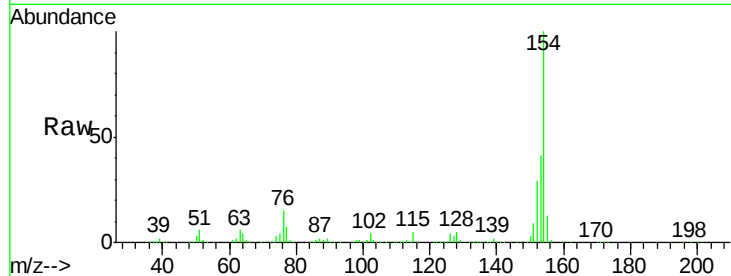
#45
1,1'-Biphenyl
Concen: 23.57 ng
RT: 9.32 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

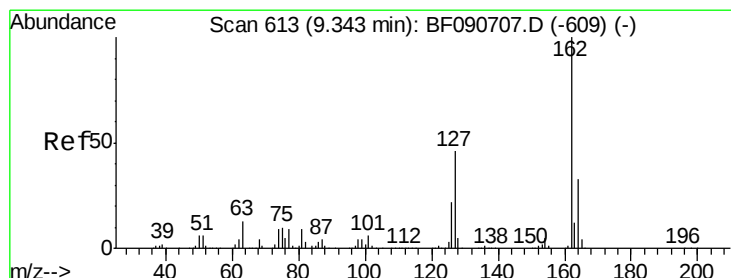
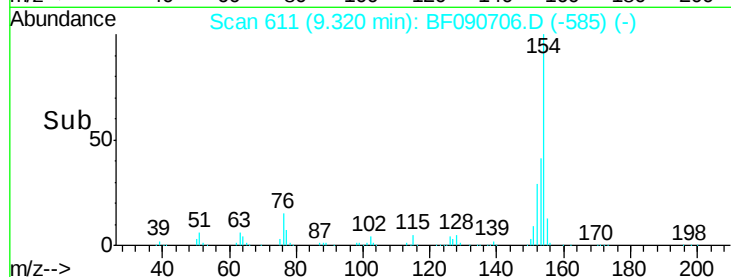
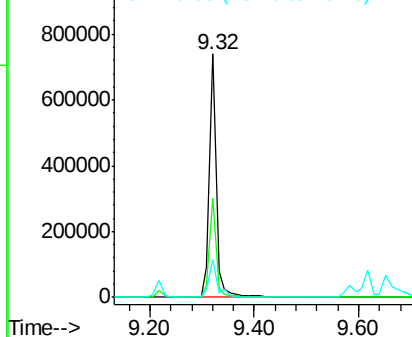
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.8	17.1	57.1
76	15.4	0.0	31.6

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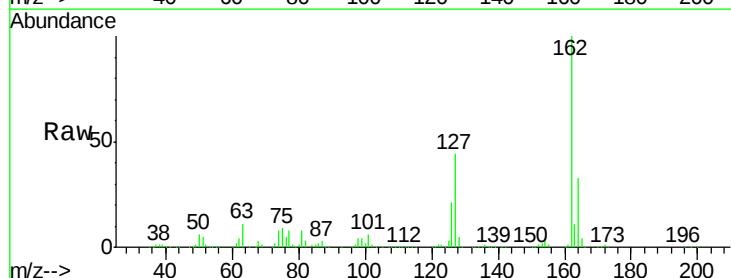


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E

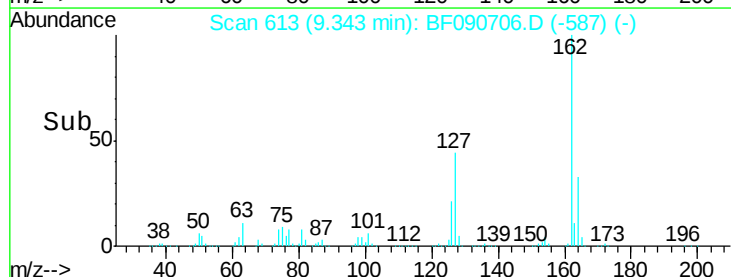
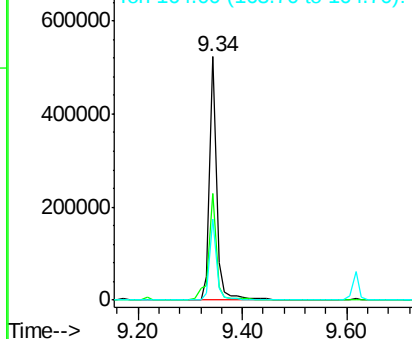


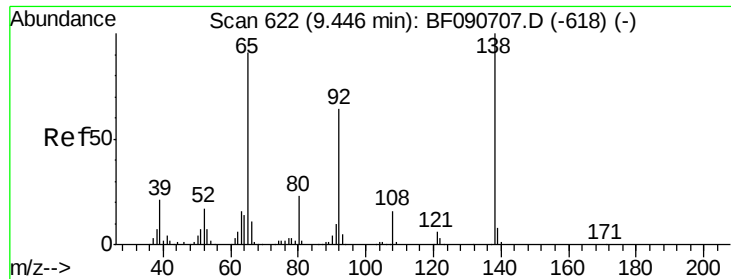
#46
2-Chloronaphthalene
Concen: 25.27 ng
RT: 9.34 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	44.0	27.6	41.4#
164	33.2	25.4	38.2



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





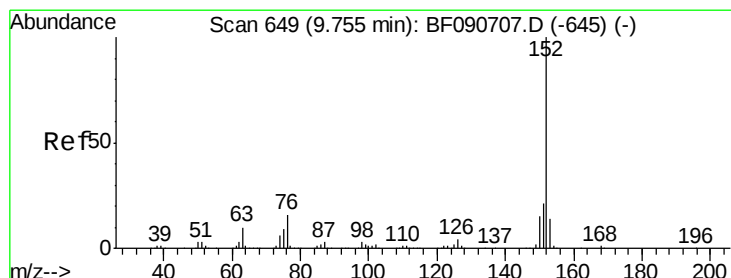
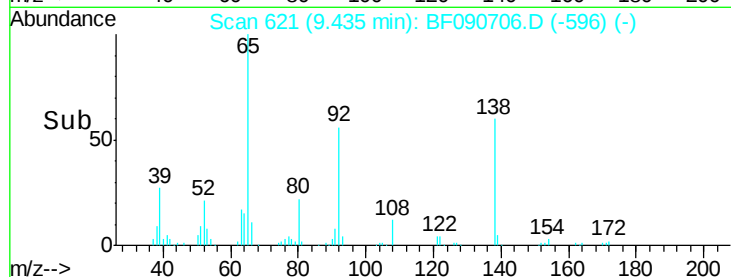
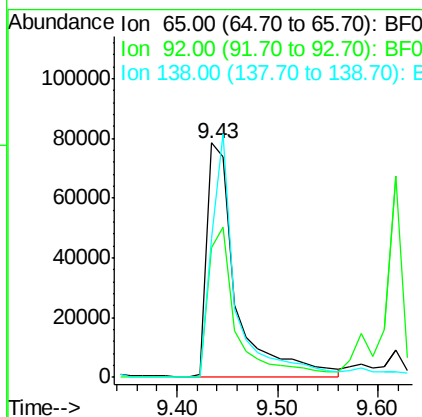
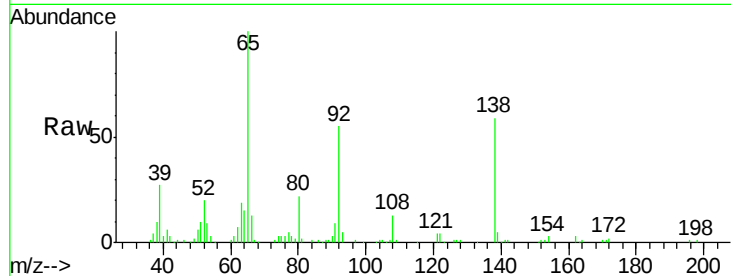
#47
2-Nitroaniline
Concen: 31.21 ng
RT: 9.43 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	55.1	55.4	83.0#
138	59.1	115.5	173.3#

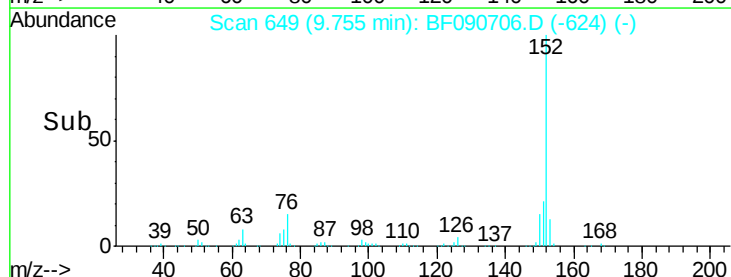
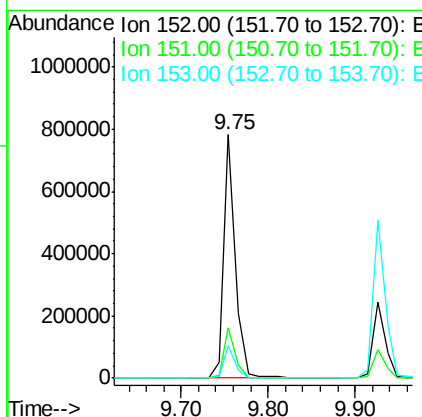
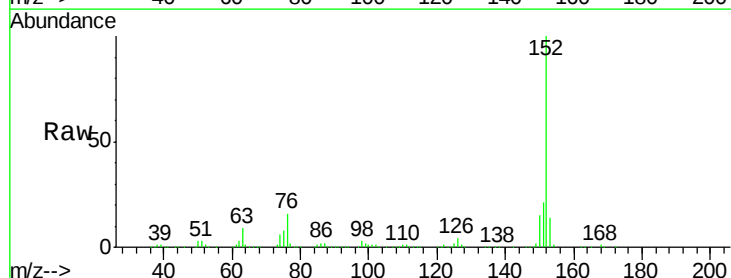
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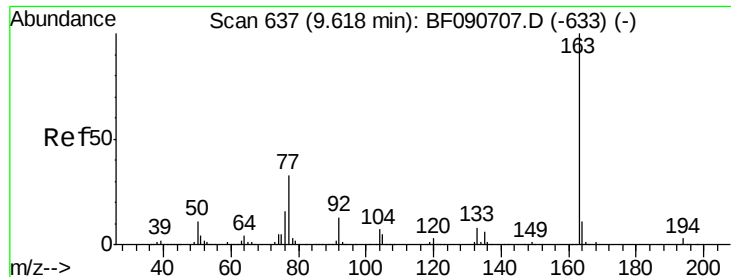
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#48
Acenaphthylene
Concen: 21.31 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.5	10.3	15.5





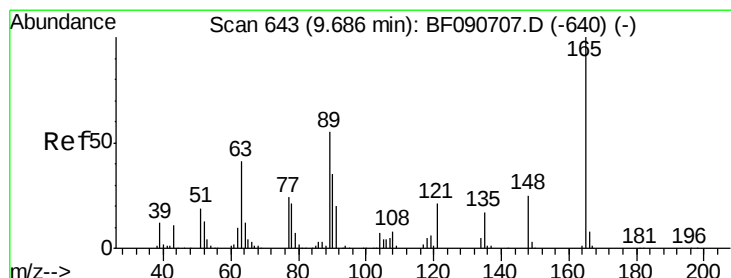
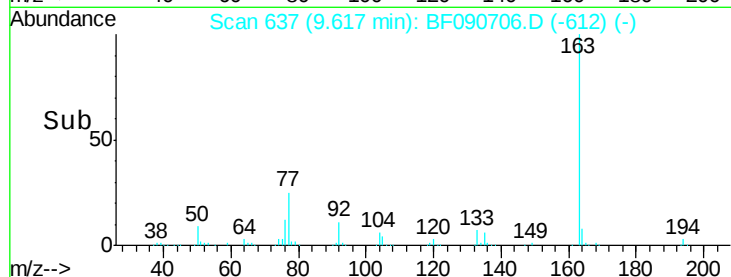
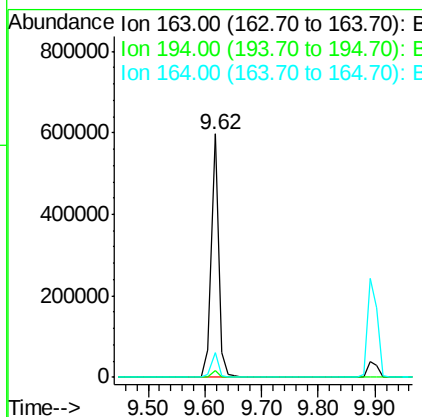
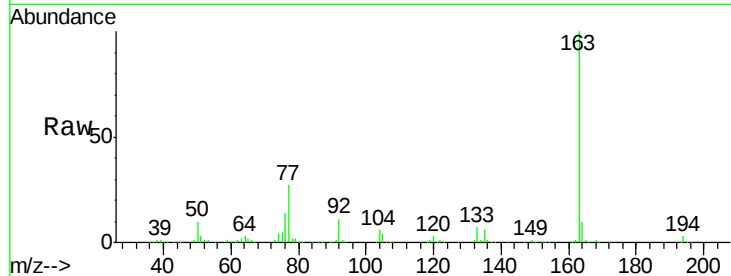
#49
Dimethylphthalate
Concen: 25.71 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	4.4	6.6#
164	10.3	8.3	12.5

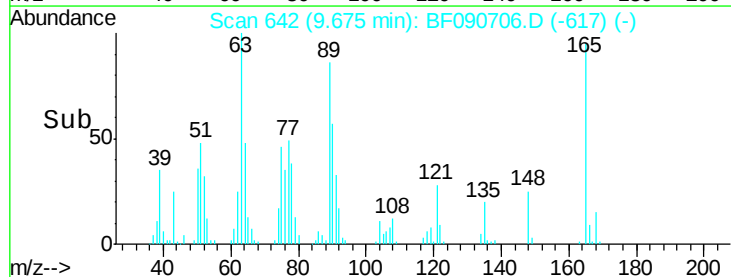
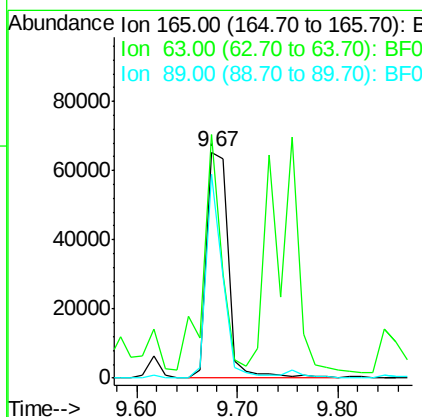
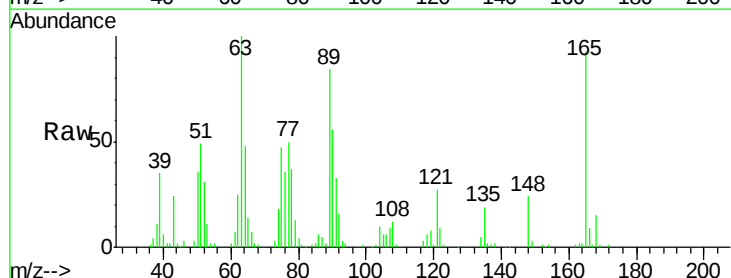
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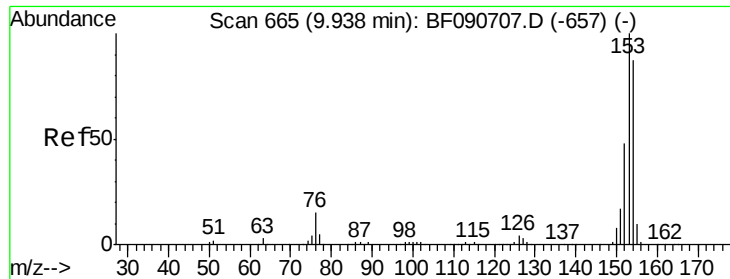
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#50
2,6-Dinitrotoluene
Concen: 21.02 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	107.7	32.3	48.5#
89	90.1	28.6	43.0#





#51

Acenaphthene

Concen: 21.58 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

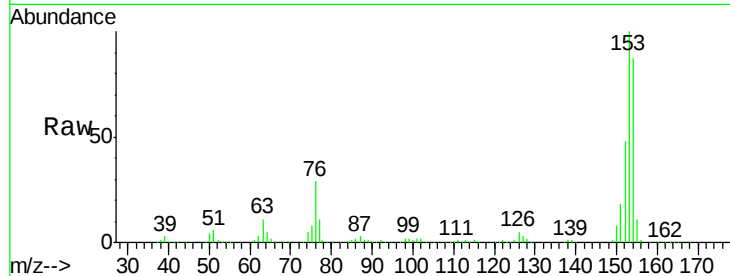
ClientSampleId :

SSTDIC025

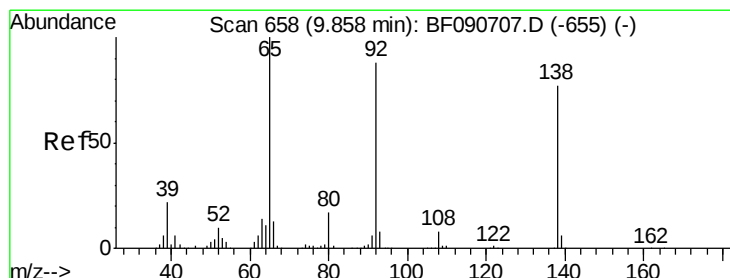
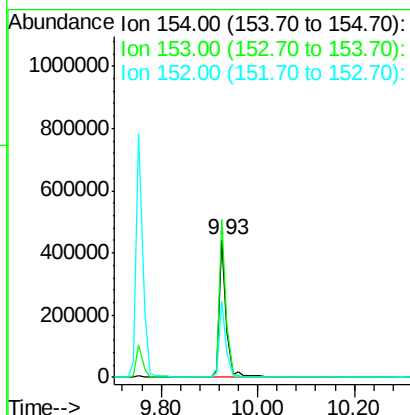
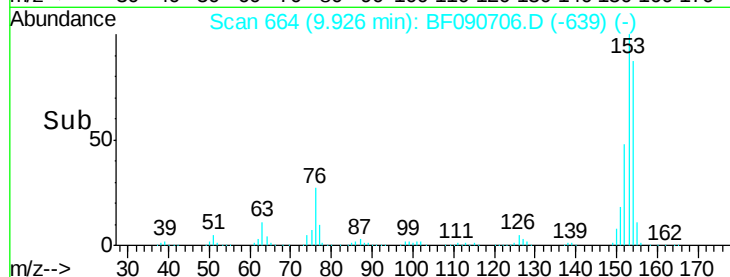
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	82.1	123.1
152	54.9	37.9	56.9

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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: 20.98 ng

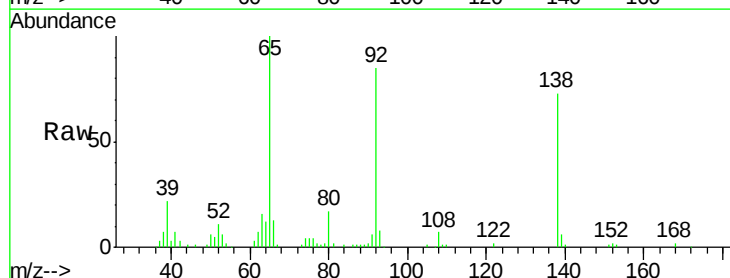
RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

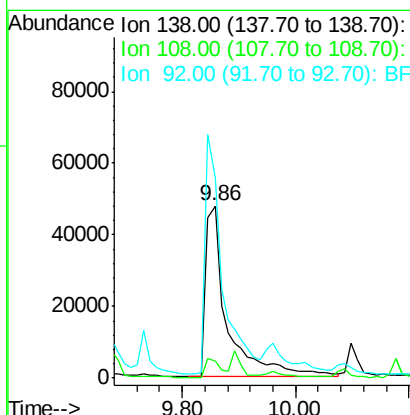
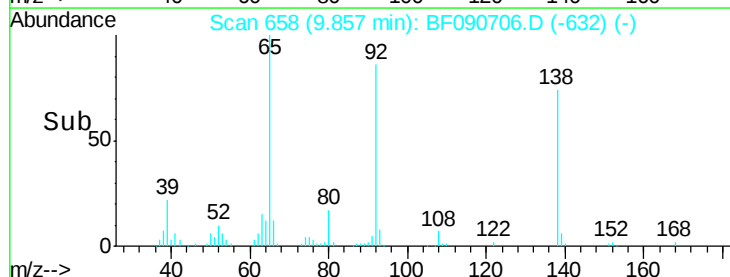
Lab File: BF090706.D

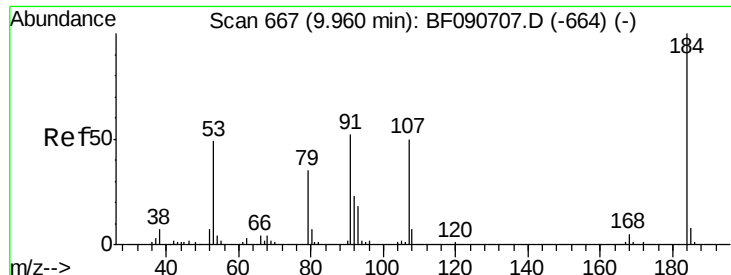
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	5.7	8.5#
92	115.9	67.7	101.5#



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





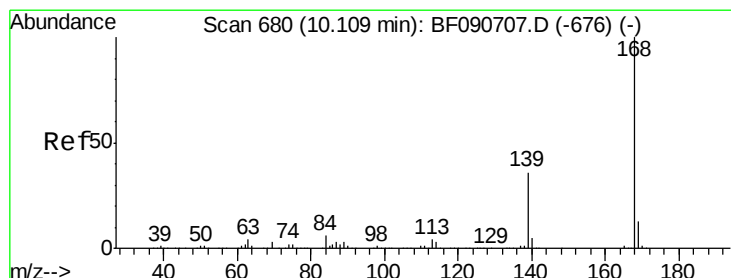
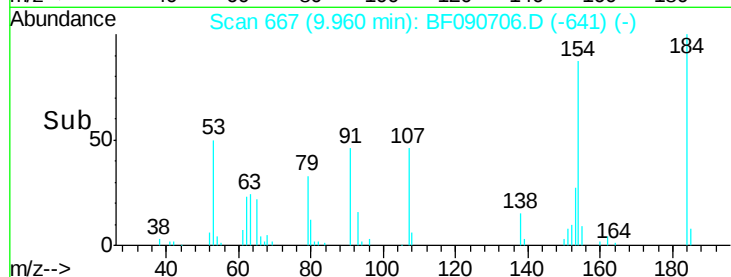
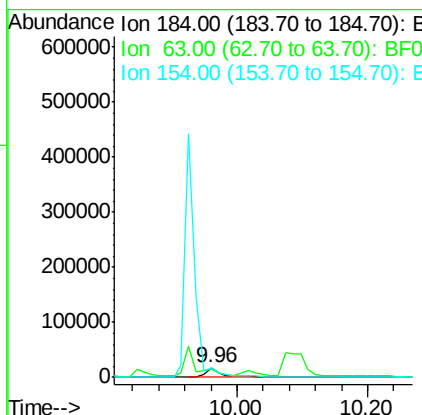
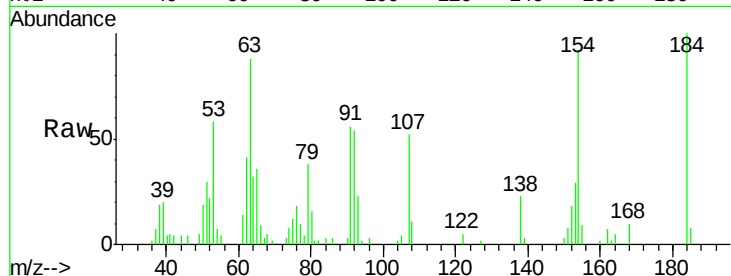
#53
2,4-Dinitrophenol
Concen: 13.48 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100	34710		
63	87.8	35.4	53.2#	
154	91.6	32.2	48.4#	

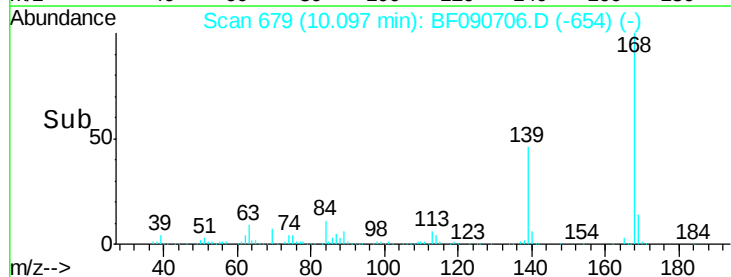
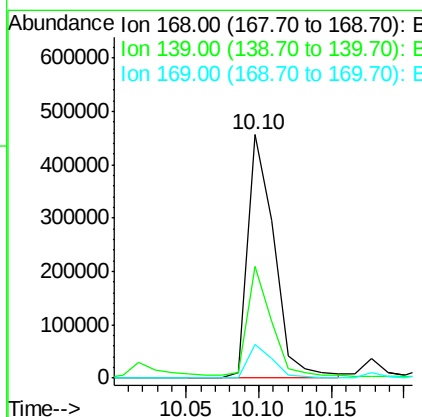
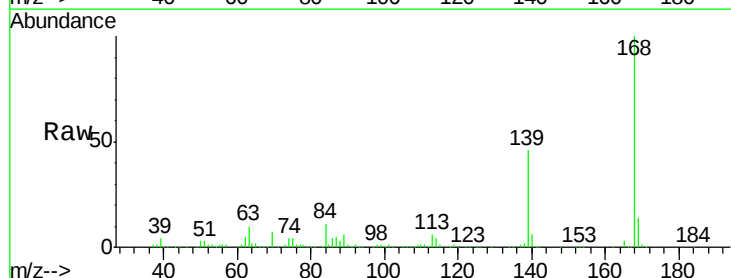
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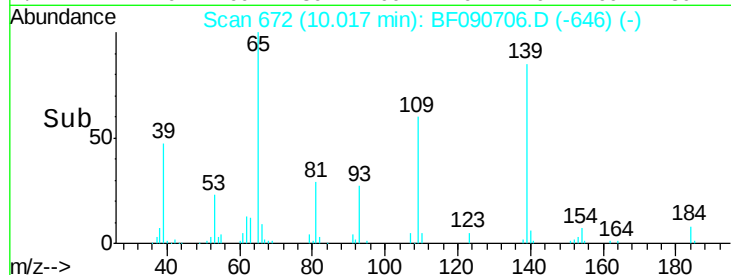
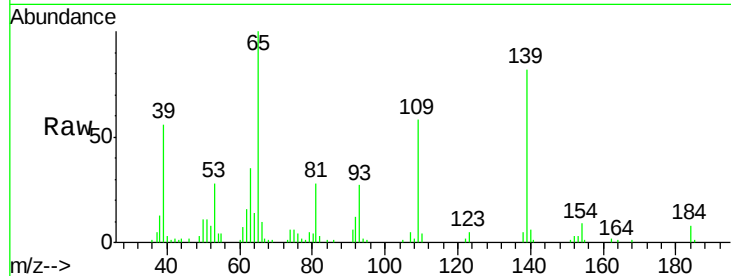
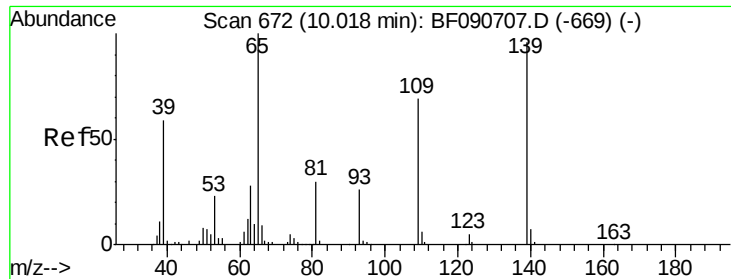
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#54
Dibenzofuran
Concen: 21.08 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	571546		
139	46.1	24.2	36.2#	
169	14.0	10.6	15.8	





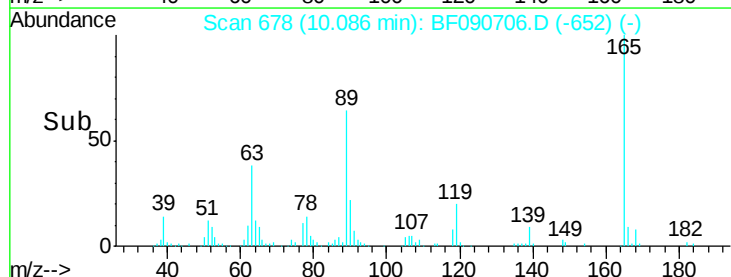
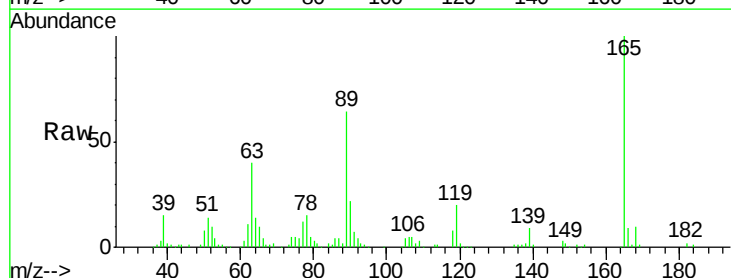
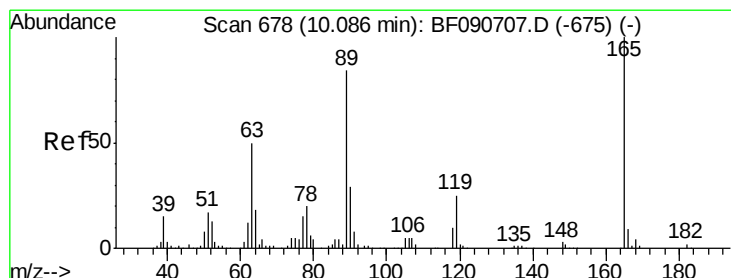
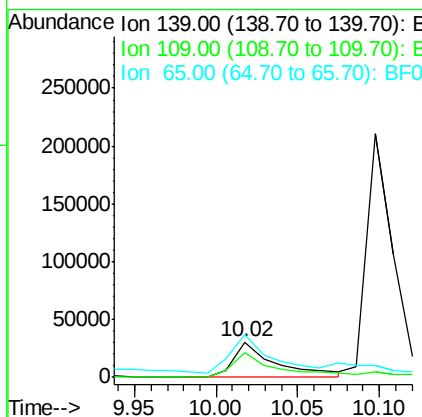
#55
4-Nitrophenol
Concen: 11.33 ng
RT: 10.02 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tot Ion	Ratio	Resp	Lower	Upper
139	100	53240		
109	71.0	12.7	52.7#	
65	122.2	45.9	85.9#	

Instrument :
BNA_F
ClientSampled :
SSTDICC025

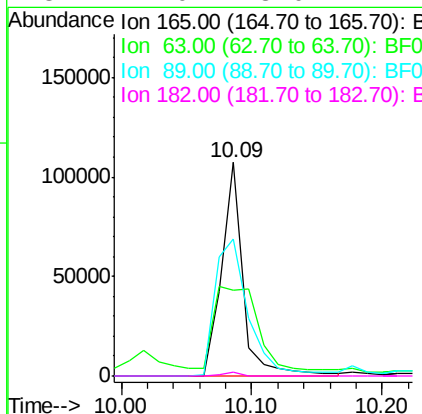
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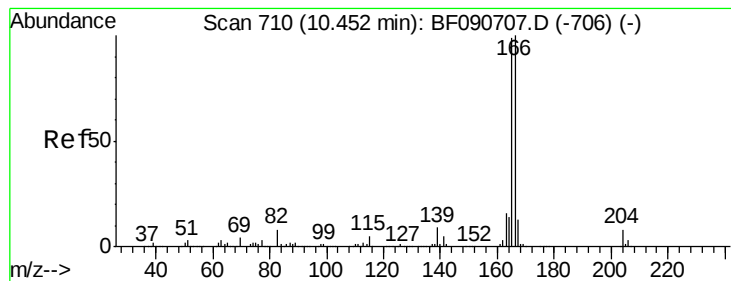
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#56
2,4-Dinitrotoluene
Concen: 21.45 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123990		
63	40.4	29.8	44.6	
89	64.3	44.5	66.7	
182	2.0	3.0	4.4#	





#57

Fluorene

Concen: 20.57 ng

RT: 10.44 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:166 Resp: 489030

Ion Ratio Lower Upper

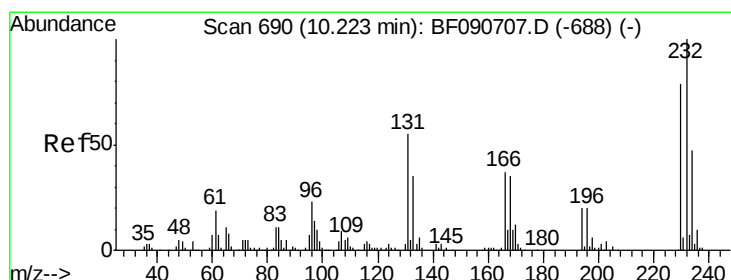
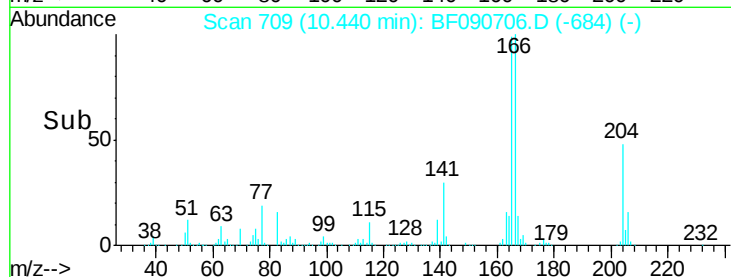
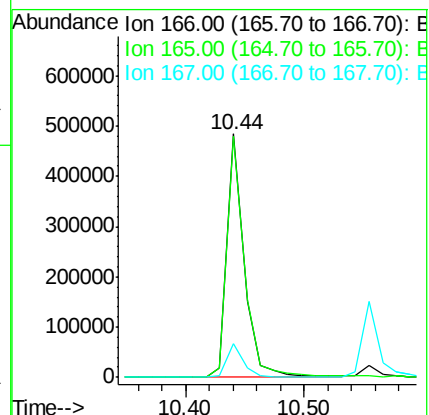
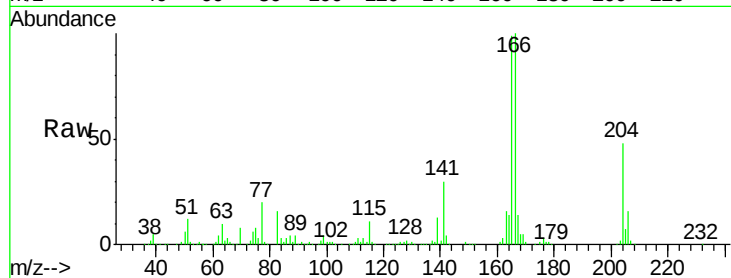
166 100

165 99.0 72.6 109.0

167 13.7 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 24.68 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:232 Resp: 106865

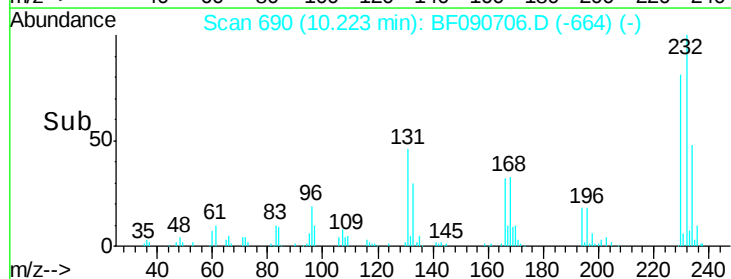
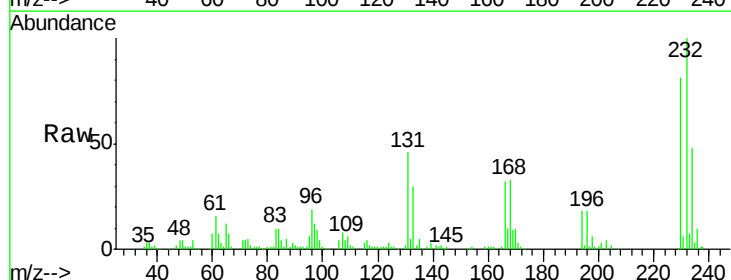
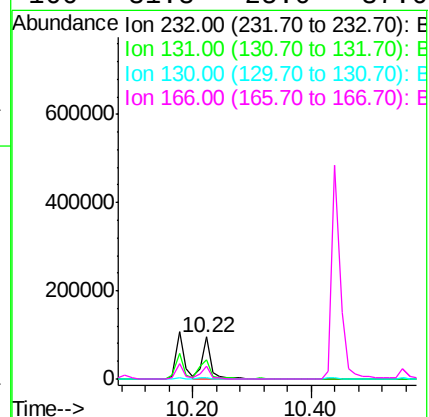
Ion Ratio Lower Upper

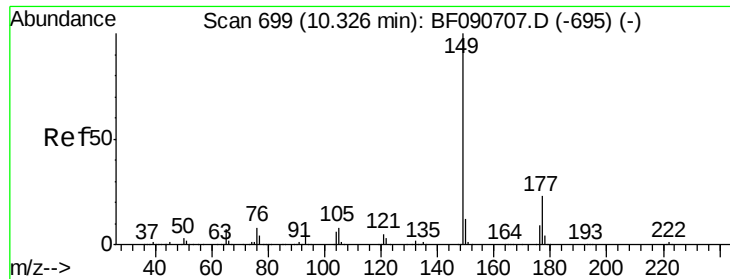
232 100

131 56.4 38.5 57.7

130 2.7 1.8 2.6#

166 31.8 25.0 37.6





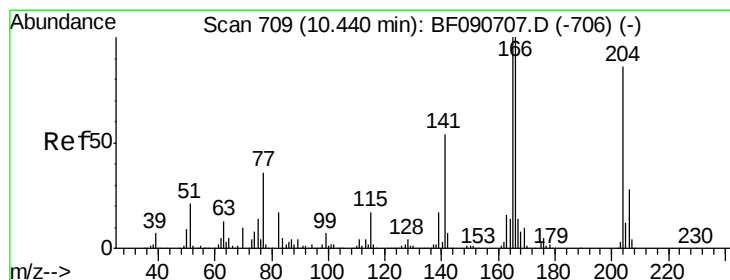
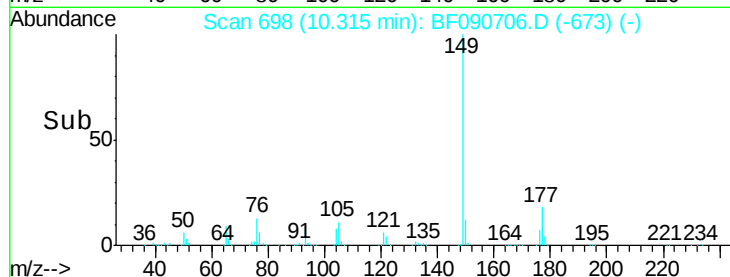
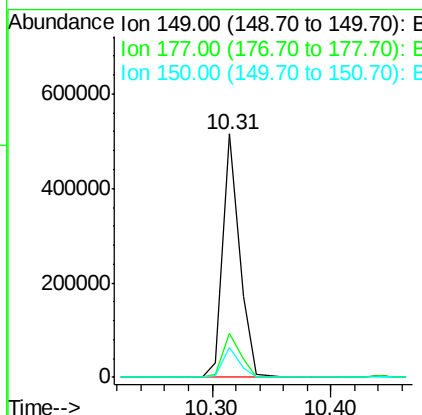
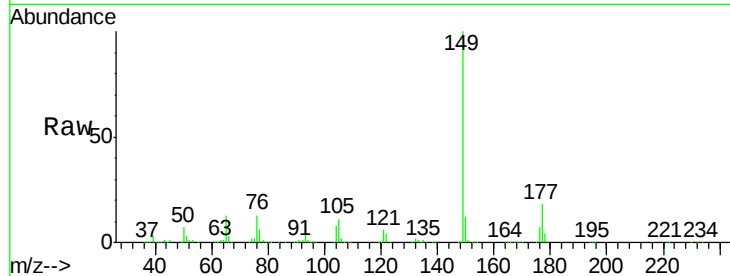
#59
Diethylphthalate
Concen: 24.98 ng
RT: 10.31 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.1	17.5	26.3
150	12.5	9.4	14.2

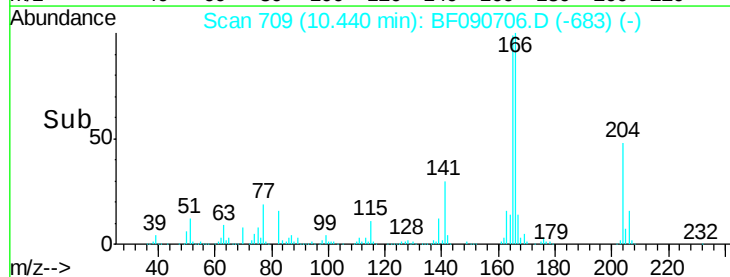
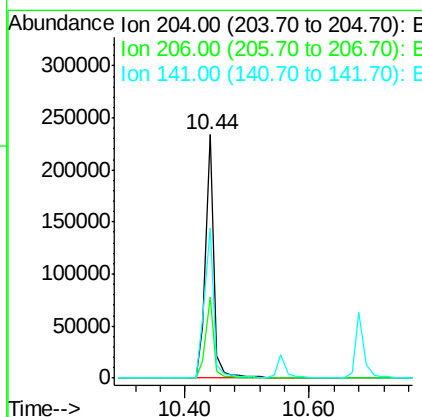
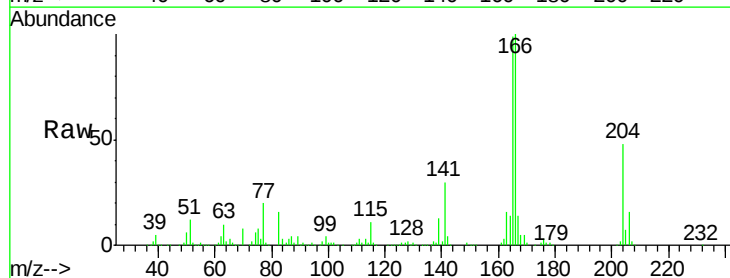
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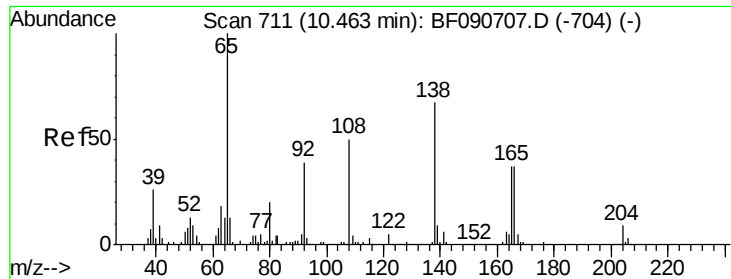
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#60
4-Chlorophenyl-phenylether
Concen: 23.88 ng
RT: 10.44 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	24.8	37.2
141	61.5	42.2	63.4





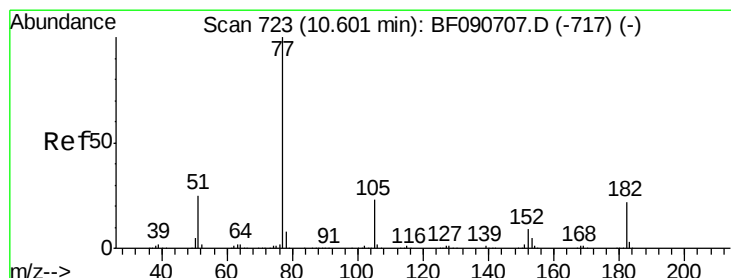
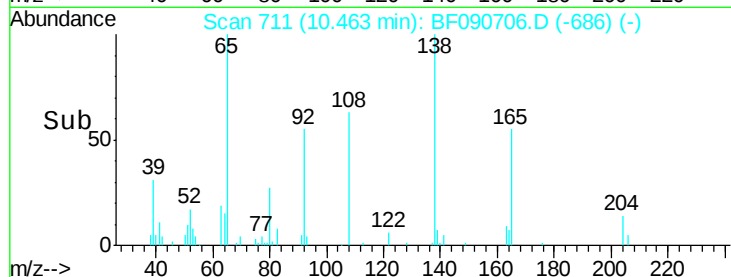
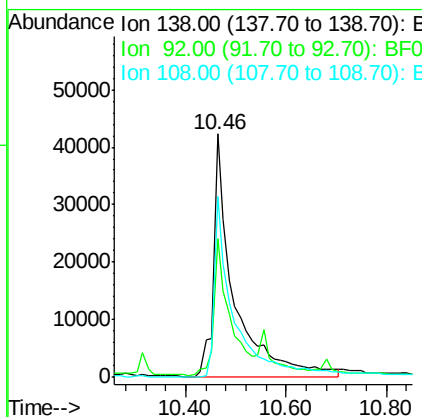
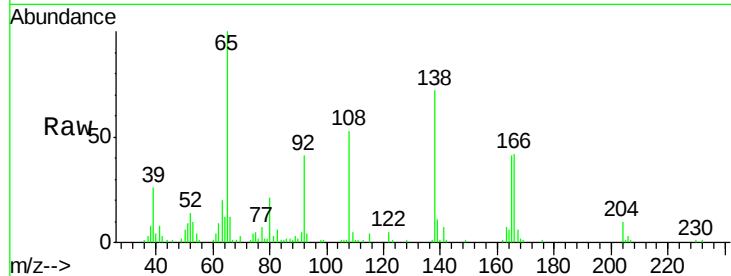
#61
4-Nitroaniline
Concen: 20.64 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.8	12.6	52.6#	
108	74.3	12.4	52.4#	

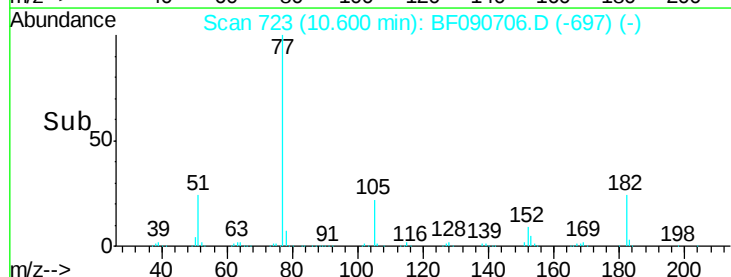
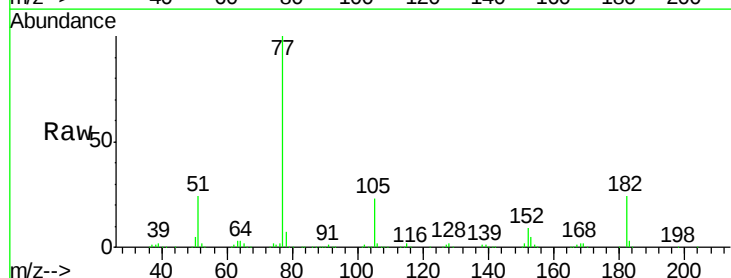
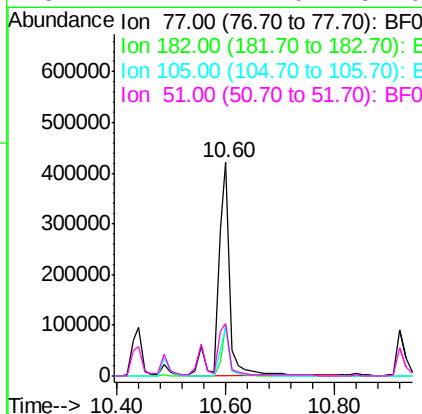
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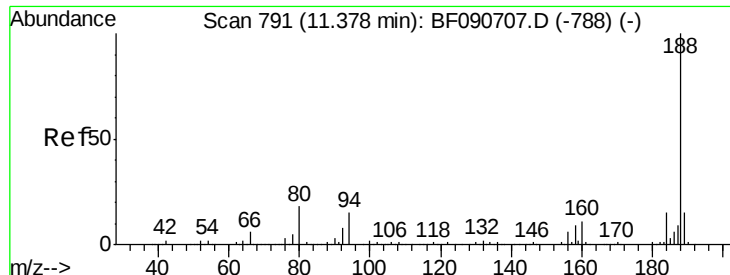
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#62
Azobenzene
Concen: 34.11 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.1	15.1	55.1	
105	23.1	3.4	43.4	
51	24.4	12.0	52.0	





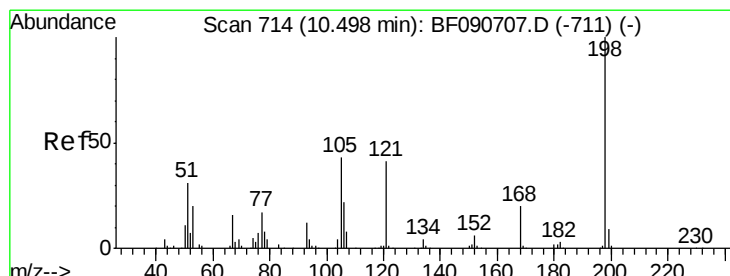
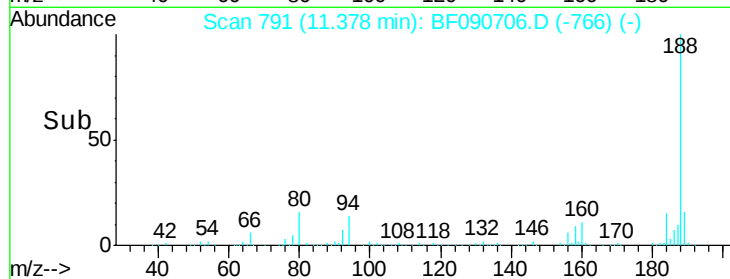
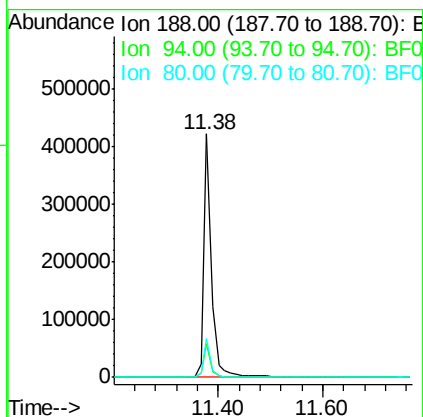
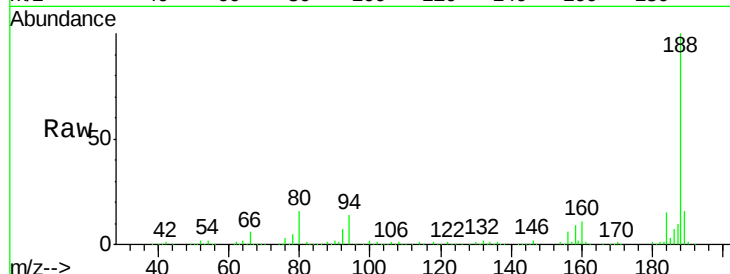
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
188	100	436471		
94	13.7		11.1	16.7
80	16.1		11.0	16.4

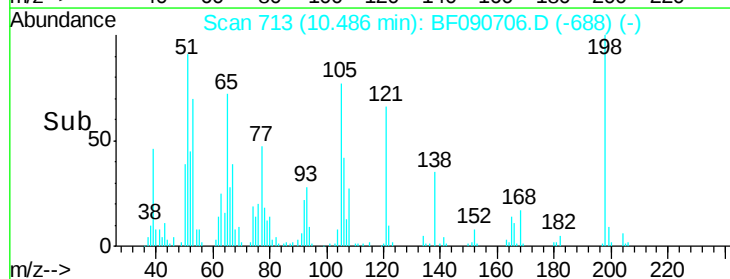
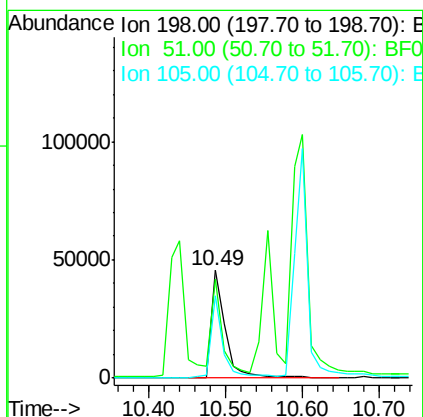
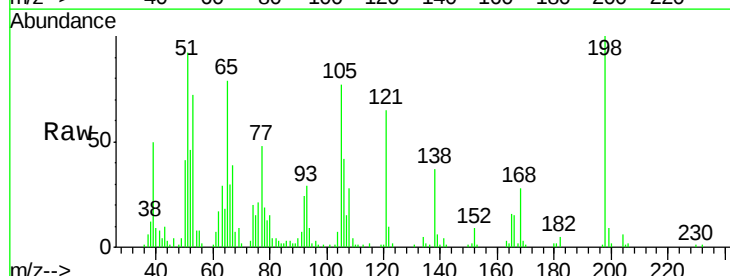
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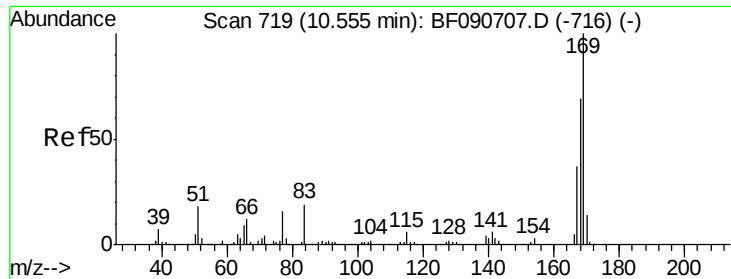
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.77 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	57097		
51	92.5		39.6	79.6#
105	76.7		28.5	68.5#





#65

n-Nitrosodiphenylamine

Concen: 24.22 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

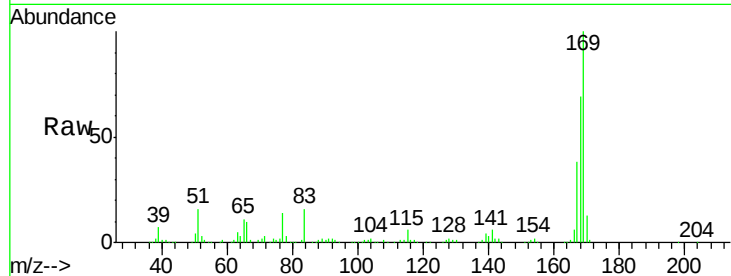
ClientSampleId :

SSTDIC025

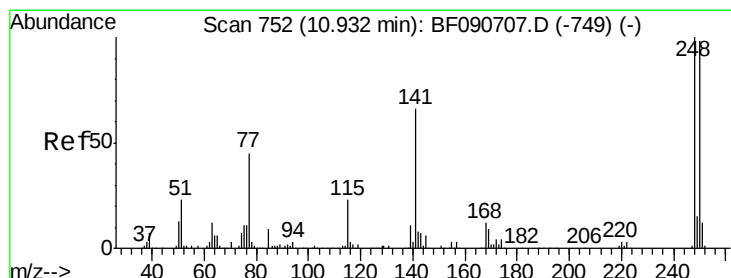
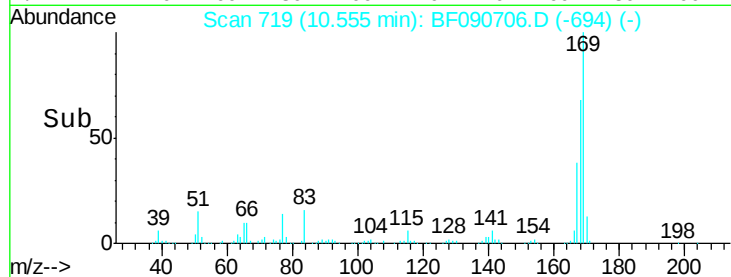
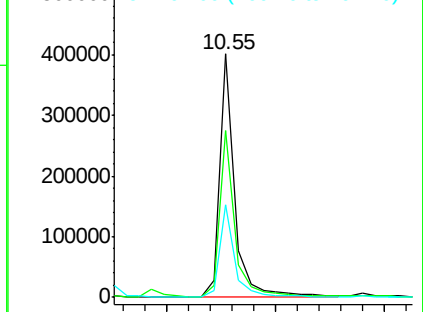
Tot Ion:	169	Resp:	389848
Ion Ratio	Lower	Upper	
169	100		
168	68.6	48.9	73.3
167	37.8	26.2	39.4

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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: 24.89 ng

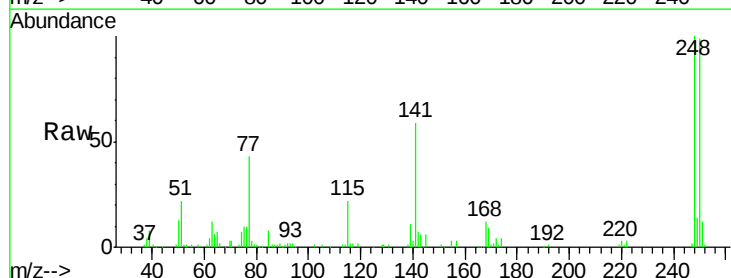
RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

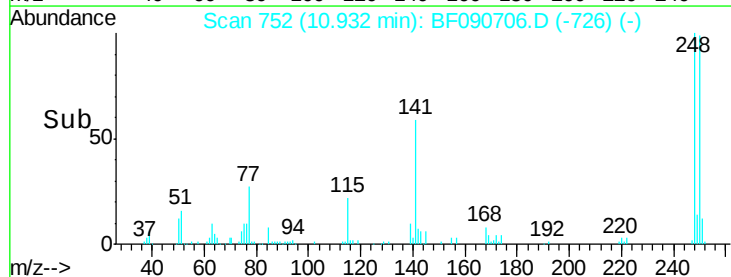
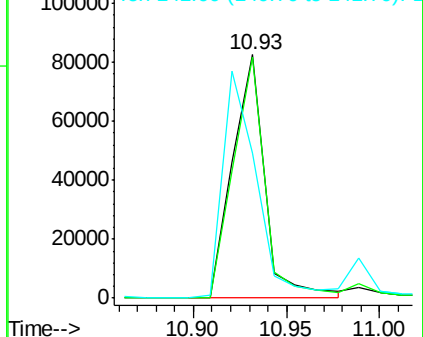
Lab File: BF090706.D

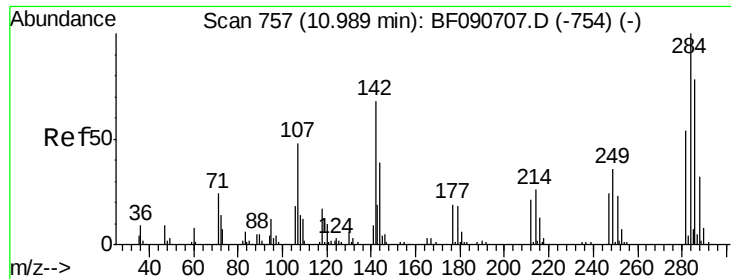
Acq: 21 Oct 2016 11:53

Tgt Ion:	248	Resp:	100517
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.5	117.7
141	59.3	59.0	88.6



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





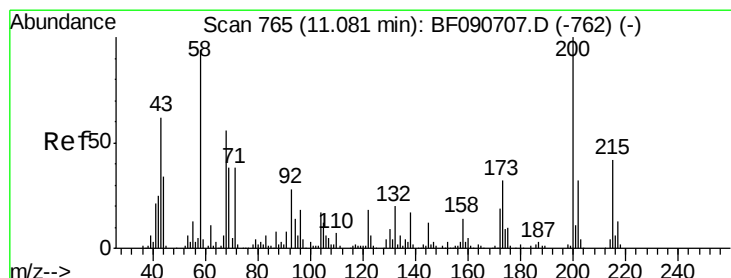
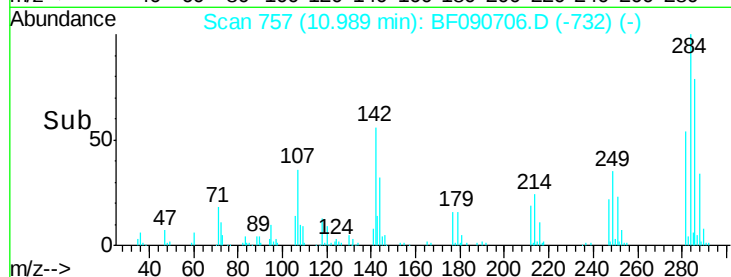
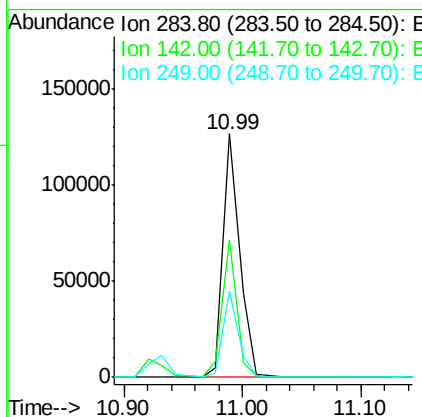
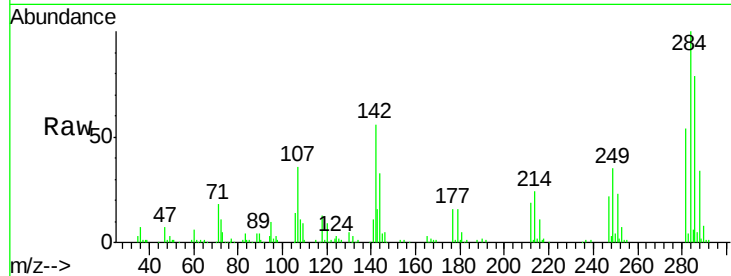
#67
Hexachlorobenzene
Concen: 28.08 ng
RT: 10.99 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	56.3	29.5	44.3#
249	35.2	19.5	29.3#

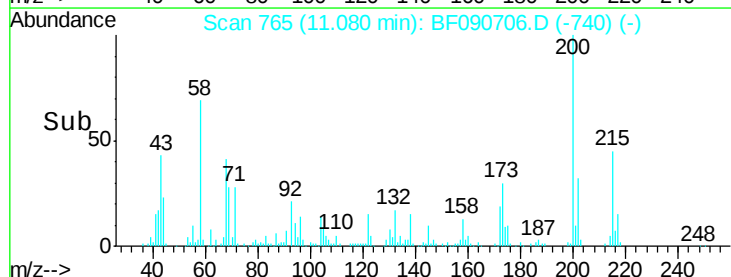
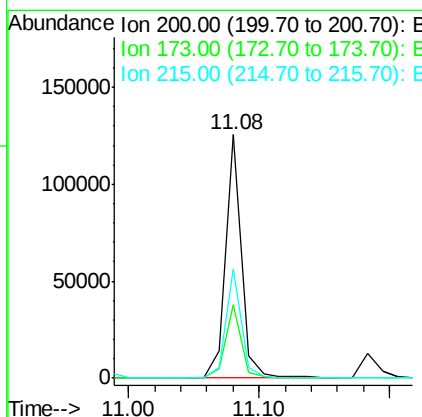
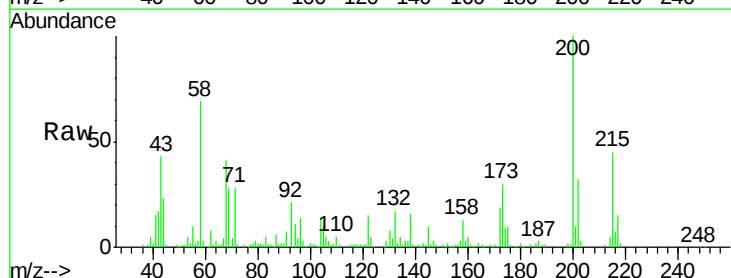
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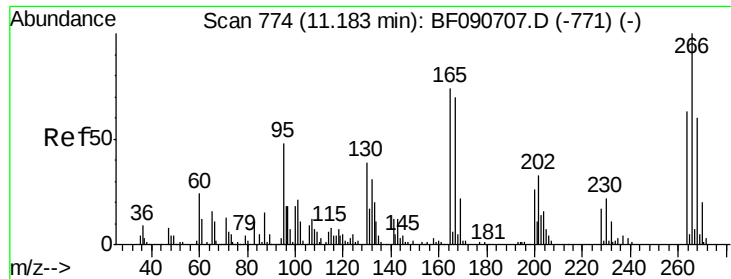
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#68
Atrazine
Concen: 28.93 ng
RT: 11.08 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	13.2	53.2
215	44.7	41.8	81.8





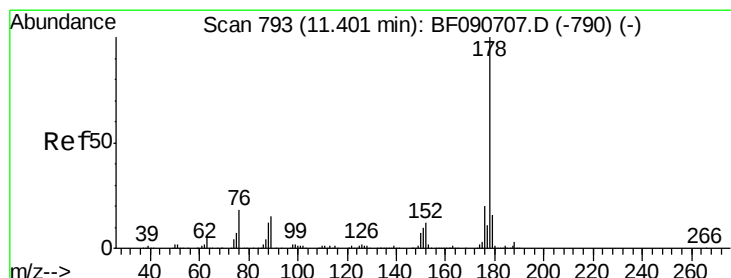
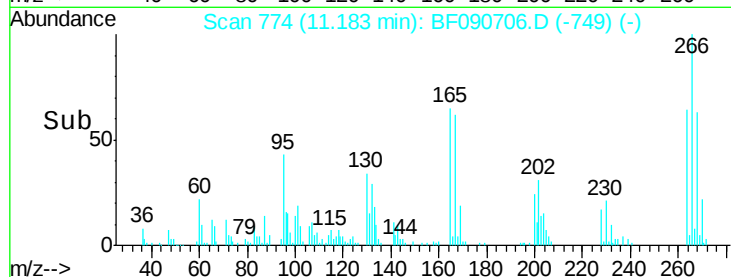
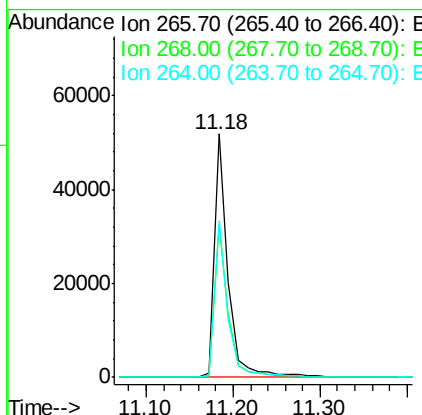
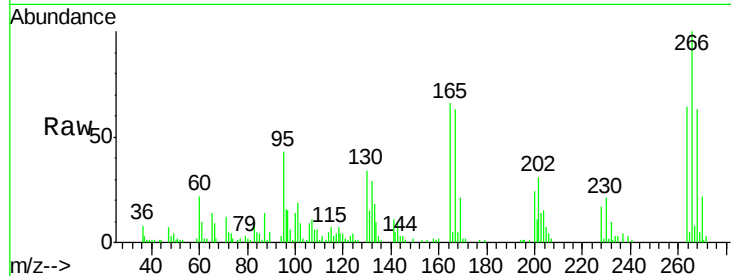
#69
 Pentachlorophenol
 Concen: 20.78 ng
 RT: 11.18 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
266	100	57322		
268	62.8		49.8	74.6
264	64.5		50.2	75.2

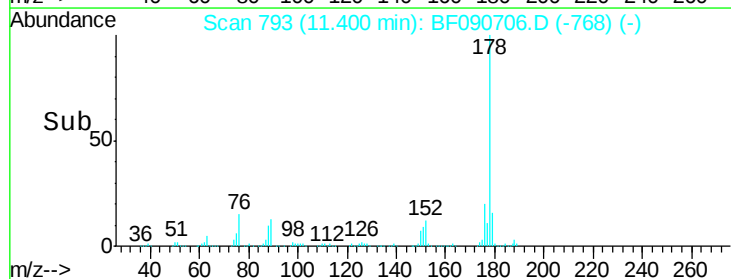
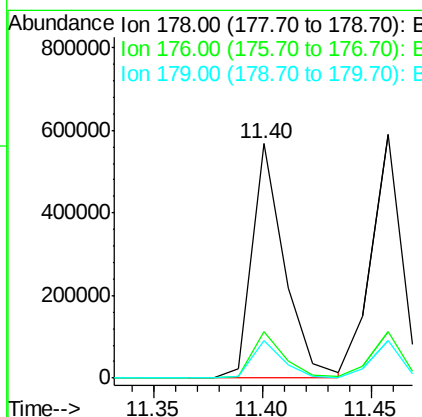
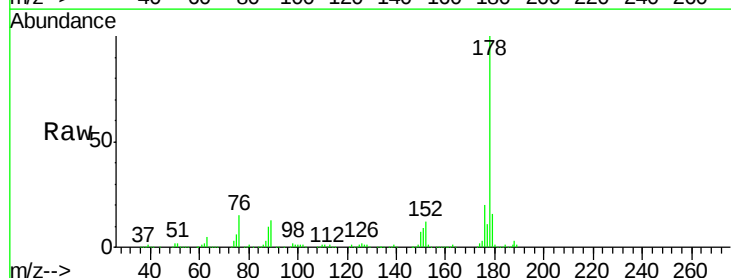
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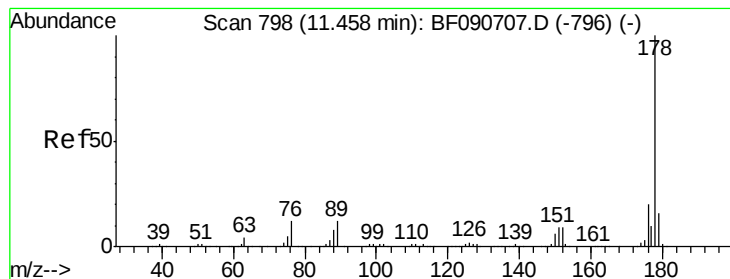
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#70
 Phenanthrene
 Concen: 21.78 ng
 RT: 11.40 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	586392		
176	19.8		13.8	20.8
179	15.9		12.2	18.2





#71

Anthracene

Concen: 24.26 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

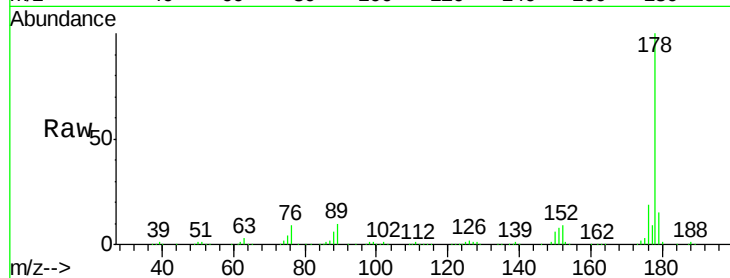
ClientSampleId :

SSTDIC025

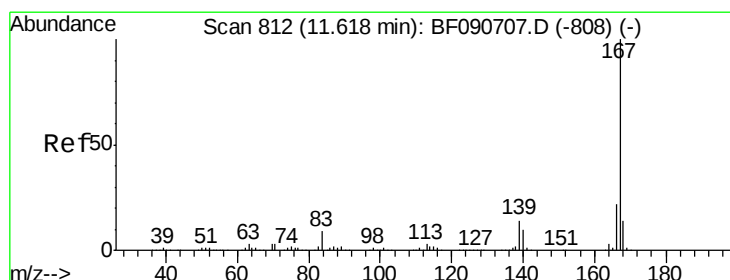
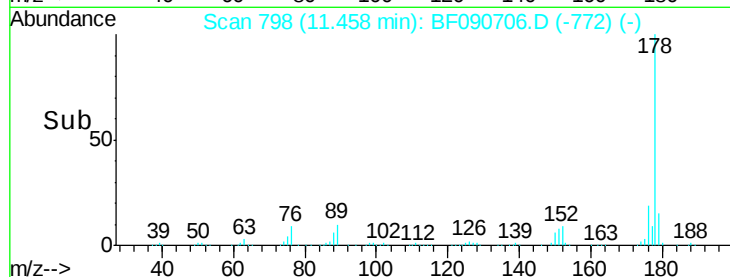
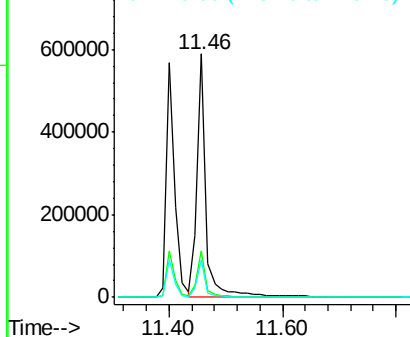
Tot Ion:	178	Resp:	647515
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.1	21.1
179	15.2	12.2	18.2

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



#72

Carbazole

Concen: 21.80 ng

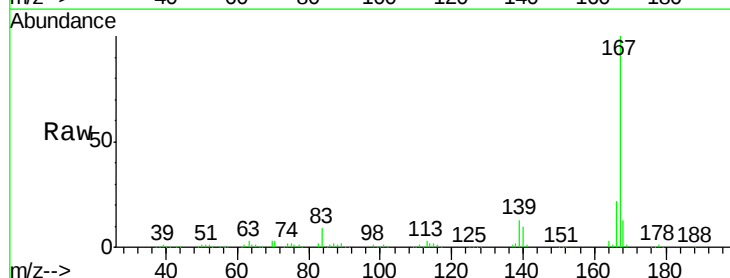
RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

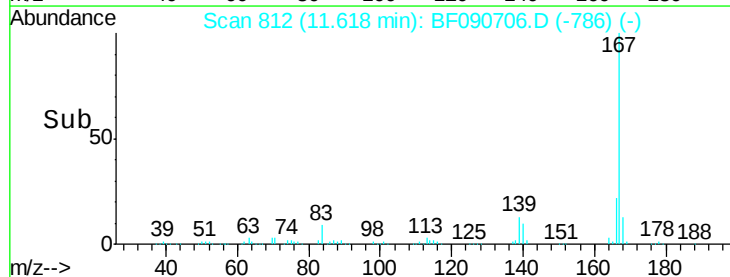
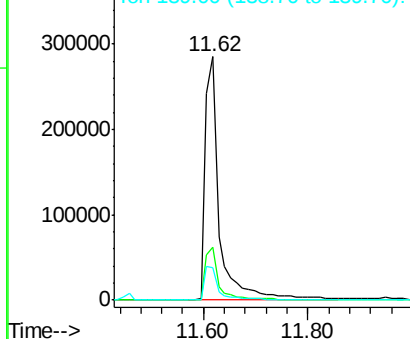
Lab File: BF090706.D

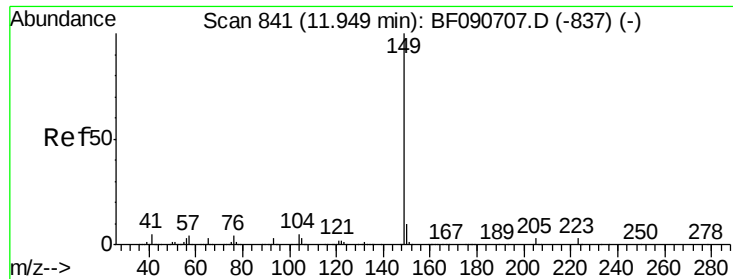
Acq: 21 Oct 2016 11:53

Tgt Ion:	167	Resp:	536954
Ion Ratio	Lower	Upper	
167	100		
166	21.7	15.7	23.5
139	13.2	9.5	14.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 24.41 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

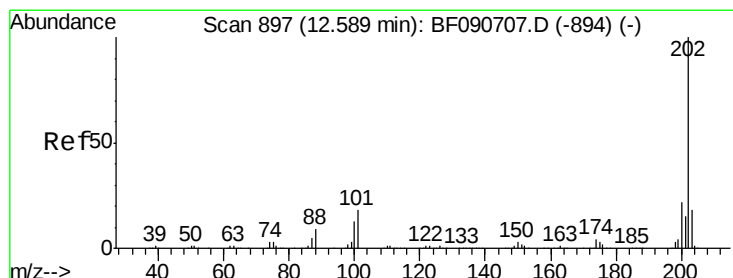
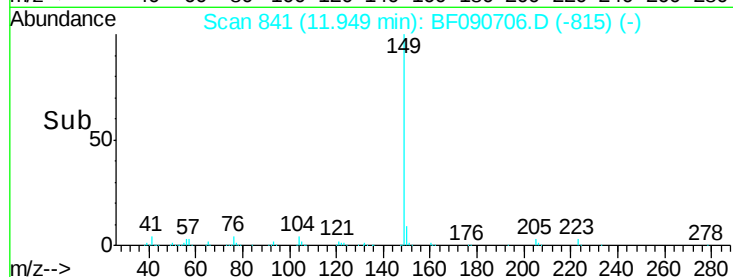
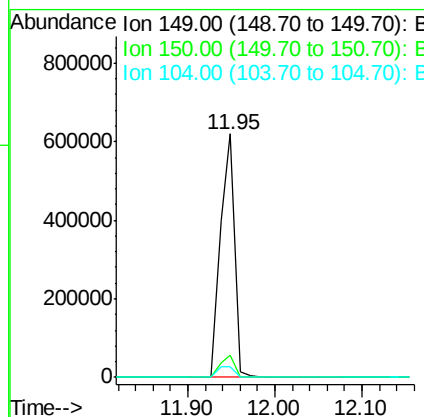
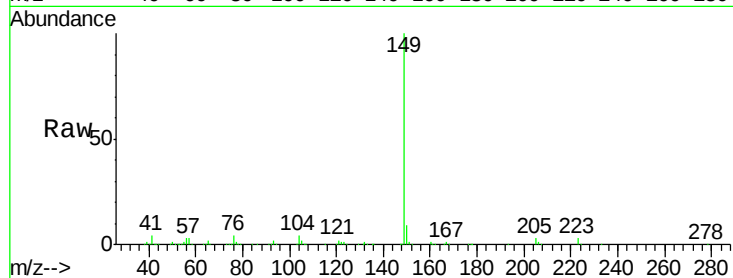
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	717951
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.2
104	4.1	2.4	3.6#

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#74

Fluoranthene

Concen: 25.06 ng

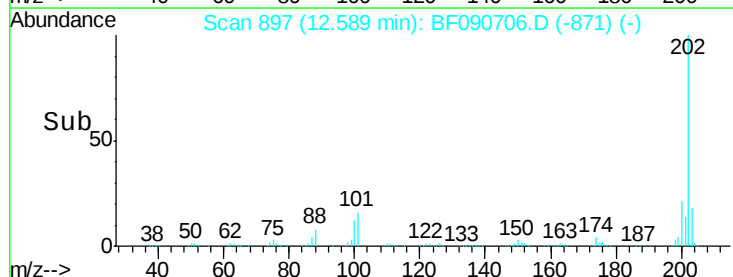
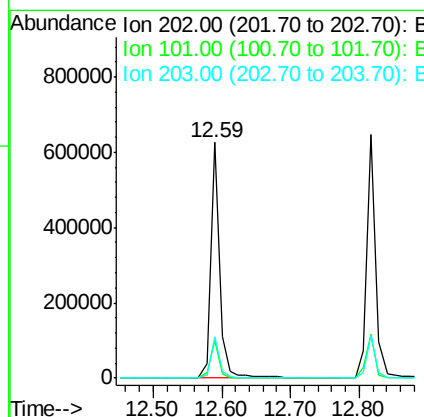
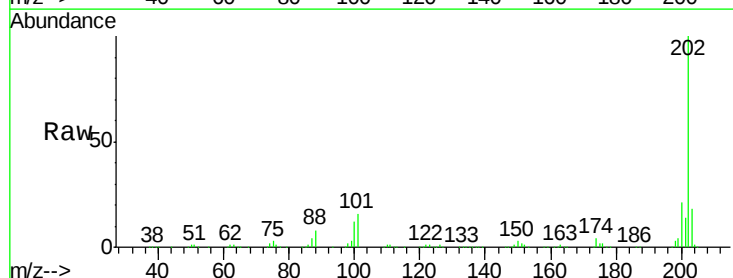
RT: 12.59 min Scan# 897

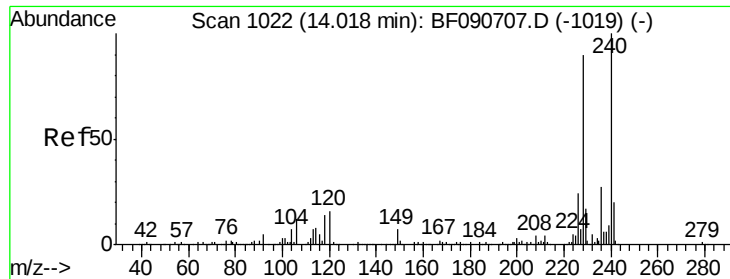
Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Tgt Ion:	202	Resp:	575260
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	38.3
203	17.6	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

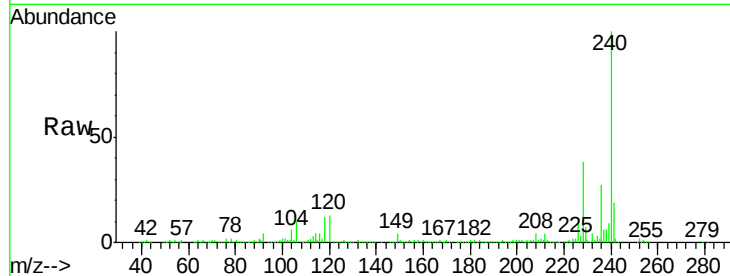
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	16.2	24.2#
236	26.6	18.4	27.6

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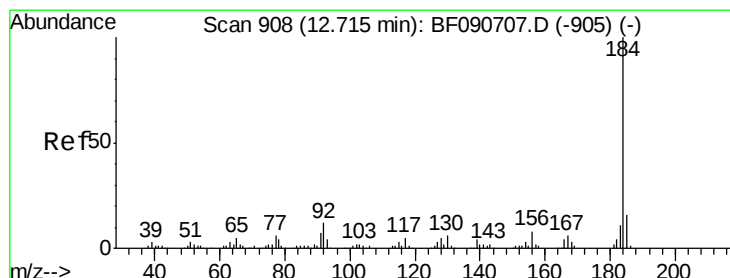
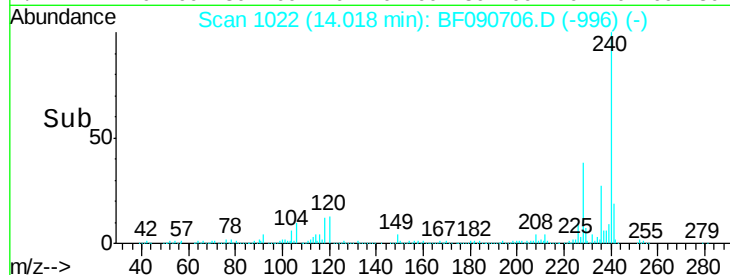
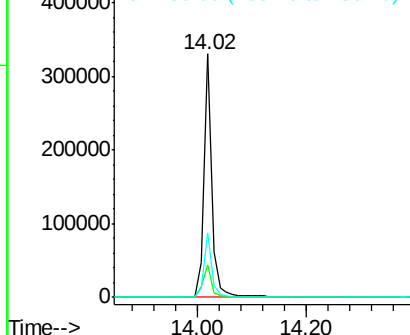
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.73 ng

RT: 12.71 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF090706.D

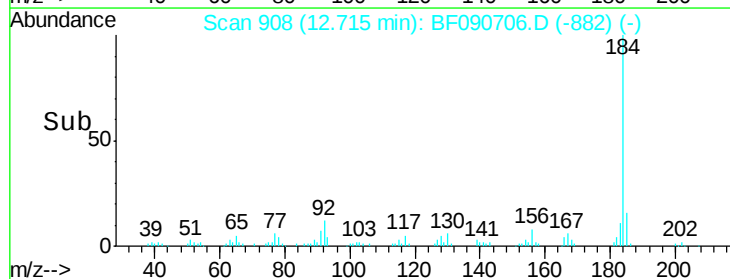
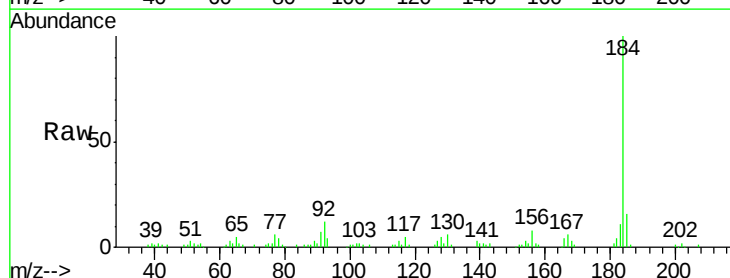
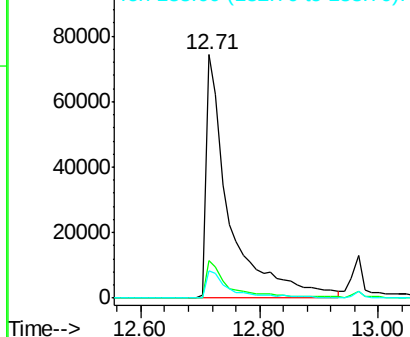
Acq: 21 Oct 2016 11:53

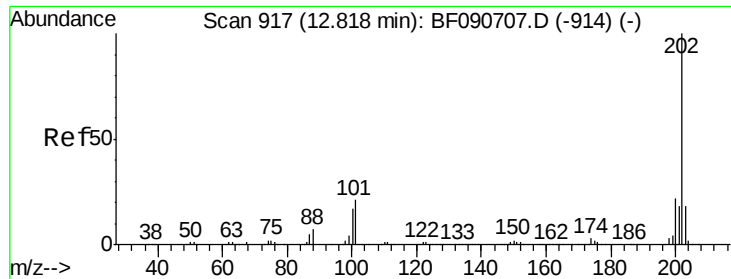
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.6
183	11.4	7.6	11.4

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





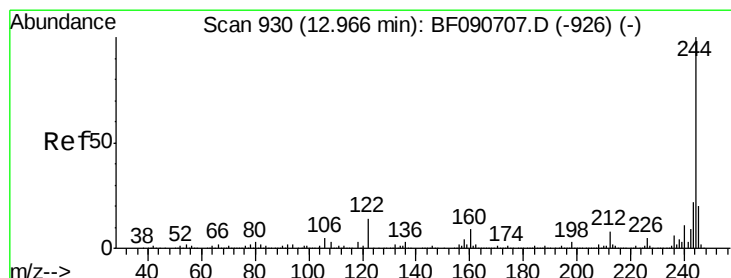
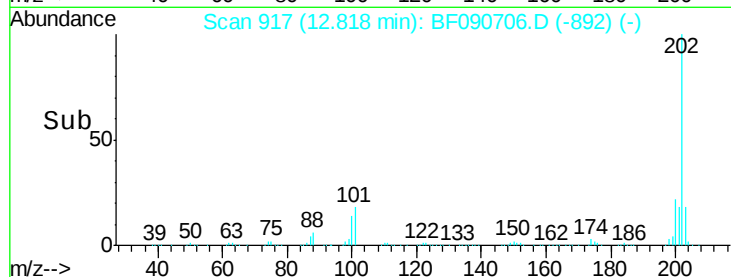
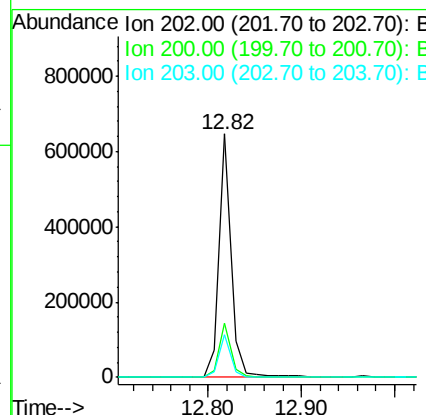
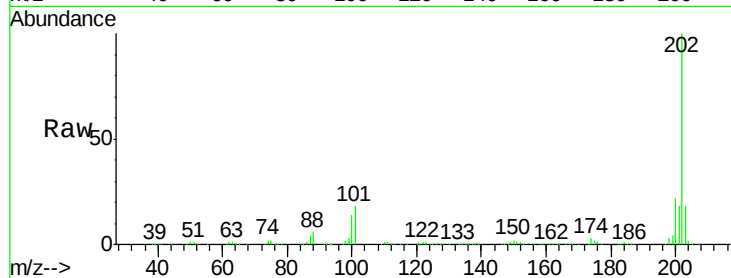
#77
Pvrene
Concen: 22.03 ng
RT: 12.82 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	17.7	14.1	21.1

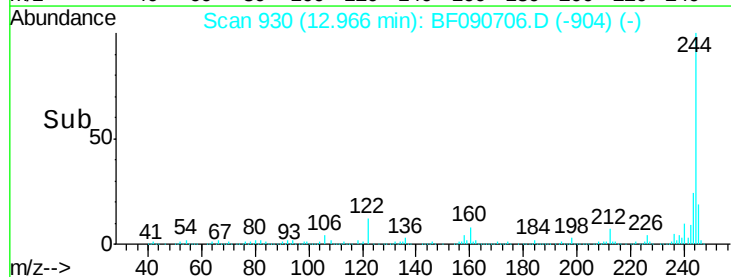
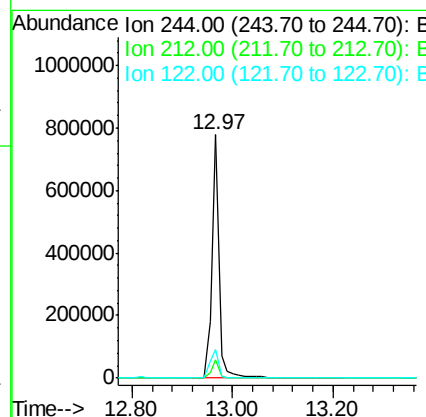
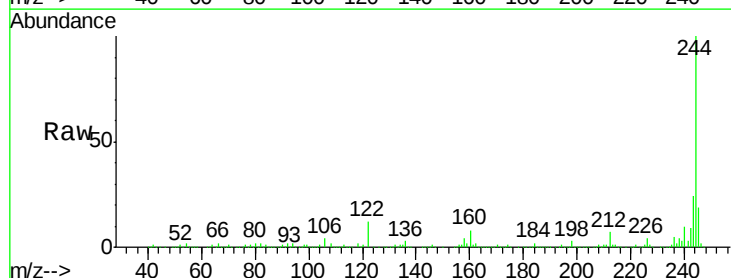
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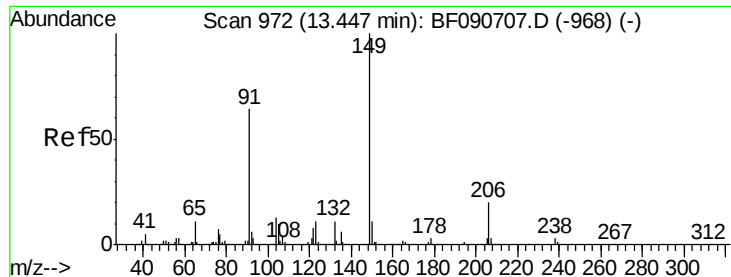
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#78
Terphenyl-d14
Concen: 45.92 ng
RT: 12.97 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	11.6	17.4	26.2#





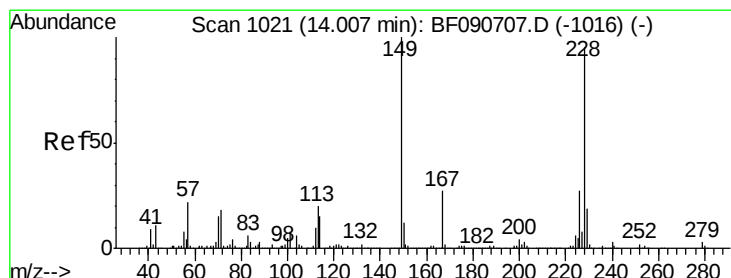
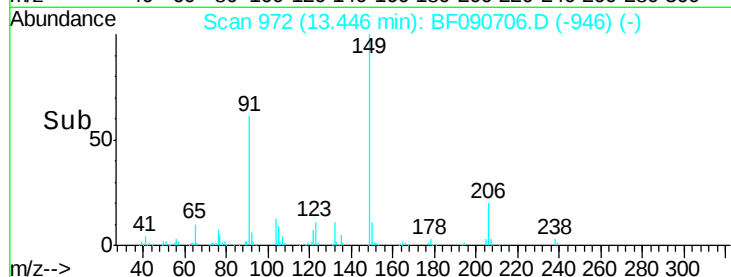
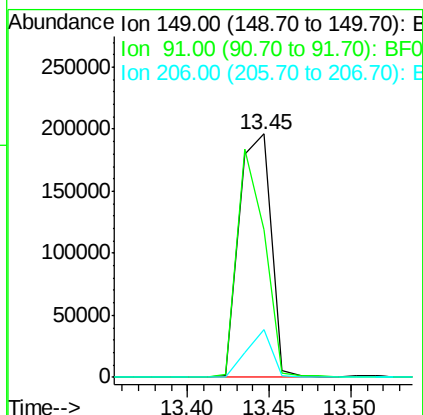
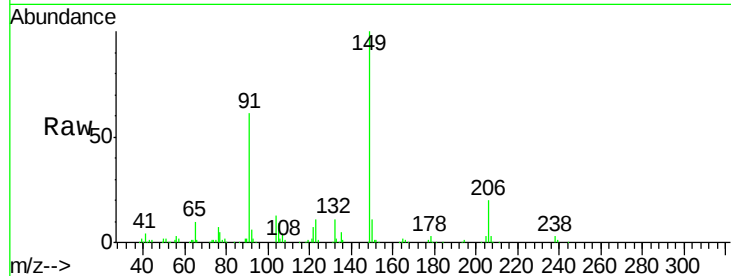
#79
Butylbenzylphthalate
Concen: 21.86 ng
RT: 13.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.8	48.6	72.8
206	19.7	14.9	22.3

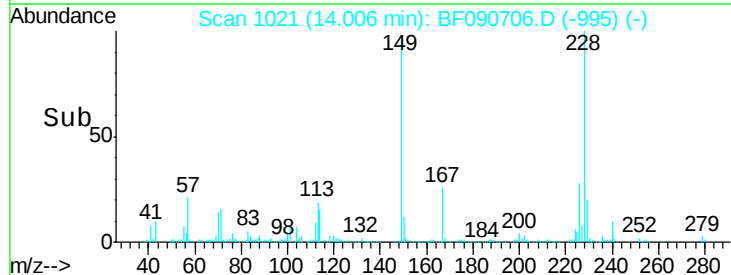
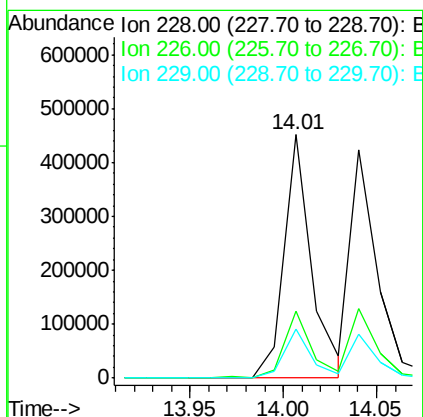
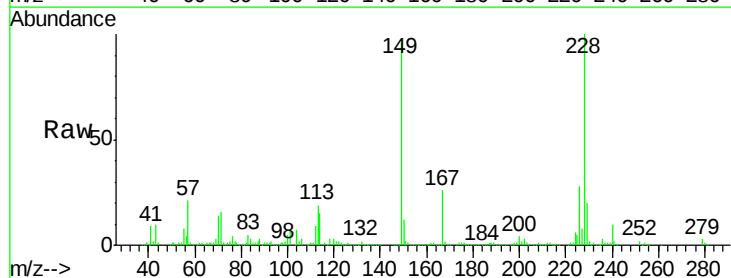
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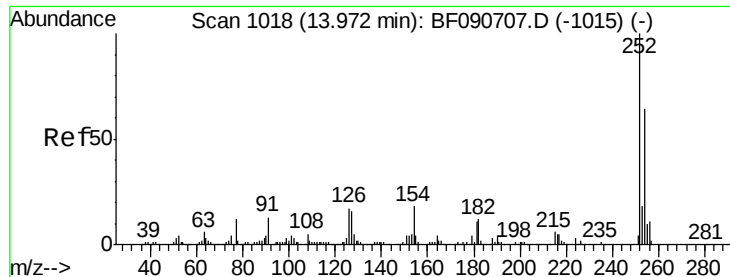
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#80
Benzo(a)anthracene
Concen: 23.16 ng
RT: 14.01 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	20.2	15.4	23.2





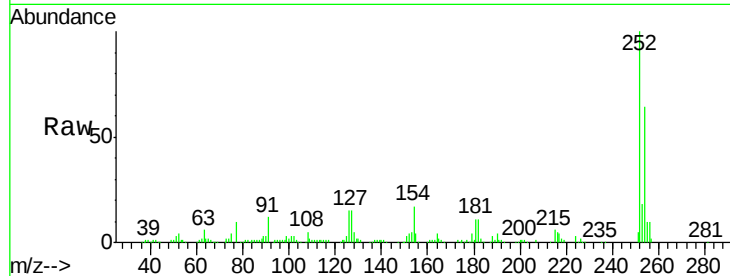
#81
 3,3'-Dichlorobenzidine
 Concen: 27.05 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

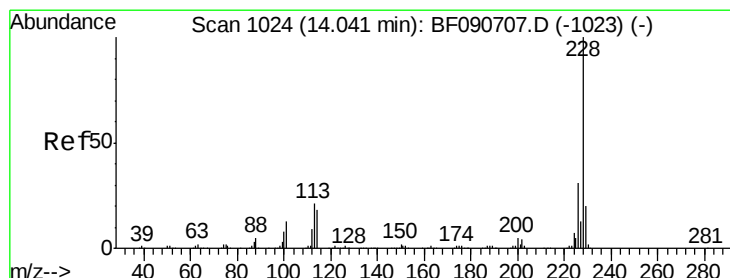
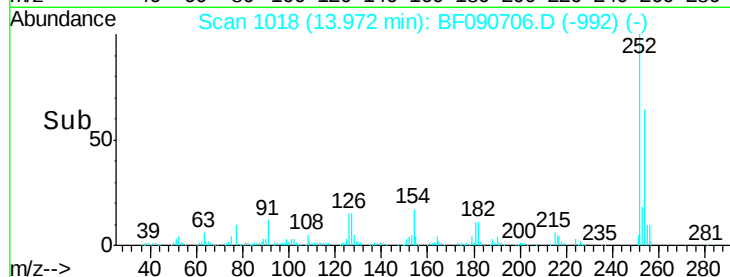
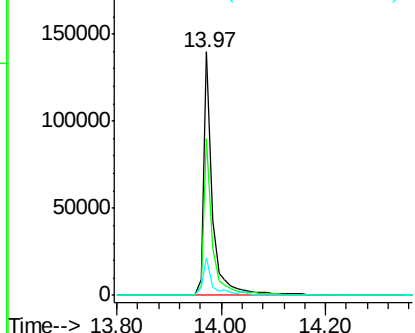
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	51.4	77.2
126	15.4	16.4	24.6

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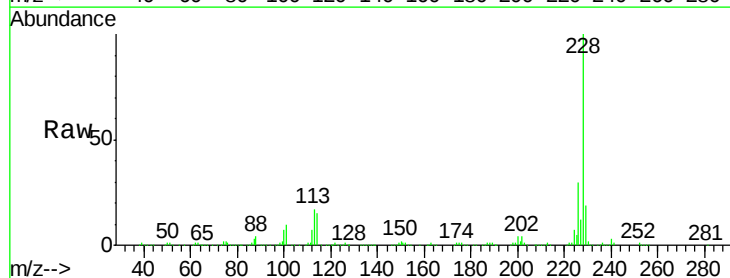


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

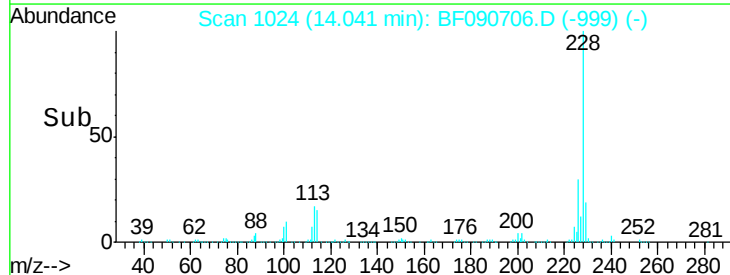
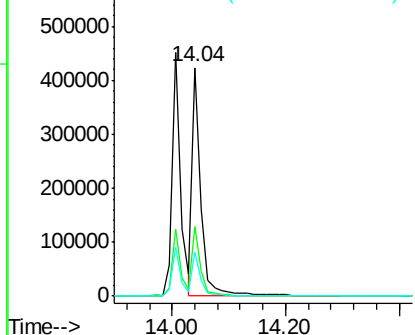


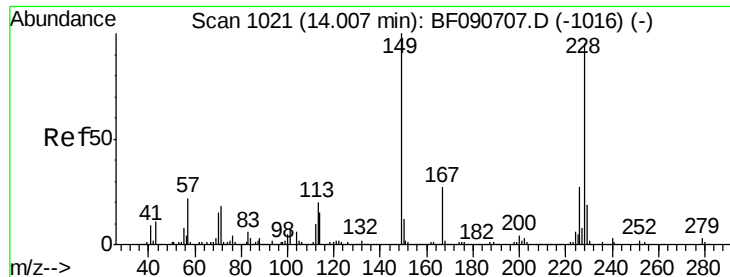
#82
 Chrysene
 Concen: 23.99 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	21.0	31.4
229	19.5	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.79 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF090706.D

Acq: 21 Oct 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 408711
Ion Ratio Lower Upper

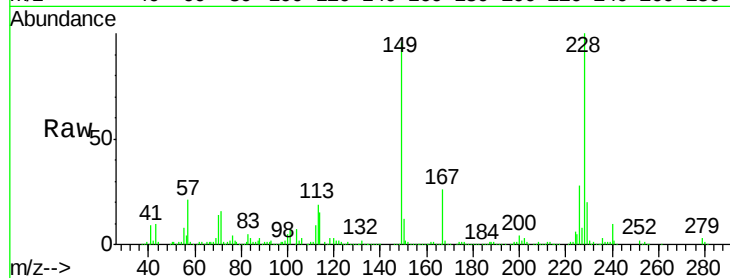
149 100

167 26.5 24.2 36.2

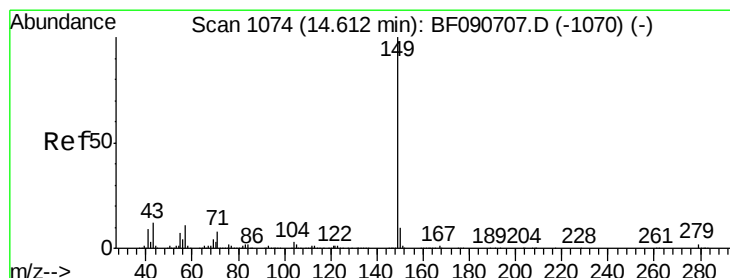
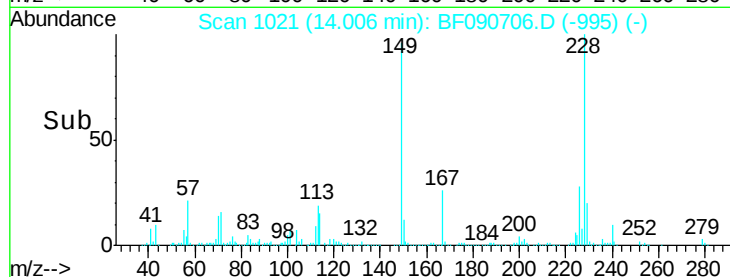
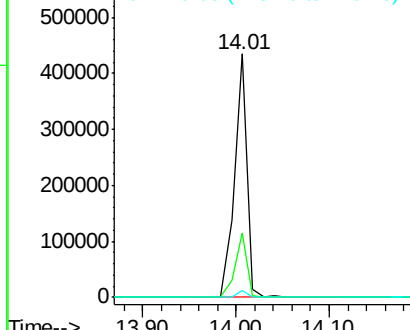
279 3.1 3.8 5.6#

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



#84

Di-n-octyl phthalate

Concen: 24.19 ng

RT: 14.61 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF090706.D

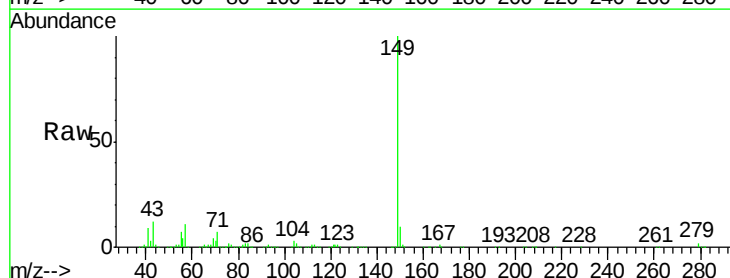
Acq: 21 Oct 2016 11:53

Tgt Ion:149 Resp: 621431
Ion Ratio Lower Upper

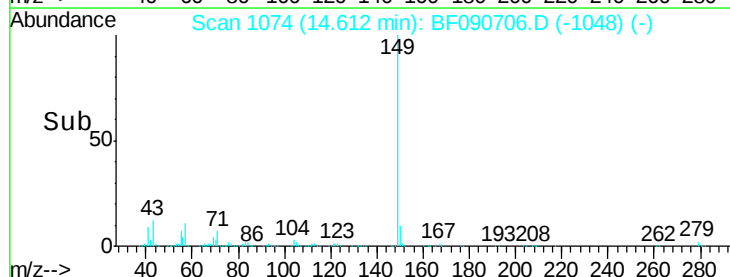
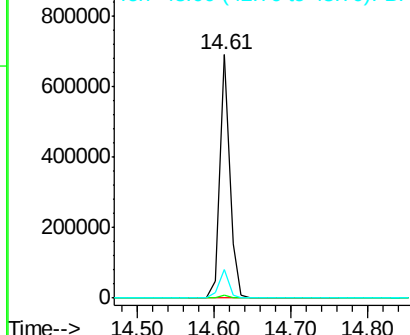
149 100

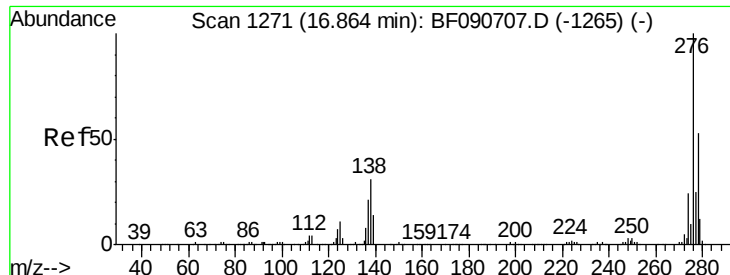
167 1.3 1.0 1.6

43 11.7 10.2 15.2



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





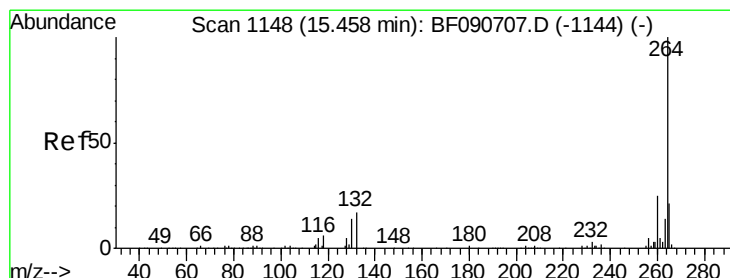
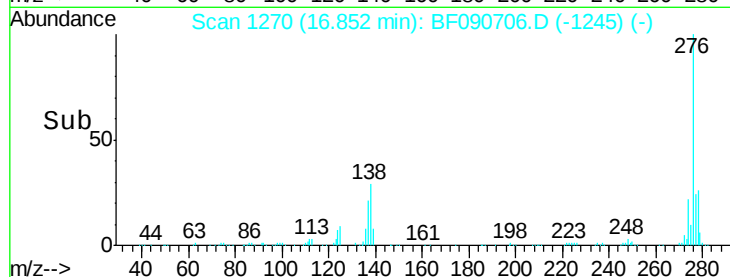
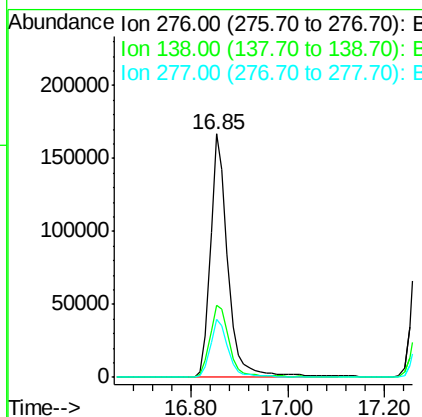
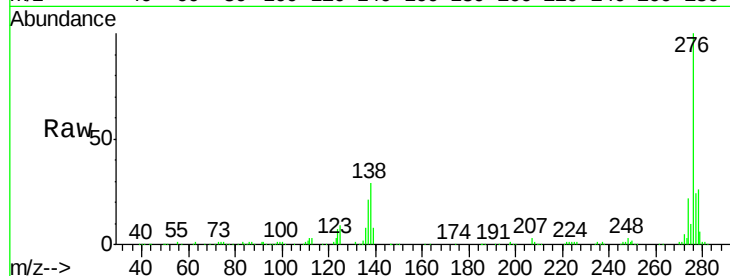
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.25 ng
RT: 16.85 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.7	38.5
277	24.8	15.6	23.4

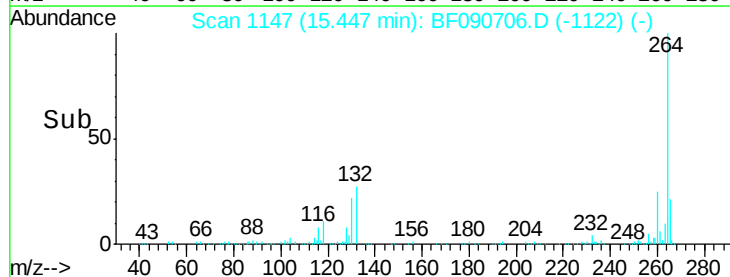
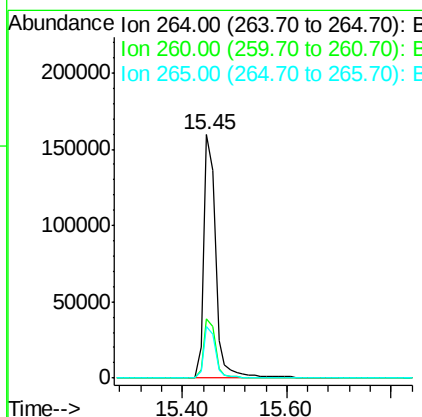
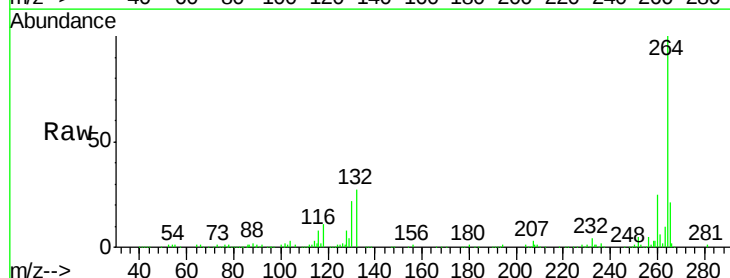
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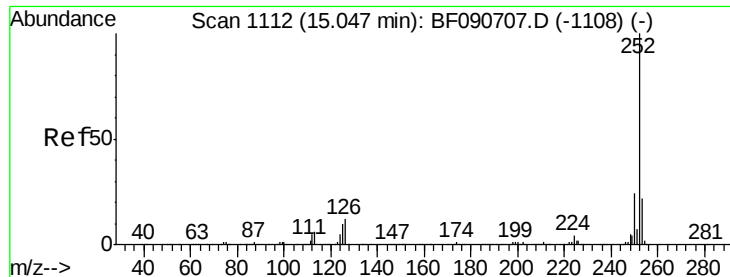
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.2	17.2	25.8





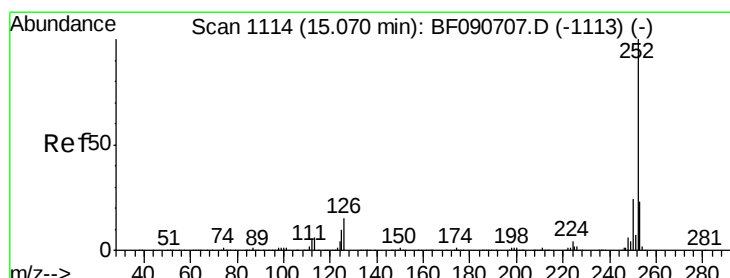
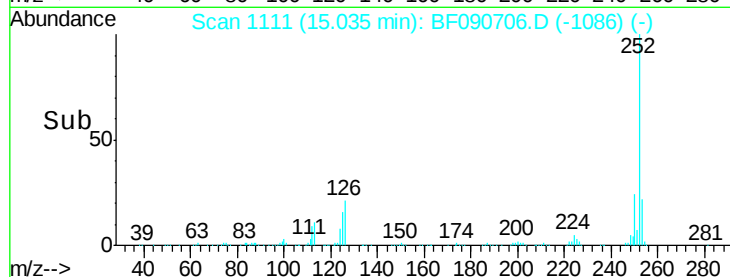
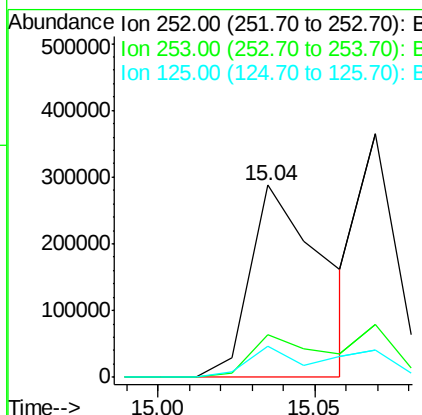
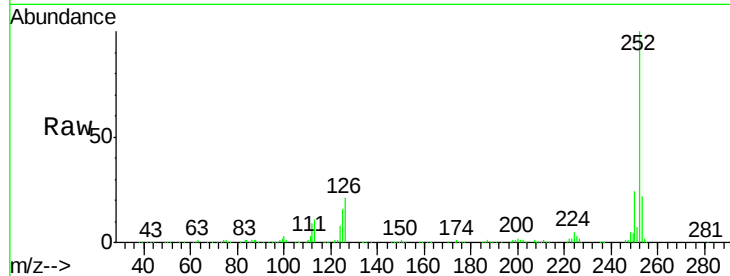
#87
Benzo(b)fluoranthene
Concen: 29.26 ng m
RT: 15.04 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.9	17.1	25.7

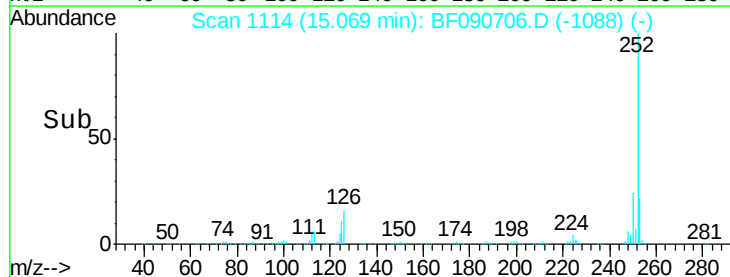
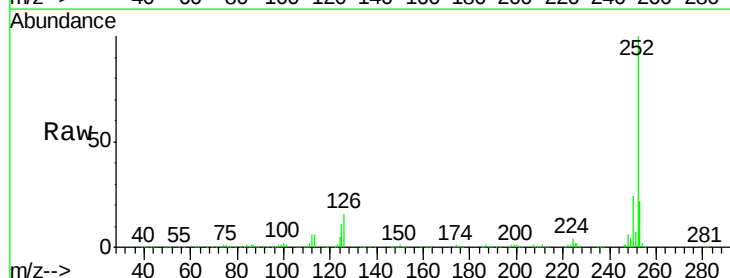
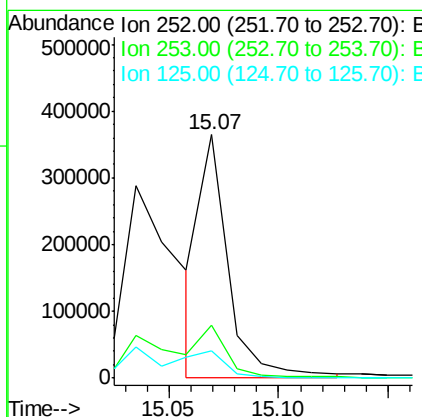
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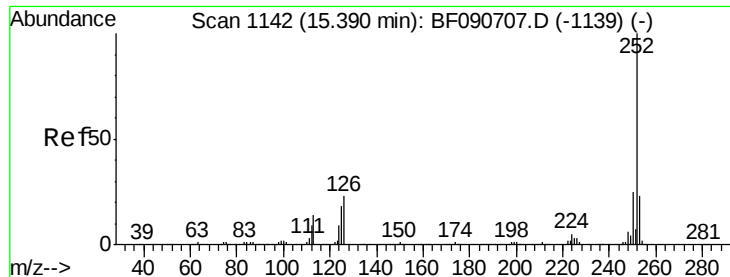
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#88
Benzo(k)fluoranthene
Concen: 20.01 ng m
RT: 15.07 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	11.0	16.0	24.0





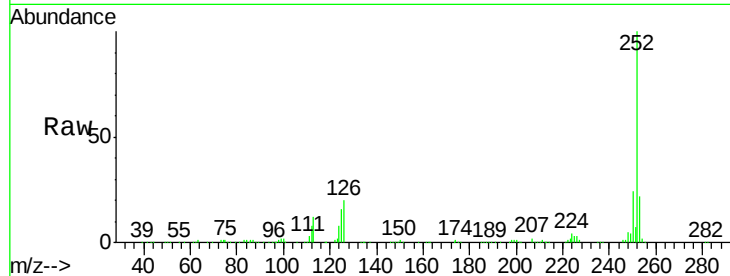
#89
Benzo(a)pyrene
Concen: 24.72 ng
RT: 15.39 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

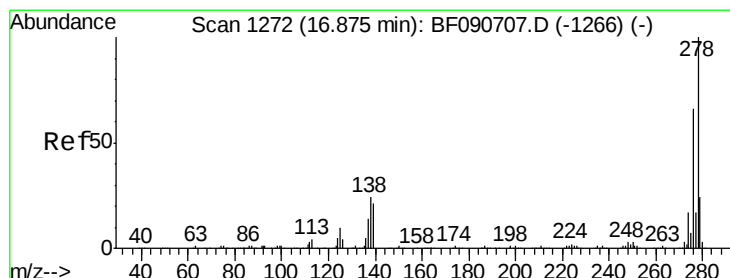
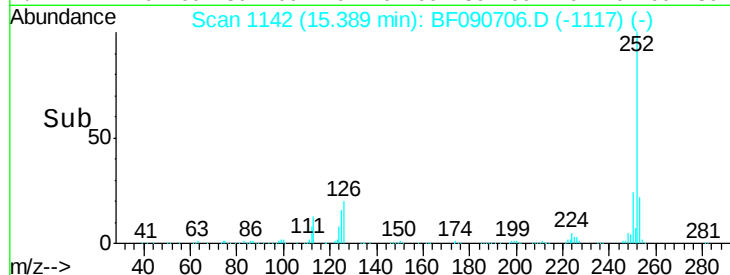
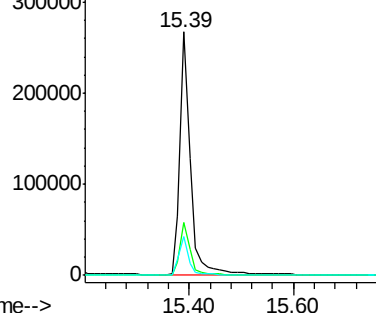
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	15.8	18.0	27.0

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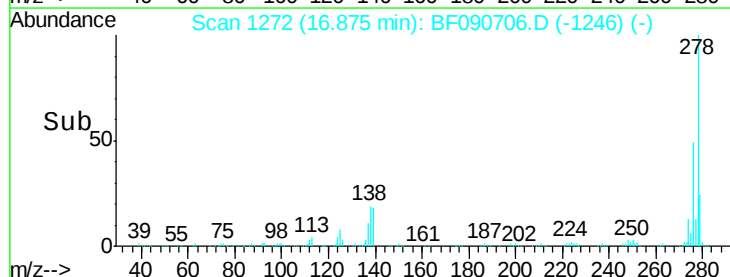
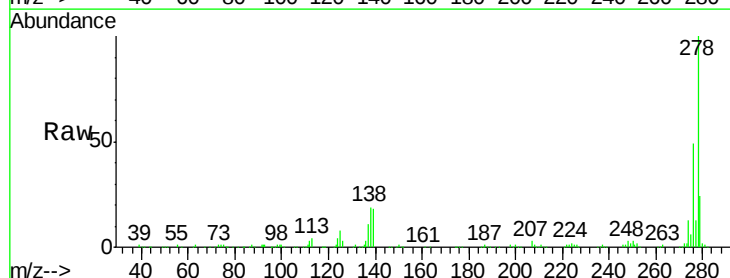
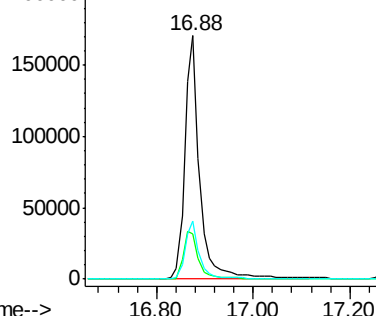
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

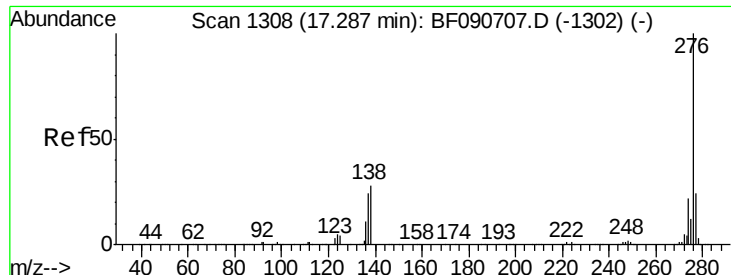


#90
Dibenzo(a,h)anthracene
Concen: 28.64 ng
RT: 16.88 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF090706.D
Acq: 21 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	26.3	39.5
279	24.0	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





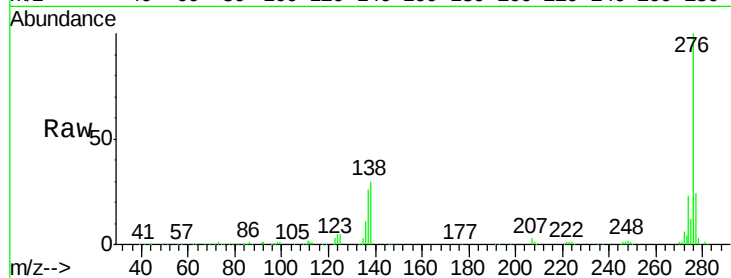
#91
 Benzo(a,h,i)perylene
 Concen: 27.05 ng
 RT: 17.28 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF090706.D
 Acq: 21 Oct 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	17.8	26.6
138	30.4	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:51:03 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

