

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090720.D
 Acq On : 21 Oct 2016 19:58
 Operator : UM/SJ
 Sample : PB94262BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:16 PM

Quant Time: Oct 24 10:54:37 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 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244201	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1026336	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	544279	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	780789	20.00	ng	0.00
75) Chrysene-d12	14.03	240	663793	20.00	ng	0.01
86) Perylene-d12	15.46	264	474023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2034815	134.38	ng	0.02
7) Phenol-d6	6.51	99	2683150	130.82	ng	0.01
23) Nitrobenzene-d5	7.42	82	1922451	102.74	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	730940	169.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3367890	96.06	ng	0.00
78) Terphenyl-d14	12.98	244	2995572	103.43	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	315338	35.99	ng	# 80
3) Pyridine	3.33	79	799854	38.96	ng	# 76
4) n-Nitrosodimethylamine	3.30	42	320008	45.56	ng	# 77
6) Aniline	6.53	93	600402	25.82	ng	# 82
8) 2-Chlorophenol	6.65	128	784877	43.18	ng	91
9) Benzaldehyde	6.41	77	195495	17.43	ng	# 78
10) Phenol	6.52	94	1083792	47.01	ng	73
11) bis(2-Chloroethyl)ether	6.60	93	882468	45.56	ng	93
12) 1,3-Dichlorobenzene	6.79	146	817425	44.77	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	877300	45.30	ng	# 93
14) 1,2-Dichlorobenzene	7.03	146	850438	44.86	ng	96
15) Benzyl Alcohol	7.00	79	656510	47.13	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1032033	35.57	ng	66
17) 2-Methylphenol	7.13	107	681225	49.74	ng	# 82
18) Hexachloroethane	7.37	117	323756	41.18	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	605982	39.67	ng	# 68
20) 3+4-Methylphenols	7.27	107	712599	43.90	ng	# 64
22) Acetophenone	7.27	105	1040457	45.49	ng	# 83
24) Nitrobenzene	7.45	77	938775	46.28	ng	# 70
25) Isophorone	7.69	82	1691488	47.75	ng	# 90
26) 2-Nitrophenol	7.77	139	455091	54.91	ng	# 80
27) 2,4-Dimethylphenol	7.80	122	582450	39.64	ng	# 80
28) bis(2-Chloroethoxy)methane	7.90	93	1049189	54.14	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	654240	54.25	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	723416	50.97	ng	97
31) Naphthalene	8.17	128	2382988	47.47	ng	96
32) Benzoic acid	7.95	122	370868	37.72	ng	# 67
33) 4-Chloroaniline	8.22	127	319250	17.15	ng	# 94
34) Hexachlorobutadiene	8.28	225	410537	51.45	ng	98
35) Caprolactam	8.60	113	217699m	63.20	ng	
36) 4-Chloro-3-methylphenol	8.71	107	694229	49.49	ng	92
37) 2-Methylnaphthalene	8.86	142	1616046	55.08	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	676164	46.01	ng	99
40) Hexachlorocyclopentadiene	9.01	237	791399	114.70	ng	95

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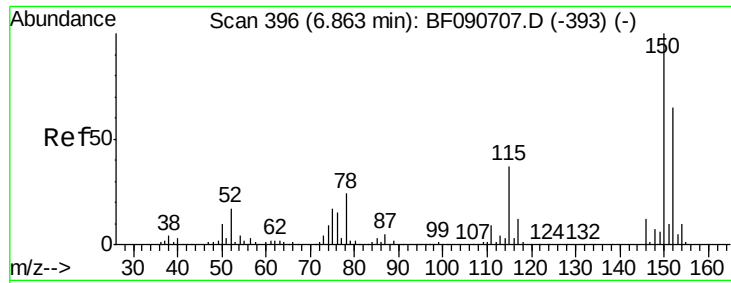
Manual Integrations
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 10/24/2016 3:52:16 PM

Quant Time: Oct 24 10:54:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	469889	51.56	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	443830	47.99	nq #	92
45) 1,1'-Biphenyl	9.32	154	1785625	41.78	nq	90
46) 2-Chloronaphthalene	9.34	162	1500519	47.23	nq #	89
47) 2-Nitroaniline	9.45	65	485339	46.02	nq #	75
48) Acenaphthylene	9.77	152	2186981	45.11	nq	94
49) Dimethylphthalate	9.63	163	1538444	44.98	nq #	97
50) 2,6-Dinitrotoluene	9.69	165	341254	46.40	nq #	58
51) Acenaphthene	9.94	154	1640042	50.96	nq	89
52) 3-Nitroaniline	9.86	138	178324	21.09	nq #	64
53) 2,4-Dinitrophenol	9.97	184	316240m	76.65	nq	
54) Dibenzofuran	10.11	168	1990122	51.05	nq #	84
55) 4-Nitrophenol	10.03	139	548167	103.65	nq #	49
56) 2,4-Dinitrotoluene	10.10	165	522672	58.14	nq #	85
57) Fluorene	10.45	166	1510886	46.77	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384171	52.93	nq	96
59) Diethylphthalate	10.33	149	1587063	44.74	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	726771	49.23	nq	91
61) 4-Nitroaniline	10.47	138	331960	38.77	nq #	57
62) Azobenzene	10.60	77	1215582	29.26	nq	88
64) 4,6-Dinitro-2-methylphenol	10.51	198	235594	47.34	nq #	53
65) n-Nitrosodiphenylamine	10.57	169	1208206	48.30	nq	91
66) 4-Bromophenyl-phenylether	10.93	248	460527	60.84	nq	92
67) Hexachlorobenzene	11.00	284	540862	60.55	nq #	78
68) Atrazine	11.09	200	355889	51.55	nq	86
69) Pentachlorophenol	11.19	266	539274	90.89	nq	97
70) Phenanthrene	11.41	178	1924439	48.36	nq	94
71) Anthracene	11.46	178	1981503	44.90	nq	96
72) Carbazole	11.62	167	1729810	46.88	nq	94
73) Di-n-butylphthalate	11.95	149	1995846	41.70	nq #	97
74) Fluoranthene	12.60	202	2111359	54.84	nq	87
76) Benzidine	12.73	184	275509	18.69	nq #	96
77) Pyrene	12.83	202	2072109	44.70	nq	95
79) Butylbenzylphthalate	13.45	149	1045032	49.04	nq	91
80) Benzo(a)anthracene	14.02	228	1747223	48.10	nq	95
81) 3,3'-Dichlorobenzidine	13.98	252	365493	29.04	nq #	93
82) Chrysene	14.05	228	1763872m	49.75	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1315185	43.14	nq #	97
84) Di-n-octyl phthalate	14.62	149	2239103	48.39	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	1331249	43.04	nq #	88
87) Benzo(b)fluoranthene	15.05	252	1354718m	46.48	nq	
88) Benzo(k)fluoranthene	15.08	252	1578799m	53.90	nq	
89) Benzo(a)pyrene	15.40	252	1311909	47.97	nq #	87
90) Dibenzo(a,h)anthracene	16.89	278	1128455	42.98	nq #	81
91) Benzo(g,h,i)perylene	17.30	276	1069244	41.98	nq #	76

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



#1

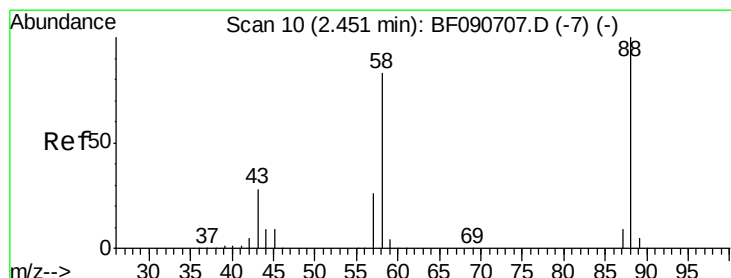
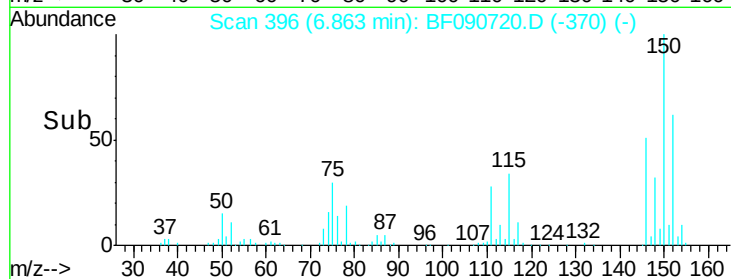
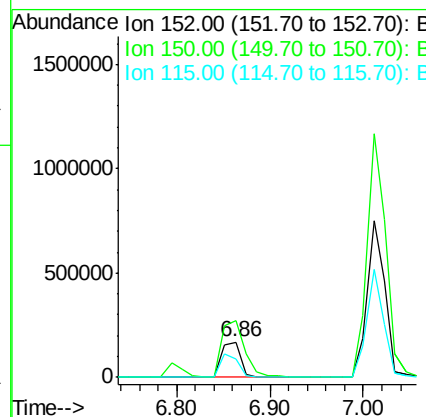
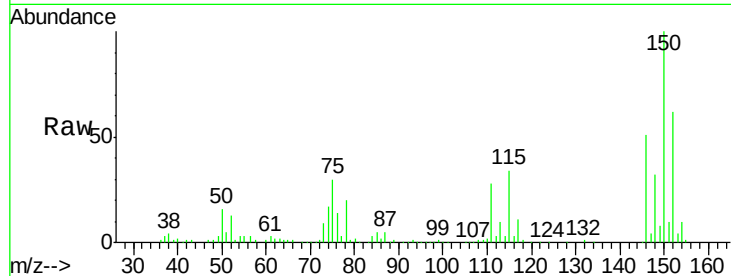
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.7	187.1
115	53.9	39.0	58.4

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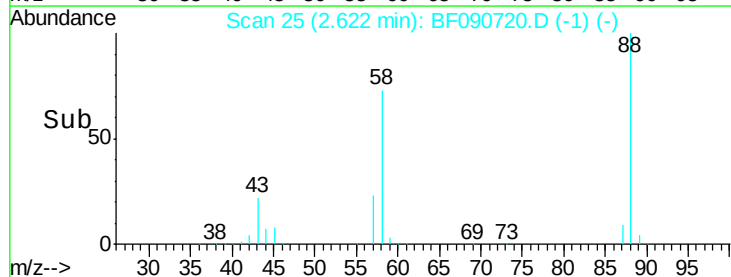
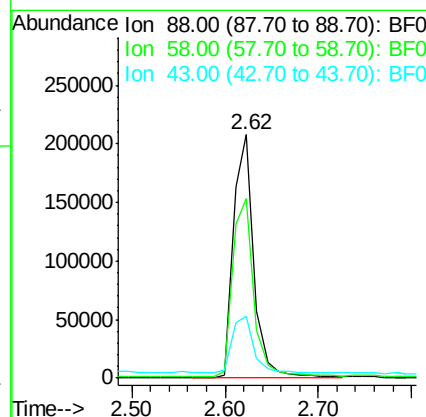
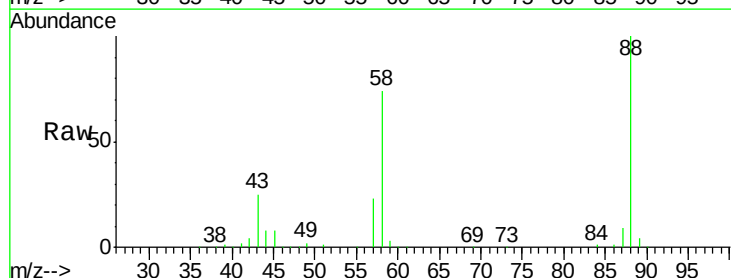
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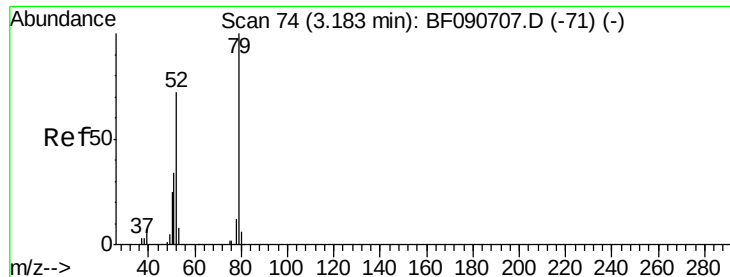


#2

1,4-Dioxane
Concen: 35.99 ng
RT: 2.62 min Scan# 25
Delta R.T. 0.14 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	77.7	116.5#
43	24.3	26.6	40.0#





#3

Pvridine

Concen: 38.96 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.13 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

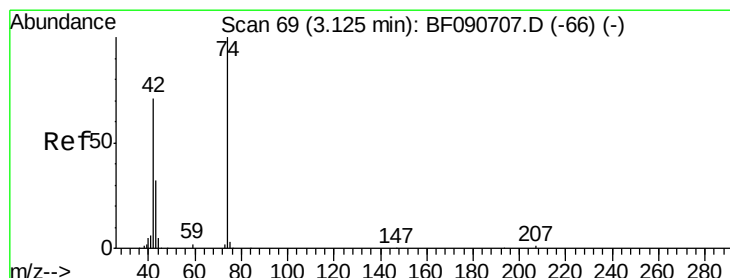
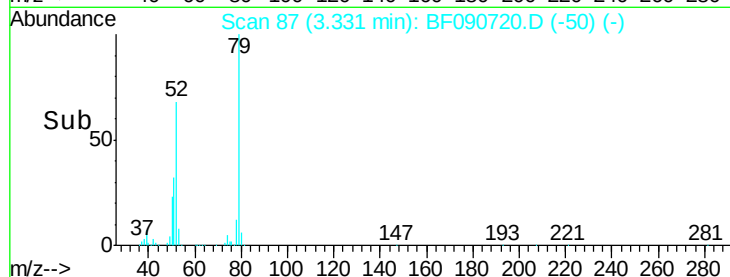
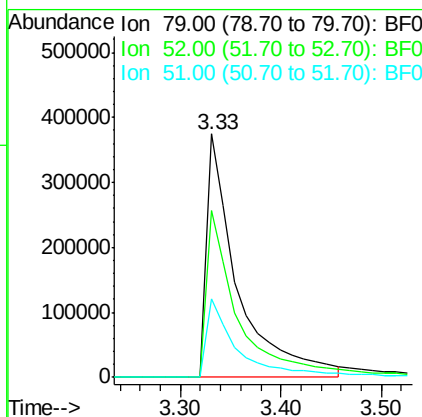
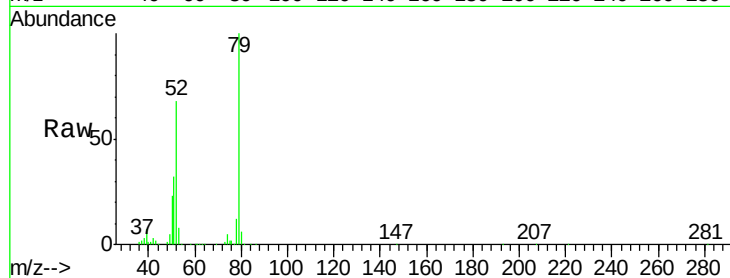
ClientSampleId :

PB94262BS

Tot Ion:	79	Resp:	799854
Ion Ratio	Lower	Upper	
79	100		
52	68.3	76.8	115.2#
51	32.1	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 45.56 ng

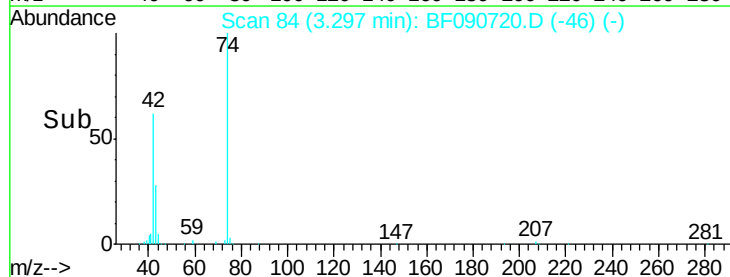
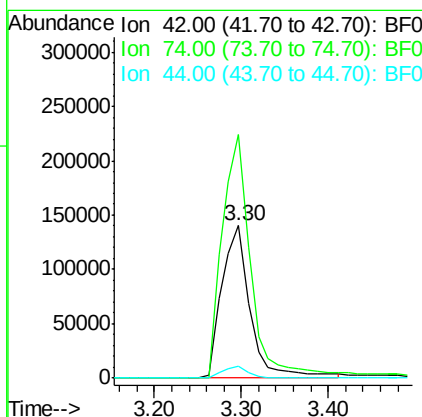
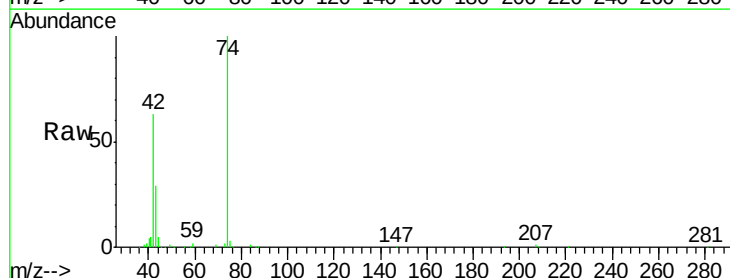
RT: 3.30 min Scan# 84

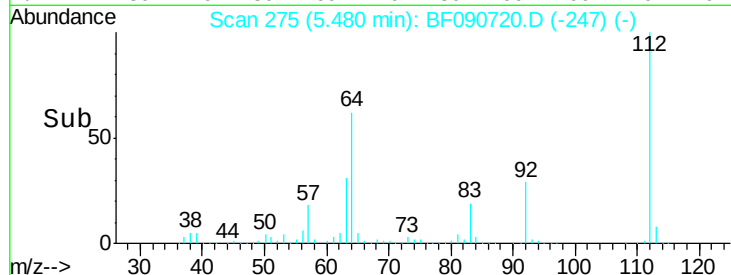
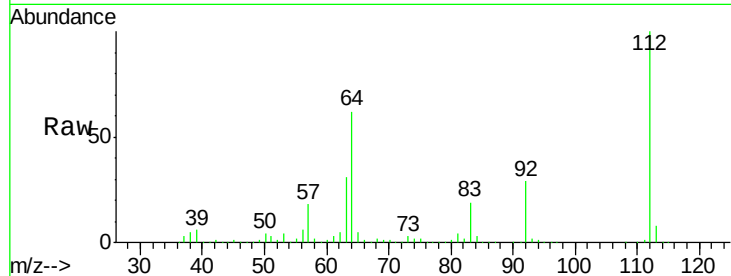
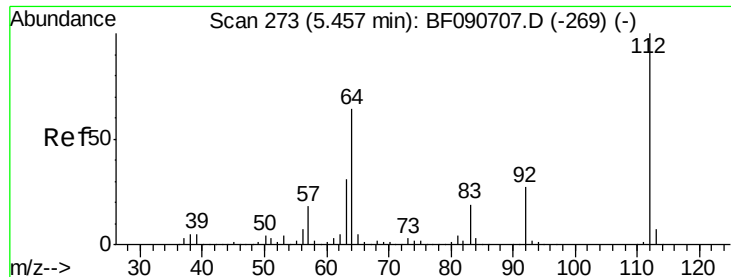
Delta R.T. 0.14 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:	42	Resp:	320008
Ion Ratio	Lower	Upper	
42	100		
74	159.6	105.0	157.6#
44	7.4	6.6	10.0





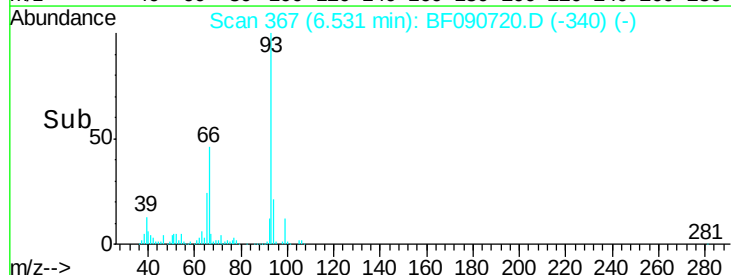
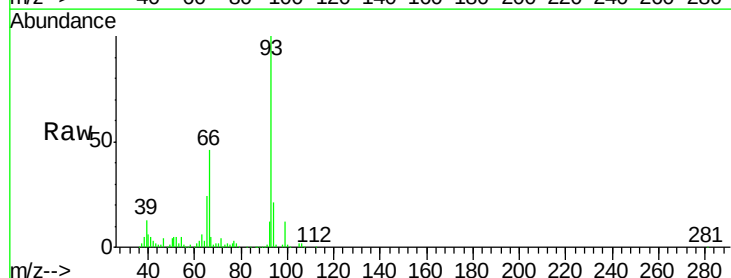
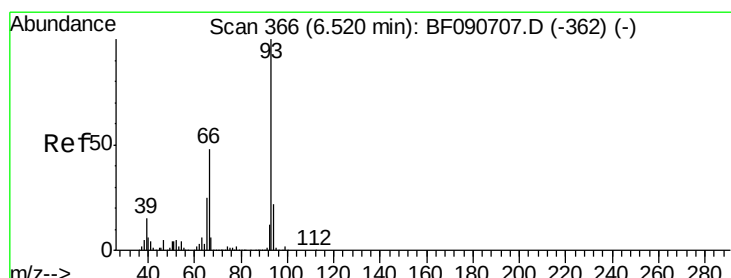
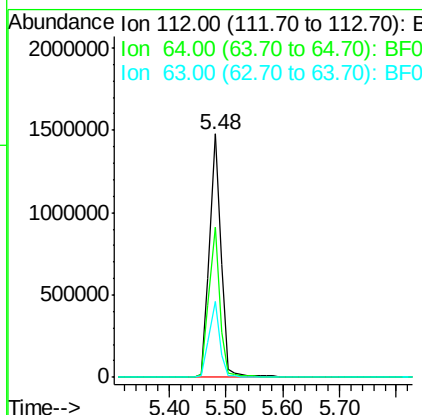
#5
2-Fluorophenol
Concen: 134.38 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.7	39.7	59.5#
63	31.4	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
PB94262BS

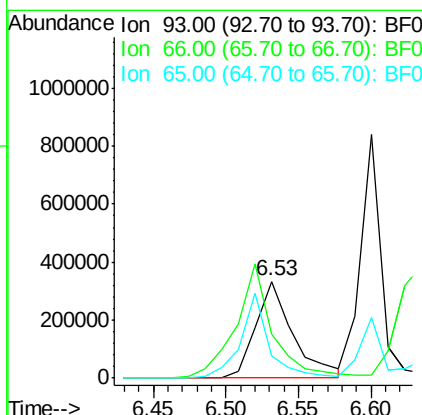
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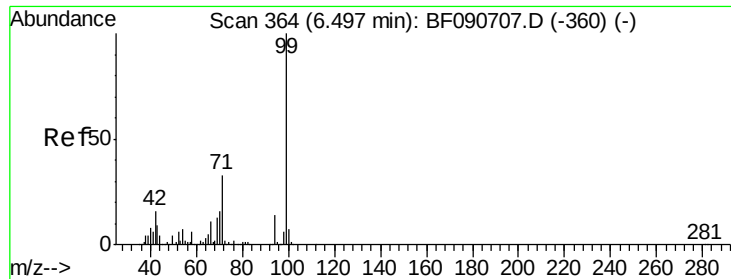
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#6
Aniline
Concen: 25.82 ng
RT: 6.53 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.1	27.2	40.8#
65	23.6	14.7	22.1#





#7

Phenol-d6

Concen: 130.82 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion: 99 Resp: 2683150

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

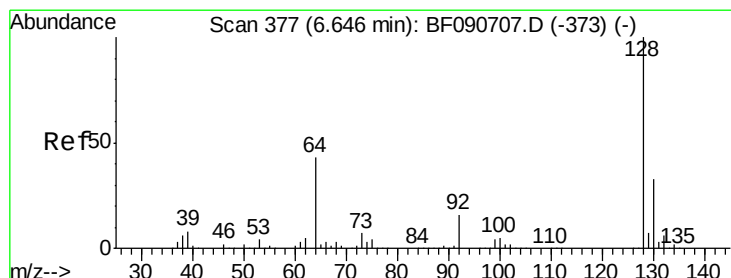
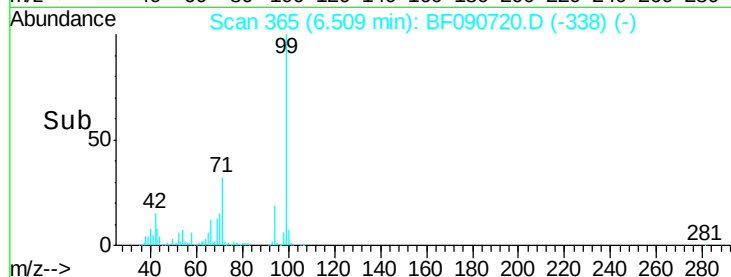
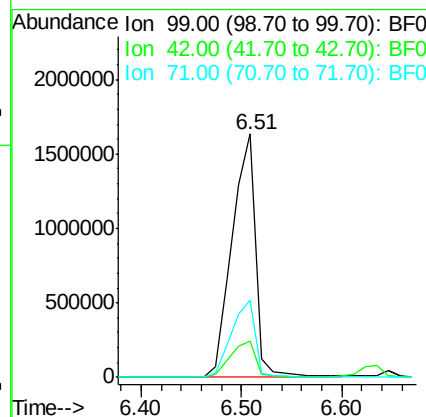
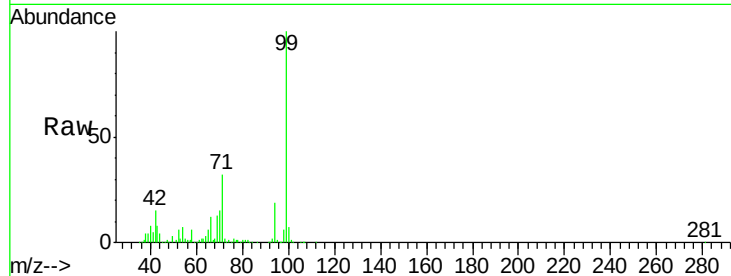
71 32.0 14.2 21.2#

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#8

2-Chlorophenol

Concen: 43.18 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

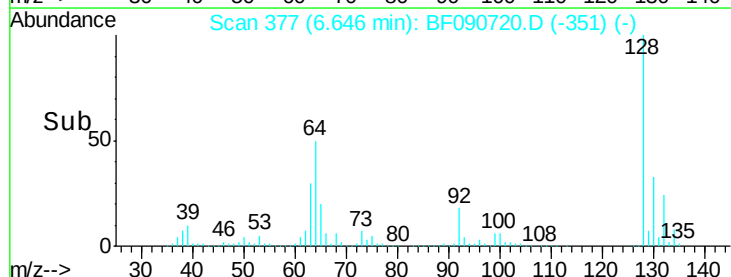
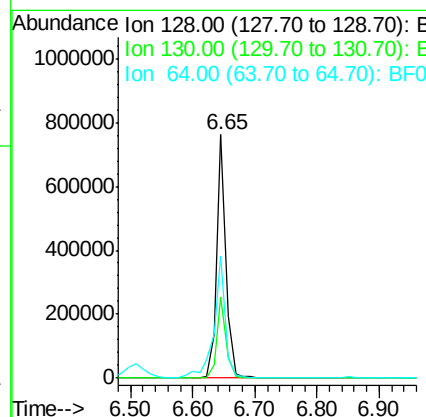
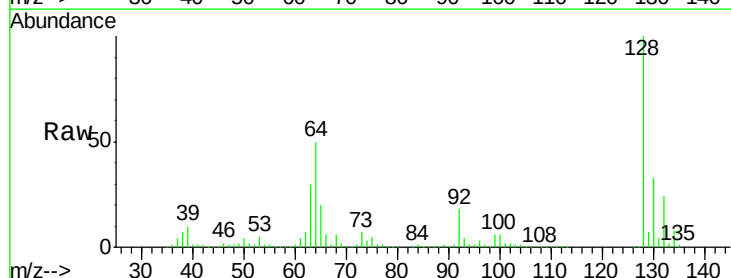
Tgt Ion: 128 Resp: 784877

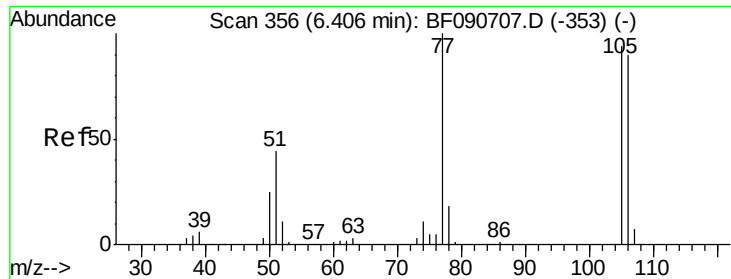
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

64 50.2 20.5 60.5





#9

Benzaldehyde

Concen: 17.43 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

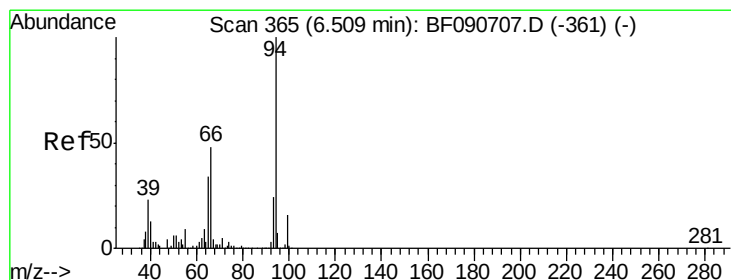
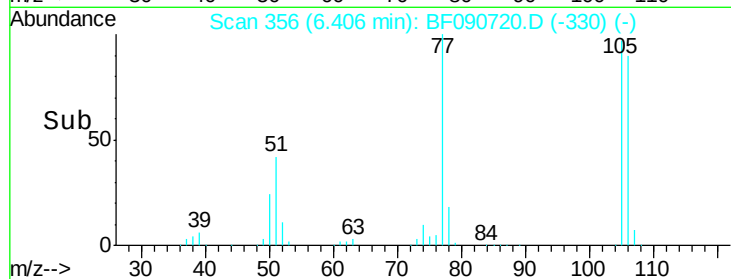
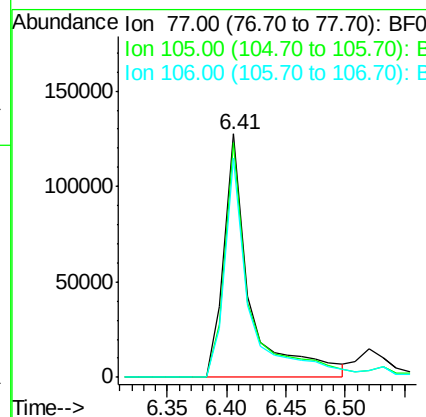
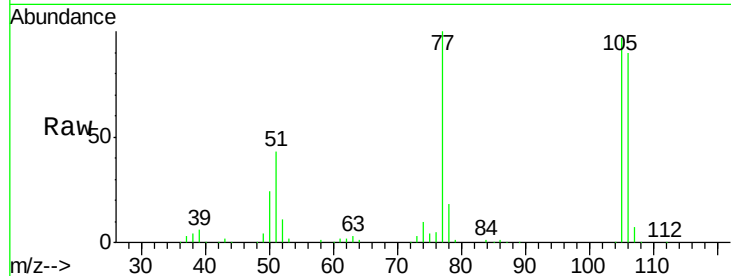
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.6	91.6	131.6
106	90.2	102.6	142.6

Manual Integrations
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#10

Phenol

Concen: 47.01 ng

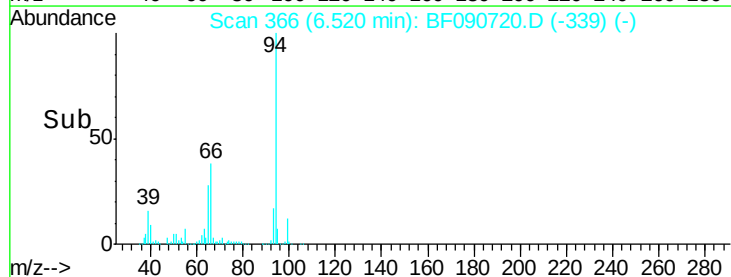
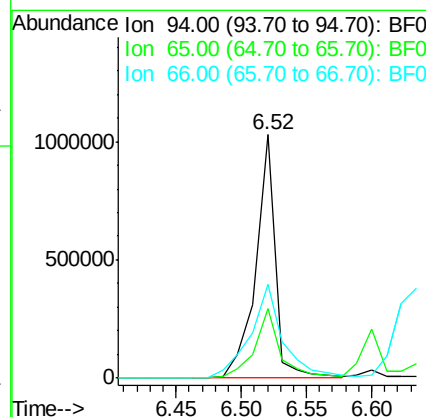
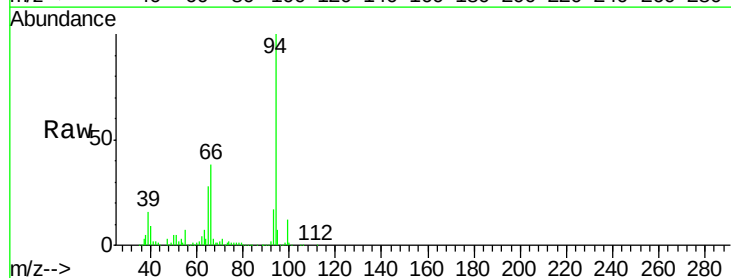
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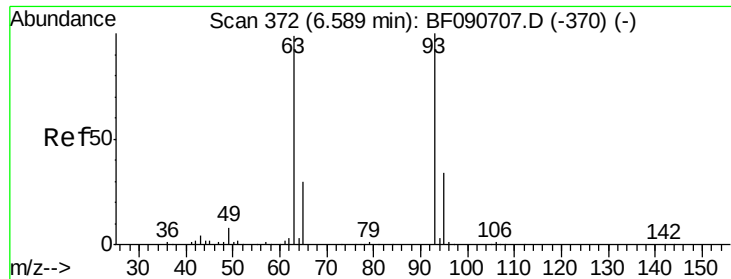
Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	0.7	40.7
66	38.4	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 45.56 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

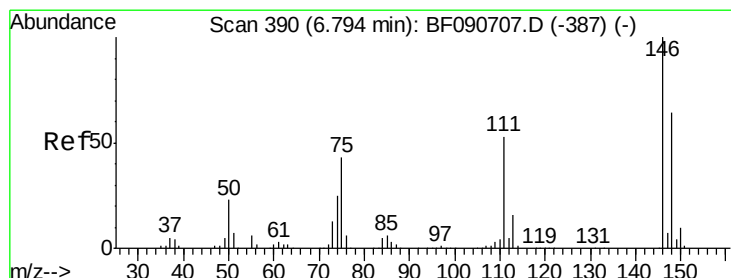
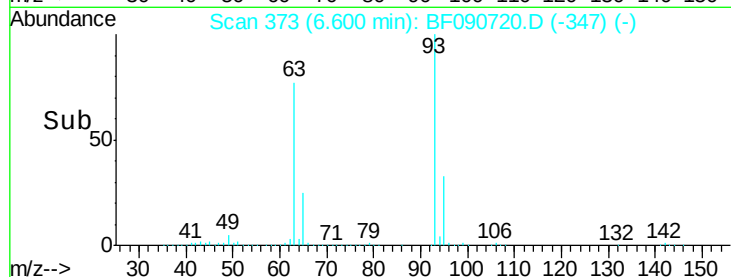
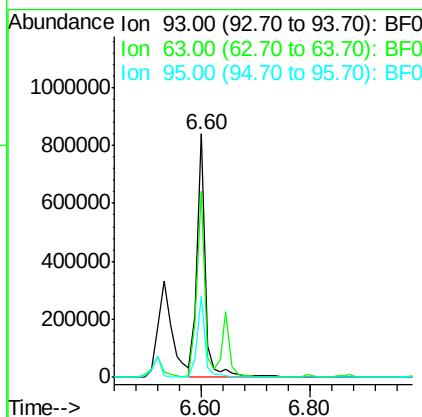
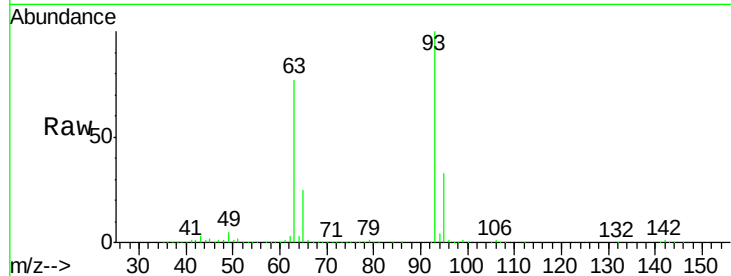
ClientSampleId :

PB94262BS

Tot Ion:	93	Resp:	882468
Ion	Ratio	Lower	Upper
93	100		
63	76.6	65.6	105.6
95	33.3	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 44.77 ng

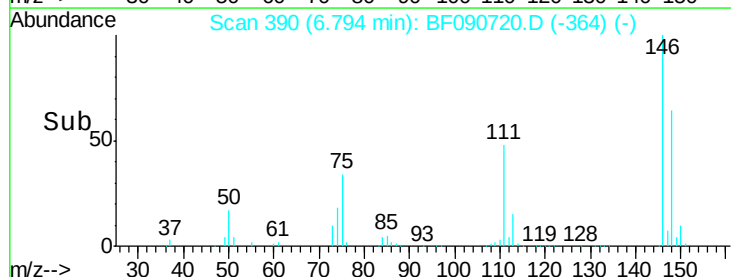
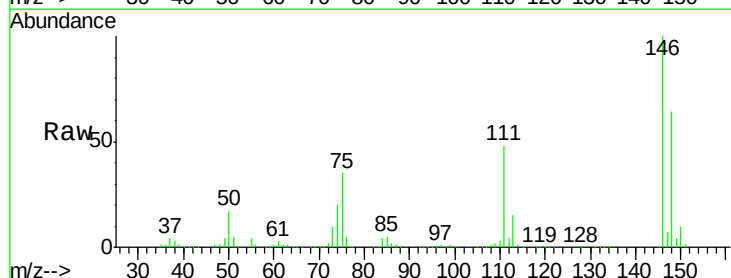
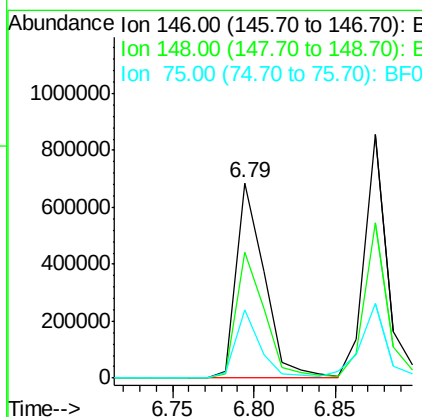
RT: 6.79 min Scan# 390

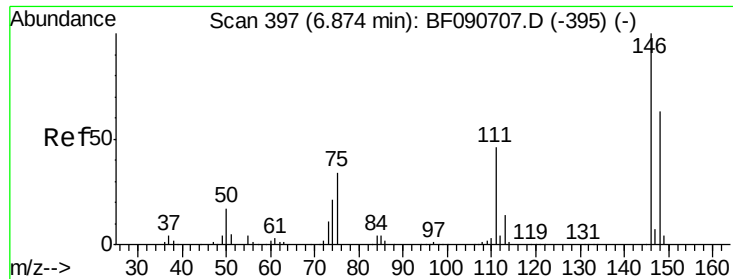
Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:	146	Resp:	817425
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	34.8	15.0	22.6#





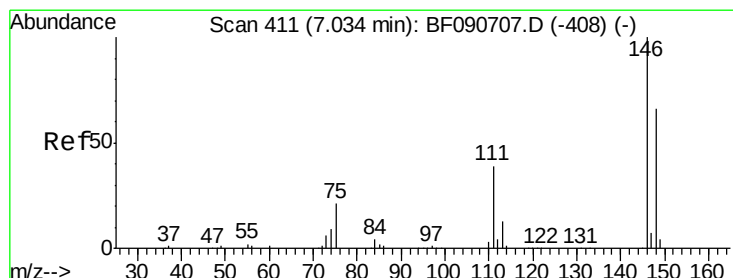
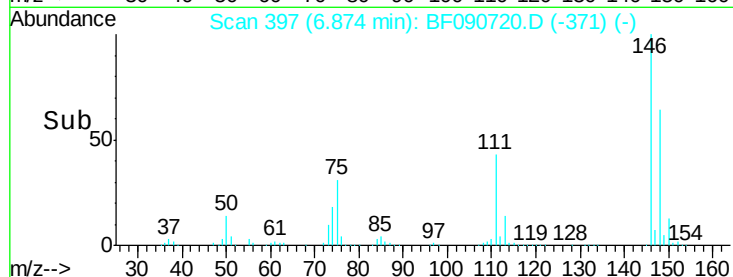
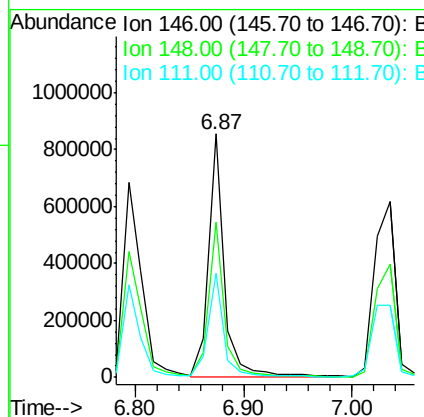
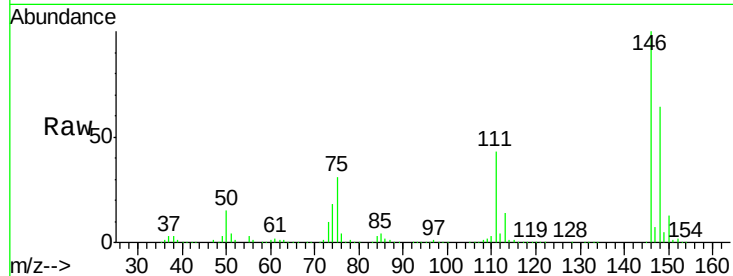
#13
 1,4-Dichlorobenzene
 Concen: 45.30 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	42.7	24.9	37.3

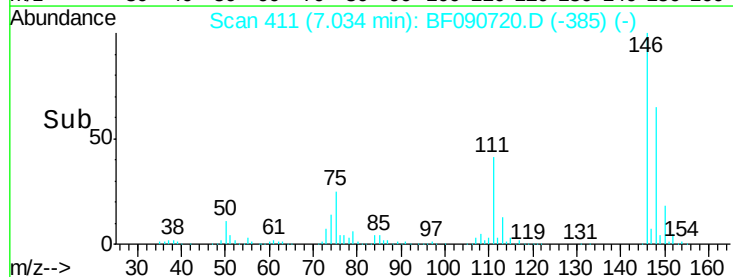
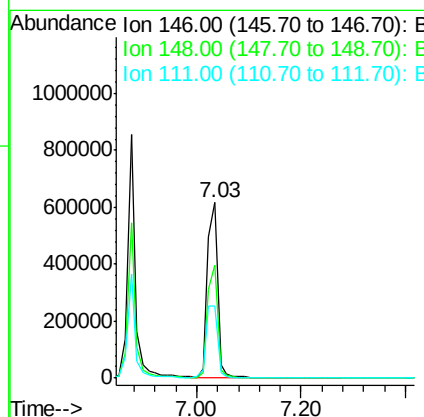
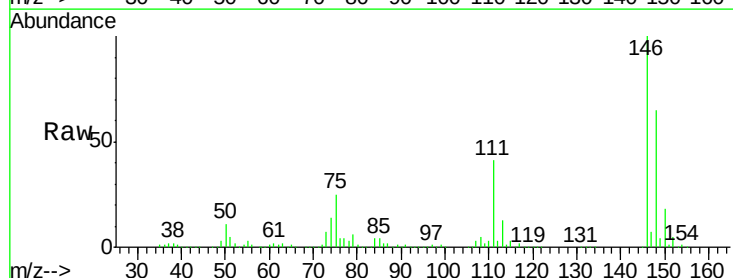
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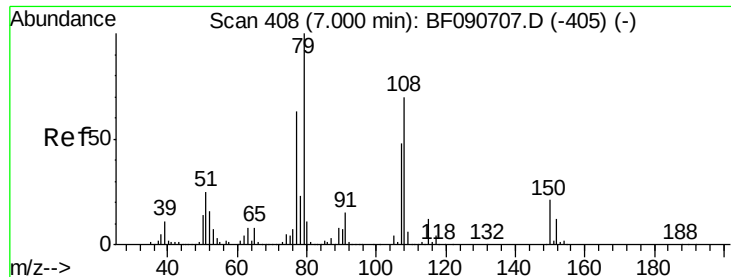
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#14
 1,2-Dichlorobenzene
 Concen: 44.86 ng
 RT: 7.03 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.7	79.1
111	40.8	28.8	43.2





#15

Benzyl Alcohol

Concen: 47.13 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

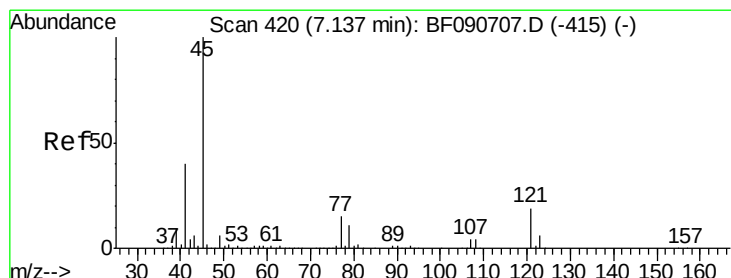
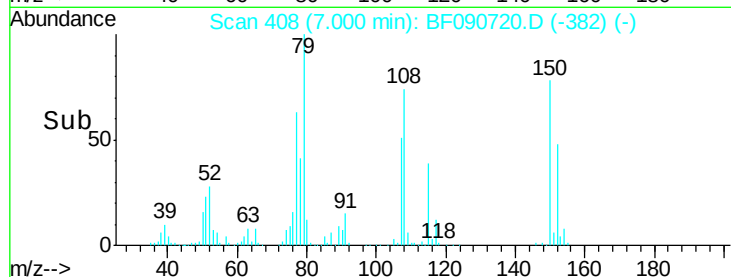
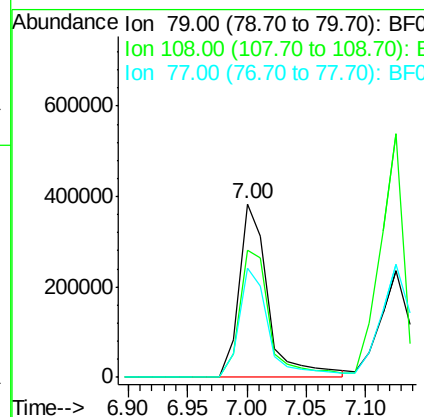
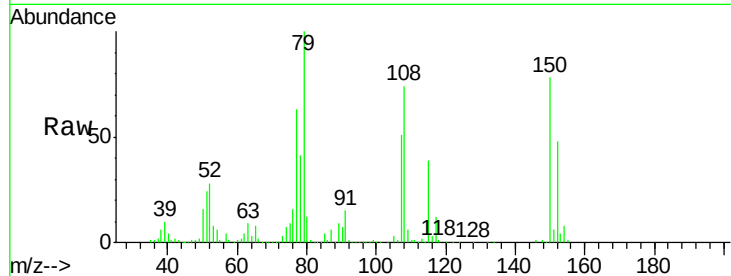
ClientSampleId :

PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		656510		
108	73.6	88.6	132.8#		
77	63.3	47.0	70.4		

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.57 ng

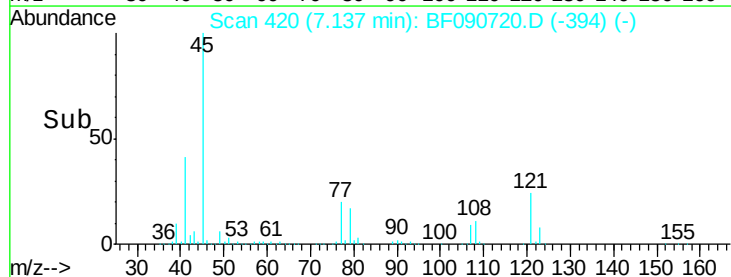
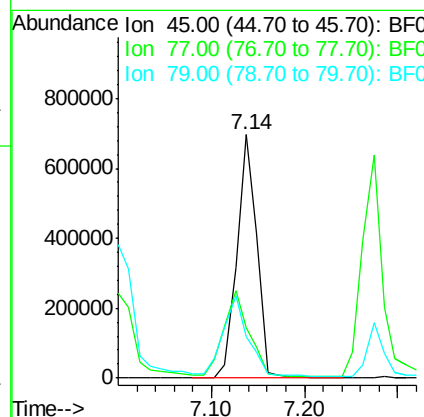
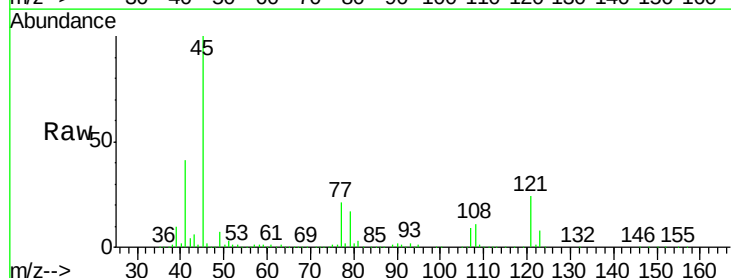
RT: 7.14 min Scan# 420

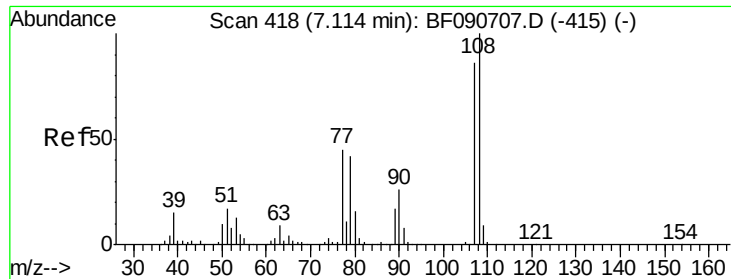
Delta R.T. 0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		1032033		
77	20.5	0.0	28.1		
79	17.0	0.0	26.0		





#17

2-Methylphenol

Concen: 49.74 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

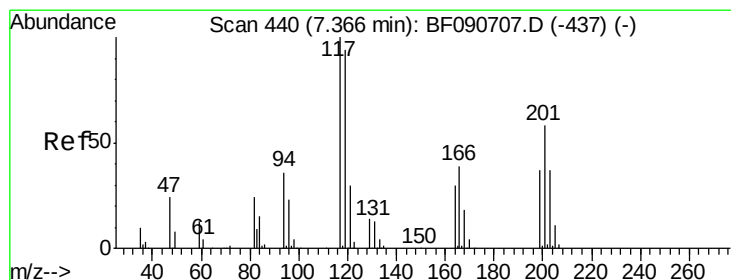
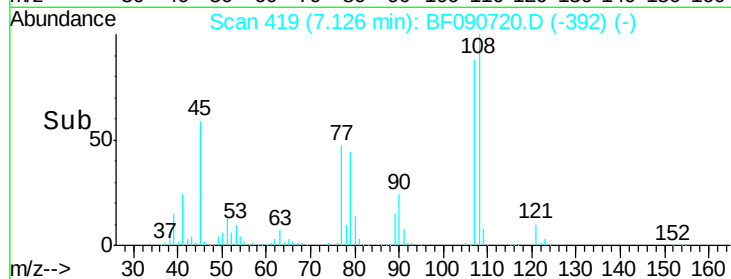
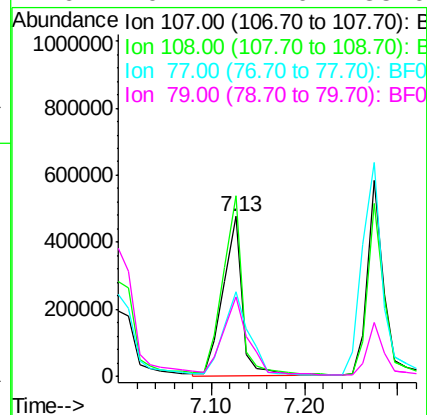
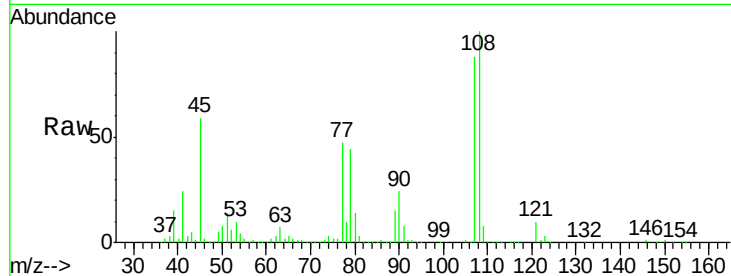
ClientSampled :

PB94262BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	96.6	145.0	
77	52.8	23.3	34.9	
79	49.4	22.0	33.0	

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#18

Hexachloroethane

Concen: 41.18 ng

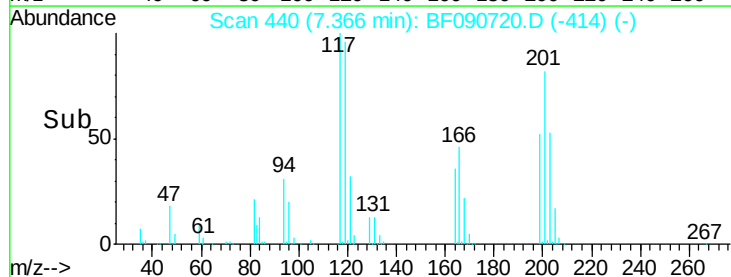
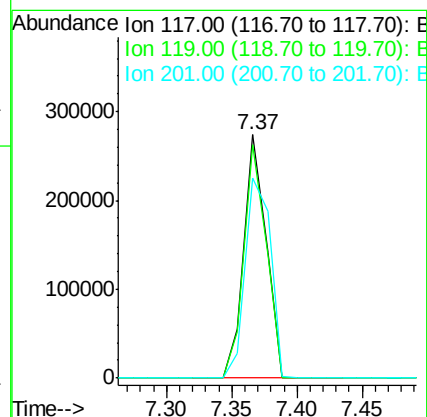
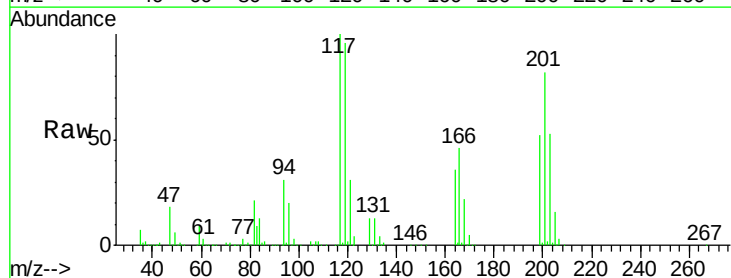
RT: 7.37 min Scan# 440

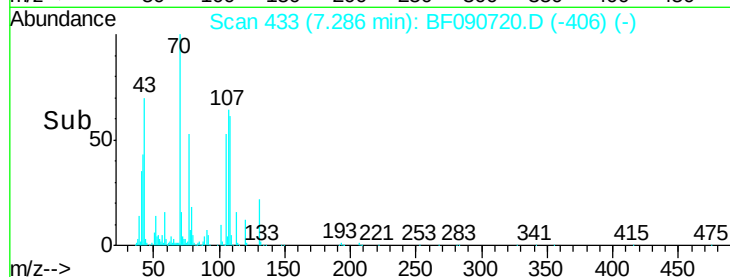
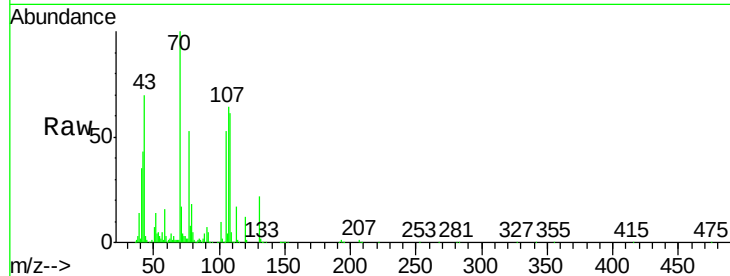
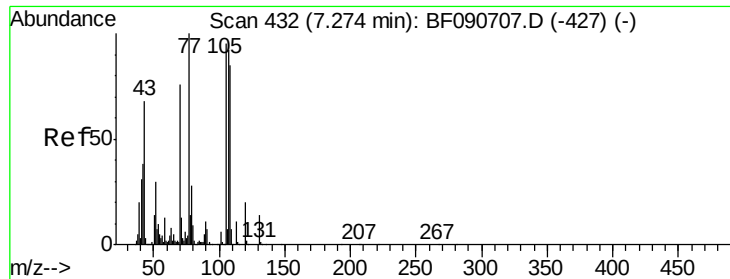
Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	83.8	125.6	
201	82.1	55.1	82.7	





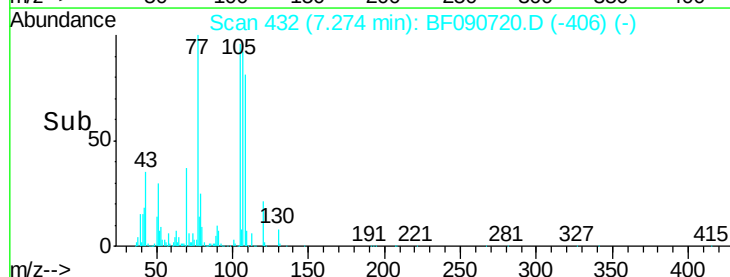
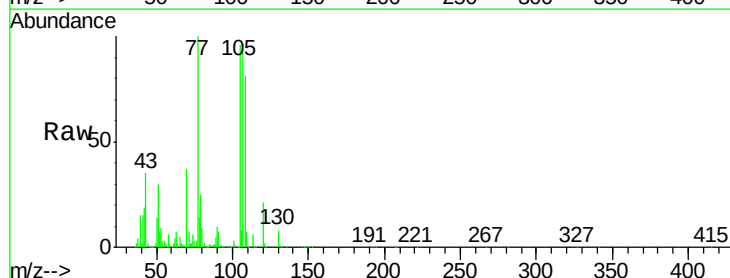
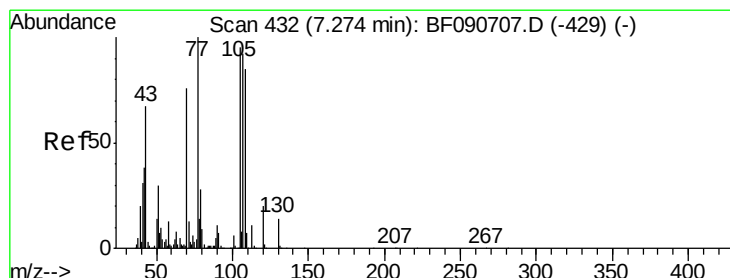
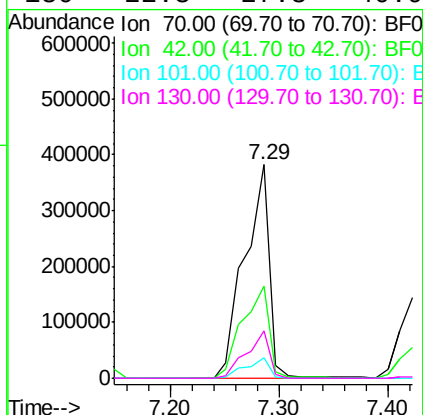
#19
n-Nitroso-di-n-propylamine
Concen: 39.67 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	43.1	63.8	95.6#
101	9.8	9.2	13.8
130	22.3	27.3	40.9#

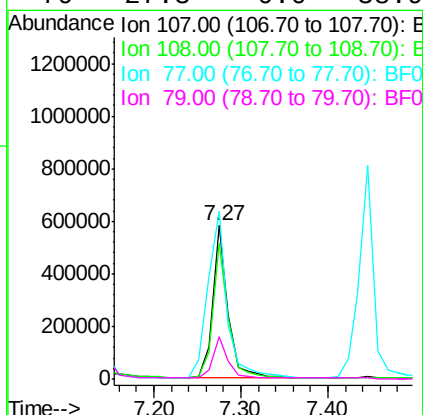
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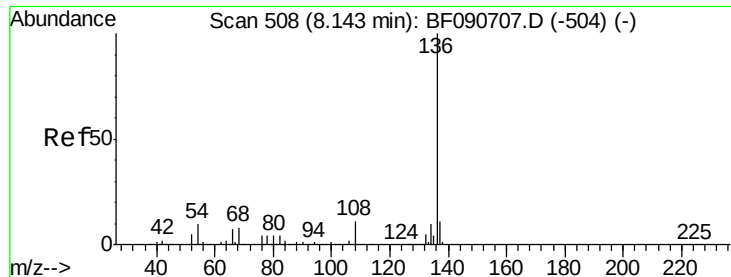
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#20
3+4-Methylphenols
Concen: 43.90 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	88.6	74.6	114.6
77	109.1	0.7	40.7#
79	27.3	0.0	38.9





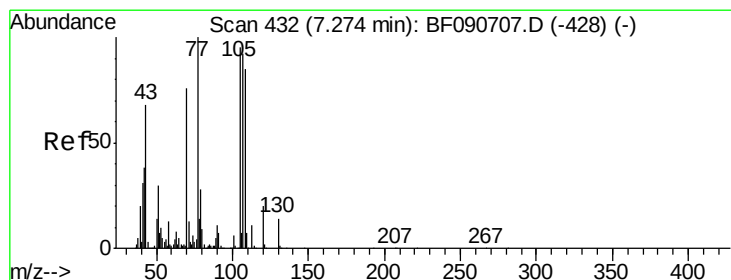
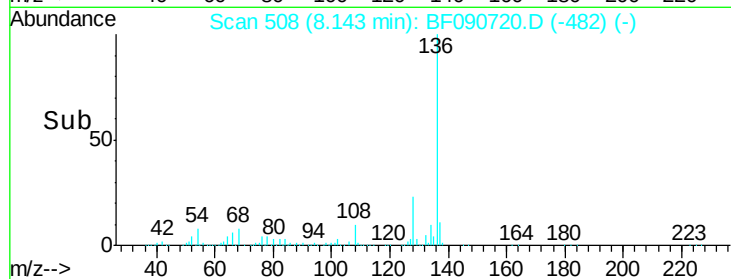
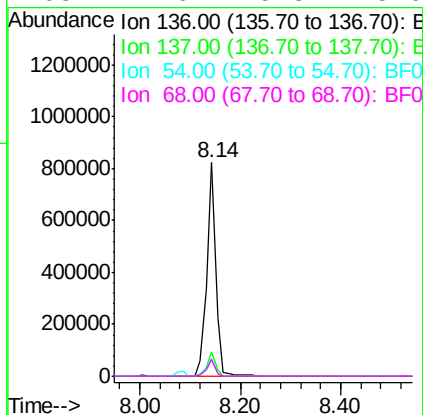
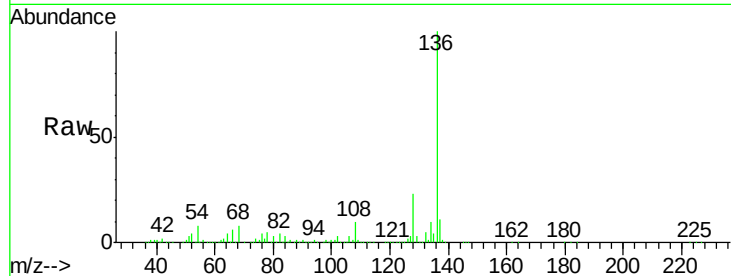
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	136	Resp	1026336
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.1	8.2	12.2#
68	7.6	5.8	8.6

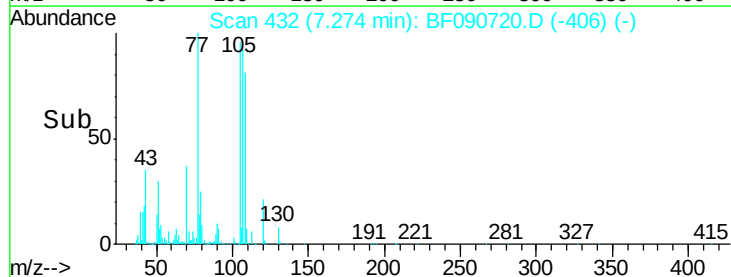
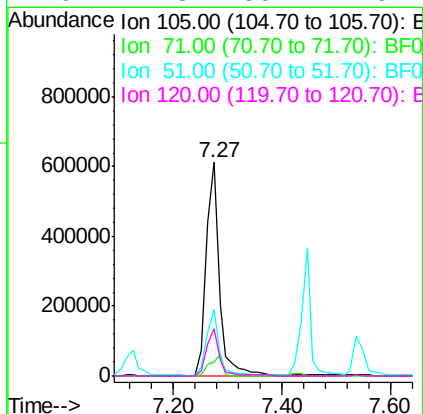
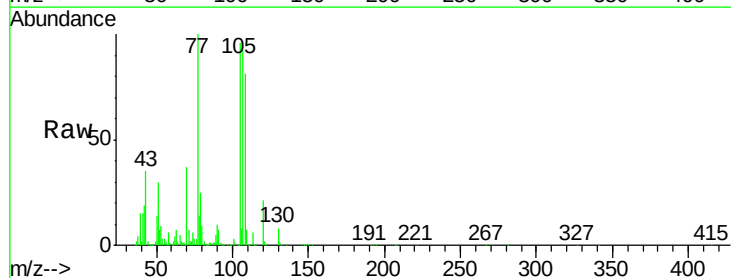
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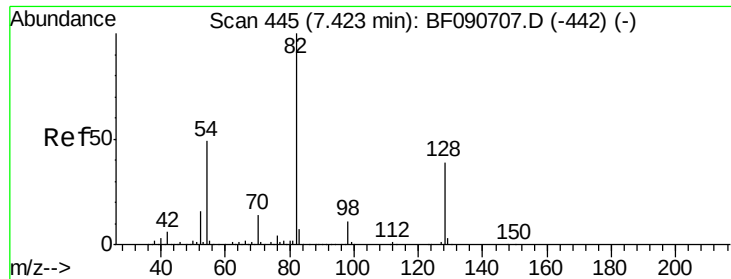
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#22
Acetophenone
Concen: 45.49 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	105	Resp	1040457
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.7	7.1
51	31.3	22.0	33.0
120	22.3	30.1	45.1#





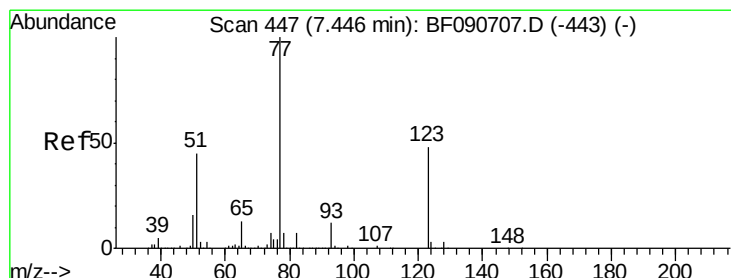
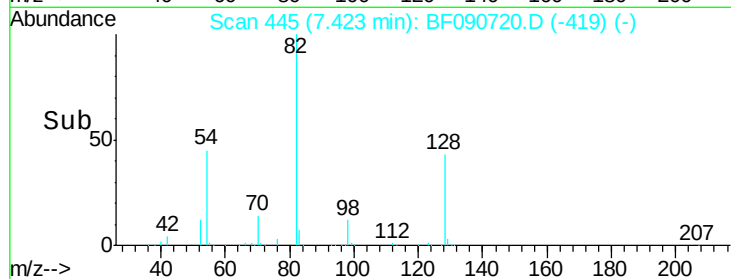
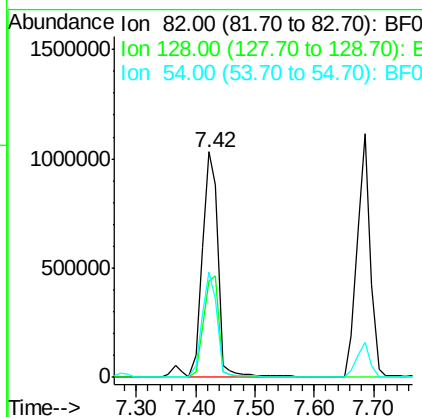
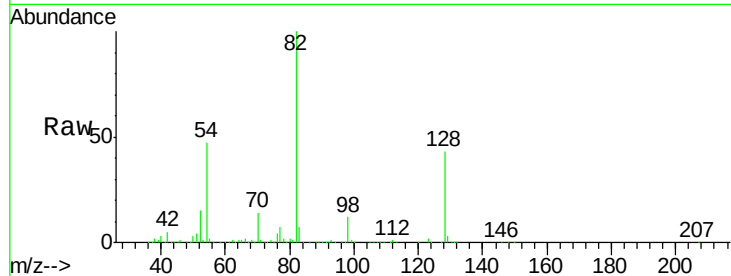
#23
 Nitrobenzene-d5
 Concen: 102.74 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleID :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	47.0	47.5	71.3#

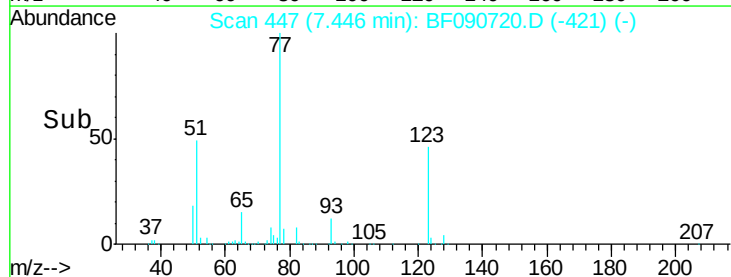
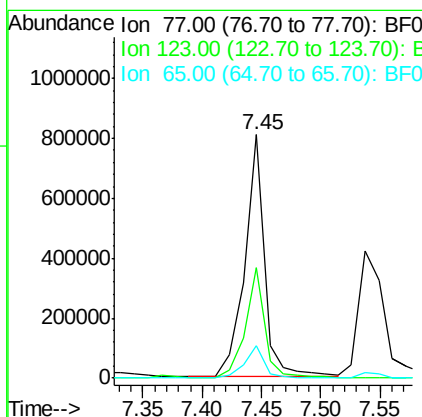
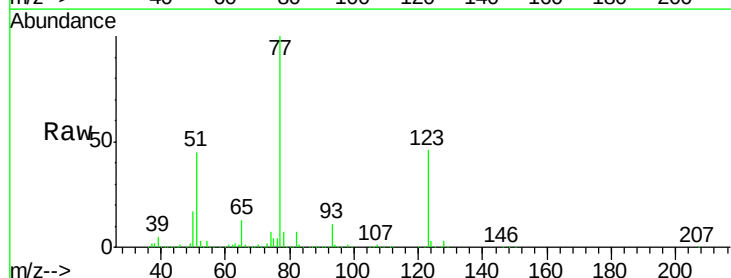
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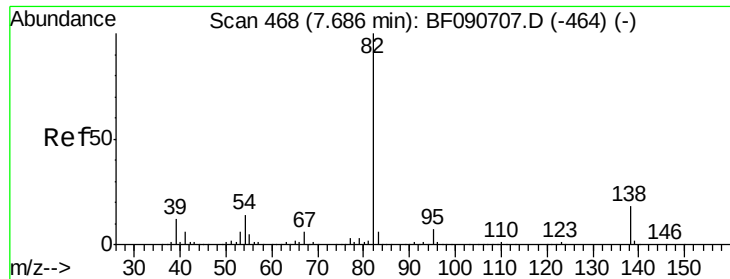
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#24
 Nitrobenzene
 Concen: 46.28 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	59.8	89.8#
65	13.3	10.2	15.4





#25

Isophorone

Concen: 47.75 ng

RT: 7.69 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampled :

PB94262BS

Tot Ion: 82 Resp: 1691488

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

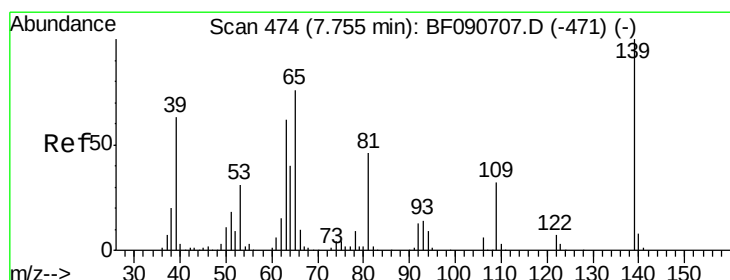
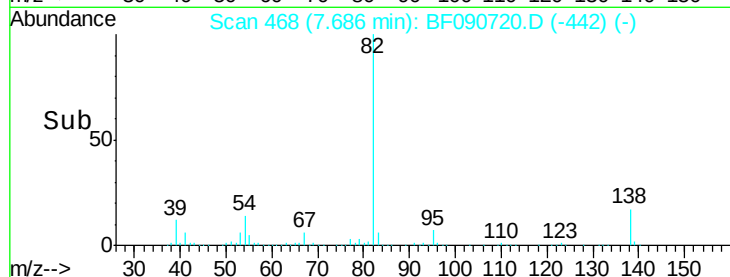
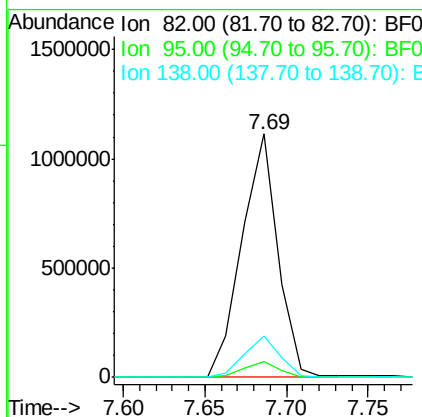
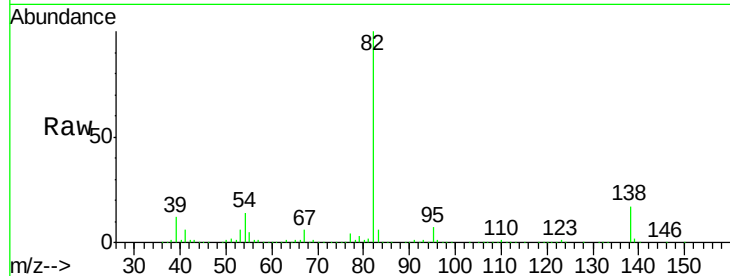
138 17.2 18.3 27.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.91 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

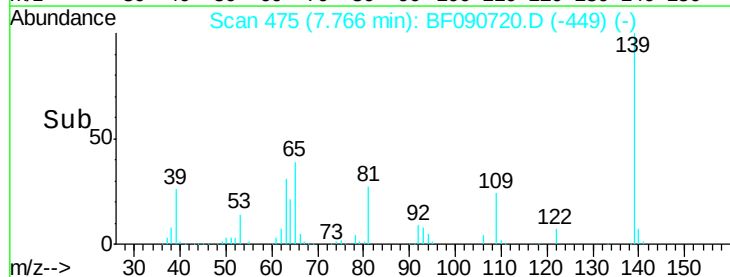
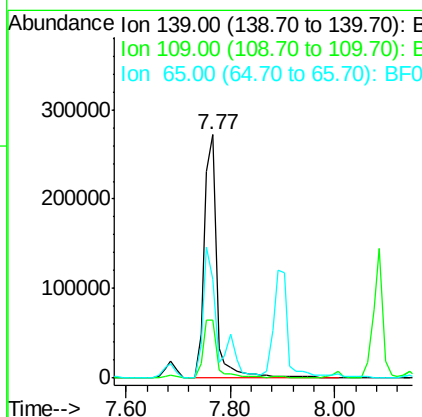
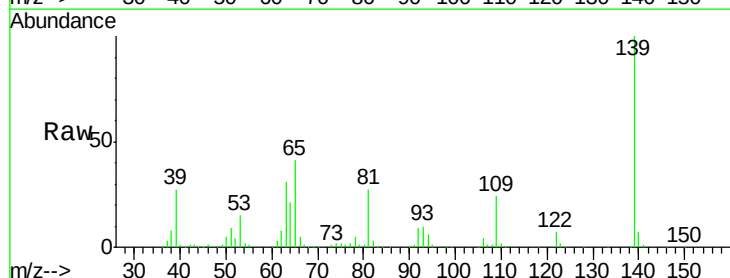
Tgt Ion: 139 Resp: 455091

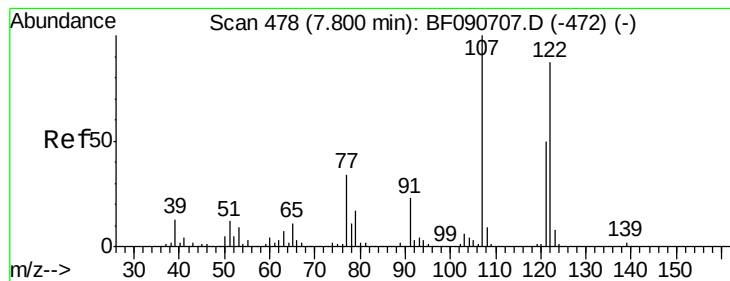
Ion Ratio Lower Upper

139 100

109 23.7 11.0 16.4#

65 40.5 24.7 37.1#





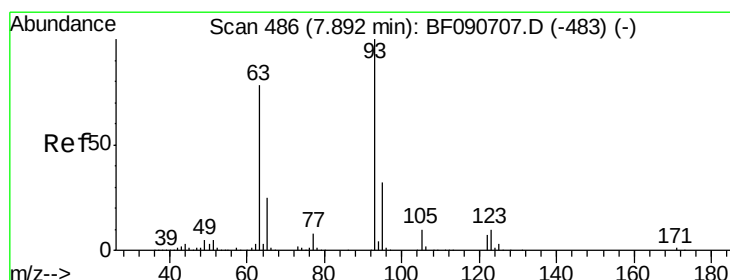
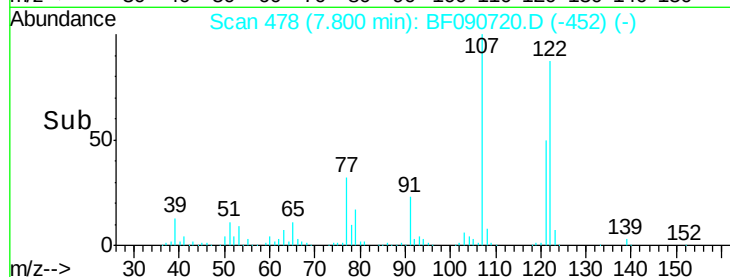
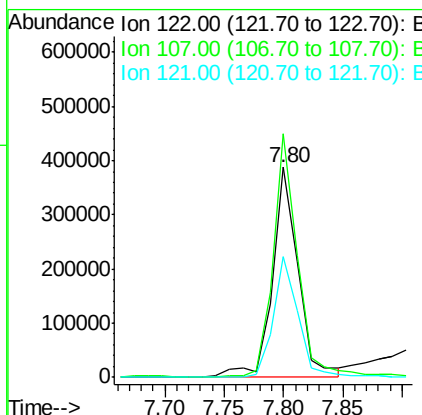
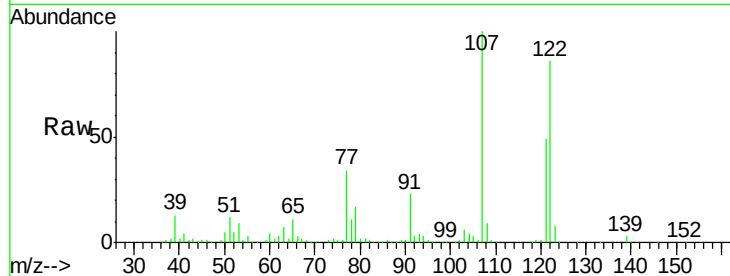
#27
 2,4-Dimethylphenol
 Concen: 39.64 ng
 RT: 7.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	71.8	107.6#
121	57.3	42.3	63.5

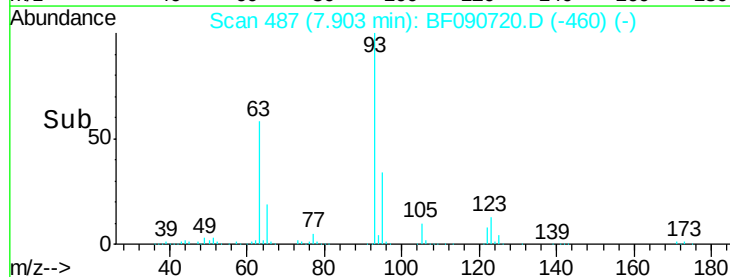
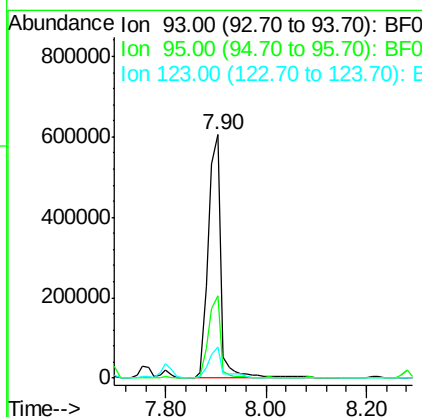
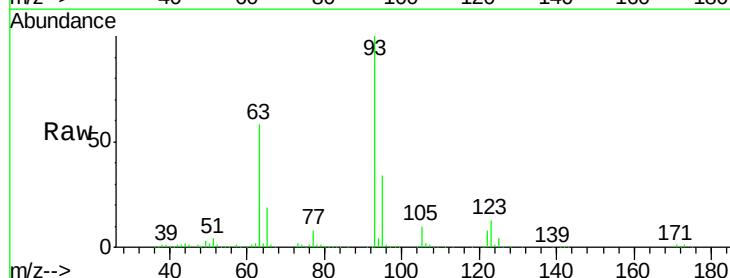
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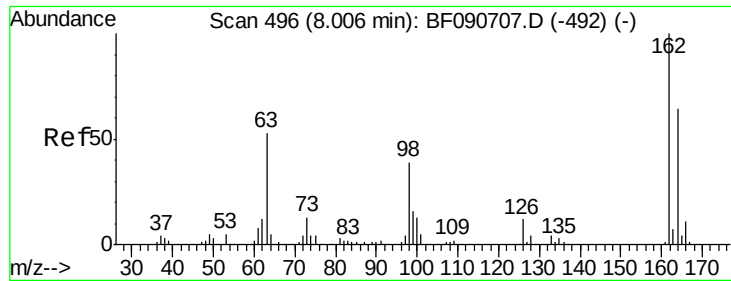
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.14 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.5	41.3
123	12.9	13.7	20.5#





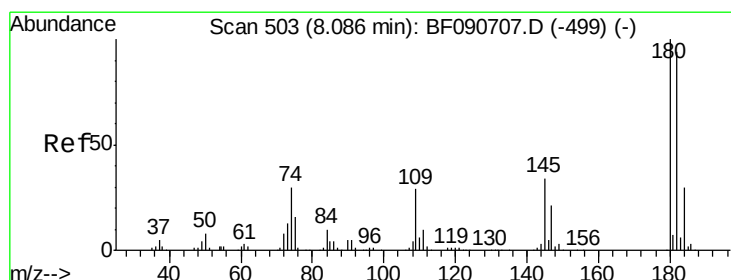
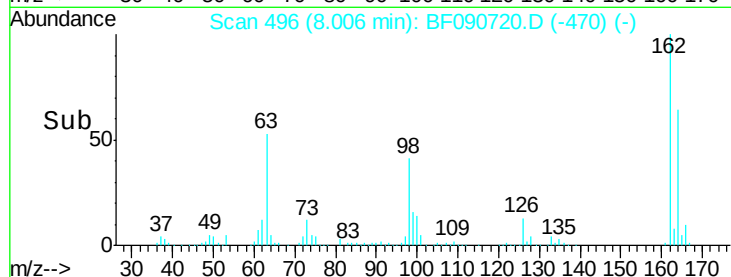
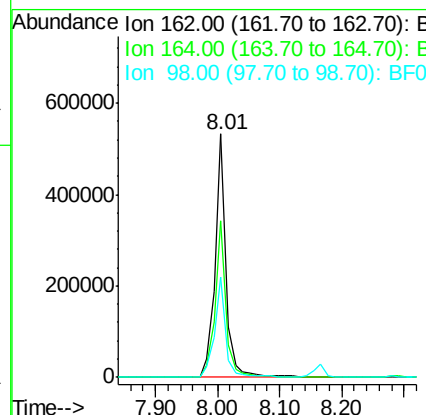
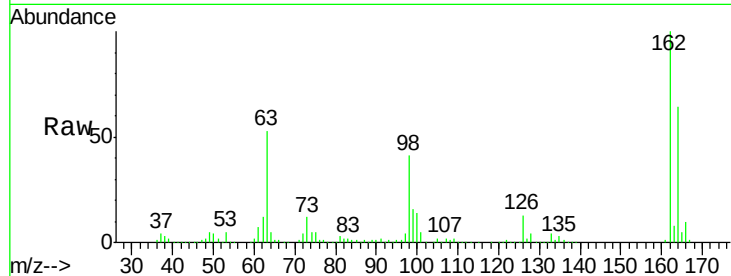
#29
2,4-Dichlorophenol
Concen: 54.25 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	654240		
164	64.2		44.9	84.9
98	41.0		13.0	53.0

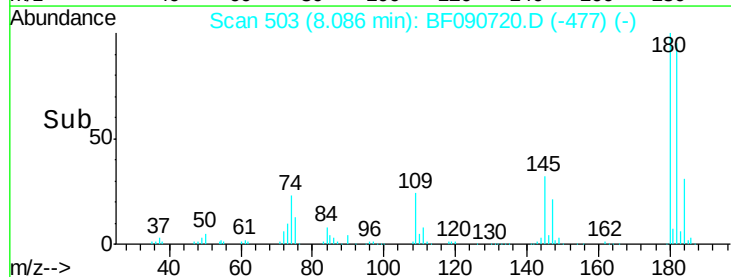
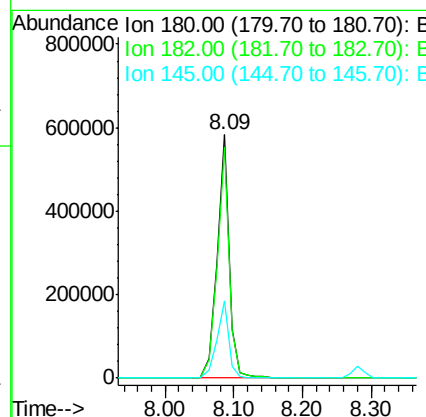
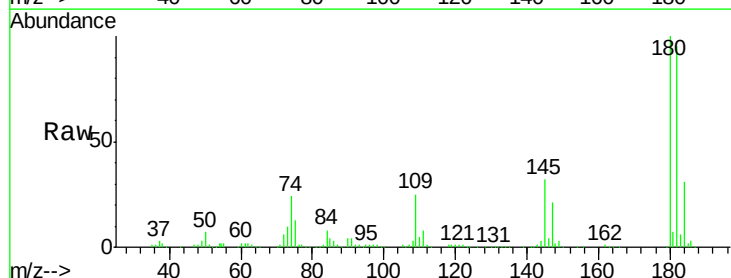
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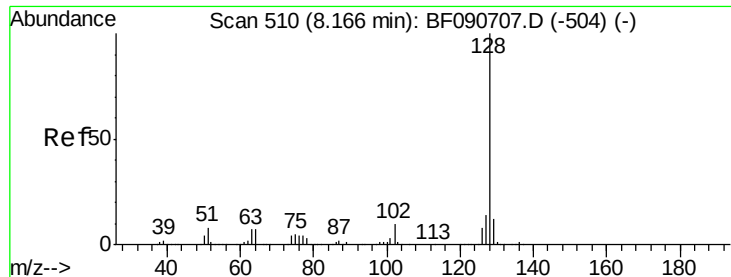
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#30
1,2,4-Trichlorobenzene
Concen: 50.97 ng
RT: 8.09 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	723416		
182	94.7		77.1	115.7
145	31.8		23.3	34.9





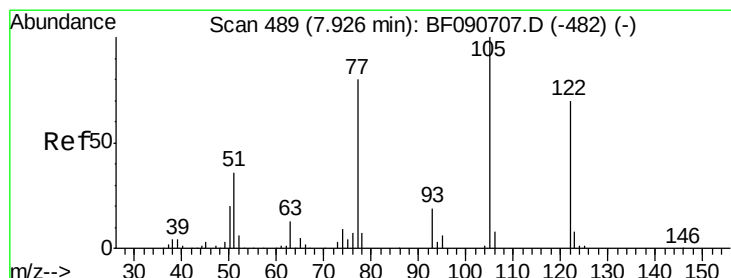
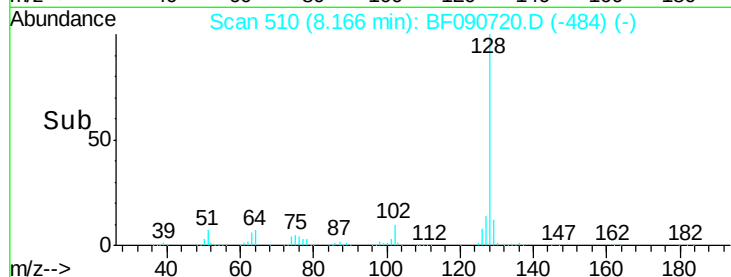
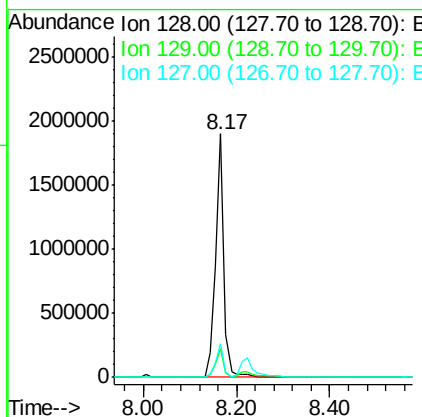
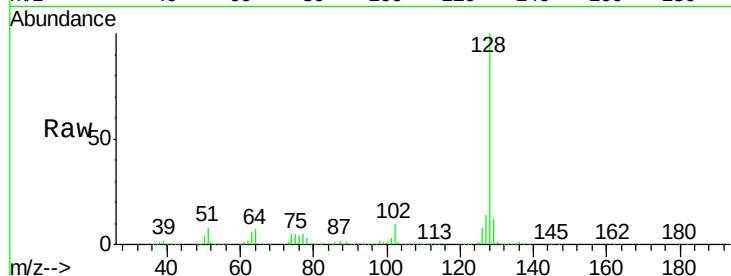
#31
Naphthalene
Concen: 47.47 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.4	12.6
127	13.8	9.9	14.9

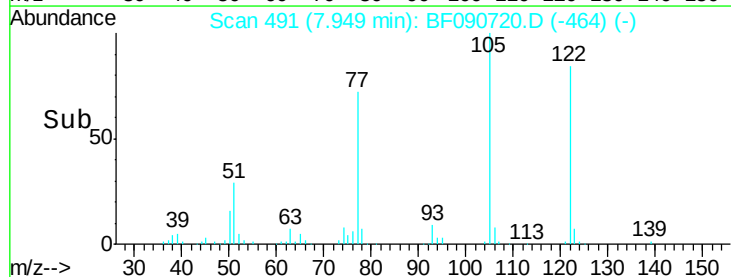
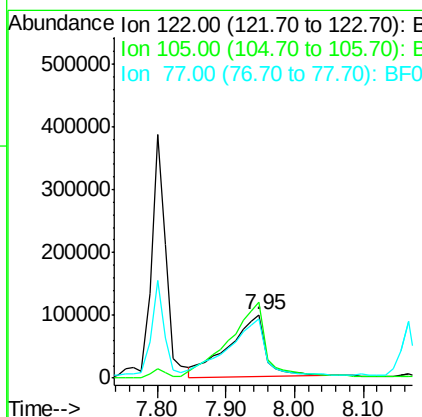
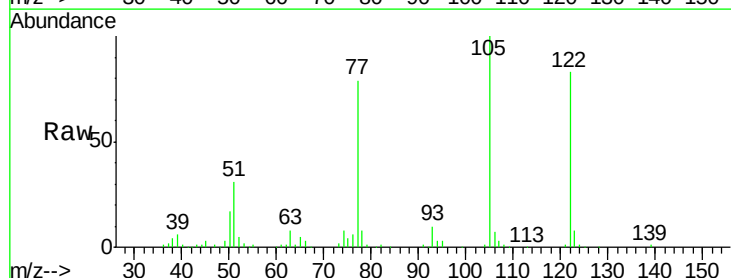
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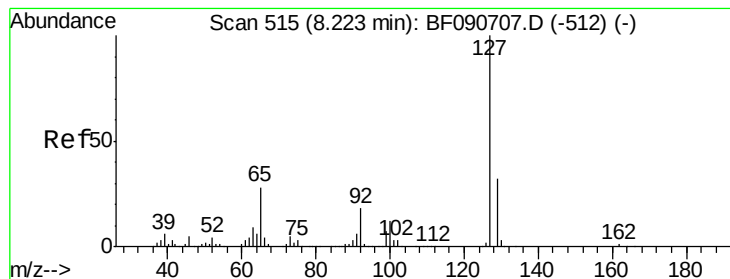
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#32
Benzoic acid
Concen: 37.72 ng
RT: 7.95 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	76.1	116.1#
77	94.7	40.5	80.5#





#33

4-Chloroaniline

Concen: 17.15 ng

RT: 8.22 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

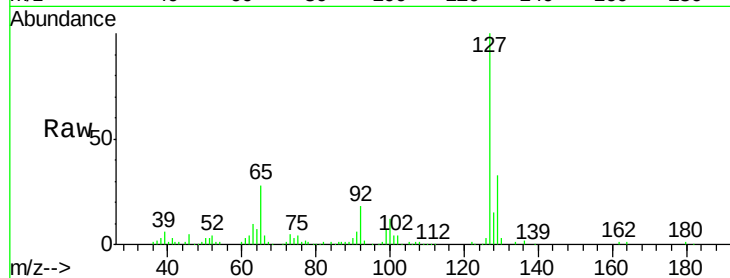
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	25.8	38.6
65	28.1	17.9	26.9
92	17.6	10.5	15.7

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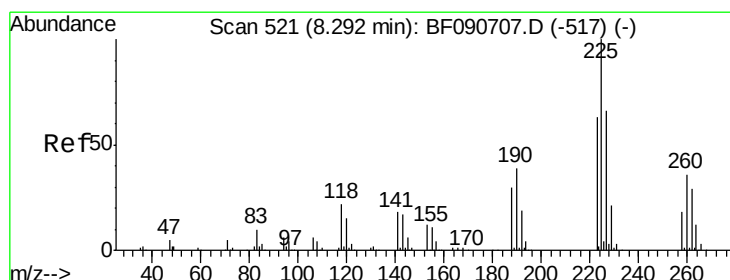
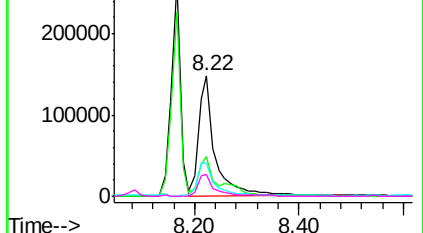
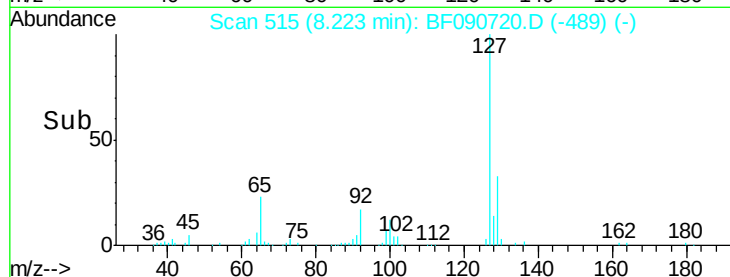


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 51.45 ng

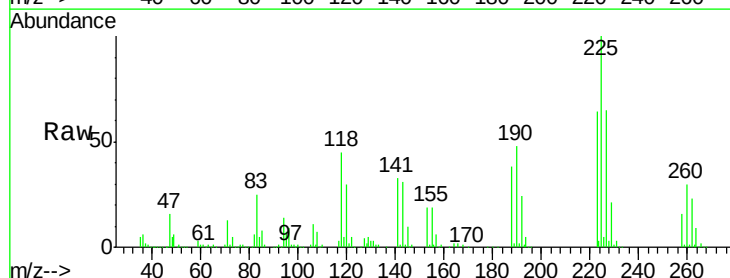
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

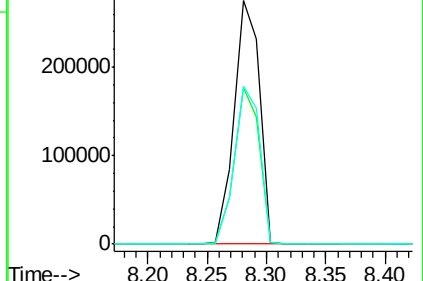
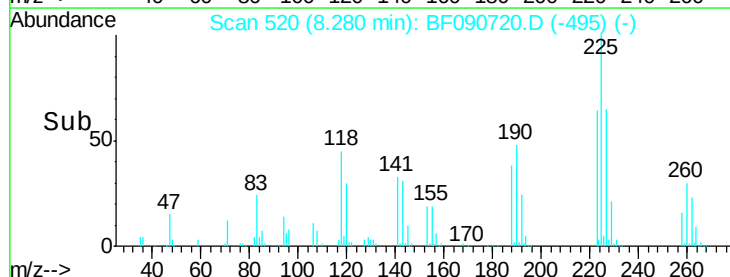
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.5	50.2	75.2
227	64.6	52.2	78.2

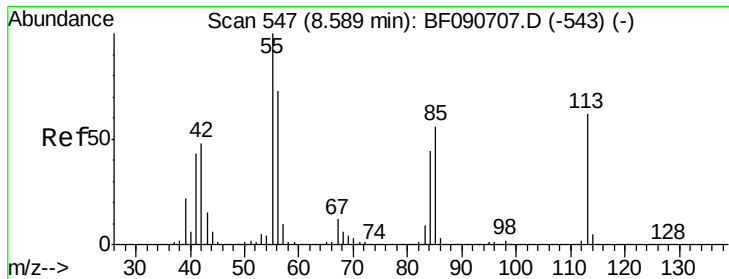


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 63.20 ng/mL

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

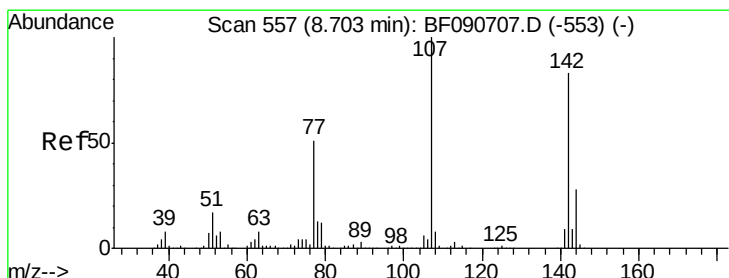
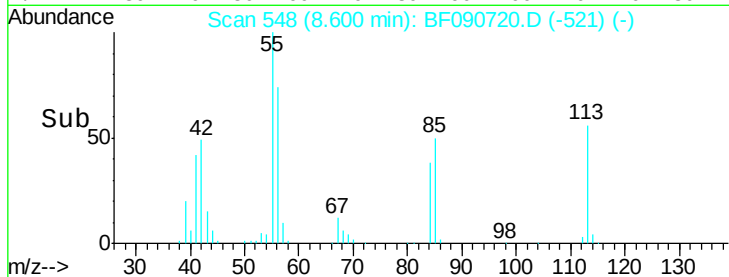
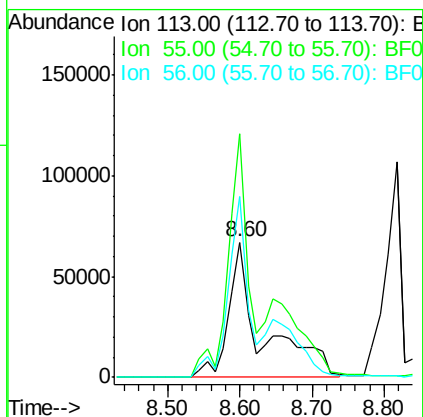
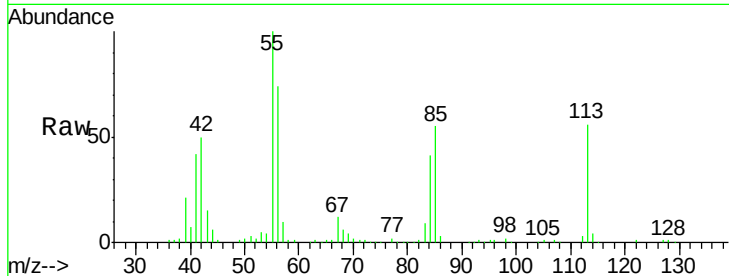
ClientSampleID :

PB94262BS

Tot Ion:	113	Resp:	217699
Ion Ratio	Lower	Upper	
113	100		
55	180.1	152.4	192.4
56	133.8	104.6	144.6

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#36

4-Chloro-3-methylphenol

Concen: 49.49 ng/mL

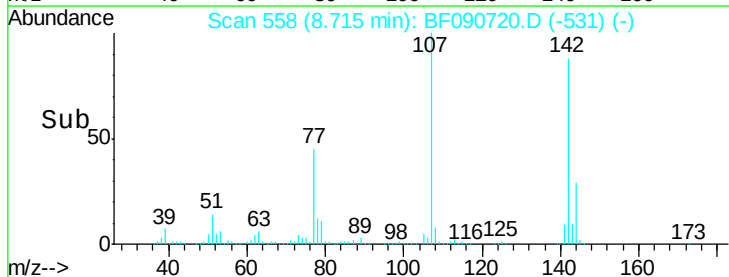
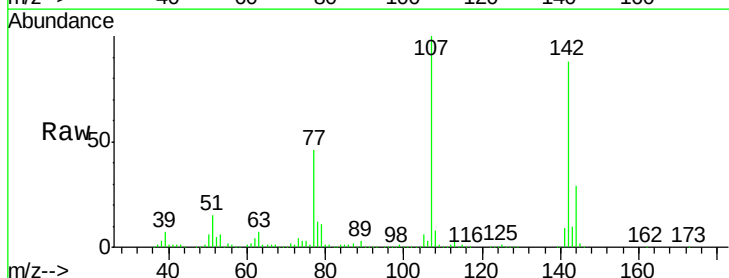
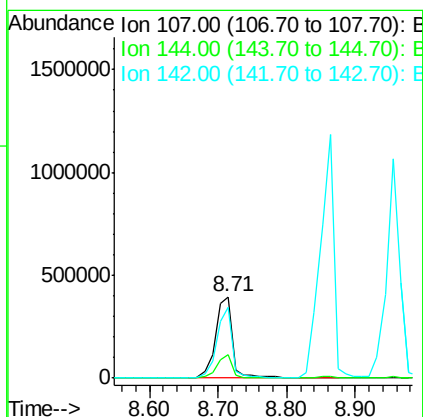
RT: 8.71 min Scan# 558

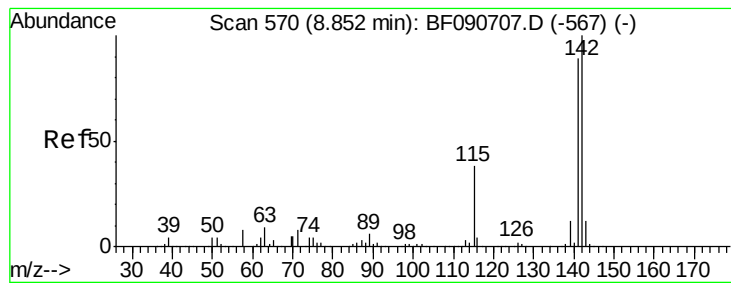
Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:	107	Resp:	694229
Ion Ratio	Lower	Upper	
107	100		
144	28.9	25.4	38.0
142	87.5	77.3	115.9





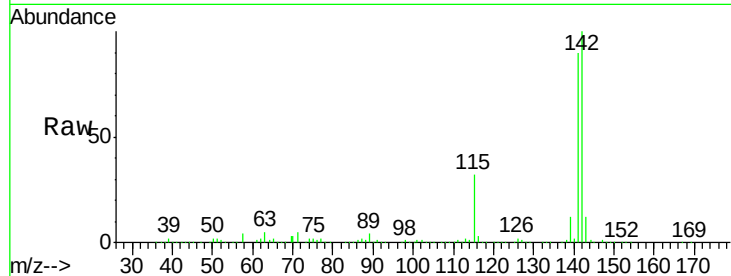
#37
2-Methylnaphthalene
Concen: 55.08 ng
RT: 8.86 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

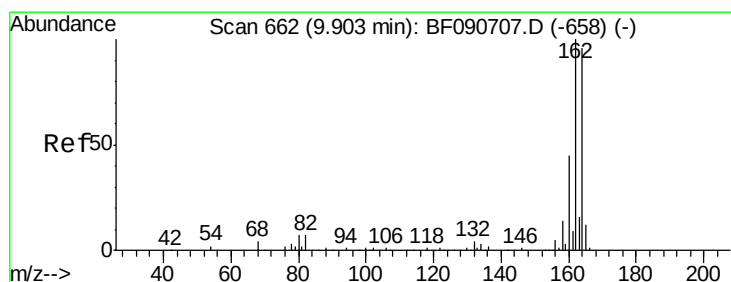
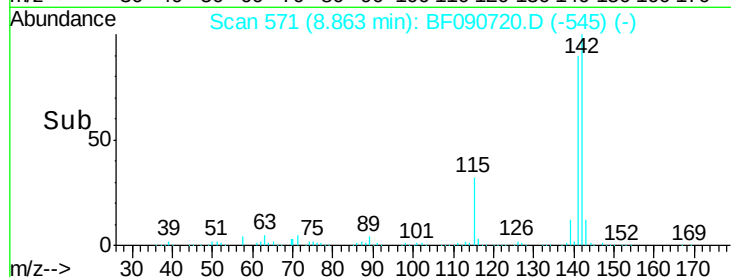
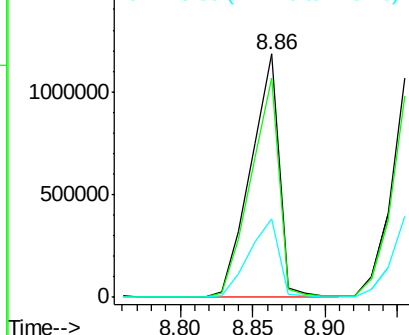
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.5	101.3
115	32.3	18.2	27.2

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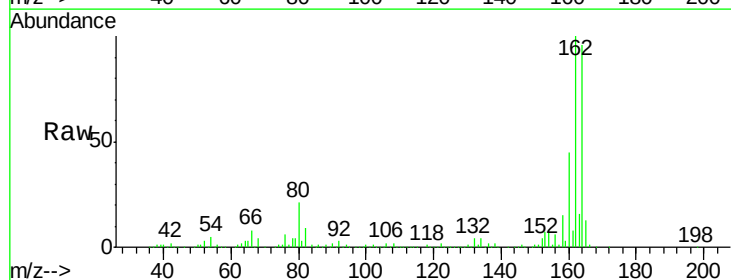


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

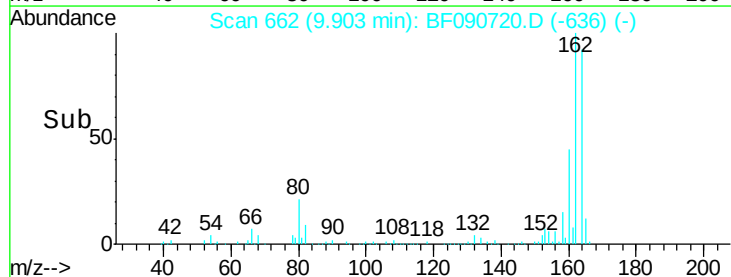
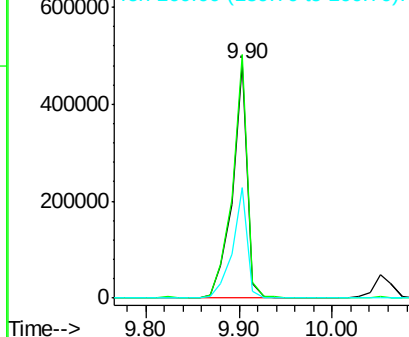


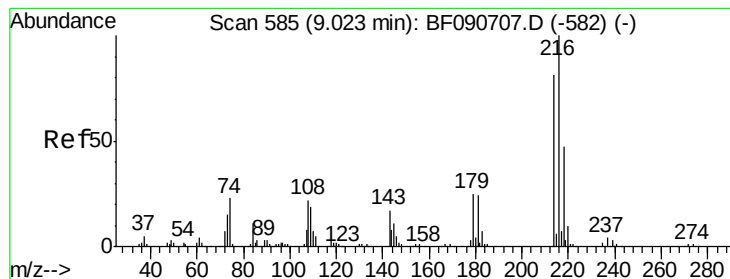
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	47.0	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.01 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

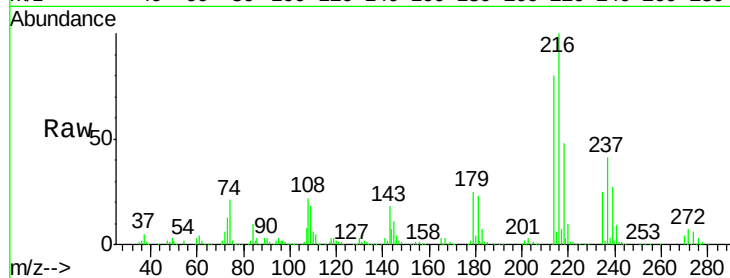
ClientSampleId :

PB94262BS

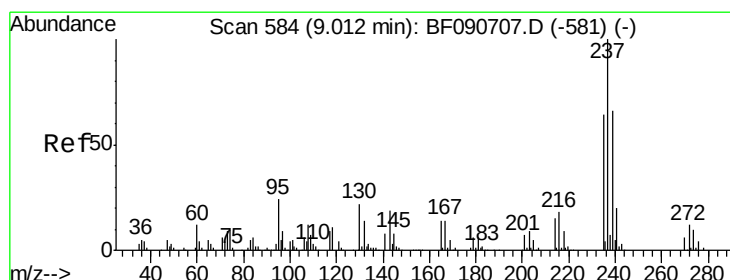
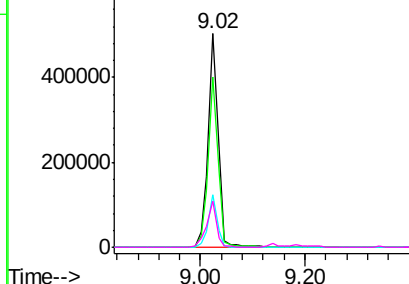
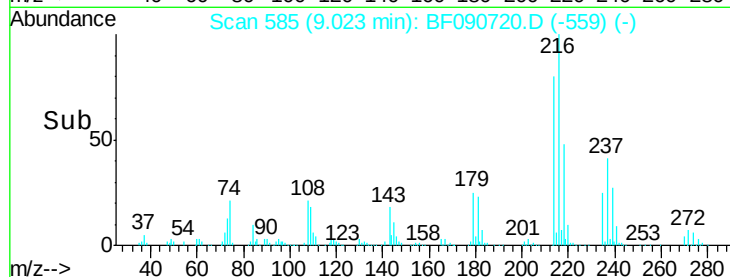
Tot Ion:	216	Resp:	676164
Ion Ratio		Lower	Upper
216	100		
214	78.8	63.5	95.3
179	22.2	16.6	24.8
108	20.6	16.3	24.5

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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: 114.70 ng

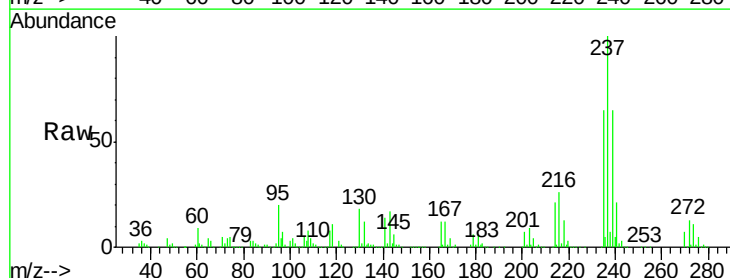
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

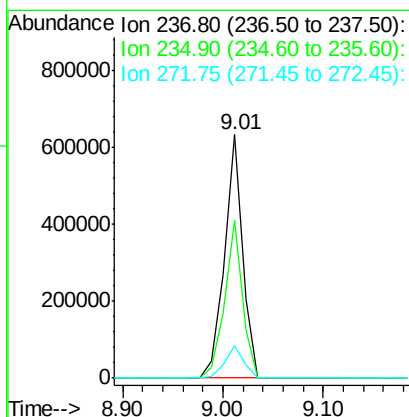
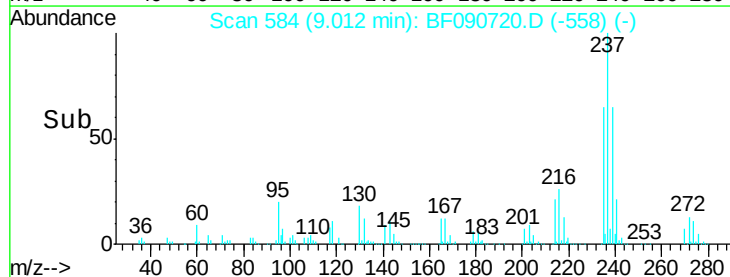
Lab File: BF090720.D

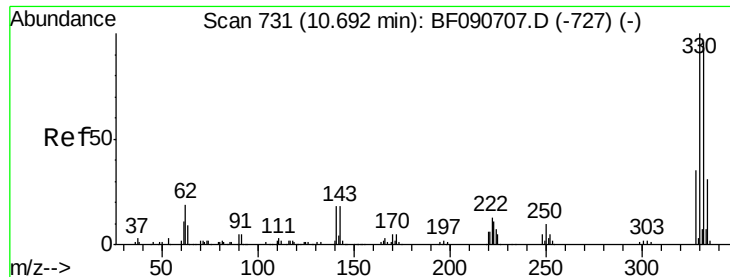
Acq: 21 Oct 2016 19:58

Tgt Ion:	237	Resp:	791399
Ion Ratio		Lower	Upper
237	100		
235	65.1	42.0	82.0
272	13.1	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





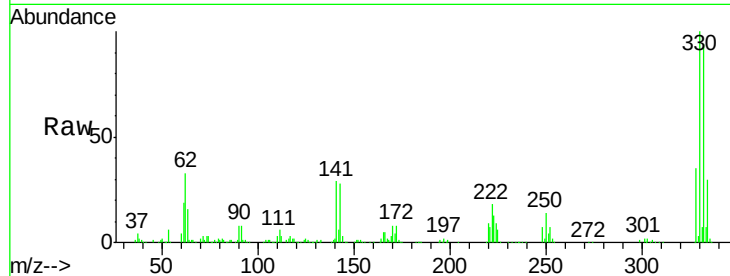
#41
 2,4,6-Tribromophenol
 Concen: 169.67 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

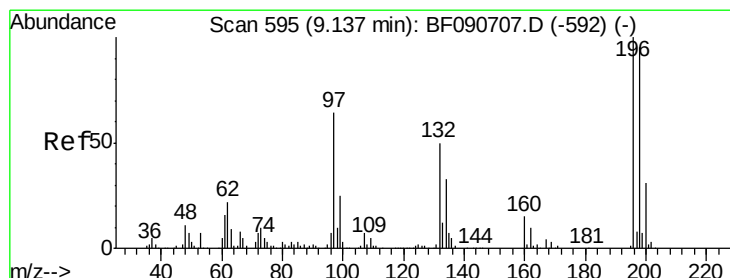
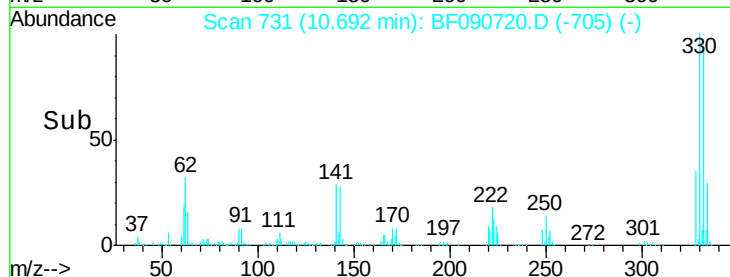
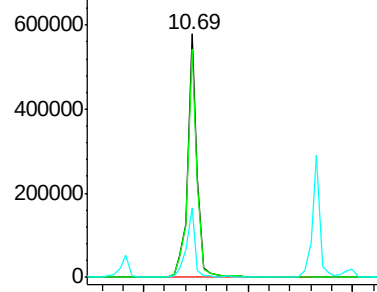
Tot Ion	Ratio	Resp	Lower	Upper
330	100	730940		
332	94.9		76.6	114.8
141	26.0		29.7	44.5#

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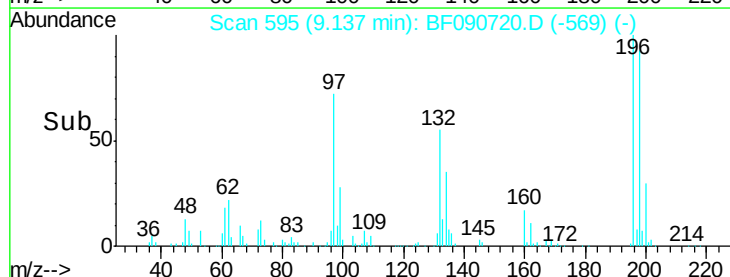
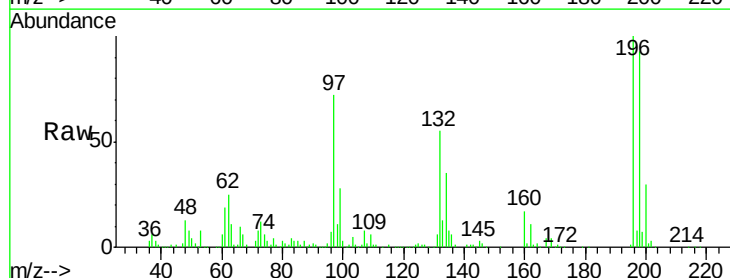
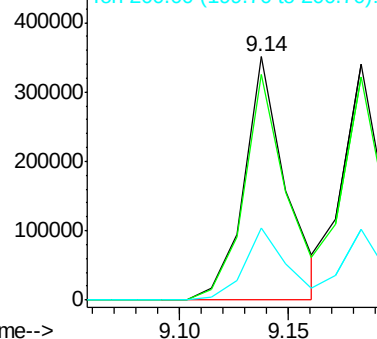
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

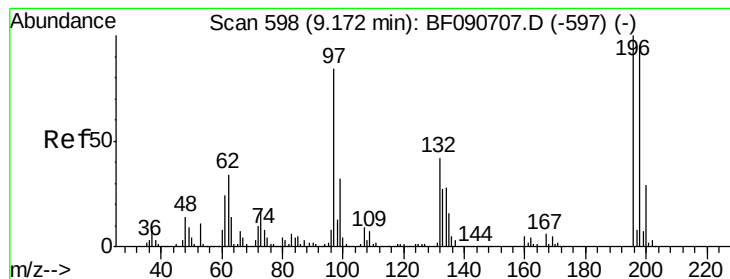


#42
 2,4,6-Trichlorophenol
 Concen: 51.56 ng
 RT: 9.14 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	469889		
198	92.5		75.7	113.5
200	29.7		23.9	35.9

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





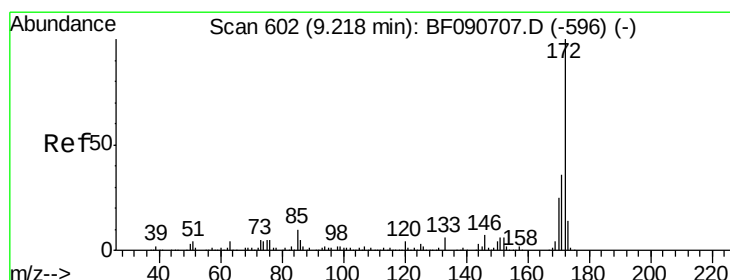
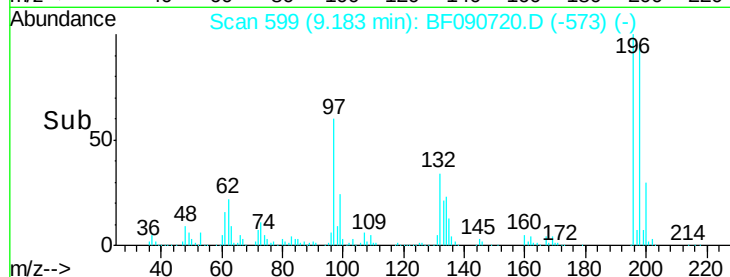
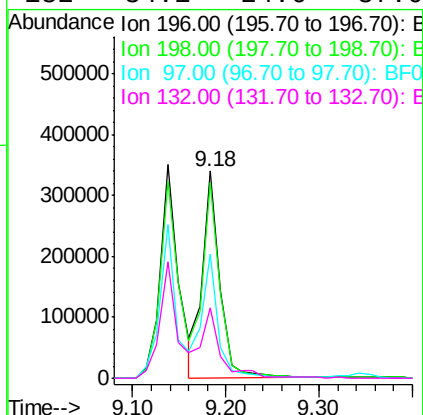
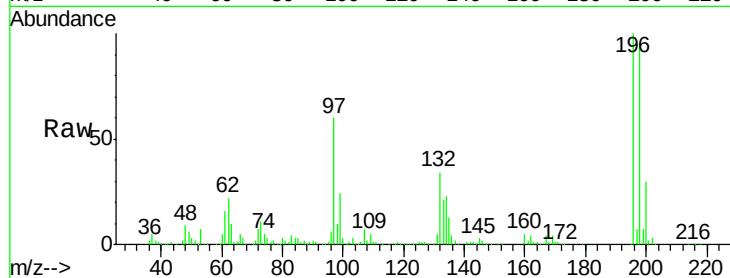
#43
 2,4,5-Trichlorophenol
 Concen: 47.99 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		443830		
198	94.5	75.4	113.0		
97	59.8	33.3	49.9		
132	34.1	24.6	37.0		

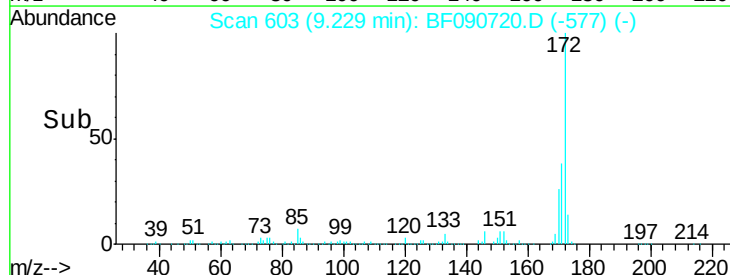
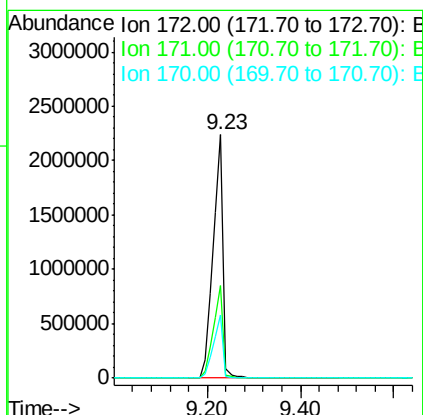
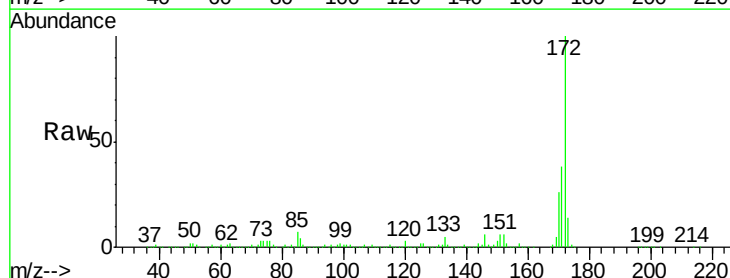
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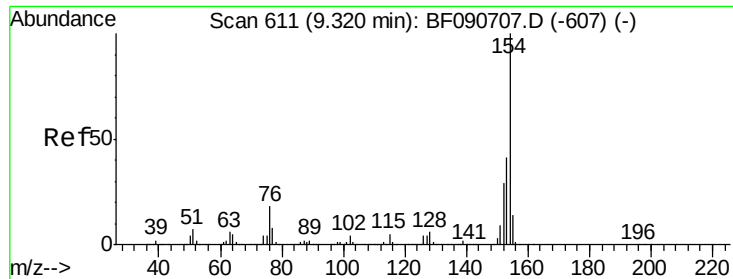
sohil
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#44
 2-Fluorobiphenyl
 Concen: 96.06 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3367890		
171	37.8	26.1	39.1		
170	26.1	17.4	26.2		





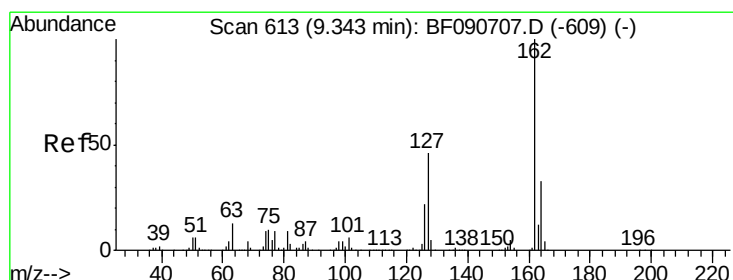
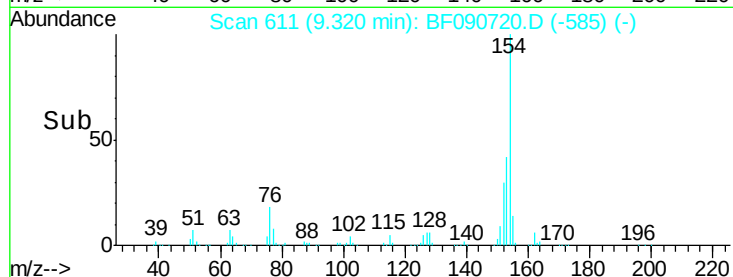
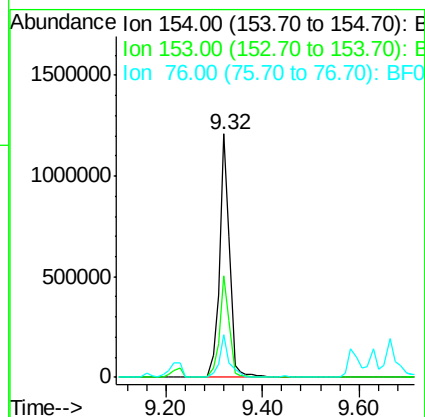
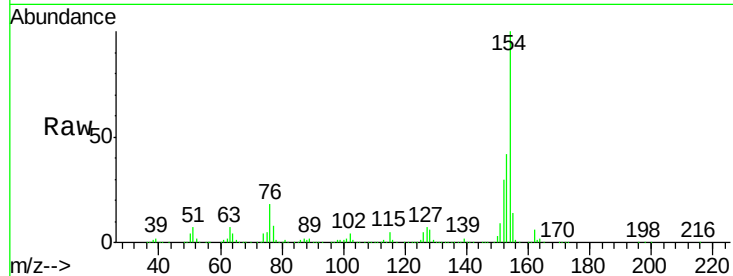
#45
 1,1'-Biphenyl
 Concen: 41.78 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	17.1	57.1
76	17.6	0.0	31.6

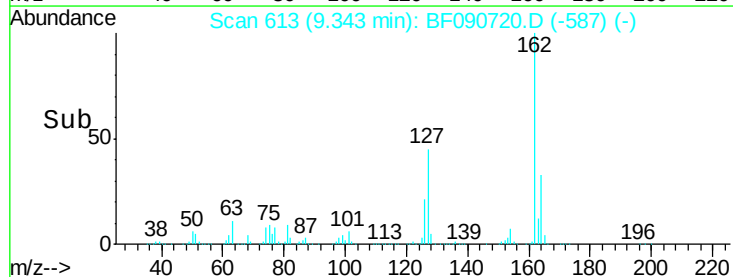
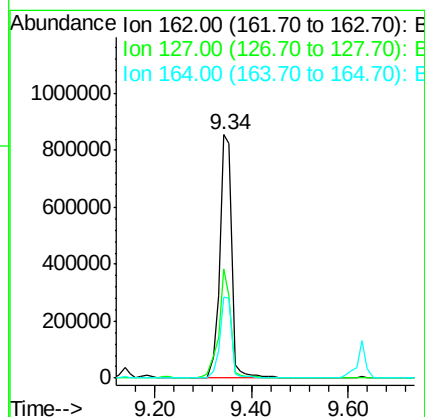
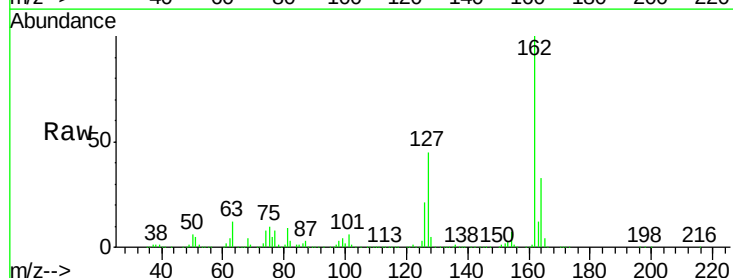
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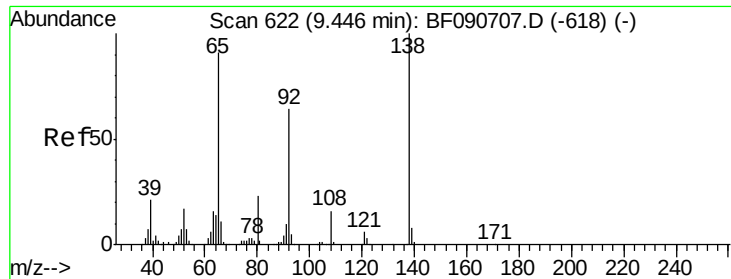
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#46
 2-Chloronaphthalene
 Concen: 47.23 ng
 RT: 9.34 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	27.6	41.4#
164	33.1	25.4	38.2





#47

2-Nitroaniline

Concen: 46.02 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

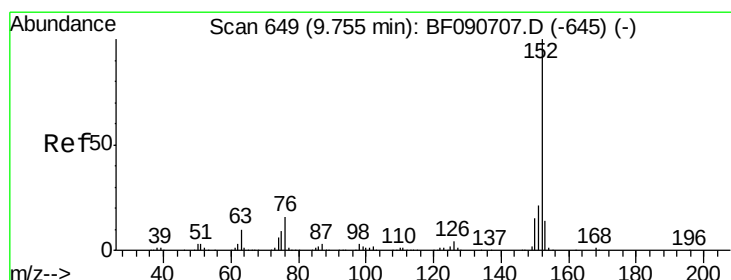
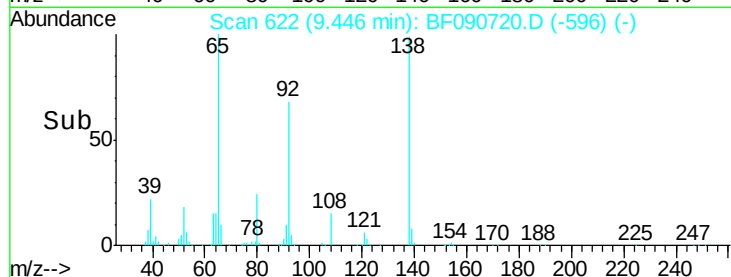
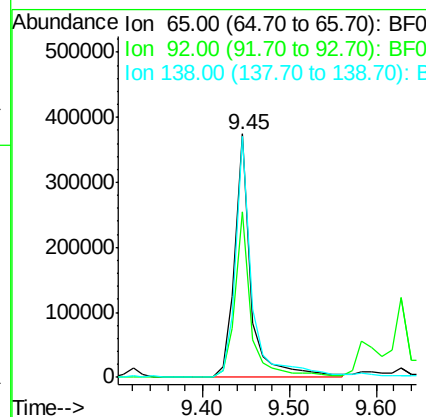
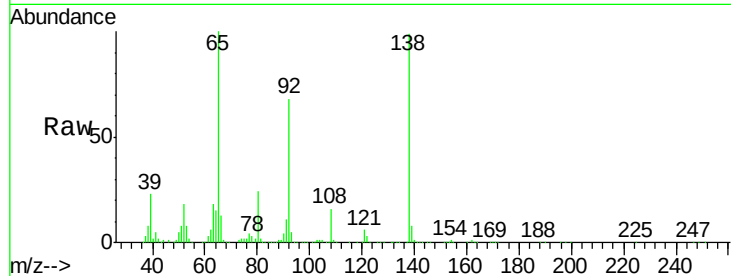
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	55.4	83.0
138	98.8	115.5	173.3#

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#48

Acenaphthylene

Concen: 45.11 ng

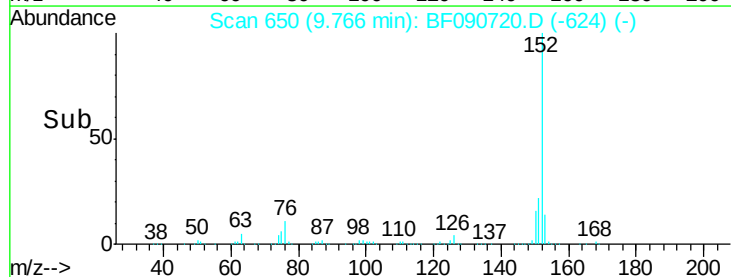
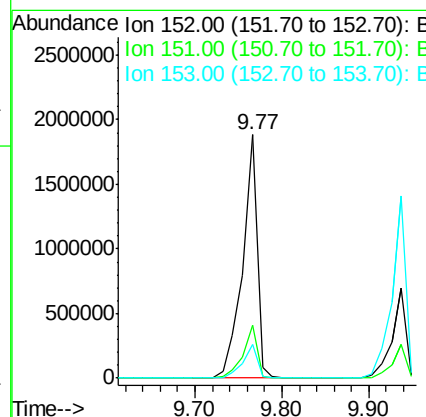
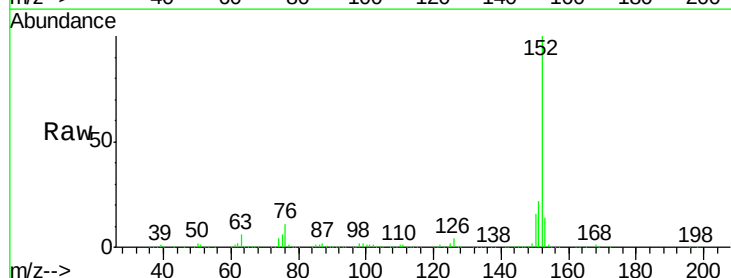
RT: 9.77 min Scan# 650

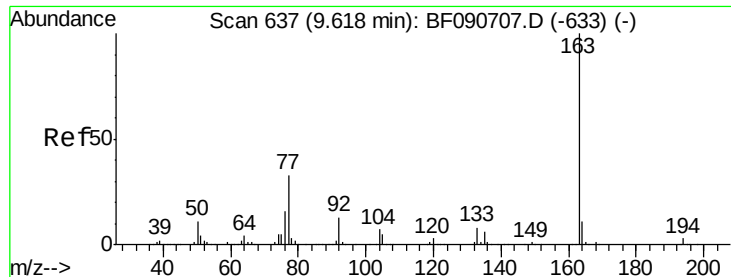
Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	14.6	22.0
153	14.0	10.3	15.5





#49

Dimethylphthalate

Concen: 44.98 ng

RT: 9.63 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:163 Resp: 1538444

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

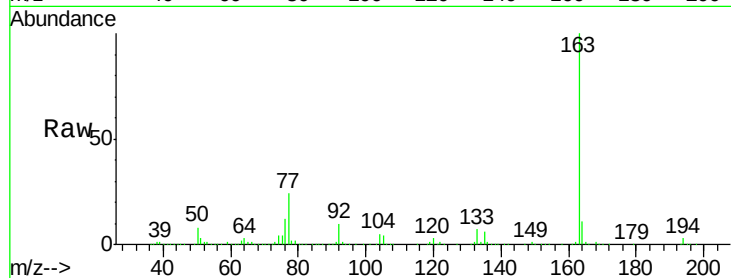
164 11.0 8.3 12.5

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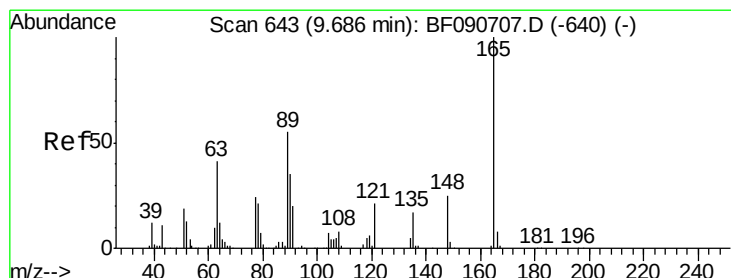
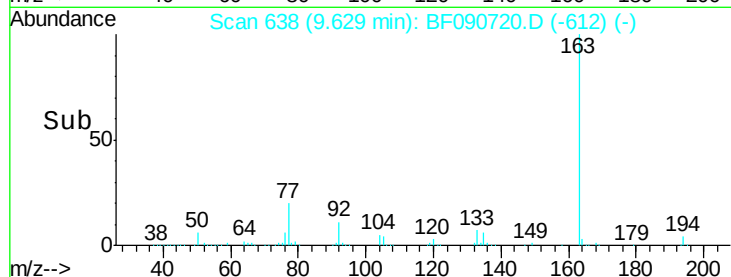
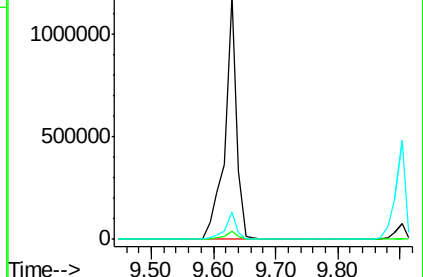
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.40 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

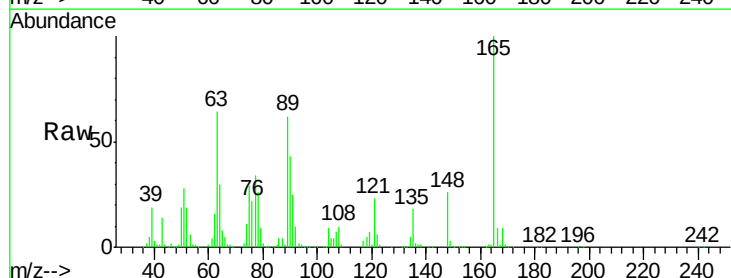
Tgt Ion:165 Resp: 341254

Ion Ratio Lower Upper

165 100

63 64.2 32.3 48.5#

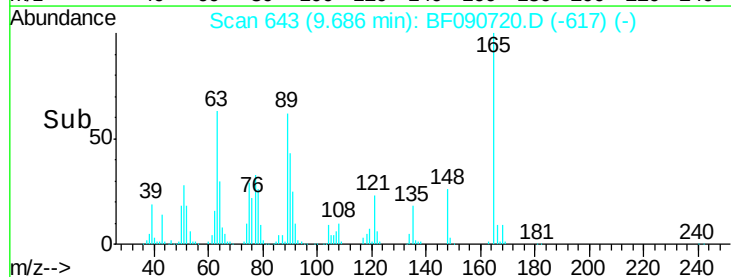
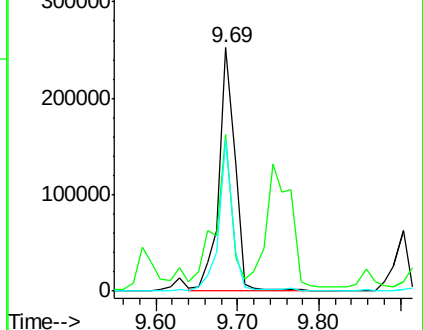
89 62.4 28.6 43.0#

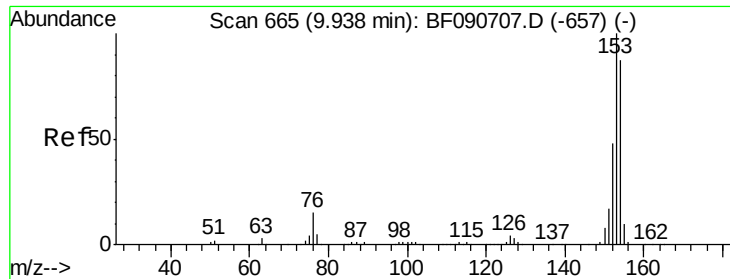


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.96 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:154 Resp: 1640042

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

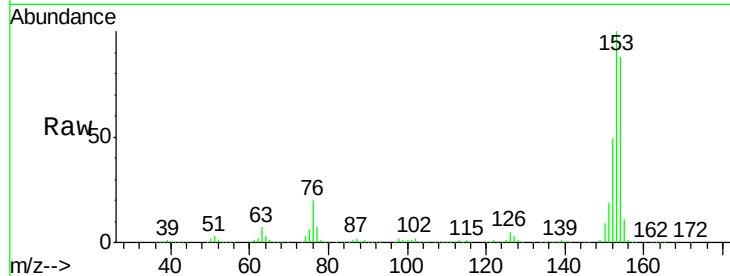
152 56.0 37.9 56.9

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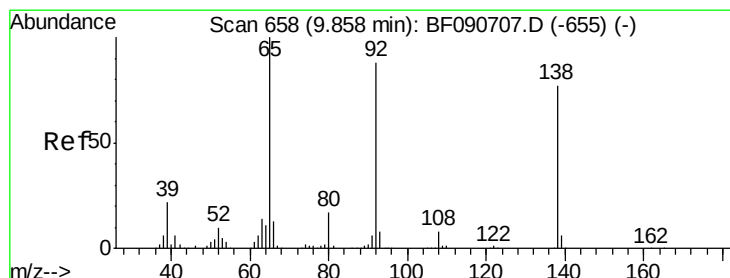
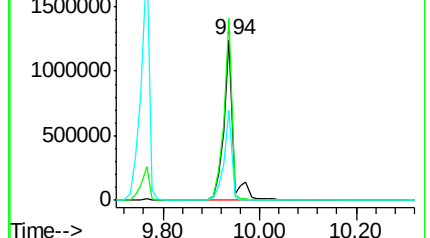
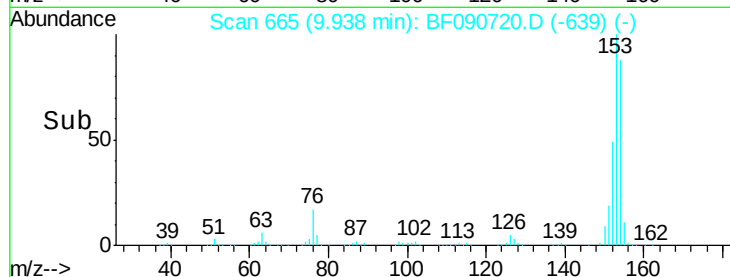
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.09 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

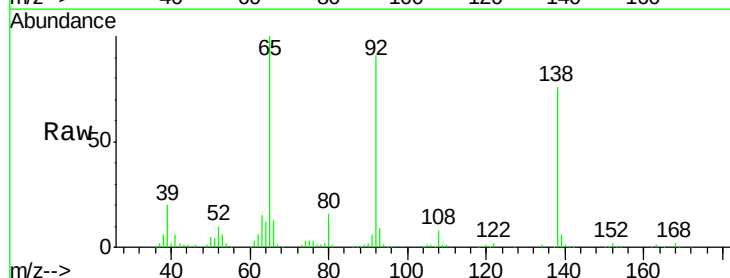
Tgt Ion:138 Resp: 178324

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

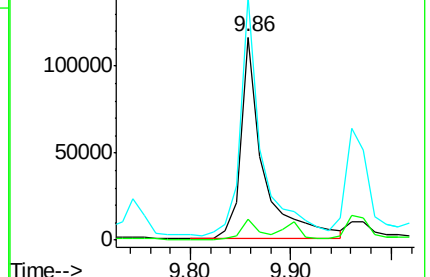
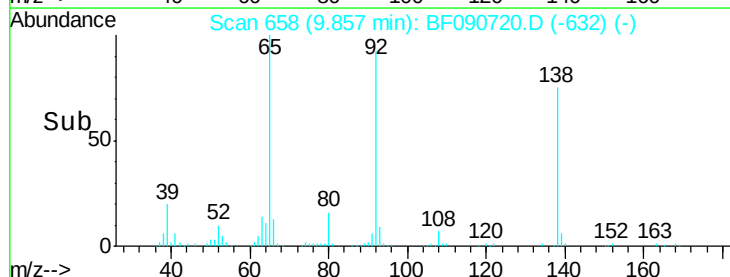
92 119.8 67.7 101.5#

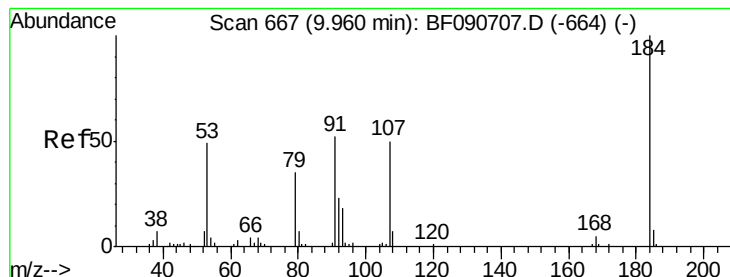


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 76.65 ng/mL

RT: 9.97 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleID :

PB94262BS

Tot Ion:184 Resp: 316240

Ion Ratio Lower Upper

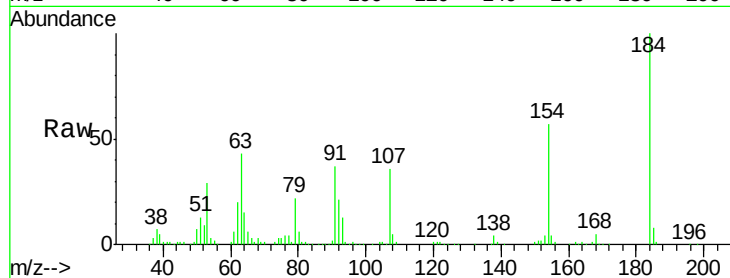
184 100

63 43.1 35.4 53.2

154 57.4 32.2 48.4#

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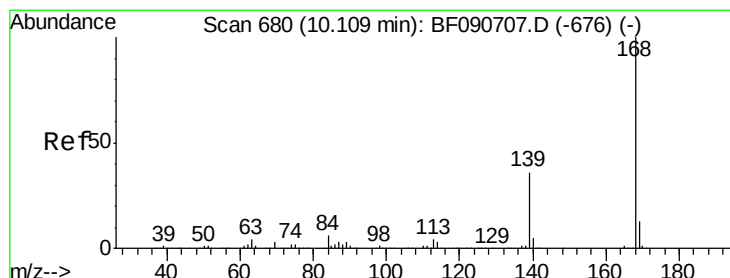
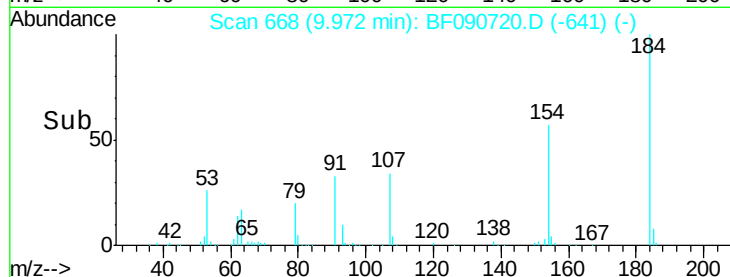
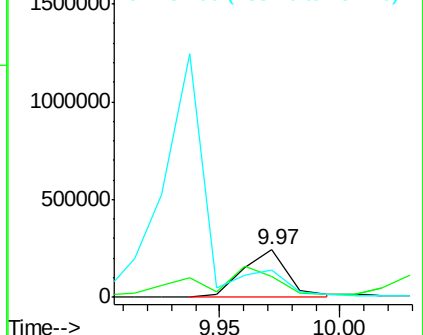
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 51.05 ng

RT: 10.11 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:168 Resp: 1990122

Ion Ratio Lower Upper

168 100

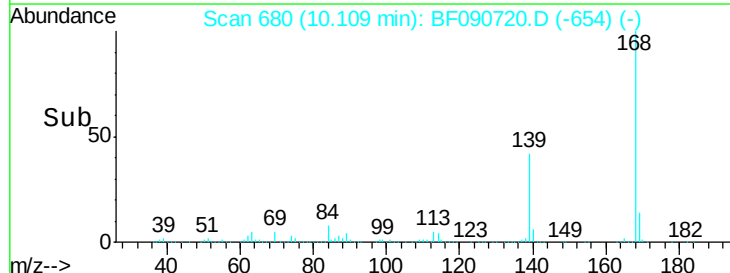
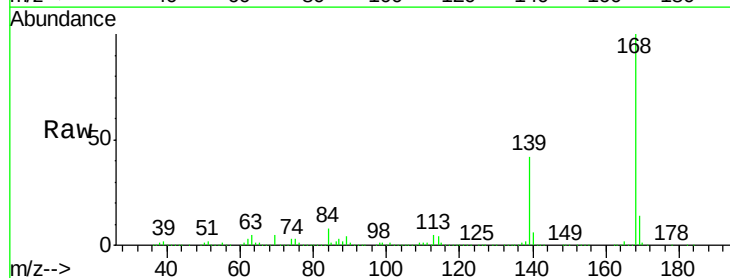
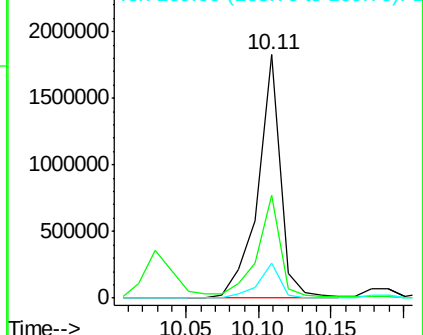
139 42.2 24.2 36.2#

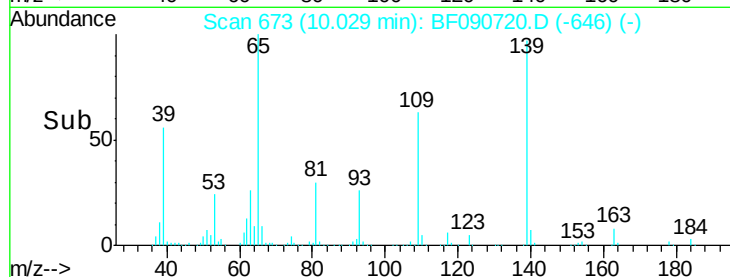
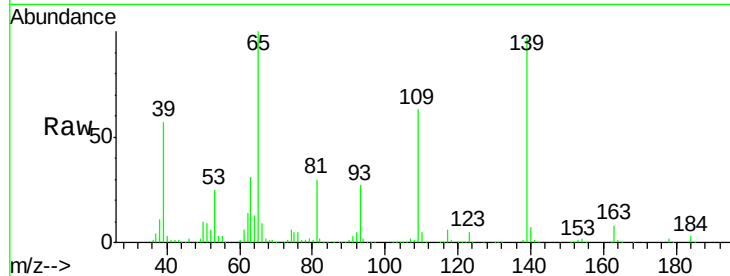
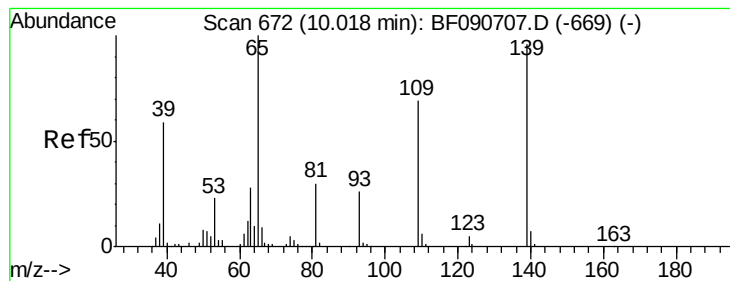
169 14.4 10.6 15.8

Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 103.65 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tot Ion:	139	Resp:	548167
Ion Ratio	Lower	Upper	
139	100		
109	64.9	12.7	52.7#
65	103.5	45.9	85.9#

Instrument :

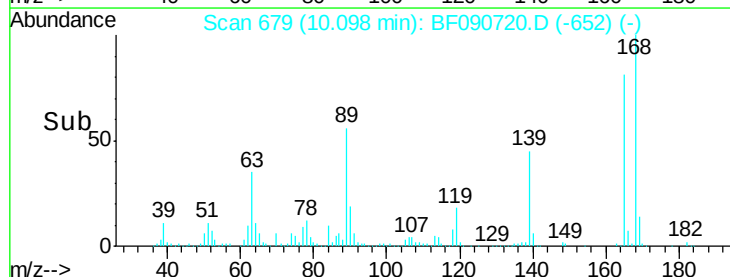
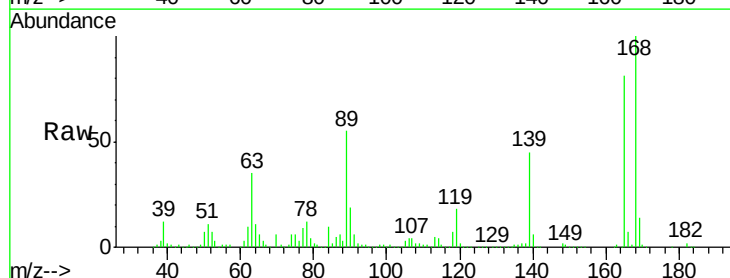
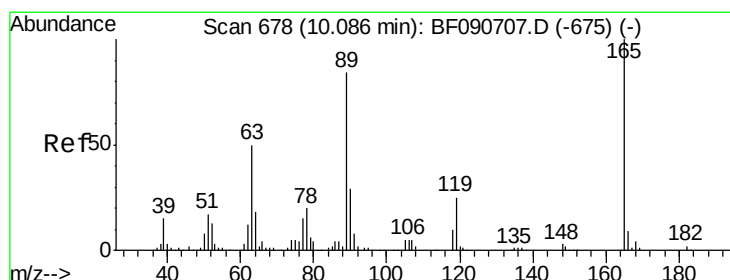
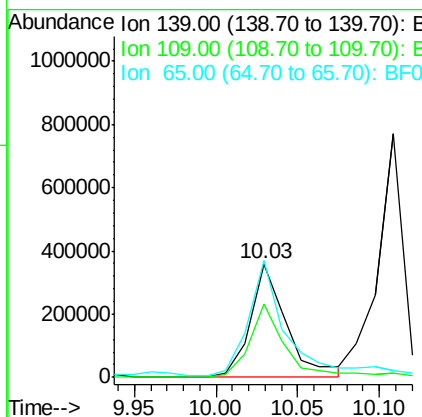
BNA_F

ClientSampleId :

PB94262BS

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#56

2,4-Dinitrotoluene

Concen: 58.14 ng

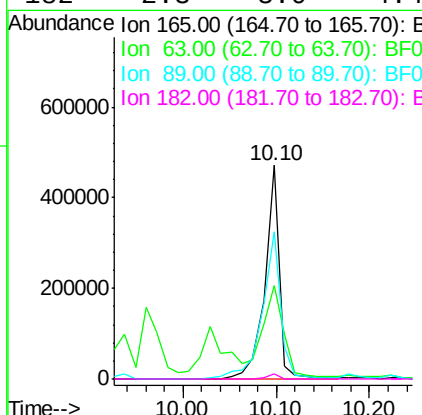
RT: 10.10 min Scan# 679

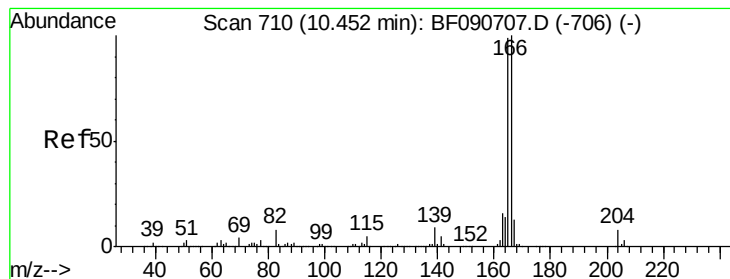
Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:	165	Resp:	522672
Ion Ratio	Lower	Upper	
165	100		
63	43.7	29.8	44.6
89	68.7	44.5	66.7#
182	2.3	3.0	4.4#





#57

Fluorene

Concen: 46.77 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:166 Resp: 1510886

Ion Ratio Lower Upper

166 100

165 99.6 72.6 109.0

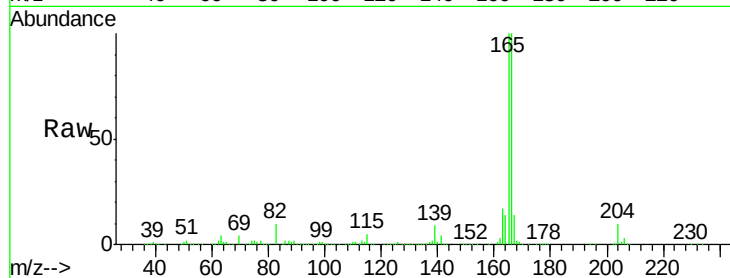
167 14.0 10.6 16.0

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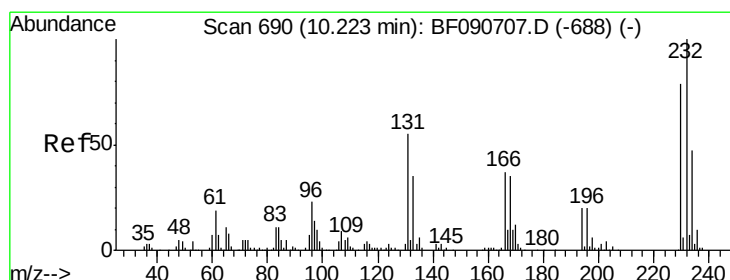
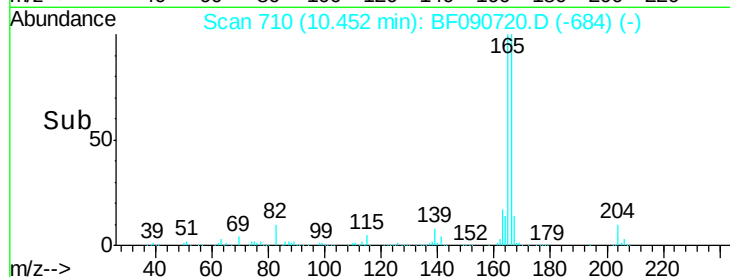
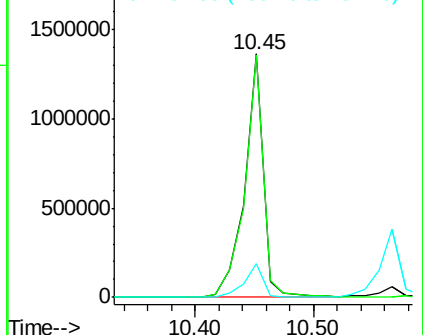
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.93 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:232 Resp: 384171

Ion Ratio Lower Upper

232 100

131 51.7 38.5 57.7

130 2.3 1.8 2.6

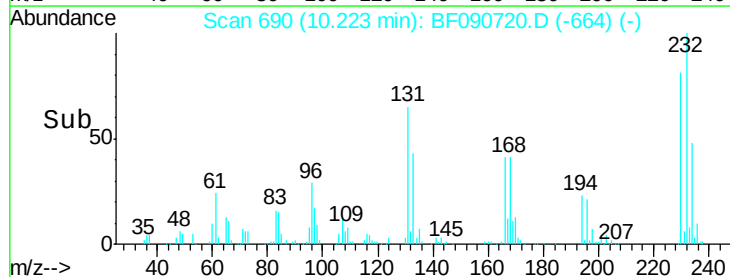
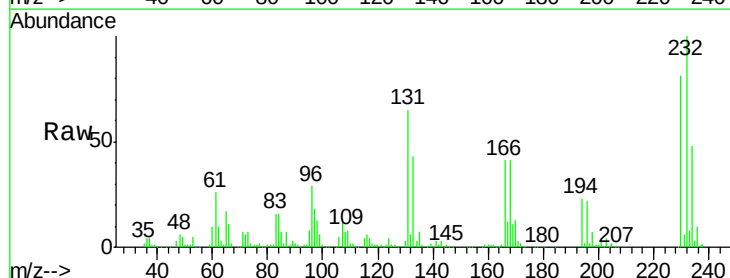
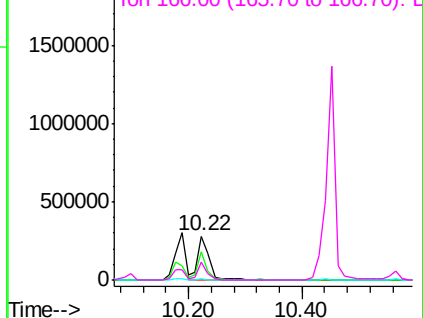
166 32.6 25.0 37.6

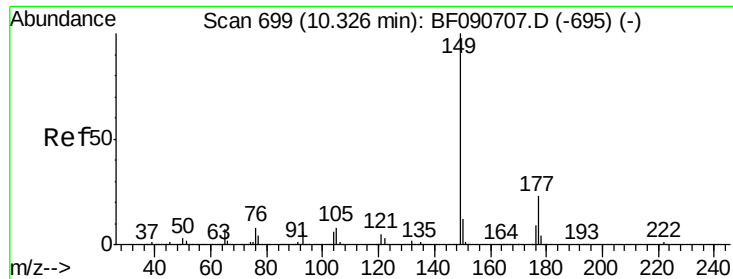
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





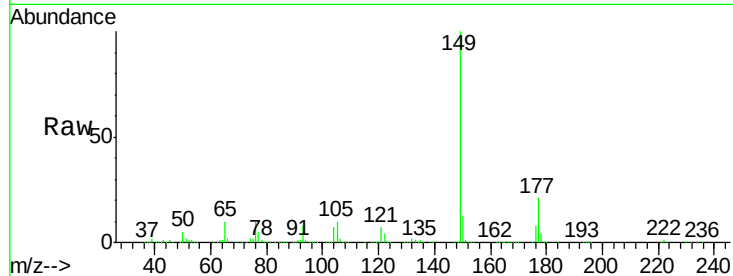
#59
Diethylphthalate
Concen: 44.74 ng
RT: 10.33 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

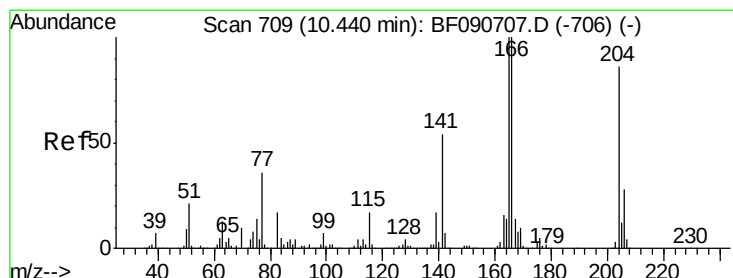
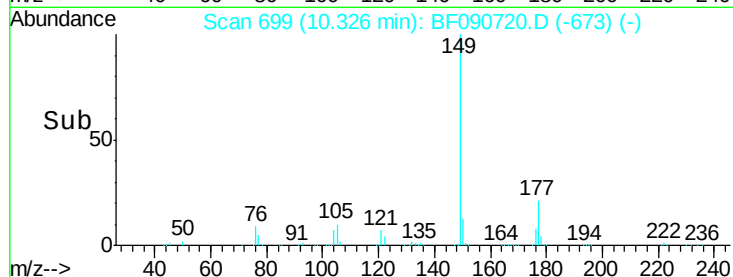
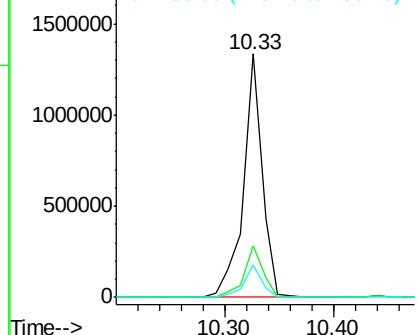
Tot Ion:149 Resp: 1587063
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 13.2 9.4 14.2

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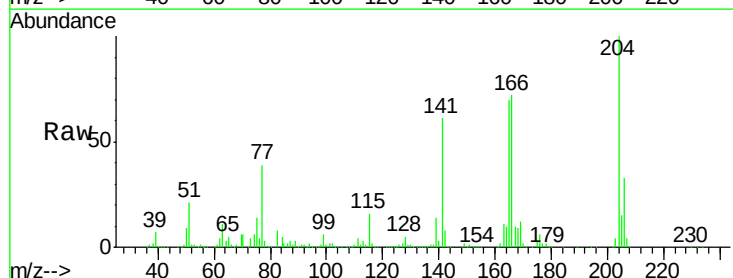


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

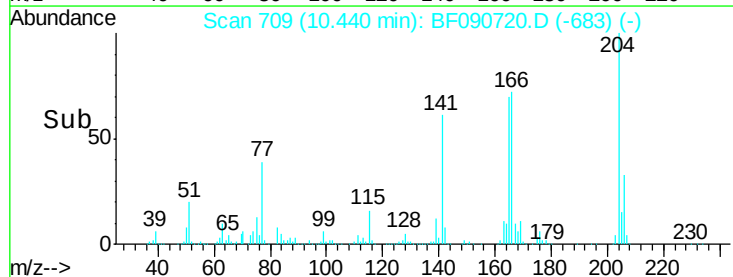
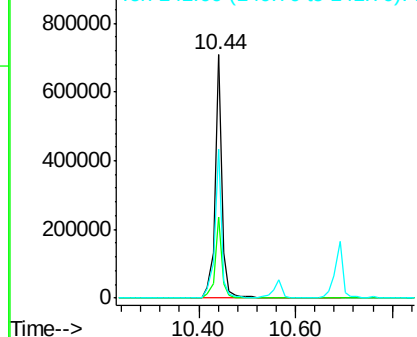


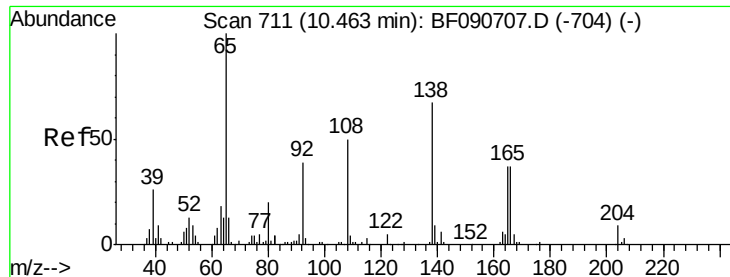
#60
4-Chlorophenyl-phenylether
Concen: 49.23 ng
RT: 10.44 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion:204 Resp: 726771
Ion Ratio Lower Upper
204 100
206 33.2 24.8 37.2
141 61.3 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.77 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

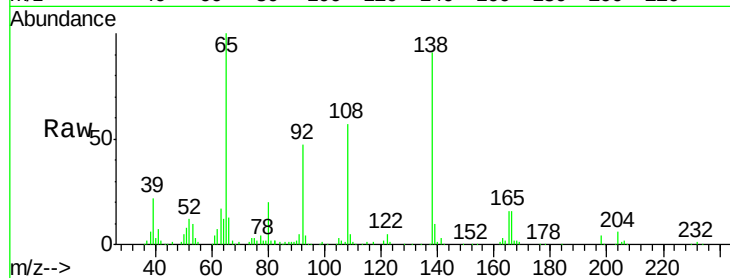
ClientSampleId :

PB94262BS

Tot Ion:	138	Resp:	331960
Ion Ratio	Lower	Upper	
138	100		
92	51.8	12.6	52.6
108	61.8	12.4	52.4

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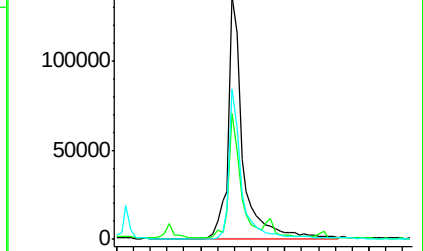
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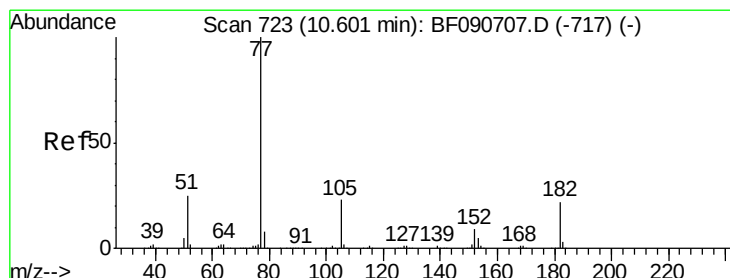
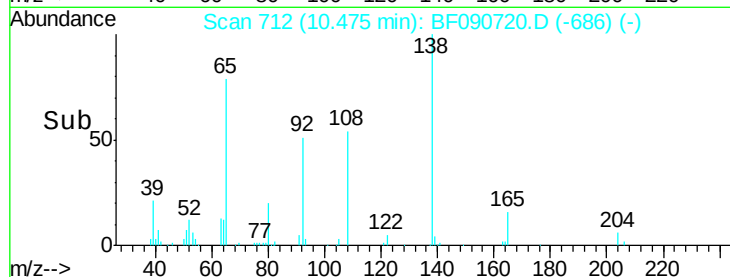
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



Time--> 10.20 10.40 10.60 10.80



#62

Azobenzene

Concen: 29.26 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

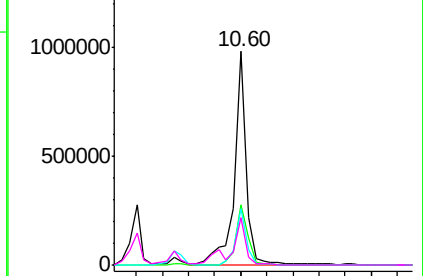
Tgt Ion:	77	Resp:	1215582
Ion Ratio	Lower	Upper	
77	100		
182	27.9	15.1	55.1
105	26.2	3.4	43.4
51	22.3	12.0	52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0

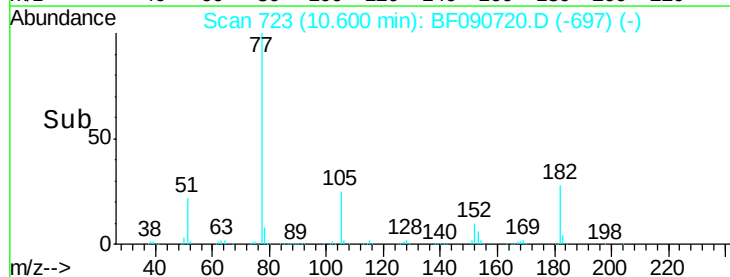
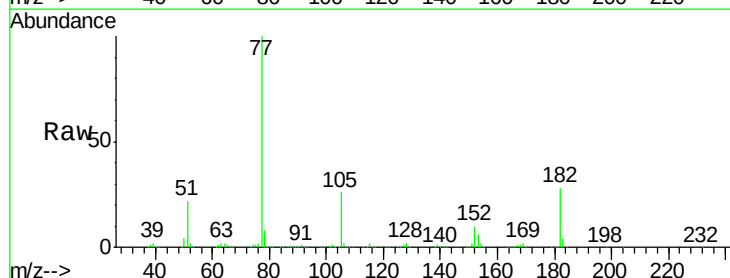
Ion 182.00 (181.70 to 182.70): E

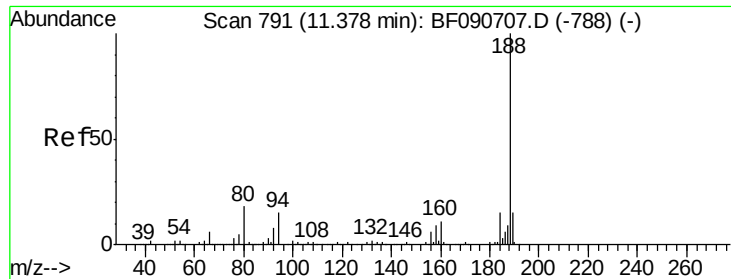
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time--> 10.60 10.80





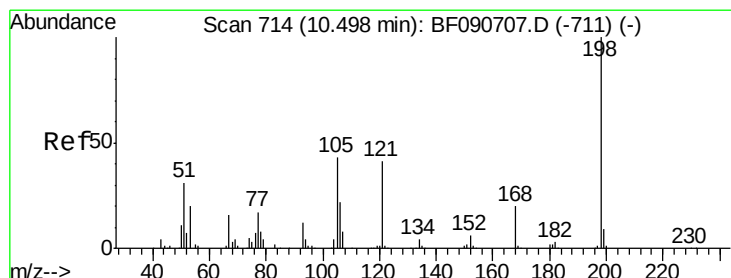
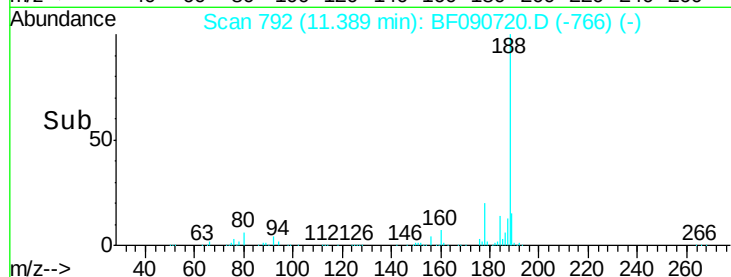
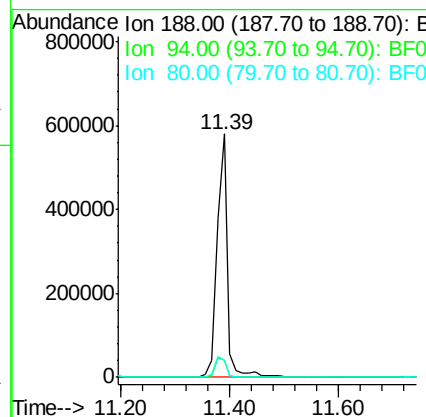
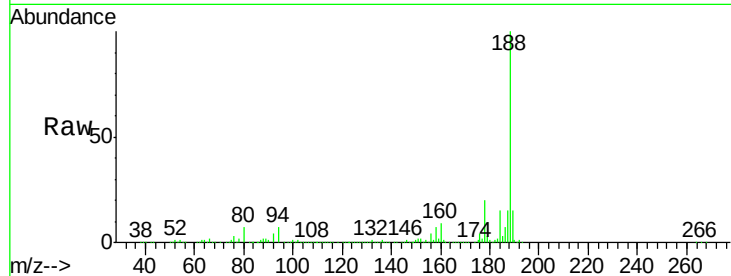
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	11.1	16.7#
80	6.7	11.0	16.4#

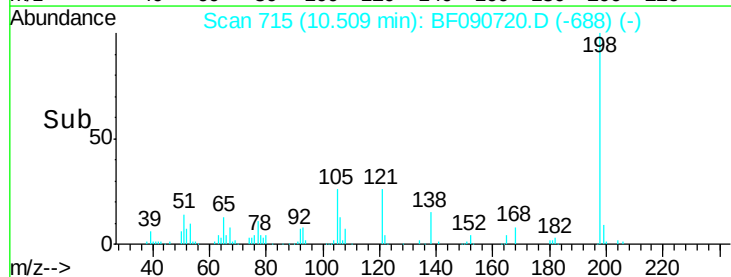
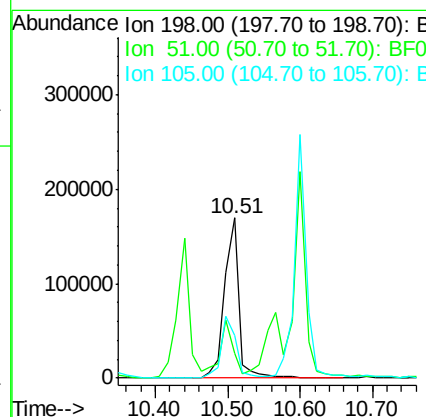
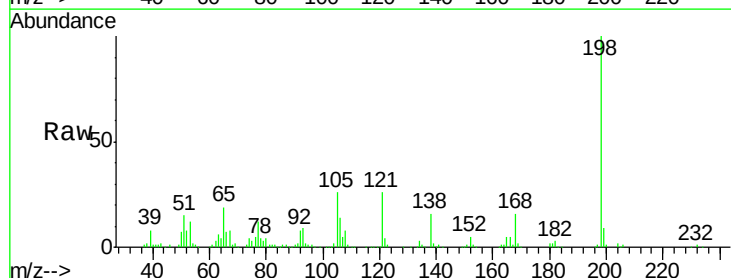
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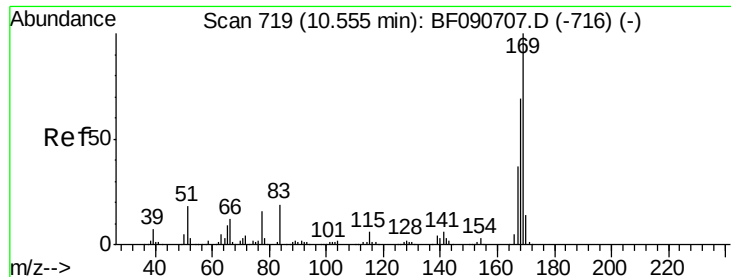
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.34 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	15.2	39.6	79.6#
105	26.3	28.5	68.5#





#65

n-Nitrosodiphenylamine

Concen: 48.30 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:169 Resp: 1208206

Ion Ratio Lower Upper

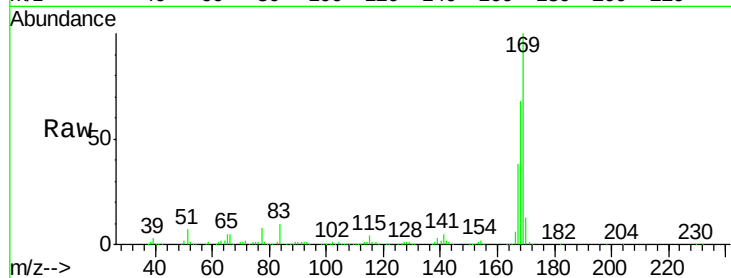
169 100

168 68.3 48.9 73.3

167 37.6 26.2 39.4

Manual Integrations
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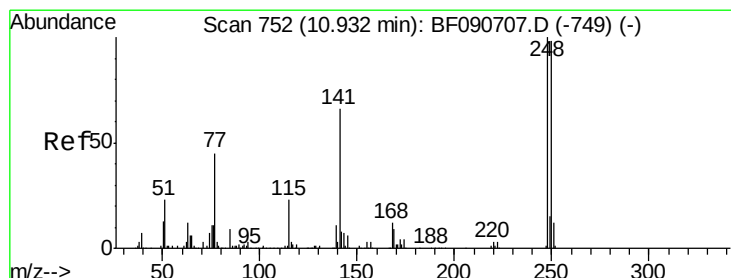
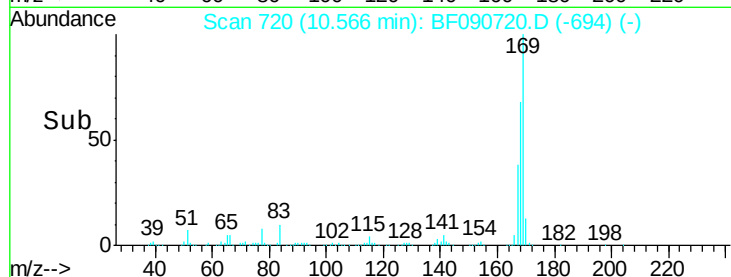
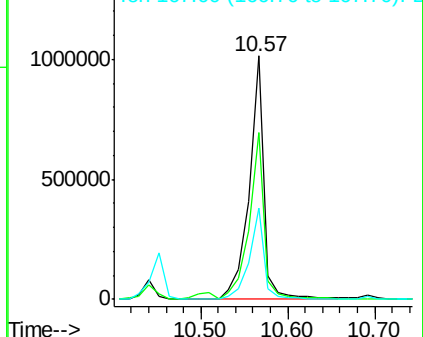
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 60.84 ng

RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

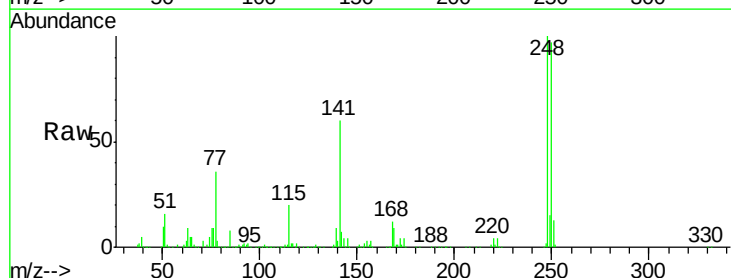
Tgt Ion:248 Resp: 460527

Ion Ratio Lower Upper

248 100

250 96.9 78.5 117.7

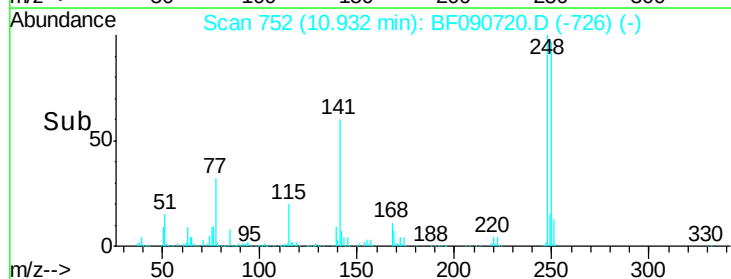
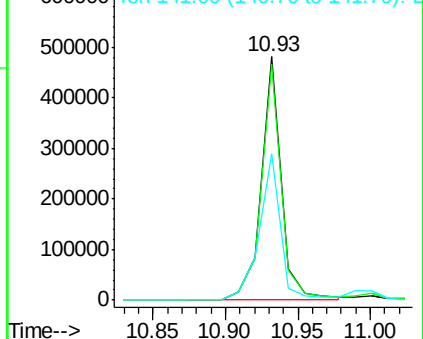
141 60.0 59.0 88.6

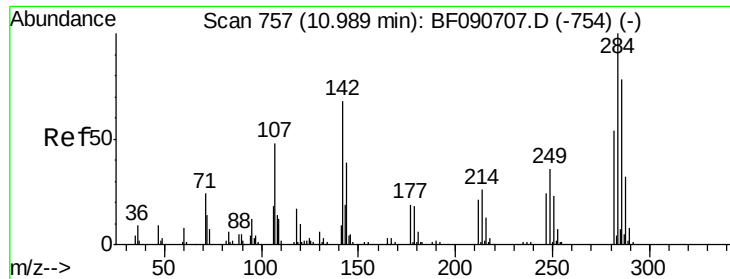


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





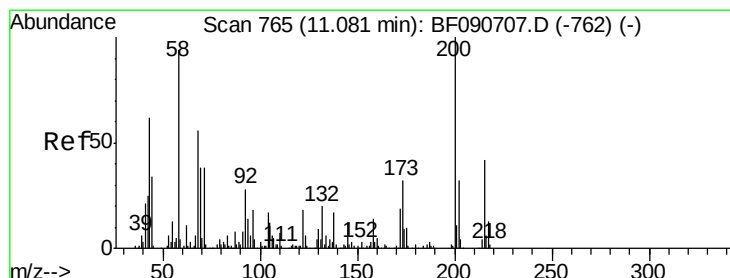
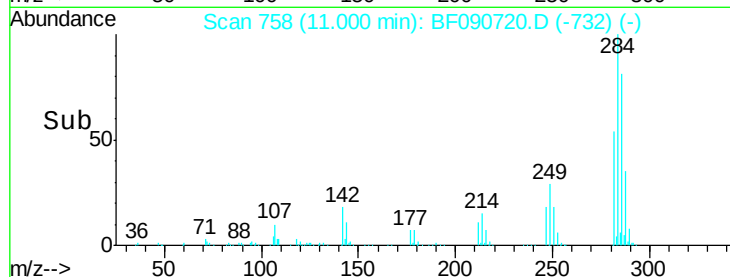
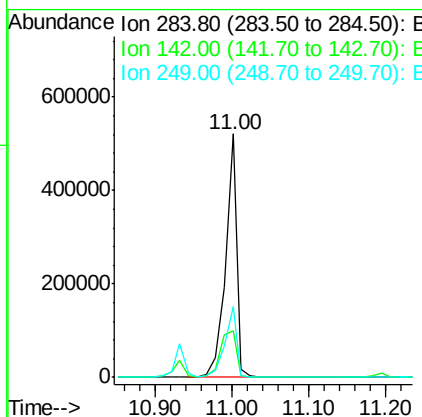
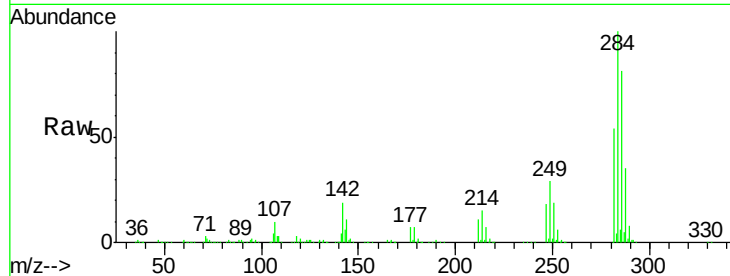
#67
Hexachlorobenzene
Concen: 60.55 ng
RT: 11.00 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	540862		
142	19.0		29.5	44.3#
249	29.0		19.5	29.3

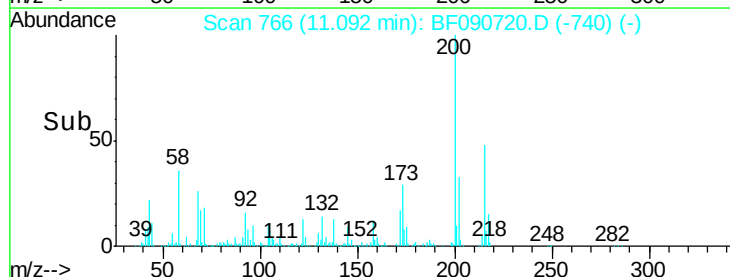
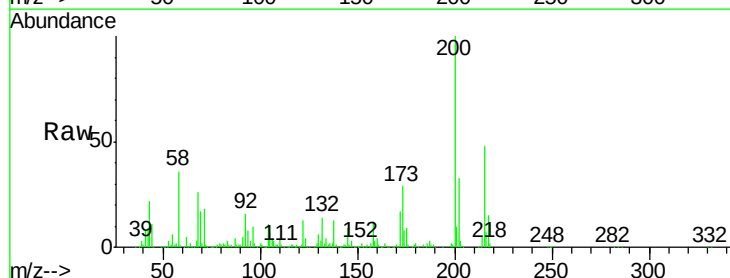
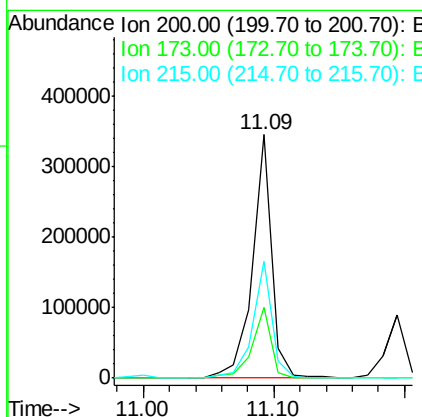
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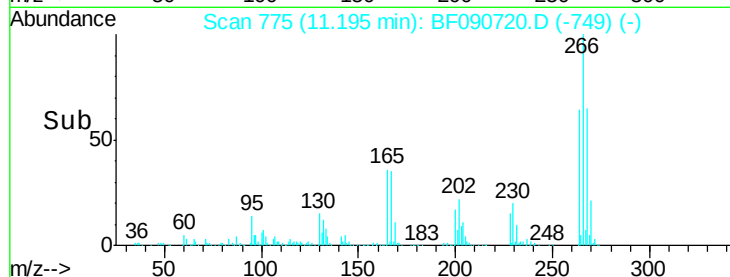
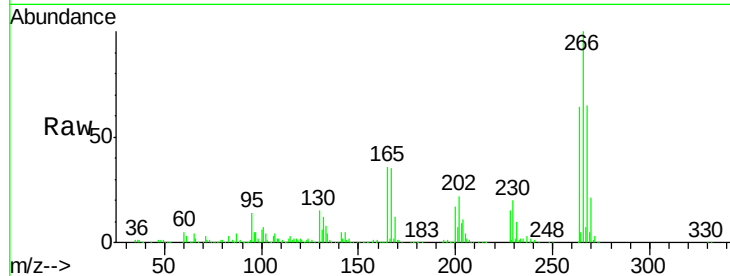
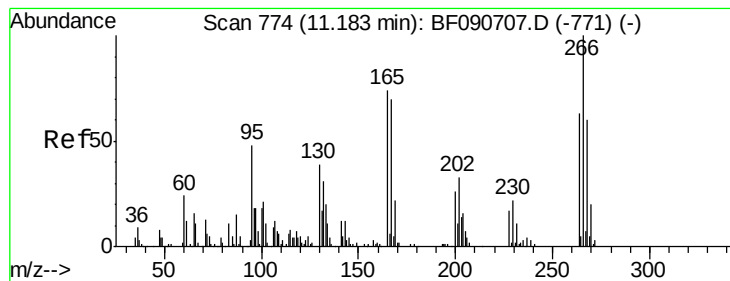
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#68
Atrazine
Concen: 51.55 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	355889		
173	29.3		13.2	53.2
215	48.2		41.8	81.8





#69

Pentachlorophenol

Concen: 90.89 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tot Ion:	266	Resp:	539274
Ion Ratio	Lower	Upper	
266	100		
268	65.1	49.8	74.6
264	64.4	50.2	75.2

Instrument :

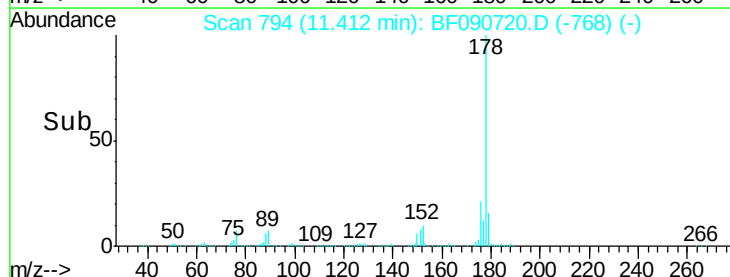
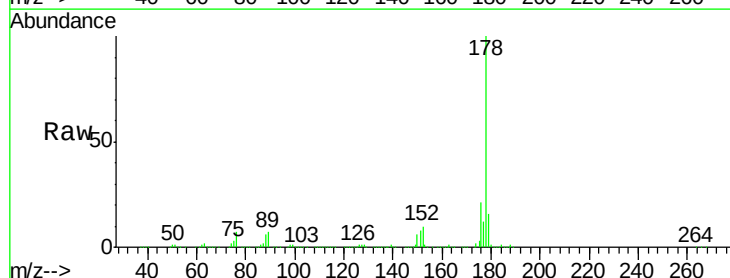
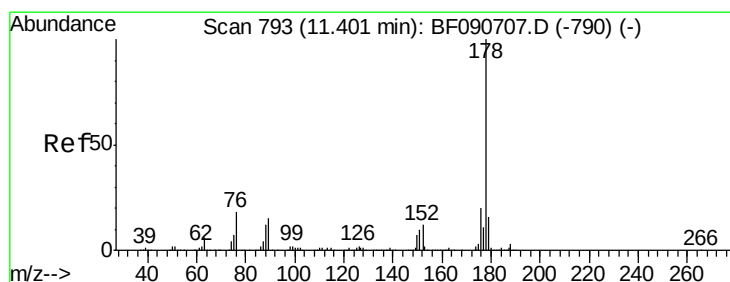
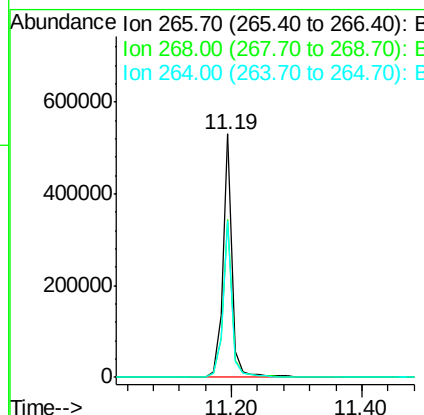
BNA_F

ClientSampleId :

PB94262BS

Manual Integrations
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#70

Phenanthrene

Concen: 48.36 ng

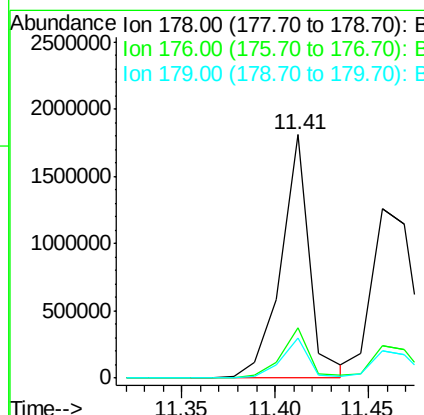
RT: 11.41 min Scan# 794

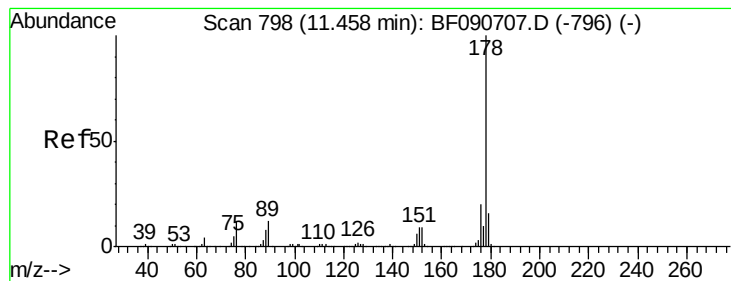
Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion:	178	Resp:	1924439
Ion Ratio	Lower	Upper	
178	100		
176	20.7	13.8	20.8
179	16.5	12.2	18.2





#71

Anthracene

Concen: 44.90 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:178 Resp: 1981503

Ion Ratio Lower Upper

178 100

176 19.4 14.1 21.1

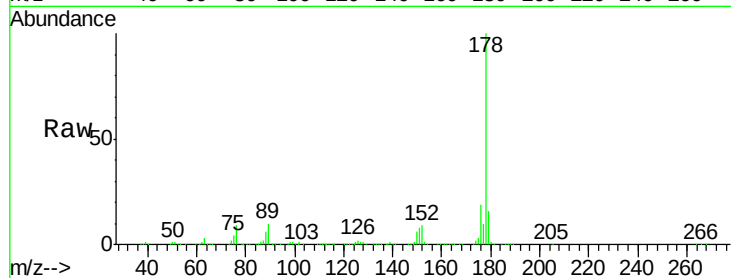
179 16.4 12.2 18.2

Manual Integrations

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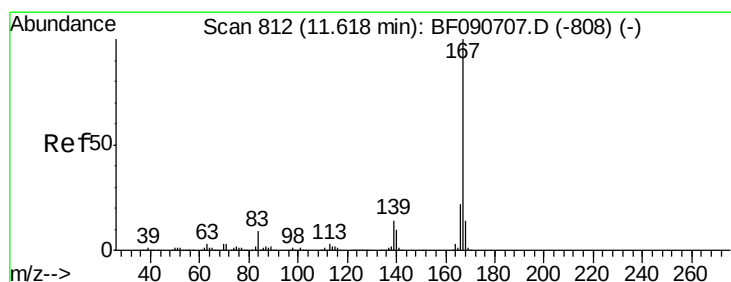
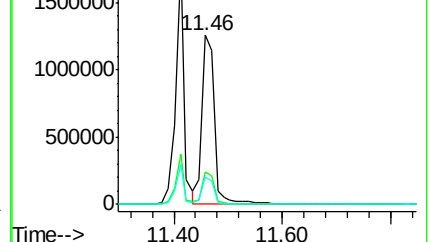
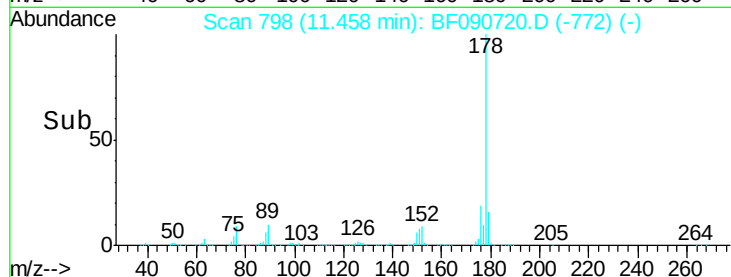
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.88 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

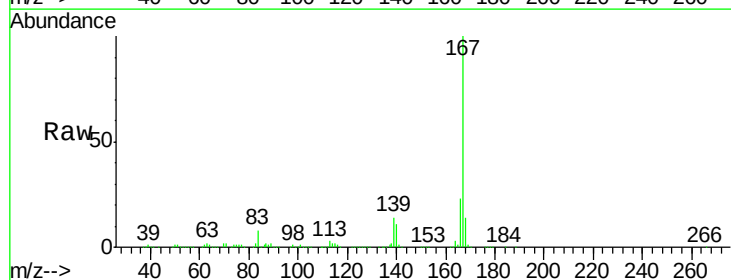
Tgt Ion:167 Resp: 1729810

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

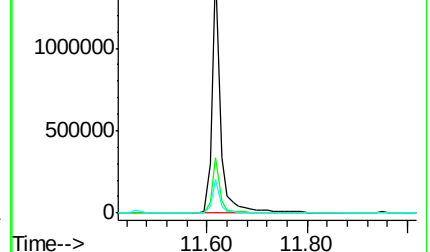
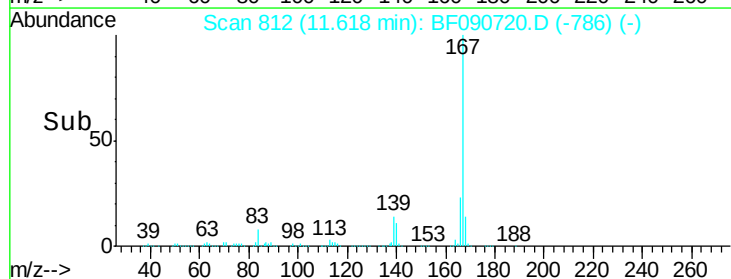
139 13.7 9.5 14.3

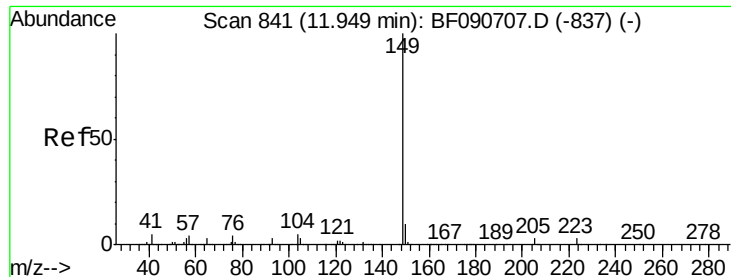


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:149 Resp: 1995846

Ion Ratio Lower Upper

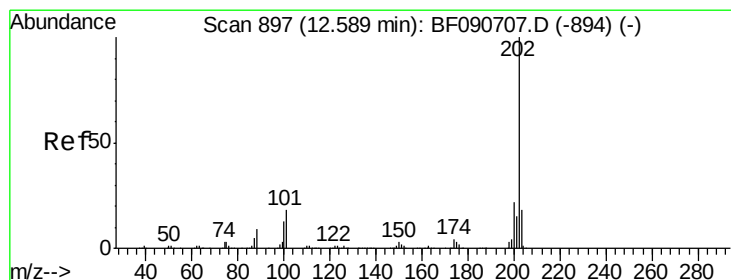
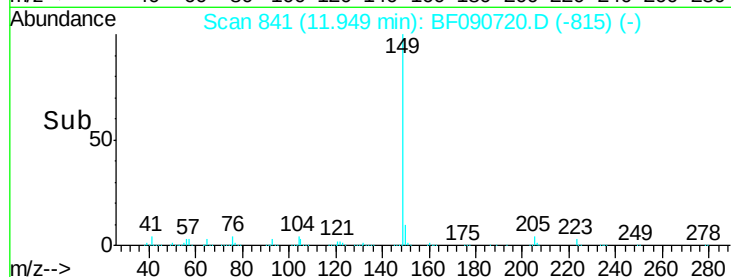
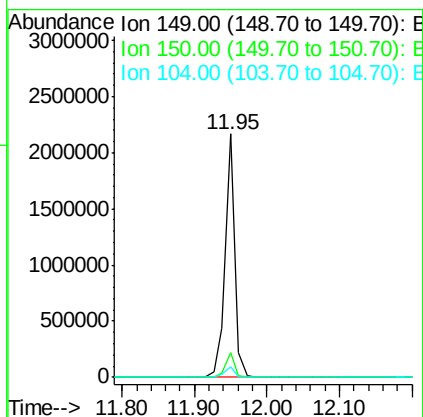
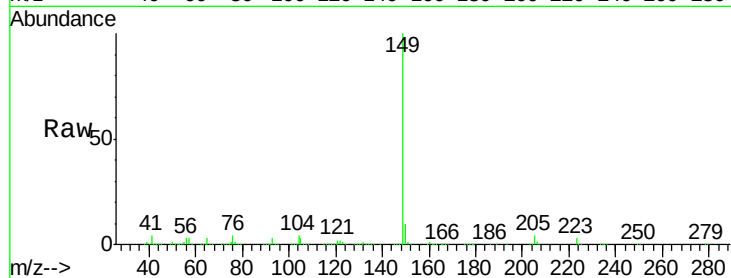
149 100

150 10.2 7.4 11.2

104 4.4 2.4 3.6#

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#74

Fluoranthene

Concen: 54.84 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

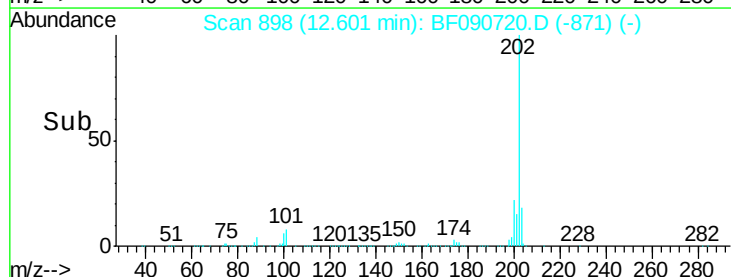
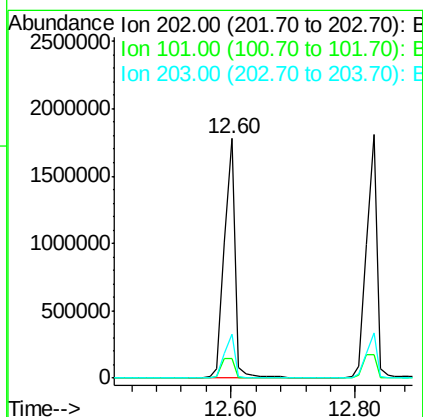
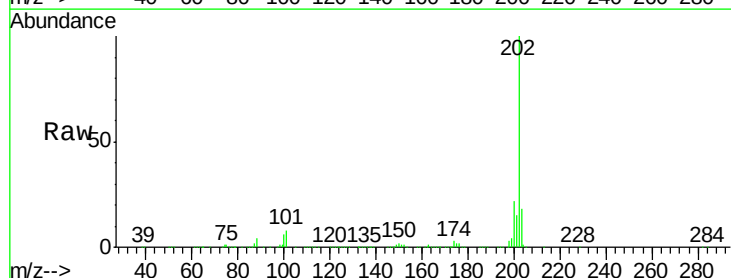
Tgt Ion:202 Resp: 2111359

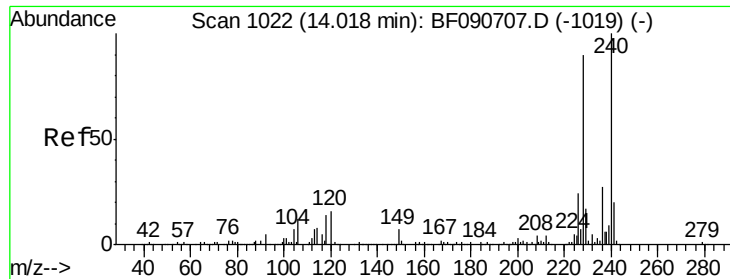
Ion Ratio Lower Upper

202 100

101 8.0 0.0 38.3

203 18.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

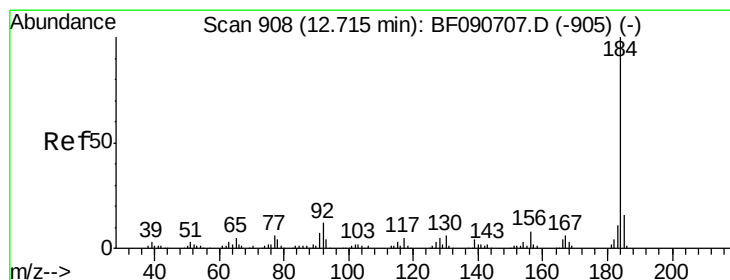
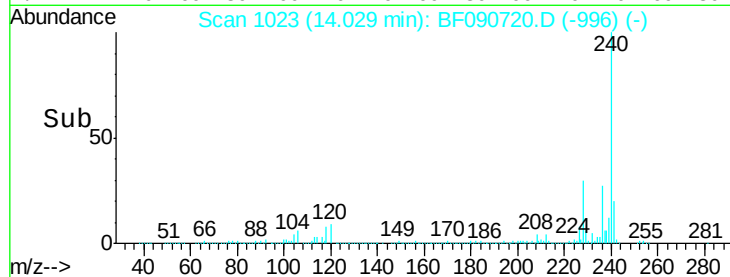
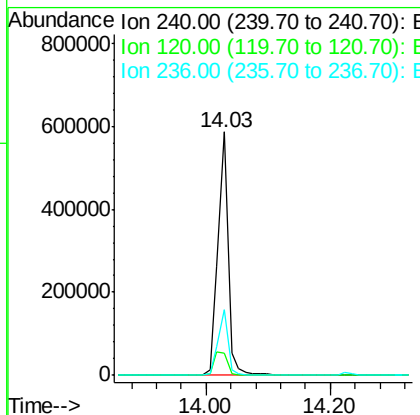
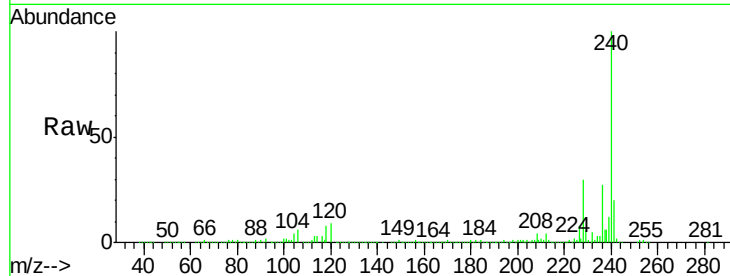
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	16.2	24.2#
236	26.9	18.4	27.6

Manual Integrations
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#76

Benzidine

Concen: 18.69 ng

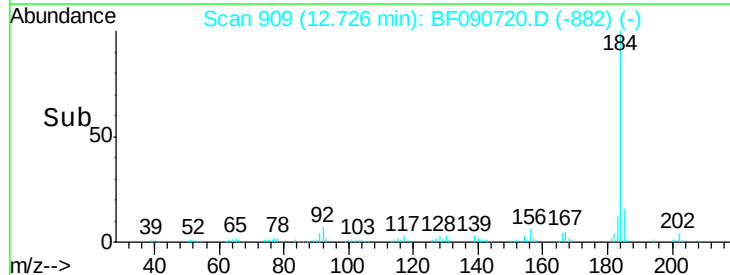
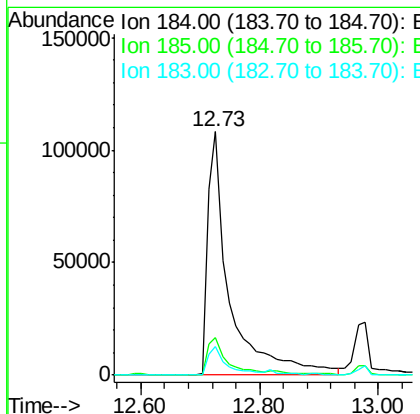
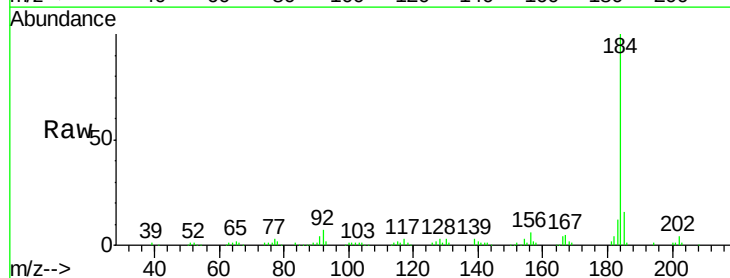
RT: 12.73 min Scan# 909

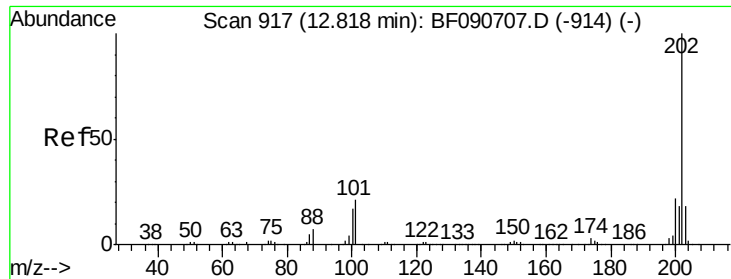
Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.6
183	11.7	7.6	11.4#





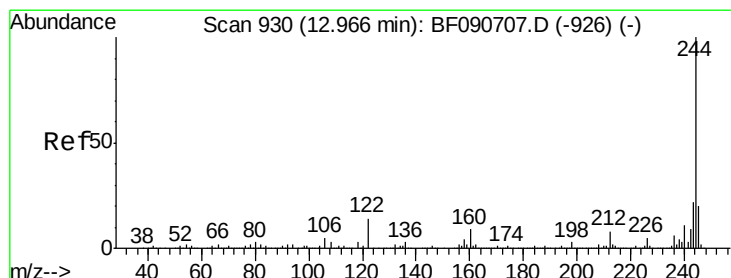
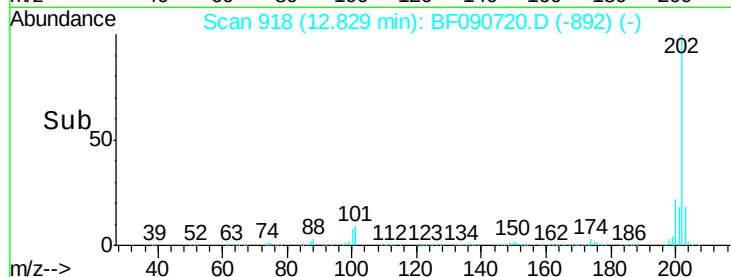
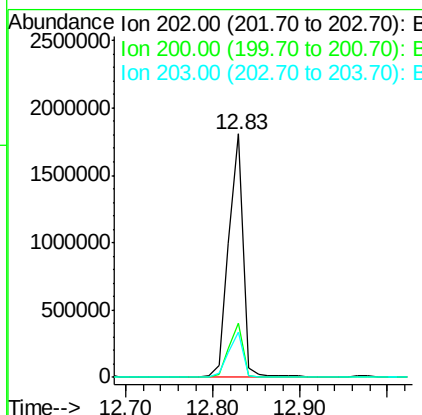
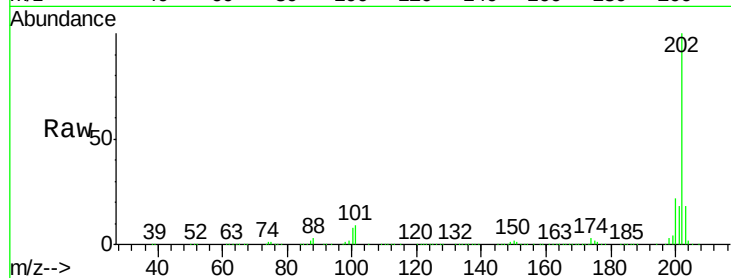
#77
Pvrene
Concen: 44.70 ng
RT: 12.83 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleID :
PB94262BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	15.0	22.4
203	18.4	14.1	21.1

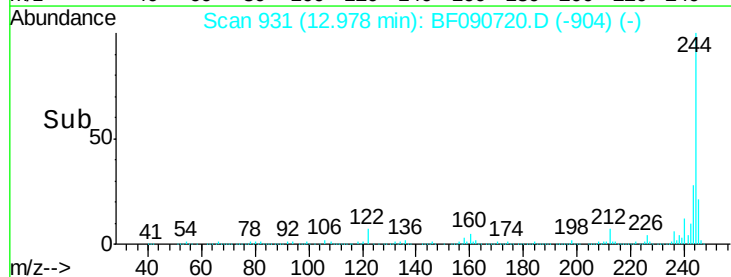
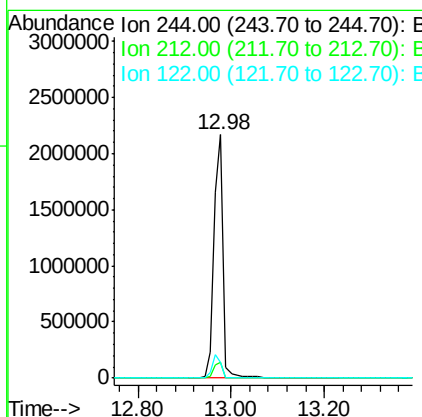
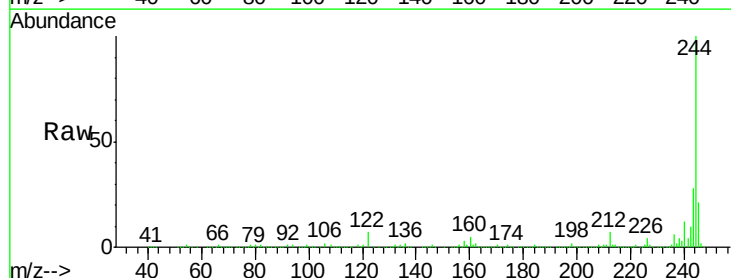
Manual Integrations
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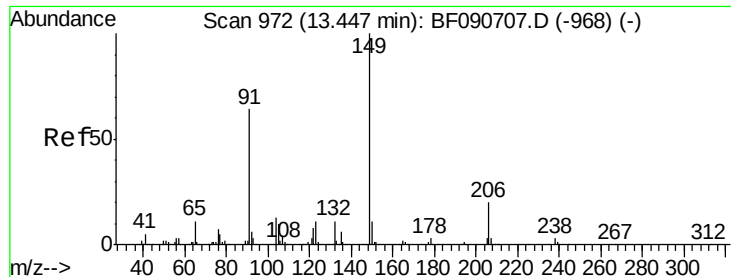
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#78
Terphenyl-d14
Concen: 103.43 ng
RT: 12.98 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.7	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 49.04 ng

RT: 13.45 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:149 Resp: 1045032

Ion Ratio Lower Upper

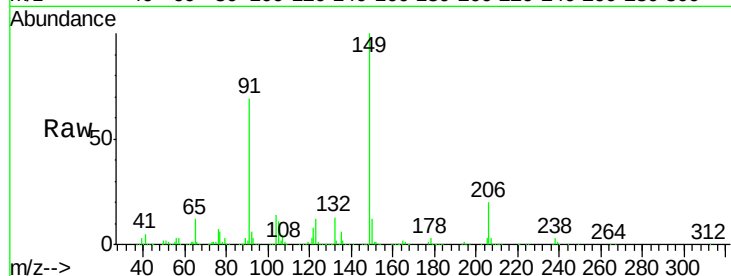
149 100

91 69.5 48.6 72.8

206 19.5 14.9 22.3

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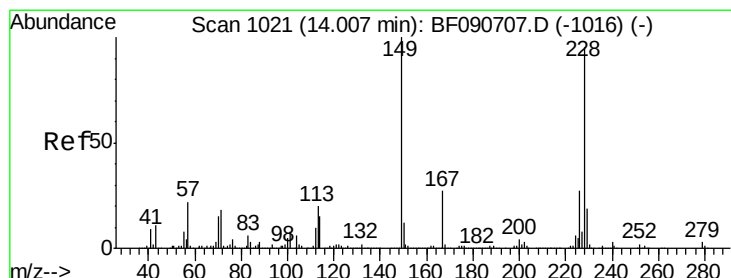
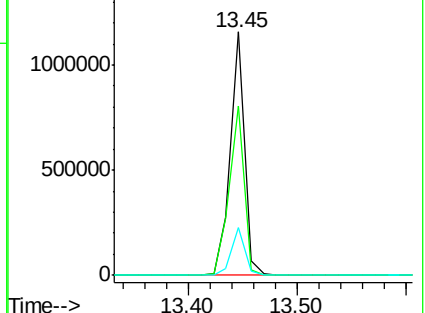
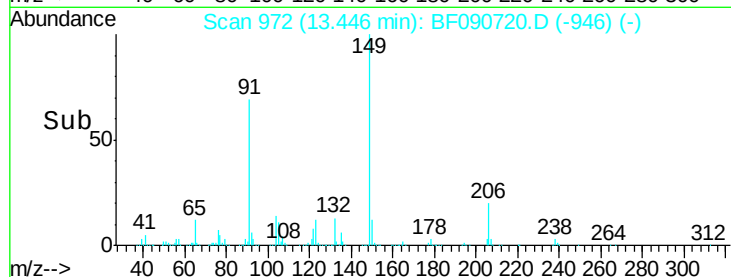
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.10 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

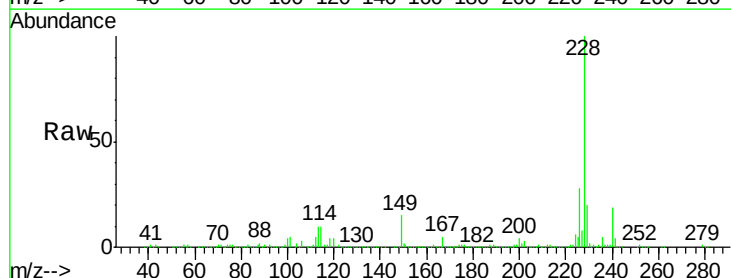
Tgt Ion:228 Resp: 1747223

Ion Ratio Lower Upper

228 100

226 28.3 20.0 30.0

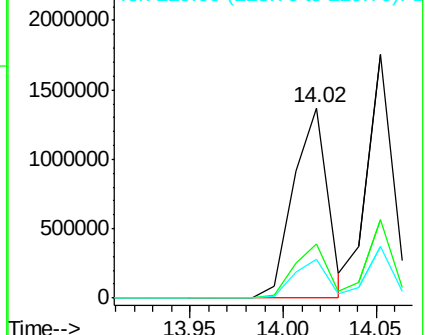
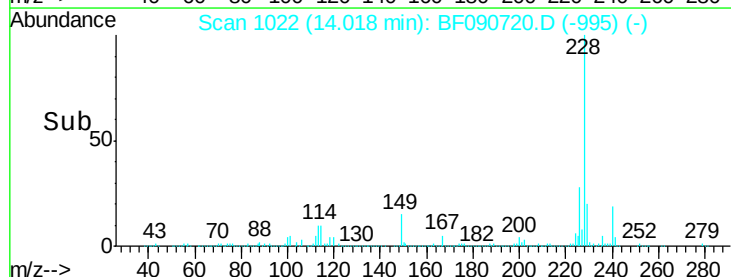
229 20.3 15.4 23.2

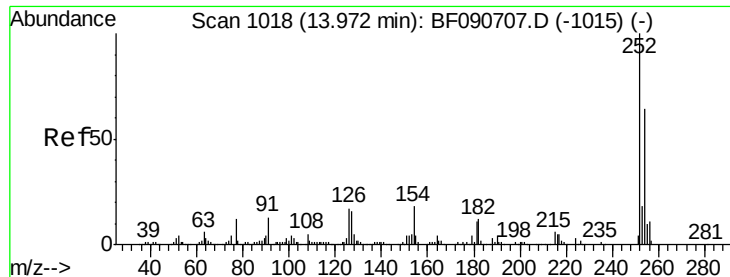


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





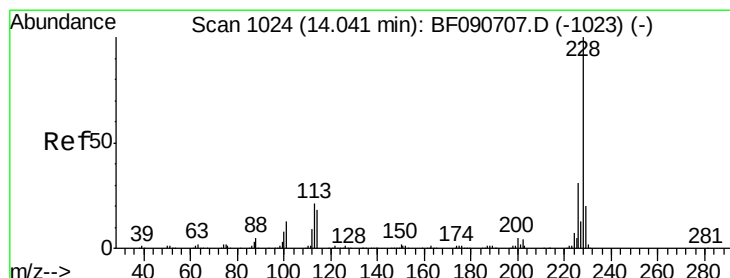
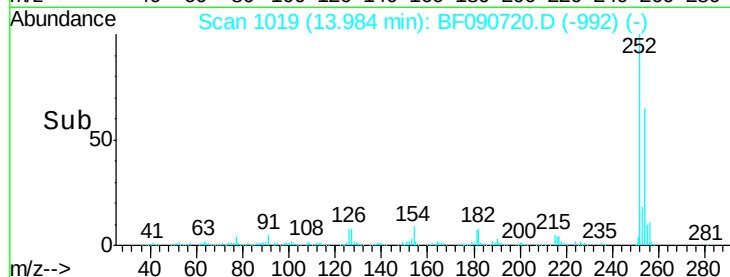
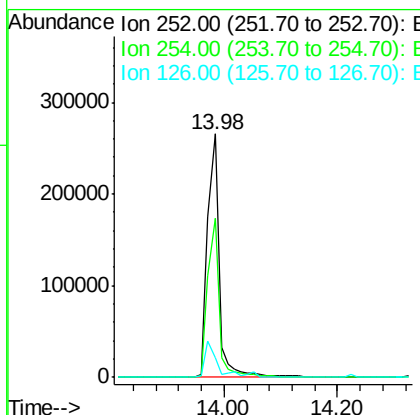
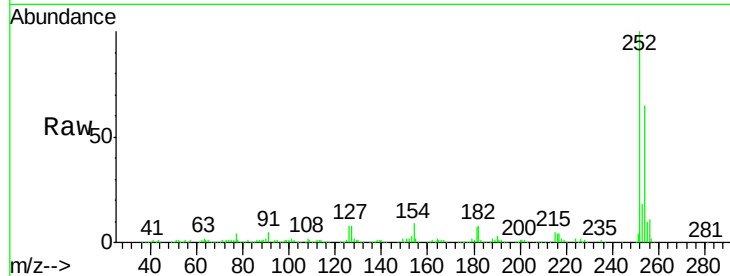
#81
 3,3'-Dichlorobenzidine
 Concen: 29.04 ng
 RT: 13.98 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	51.4	77.2
126	8.0	16.4	24.6

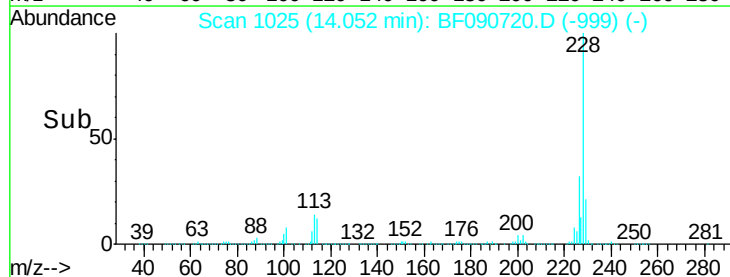
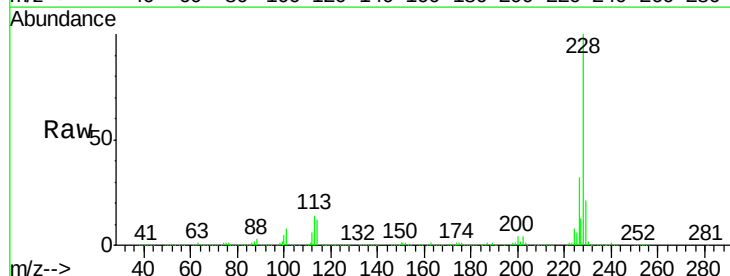
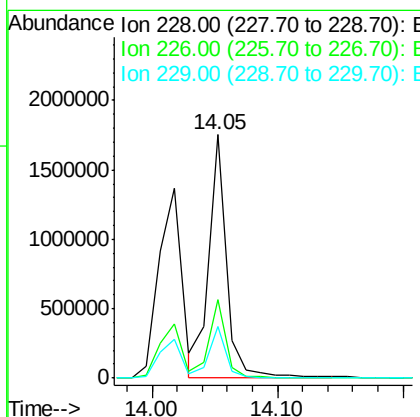
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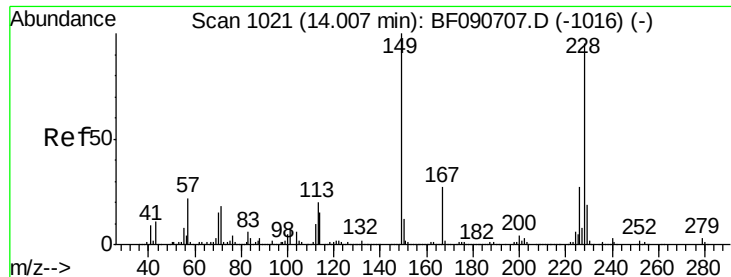
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#82
 Chrysene
 Concen: 49.75 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	21.0	31.4
229	20.9	15.6	23.4





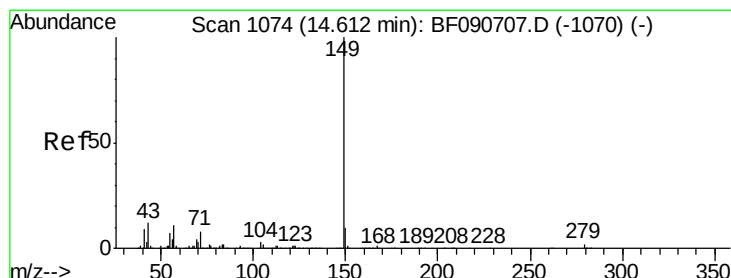
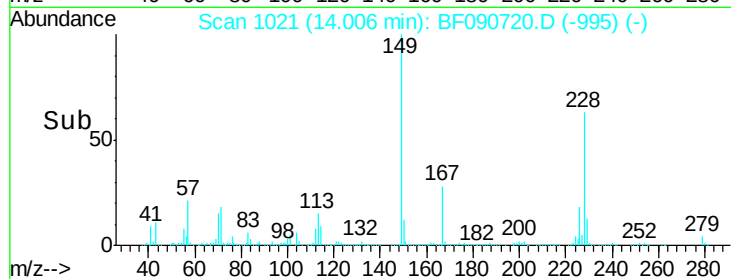
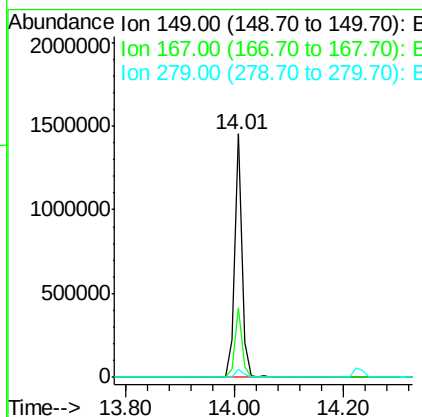
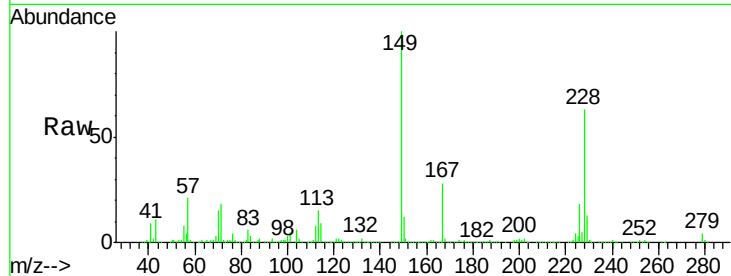
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.14 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion:149 Resp: 1315185
 Ion Ratio Lower Upper
 149 100
 167 28.4 24.2 36.2
 279 3.5 3.8 5.6#

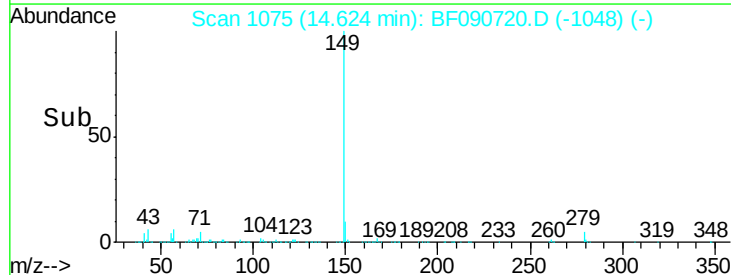
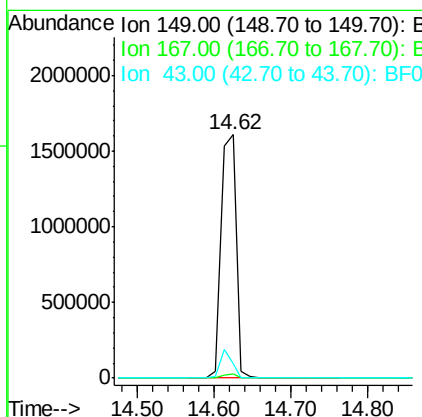
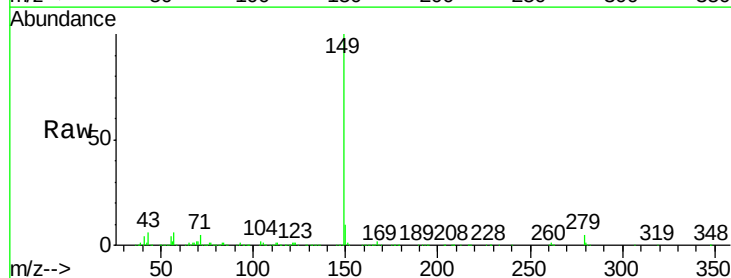
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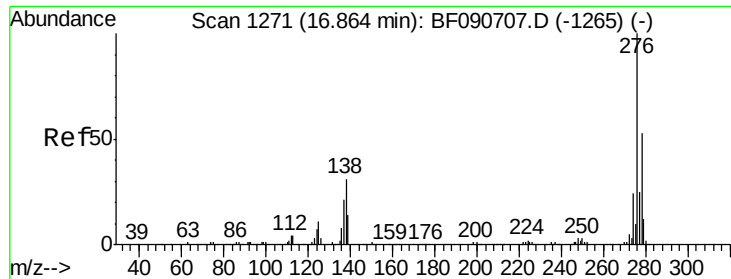
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#84
 Di-n-octyl phthalate
 Concen: 48.39 ng
 RT: 14.62 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Tgt Ion:149 Resp: 2239103
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.2 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.04 ng

RT: 16.88 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:276 Resp: 1331249

Ion Ratio Lower Upper

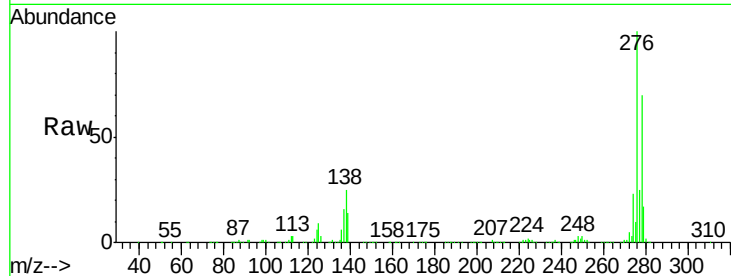
276 100

138 25.8 25.7 38.5

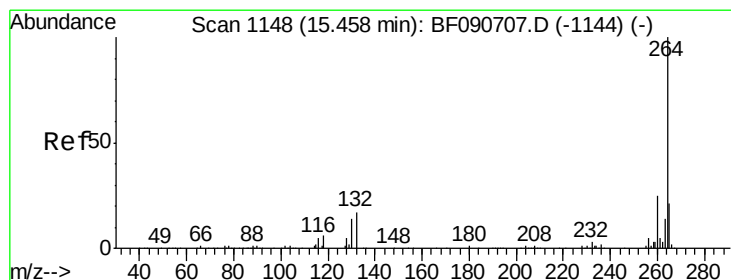
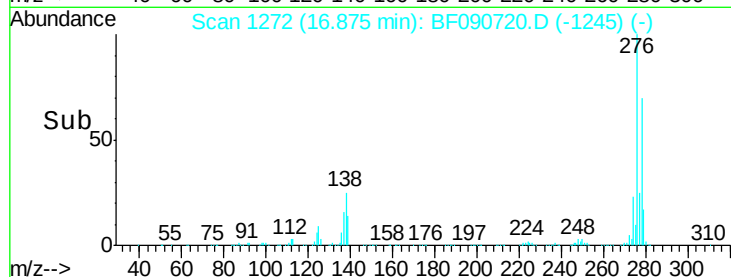
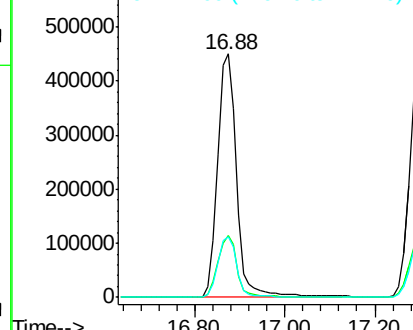
277 25.2 15.6 23.4#

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

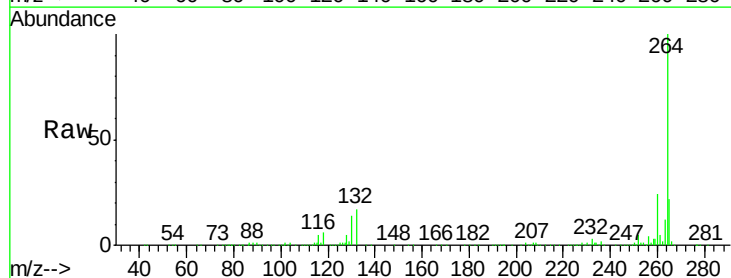
Tgt Ion:264 Resp: 474023

Ion Ratio Lower Upper

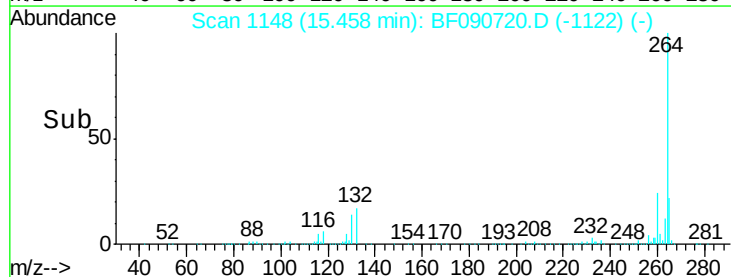
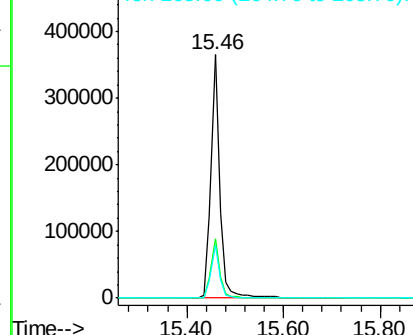
264 100

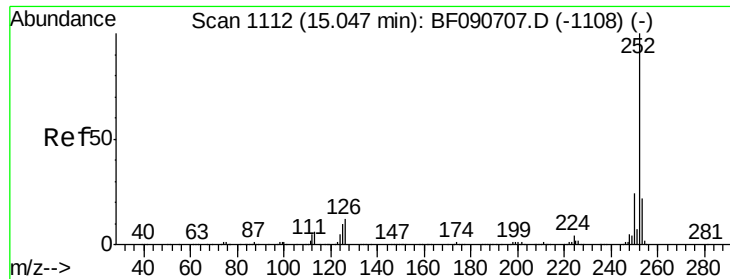
260 24.4 16.7 25.1

265 21.8 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 46.48 ng m

RT: 15.05 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Instrument :

BNA_F

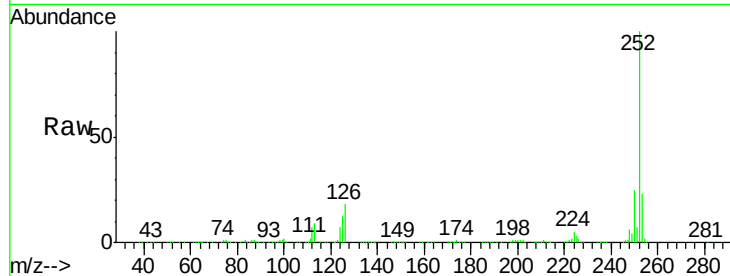
ClientSampleId :

PB94262BS

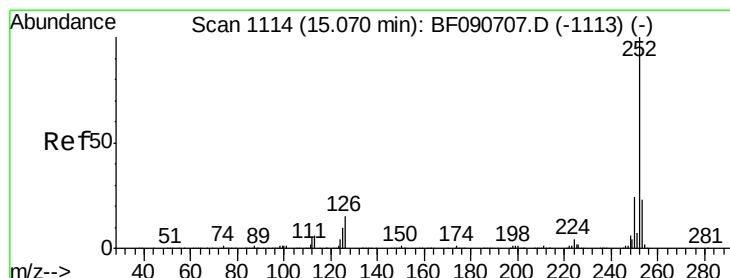
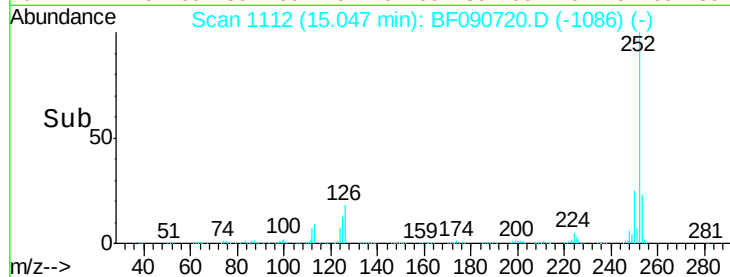
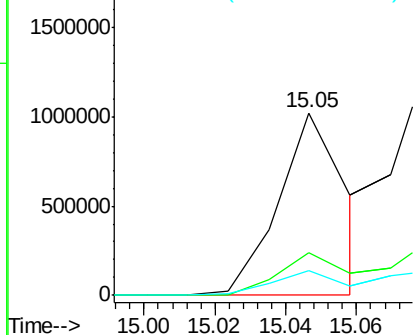
Tot	Ion:252	Resp:	1354718
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.4	17.1	25.7#

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



#88

Benzo(k)fluoranthene

Concen: 53.90 ng m

RT: 15.08 min Scan# 1115

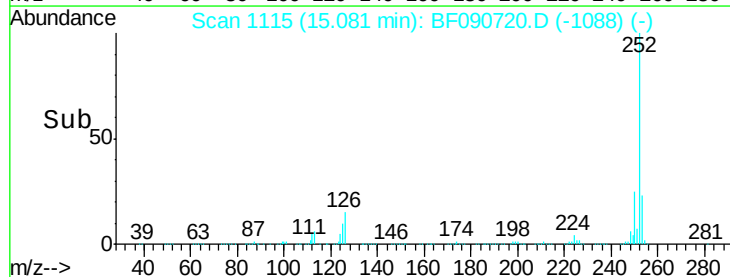
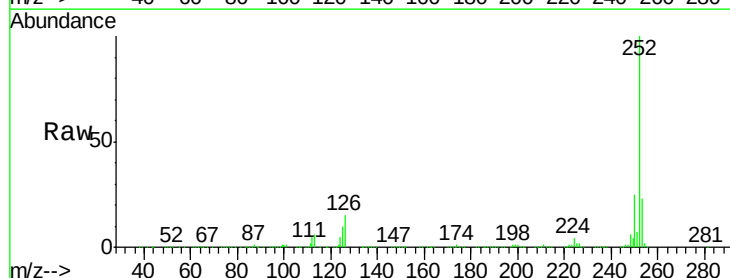
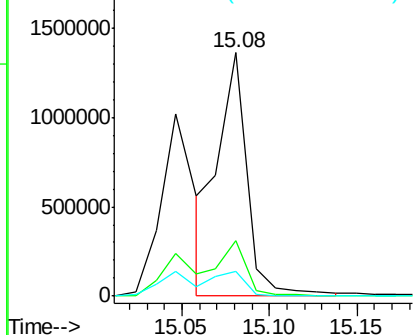
Delta R.T. 0.01 min

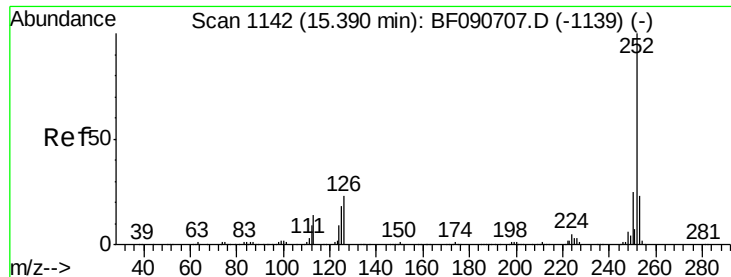
Lab File: BF090720.D

Acq: 21 Oct 2016 19:58

Tgt	Ion:252	Resp: 1578799	
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	10.1	16.0	24.0#

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





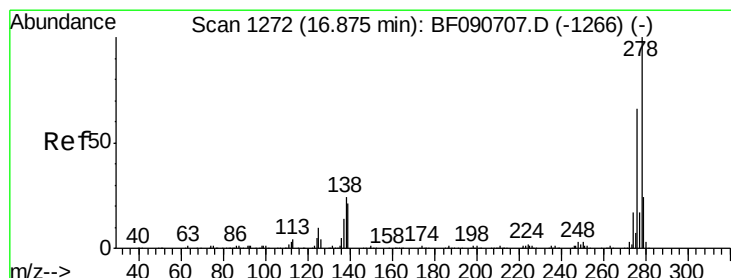
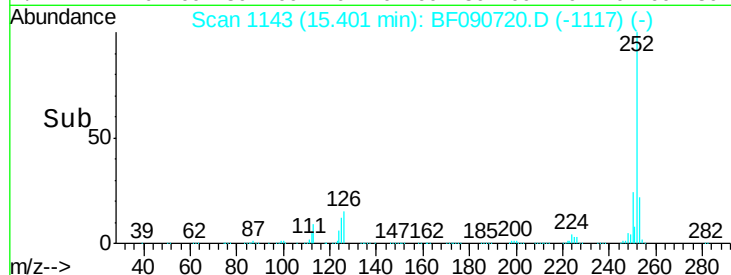
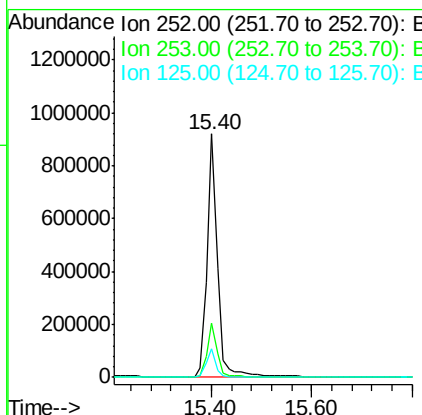
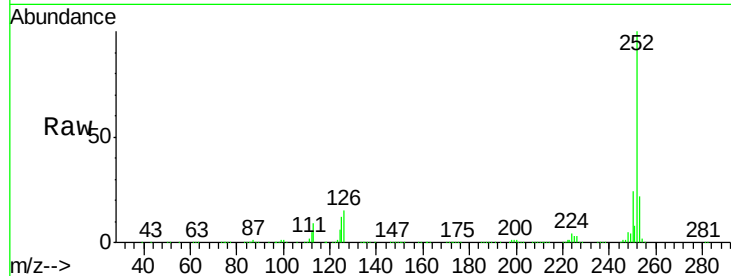
#89
Benzo(a)pyrene
Concen: 47.97 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:252 Resp: 1311909
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.6 18.0 27.0#

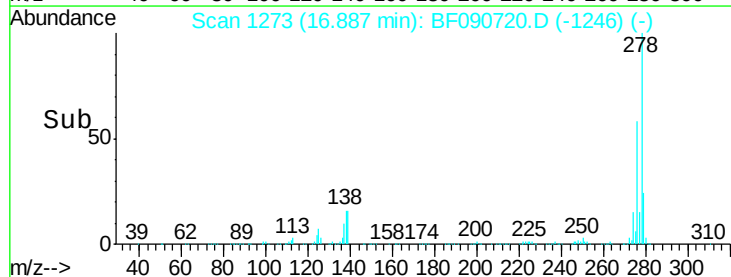
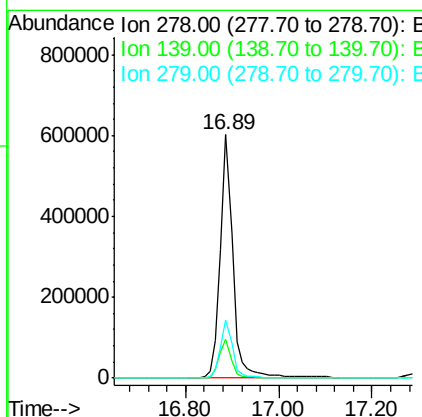
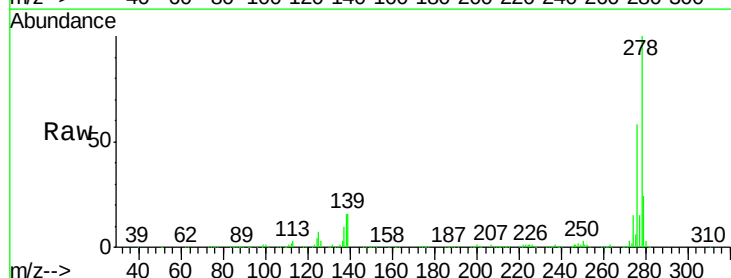
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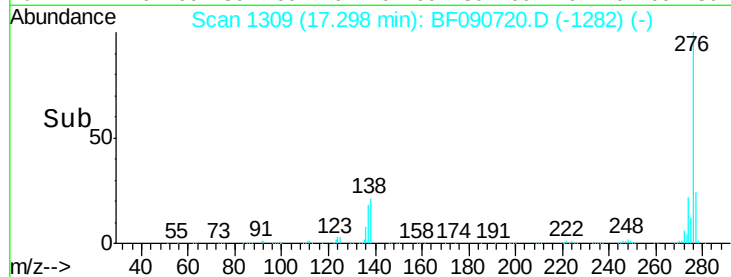
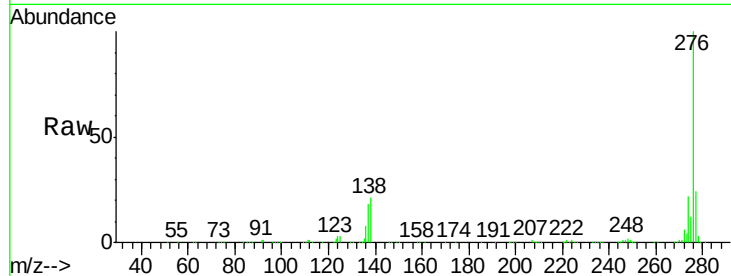
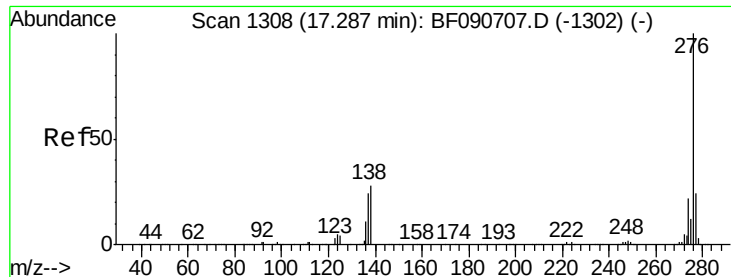
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#90
Dibenzo(a,h)anthracene
Concen: 42.98 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090720.D
Acq: 21 Oct 2016 19:58

Tgt Ion:278 Resp: 1128455
Ion Ratio Lower Upper
278 100
139 16.1 26.3 39.5#
279 23.9 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.98 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090720.D
 Acq: 21 Oct 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	21.3	34.6	51.8

Manual Integrations
 APPROVED

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