

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091369.D
 Acq On : 30 Nov 2016 22:06
 Operator : UM/SJ
 Sample : PB94960BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Manual Integrations
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 12/1/2016 3:28:20 PM

Quant Time: Dec 01 01:02:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191858	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	760012	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	413527	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	612584	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	368923	20.00	ng	-0.03
86) Perylene-d12	15.44	264	389754	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	810146	68.98	ng	0.00
7) Phenol-d6	6.49	99	957901	66.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	1098774	81.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	221854	56.67	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1921870	84.15	ng	-0.02
78) Terphenyl-d14	12.97	244	1462218	86.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	182176	34.29	ng	87
3) Pyridine	3.30	79	544899	36.24	ng	90
4) n-Nitrosodimethylamine	3.26	42	321835	40.80	ng	96
6) Aniline	6.53	93	524492	27.31	ng	# 67
8) 2-Chlorophenol	6.65	128	522993	40.62	ng	98
9) Benzaldehyde	6.40	77	148843	16.01	ng	94
10) Phenol	6.50	94	612730	36.02	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	477782	39.31	ng	94
12) 1,3-Dichlorobenzene	6.80	146	513316m	35.84	ng	
13) 1,4-Dichlorobenzene	6.88	146	554901	38.95	ng	97
14) 1,2-Dichlorobenzene	7.04	146	497284m	37.47	ng	
15) Benzyl Alcohol	7.01	79	446777	38.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	981281	37.55	ng	71
17) 2-Methylphenol	7.12	107	409522	40.23	ng	# 76
18) Hexachloroethane	7.38	117	203035	40.13	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	348528	38.27	ng	# 95
20) 3+4-Methylphenols	7.27	107	482032	38.79	ng	# 66
22) Acetophenone	7.27	105	703227	39.04	ng	# 75
24) Nitrobenzene	7.44	77	536928	38.67	ng	94
25) Isophorone	7.69	82	997235	41.51	ng	97
26) 2-Nitrophenol	7.76	139	242051	38.25	ng	100
27) 2,4-Dimethylphenol	7.81	122	504072	42.58	ng	93
28) bis(2-Chloroethoxy)methane	7.90	93	578497	40.00	ng	100
29) 2,4-Dichlorophenol	8.00	162	409502	39.33	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	475524	40.73	ng	97
31) Naphthalene	8.17	128	1437911	39.81	ng	100
32) Benzoic acid	7.92	122	287978	33.00	ng	92
33) 4-Chloroaniline	8.22	127	237613	15.39	ng	99
34) Hexachlorobutadiene	8.30	225	283808	39.54	ng	99
35) Caprolactam	8.60	113	131853	44.06	ng	# 68
36) 4-Chloro-3-methylphenol	8.70	107	418513	37.23	ng	99
37) 2-Methylnaphthalene	8.86	142	934154	38.07	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	433577	37.19	ng	99
40) Hexachlorocyclopentadiene	9.02	237	300841	55.67	ng	100

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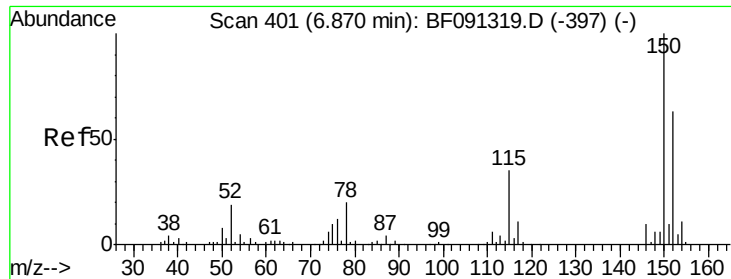
Manual Integrations
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 12/1/2016 3:28:20 PM

Quant Time: Dec 01 01:02:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	310902	41.04	nq	96
43) 2,4,5-Trichlorophenol	9.18	196	283131m	37.29	nq	
45) 1,1'-Biphenyl	9.33	154	1067471	35.90	nq	98
46) 2-Chloronaphthalene	9.35	162	810251	36.59	nq	98
47) 2-Nitroaniline	9.44	65	273481	34.38	nq	# 76
48) Acenaphthylene	9.77	152	1286970	36.92	nq	99
49) Dimethylphthalate	9.64	163	1060147	42.34	nq	98
50) 2,6-Dinitrotoluene	9.69	165	237101	42.37	nq	# 61
51) Acenaphthene	9.94	154	897870	38.19	nq	95
52) 3-Nitroaniline	9.85	138	152707	23.57	nq	97
53) 2,4-Dinitrophenol	9.96	184	115419	47.16	nq	# 81
54) Dibenzofuran	10.12	168	1217574	38.68	nq	# 89
55) 4-Nitrophenol	10.01	139	291830	62.37	nq	99
56) 2,4-Dinitrotoluene	10.09	165	326745	45.01	nq	98
57) Fluorene	10.45	166	857733	35.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	251585	38.80	nq	94
59) Diethylphthalate	10.33	149	1017271	41.16	nq	# 94
60) 4-Chlorophenyl-phenylether	10.45	204	452923	37.36	nq	93
61) 4-Nitroaniline	10.47	138	201627	33.15	nq	92
62) Azobenzene	10.61	77	1077331	42.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	94387	27.97	nq	# 69
65) n-Nitrosodiphenylamine	10.56	169	758843	40.86	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	292290	44.39	nq	# 77
67) Hexachlorobenzene	11.00	284	268752	37.77	nq	# 78
68) Atrazine	11.09	200	240119	39.92	nq	99
69) Pentachlorophenol	11.19	266	290087	69.26	nq	97
70) Phenanthrene	11.41	178	1156217	36.32	nq	100
71) Anthracene	11.47	178	1303607	41.27	nq	100
72) Carbazole	11.61	167	1042225	36.36	nq	99
73) Di-n-butylphthalate	11.96	149	1455588	44.80	nq	99
74) Fluoranthene	12.60	202	1158293	38.42	nq	98
76) Benzidine	12.71	184	434805	40.15	nq	98
77) Pyrene	12.83	202	1115215	39.83	nq	99
79) Butylbenzylphthalate	13.44	149	448437	42.77	nq	88
80) Benzo(a)anthracene	14.00	228	882767	40.92	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	286593	37.71	nq	# 98
82) Chrysene	14.05	228	869372	40.72	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	604780	45.51	nq	# 91
84) Di-n-octyl phthalate	14.62	149	1056232	52.53	nq	96
85) Indeno(1,2,3-cd)pyrene	16.85	276	802377	41.04	nq	96
87) Benzo(b)fluoranthene	15.04	252	1035115	42.73	nq	# 95
88) Benzo(k)fluoranthene	15.07	252	738005m	36.23	nq	
89) Benzo(a)pyrene	15.39	252	839576	38.59	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	675005	33.55	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	629644	30.35	nq	99

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



#1

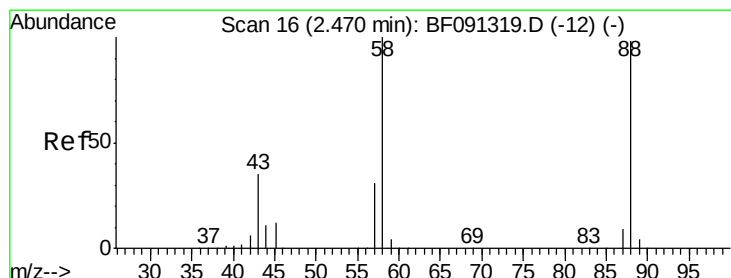
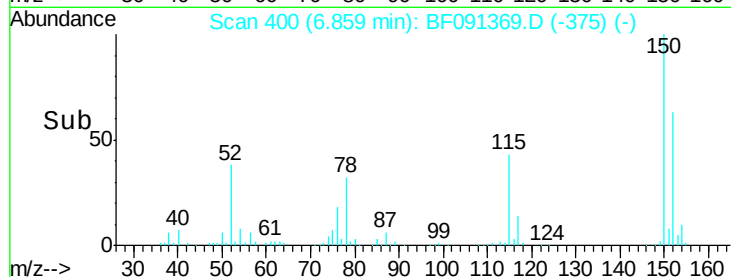
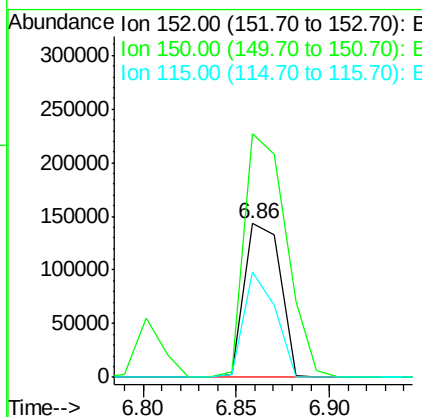
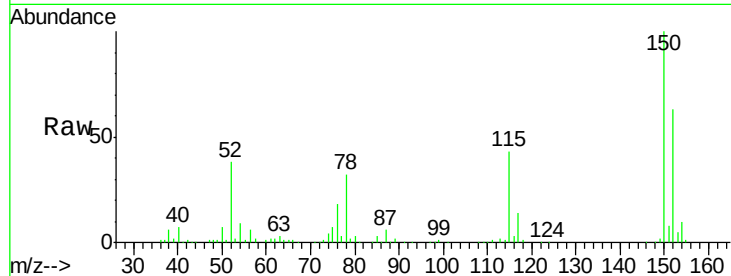
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.5	183.7
115	68.9	51.8	77.8

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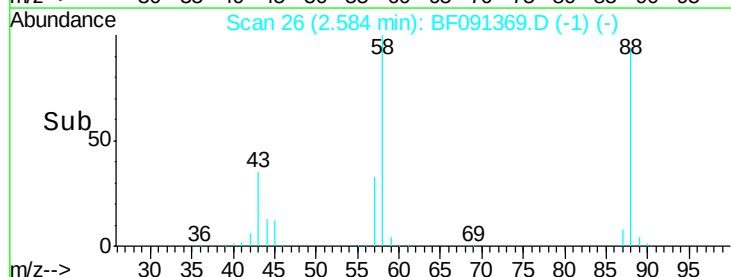
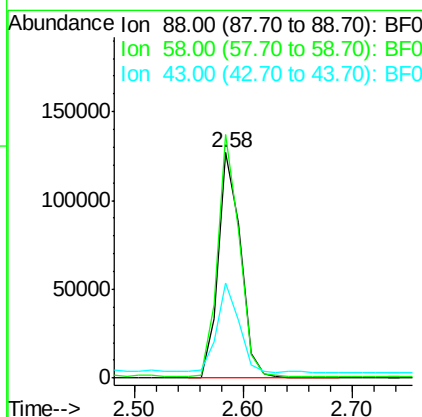
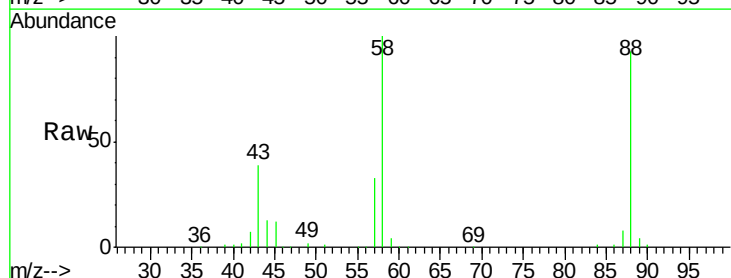
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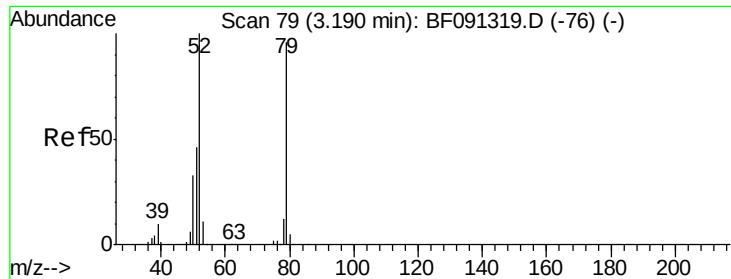


#2

1,4-Dioxane
Concen: 34.29 ng
RT: 2.58 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.1	70.3	105.5
43	41.2	31.3	46.9





#3

Pvridine

Concen: 36.24 ng

RT: 3.30 min Scan# 89

Delta R.T. 0.09 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

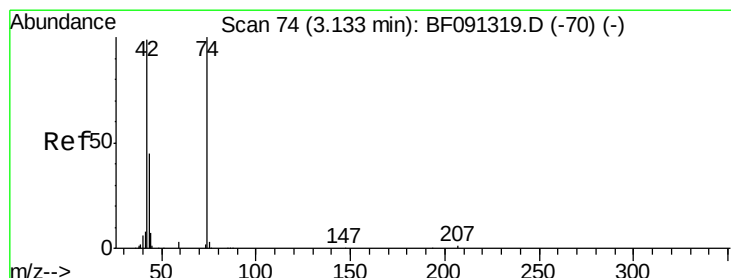
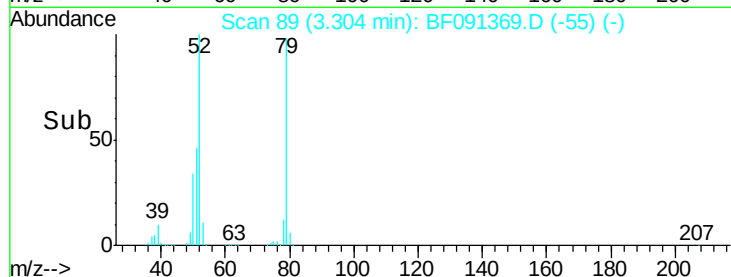
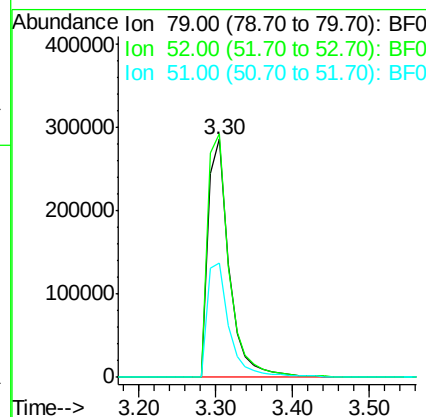
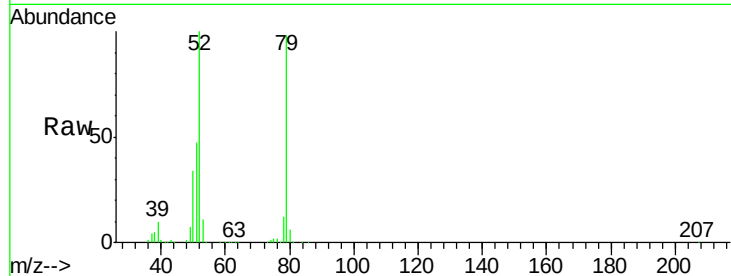
ClientSampleId :

PB94960BSD

Tot Ion:	79	Resp:	544899
Ion	Ratio	Lower	Upper
79	100		
52	102.3	71.0	106.4
51	47.8	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 40.80 ng

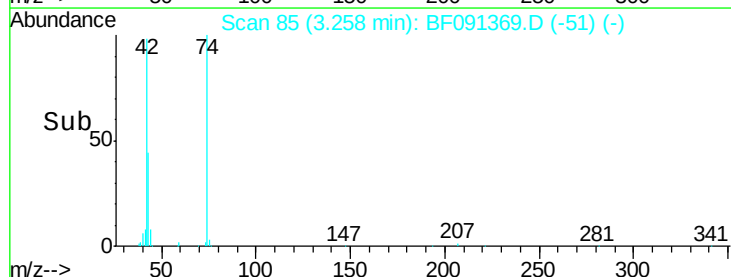
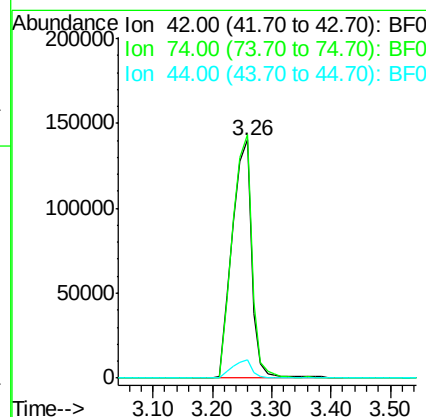
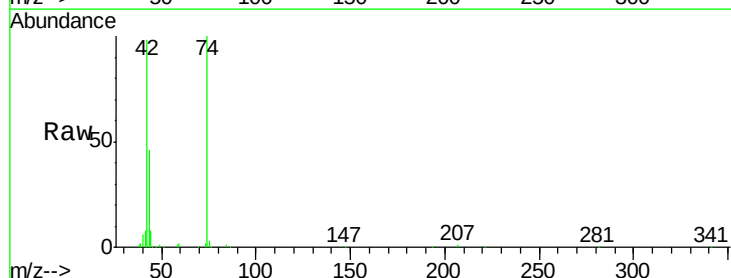
RT: 3.26 min Scan# 85

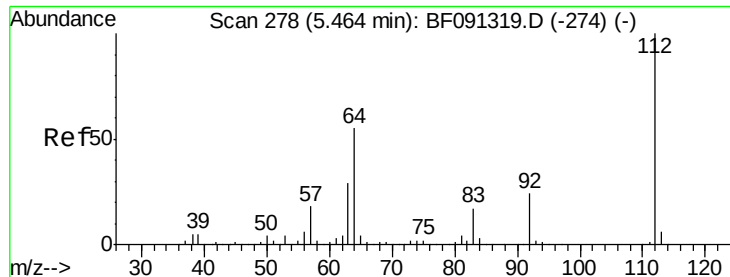
Delta R.T. 0.09 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	42	Resp:	321835
Ion	Ratio	Lower	Upper
42	100		
74	102.3	78.9	118.3
44	7.8	5.8	8.6





#5

2-Fluorophenol

Concen: 68.98 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

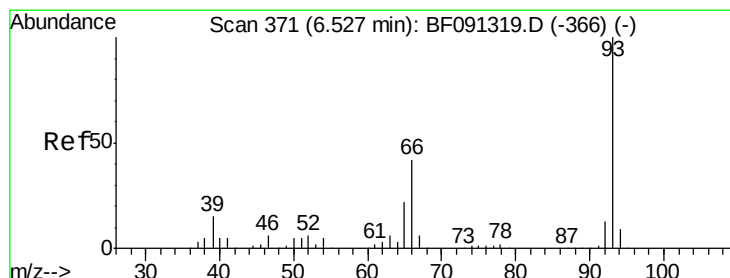
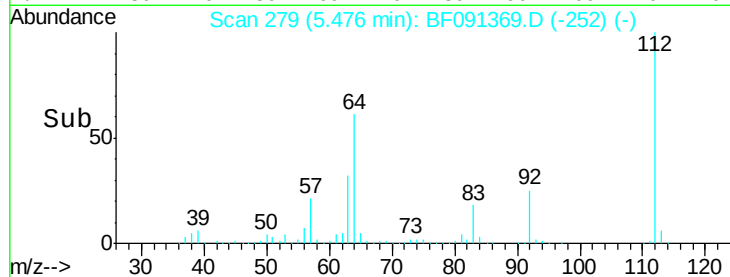
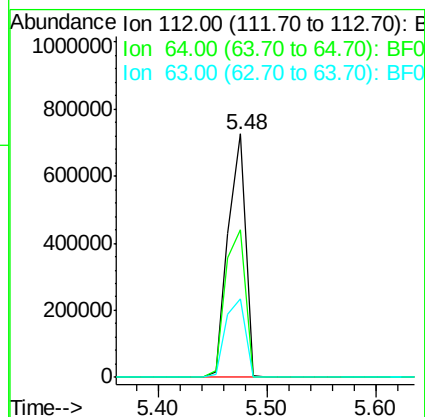
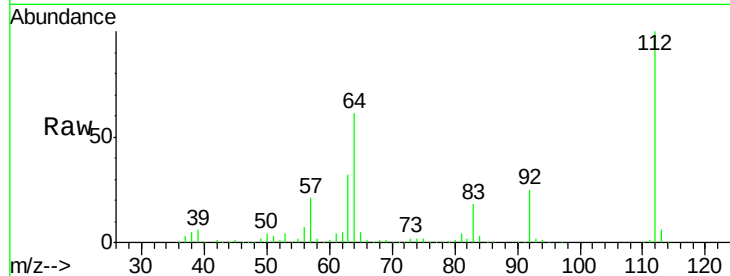
ClientSampleId :

PB94960BSD

Tot Ion:	112	Resp:	810146
Ion Ratio		Lower	Upper
112	100		
64	60.8	61.5	92.3#
63	32.4	33.3	49.9#

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#6

Aniline

Concen: 27.31 ng

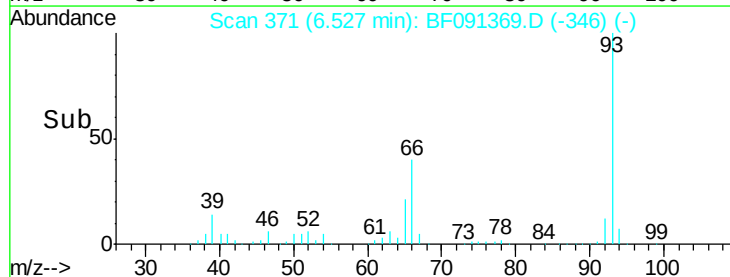
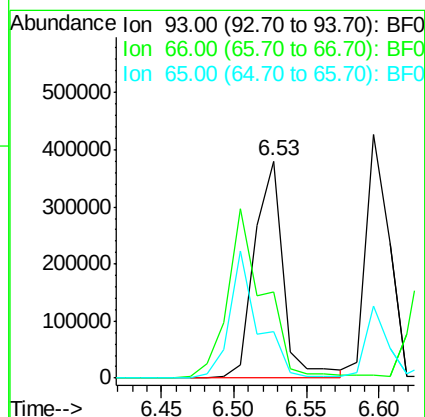
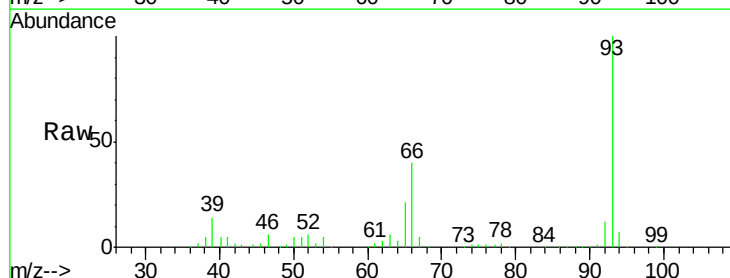
RT: 6.53 min Scan# 371

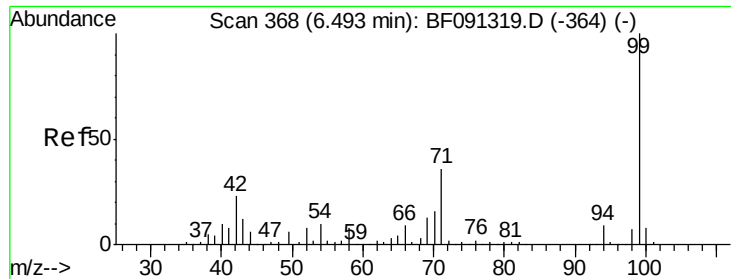
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	93	Resp:	524492
Ion Ratio		Lower	Upper
93	100		
66	40.0	55.8	83.6#
65	21.3	29.9	44.9#





#7

Phenol-d6

Concen: 66.26 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

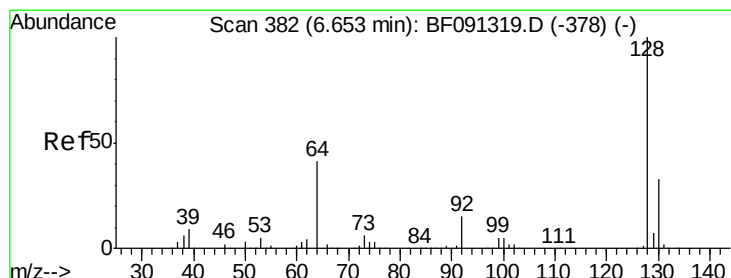
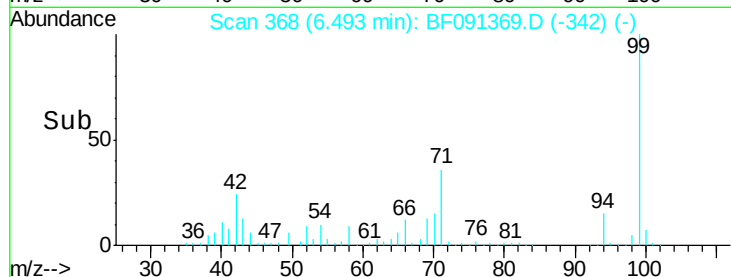
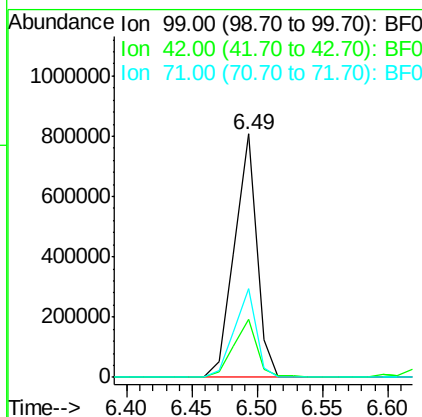
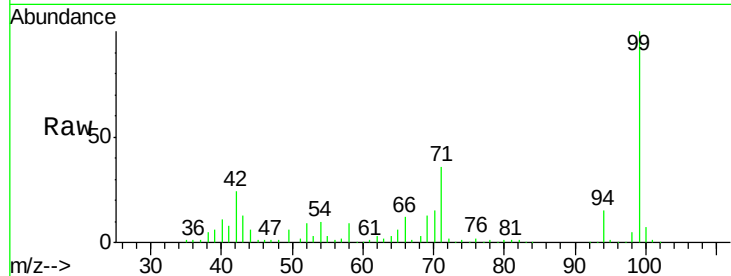
ClientSampleId :

PB94960BSD

Tot Ion:	99	Resp:	957901
Ion Ratio	Lower	Upper	
99	100		
42	24.0	20.6	31.0
71	36.4	29.9	44.9

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#8

2-Chlorophenol

Concen: 40.62 ng

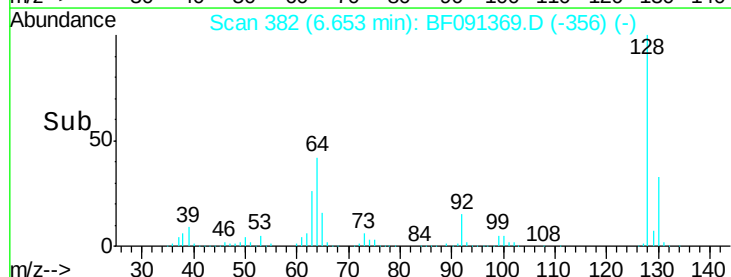
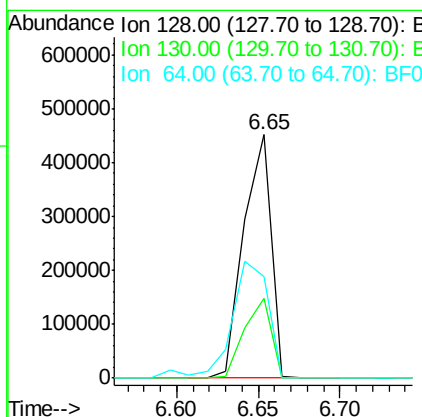
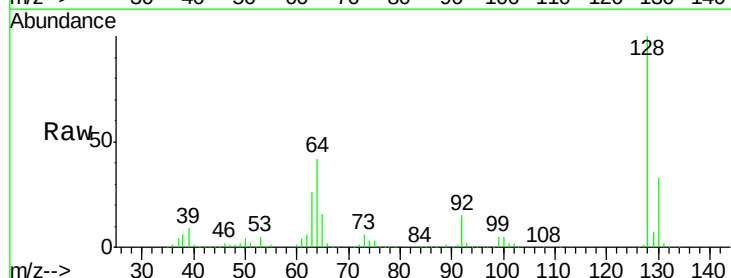
RT: 6.65 min Scan# 382

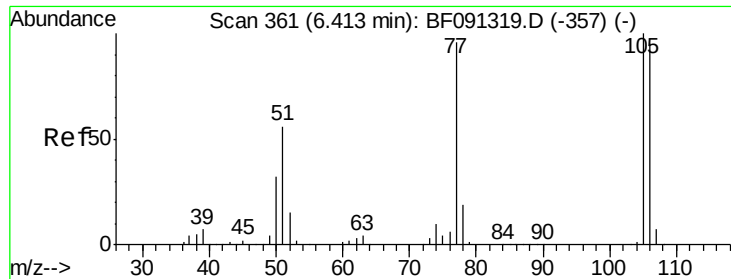
Delta R.T. -0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	128	Resp:	522993
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.1	53.1
64	41.6	24.1	64.1





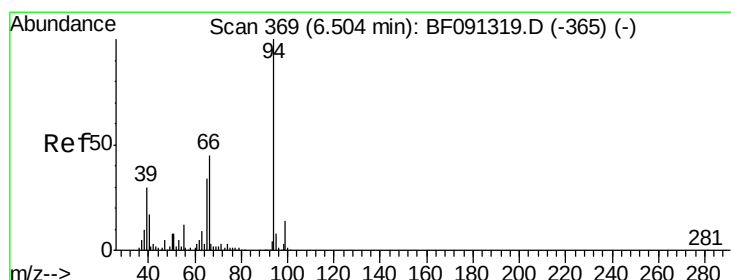
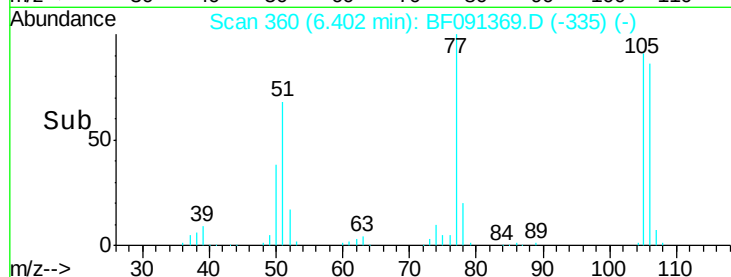
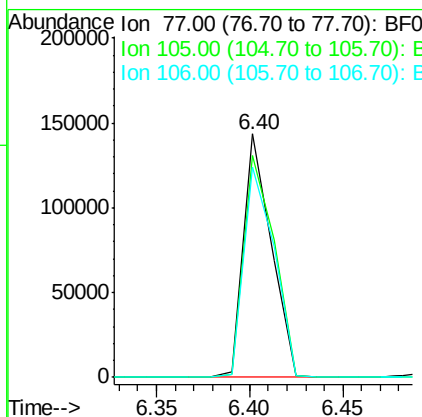
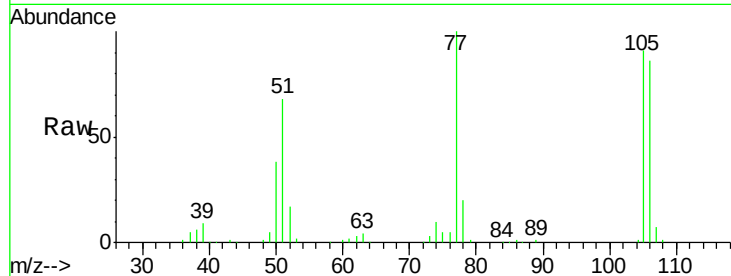
#9
Benzaldehyde
Concen: 16.01 ng
RT: 6.40 min Scan# 360
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.1	66.4	106.4
106	86.3	60.9	100.9

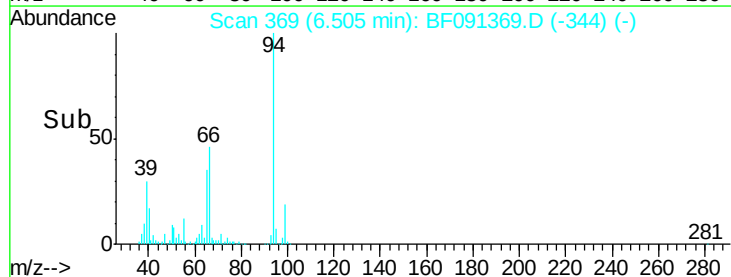
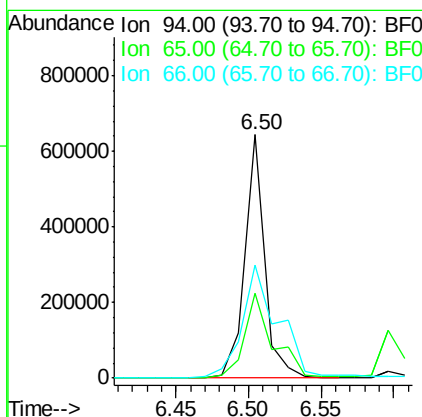
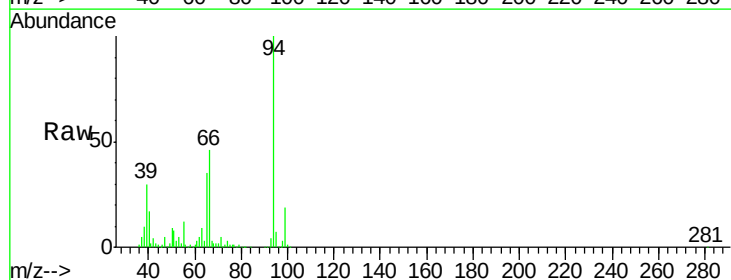
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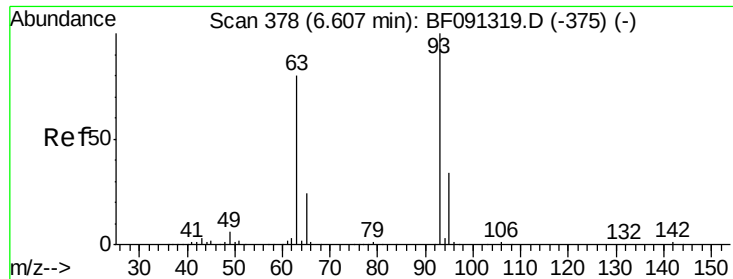
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#10
Phenol
Concen: 36.02 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.9	56.9
66	46.3	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 39.31 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

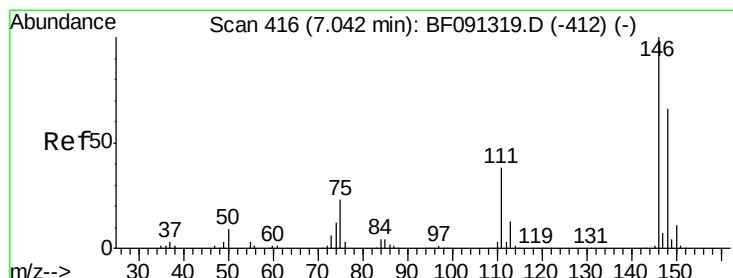
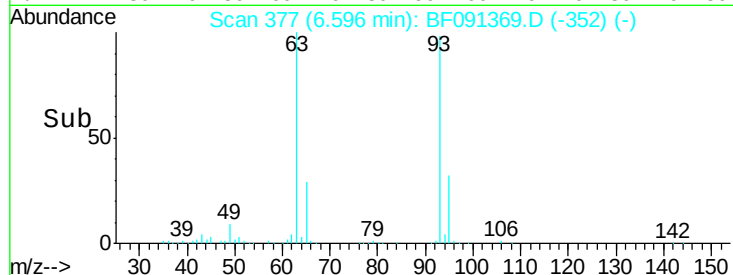
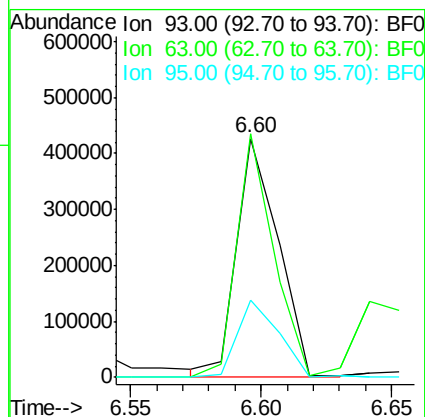
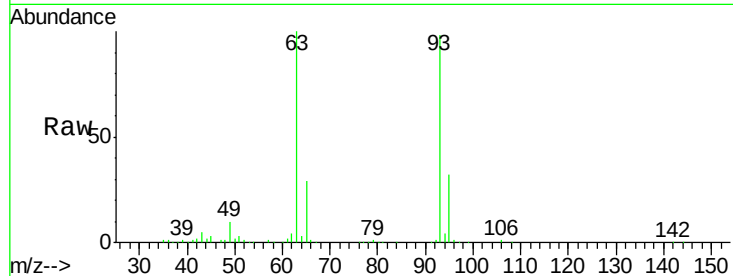
ClientSampled :

PB94960BSD

Tot Ion:	93	Resp:	477782
Ion Ratio	Lower	Upper	
93	100		
63	101.9	74.8	114.8
95	32.2	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 35.84 ng m

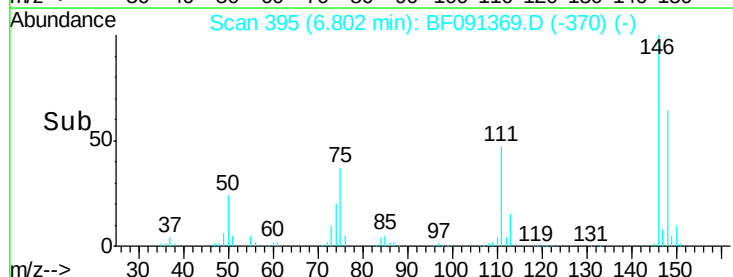
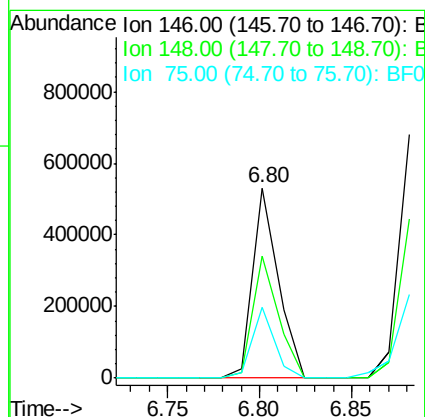
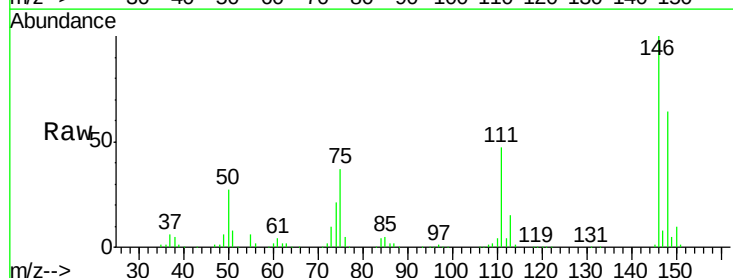
RT: 6.80 min Scan# 395

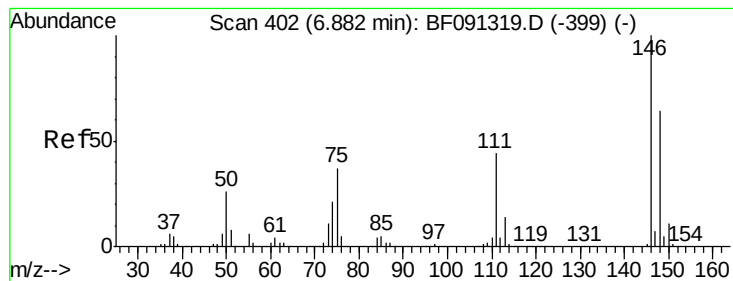
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	146	Resp:	513316
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
75	37.2	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 38.95 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

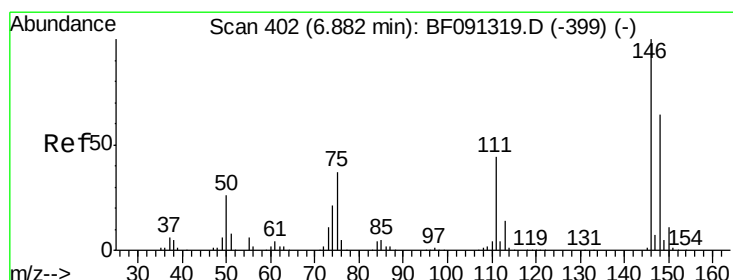
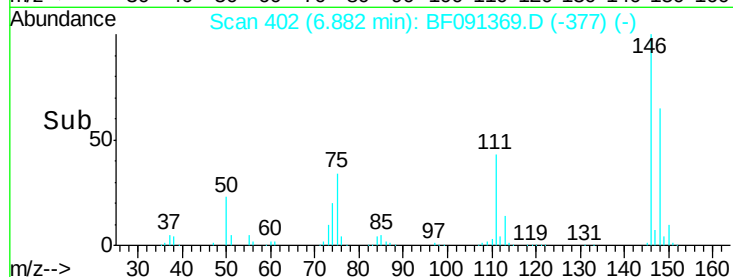
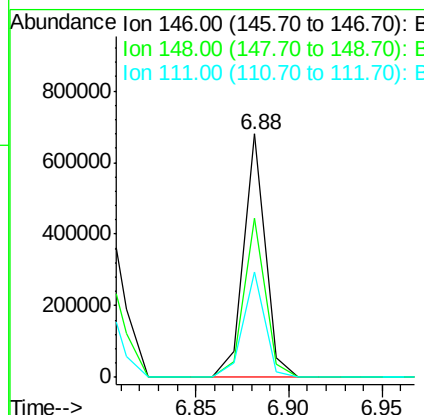
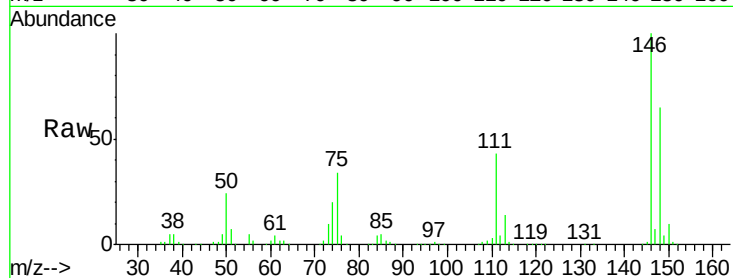
ClientSampleId :

PB94960BSD

Tot Ion:	146	Resp:	554901
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.0
111	43.2	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 37.47 ng m

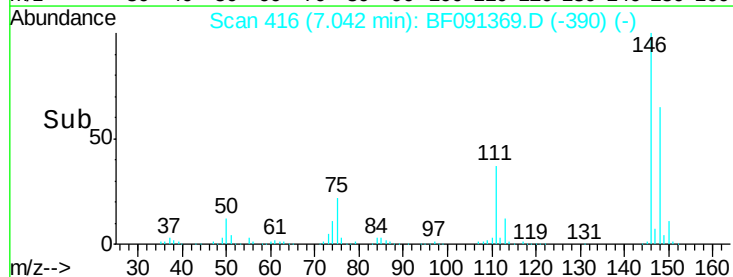
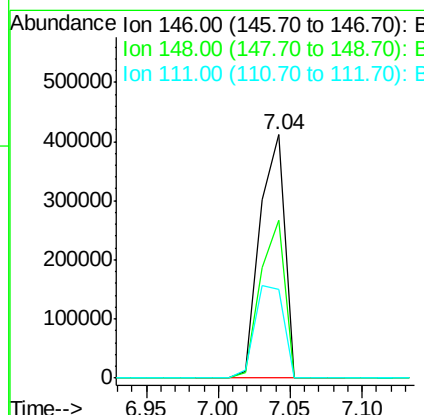
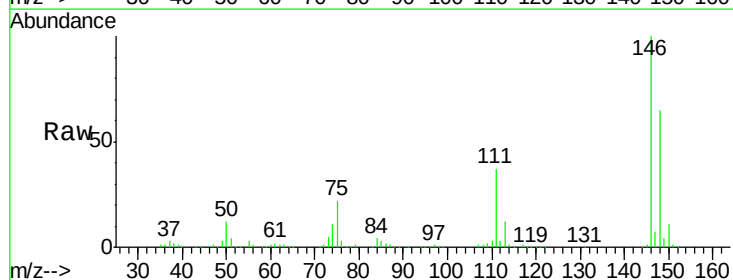
RT: 7.04 min Scan# 416

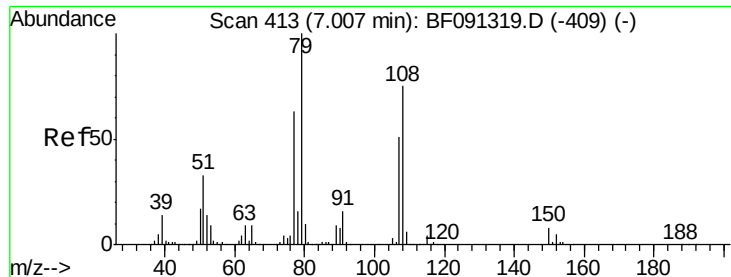
Delta R.T. -0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	146	Resp:	497284
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.6
111	36.6	38.9	58.3#





#15

Benzyl Alcohol

Concen: 38.62 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

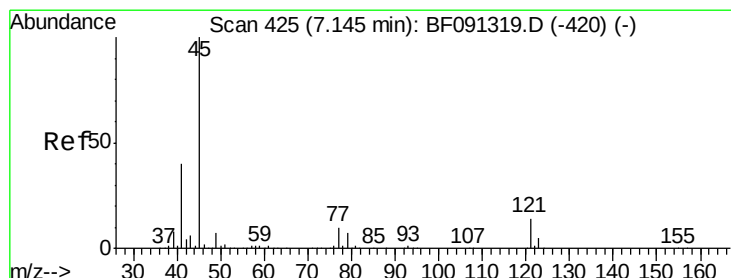
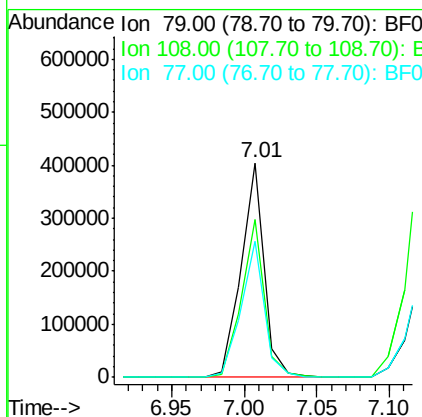
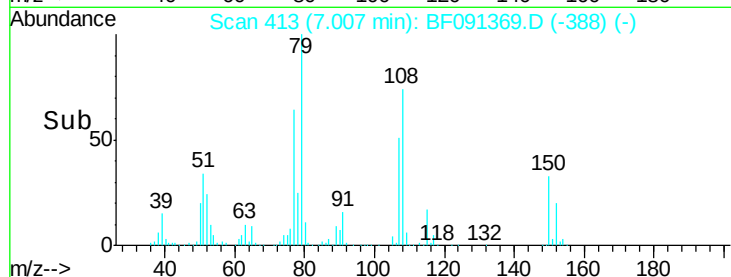
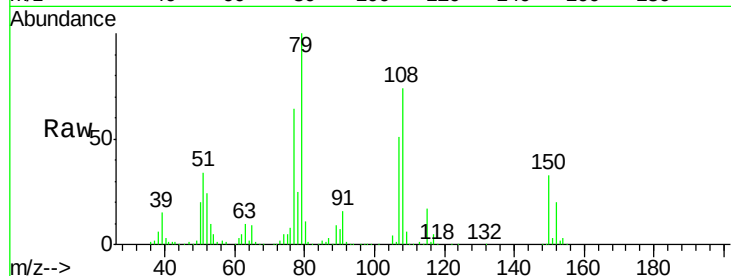
ClientSampleId :

PB94960BSD

Tot Ion:	79	Resp:	446777
Ion Ratio	Lower	Upper	
79	100		
108	73.8	62.7	94.1
77	63.5	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.55 ng

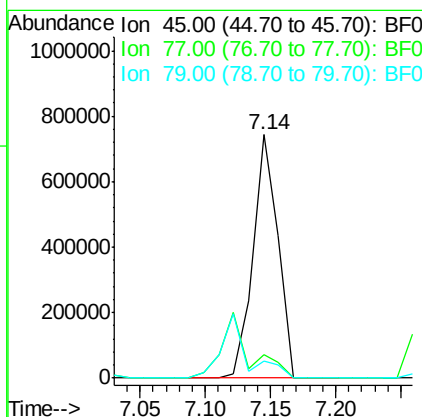
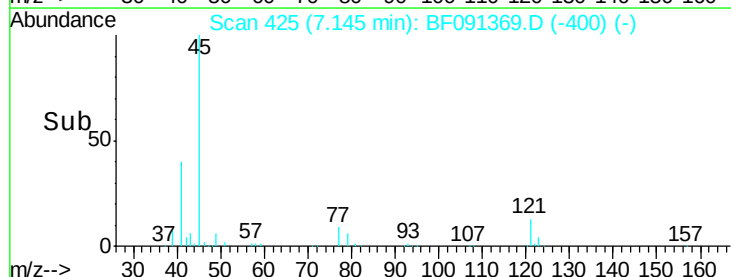
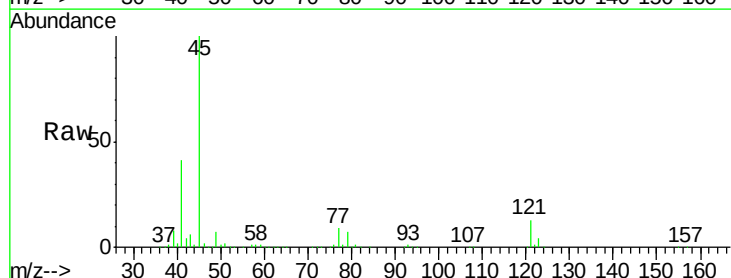
RT: 7.14 min Scan# 425

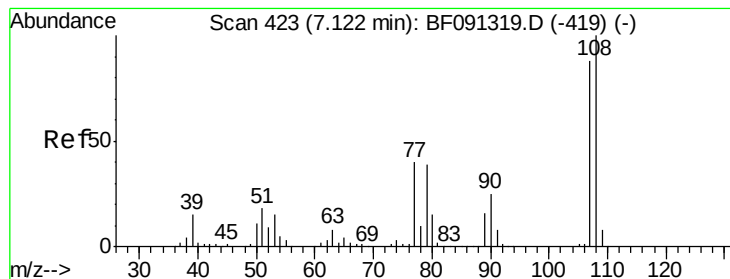
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	45	Resp:	981281
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.1	0.2	40.2





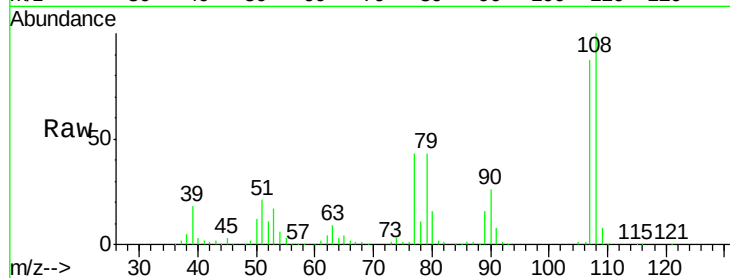
#17
2-Methylphenol
Concen: 40.23 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	67.7	101.5#	
77	49.6	40.7	61.1	
79	48.6	23.4	35.2#	

Manual Integrations
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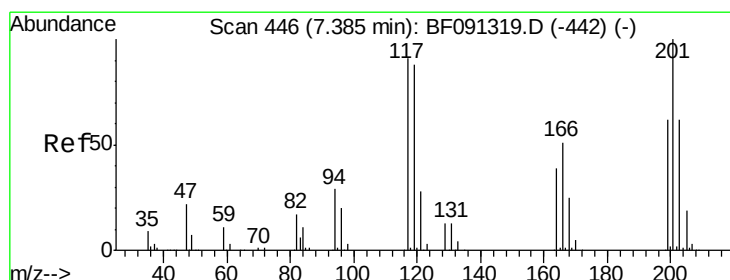
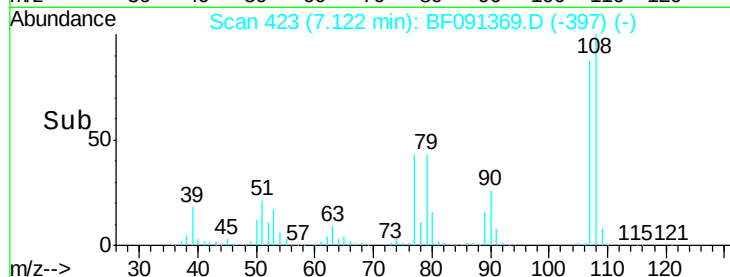
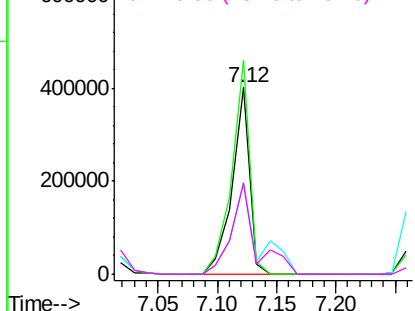
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

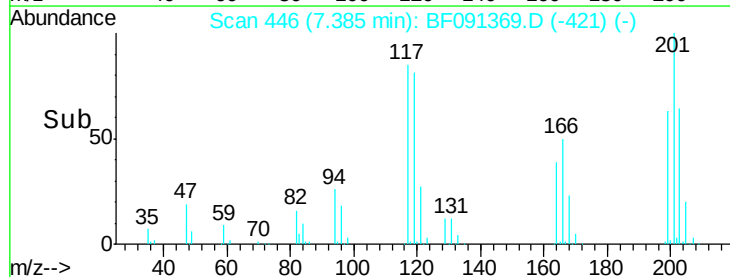
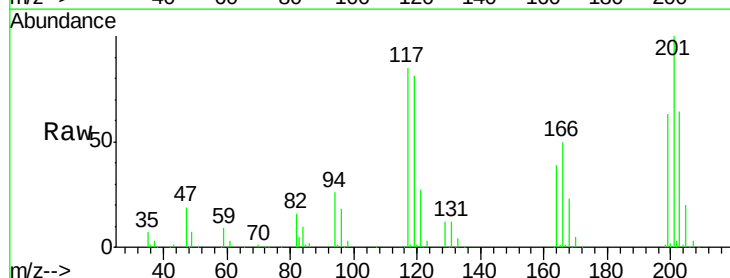
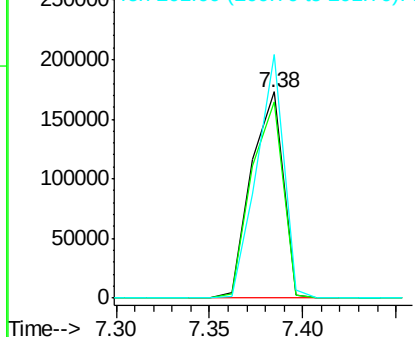
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	78.6	118.0	
201	117.9	86.7	130.1	

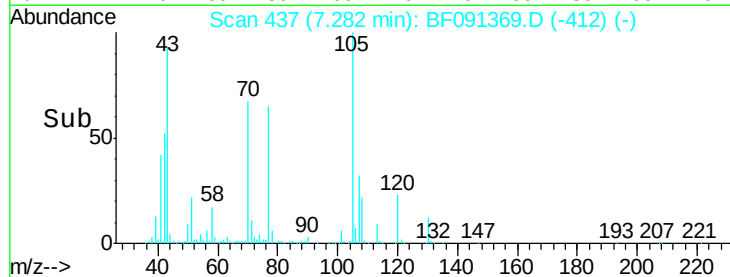
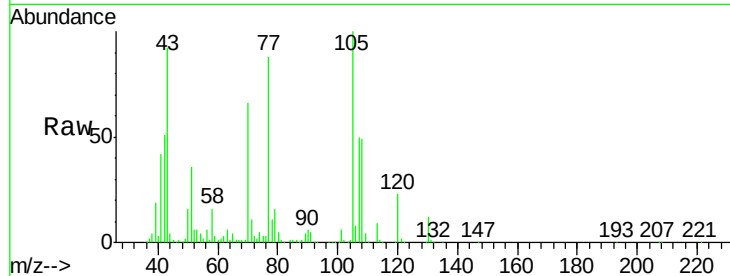
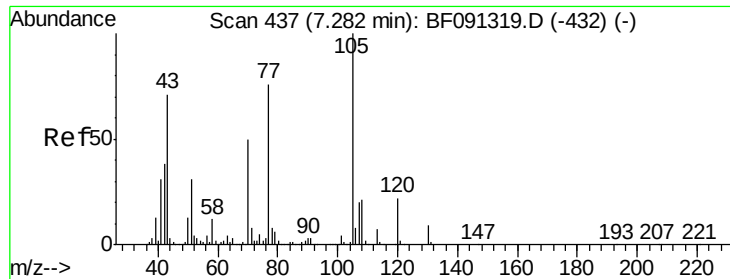
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





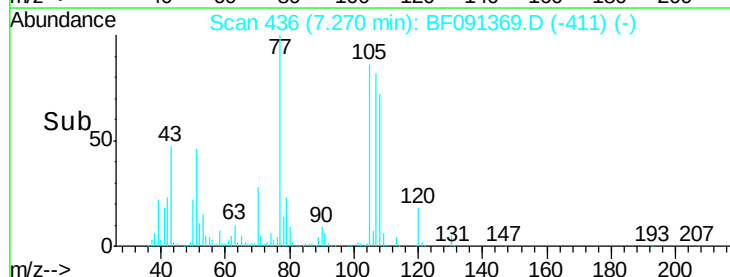
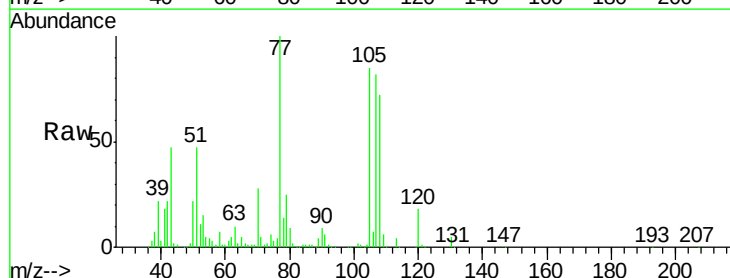
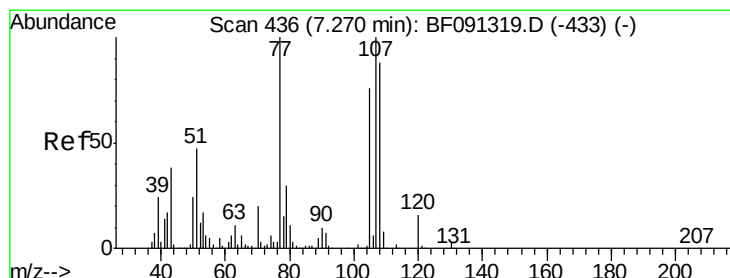
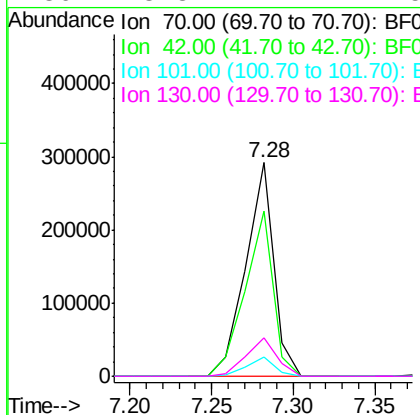
#19
n-Nitroso-di-n-propylamine
Concen: 38.27 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.5	64.8	97.2
101	8.8	6.2	9.4
130	18.3	11.7	17.5#

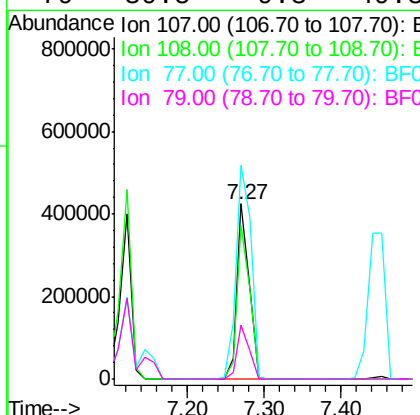
Manual Integrations
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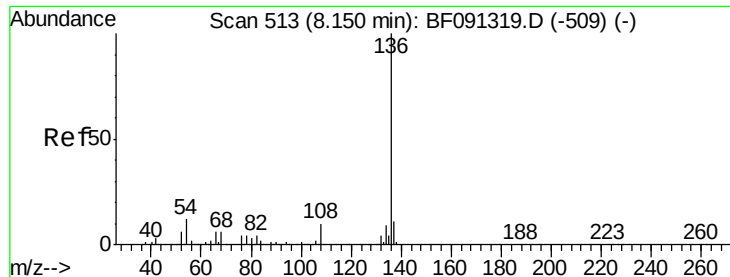
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#20
3+4-Methylphenols
Concen: 38.79 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.6	104.6
77	122.1	30.9	70.9#
79	30.5	9.3	49.3





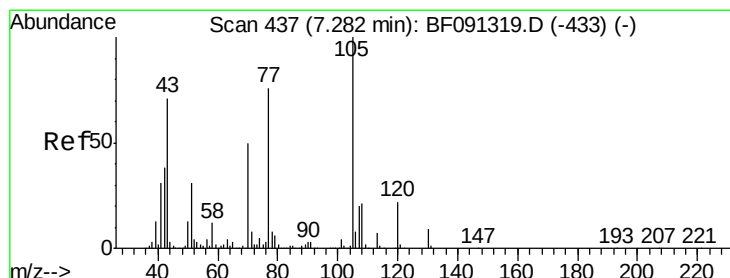
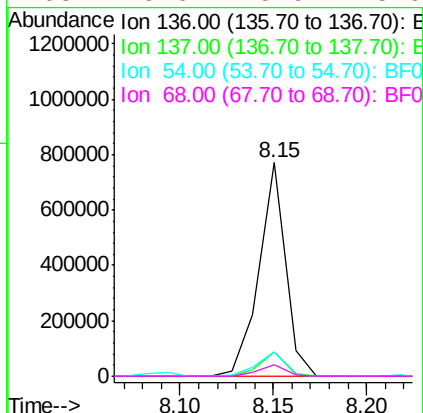
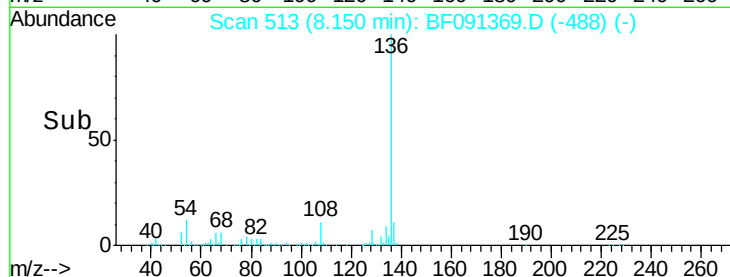
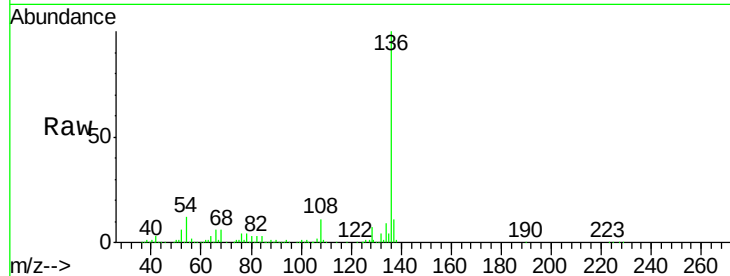
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.5	9.1	13.7
68	5.6	5.9	8.9#

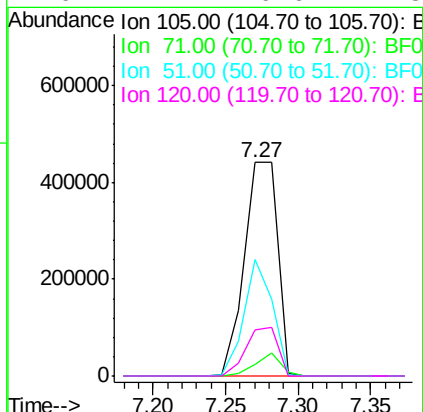
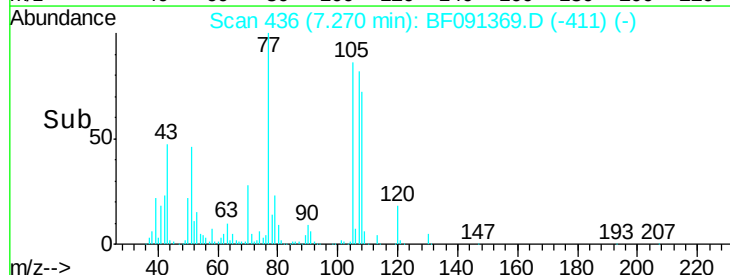
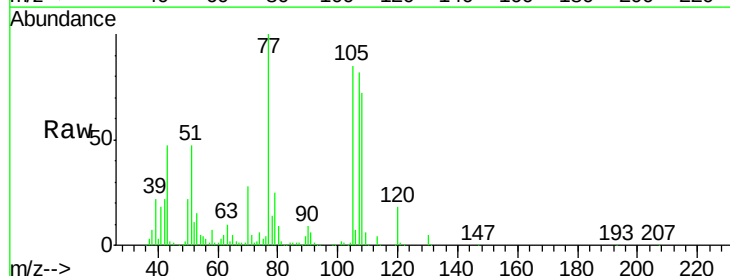
Manual Integrations
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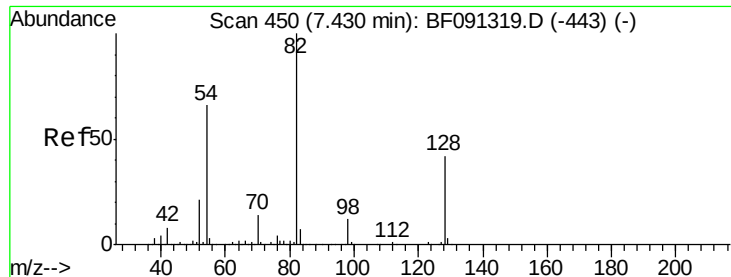
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#22
Acetophenone
Concen: 39.04 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	7.9	11.9#
51	54.8	24.5	36.7#
120	21.4	16.6	24.8





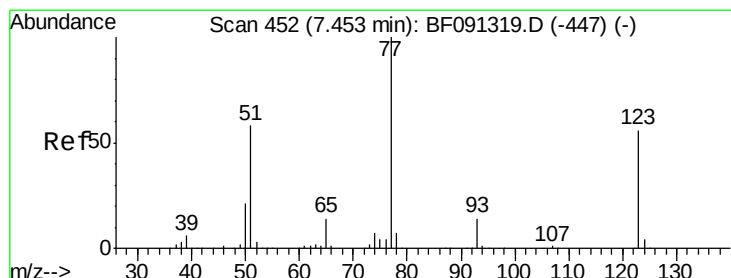
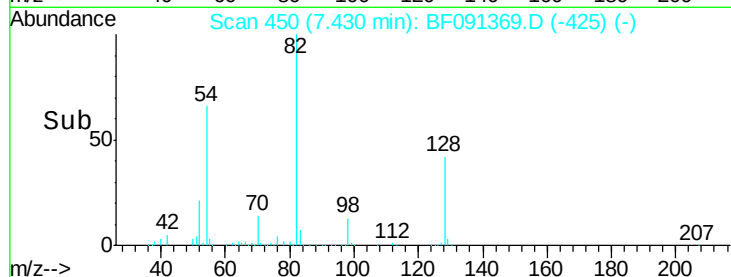
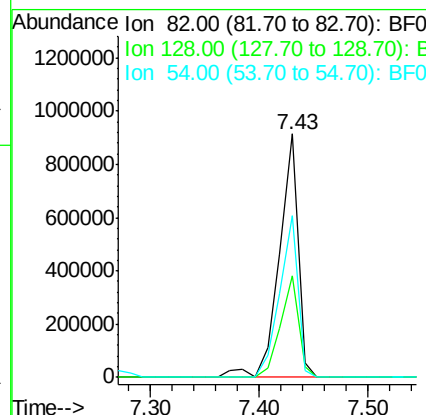
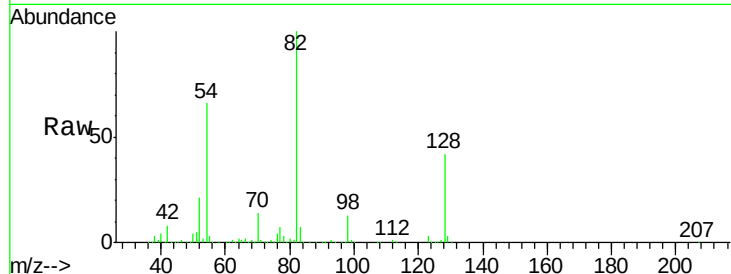
#23
 Nitrobenzene-d5
 Concen: 81.02 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion	82	Resp	1098774
Ion Ratio	100	Lower	Upper
128	41.5	31.8	47.6
54	66.2	49.1	73.7

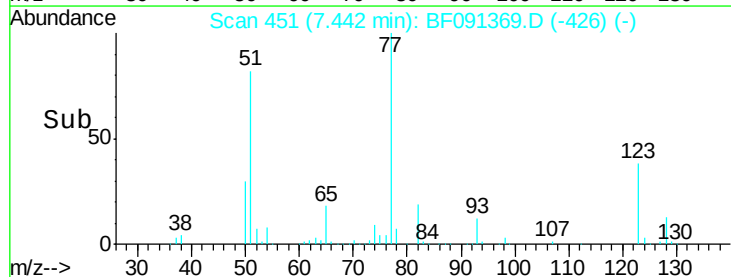
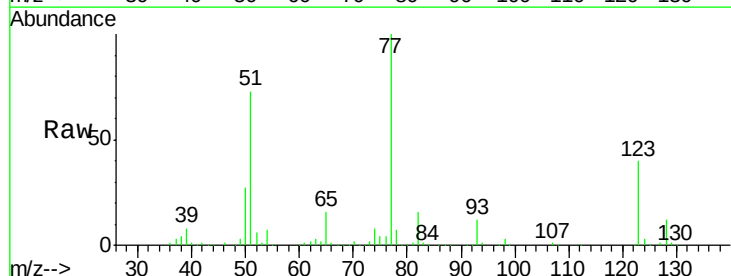
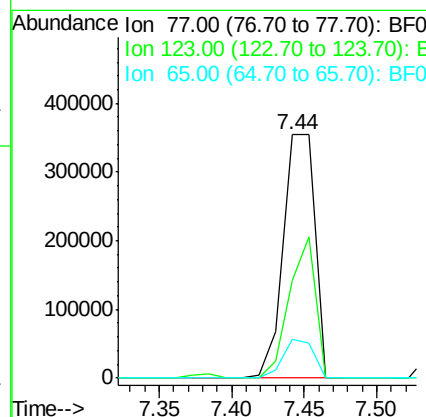
Manual Integrations
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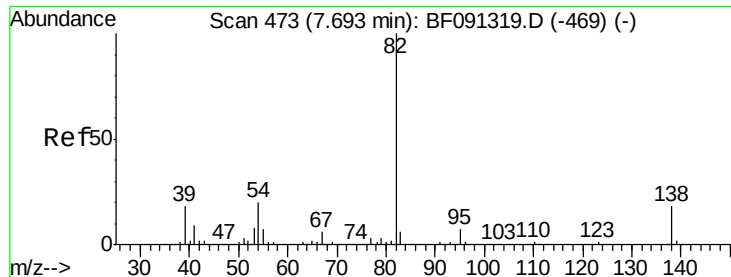
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#24
 Nitrobenzene
 Concen: 38.67 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	77	Resp	536928
Ion Ratio	100	Lower	Upper
123	40.2	28.5	42.7
65	16.0	12.5	18.7





#25

Isophorone

Concen: 41.51 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

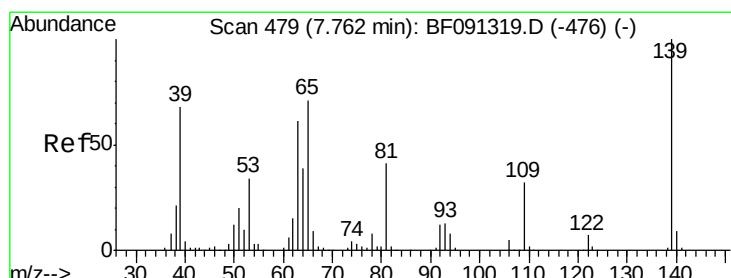
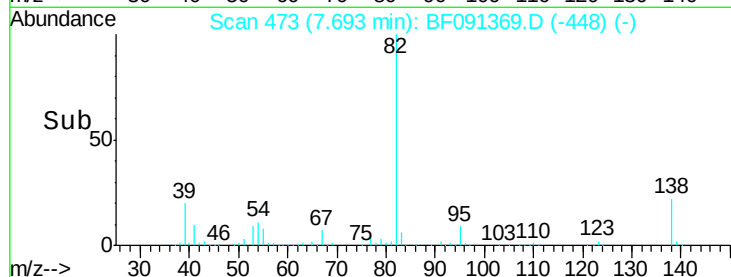
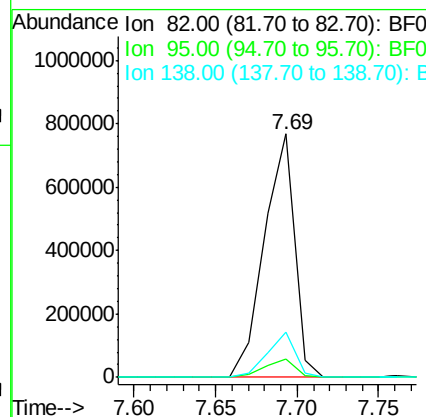
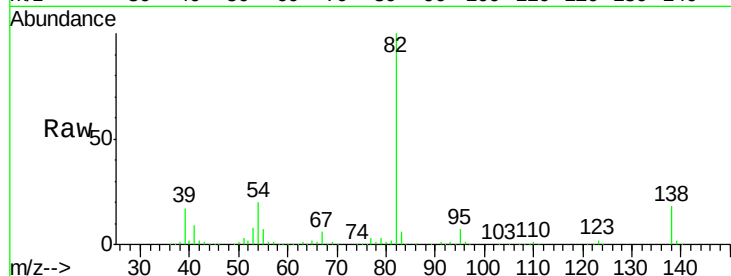
ClientSampled :

PB94960BSD

Tot Ion:	82	Resp:	997235
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	18.5	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.25 ng

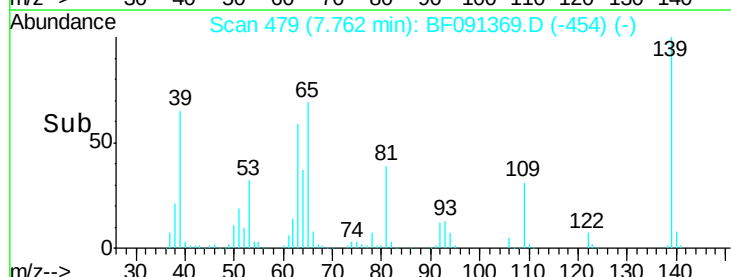
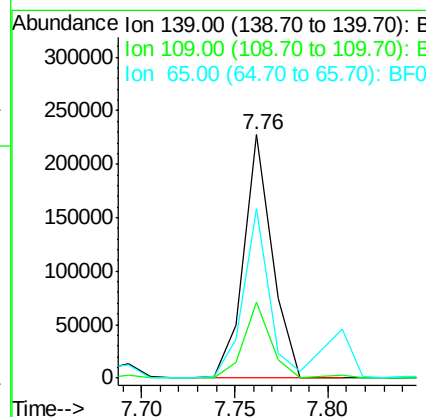
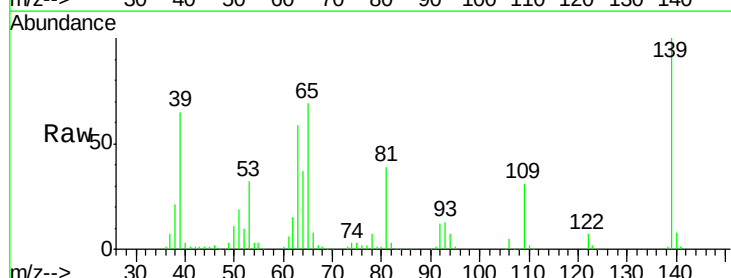
RT: 7.76 min Scan# 479

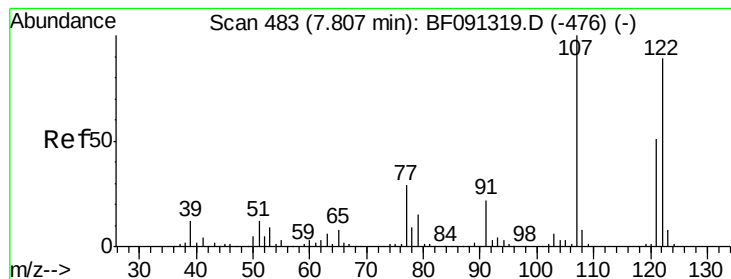
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	139	Resp:	242051
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.3	37.9
65	69.5	55.4	83.2





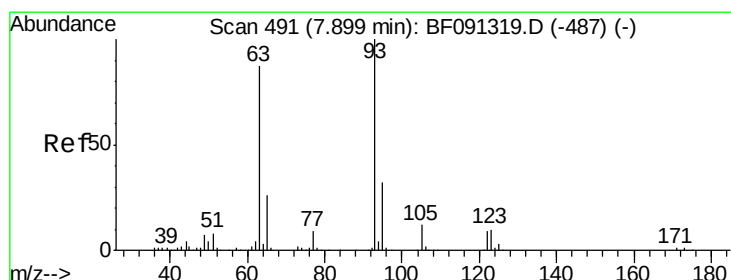
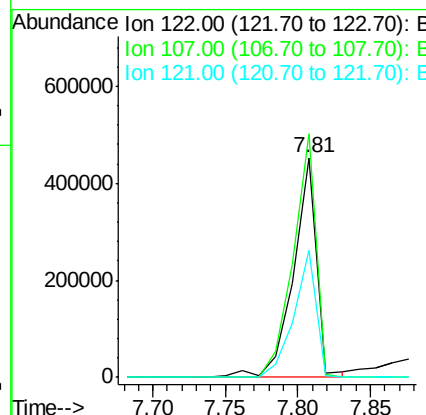
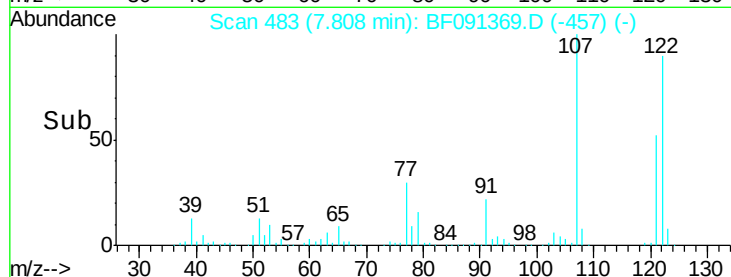
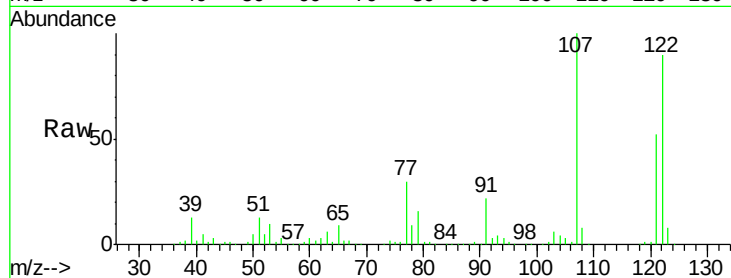
#27
 2,4-Dimethylphenol
 Concen: 42.58 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	96.8	145.2
121	58.0	47.7	71.5

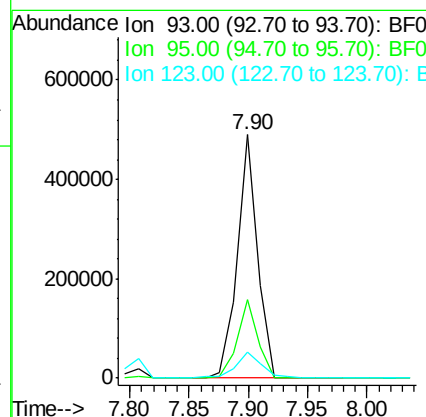
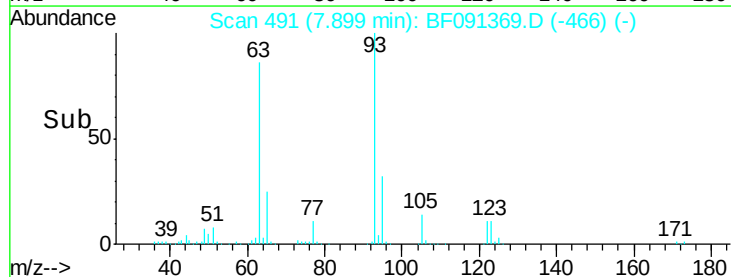
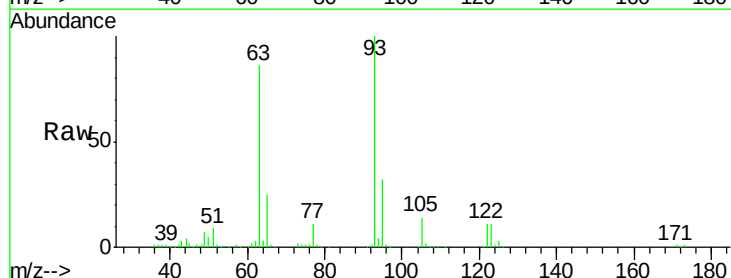
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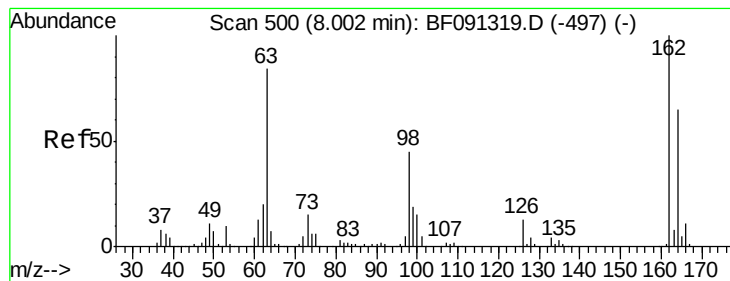
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.00 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.8	8.6	12.8





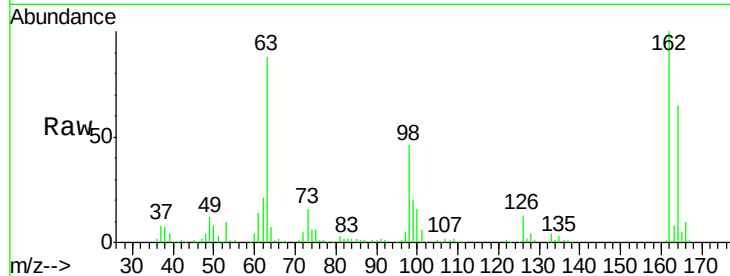
#29
 2,4-Dichlorophenol
 Concen: 39.33 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

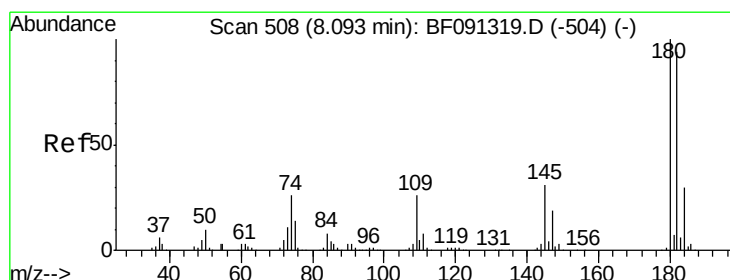
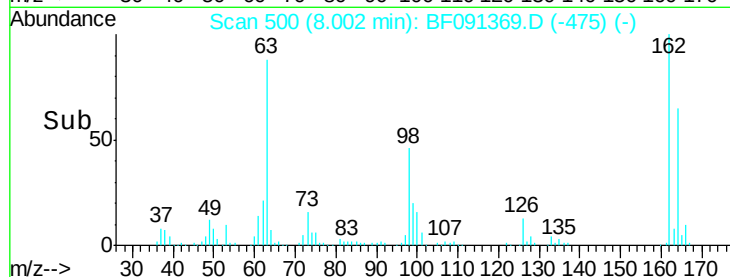
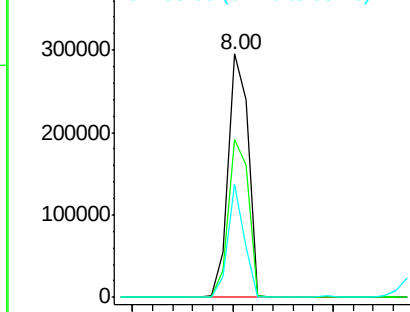
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	45.0	85.0
98	46.2	21.3	61.3

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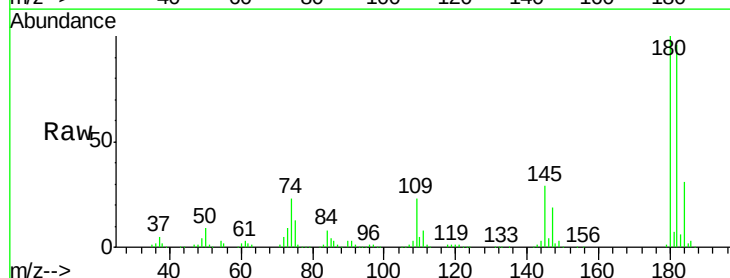


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

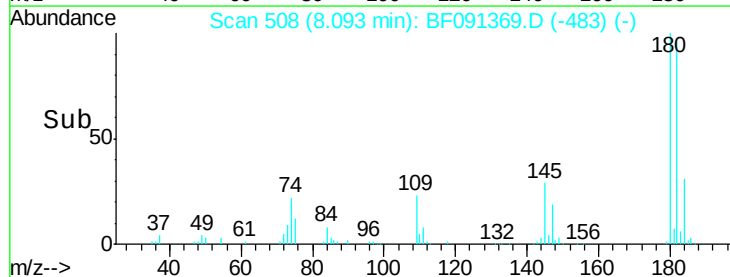
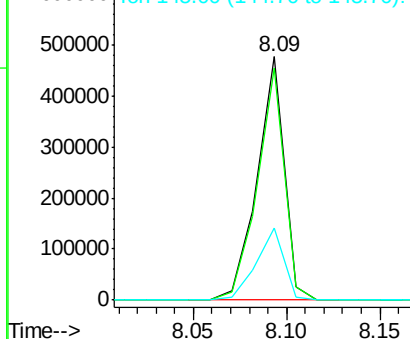


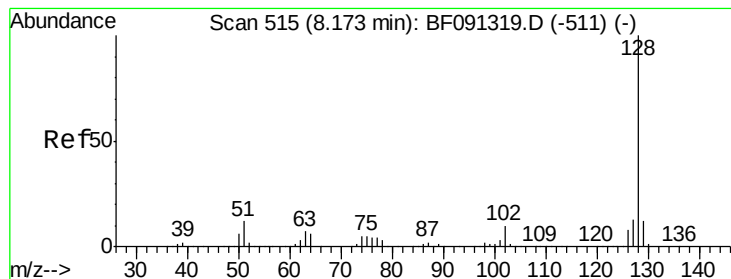
#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	75.8	113.8
145	29.4	27.0	40.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.81 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB94960BSD

Tot Ion:128 Resp: 1437911

Ion Ratio Lower Upper

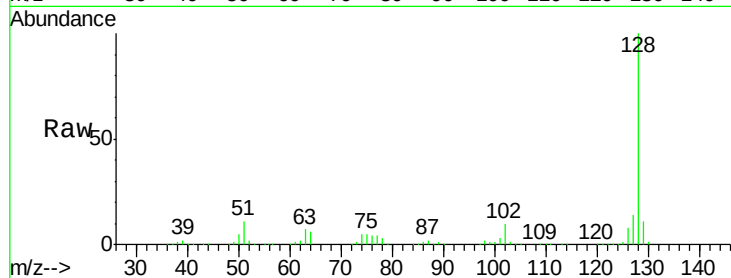
128 100

129 11.5 9.1 13.7

127 13.6 11.0 16.4

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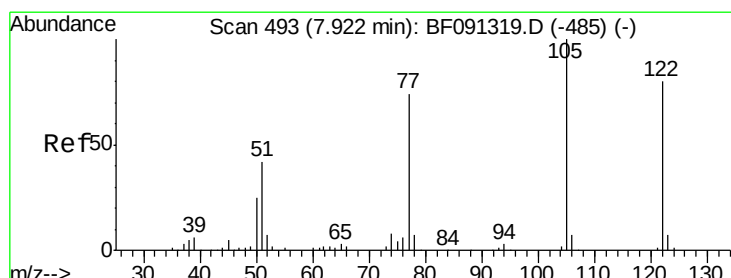
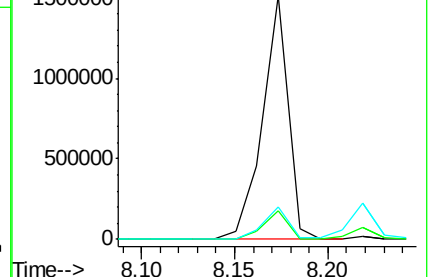
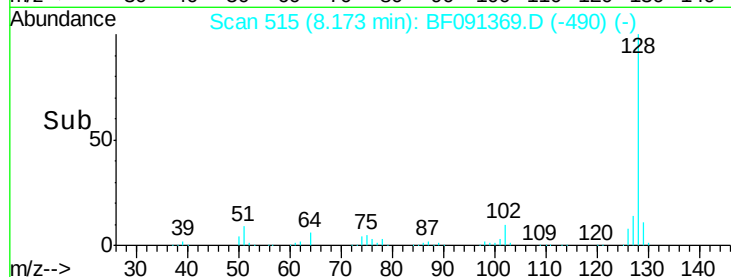
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.00 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

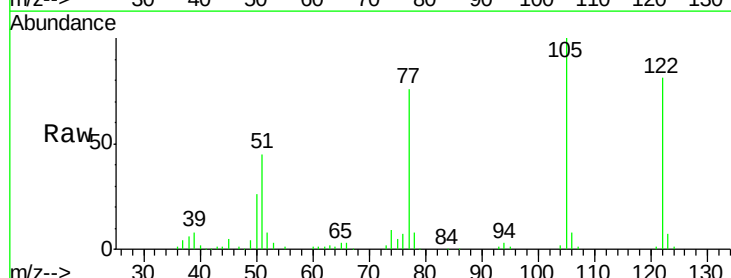
Tgt Ion:122 Resp: 287978

Ion Ratio Lower Upper

122 100

105 123.9 113.0 153.0

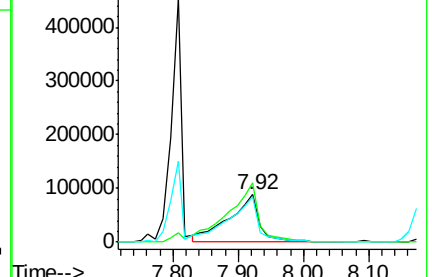
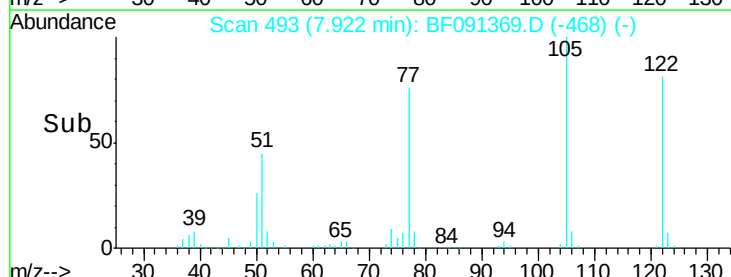
77 94.4 82.0 122.0

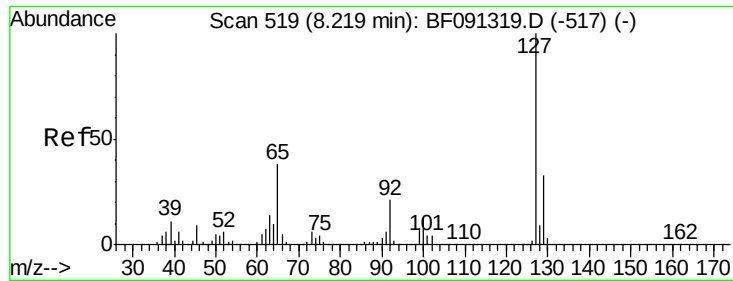


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





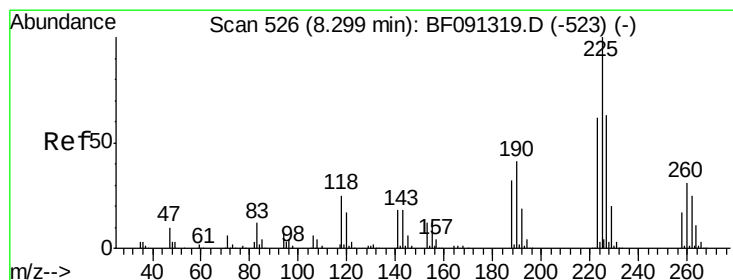
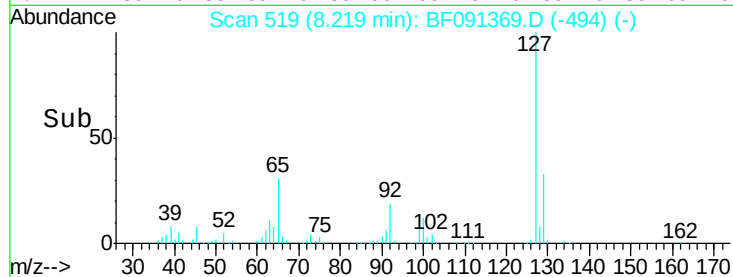
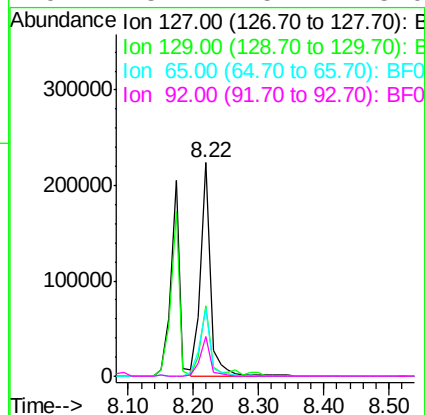
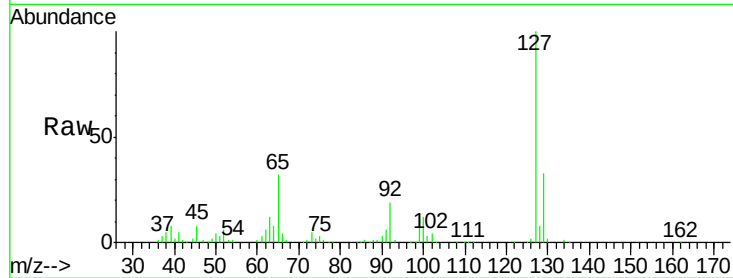
#33
4-Chloroaniline
Concen: 15.39 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.4	
65	31.7	26.6	39.8	
92	18.7	15.4	23.0	

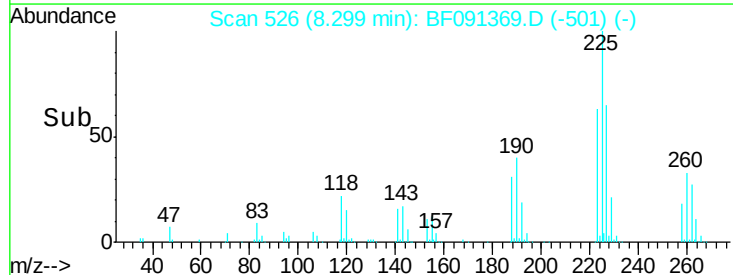
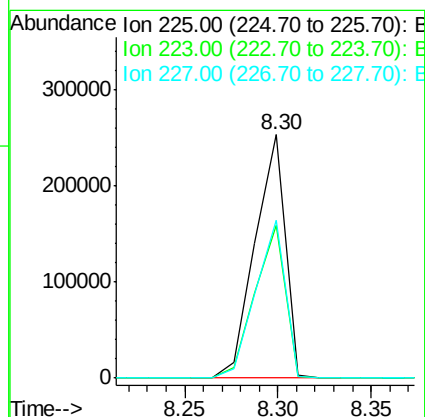
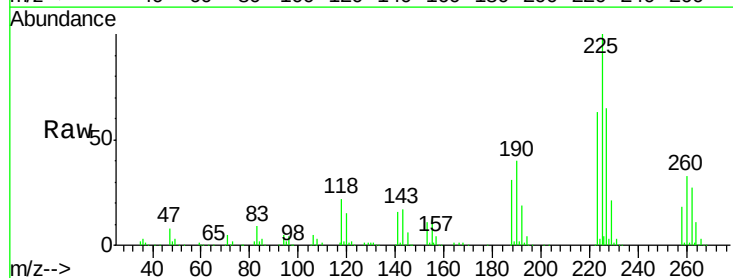
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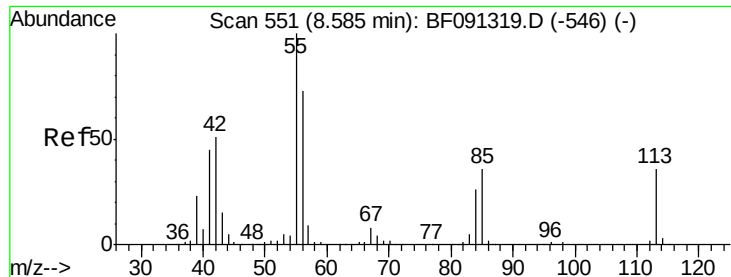
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#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	49.8	74.6	
227	64.7	52.6	79.0	





#35

Caprolactam

Concen: 44.06 ng

RT: 8.60 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB94960BSD

Tot Ion:113 Resp: 131853
Ion Ratio Lower Upper

113 100

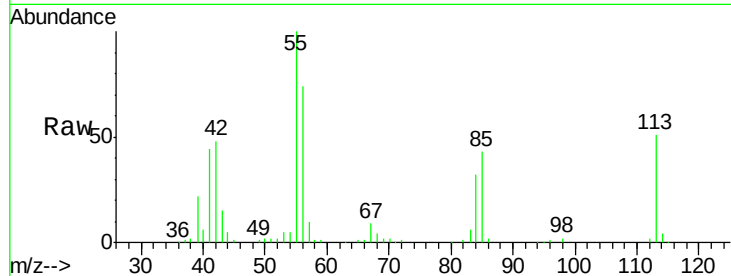
55 196.7 239.8 279.8#

56 146.4 165.6 205.6#

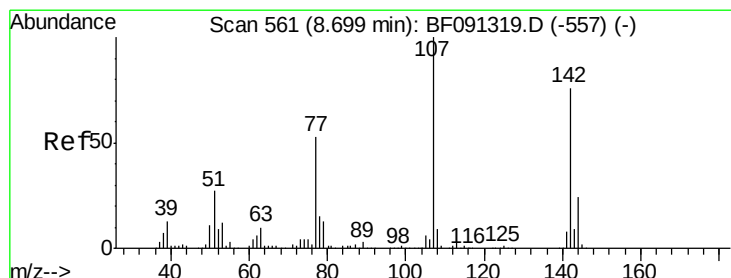
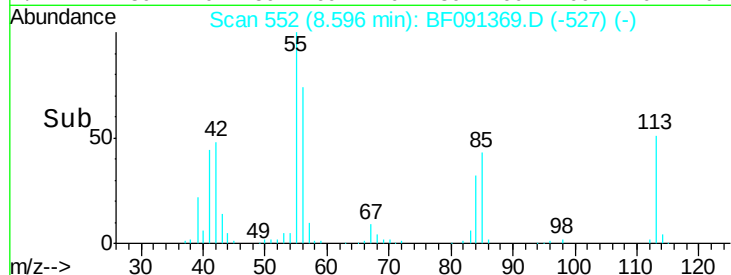
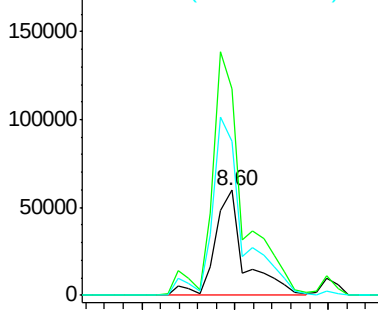
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.23 ng

RT: 8.70 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF091369.D

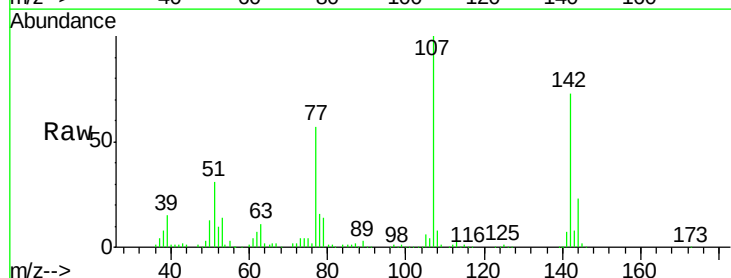
Acq: 30 Nov 2016 22:06

Tgt Ion:107 Resp: 418513
Ion Ratio Lower Upper

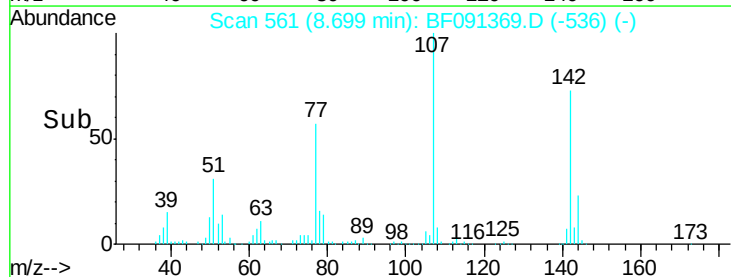
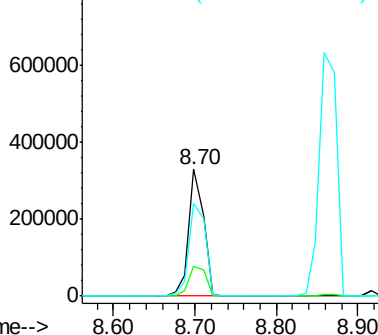
107 100

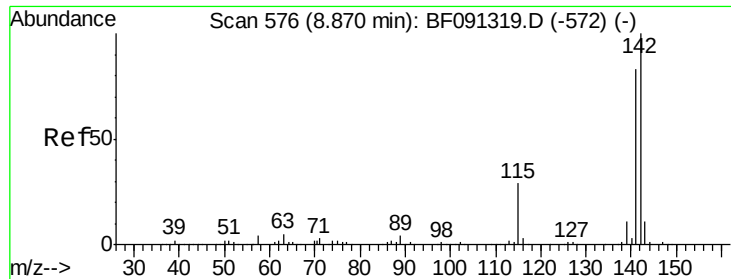
144 23.1 18.9 28.3

142 72.7 58.5 87.7



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





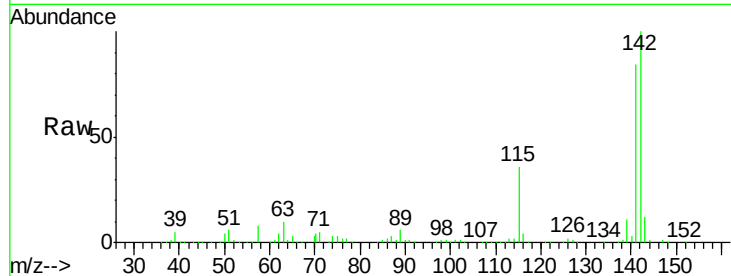
#37
2-Methylnaphthalene
Concen: 38.07 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

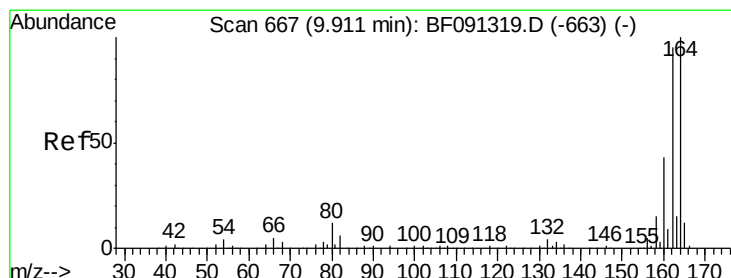
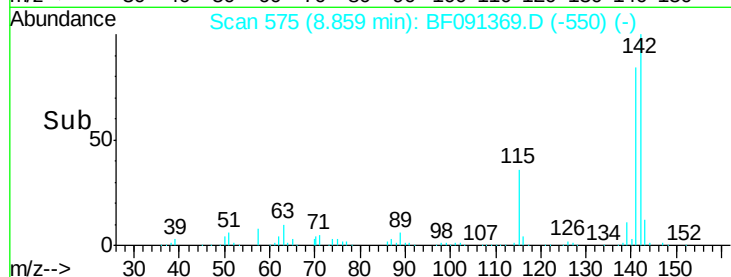
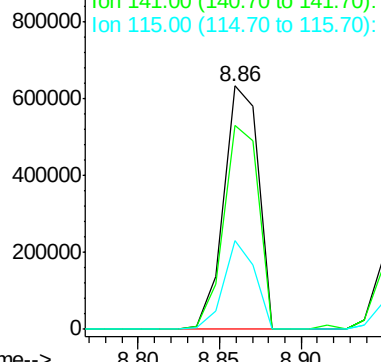
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.7	107.5
115	36.3	25.0	37.6

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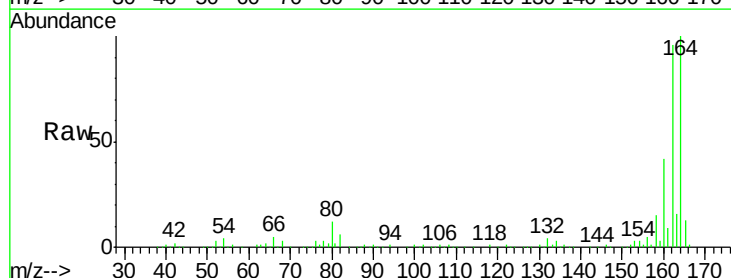


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

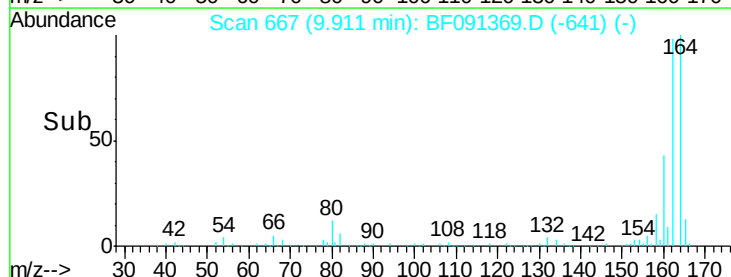
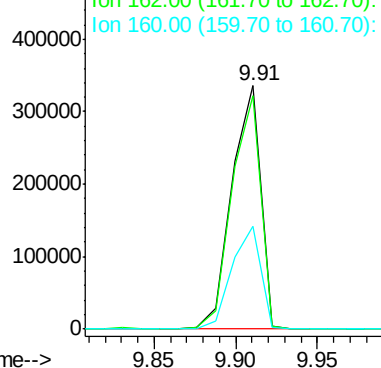


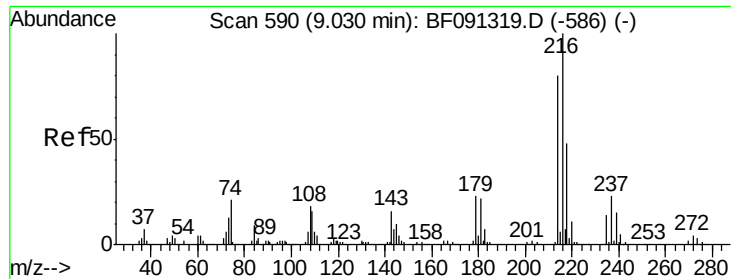
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	82.6	124.0
160	42.2	36.7	55.1



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





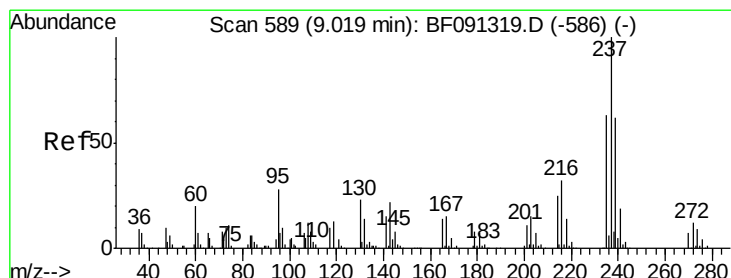
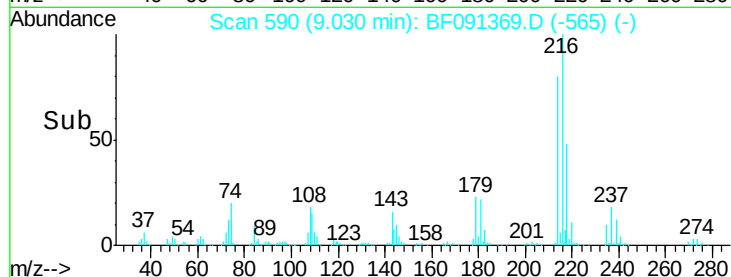
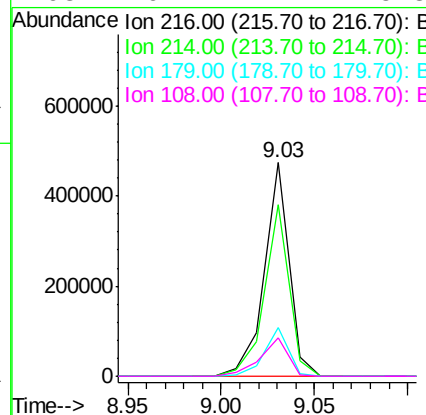
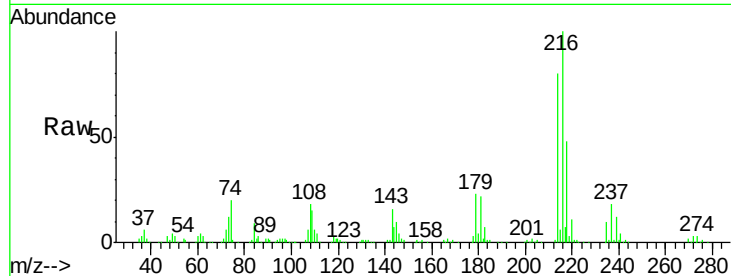
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.19 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		433577		
214	79.9	63.8	95.8		
179	22.3	18.2	27.2		
108	20.1	17.2	25.8		

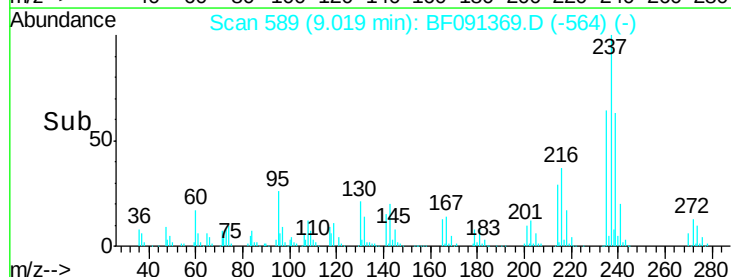
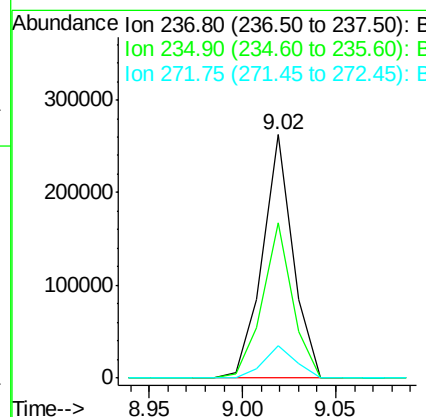
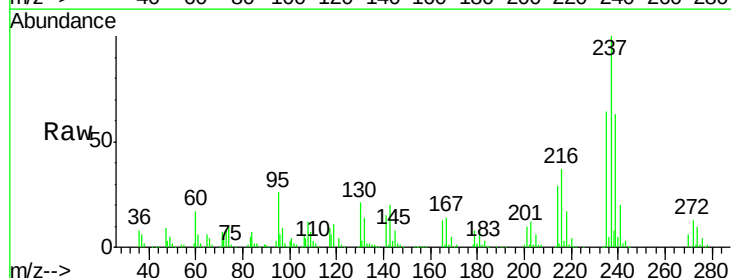
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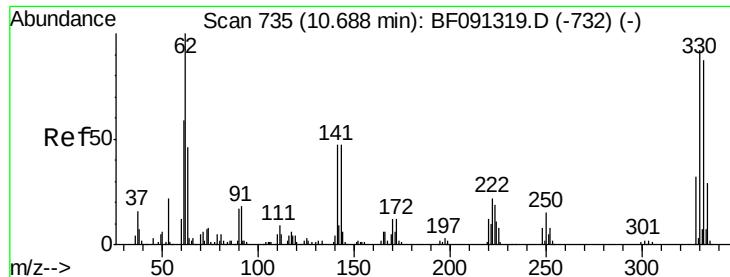
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#40
 Hexachlorocyclopentadiene
 Concen: 55.67 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		300841		
235	63.9	43.9	83.9		
272	13.1	0.0	33.1		





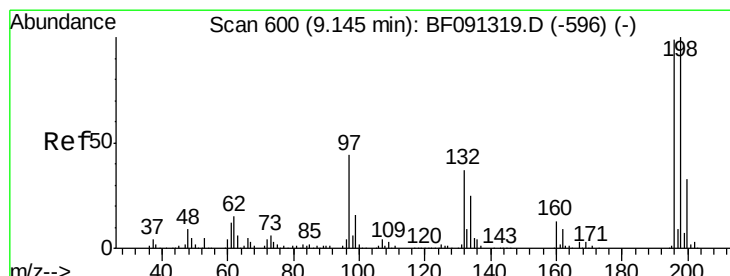
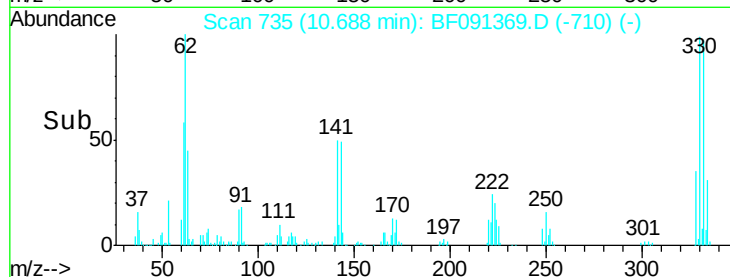
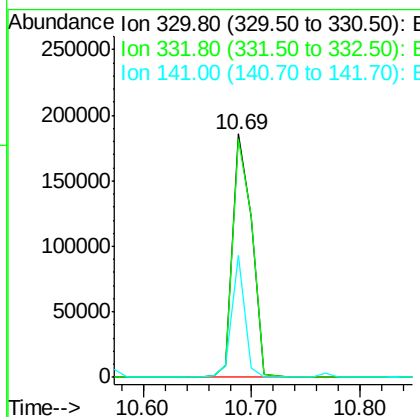
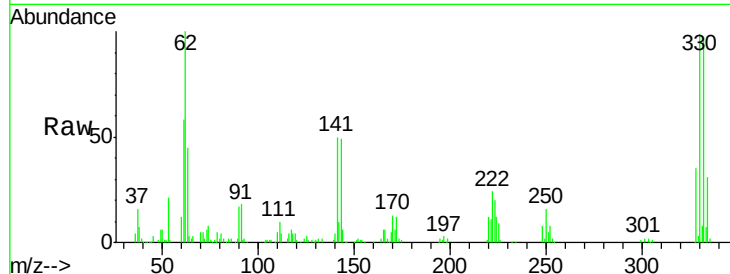
#41
 2,4,6-Tribromophenol
 Concen: 56.67 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221854		
332	98.8	76.2	114.4	
141	34.5	33.6	50.4	

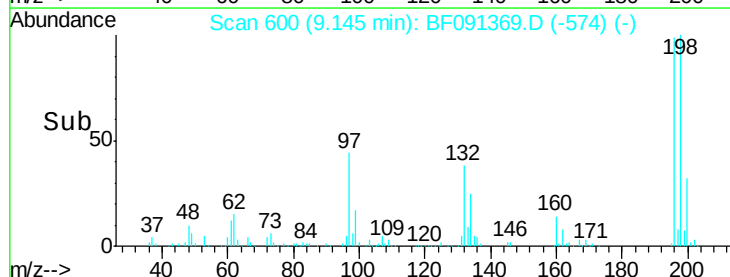
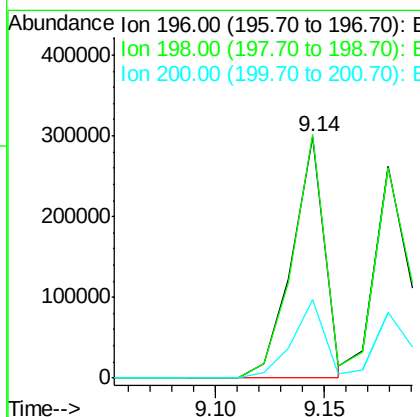
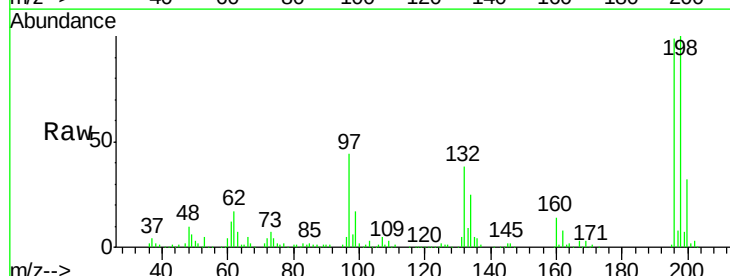
Manual Integrations
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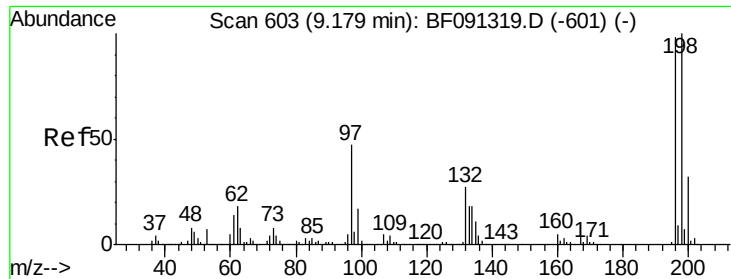
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#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310902		
198	100.9	77.4	116.0	
200	32.3	25.2	37.8	





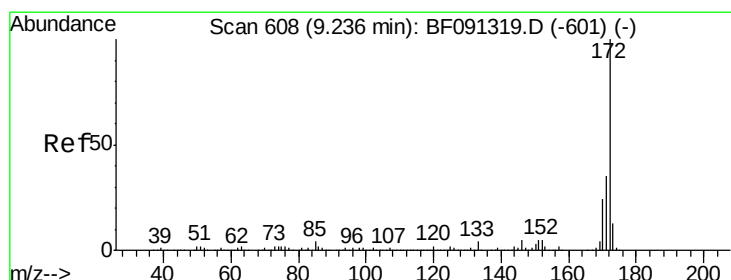
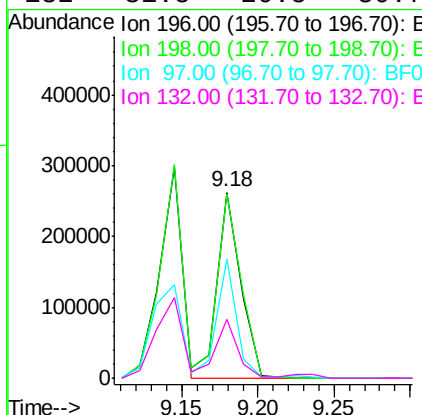
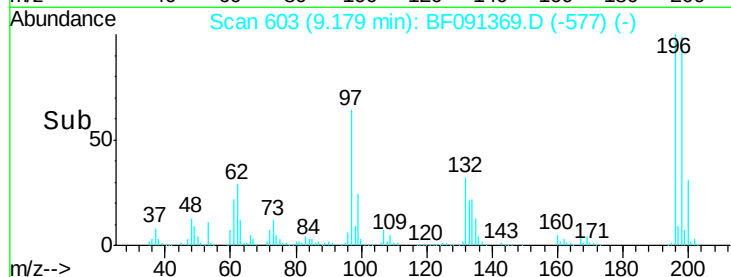
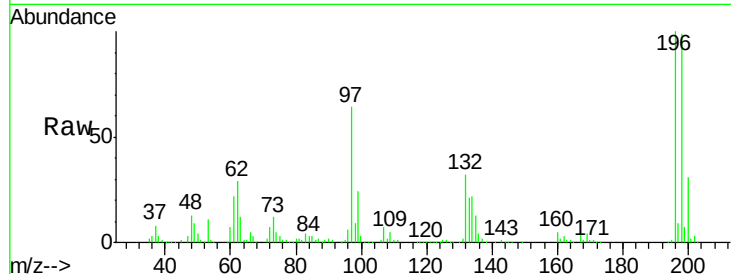
#43
 2,4,5-Trichlorophenol
 Concen: 37.29 ng/ml
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleID :
 PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283131		
198	99.1	77.0	115.6	
97	63.8	33.5	50.3	
132	31.5	20.5	30.7	

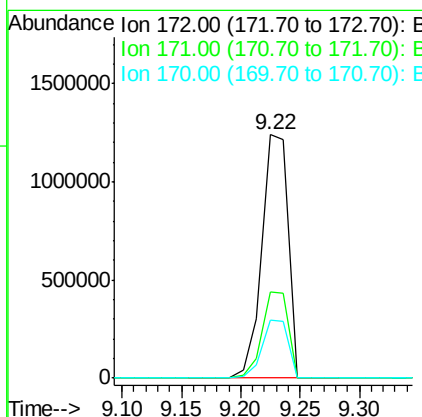
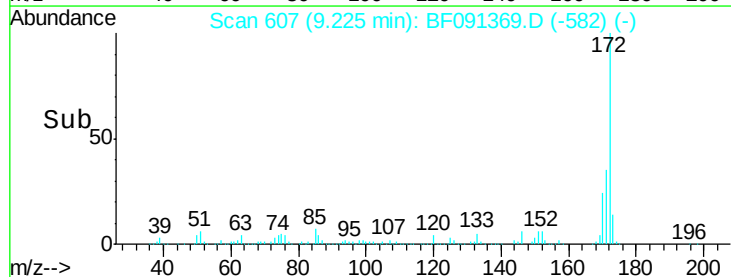
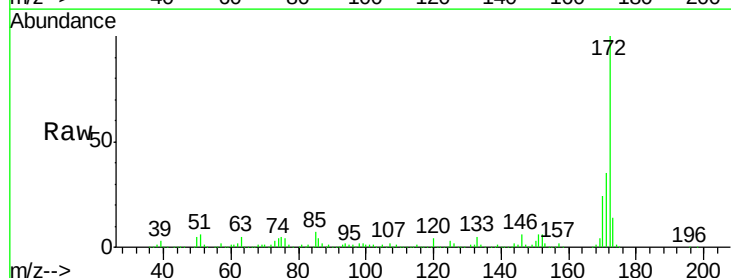
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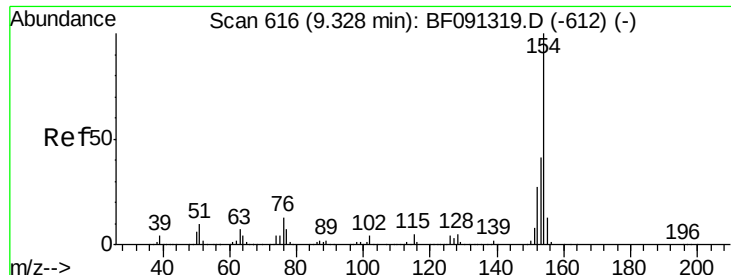
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#44
 2-Fluorobiphenyl
 Concen: 84.15 ng/ml
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1921870		
171	35.3	29.4	44.0	
170	23.7	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 35.90 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB94960BSD

Tot Ion:154 Resp: 1067471

Ion Ratio Lower Upper

154 100

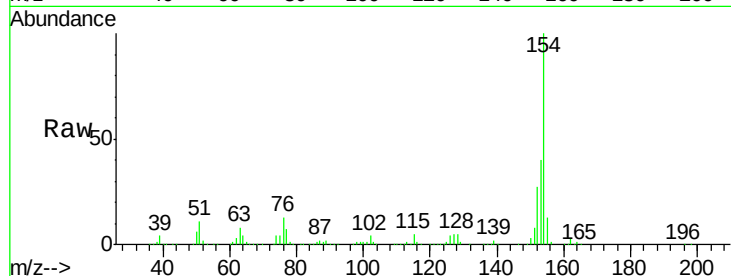
153 40.3 20.6 60.6

76 13.5 0.0 36.6

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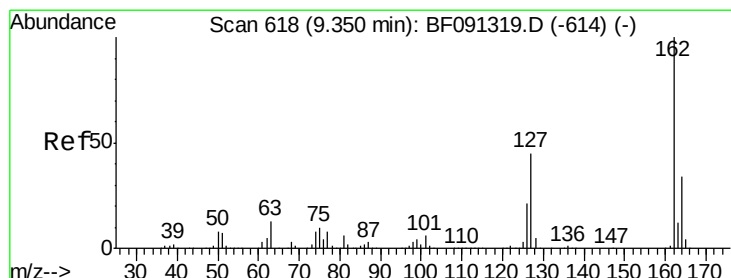
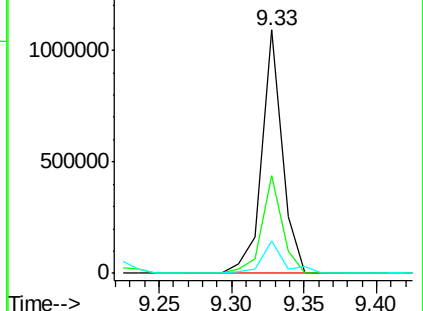
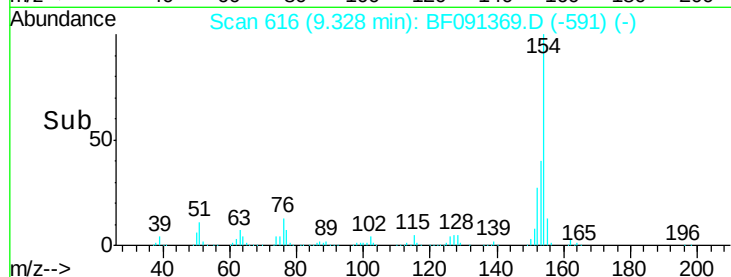
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.59 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

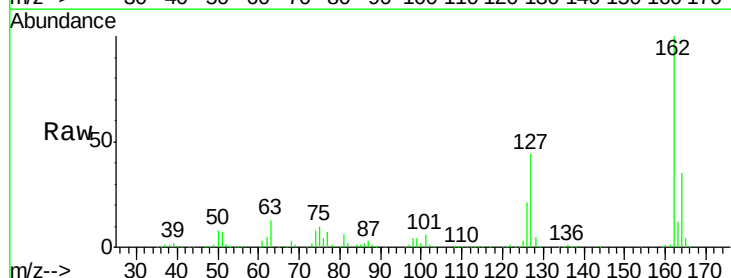
Tgt Ion:162 Resp: 810251

Ion Ratio Lower Upper

162 100

127 43.8 34.3 51.5

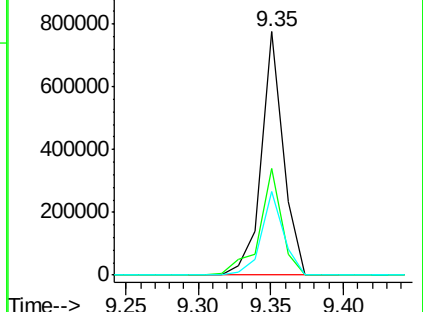
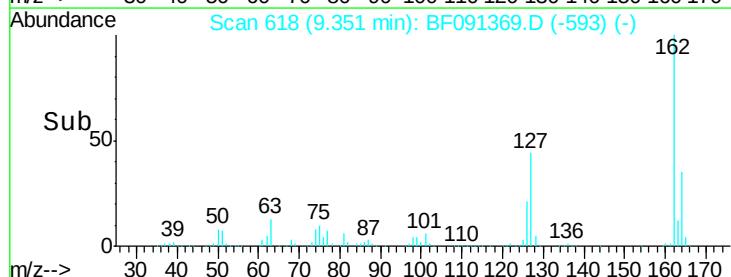
164 34.5 26.6 40.0

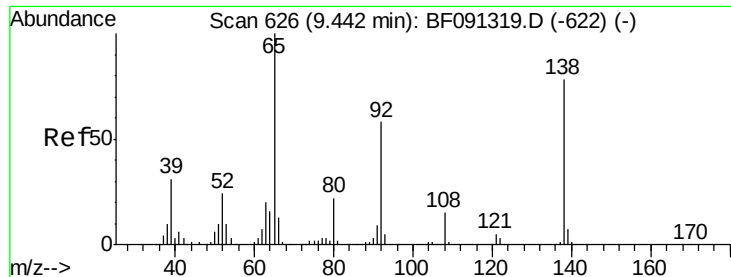


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.38 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

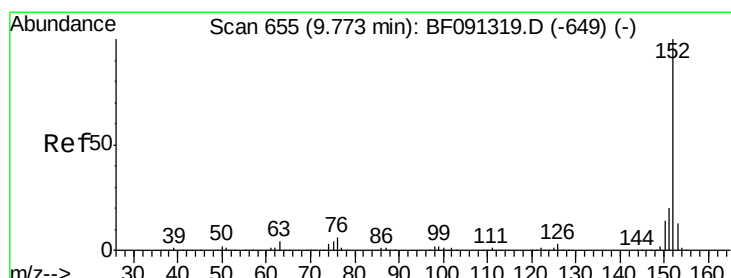
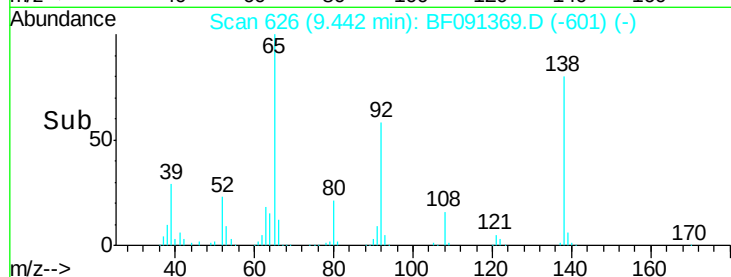
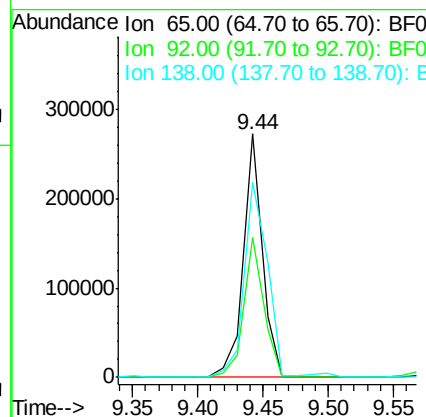
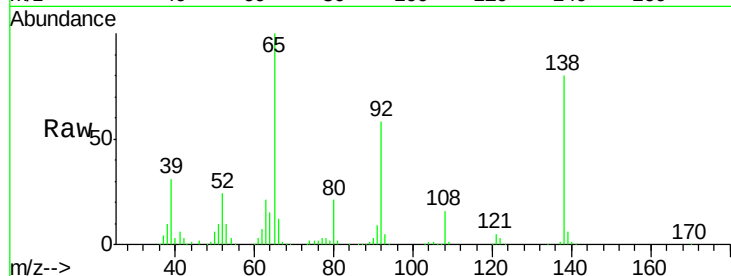
ClientSampleId :

PB94960BSD

Tot Ion:	65	Resp:	273481
Ion Ratio	Lower	Upper	
65	100		
92	57.7	53.6	80.4
138	79.9	91.0	136.6#

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#48

Acenaphthylene

Concen: 36.92 ng

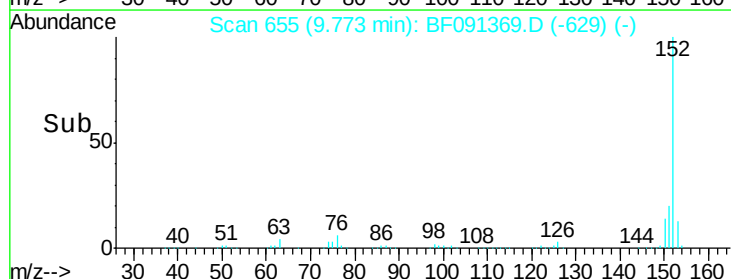
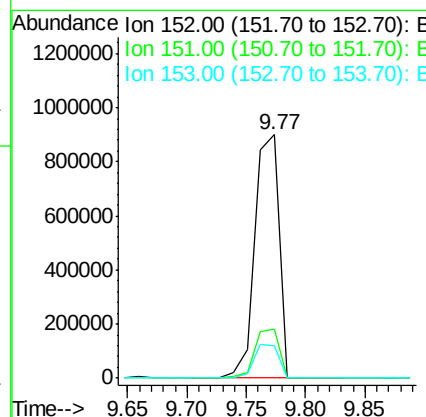
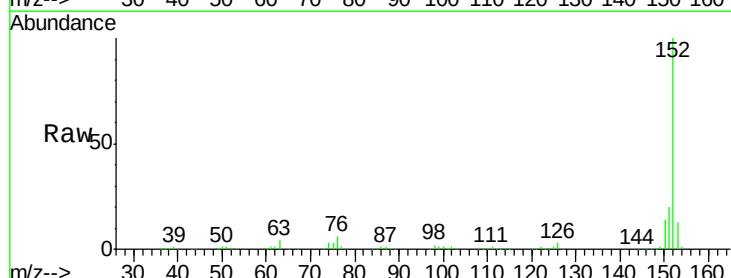
RT: 9.77 min Scan# 655

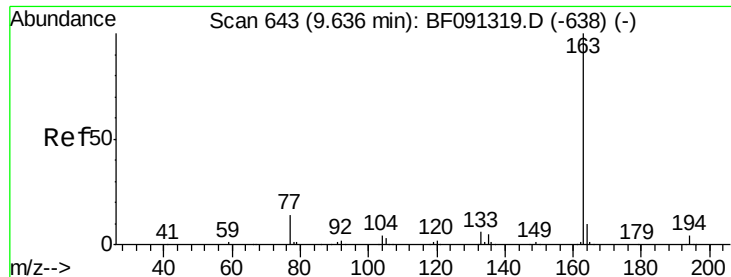
Delta R.T. -0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	152	Resp:	1286970
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.6	24.8
153	13.5	10.7	16.1





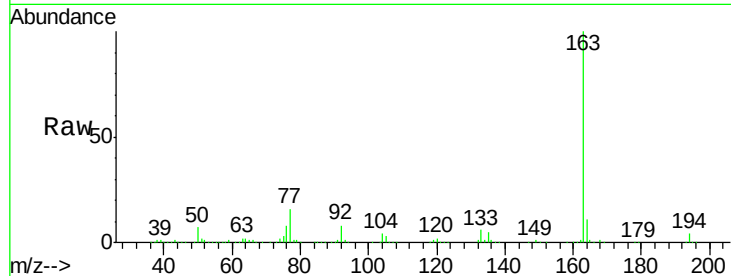
#49
Dimethylphthalate
Concen: 42.34 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

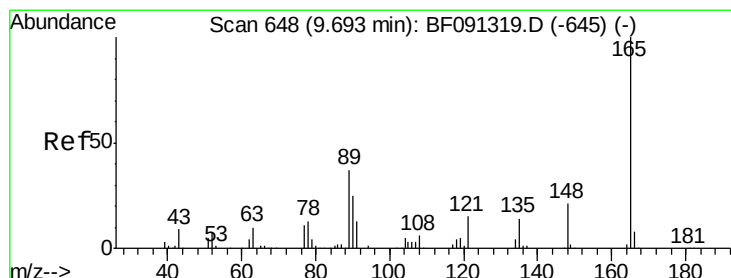
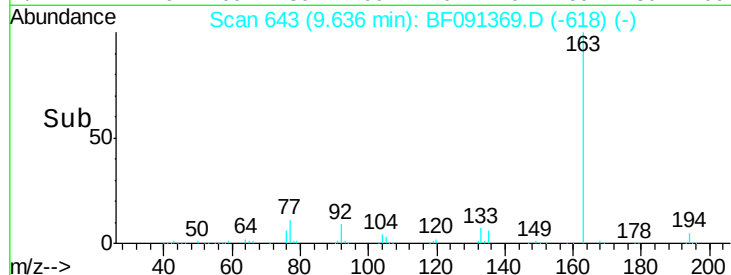
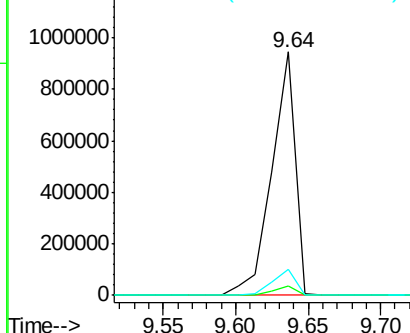
Tot Ion:163 Resp: 1060147
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 7.8 11.8

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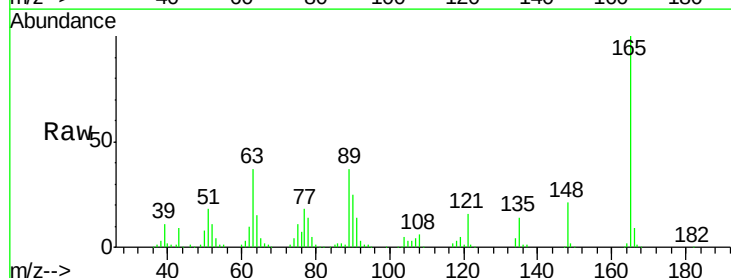


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

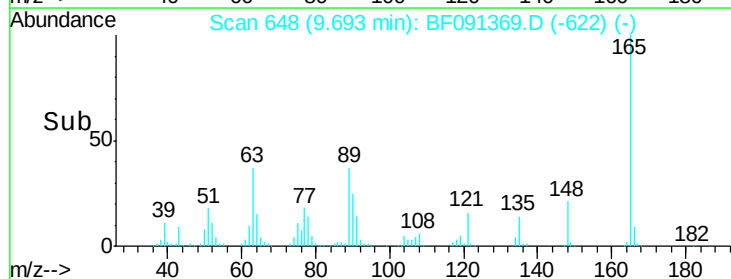
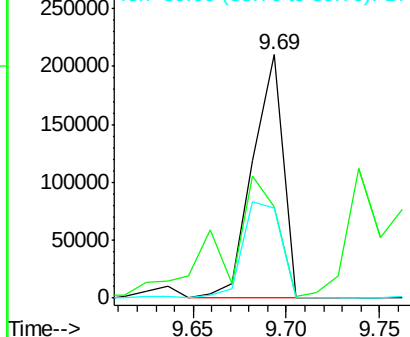


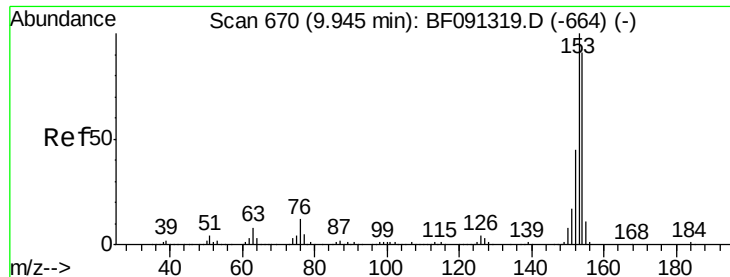
#50
2,6-Dinitrotoluene
Concen: 42.37 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion:165 Resp: 237101
Ion Ratio Lower Upper
165 100
63 37.4 59.4 89.0#
89 37.0 50.8 76.2#



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: 38.19 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

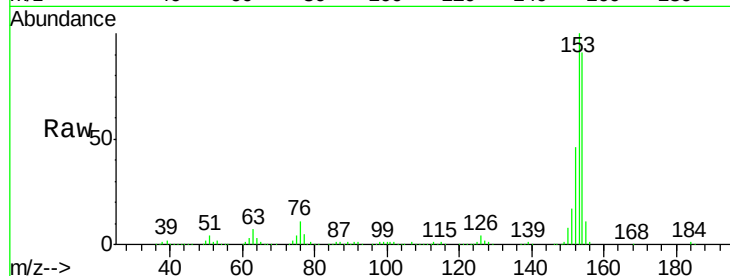
ClientSampled :

PB94960BSD

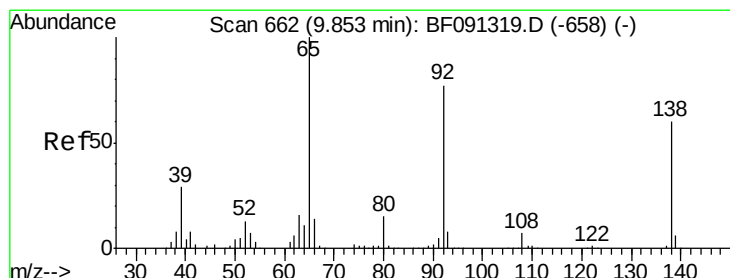
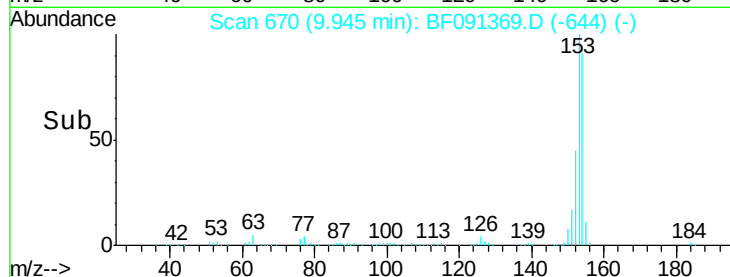
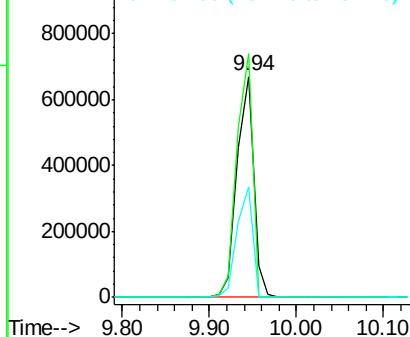
Tot Ion:	154	Resp:	897870
Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.0	136.6
152	50.2	44.2	66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.57 ng

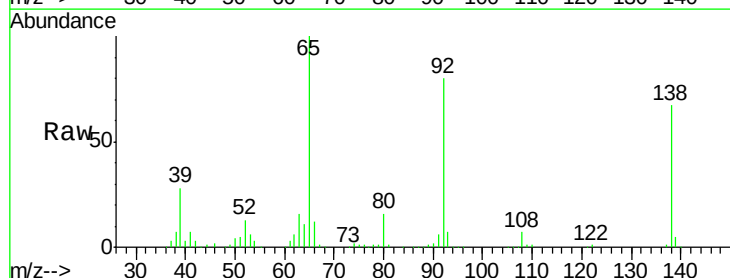
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

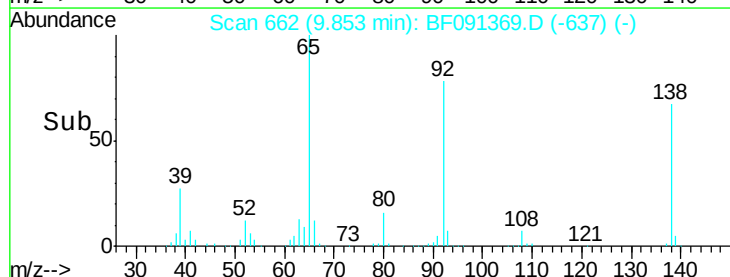
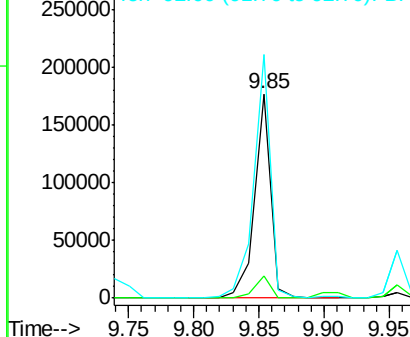
Lab File: BF091369.D

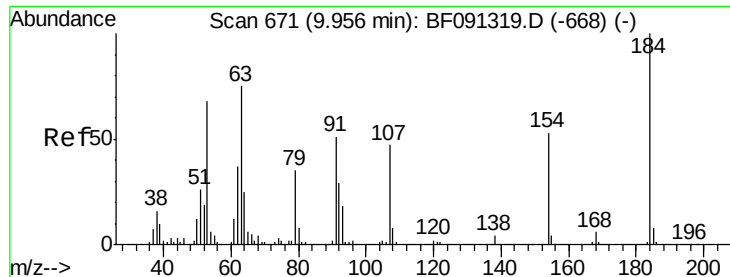
Acq: 30 Nov 2016 22:06

Tgt Ion:	138	Resp:	152707
Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.1	12.1
92	119.4	92.5	138.7



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





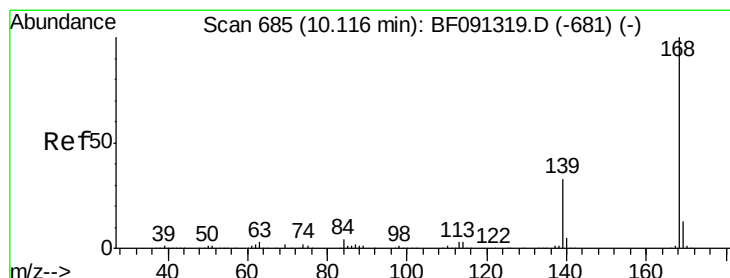
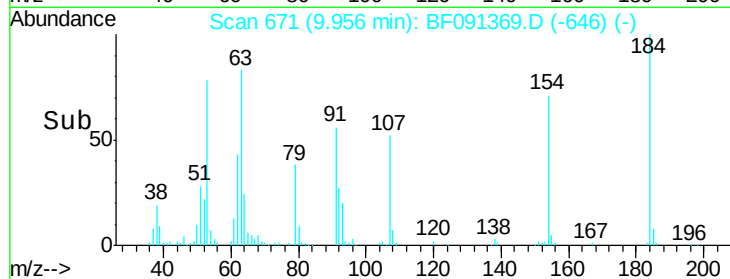
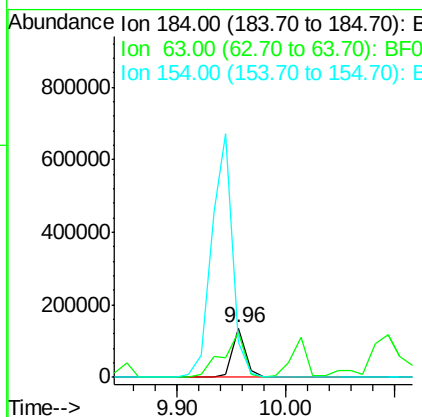
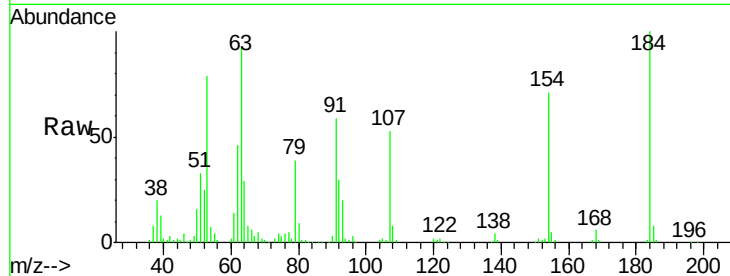
#53
2,4-Dinitrophenol
Concen: 47.16 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
184	100	115419		
63	92.6	58.3	87.5#	
154	70.6	48.6	73.0	

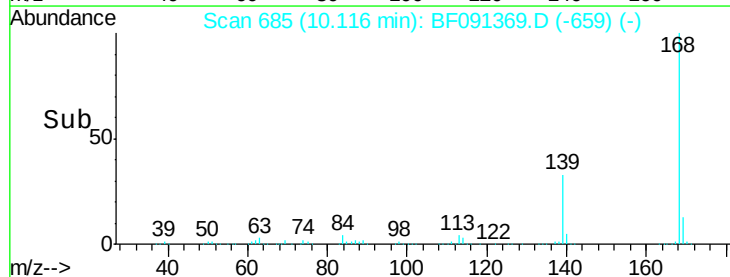
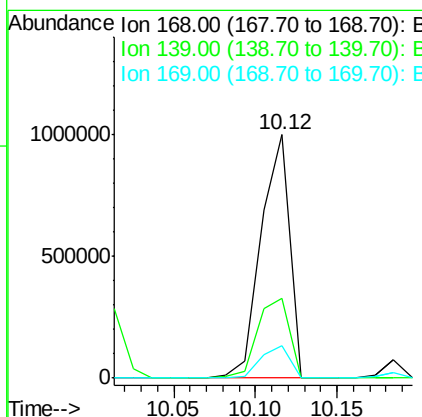
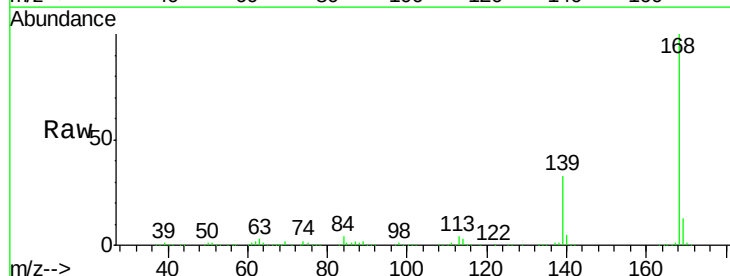
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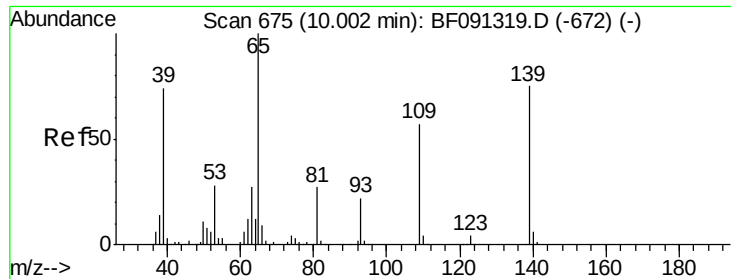
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#54
Dibenzofuran
Concen: 38.68 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1217574		
139	33.0	33.4	50.2#	
169	13.1	11.1	16.7	





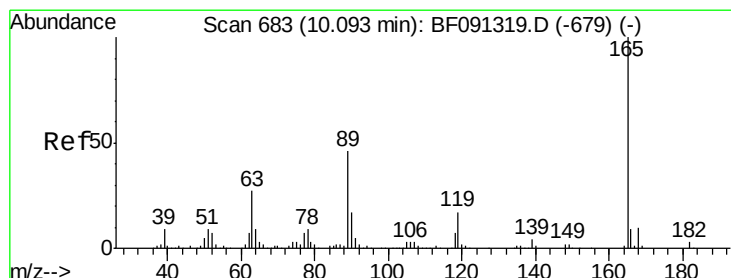
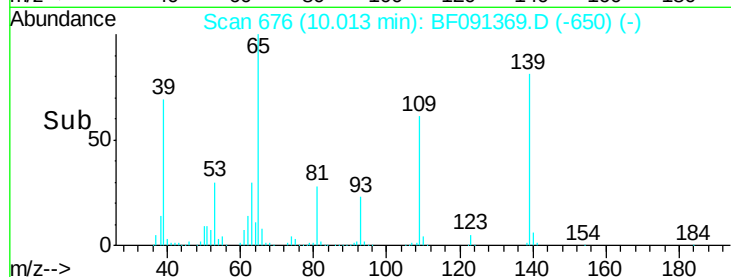
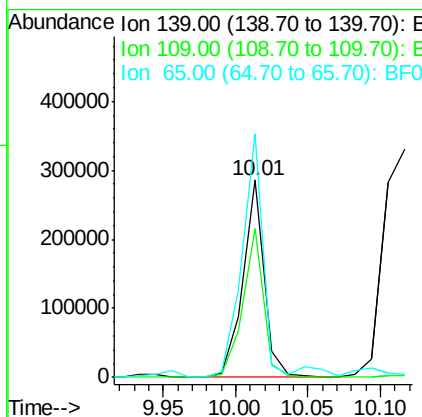
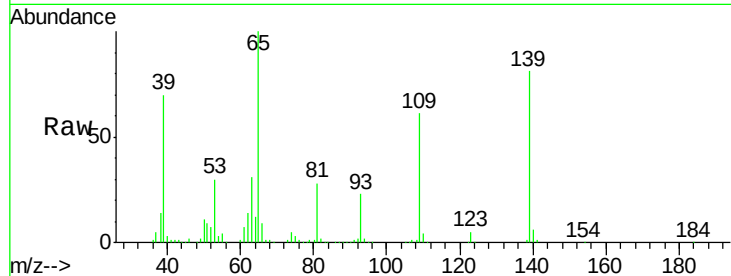
#55
4-Nitrophenol
Concen: 62.37 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.7	54.9	94.9	
65	123.5	102.2	142.2	

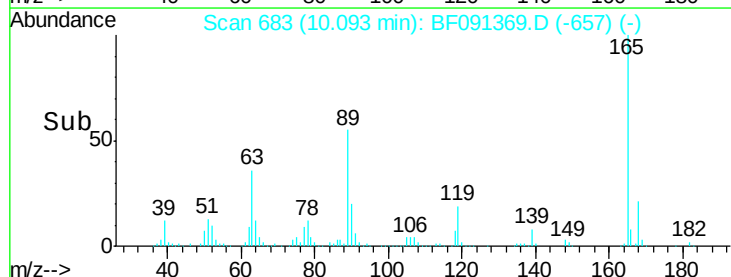
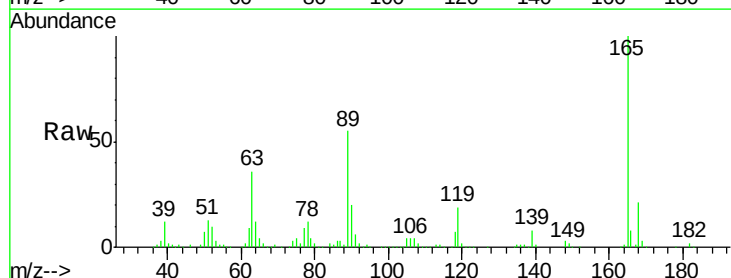
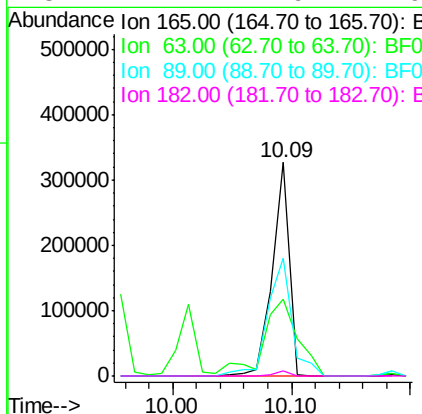
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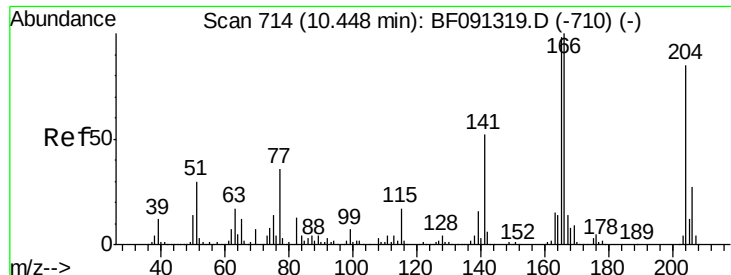
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#56
2,4-Dinitrotoluene
Concen: 45.01 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.7	29.0	43.4	
89	55.3	43.1	64.7	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 35.49 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

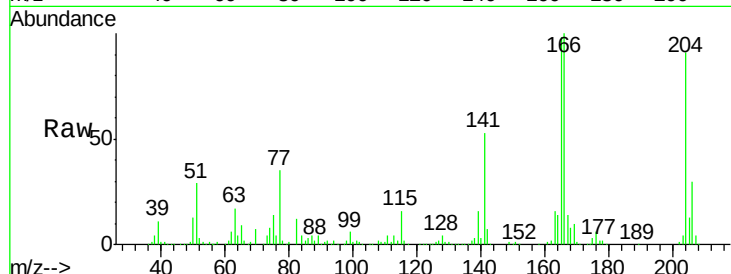
ClientSampleId :

PB94960BSD

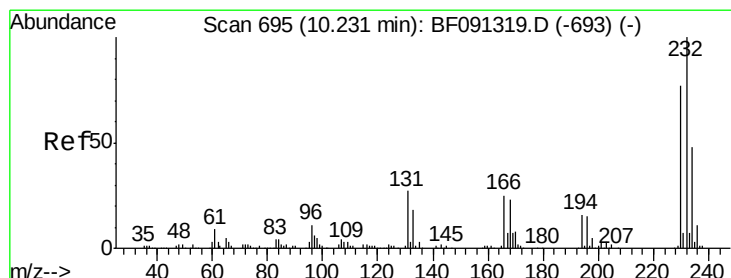
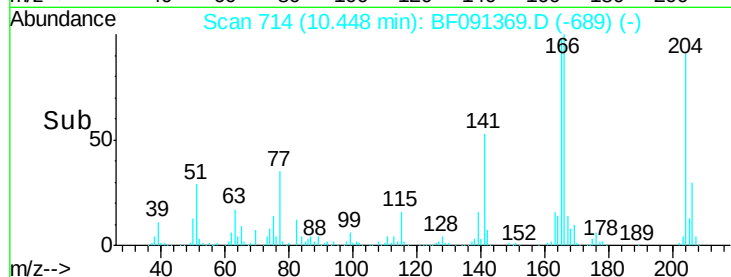
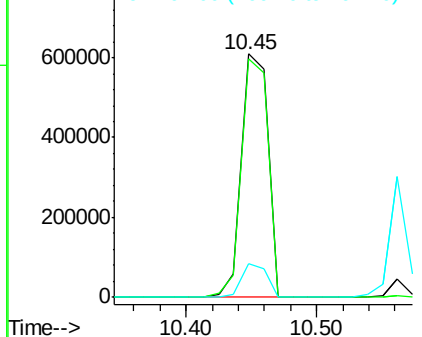
Tot Ion:	166	Resp:	857733
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.0	120.0
167	13.6	10.8	16.2

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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: 38.80 ng

RT: 10.23 min Scan# 695

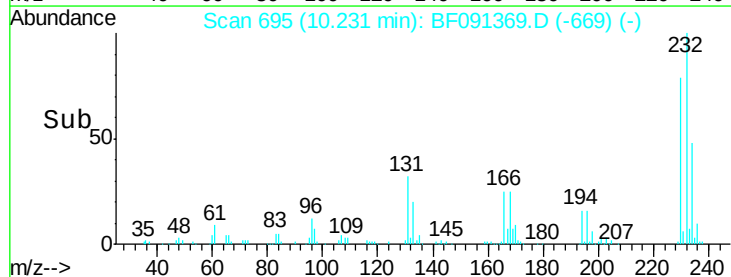
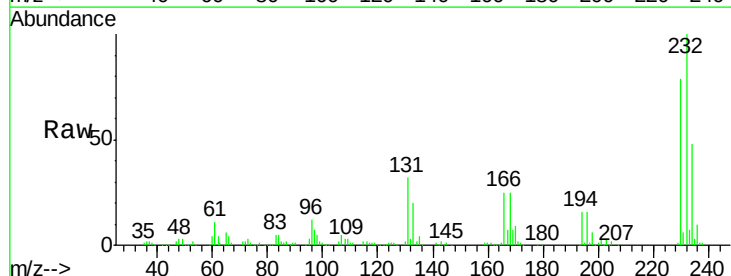
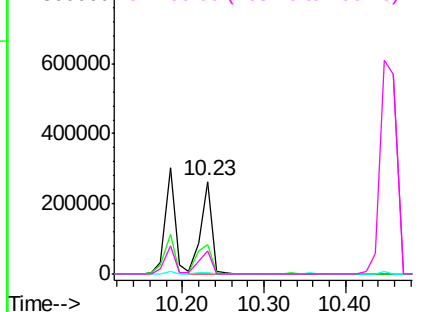
Delta R.T. -0.01 min

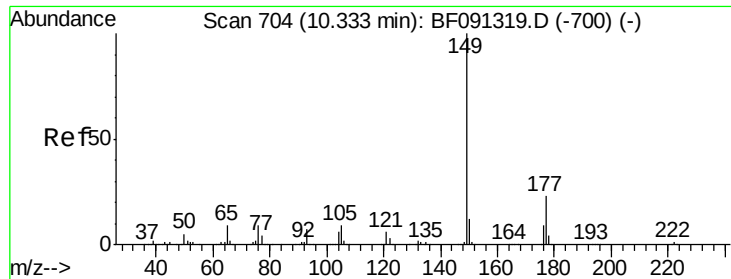
Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	232	Resp:	251585
Ion Ratio	Lower	Upper	
232	100		
131	42.2	38.4	57.6
130	1.9	1.8	2.8
166	29.4	23.9	35.9

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





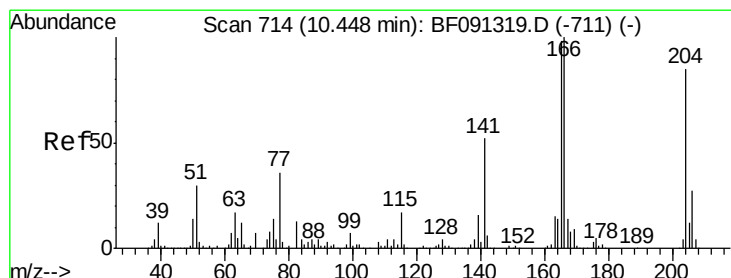
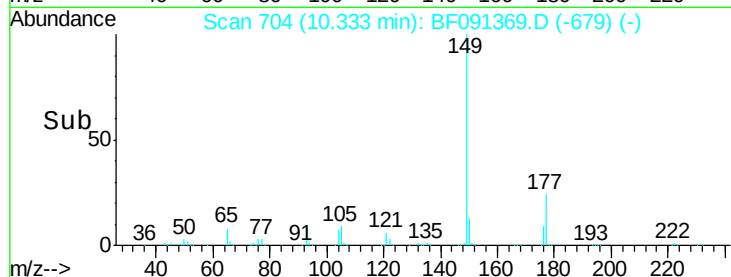
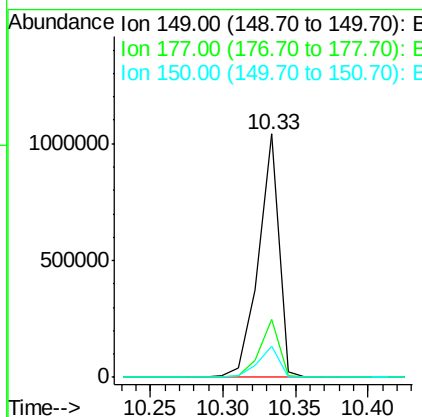
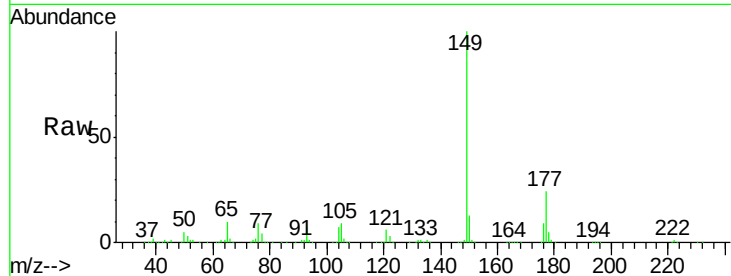
#59
Diethylphthalate
Concen: 41.16 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampled :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	15.7	23.5#
150	12.6	10.2	15.2

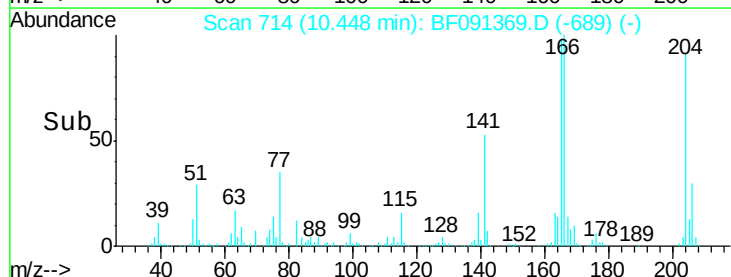
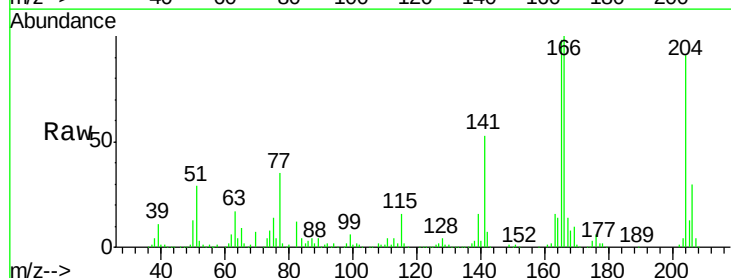
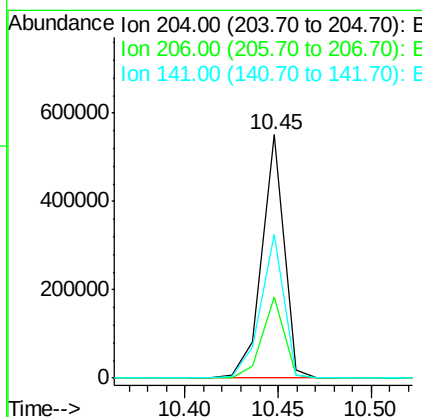
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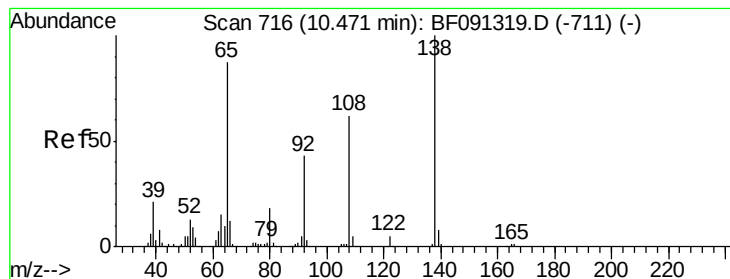
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#60
4-Chlorophenyl-phenylether
Concen: 37.36 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	58.9	40.6	61.0





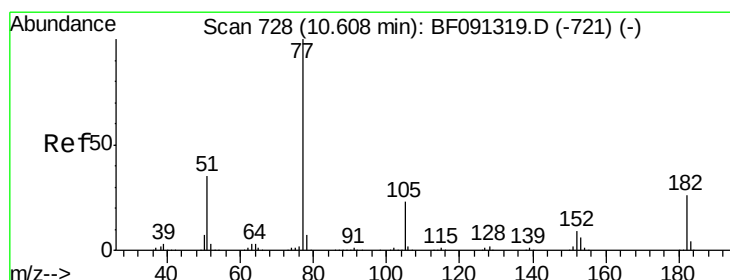
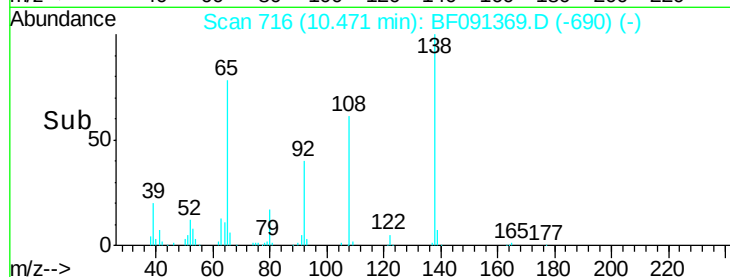
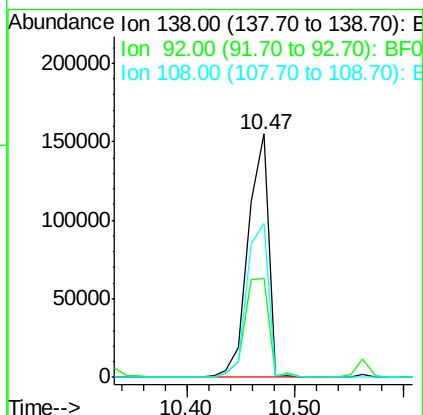
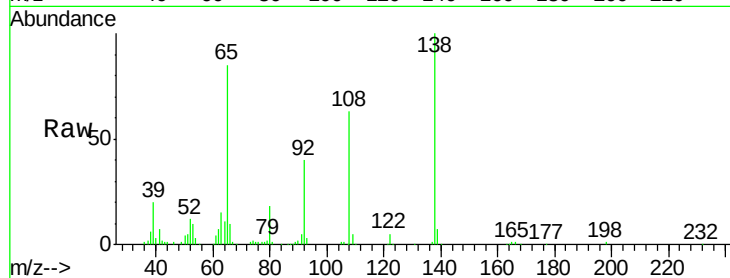
#61
4-Nitroaniline
Concen: 33.15 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.4	26.9	66.9
108	63.3	49.1	89.1

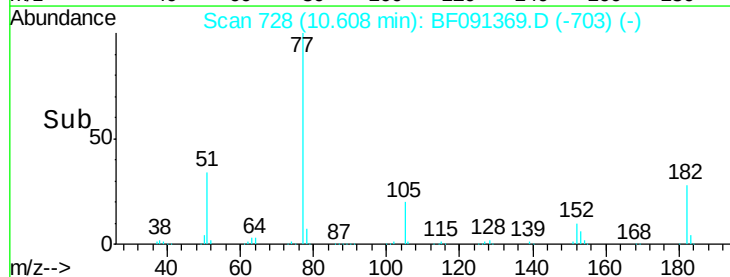
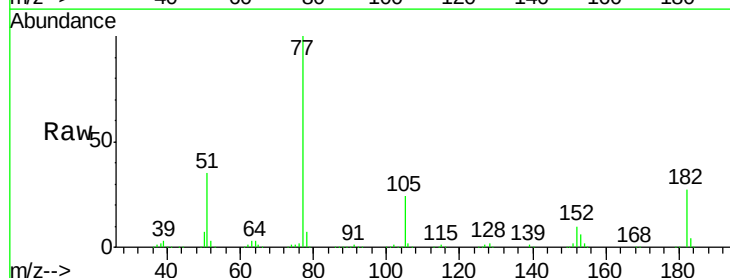
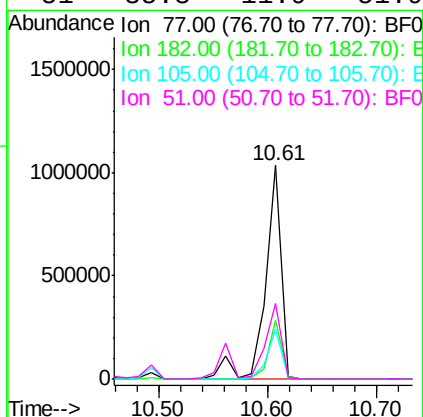
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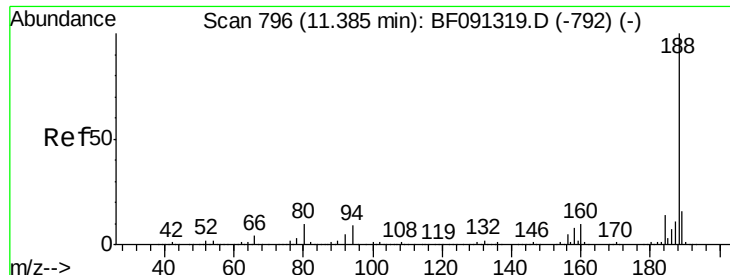
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#62
Azobenzene
Concen: 42.72 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	12.5	52.5
105	23.6	3.7	43.7
51	35.3	11.9	51.9





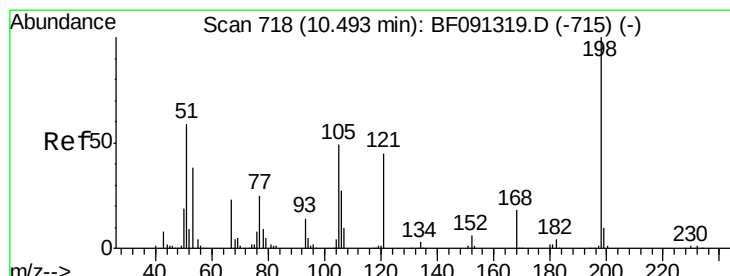
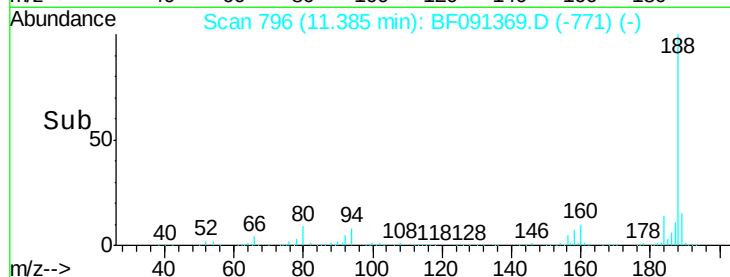
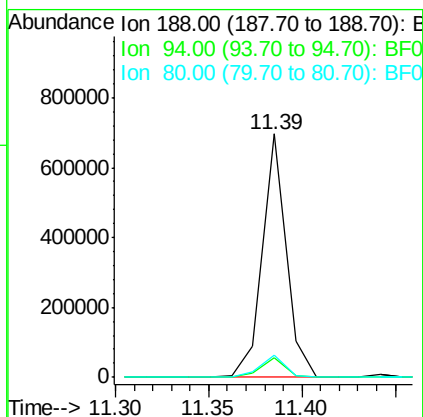
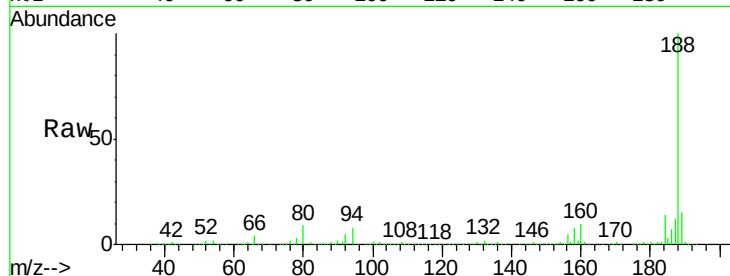
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.2	13.8#
80	9.0	10.5	15.7#

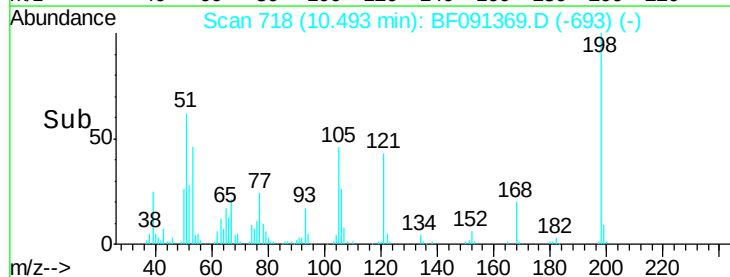
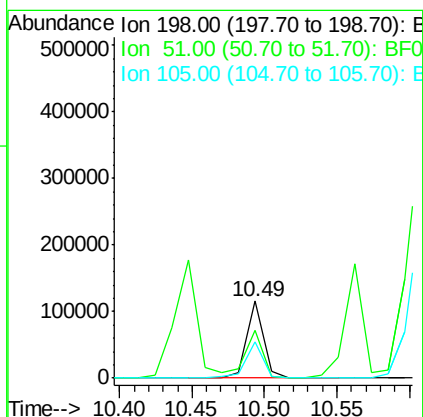
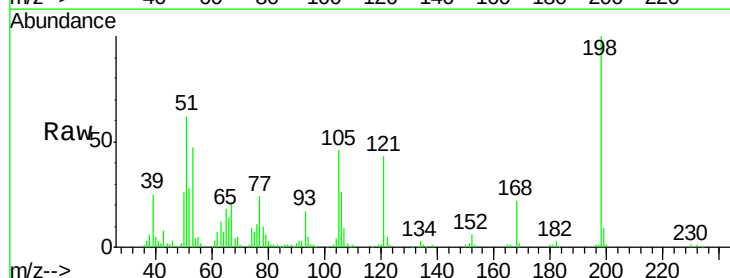
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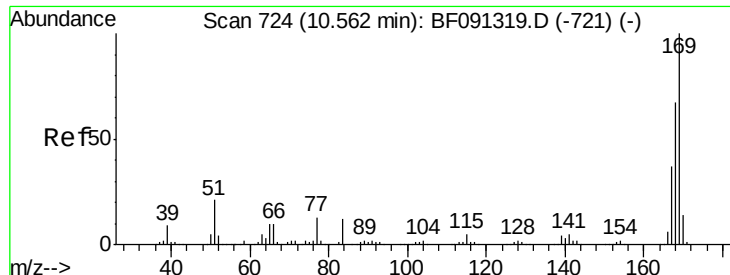
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.97 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.7	77.1	117.1#
105	46.2	44.8	84.8





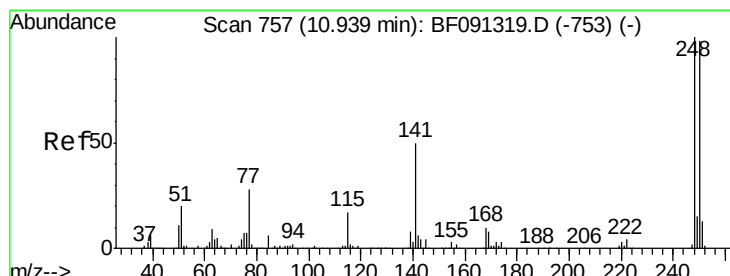
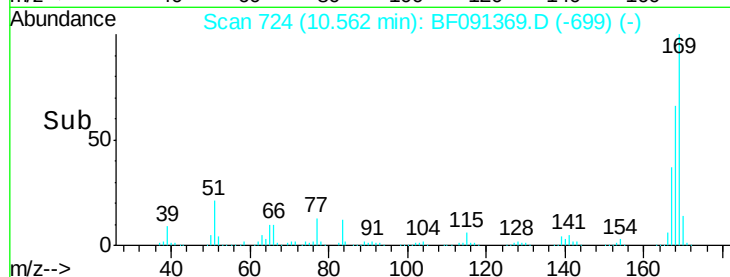
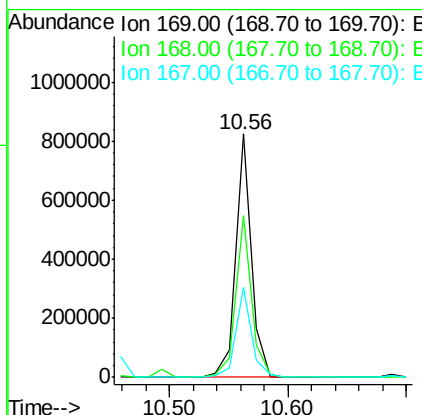
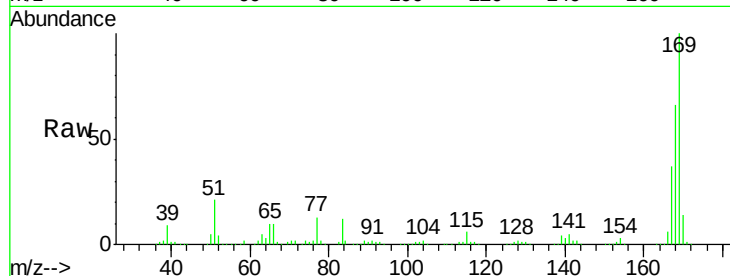
#65
n-Nitrosodiphenylamine
Concen: 40.86 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampled :
PB94960BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	758843		
168	66.4		53.8	80.8
167	36.8		29.8	44.8

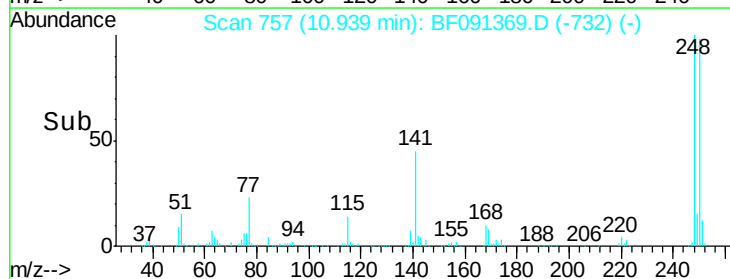
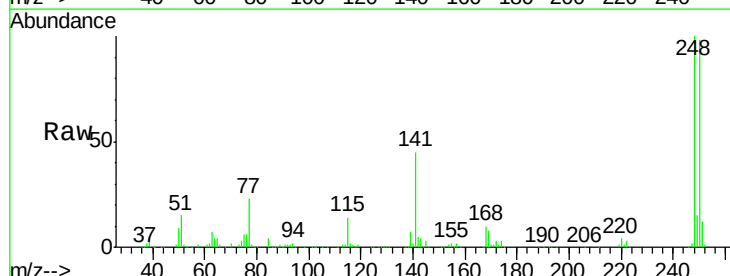
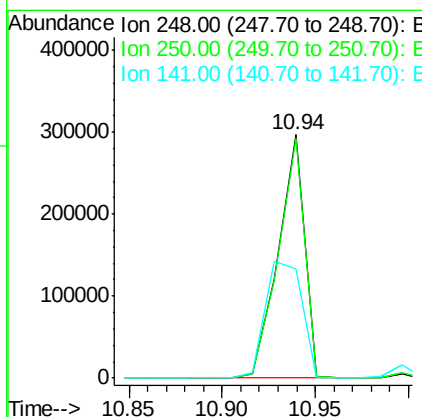
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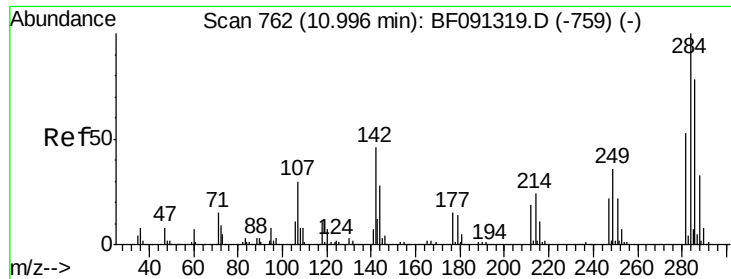
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#66
4-Bromophenyl-phenylether
Concen: 44.39 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	292290		
250	98.4		78.2	117.4
141	45.0		71.9	107.9#





#67

Hexachlorobenzene

Concen: 37.77 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

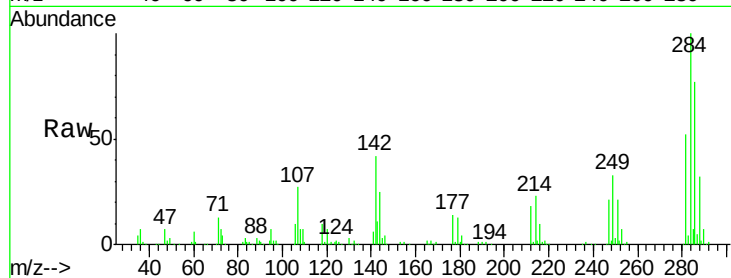
ClientSampleId :

PB94960BSD

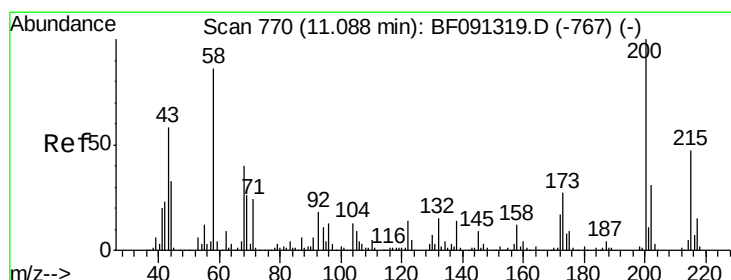
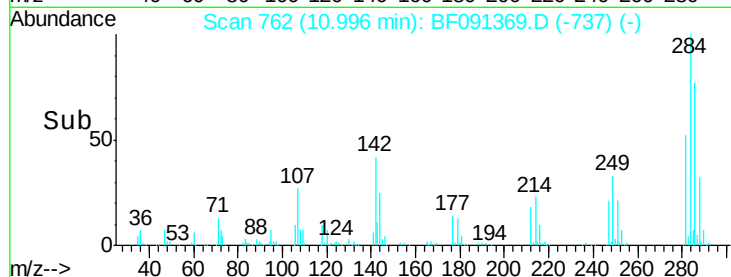
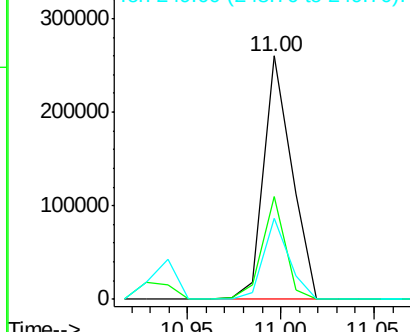
Tot Ion:	284	Resp:	268752
Ion Ratio	Lower	Upper	
284	100		
142	42.0	17.9	26.9#
249	33.2	23.6	35.4

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



#68

Atrazine

Concen: 39.92 ng

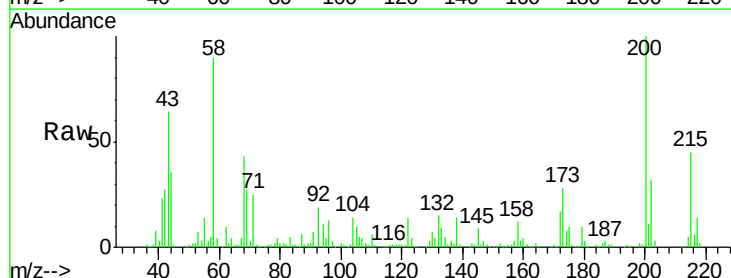
RT: 11.09 min Scan# 770

Delta R.T. -0.02 min

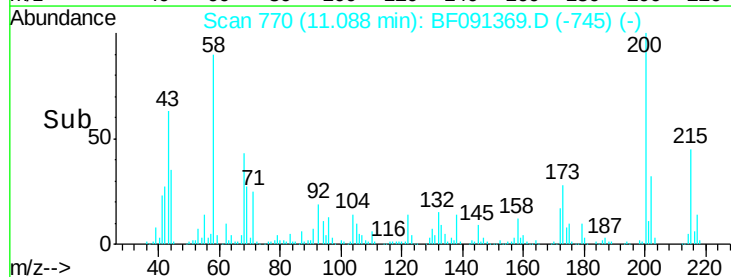
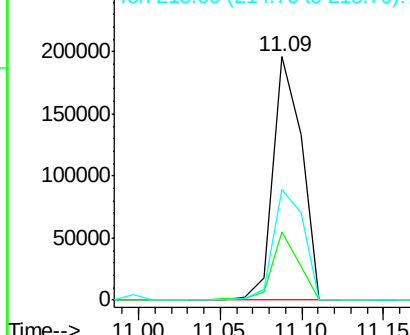
Lab File: BF091369.D

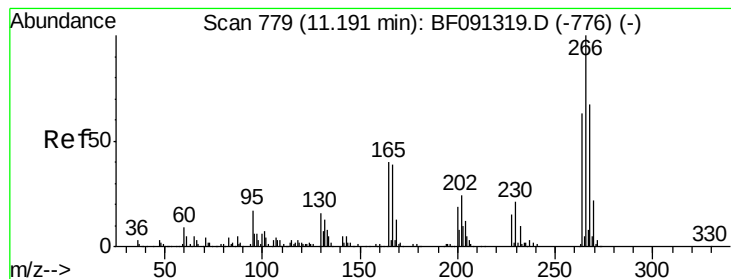
Acq: 30 Nov 2016 22:06

Tgt Ion:	200	Resp:	240119
Ion Ratio	Lower	Upper	
200	100		
173	27.9	7.8	47.8
215	45.5	24.3	64.3



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





#69

Pentachlorophenol

Concen: 69.26 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

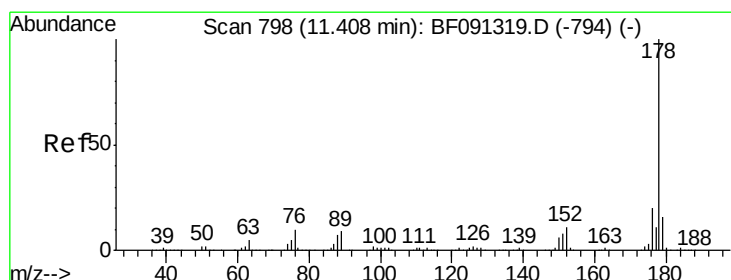
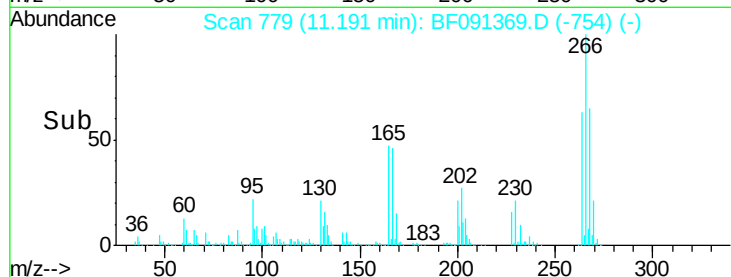
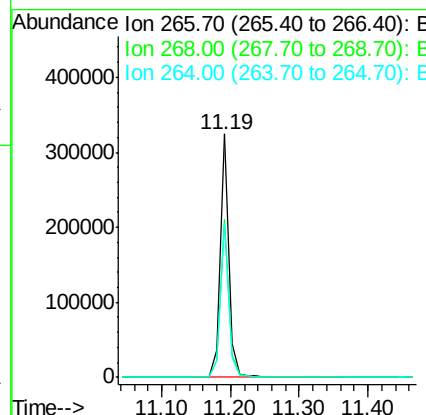
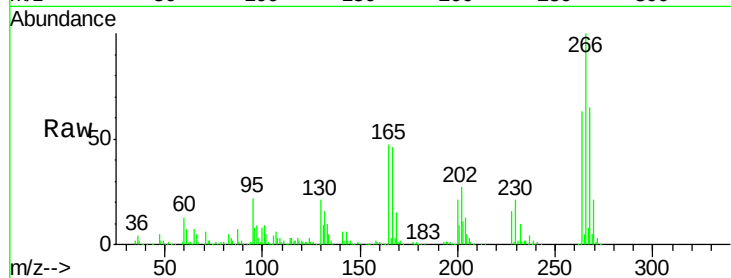
ClientSampled :

PB94960BSD

Tot Ion:	266	Resp:	290087
Ion Ratio		Lower	Upper
266	100		
268	65.1	50.3	75.5
264	63.4	48.2	72.2

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#70

Phenanthrene

Concen: 36.32 ng

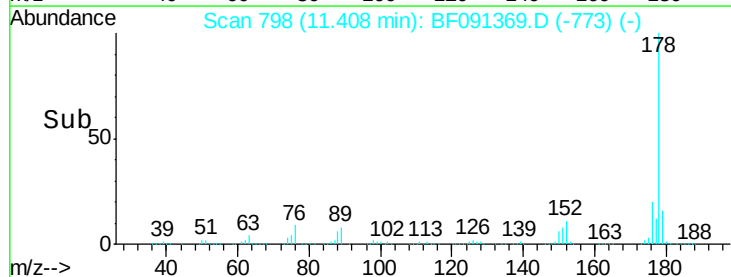
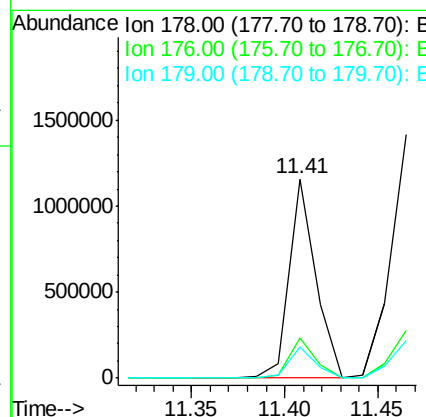
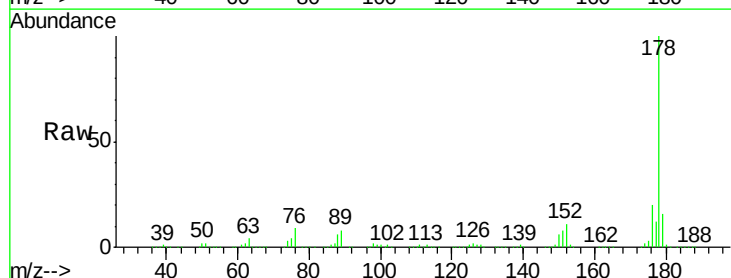
RT: 11.41 min Scan# 798

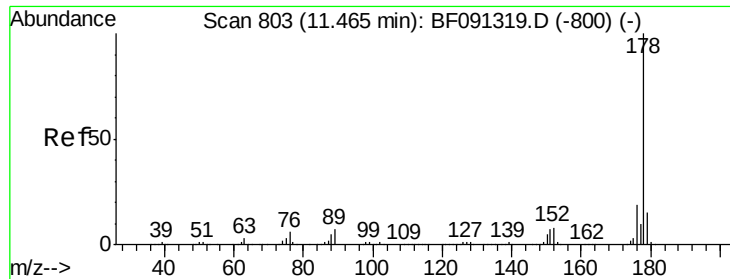
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	178	Resp:	1156217
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.8	12.6	18.8





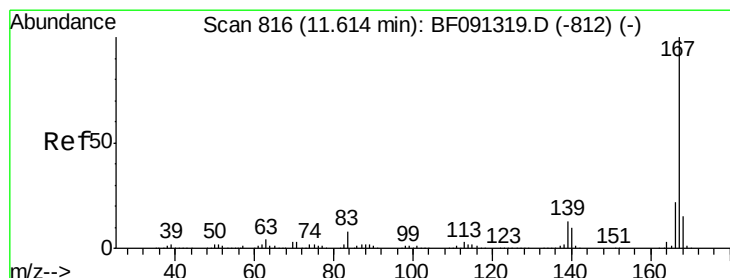
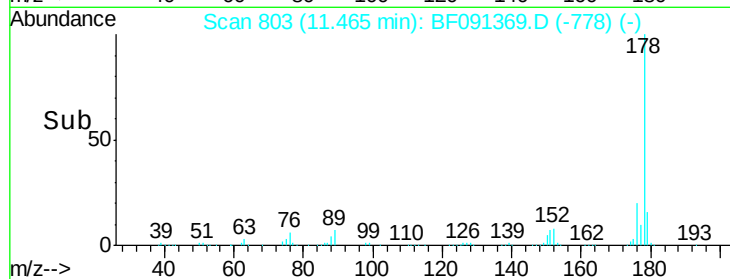
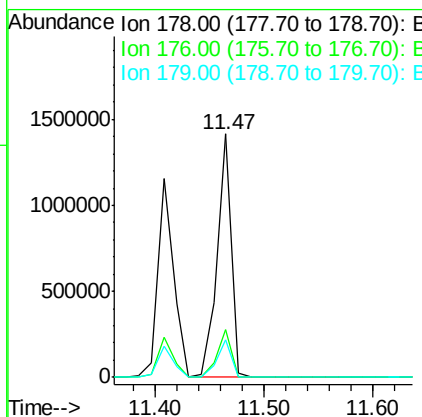
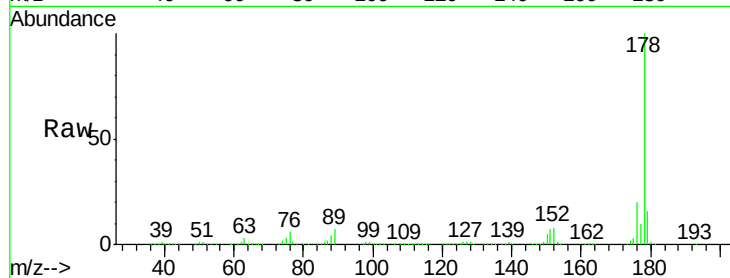
#71
 Anthracene
 Concen: 41.27 ng
 RT: 11.47 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion:178 Resp: 1303607
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.7 12.7 19.1

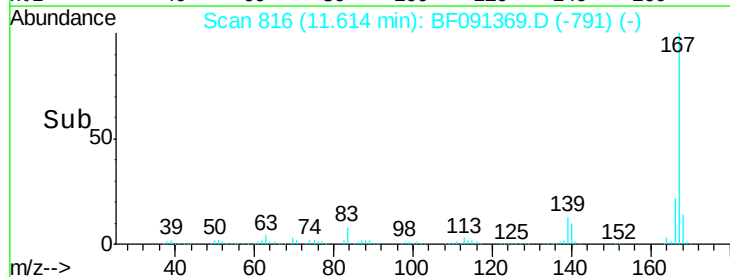
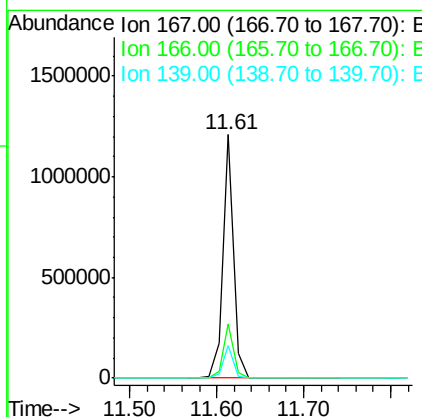
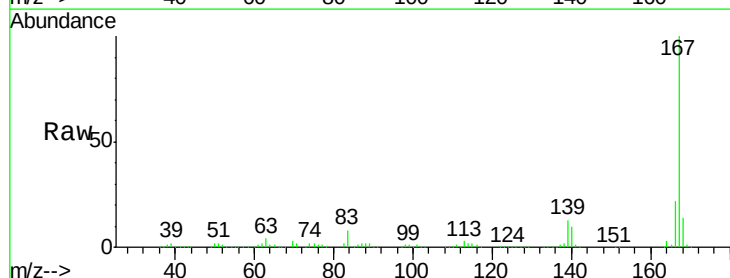
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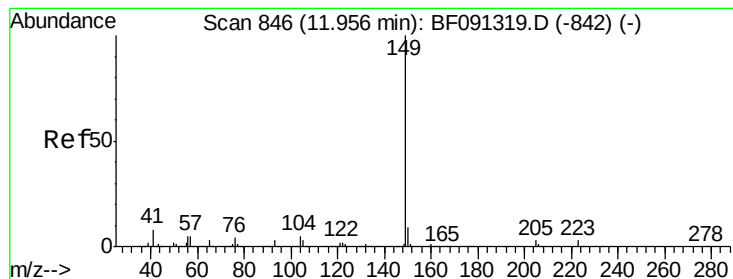
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#72
 Carbazole
 Concen: 36.36 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion:167 Resp: 1042225
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 44.80 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB94960BSD

Tot Ion:149 Resp: 1455588

Ion Ratio Lower Upper

149 100

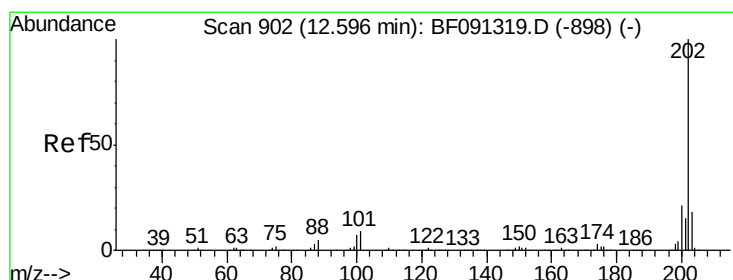
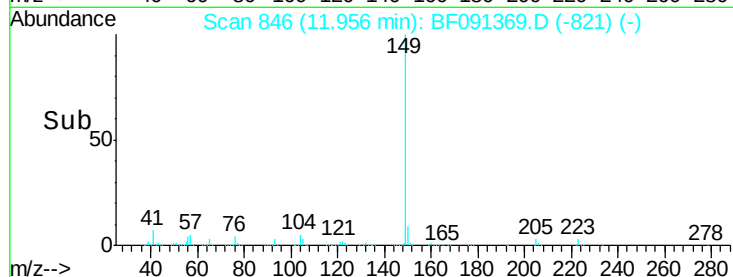
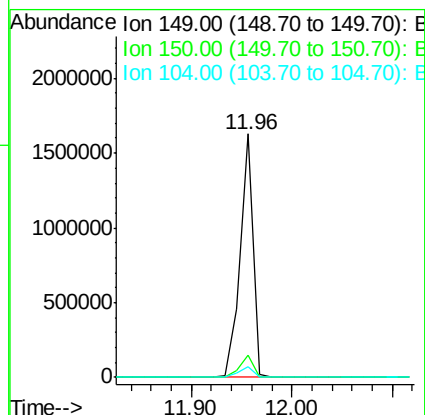
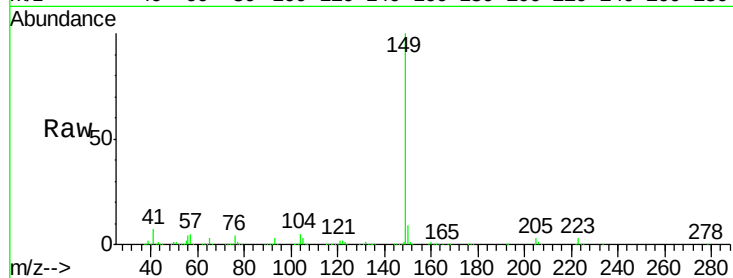
150 9.4 7.5 11.3

104 4.6 4.0 6.0

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#74

Fluoranthene

Concen: 38.42 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

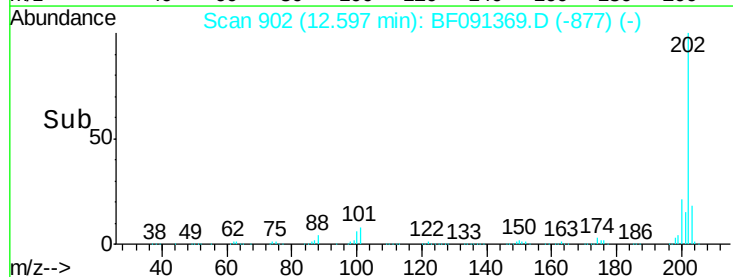
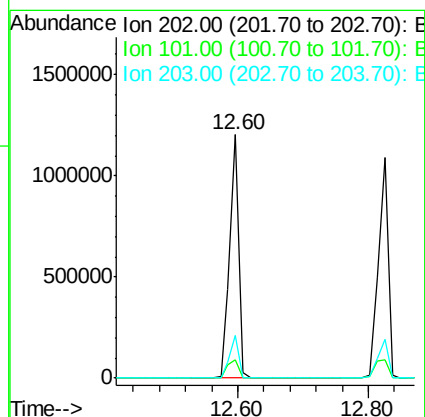
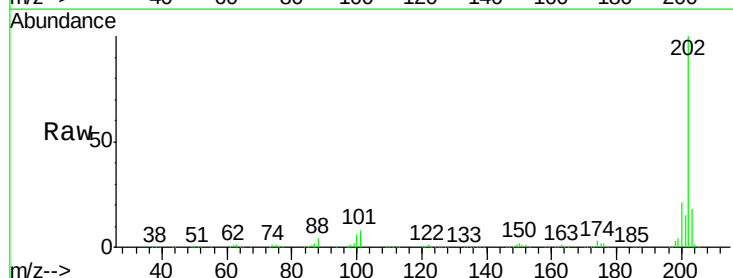
Tgt Ion:202 Resp: 1158293

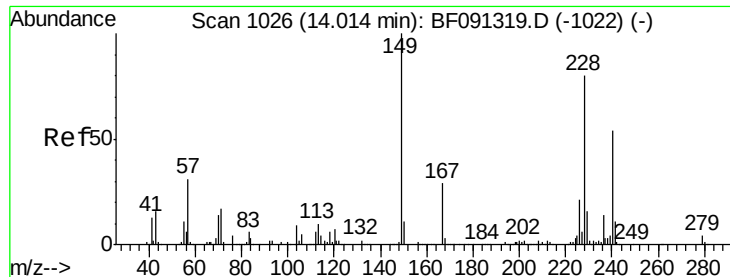
Ion Ratio Lower Upper

202 100

101 7.6 0.0 29.5

203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

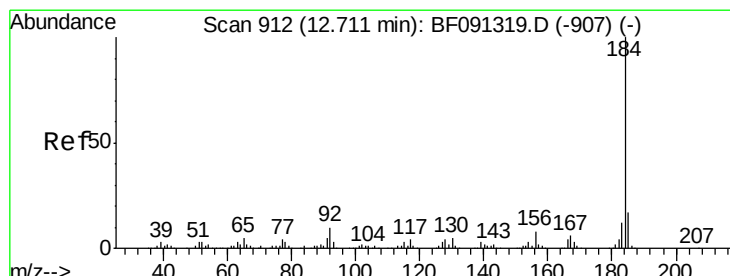
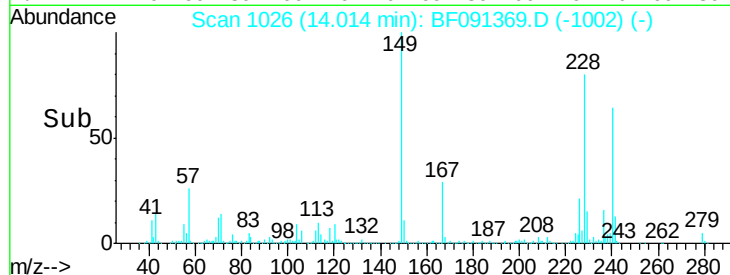
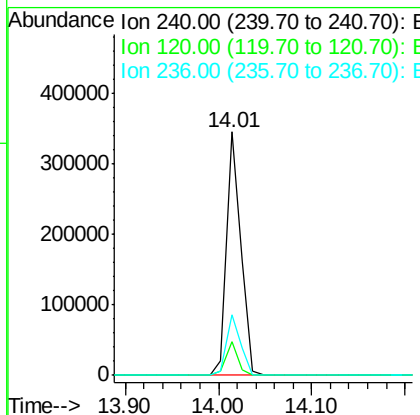
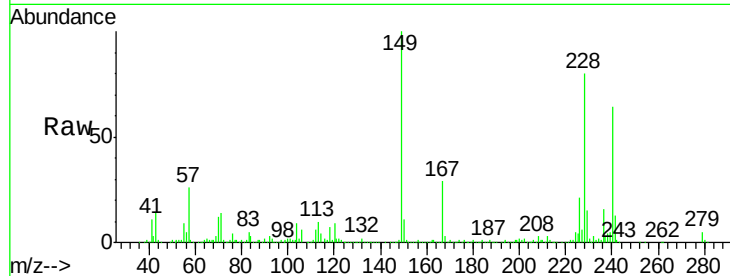
ClientSampleId :

PB94960BSD

Tot Ion:	240	Resp:	368923
Ion Ratio	Lower	Upper	
240	100		
120	13.9	12.1	18.1
236	25.1	21.0	31.6

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#76

Benzidine

Concen: 40.15 ng

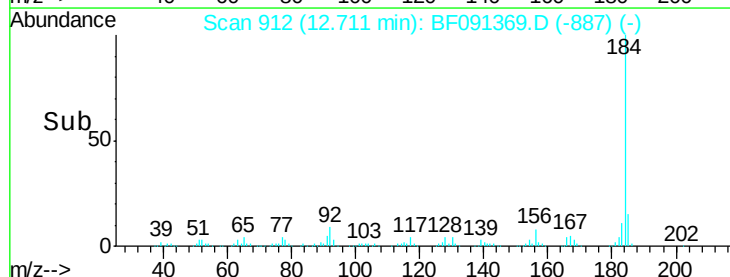
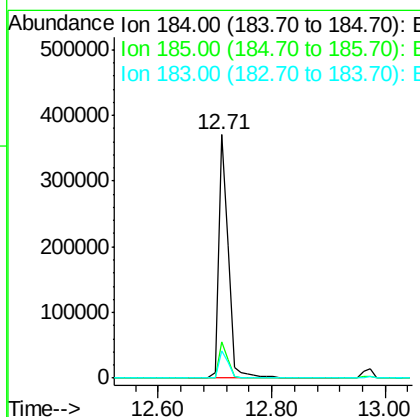
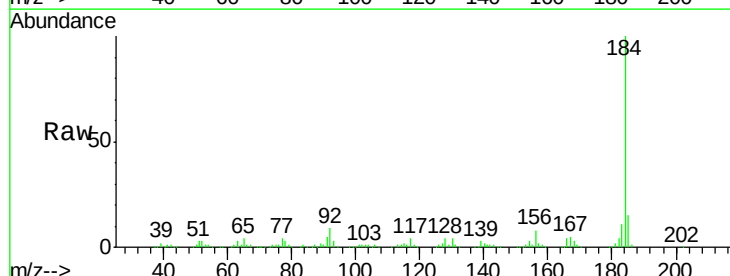
RT: 12.71 min Scan# 912

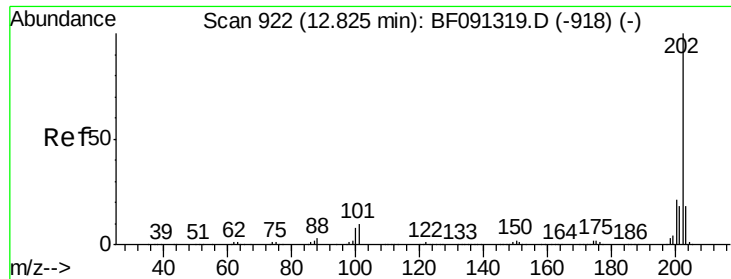
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	184	Resp:	434805
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.1	19.7
183	11.4	8.9	13.3





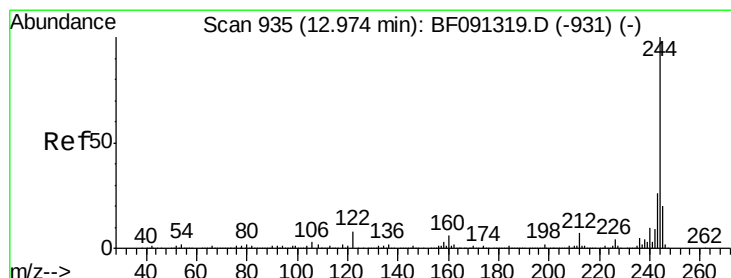
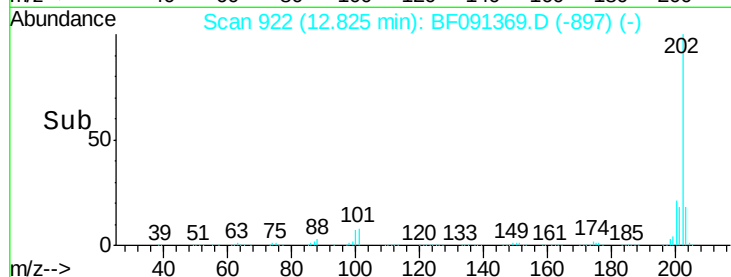
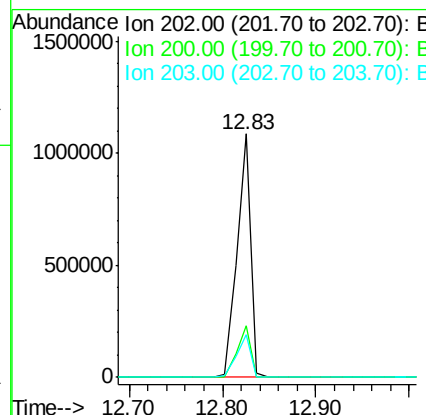
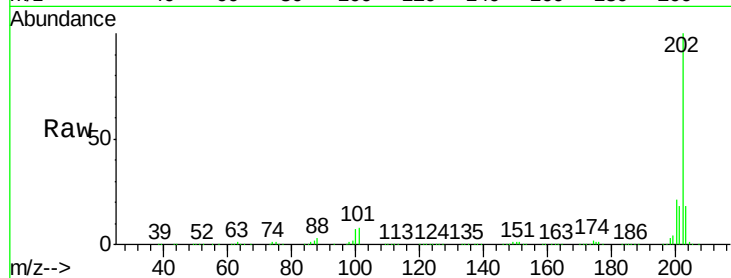
#77
Pvrene
Concen: 39.83 ng
RT: 12.83 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.7	14.0	21.0

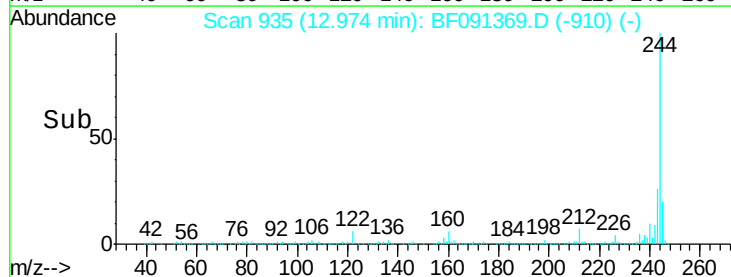
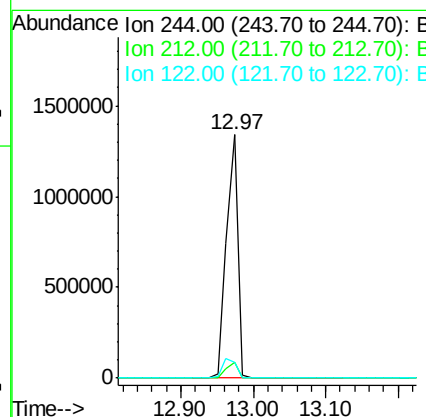
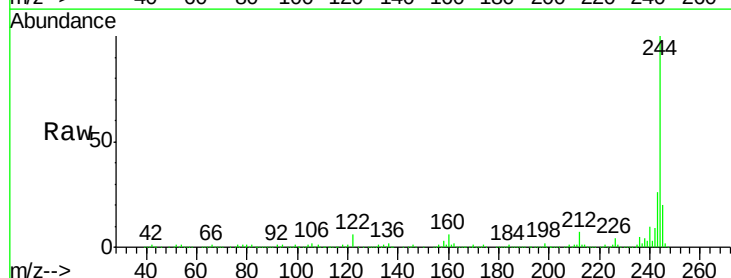
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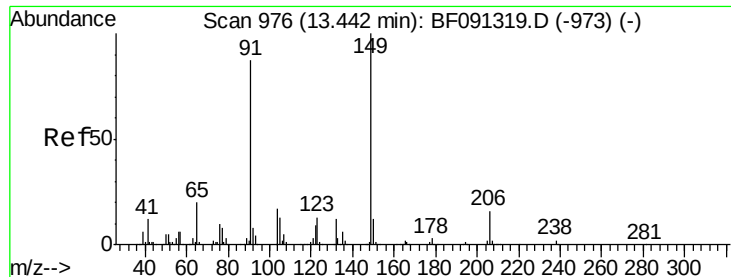
sohil
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#78
Terphenyl-d14
Concen: 86.15 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	6.2	9.5	14.3#





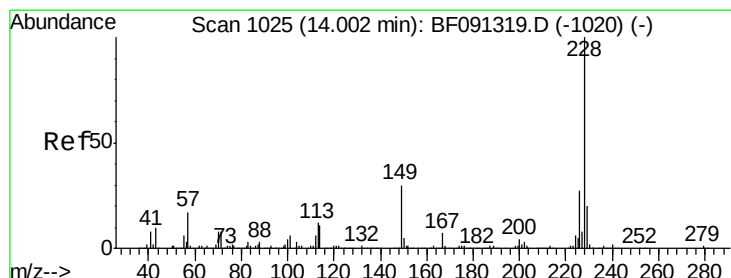
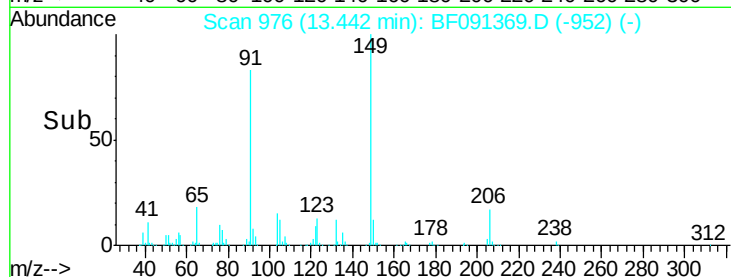
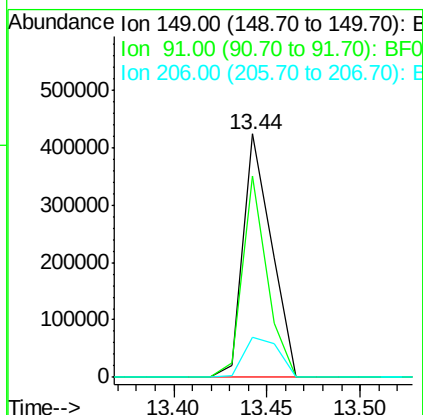
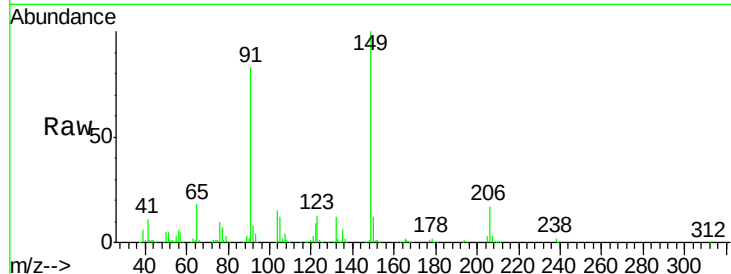
#79
Butylbenzylphthalate
Concen: 42.77 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.9	57.4	86.2
206	16.7	15.4	23.2

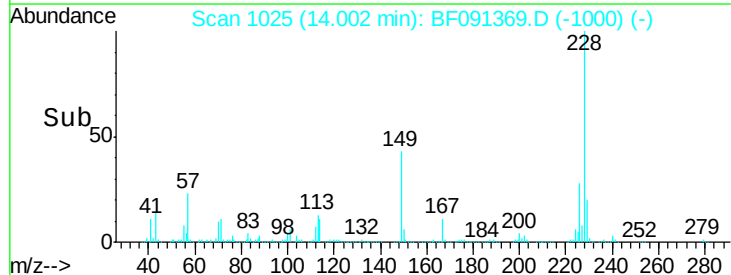
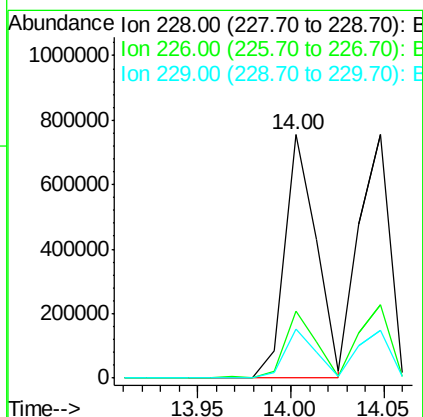
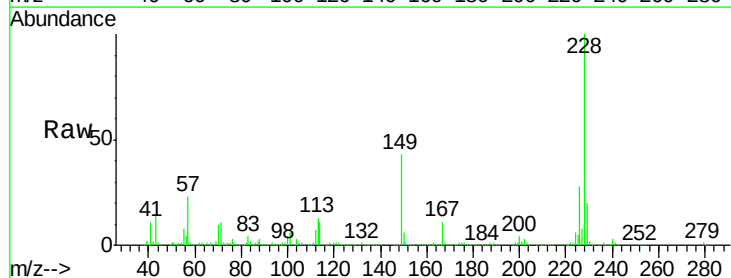
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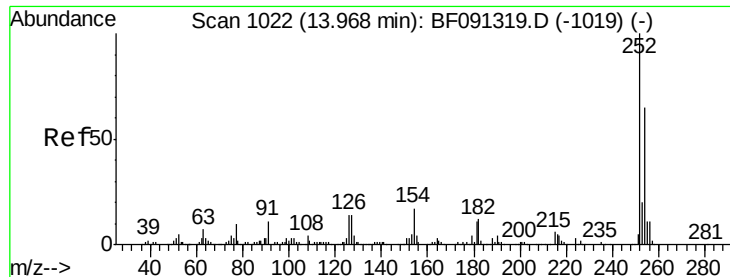
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#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	20.5	16.4	24.6





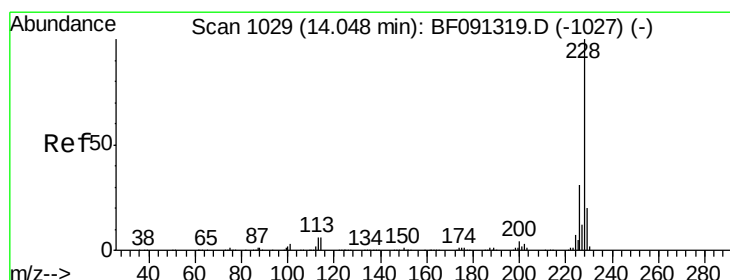
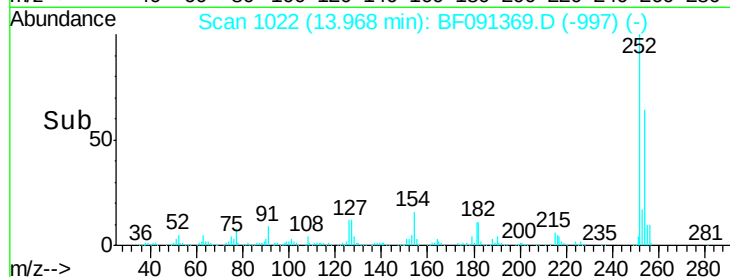
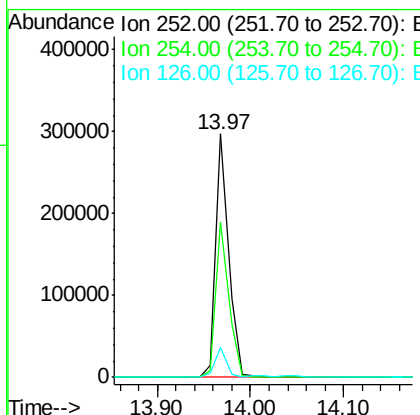
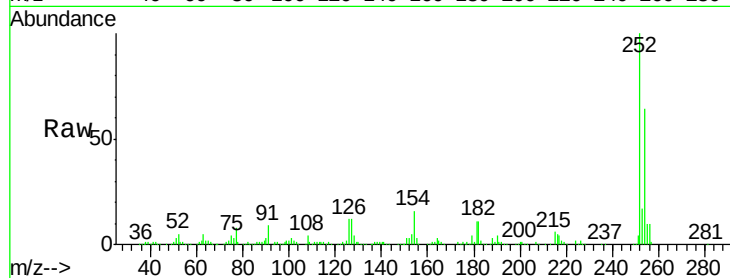
#81
 3,3'-Dichlorobenzidine
 Concen: 37.71 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	52.1	78.1
126	12.3	7.5	11.3

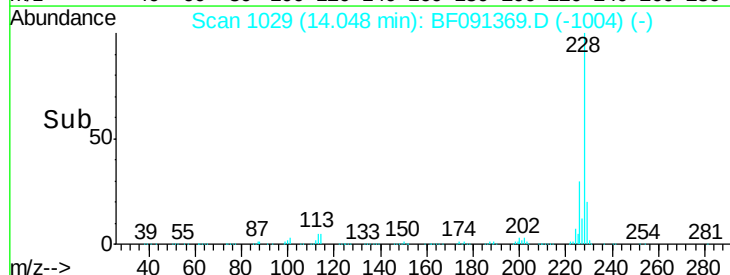
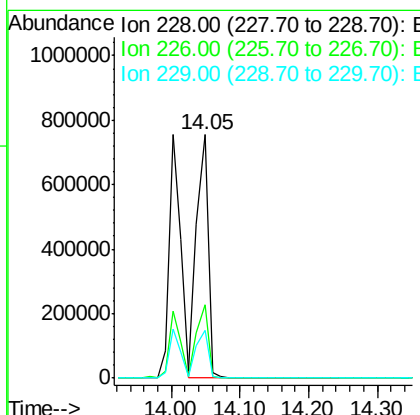
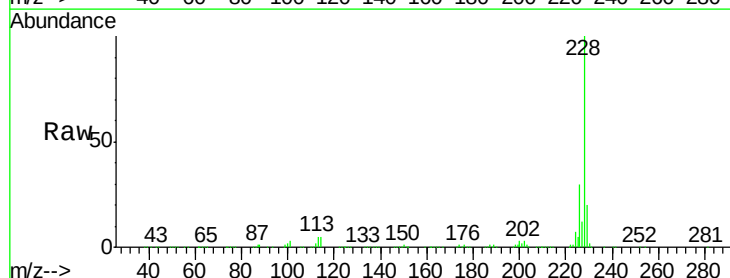
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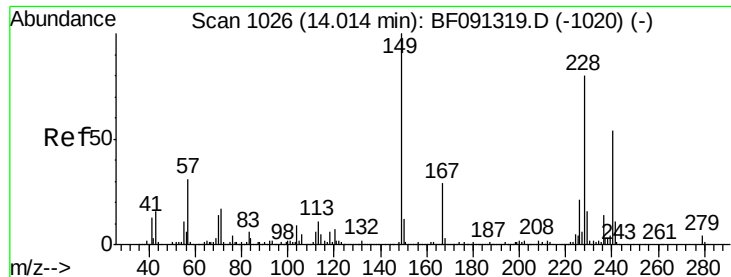
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#82
 Chrysene
 Concen: 40.72 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	25.0	37.4
229	19.6	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.51 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Instrument :

BNA_F

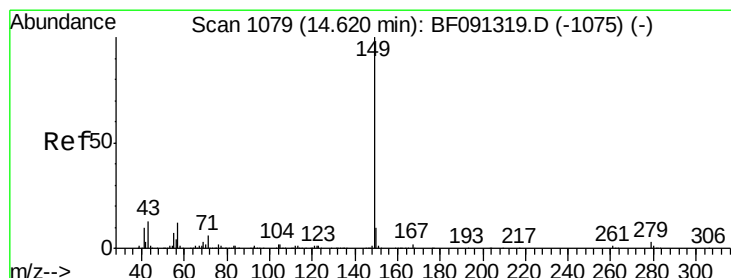
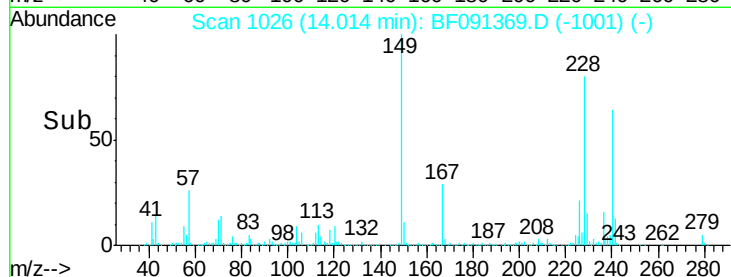
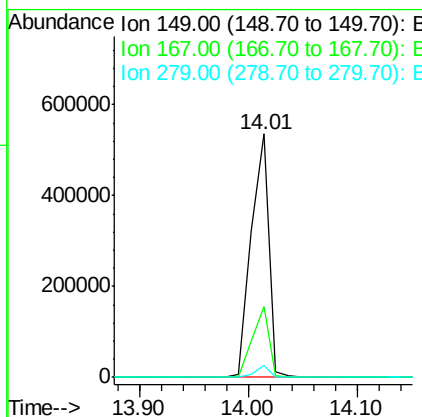
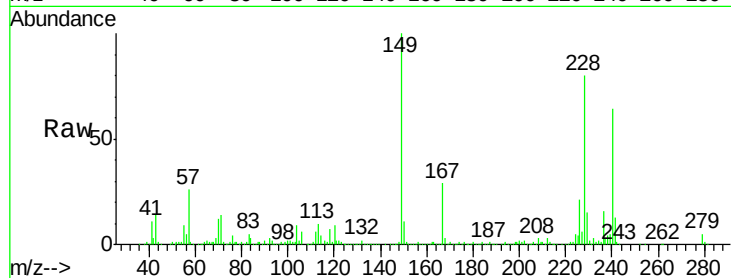
ClientSampleId :

PB94960BSD

Tot Ion:	149	Resp:	604780
Ion Ratio	Lower	Upper	
149	100		
167	29.3	19.6	29.4
279	4.7	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 52.53 ng

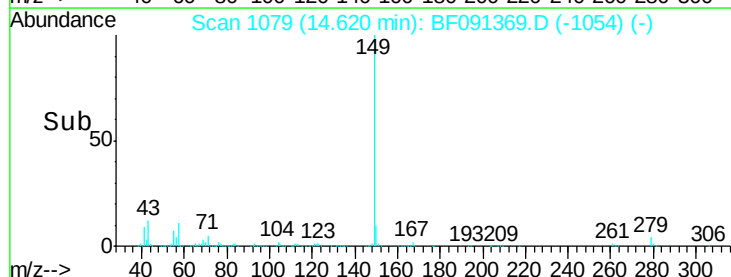
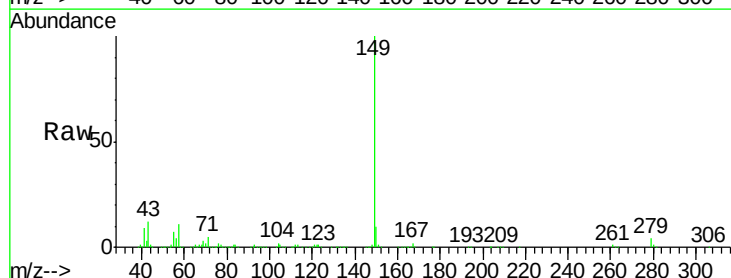
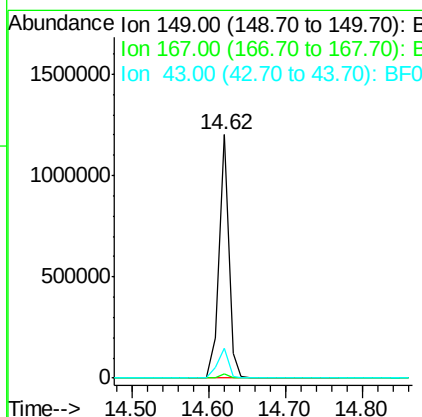
RT: 14.62 min Scan# 1079

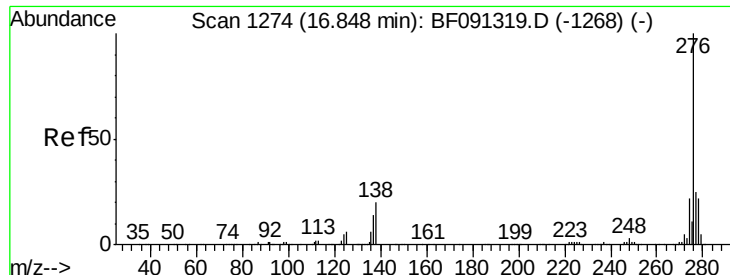
Delta R.T. -0.02 min

Lab File: BF091369.D

Acq: 30 Nov 2016 22:06

Tgt Ion:	149	Resp:	1056232
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.2	11.9	17.9





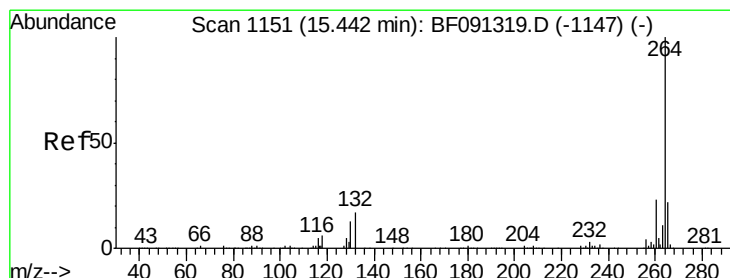
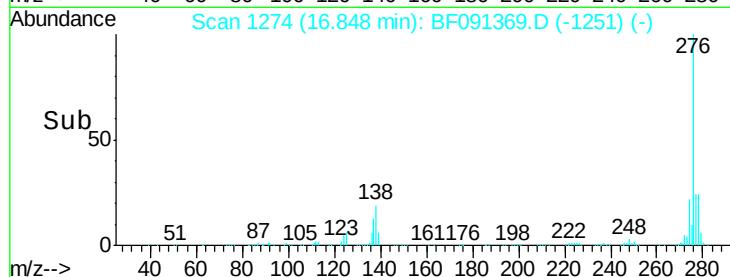
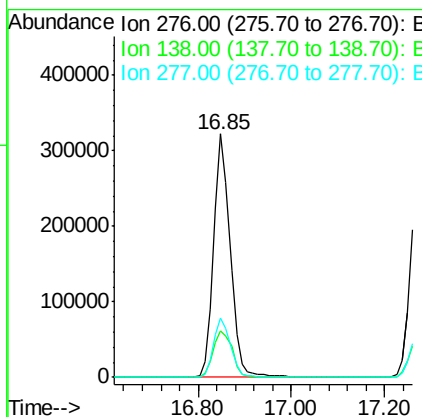
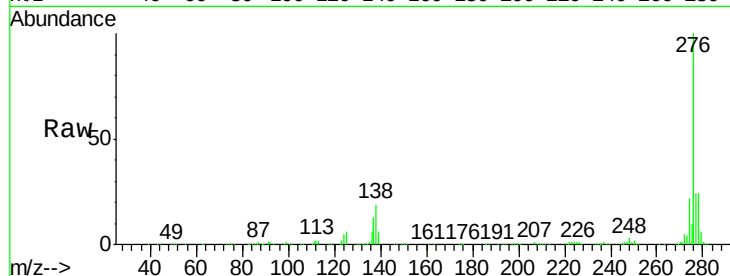
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.04 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.0	31.4
277	25.0	20.2	30.2

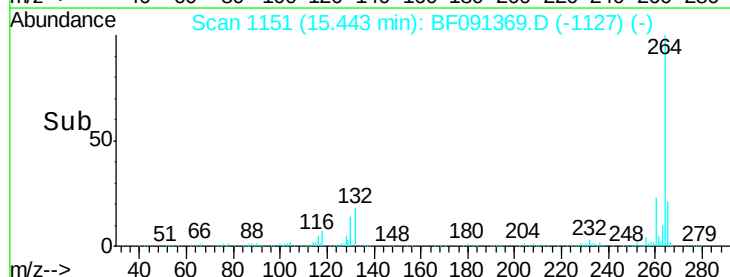
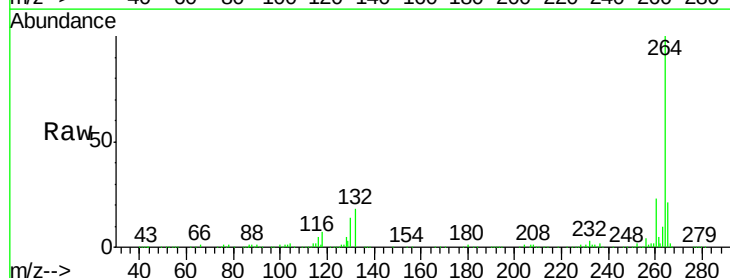
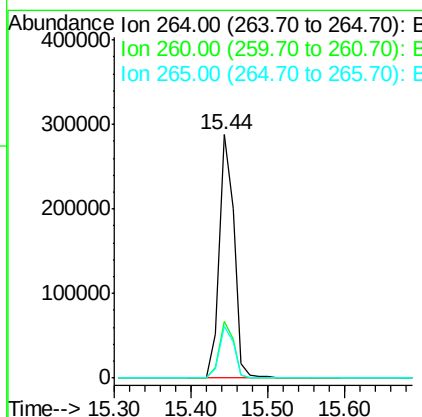
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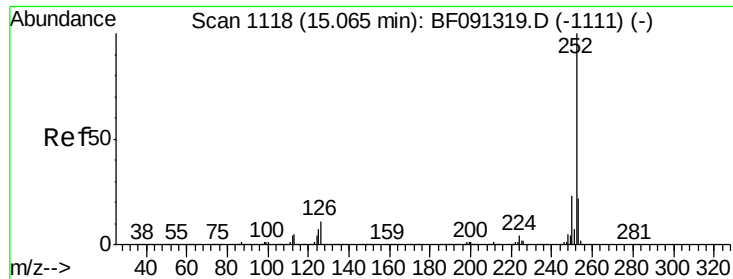
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.3	17.0	25.6





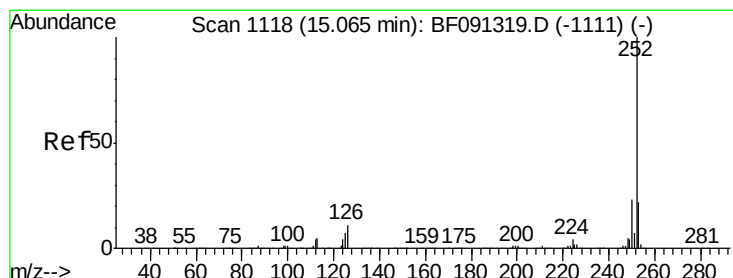
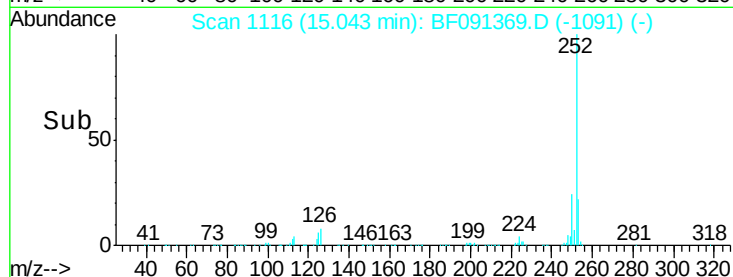
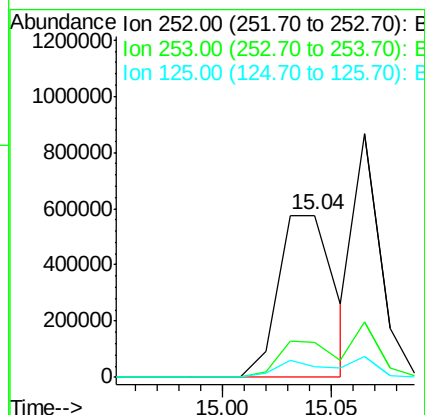
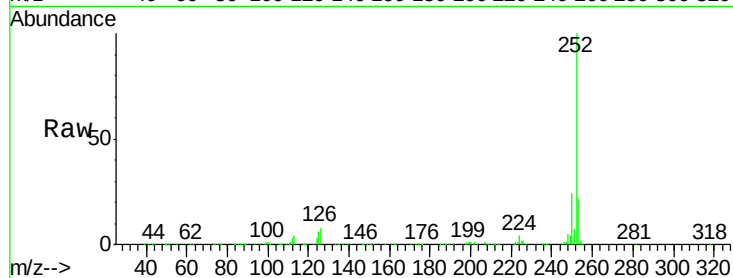
#87
Benzo(b)fluoranthene
Concen: 42.73 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	6.4	8.6	13.0#

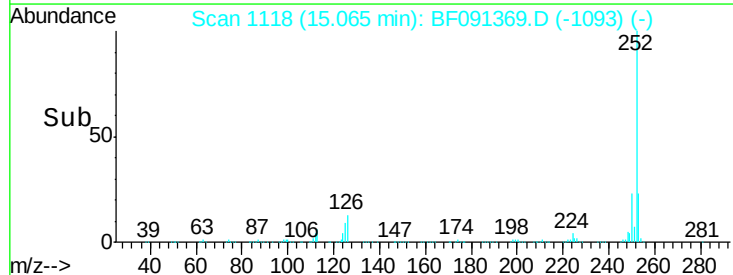
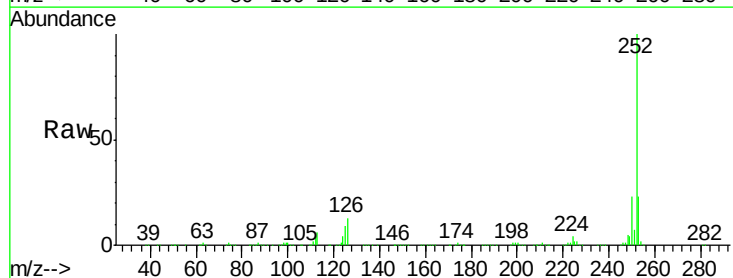
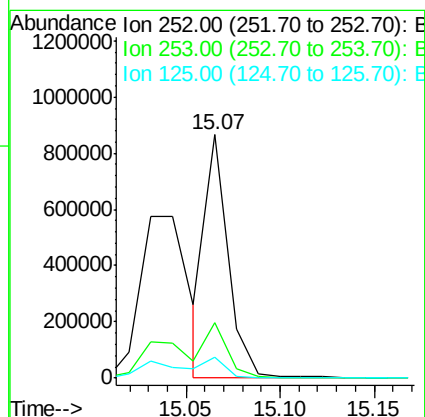
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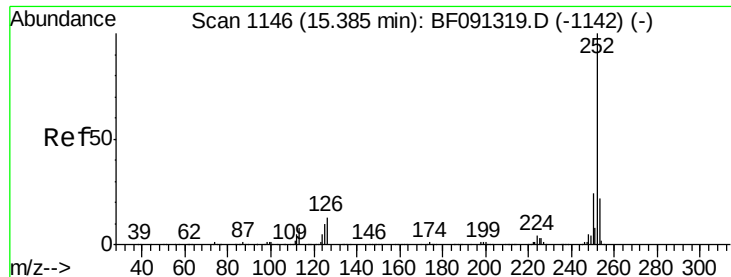
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#88
Benzo(k)fluoranthene
Concen: 36.23 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.8	9.6	14.4#





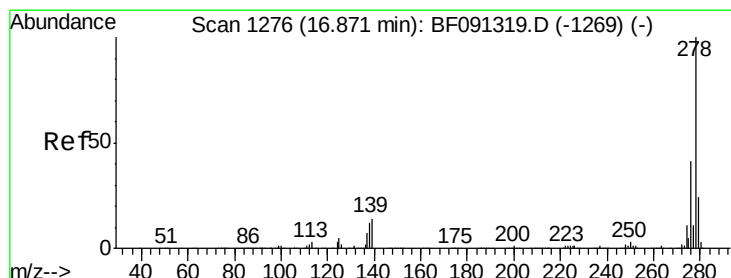
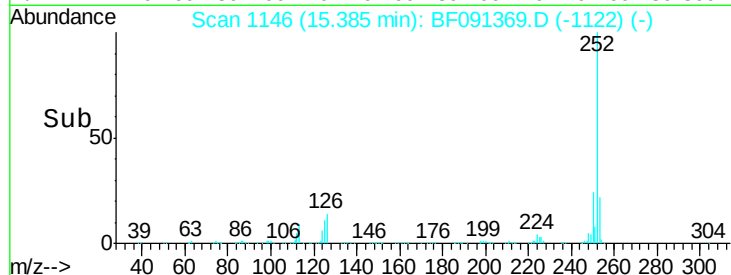
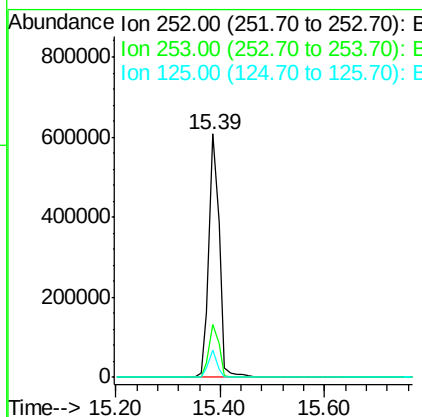
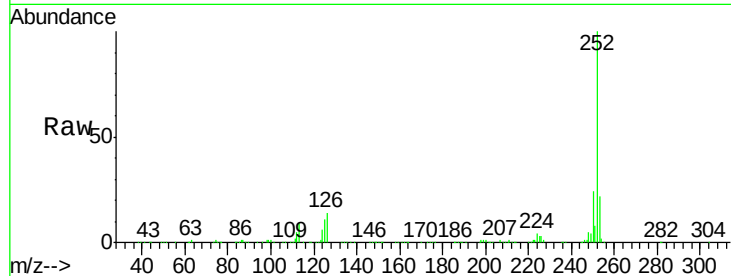
#89
Benzo(a)pyrene
Concen: 38.59 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.1	10.4	15.6

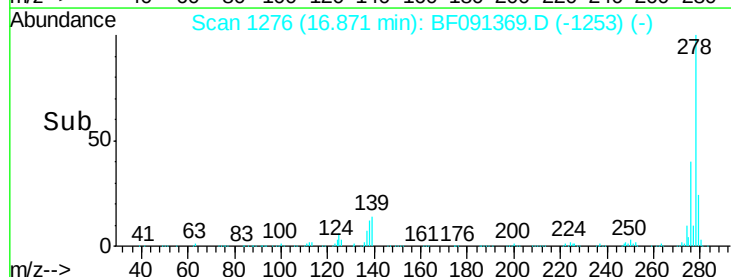
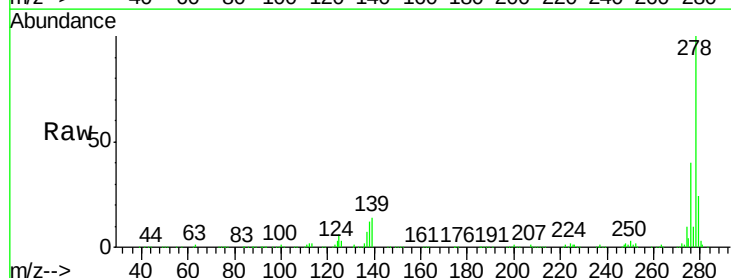
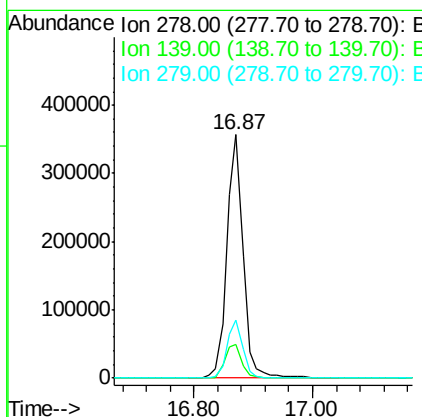
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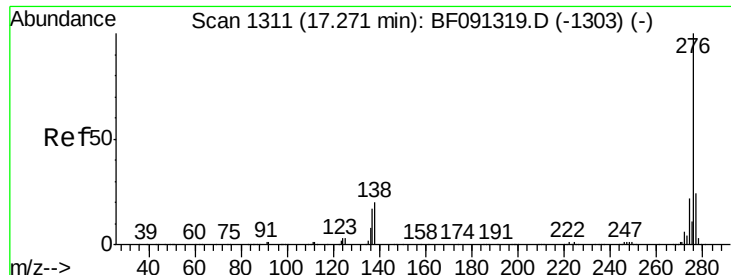
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#90
Dibenzo(a,h)anthracene
Concen: 33.55 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091369.D
Acq: 30 Nov 2016 22:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.1	22.7#
279	23.9	19.0	28.6





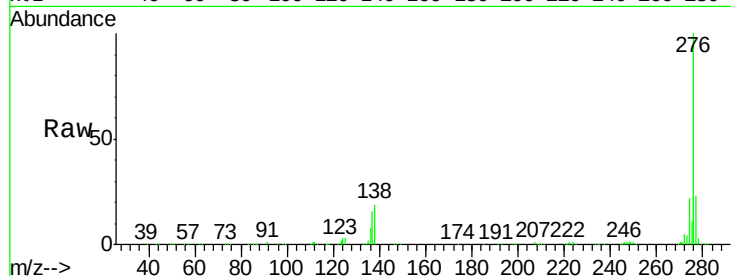
#91
 Benzo(a,h,i)perylene
 Concen: 30.35 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091369.D
 Acq: 30 Nov 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BSD

Tot Ion:	276	Resp:	629644
Ion Ratio		Lower	Upper
276	100		
277	23.0	19.0	28.4
138	18.5	15.4	23.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

