

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091373.D
 Acq On : 1 Dec 2016 15:25
 Operator : UM/SJ
 Sample : PB94983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Manual Integrations
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 12/2/2016 4:20:40 PM

Quant Time: Dec 02 00:03:37 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	195064	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	817715	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	450124	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	785197	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	529295	20.00	ng	-0.02
86) Perylene-d12	15.44	264	480507	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1430434	119.80	ng	0.00
7) Phenol-d6	6.49	99	1603977	109.12	ng	0.00
23) Nitrobenzene-d5	7.43	82	1152773	79.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	470443	110.40	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1844752	74.21	ng	-0.02
78) Terphenyl-d14	12.97	244	2030626	83.39	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	174707	32.34	ng	88
3) Pyridine	3.28	79	521372	34.11	ng	89
4) n-Nitrosodimethylamine	3.22	42	314713	39.24	ng	100
6) Aniline	6.52	93	529753	27.13	ng	# 73
8) 2-Chlorophenol	6.64	128	458048	34.99	ng	# 78
9) Benzaldehyde	6.40	77	151334	16.01	ng	86
10) Phenol	6.50	94	612484	35.41	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	452167	36.59	ng	97
12) 1,3-Dichlorobenzene	6.80	146	537690	36.92	ng	99
13) 1,4-Dichlorobenzene	6.88	146	540278	37.30	ng	96
14) 1,2-Dichlorobenzene	7.03	146	474892	35.20	ng	98
15) Benzyl Alcohol	7.01	79	460528	39.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	961381	36.18	ng	72
17) 2-Methylphenol	7.12	107	399892	38.64	ng	# 76
18) Hexachloroethane	7.37	117	187885	36.53	ng	# 87
19) n-Nitroso-di-n-propylamine	7.28	70	367038	39.64	ng	# 93
20) 3+4-Methylphenols	7.27	107	476377	37.71	ng	# 65
22) Acetophenone	7.27	105	654446	33.77	ng	# 78
24) Nitrobenzene	7.44	77	511091	34.21	ng	# 91
25) Isophorone	7.68	82	952739	36.86	ng	99
26) 2-Nitrophenol	7.76	139	261820	38.46	ng	90
27) 2,4-Dimethylphenol	7.80	122	446687	35.07	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	629059	40.43	ng	99
29) 2,4-Dichlorophenol	8.00	162	407458	36.37	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	464338	36.97	ng	94
31) Naphthalene	8.17	128	1402659	36.09	ng	99
32) Benzoic acid	7.92	122	286080	30.47	ng	94
33) 4-Chloroaniline	8.22	127	248053	14.93	ng	# 94
34) Hexachlorobutadiene	8.29	225	263272	34.09	ng	96
35) Caprolactam	8.58	113	130156m	40.42	ng	
36) 4-Chloro-3-methylphenol	8.70	107	424645	35.11	ng	96
37) 2-Methylnaphthalene	8.86	142	928616	35.17	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	469876	37.03	ng	99
40) Hexachlorocyclopentadiene	9.02	237	511768	87.01	ng	100

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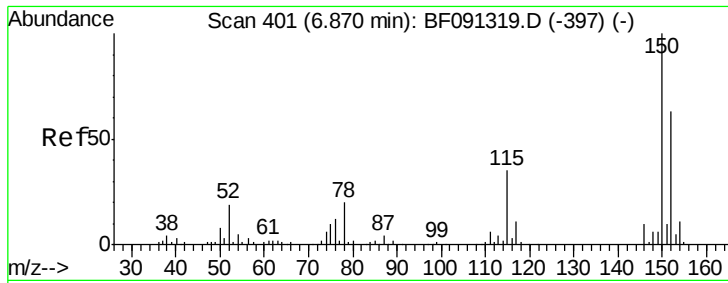
Manual Integrations
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Quant Time: Dec 02 00:03:37 2016
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 QLast Update : Tue Nov 29 13:33:46 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317947	38.55	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	299489	36.24	nq	# 93
45) 1,1'-Biphenyl	9.33	154	1227101	37.91	nq	96
46) 2-Chloronaphthalene	9.35	162	893115	37.05	nq	97
47) 2-Nitroaniline	9.44	65	327311	37.81	nq	# 80
48) Acenaphthylene	9.76	152	1280944	33.76	nq	99
49) Dimethylphthalate	9.62	163	1005190	36.88	nq	97
50) 2,6-Dinitrotoluene	9.68	165	222084	36.46	nq	93
51) Acenaphthene	9.93	154	895893	35.00	nq	97
52) 3-Nitroaniline	9.85	138	159730	22.65	nq	95
53) 2,4-Dinitrophenol	9.96	184	168516	63.26	nq	95
54) Dibenzofuran	10.10	168	1194073	34.84	nq	98
55) 4-Nitrophenol	10.01	139	346064	67.95	nq	98
56) 2,4-Dinitrotoluene	10.09	165	325824	41.23	nq	90
57) Fluorene	10.45	166	889430	33.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	251238	35.60	nq	96
59) Diethylphthalate	10.33	149	1047612	38.94	nq	# 94
60) 4-Chlorophenyl-phenylether	10.45	204	479052	36.30	nq	99
61) 4-Nitroaniline	10.47	138	231017	34.89	nq	92
62) Azobenzene	10.61	77	1141562	41.58	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	136431	31.54	nq	# 70
65) n-Nitrosodiphenylamine	10.56	169	828747	34.81	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	311411	36.90	nq	# 70
67) Hexachlorobenzene	11.00	284	311076	34.11	nq	# 86
68) Atrazine	11.09	200	251271	32.59	nq	99
69) Pentachlorophenol	11.19	266	365889	68.15	nq	96
70) Phenanthrene	11.41	178	1342254	32.90	nq	99
71) Anthracene	11.46	178	1574270	38.88	nq	100
72) Carbazole	11.61	167	1314422	35.77	nq	99
73) Di-n-butylphthalate	11.96	149	1585271	38.07	nq	99
74) Fluoranthene	12.60	202	1559004	40.34	nq	98
76) Benzidine	12.71	184	421106	27.10	nq	98
77) Pyrene	12.82	202	1595919	39.73	nq	99
79) Butylbenzylphthalate	13.44	149	624805	41.54	nq	87
80) Benzo(a)anthracene	14.00	228	1178606	38.08	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	255103	23.39	nq	# 96
82) Chrysene	14.05	228	1225649	40.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	838067	43.96	nq	# 93
84) Di-n-octyl phthalate	14.62	149	1361488	47.19	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1040043	37.08	nq	95
87) Benzo(b)fluoranthene	15.04	252	1144235m	38.31	nq	
88) Benzo(k)fluoranthene	15.07	252	854331m	34.02	nq	
89) Benzo(a)pyrene	15.39	252	954897	35.60	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	867065	34.95	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	875000	34.21	nq	98

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



#1

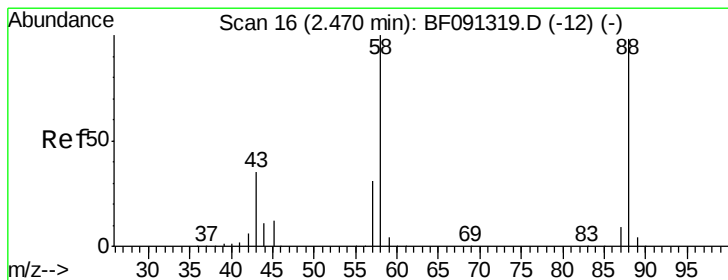
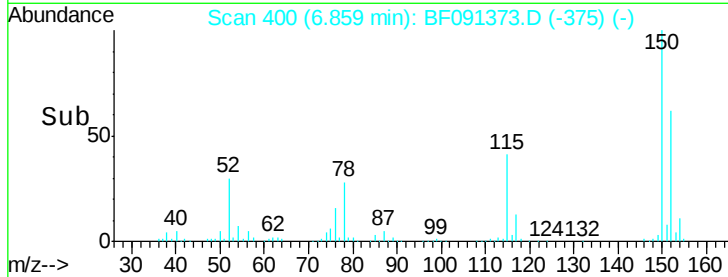
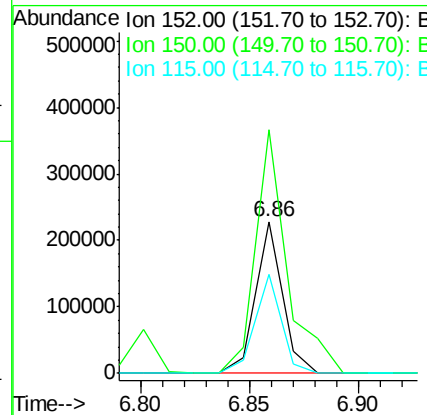
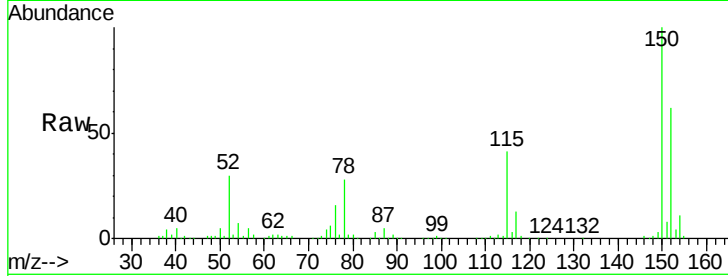
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	122.5	183.7
115	65.6	51.8	77.8

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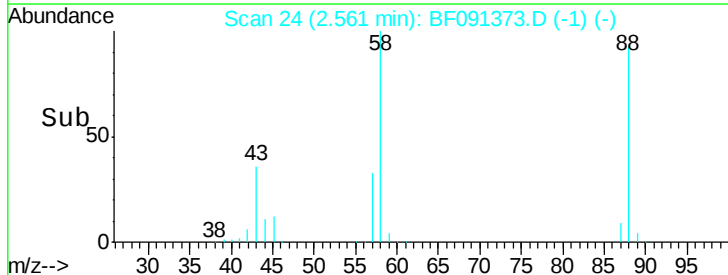
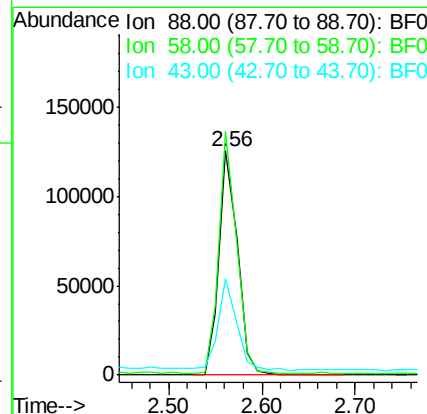
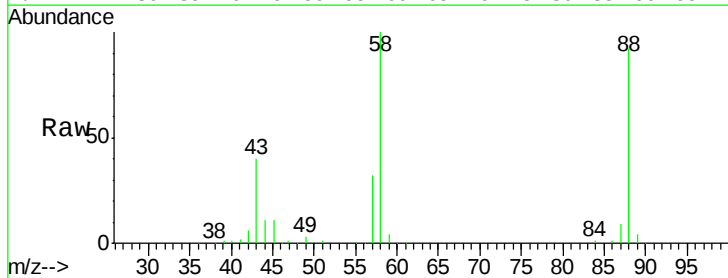
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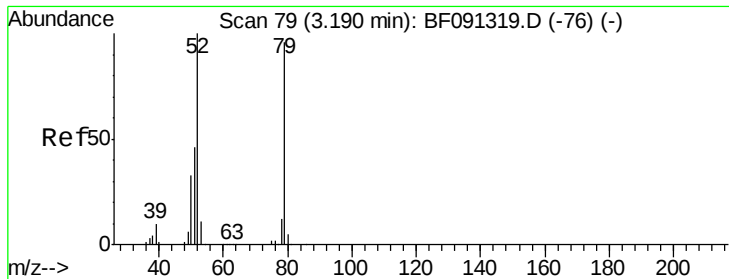


#2

1,4-Dioxane
Concen: 32.34 ng
RT: 2.56 min Scan# 24
Delta R.T. 0.06 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.4	70.3	105.5
43	41.0	31.3	46.9





#3

Pvridine

Concen: 34.11 ng

RT: 3.28 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

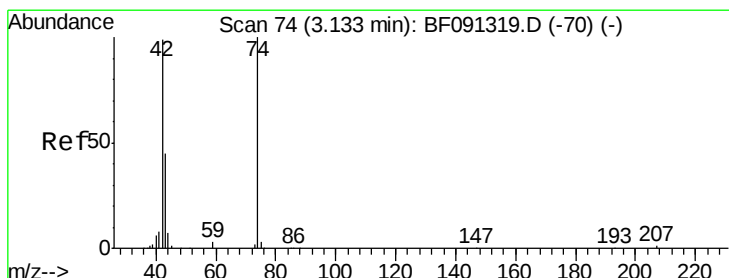
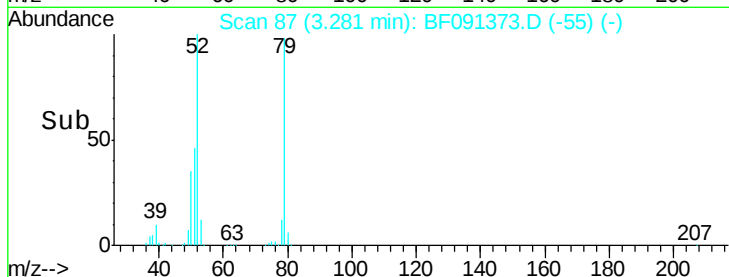
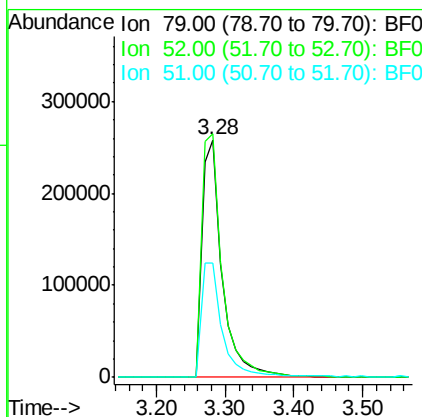
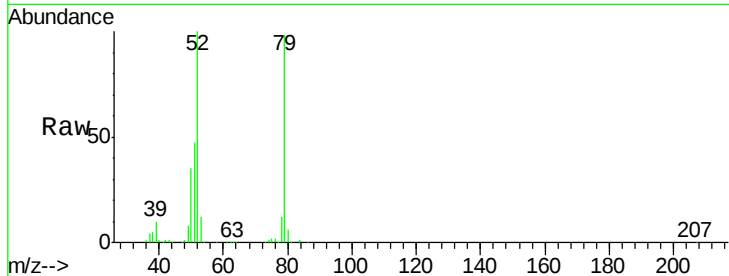
ClientSampleId :

PB94983BS

Tot Ion:	79	Resp:	521372
Ion	Ratio	Lower	Upper
79	100		
52	102.6	71.0	106.4
51	47.9	37.0	55.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.24 ng

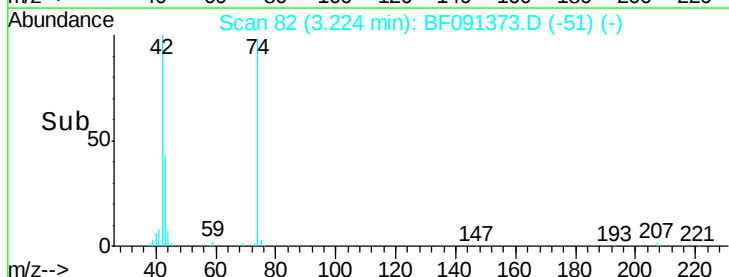
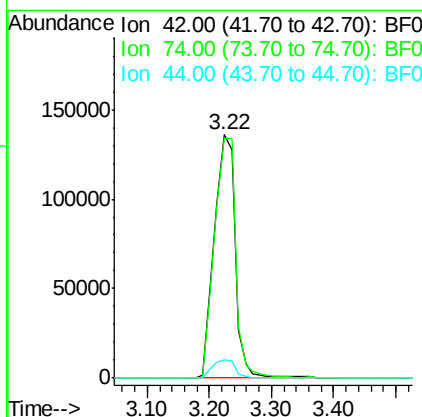
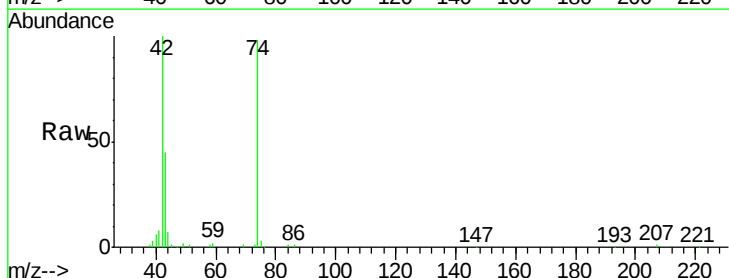
RT: 3.22 min Scan# 82

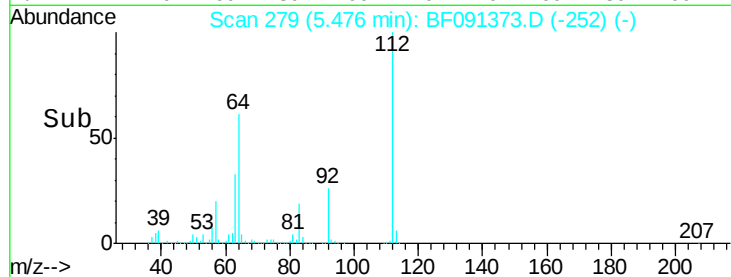
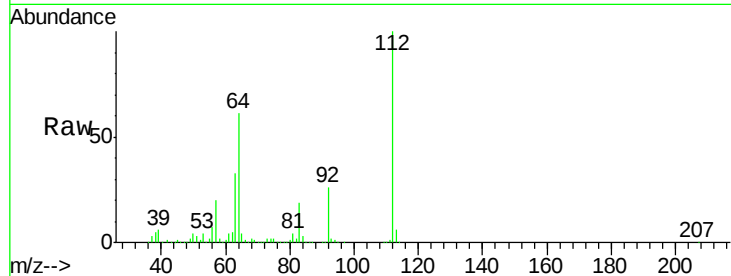
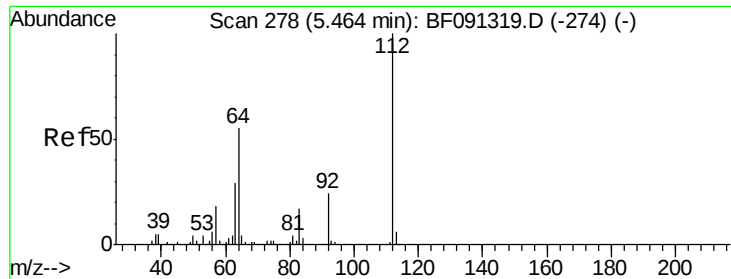
Delta R.T. 0.05 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	42	Resp:	314713
Ion	Ratio	Lower	Upper
42	100		
74	98.4	78.9	118.3
44	7.3	5.8	8.6





#5

2-Fluorophenol

Concen: 119.80 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tot Ion:	112	Resp:	1430434
Ion Ratio	Lower	Upper	
112	100		
64	61.0	61.5	92.3#
63	32.8	33.3	49.9#

Instrument :

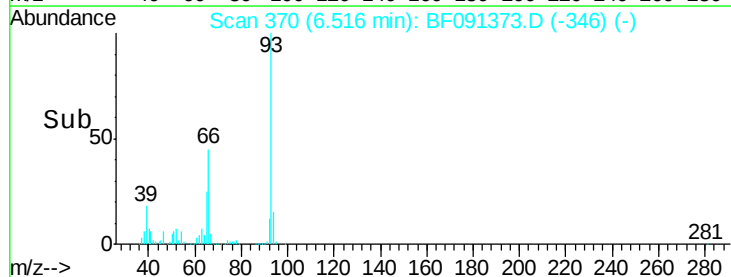
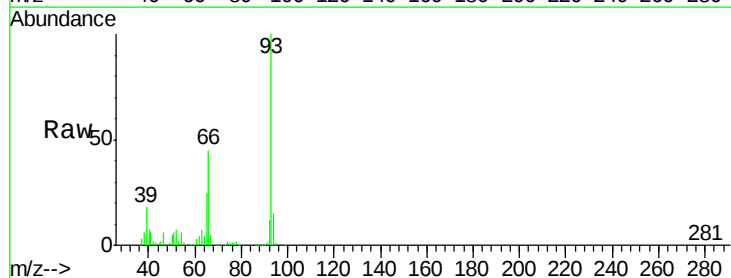
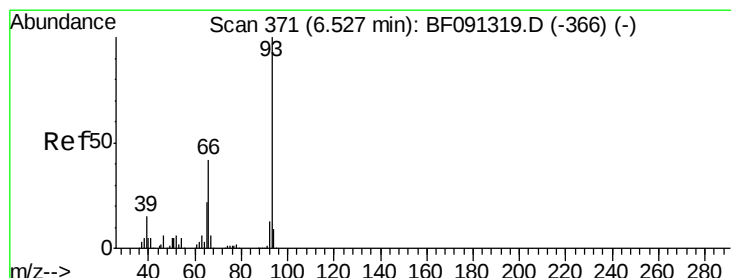
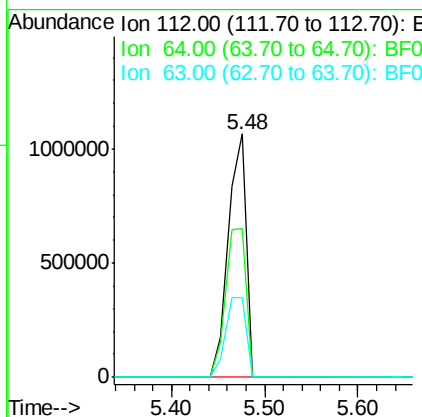
BNA_F

ClientSampled :

PB94983BS

Manual Integrations
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#6

Aniline

Concen: 27.13 ng

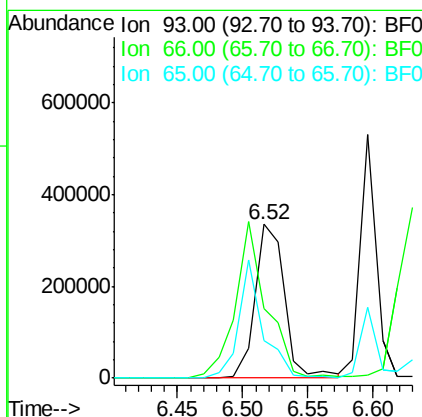
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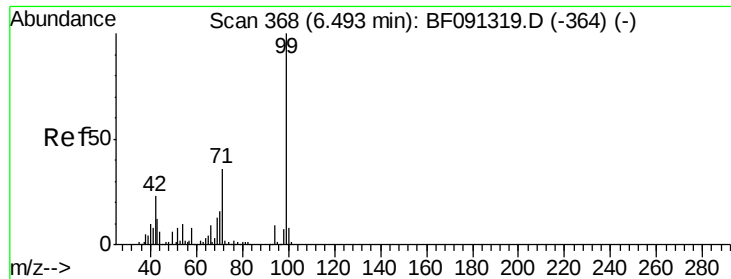
Delta R.T. -0.03 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	93	Resp:	529753
Ion Ratio	Lower	Upper	
93	100		
66	45.5	55.8	83.6#
65	24.8	29.9	44.9#





#7

Phenol-d6

Concen: 109.12 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampleId :

PB94983BS

Tot Ion: 99 Resp: 1603977

Ion Ratio Lower Upper

99 100

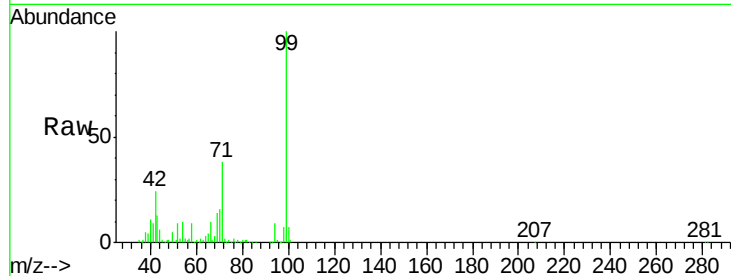
42 24.4 20.6 31.0

71 37.9 29.9 44.9

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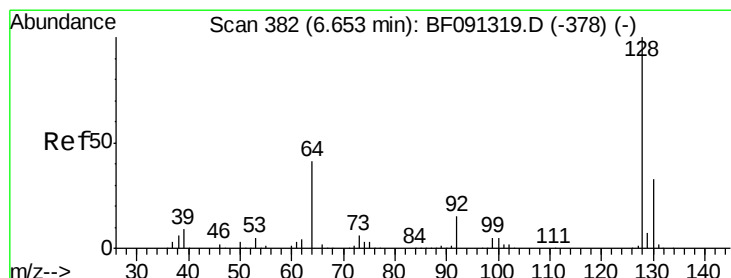
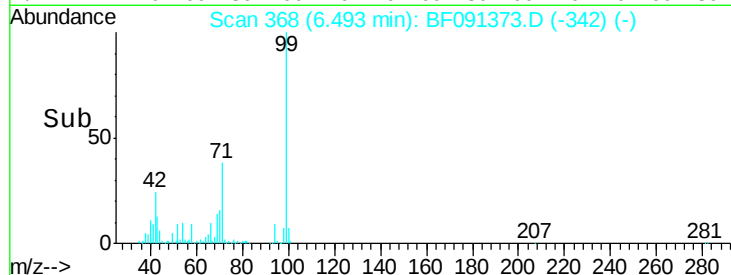
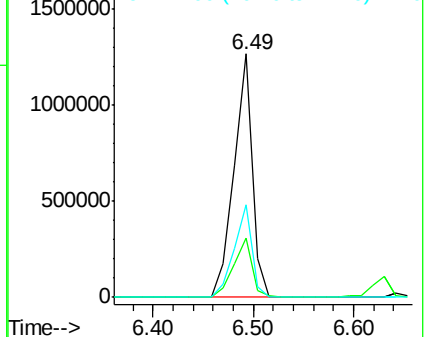
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.99 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

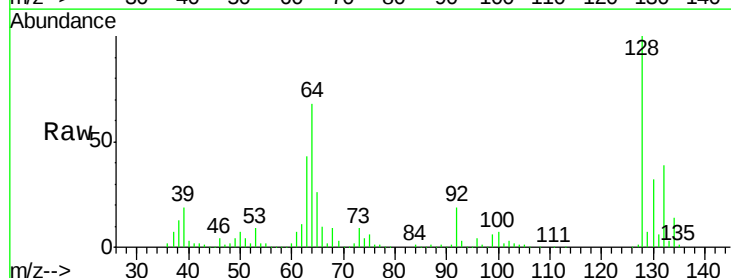
Tgt Ion: 128 Resp: 458048

Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

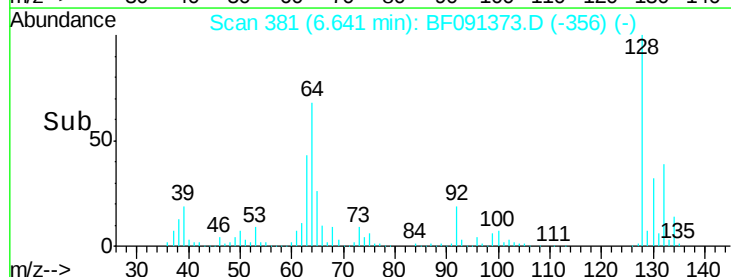
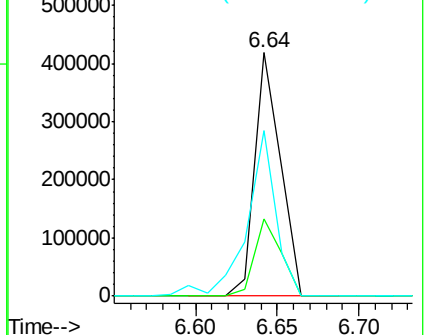
64 68.1 24.1 64.1#

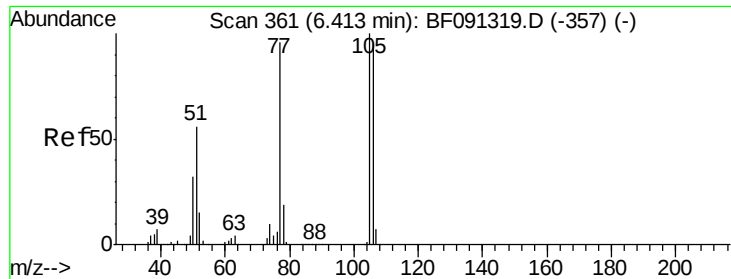


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.01 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

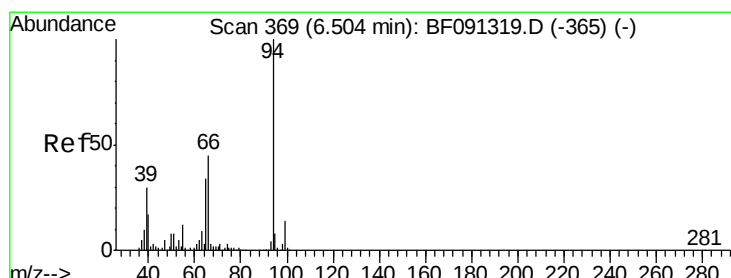
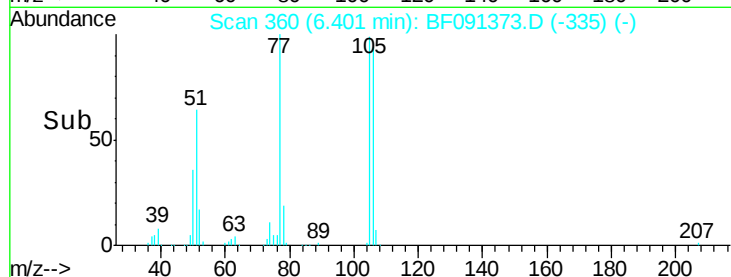
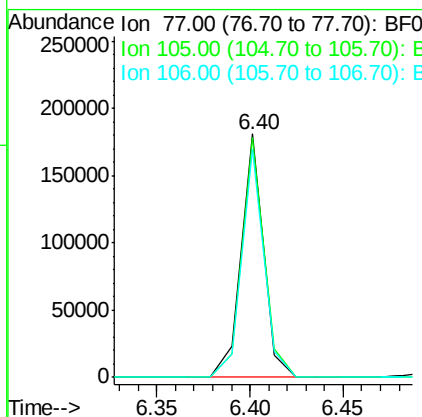
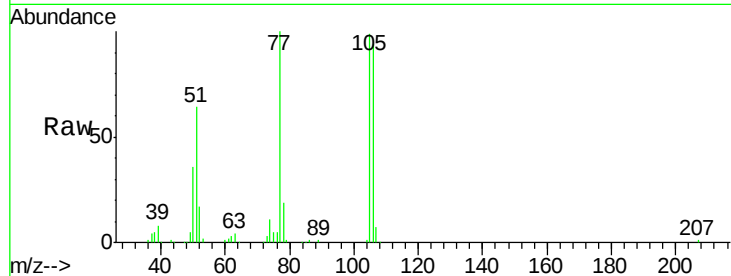
ClientSampleId :

PB94983BS

Tot Ion:	77	Resp:	151334
Ion Ratio	Lower	Upper	
77	100		
105	98.7	66.4	106.4
106	93.9	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 35.41 ng

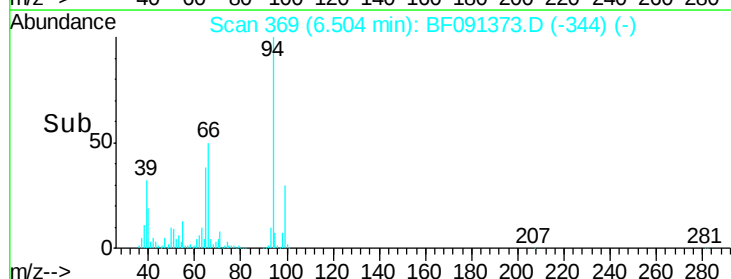
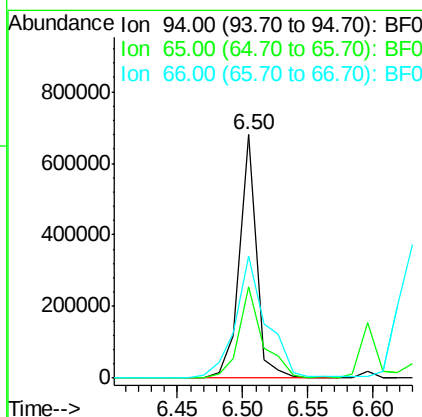
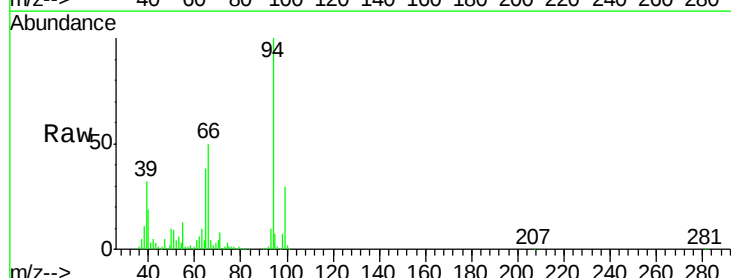
RT: 6.50 min Scan# 369

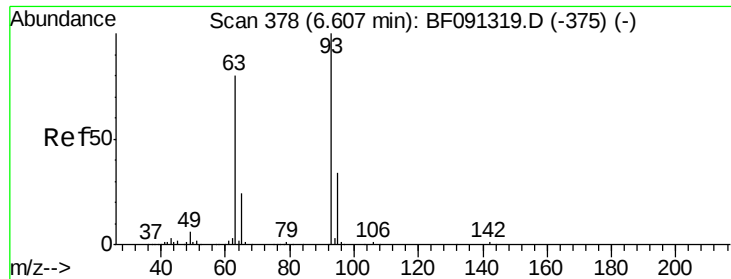
Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	94	Resp:	612484
Ion Ratio	Lower	Upper	
94	100		
65	37.7	16.9	56.9
66	50.2	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 36.59 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

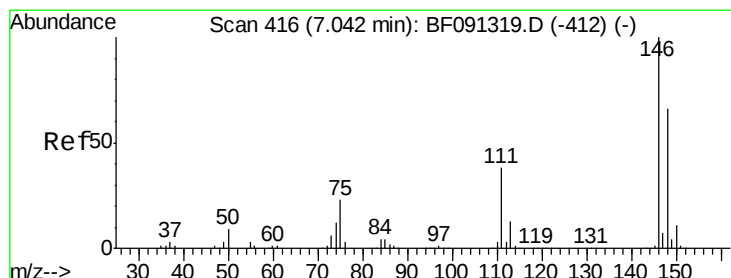
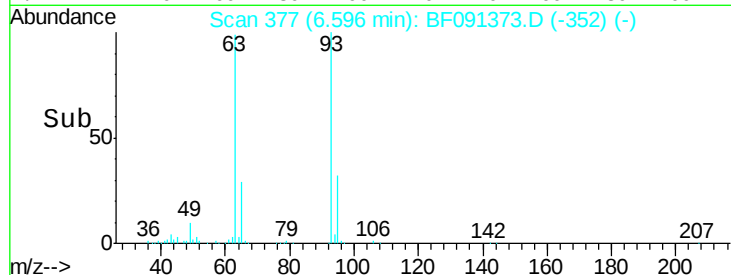
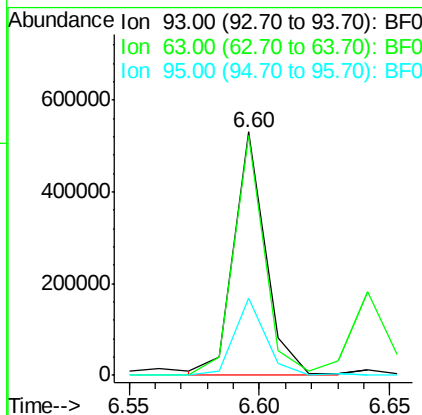
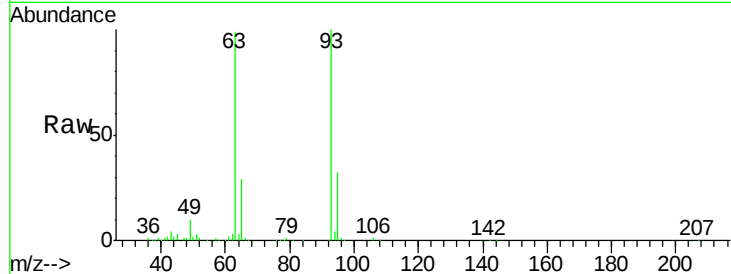
ClientSampleId :

PB94983BS

Tot Ion:	93	Resp:	452167
Ion	Ratio	Lower	Upper
93	100		
63	98.6	74.8	114.8
95	32.0	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 36.92 ng

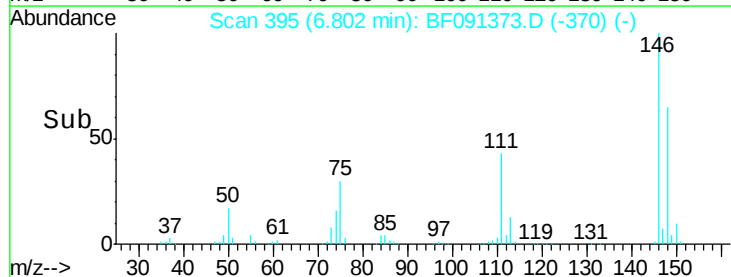
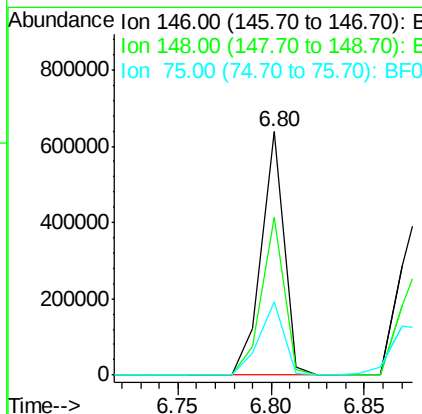
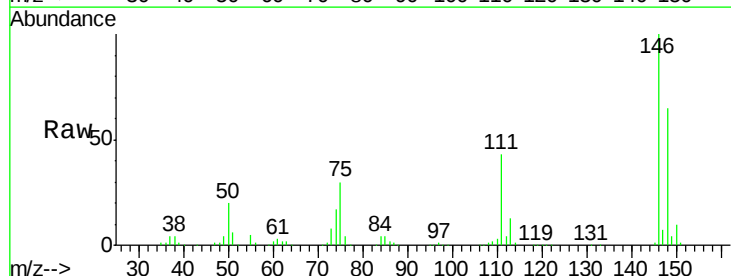
RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	146	Resp:	537690
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	30.2	23.6	35.4





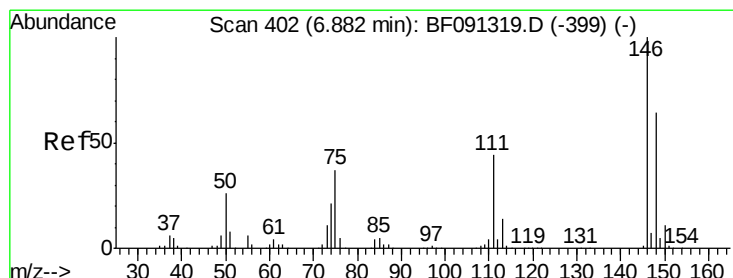
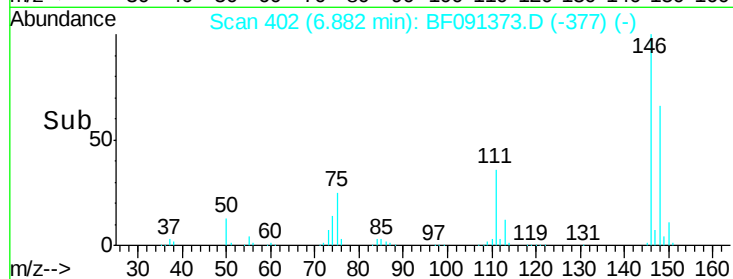
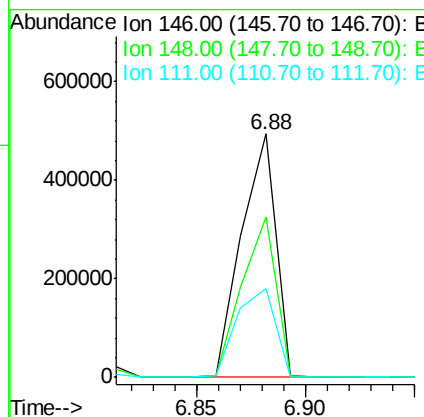
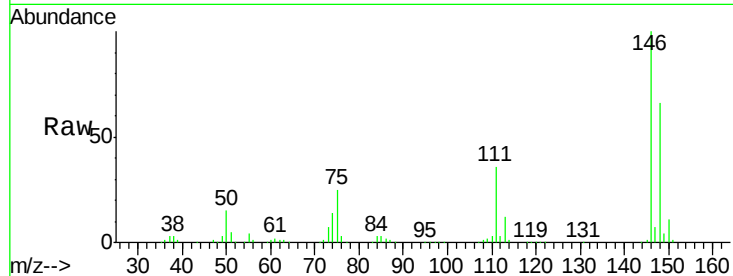
#13
1,4-Dichlorobenzene
Concen: 37.30 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
111	36.4	32.2	48.2

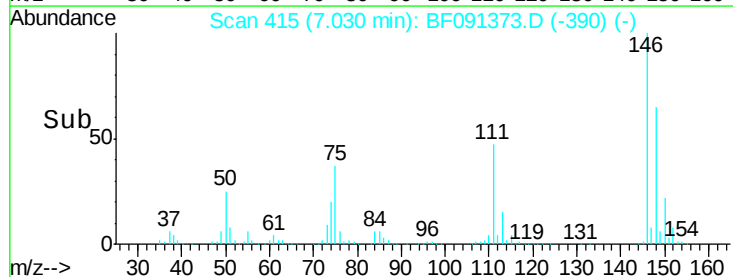
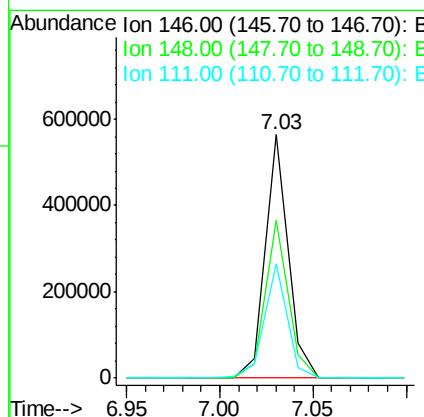
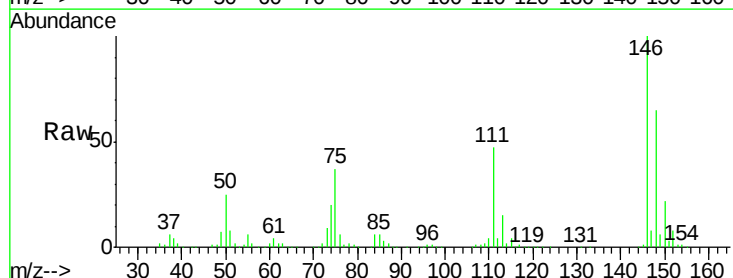
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 35.20 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	47.2	38.9	58.3





#15

Benzyl Alcohol

Concen: 39.15 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampled :

PB94983BS

Tot Ion: 79 Resp: 460528

Ion Ratio Lower Upper

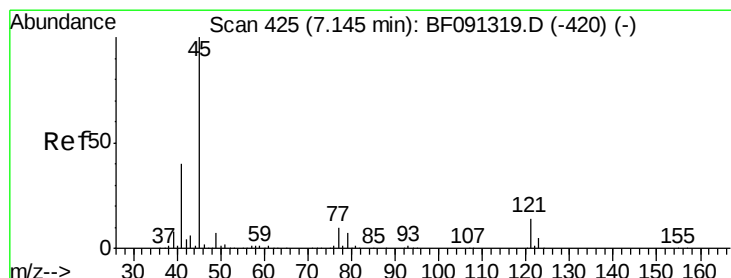
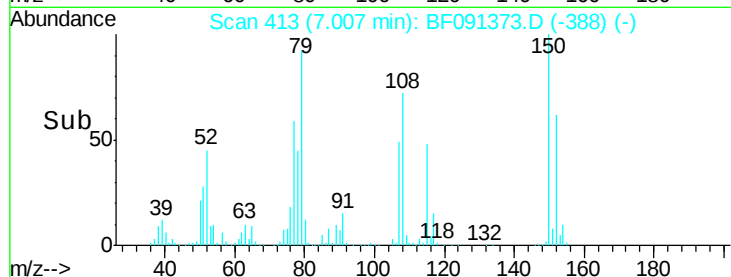
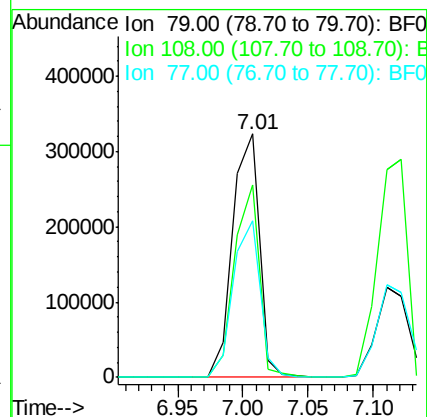
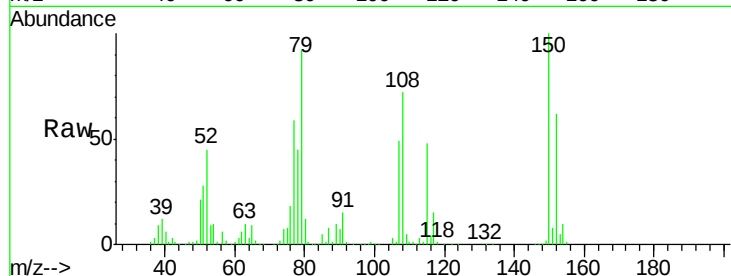
79 100

108 79.1 62.7 94.1

77 64.3 51.7 77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.18 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

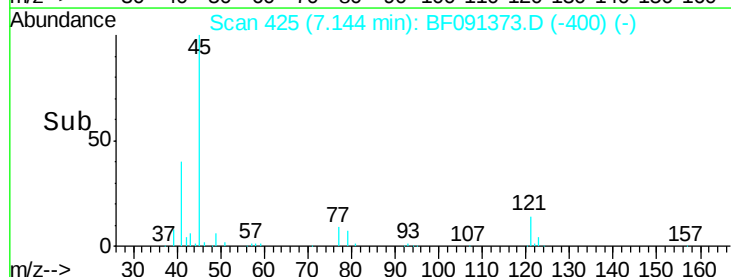
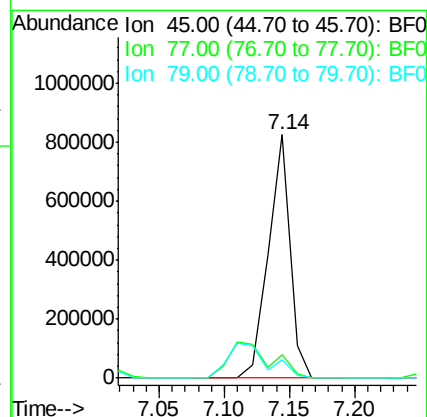
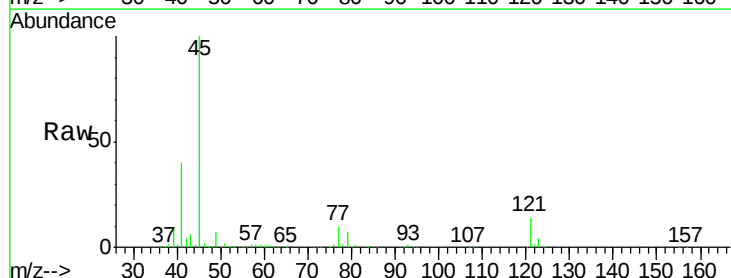
Tgt Ion: 45 Resp: 961381

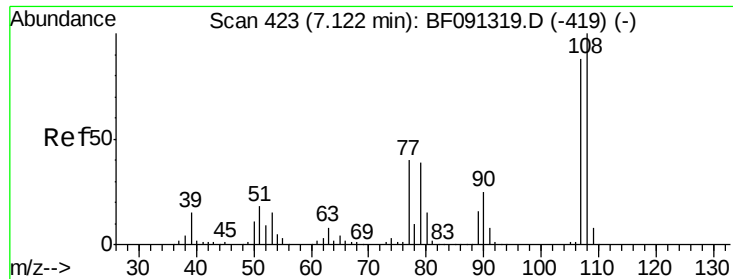
Ion Ratio Lower Upper

45 100

77 9.6 3.8 43.8

79 7.4 0.2 40.2





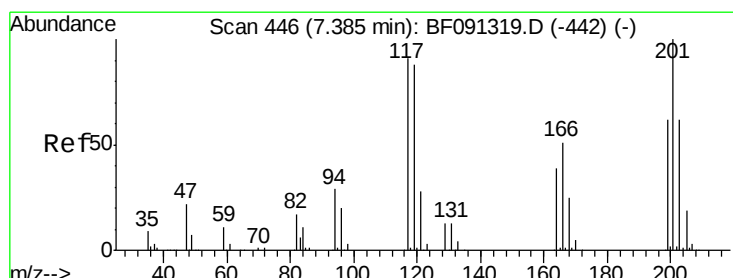
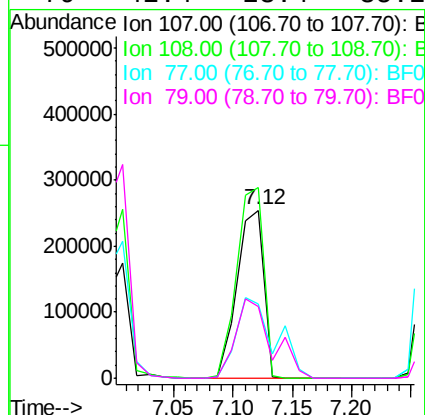
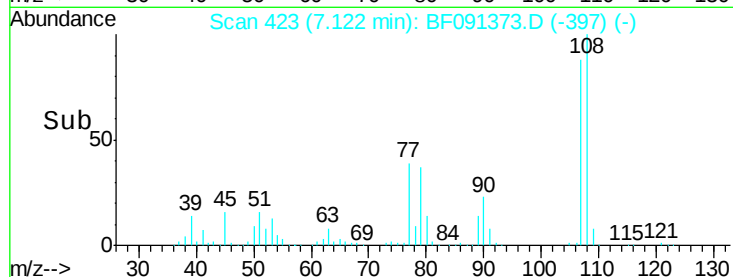
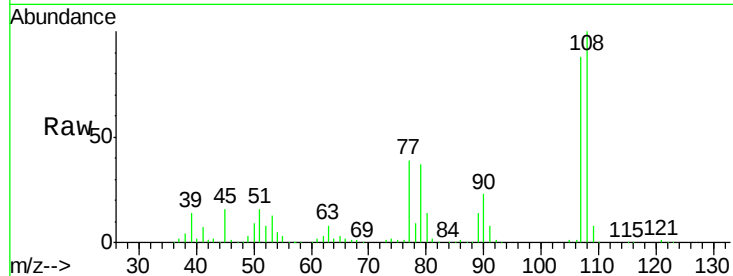
#17
2-Methylphenol
Concen: 38.64 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	67.7	101.5#	
77	44.3	40.7	61.1	
79	42.4	23.4	35.2#	

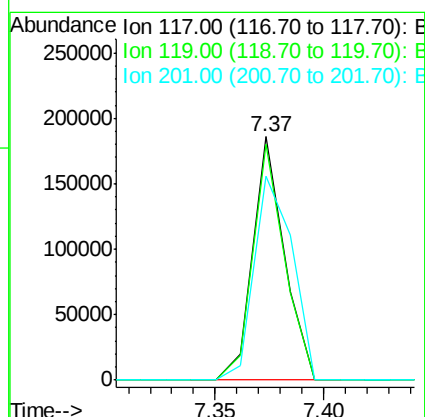
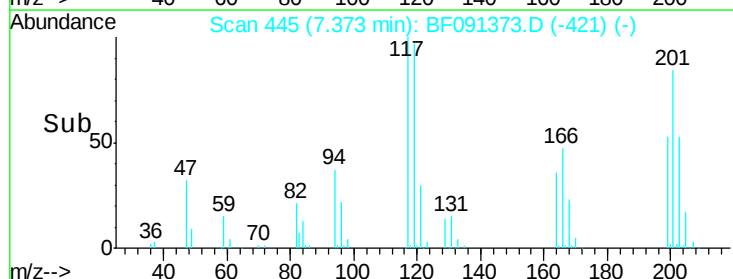
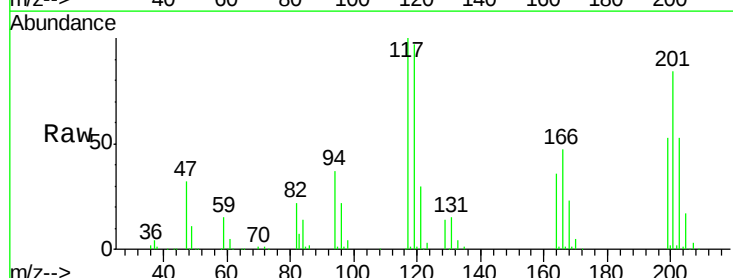
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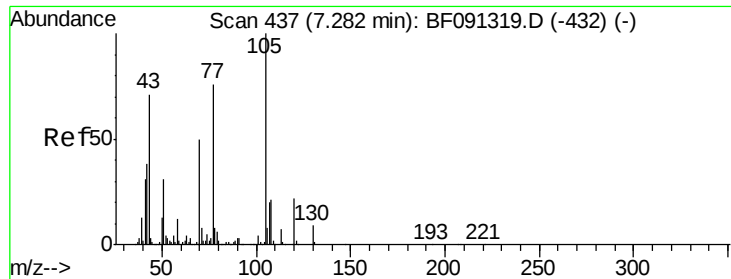
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#18
Hexachloroethane
Concen: 36.53 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.6	118.0	
201	83.9	86.7	130.1#	





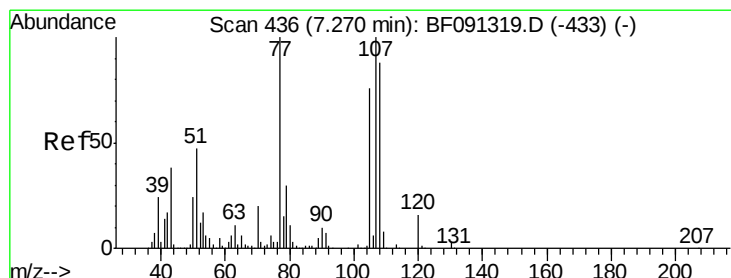
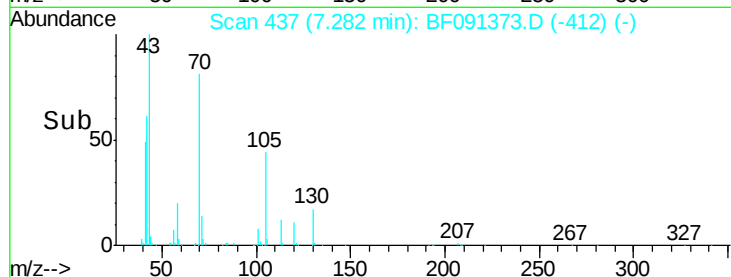
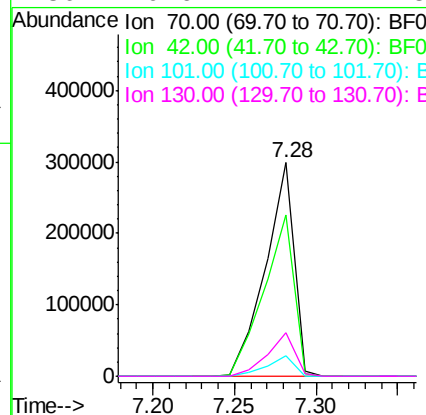
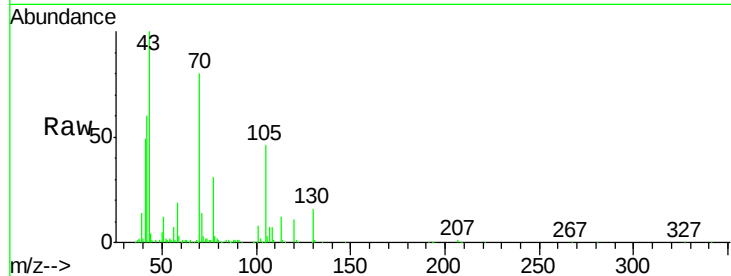
#19
n-Nitroso-di-n-propylamine
Concen: 39.64 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		367038		
42	75.5	64.8	97.2		
101	9.4	6.2	9.4#		
130	20.6	11.7	17.5#		

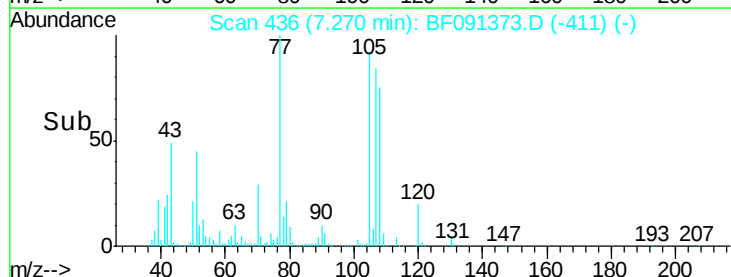
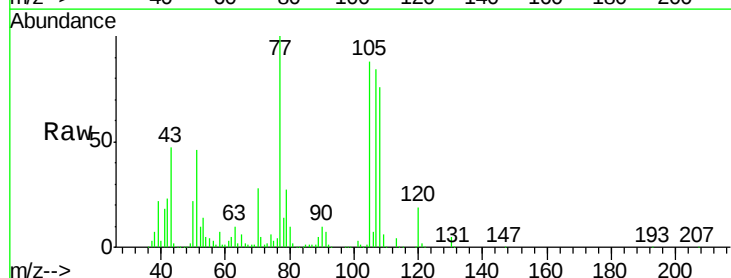
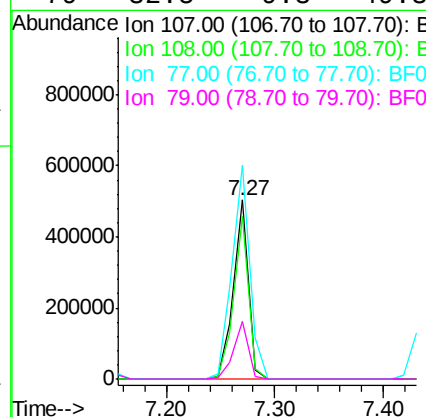
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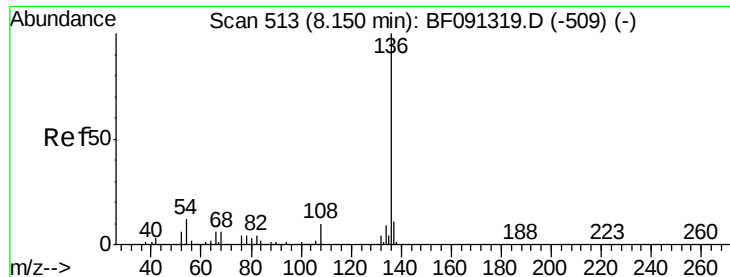
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#20
3+4-Methylphenols
Concen: 37.71 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		476377		
108	90.5	64.6	104.6		
77	119.4	30.9	70.9#		
79	32.5	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: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

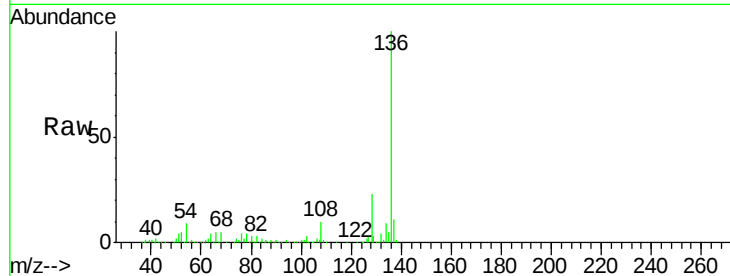
ClientSampled :

PB94983BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.8	9.1	13.7#
68	4.6	5.9	8.9#

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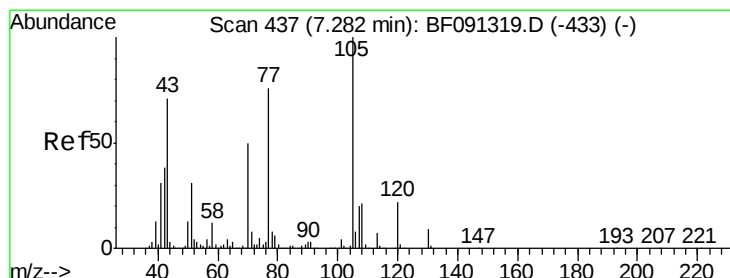
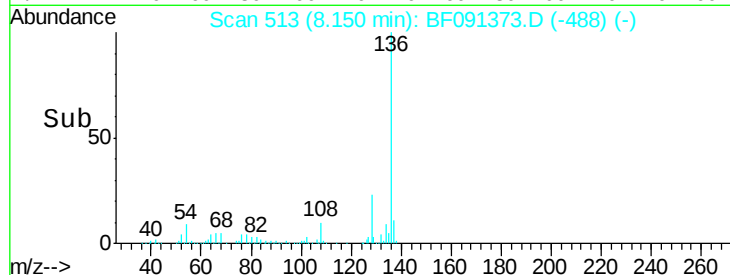
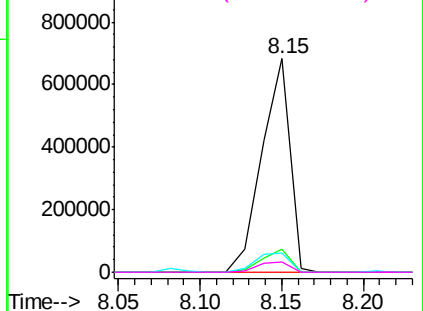
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 33.77 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.3	7.9	11.9#
51	52.4	24.5	36.7#
120	21.1	16.6	24.8

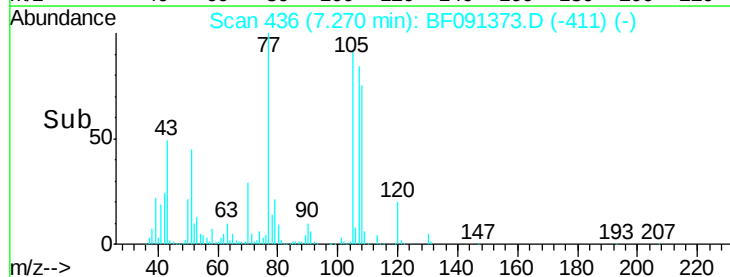
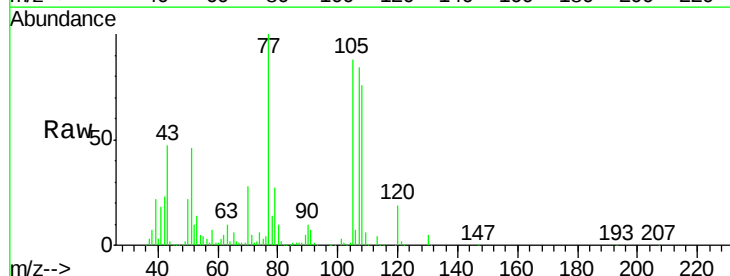
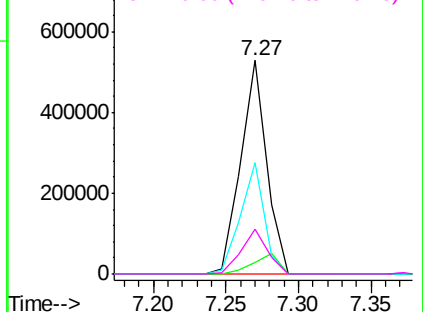
Abundance

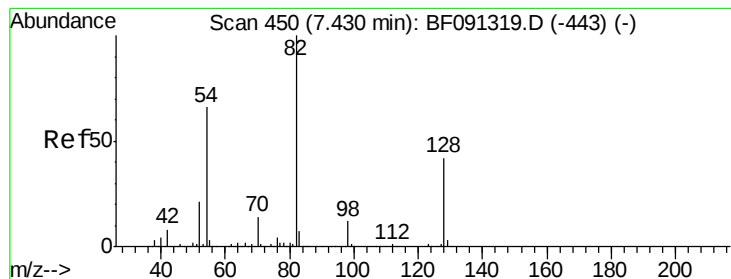
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.00 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampled :

PB94983BS

Tot Ion: 82 Resp: 1152773

Ion Ratio Lower Upper

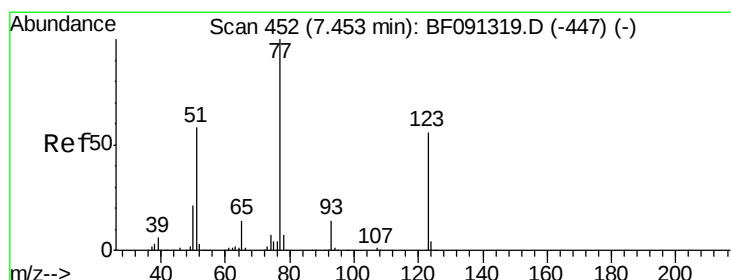
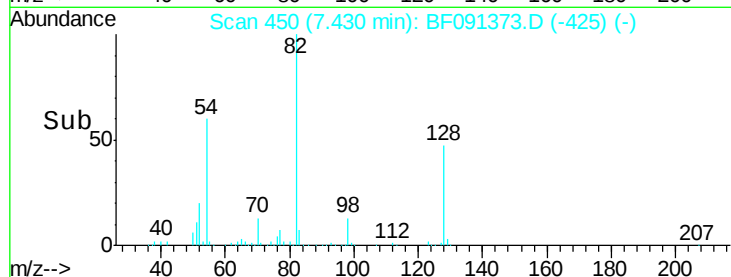
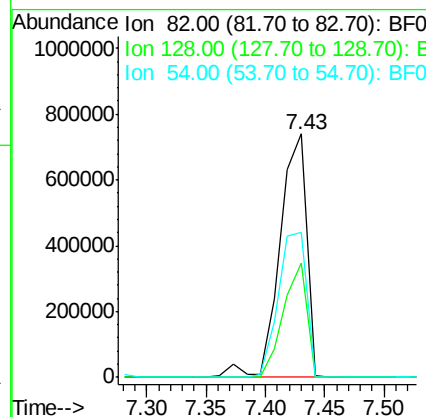
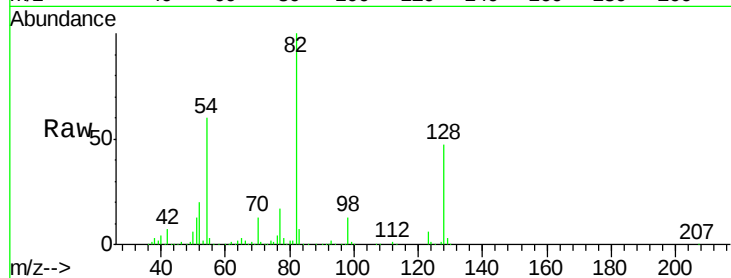
82 100

128 47.2 31.8 47.6

54 59.6 49.1 73.7

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#24

Nitrobenzene

Concen: 34.21 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

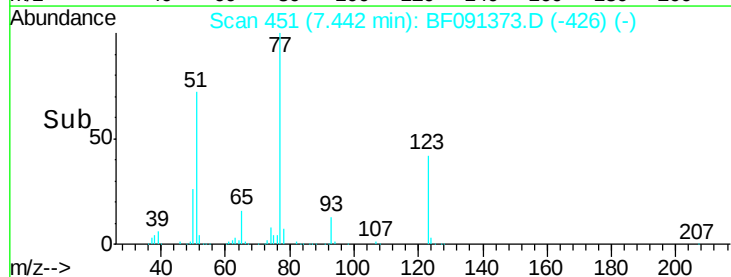
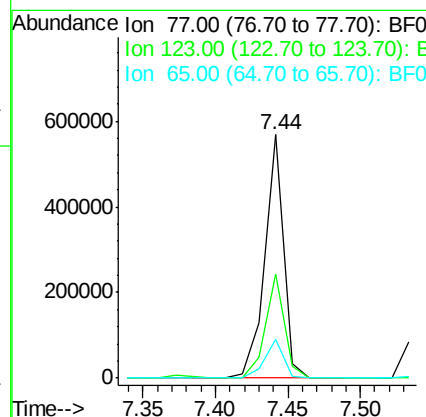
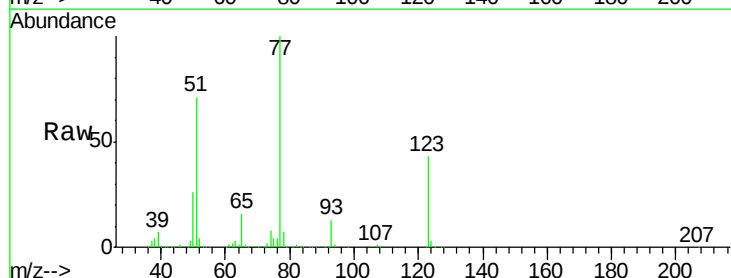
Tgt Ion: 77 Resp: 511091

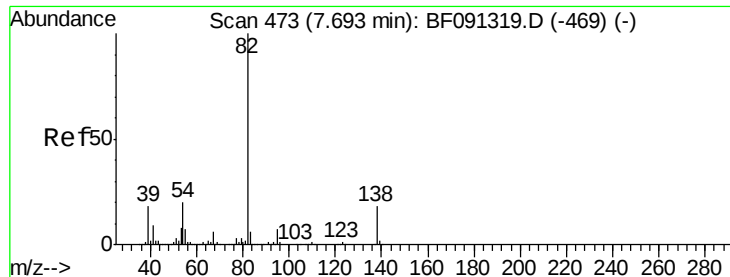
Ion Ratio Lower Upper

77 100

123 42.9 28.5 42.7#

65 15.9 12.5 18.7





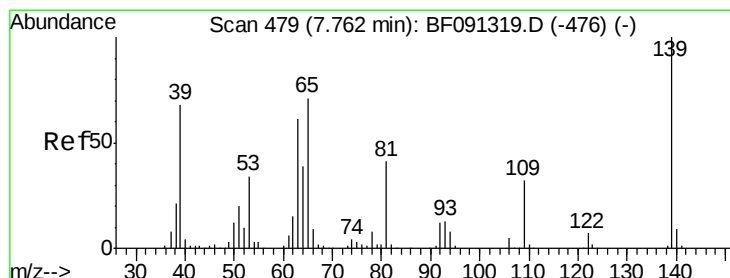
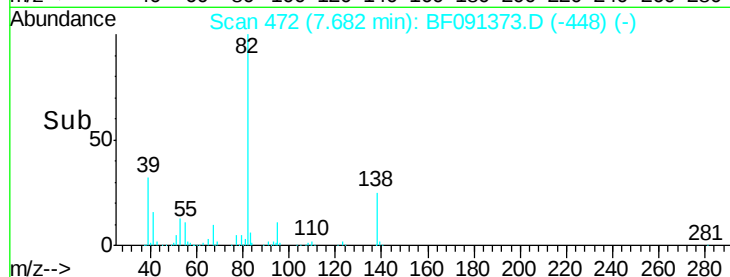
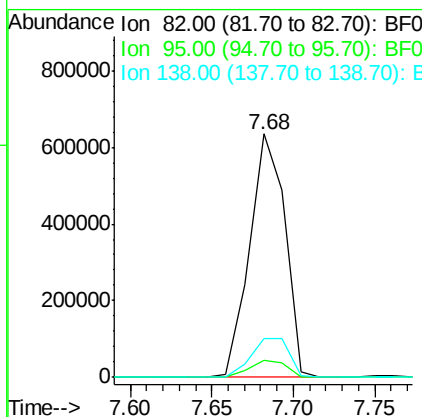
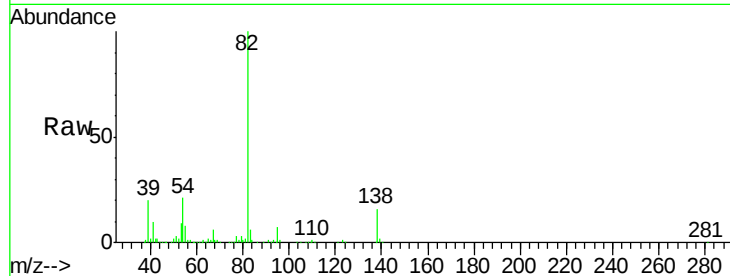
#25
Isophorone
Concen: 36.86 ng
RT: 7.68 min Scan# 472
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.7	8.5	
138	15.8	13.4	20.0	

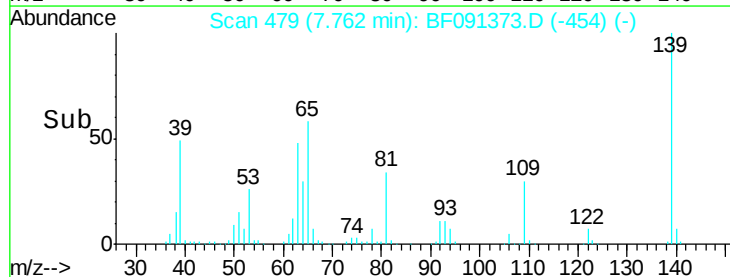
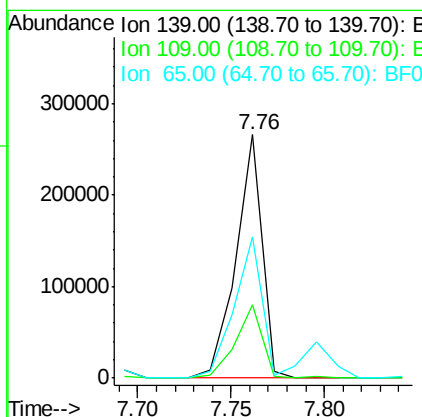
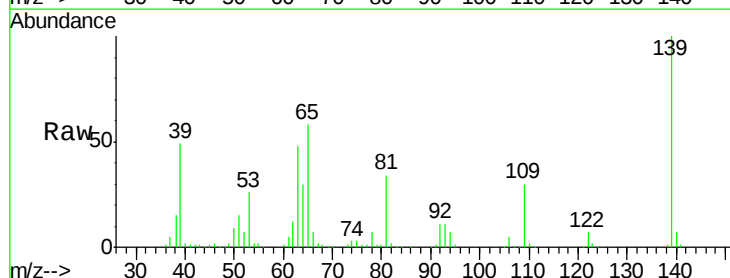
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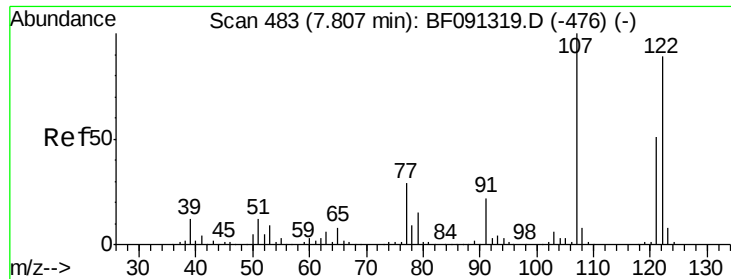
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#26
2-Nitrophenol
Concen: 38.46 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.0	25.3	37.9	
65	58.1	55.4	83.2	





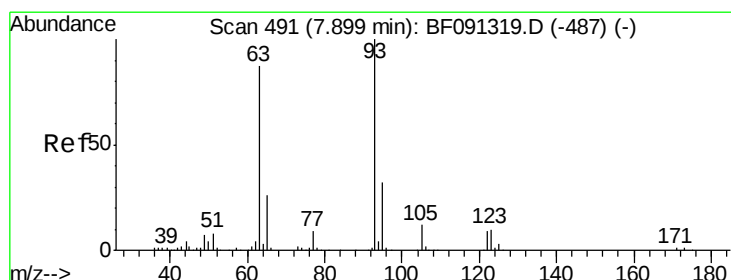
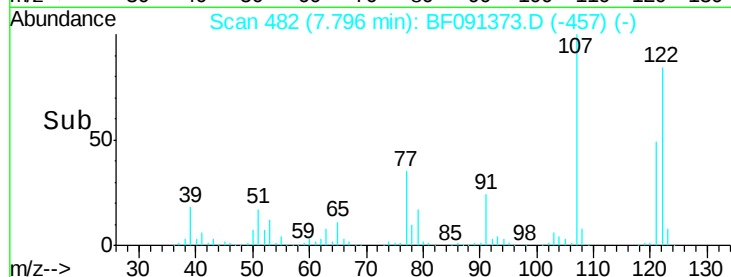
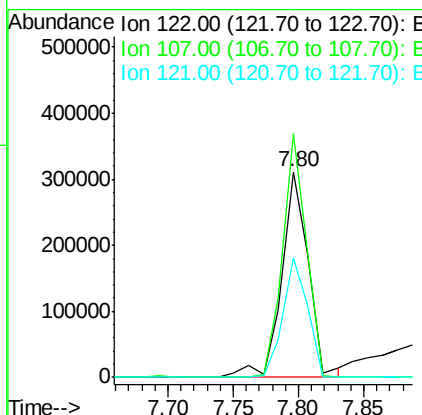
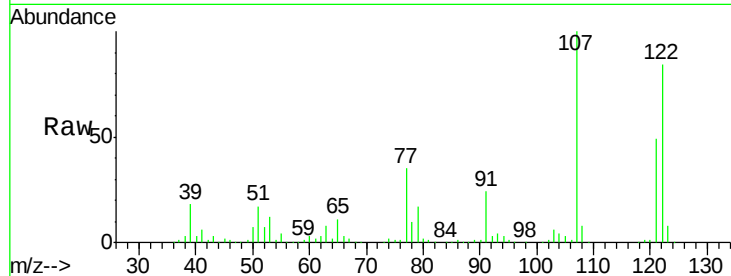
#27
2,4-Dimethylphenol
Concen: 35.07 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	446687		
107	118.5	96.8	145.2	
121	57.8	47.7	71.5	

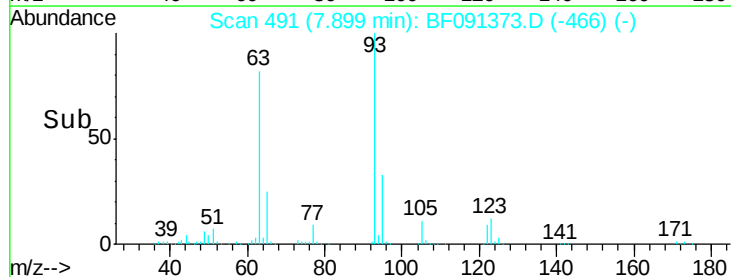
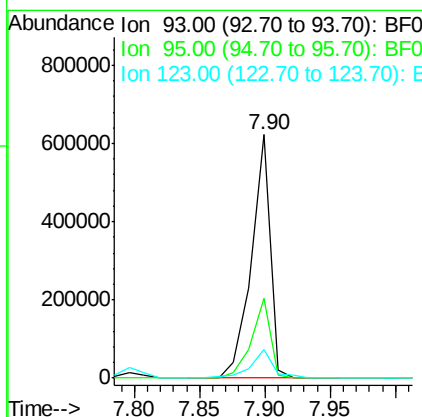
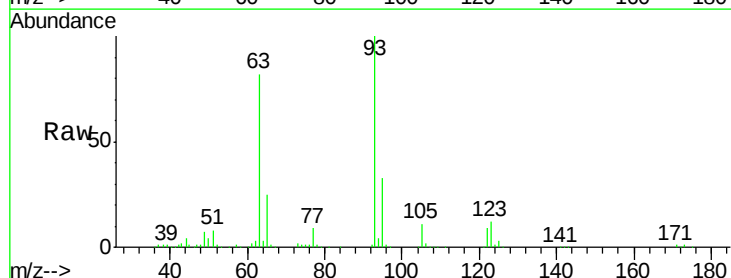
Manual Integrations
APPROVED

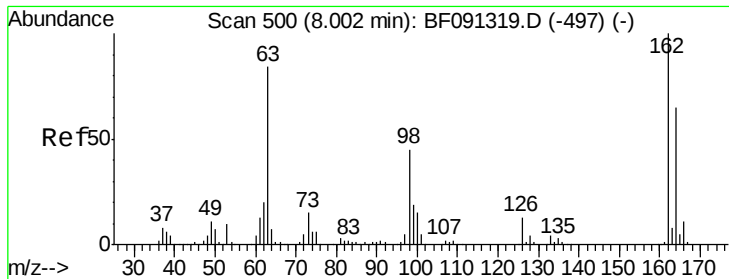
sohil
12/2/2016 4:20:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.43 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	629059		
95	32.8	26.0	39.0	
123	11.5	8.6	12.8	





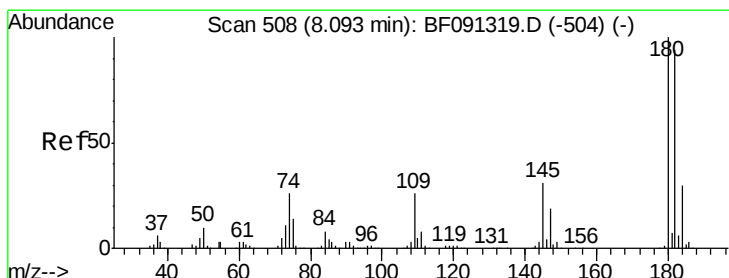
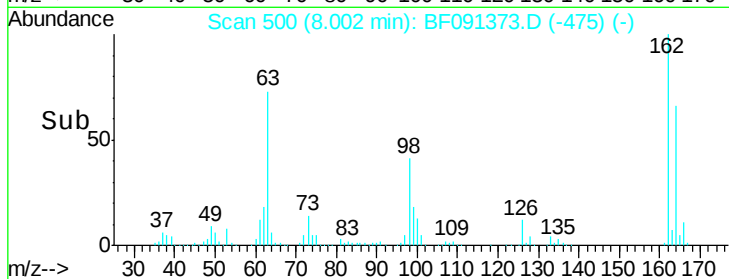
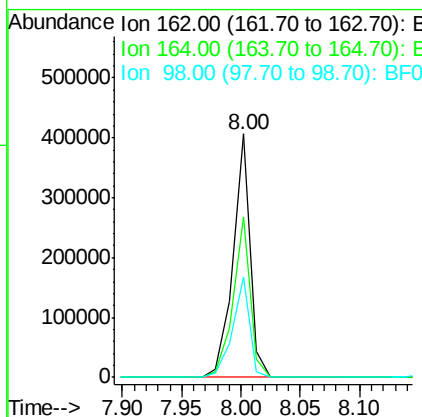
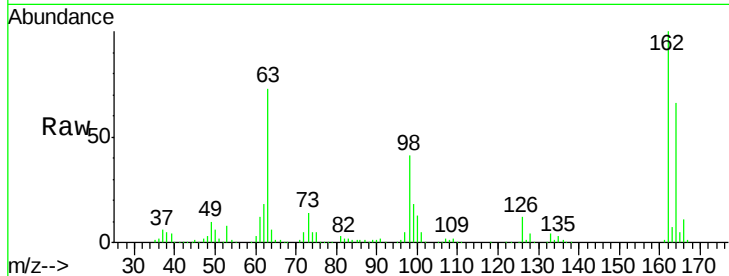
#29
2,4-Dichlorophenol
Concen: 36.37 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	407458		
164	66.1	45.0	85.0	
98	41.4	21.3	61.3	

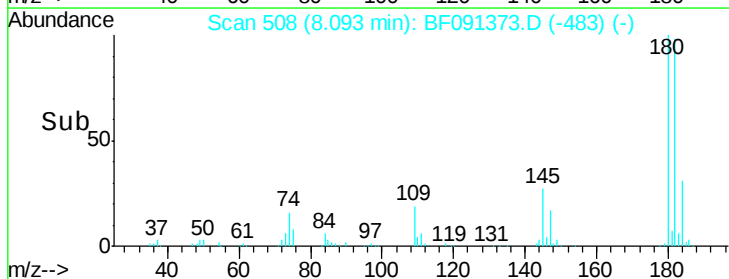
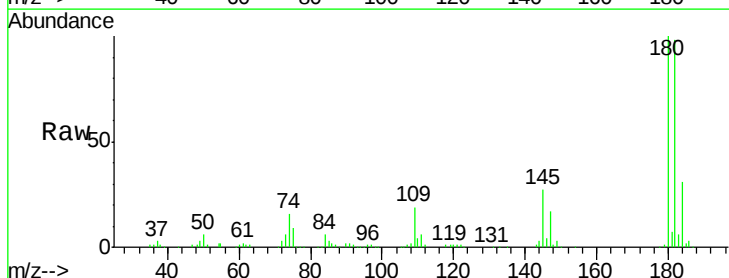
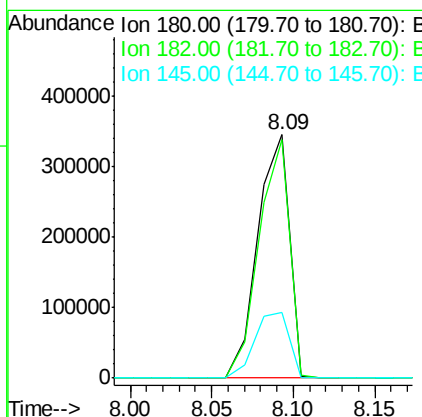
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 36.97 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464338		
182	98.0	75.8	113.8	
145	27.0	27.0	40.4	





#31

Naphthalene

Concen: 36.09 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampled :

PB94983BS

Tot Ion:128 Resp: 1402659

Ion Ratio Lower Upper

128 100

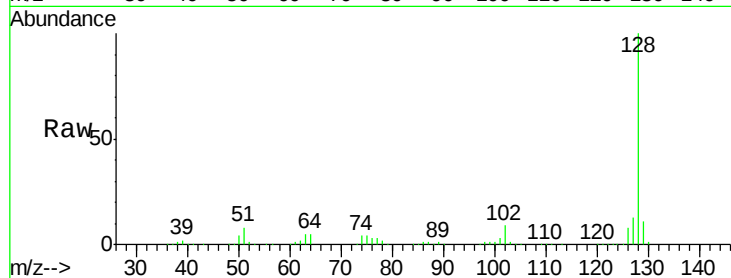
129 11.0 9.1 13.7

127 13.3 11.0 16.4

Manual Integrations
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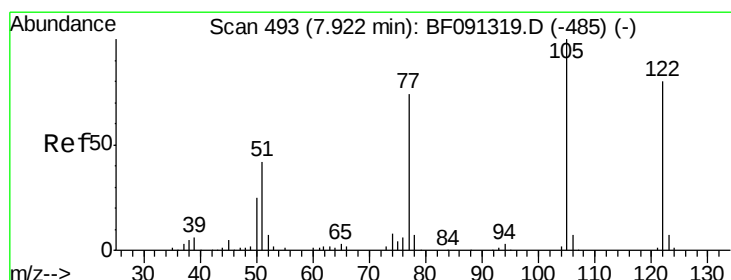
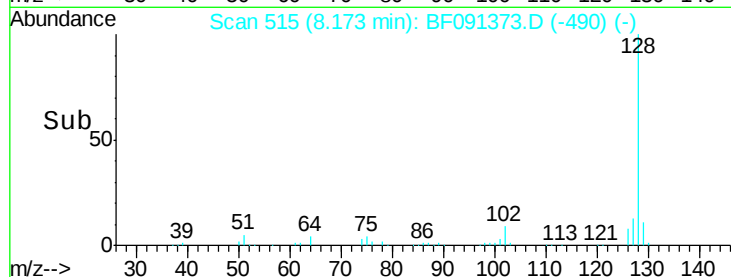
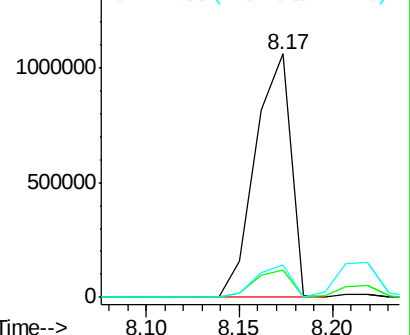
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.47 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

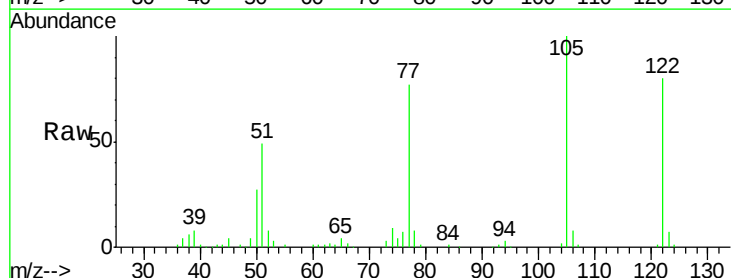
Tgt Ion:122 Resp: 286080

Ion Ratio Lower Upper

122 100

105 125.0 113.0 153.0

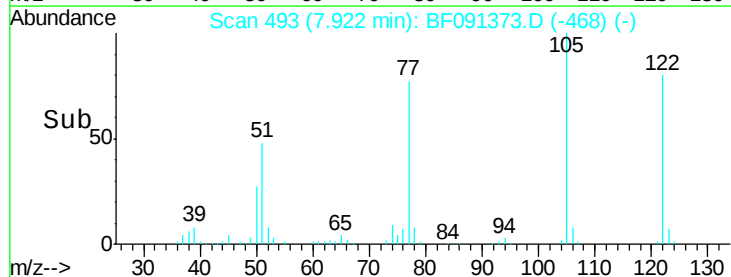
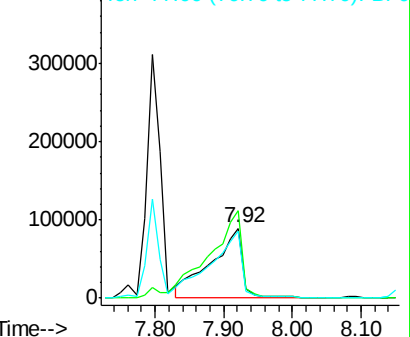
77 96.1 82.0 122.0

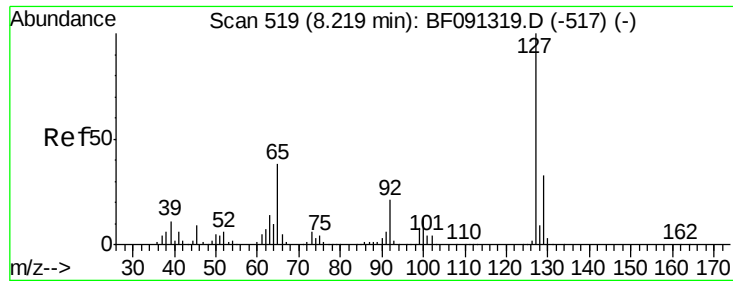


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





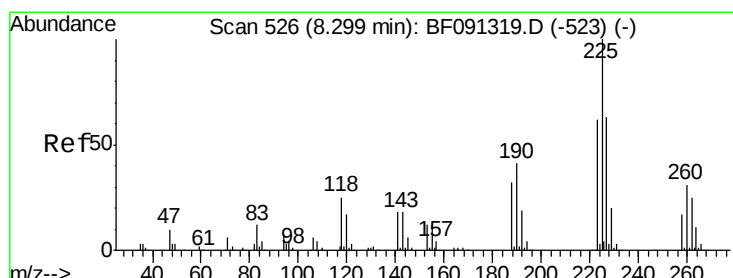
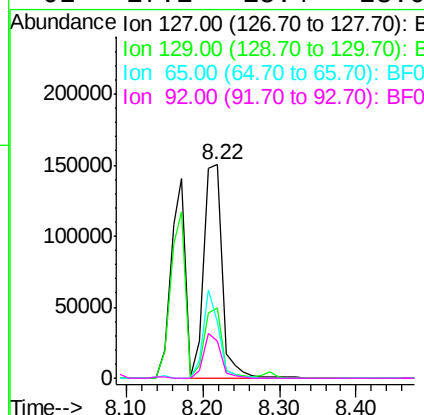
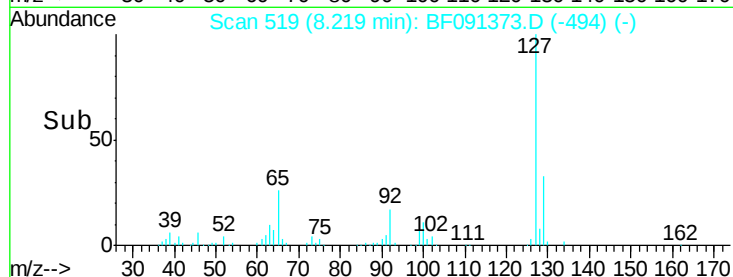
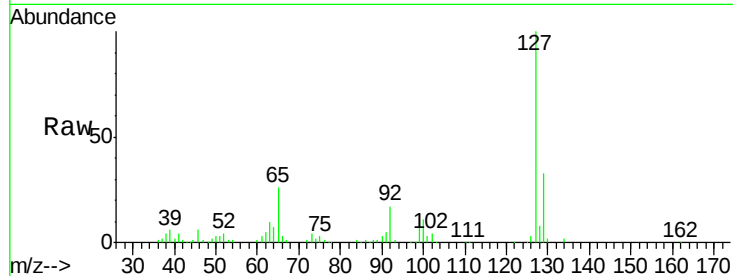
#33
4-Chloroaniline
Concen: 14.93 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.2	39.4		
65	26.3	26.6	39.8		
92	17.1	15.4	23.0		

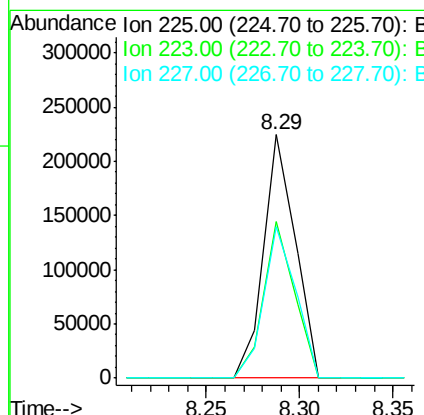
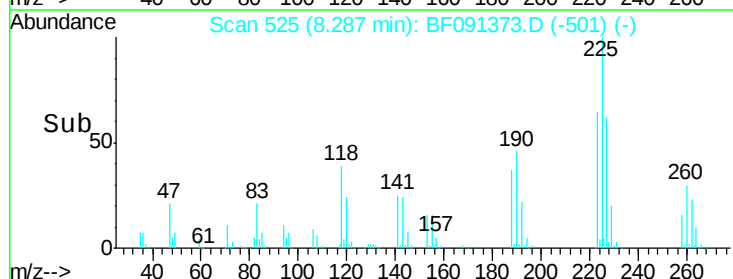
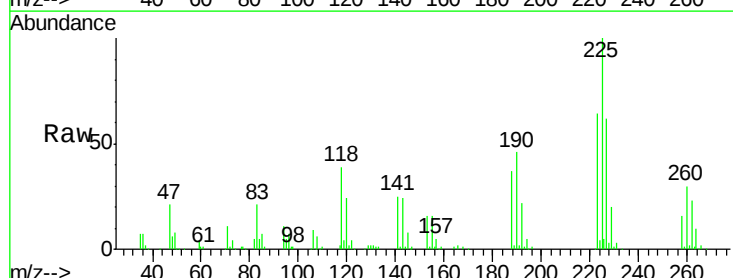
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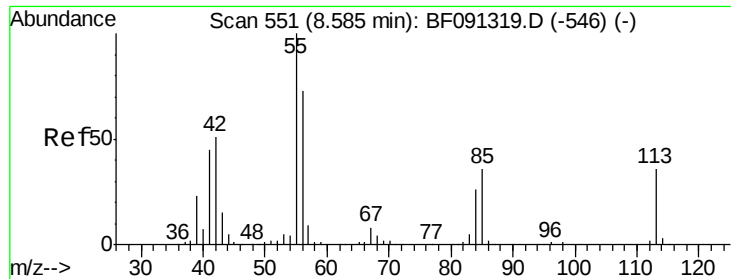
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#34
Hexachlorobutadiene
Concen: 34.09 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	49.8	74.6		
227	62.3	52.6	79.0		





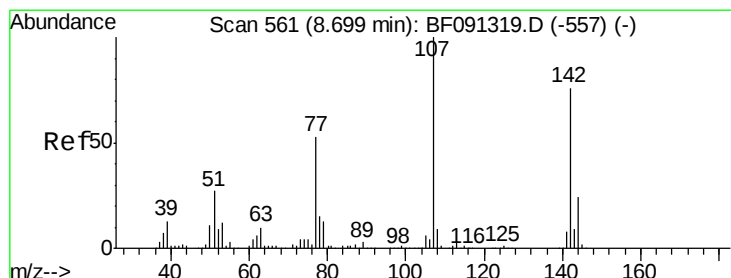
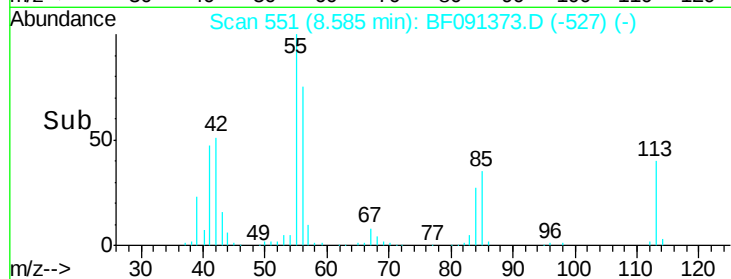
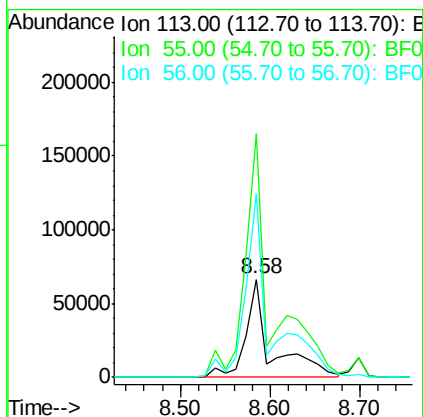
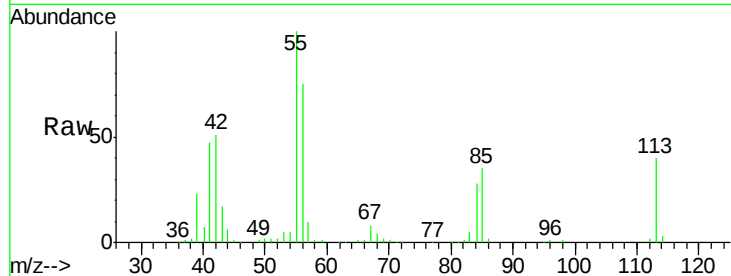
#35
Caprolactam
Concen: 40.42 ng/ml
RT: 8.58 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	249.2	239.8	279.8
56	187.5	165.6	205.6

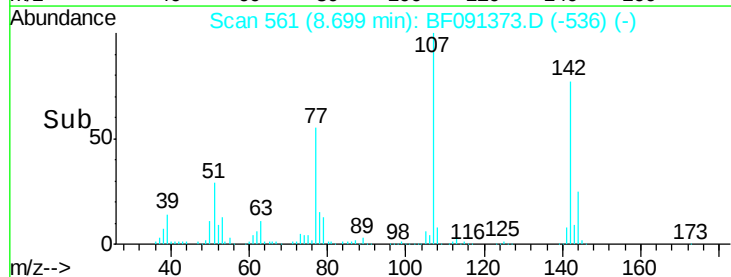
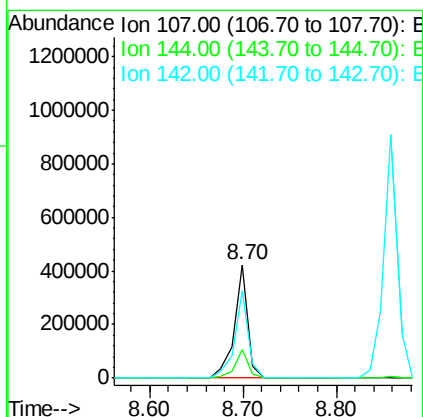
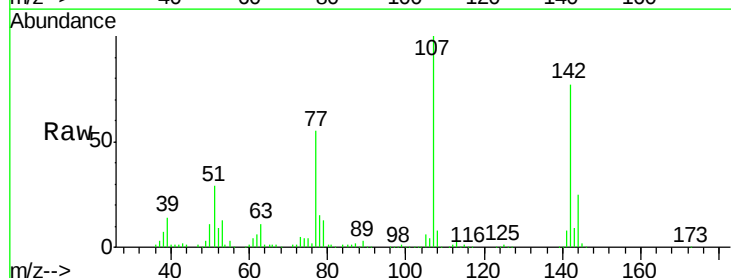
Manual Integrations
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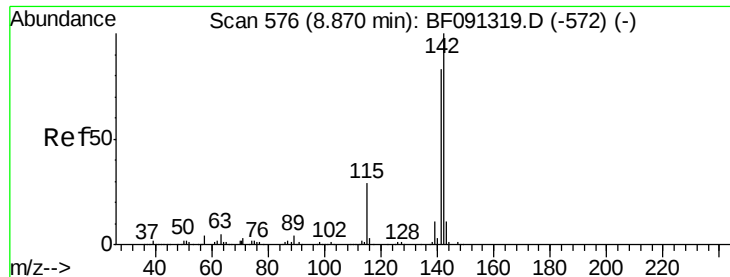
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#36
4-Chloro-3-methylphenol
Concen: 35.11 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.9	28.3
142	77.0	58.5	87.7





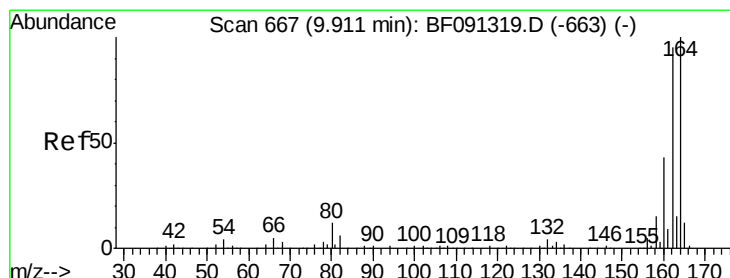
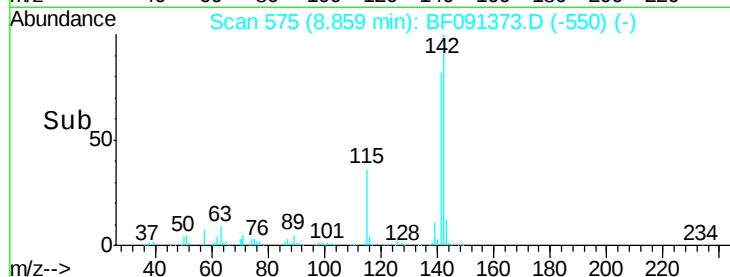
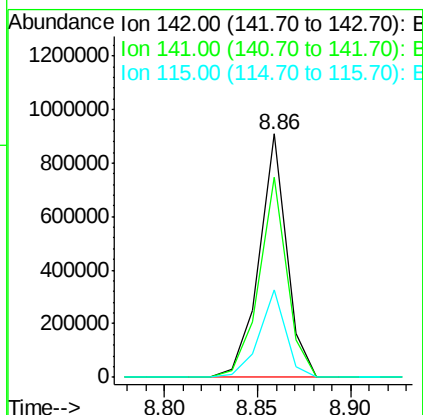
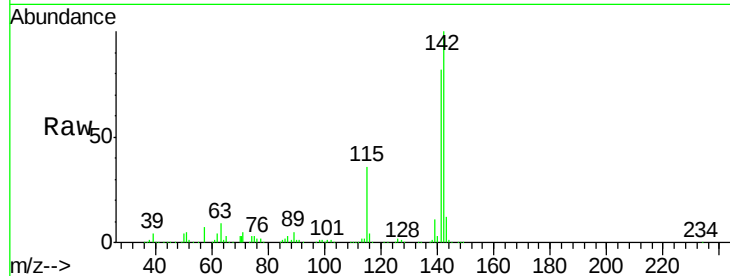
#37
2-Methylnaphthalene
Concen: 35.17 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.4	71.7	107.5
115	35.9	25.0	37.6

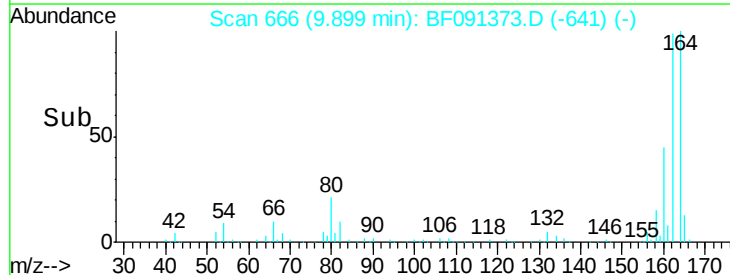
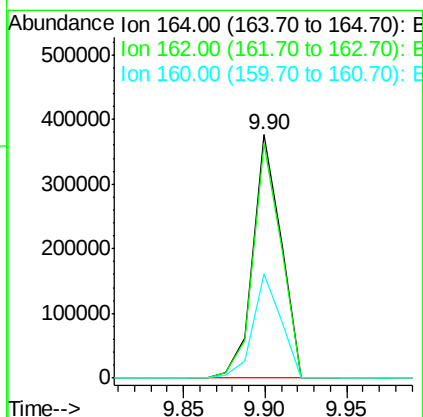
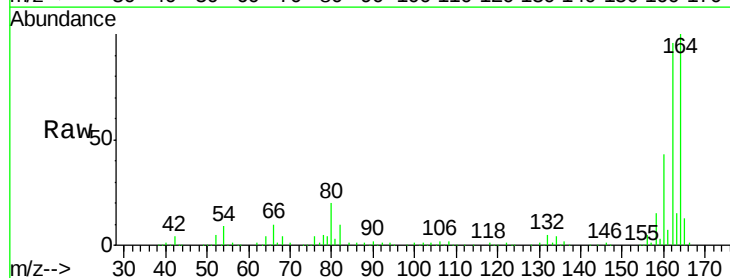
Manual Integrations
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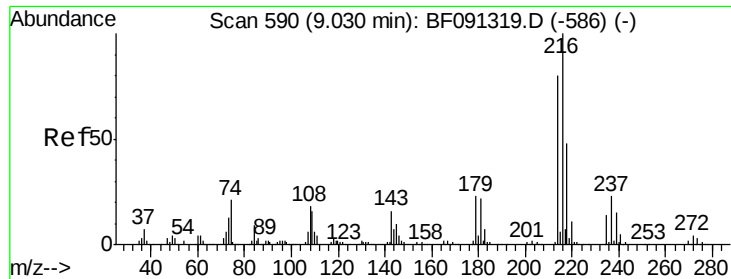
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	82.6	124.0
160	43.0	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.03 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

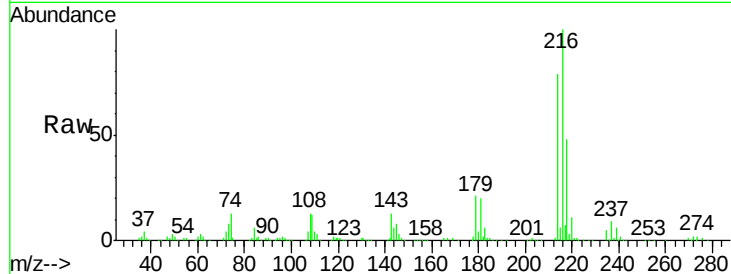
ClientSampleId :

PB94983BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		469876		
214	80.0		63.8	95.8	
179	21.6		18.2	27.2	
108	19.1		17.2	25.8	

Manual Integrations
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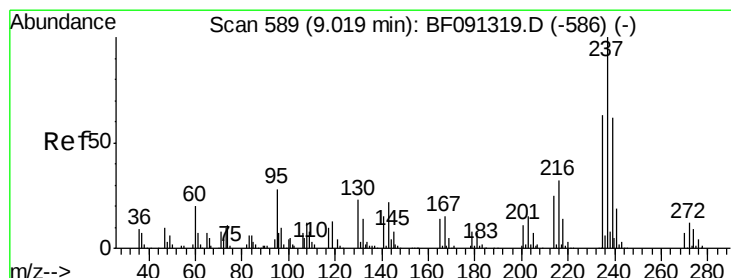
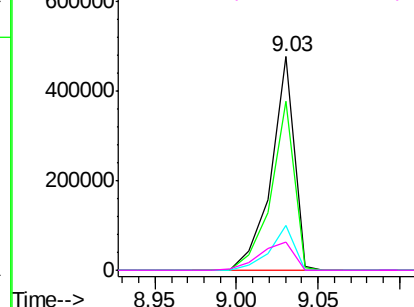
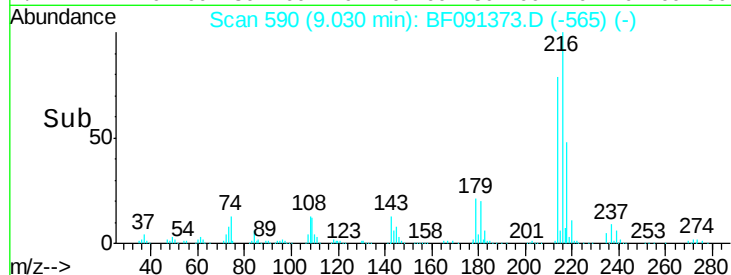


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.01 ng

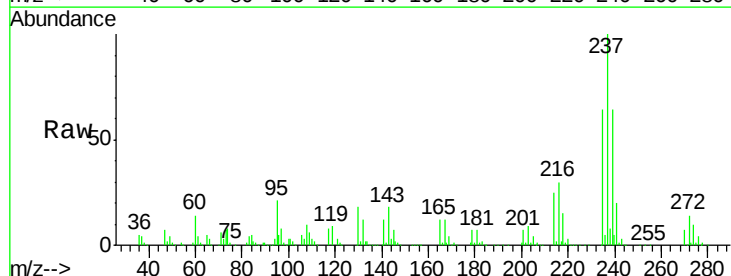
RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

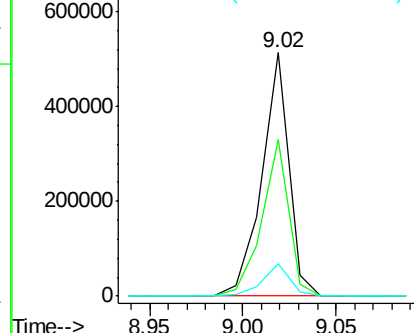
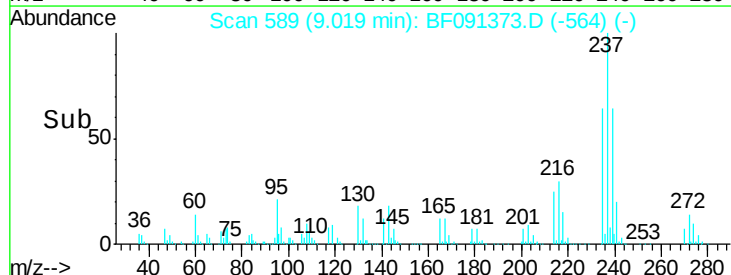
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		511768		
235	64.2		43.9	83.9	
272	13.5		0.0	33.1	

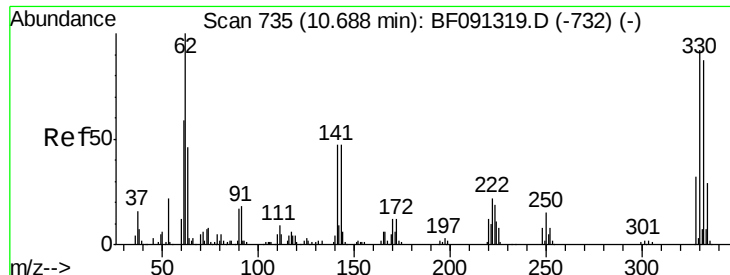


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





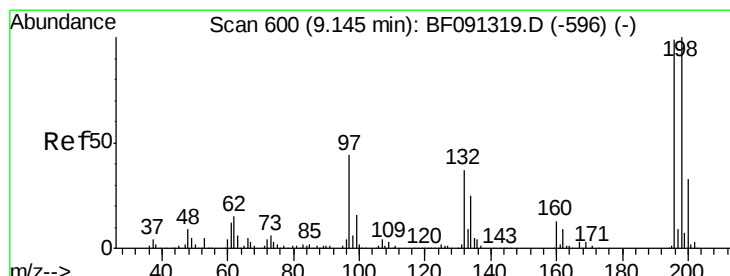
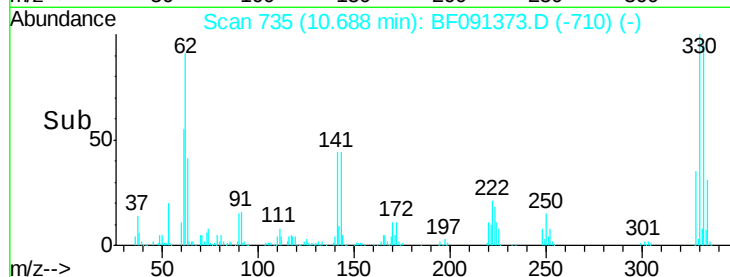
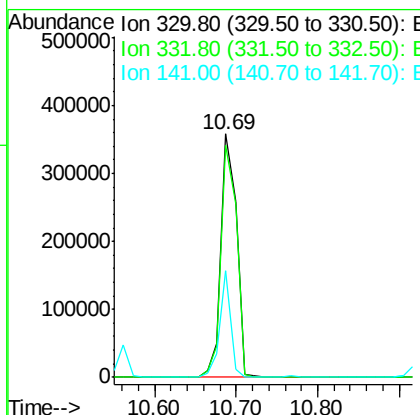
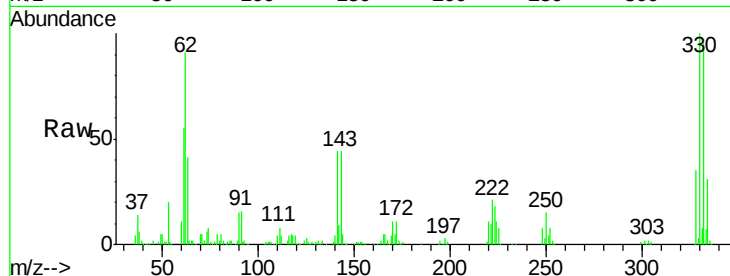
#41
 2,4,6-Tribromophenol
 Concen: 110.40 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	470443		
332	96.1	76.2	114.4	
141	30.8	33.6	50.4#	

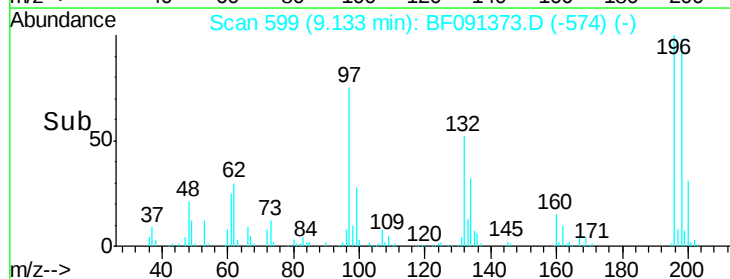
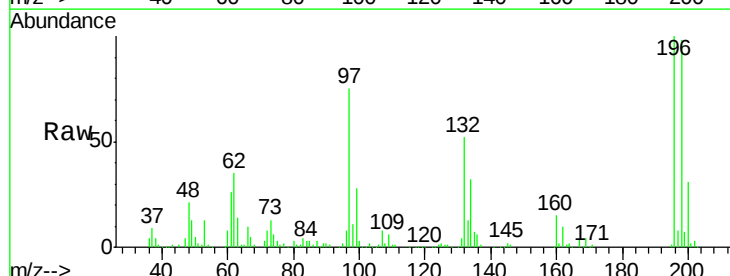
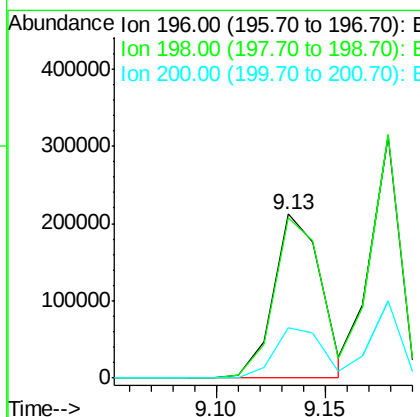
Manual Integrations
 APPROVED

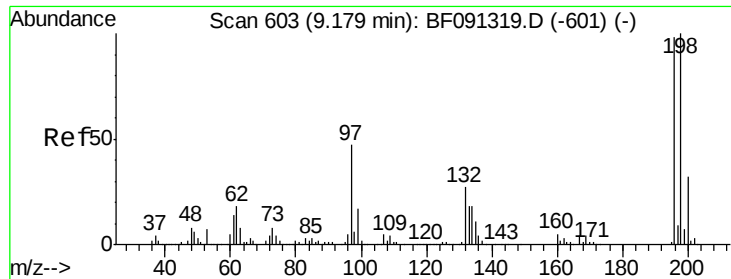
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 12/2/2016 4:20:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.55 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317947		
198	98.2	77.4	116.0	
200	30.5	25.2	37.8	





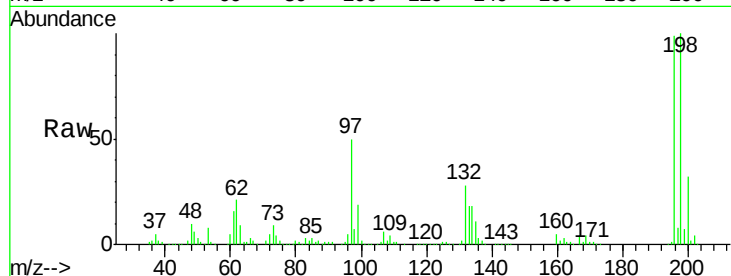
#43
 2,4,5-Trichlorophenol
 Concen: 36.24 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampled :
 PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	299489		
198	100.6	77.0	115.6	
97	50.3	33.5	50.3	
132	27.8	20.5	30.7	

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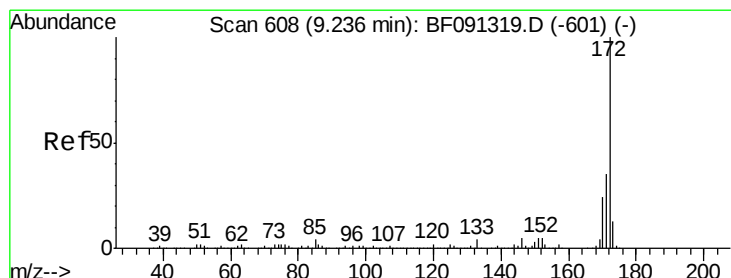
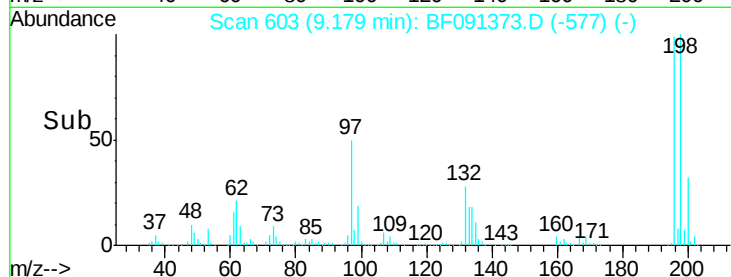
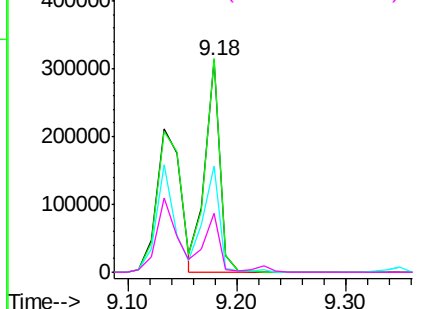
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

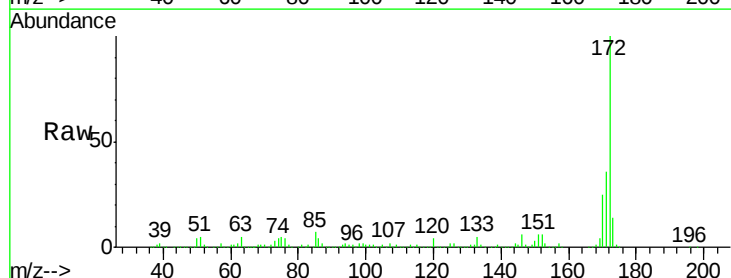
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.21 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1844752		
171	36.4	29.4	44.0	
170	24.6	19.7	29.5	

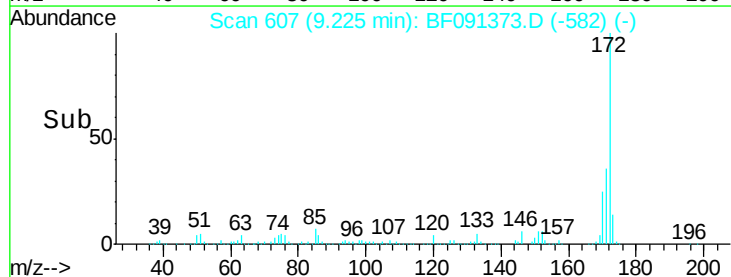
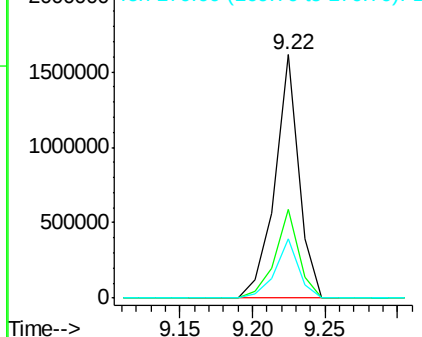


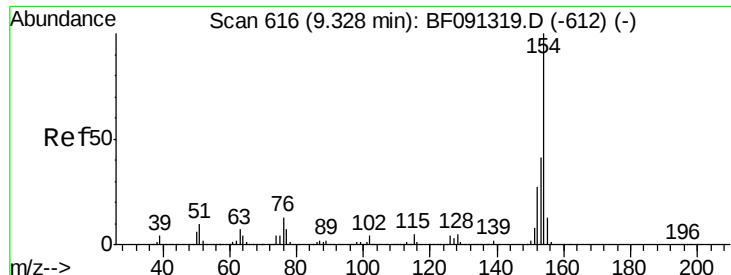
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





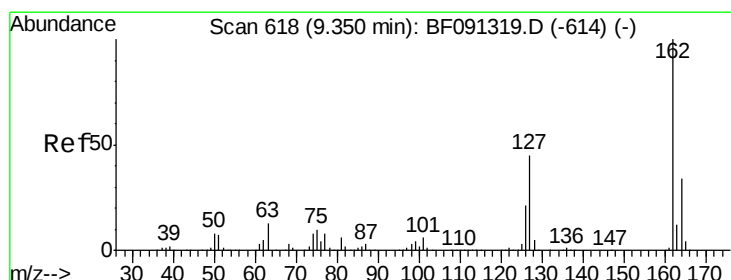
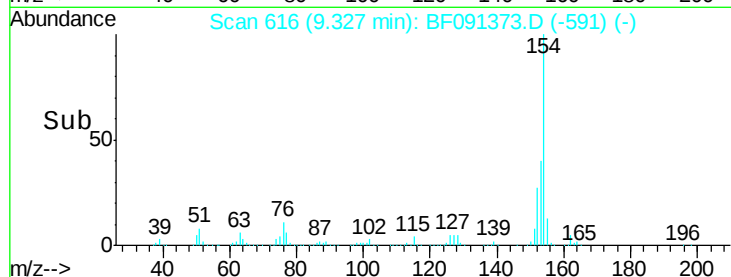
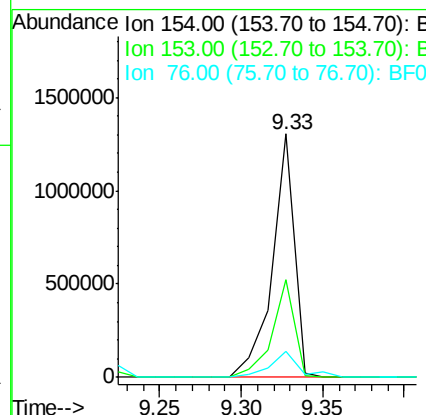
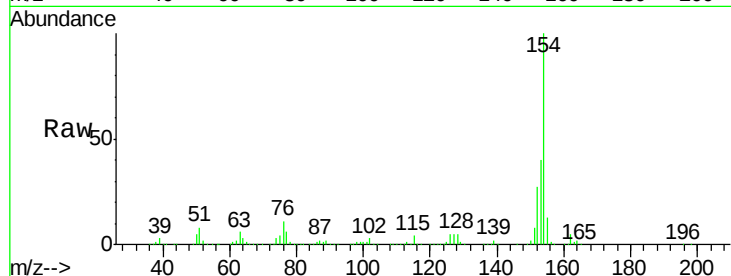
#45
 1,1'-Biphenyl
 Concen: 37.91 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	10.5	0.0	36.6

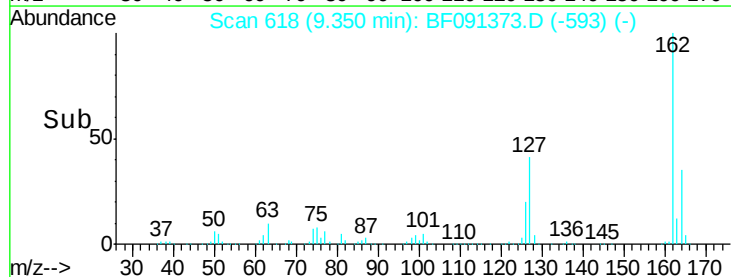
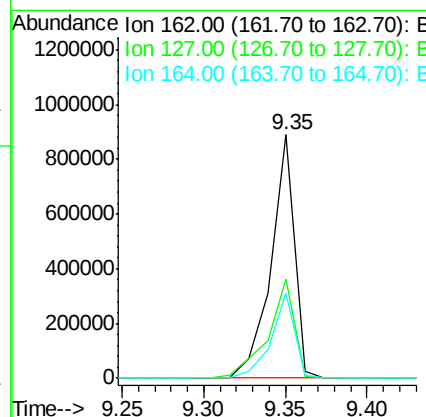
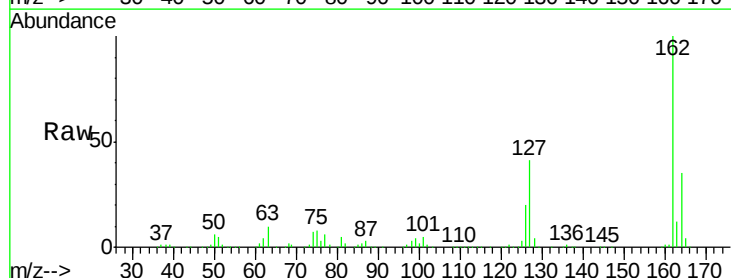
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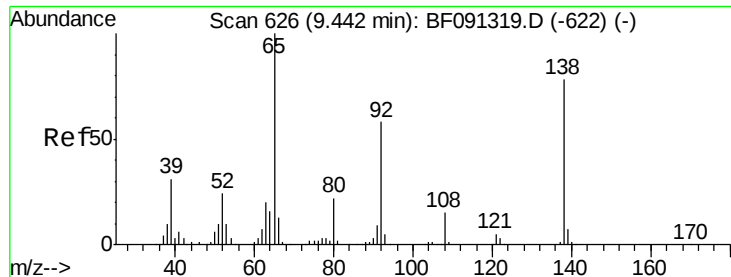
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#46
 2-Chloronaphthalene
 Concen: 37.05 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.3	51.5
164	34.7	26.6	40.0





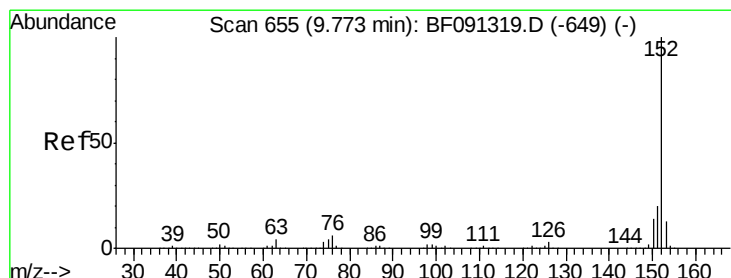
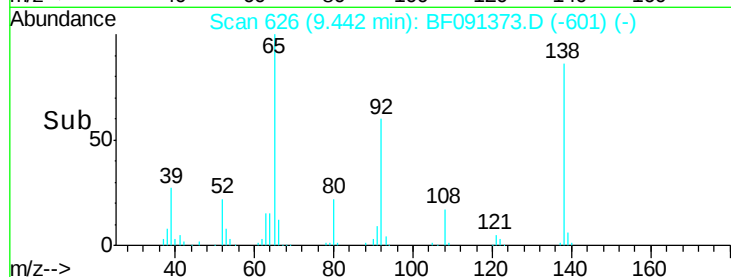
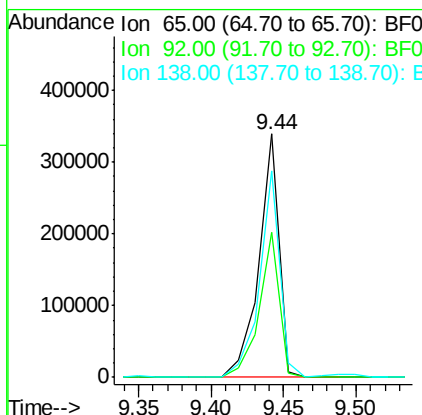
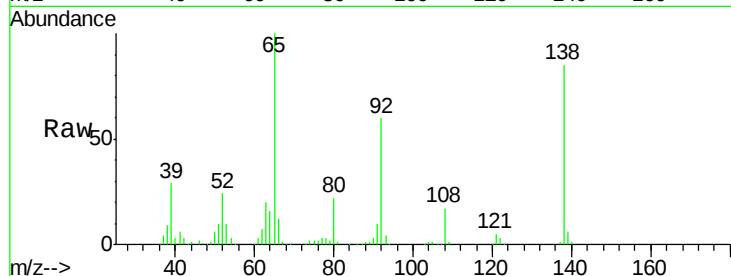
#47
2-Nitroaniline
Concen: 37.81 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	53.6	80.4
138	85.0	91.0	136.6

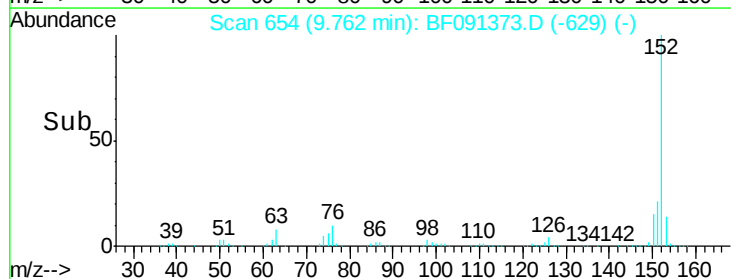
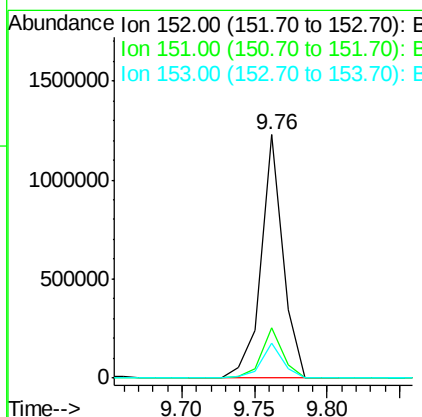
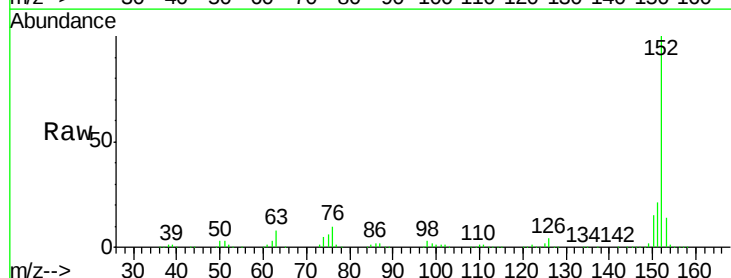
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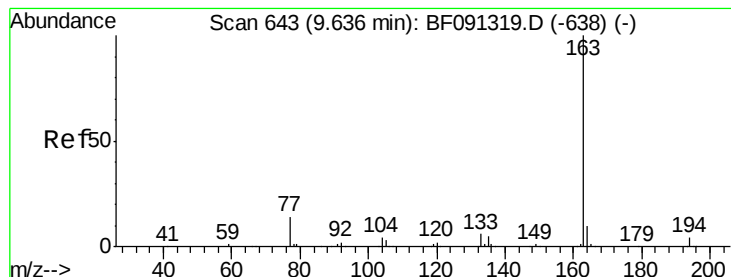
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#48
Acenaphthylene
Concen: 33.76 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.3	10.7	16.1





#49

Dimethylphthalate

Concen: 36.88 ng

RT: 9.62 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampleId :

PB94983BS

Tot Ion:163 Resp: 1005190

Ion Ratio Lower Upper

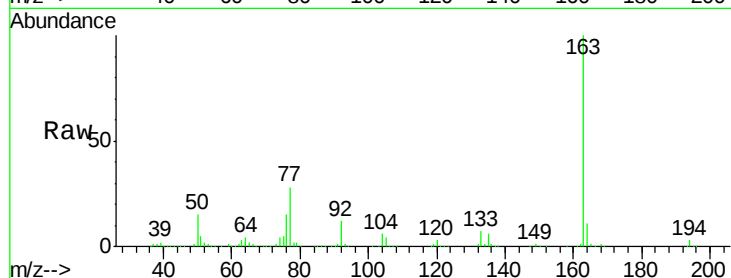
163 100

194 3.4 3.0 4.4

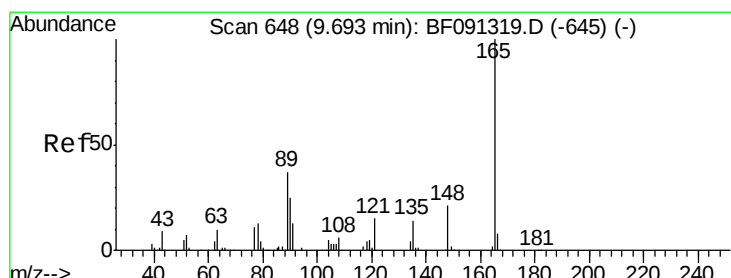
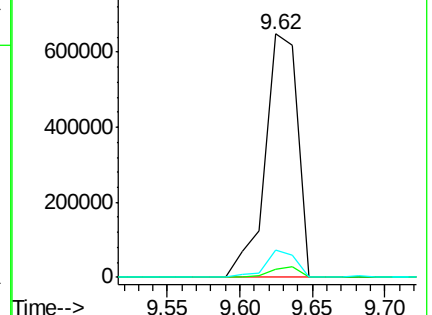
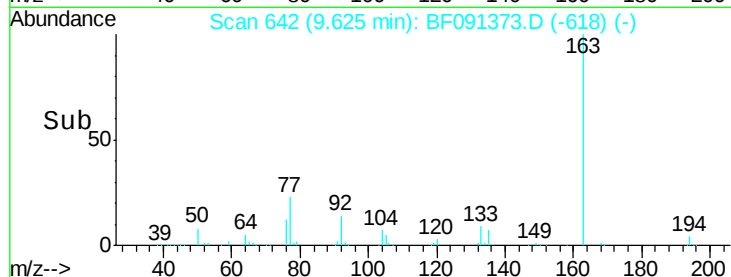
164 11.0 7.8 11.8

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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: 36.46 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

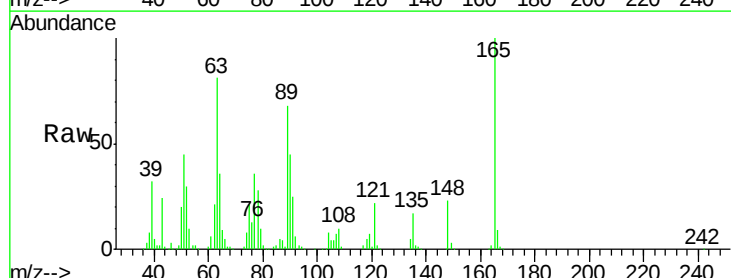
Tgt Ion:165 Resp: 222084

Ion Ratio Lower Upper

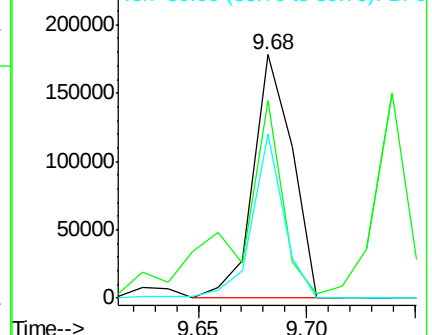
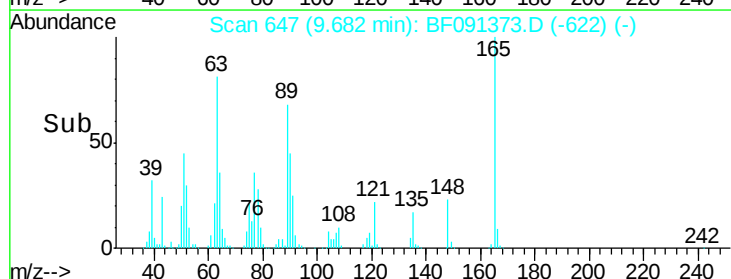
165 100

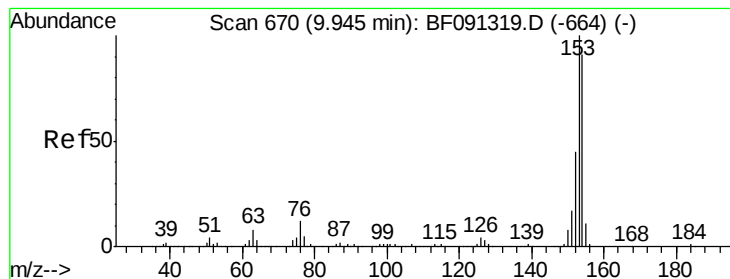
63 81.2 59.4 89.0

89 67.7 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: 35.00 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

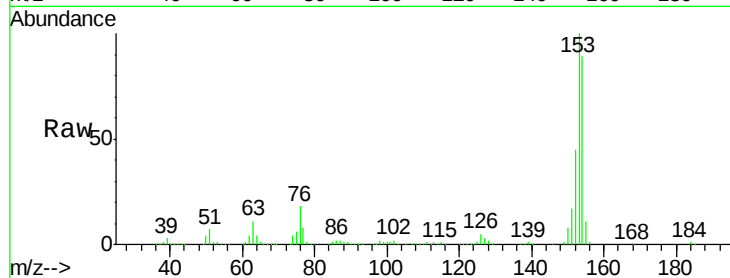
ClientSampled :

PB94983BS

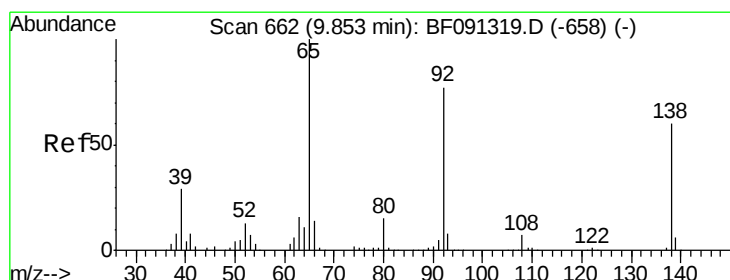
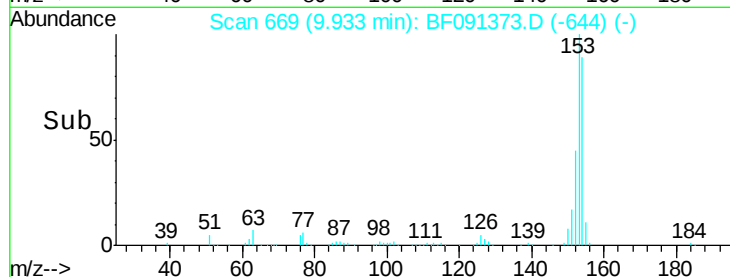
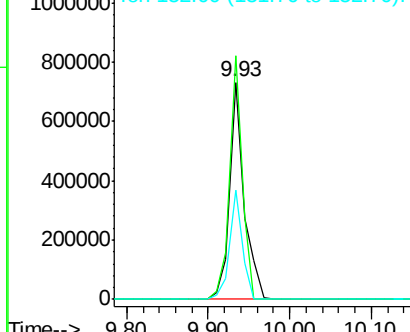
Tot Ion:	154	Resp:	895893
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.0	136.6
152	50.4	44.2	66.2

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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: 22.65 ng

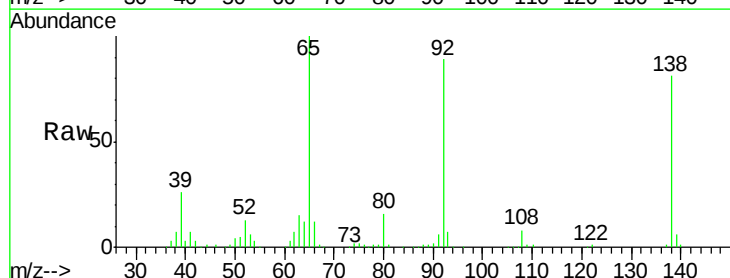
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

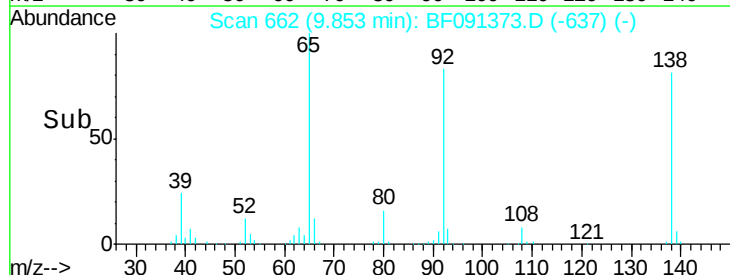
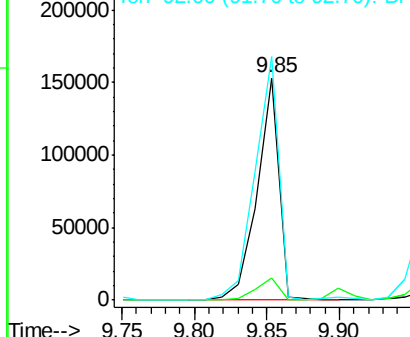
Lab File: BF091373.D

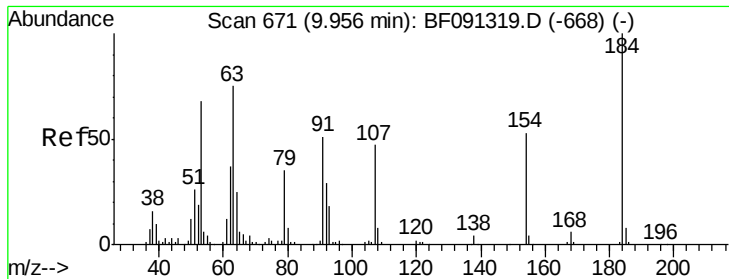
Acq: 1 Dec 2016 15:25

Tgt Ion:	138	Resp:	159730
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.1	12.1
92	109.8	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





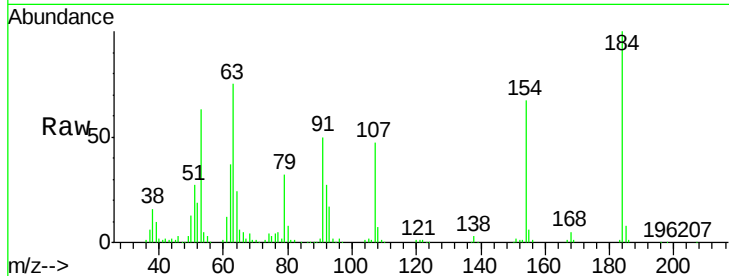
#53
2,4-Dinitrophenol
Concen: 63.26 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

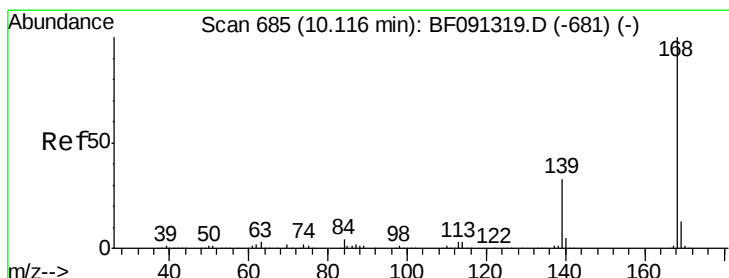
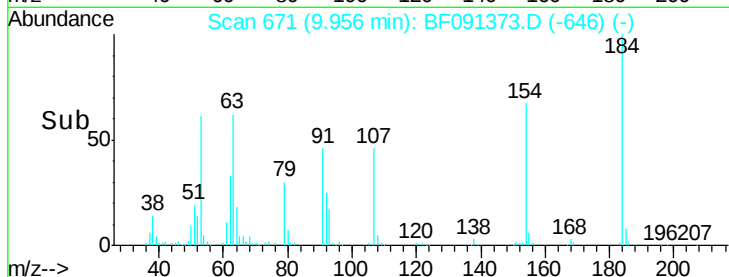
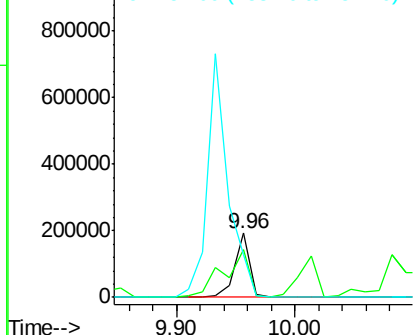
Tot Ion	Ratio	Resp	Lower	Upper
184	100	168516		
63	75.0	58.3	87.5	
154	67.2	48.6	73.0	

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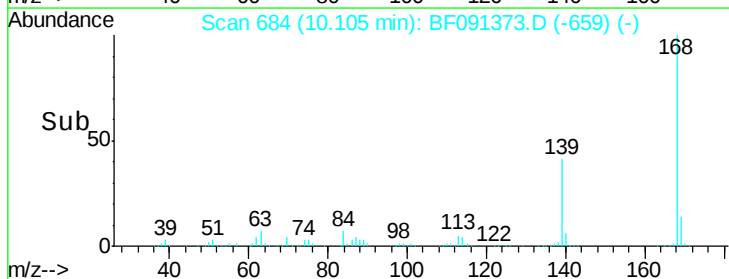
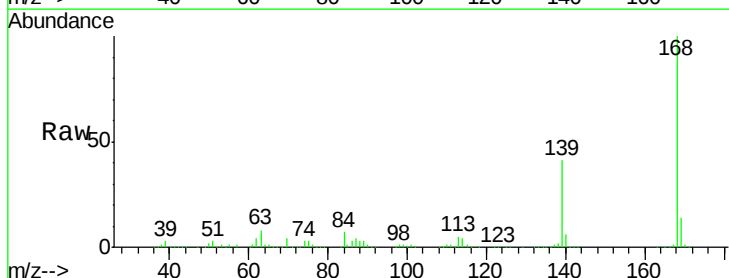
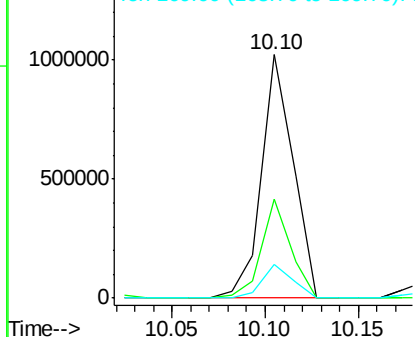
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

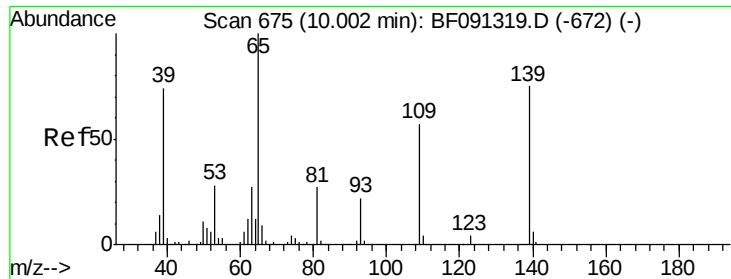


#54
Dibenzofuran
Concen: 34.84 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1194073		
139	40.6	33.4	50.2	
169	13.8	11.1	16.7	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 67.95 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

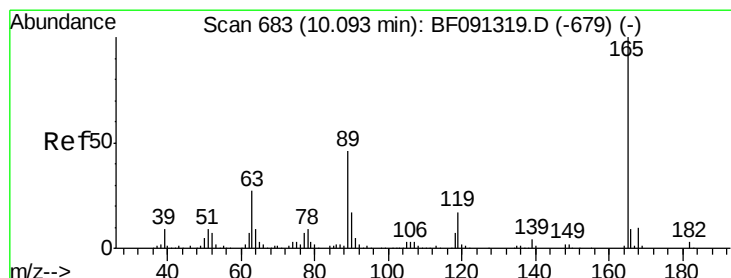
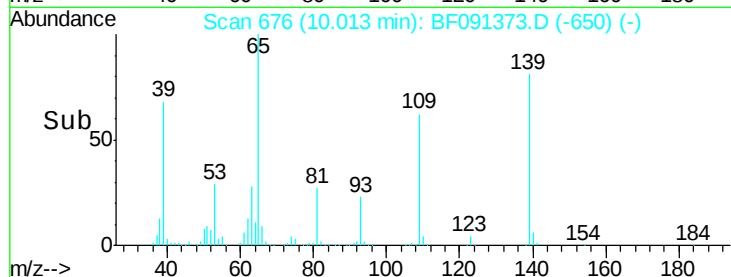
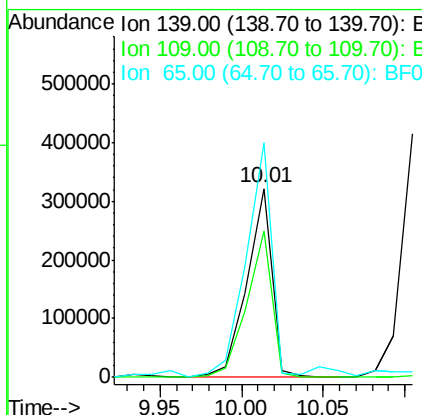
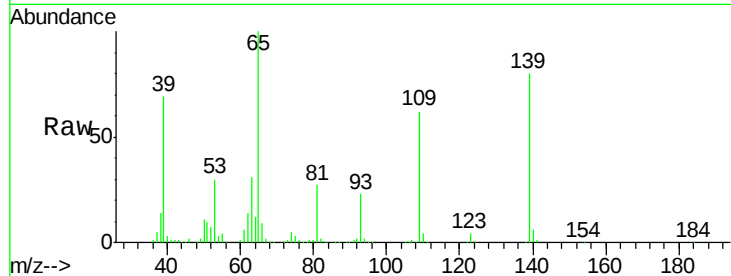
ClientSampled :

PB94983BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.2	54.9	94.9
65	124.3	102.2	142.2

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#56

2,4-Dinitrotoluene

Concen: 41.23 ng

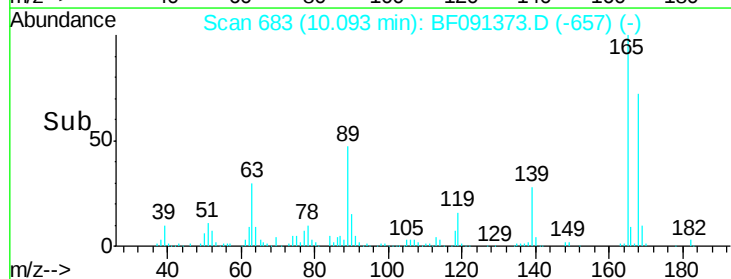
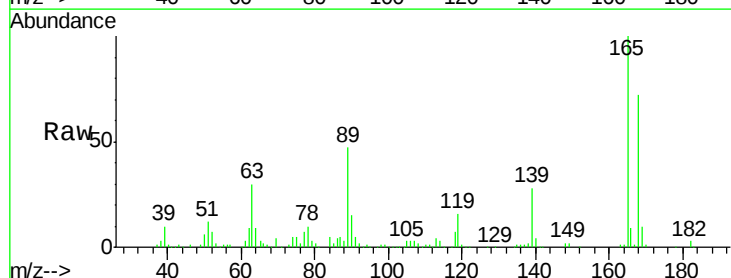
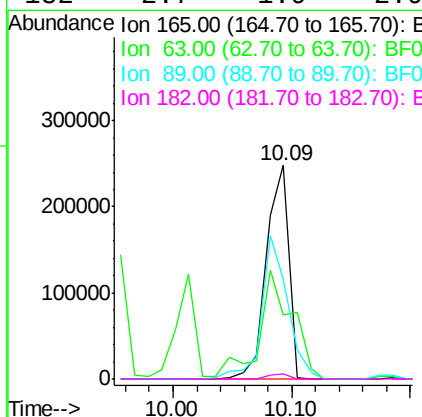
RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.1	29.0	43.4
89	46.7	43.1	64.7
182	2.7	1.9	2.9





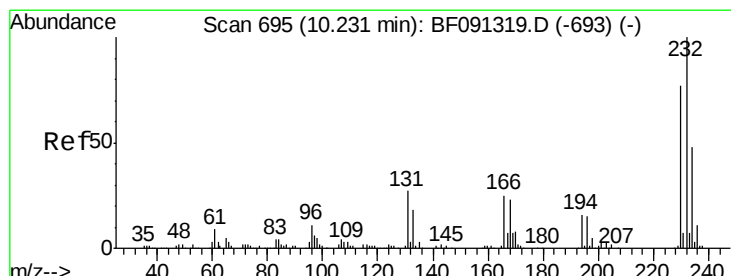
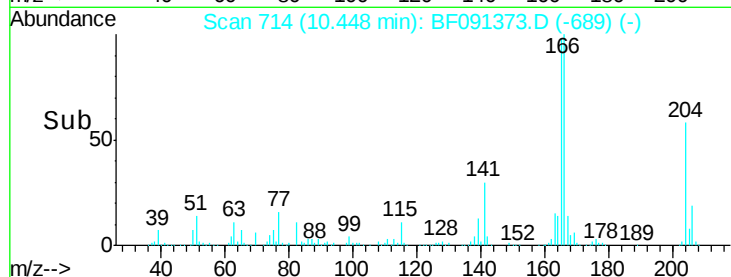
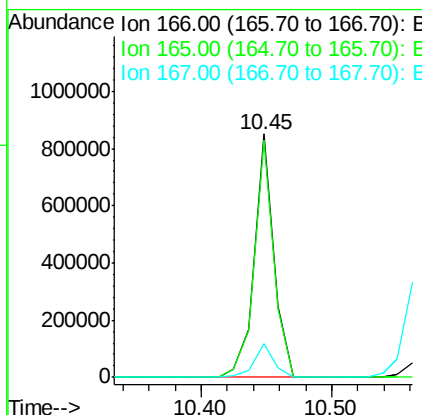
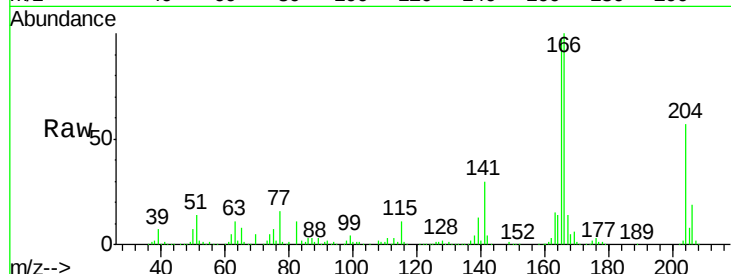
#57
Fluorene
 Concen: 33.81 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampled :
 PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	889430		
165	97.5	80.0	120.0	
167	13.6	10.8	16.2	

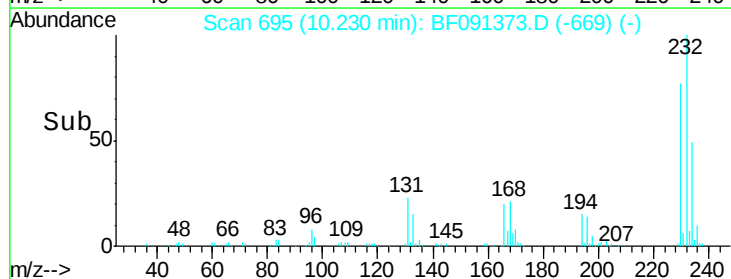
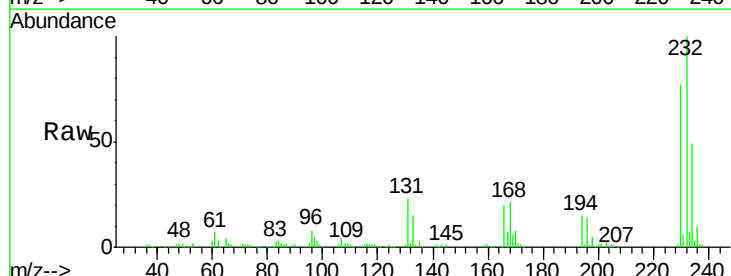
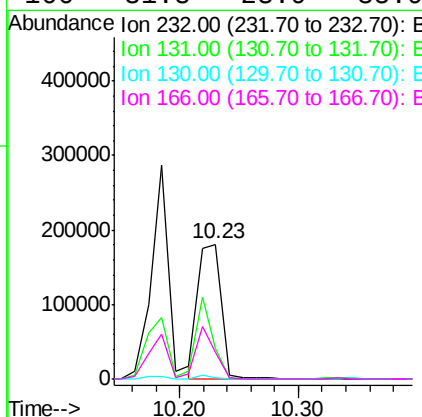
Manual Integrations
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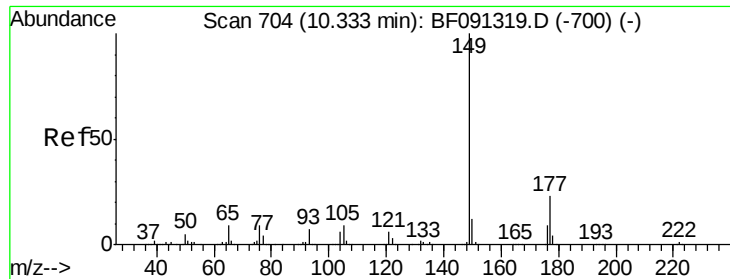
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.60 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	251238		
131	45.3	38.4	57.6	
130	2.2	1.8	2.8	
166	31.8	23.9	35.9	





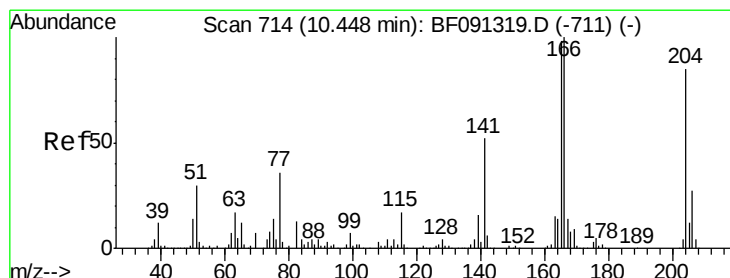
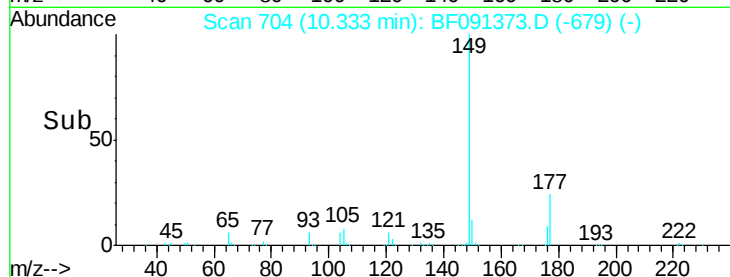
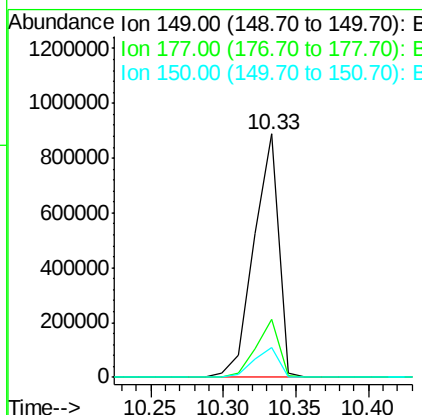
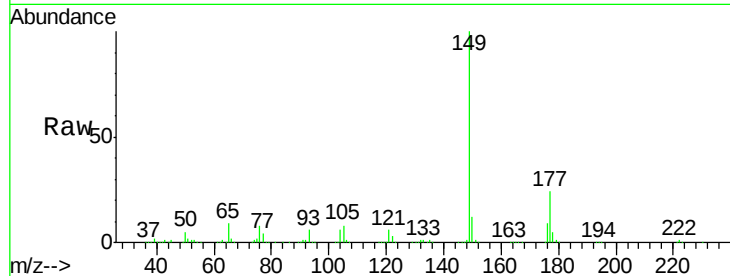
#59
Diethylphthalate
Concen: 38.94 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion:149 Resp: 1047612
Ion Ratio Lower Upper
149 100
177 23.9 15.7 23.5#
150 12.3 10.2 15.2

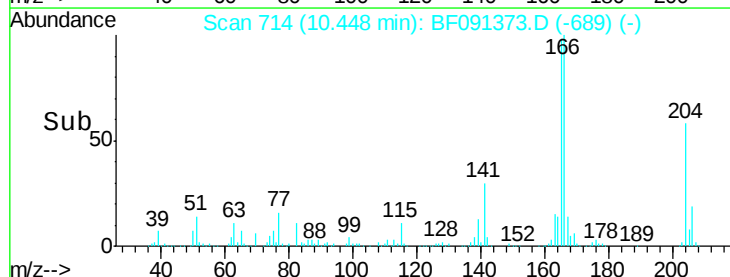
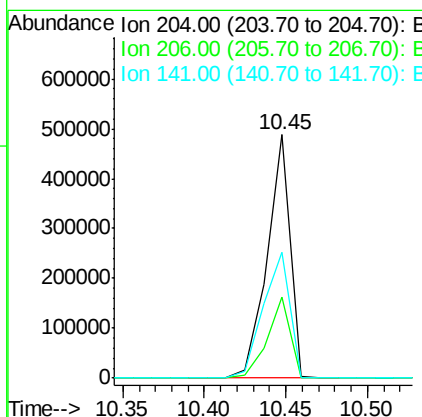
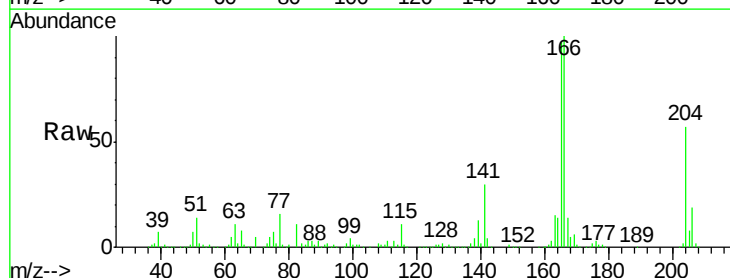
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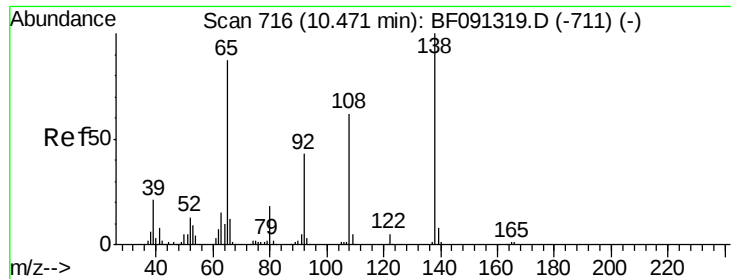
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#60
4-Chlorophenyl-phenylether
Concen: 36.30 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion:204 Resp: 479052
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 51.6 40.6 61.0





#61

4-Nitroaniline

Concen: 34.89 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

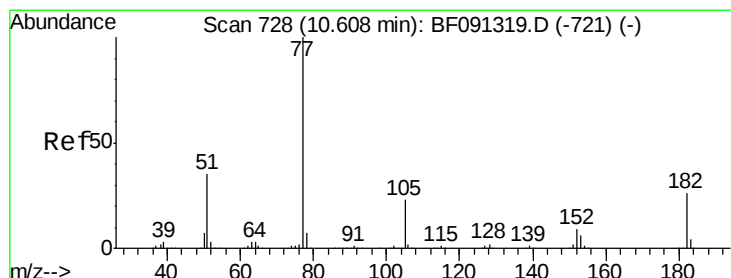
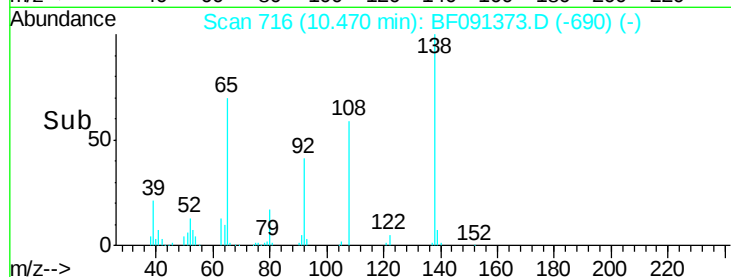
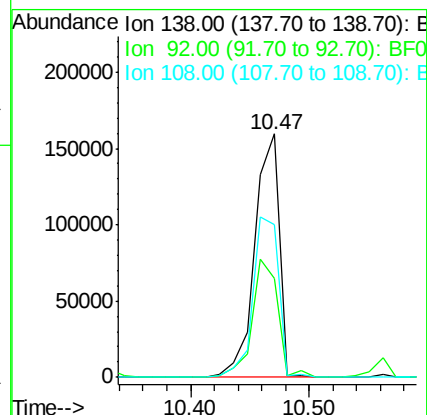
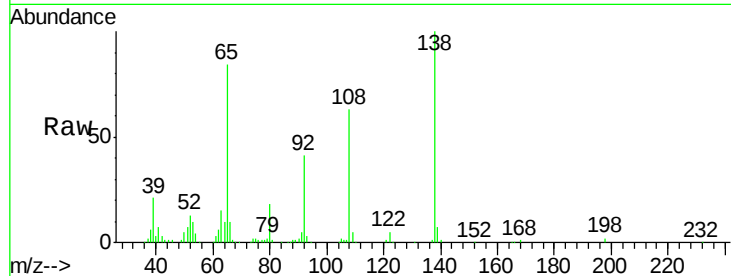
ClientSampleId :

PB94983BS

Tot Ion:	138	Resp:	231017
Ion Ratio	Lower	Upper	
138	100		
92	40.6	26.9	66.9
108	62.7	49.1	89.1

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#62

Azobenzene

Concen: 41.58 ng

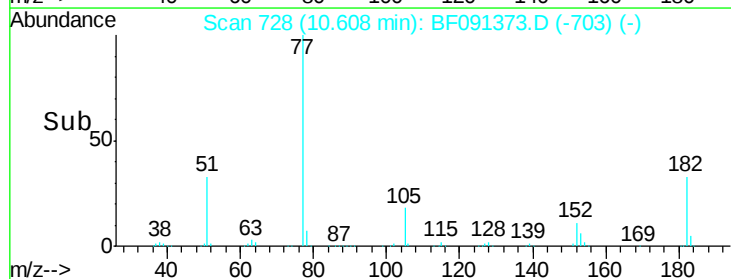
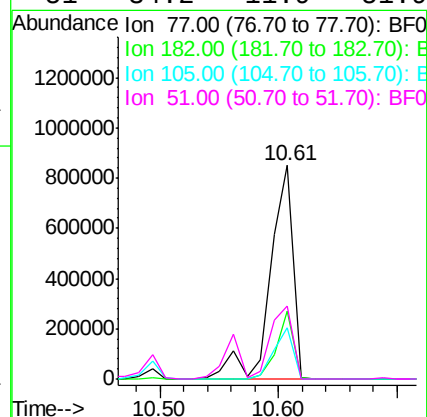
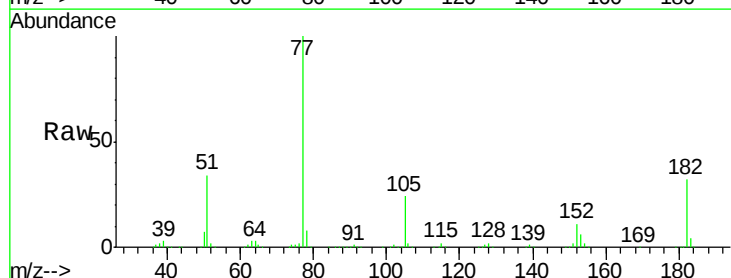
RT: 10.61 min Scan# 728

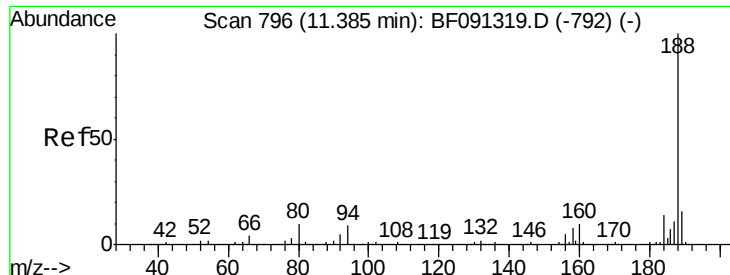
Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	77	Resp:	1141562
Ion Ratio	Lower	Upper	
77	100		
182	31.6	12.5	52.5
105	24.2	3.7	43.7
51	34.2	11.9	51.9





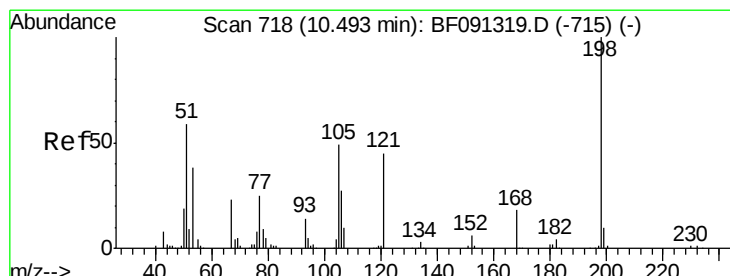
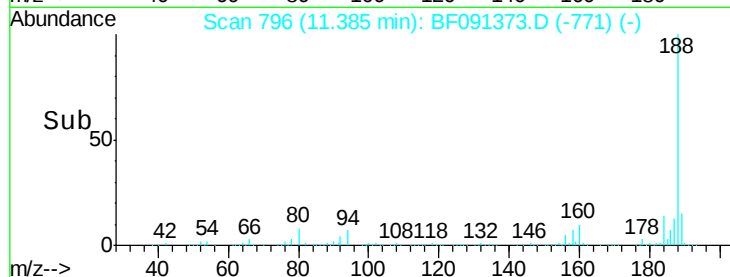
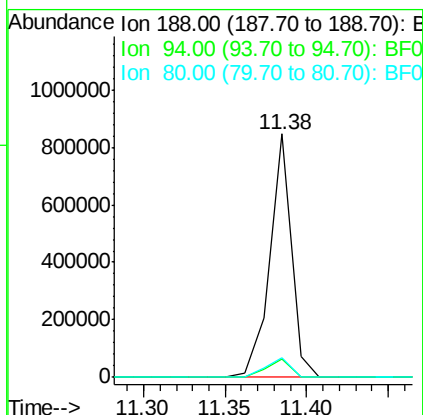
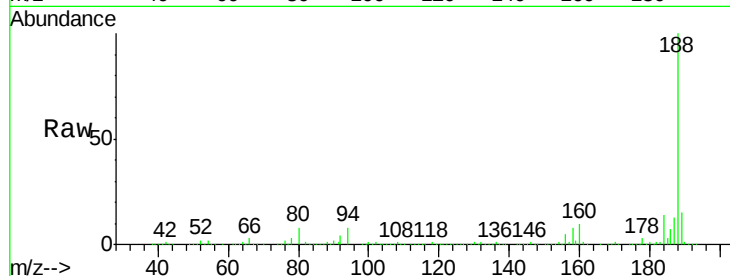
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampled :
 PB94983BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	9.2	13.8#
80	7.9	10.5	15.7#

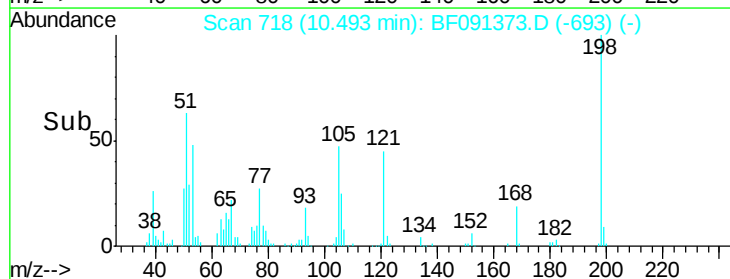
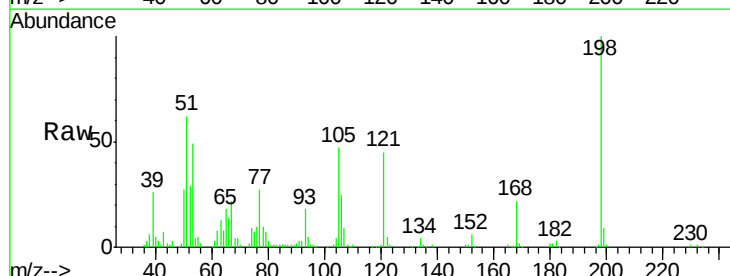
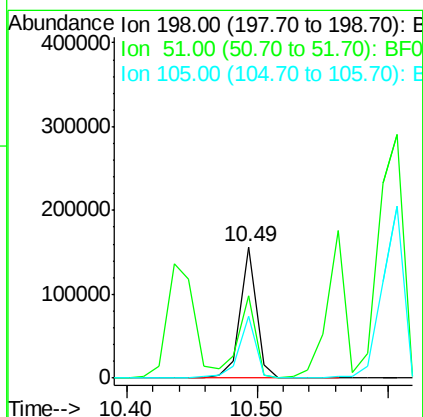
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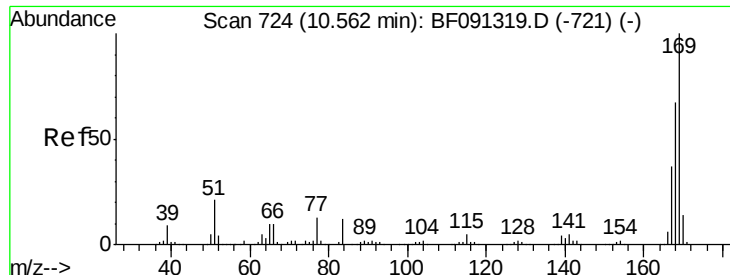
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.54 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	62.4	77.1	117.1#
105	46.8	44.8	84.8





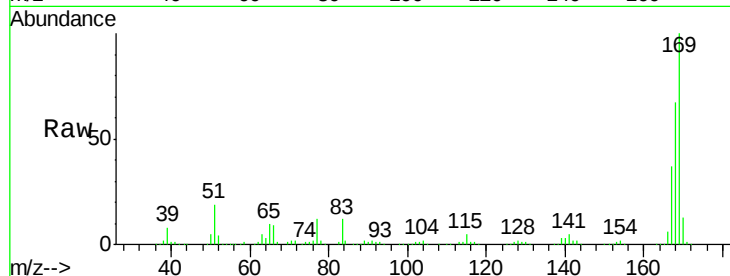
#65
n-Nitrosodiphenylamine
Concen: 34.81 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		828747		
168	67.3	53.8		80.8	
167	36.7	29.8		44.8	

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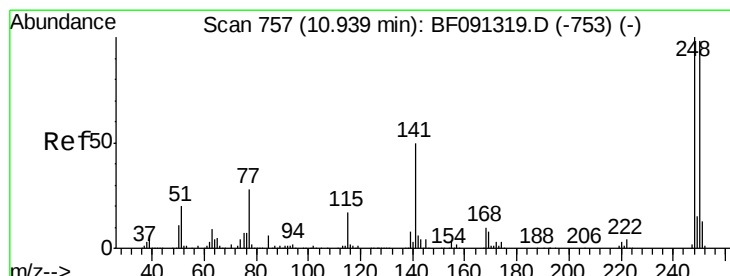
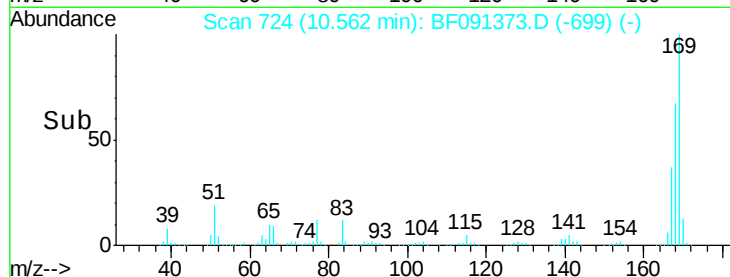
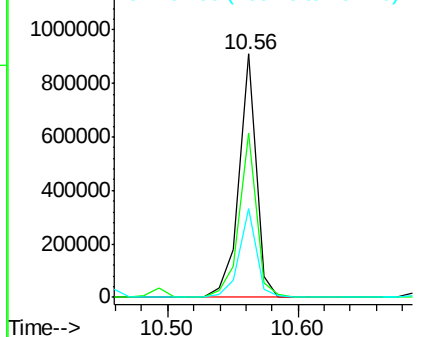


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 36.90 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

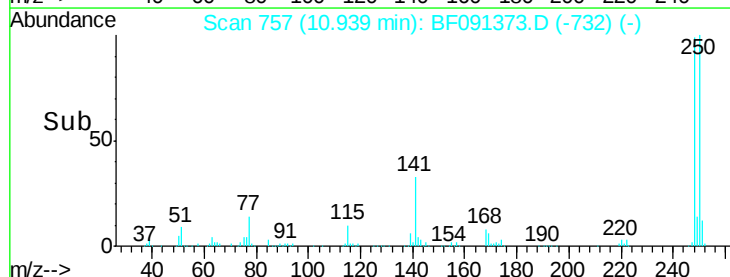
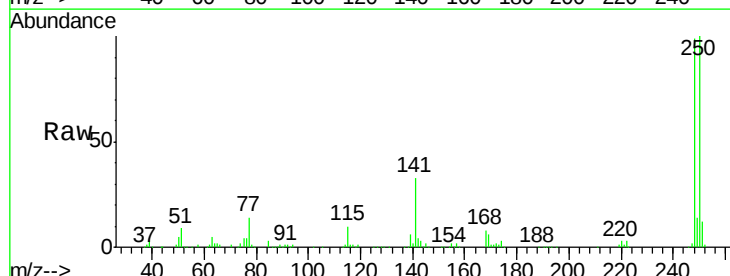
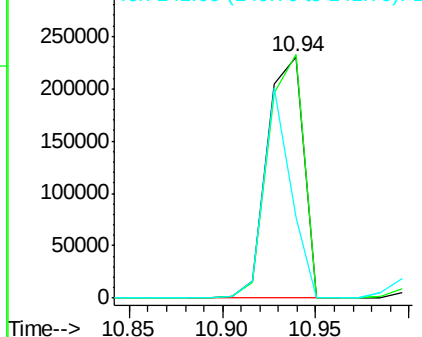
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		311411		
250	100.9	78.2		117.4	
141	33.7	71.9		107.9#	

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





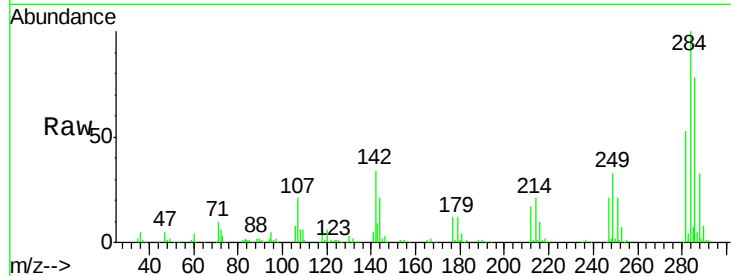
#67
Hexachlorobenzene
Concen: 34.11 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

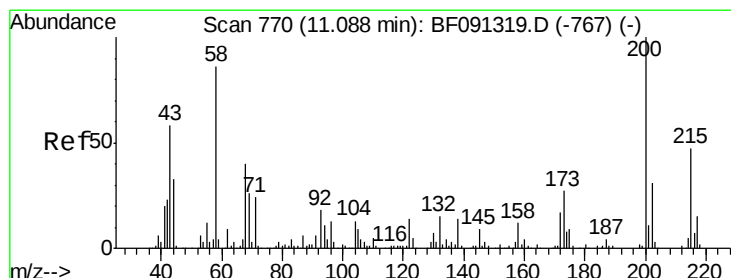
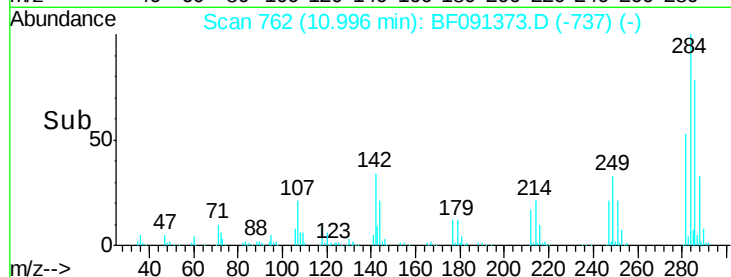
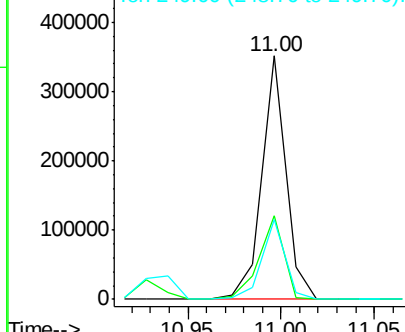
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.3	17.9	26.9	
249	33.0	23.6	35.4	

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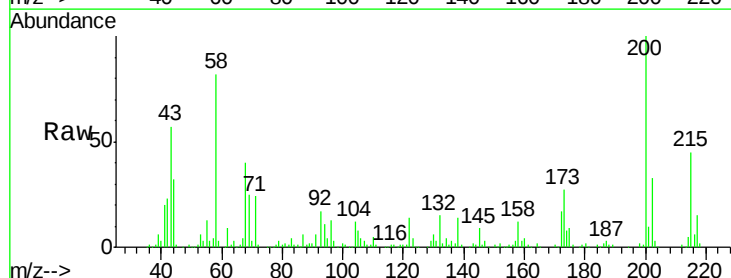


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

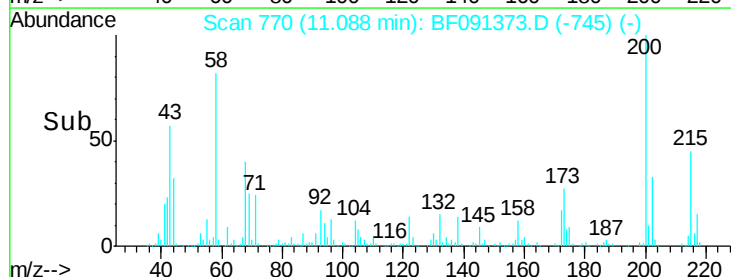
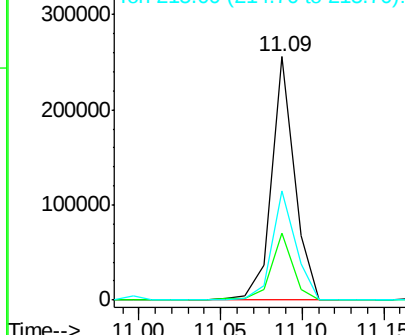


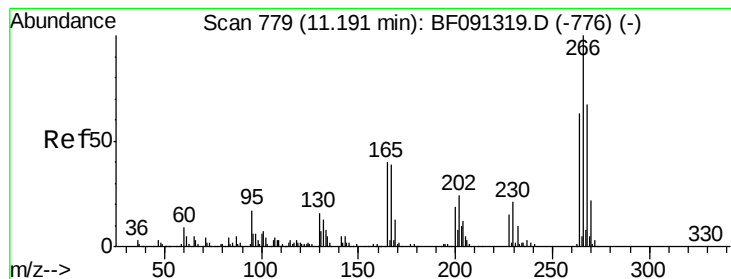
#68
Atrazine
Concen: 32.59 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	7.8	47.8	
215	44.7	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: 68.15 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

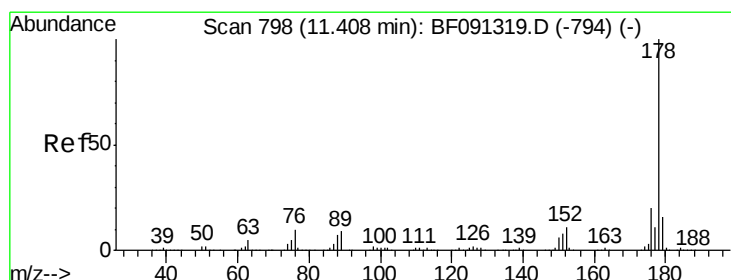
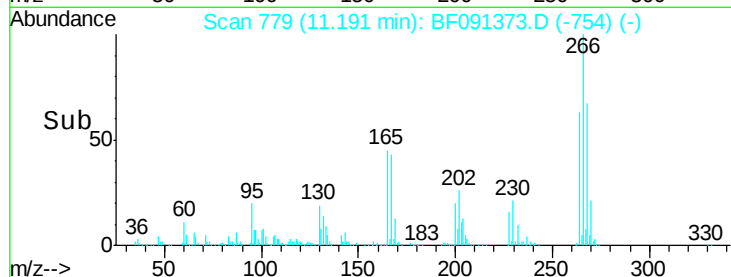
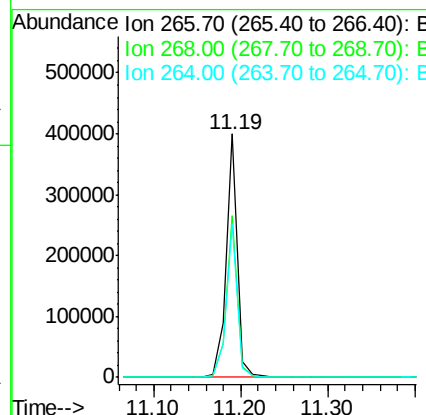
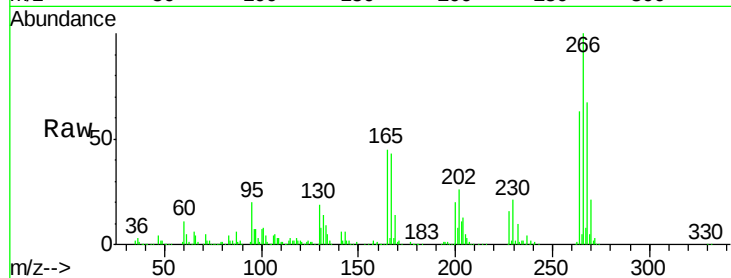
ClientSampled :

PB94983BS

Tot Ion:	266	Resp:	365889
Ion Ratio		Lower	Upper
266	100		
268	66.7	50.3	75.5
264	63.3	48.2	72.2

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#70

Phenanthrene

Concen: 32.90 ng

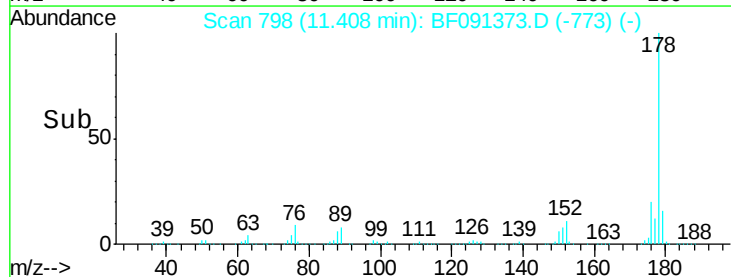
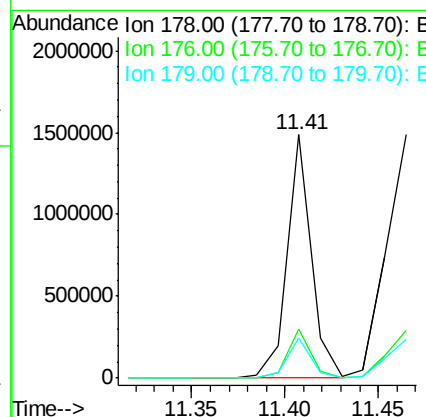
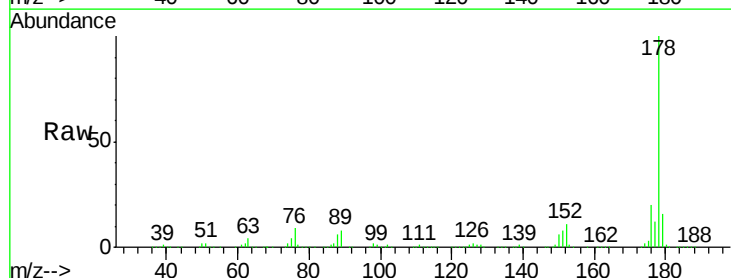
RT: 11.41 min Scan# 798

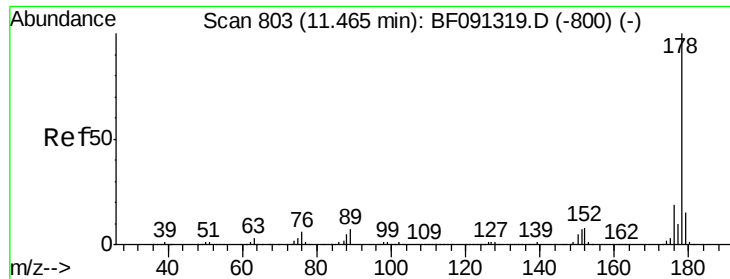
Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Tgt Ion:	178	Resp:	1342254
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.3	12.6	18.8





#71
 Anthracene
 Concen: 38.88 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

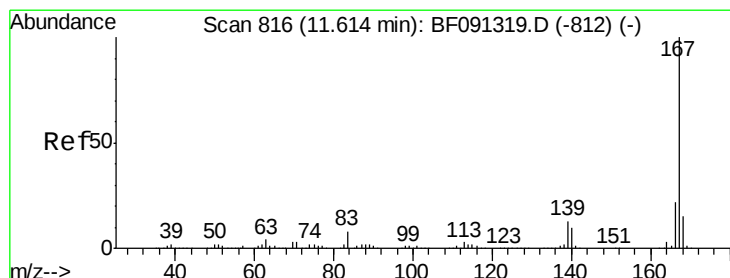
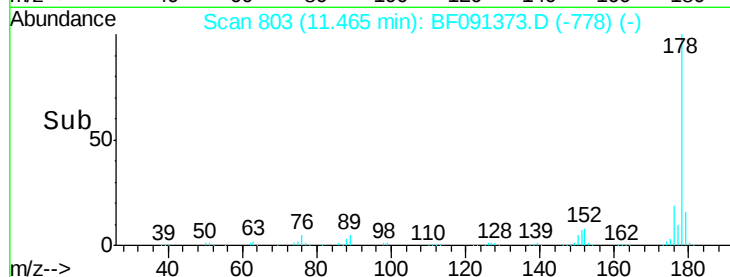
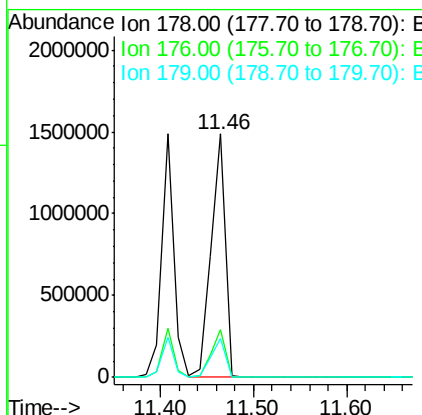
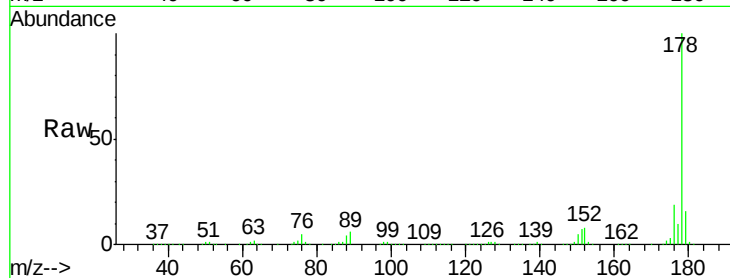
Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion:178 Resp: 1574270

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.8	12.7	19.1

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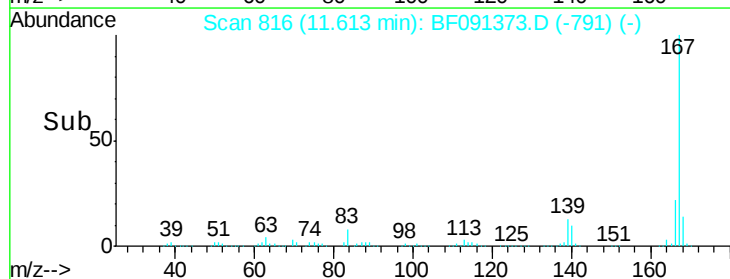
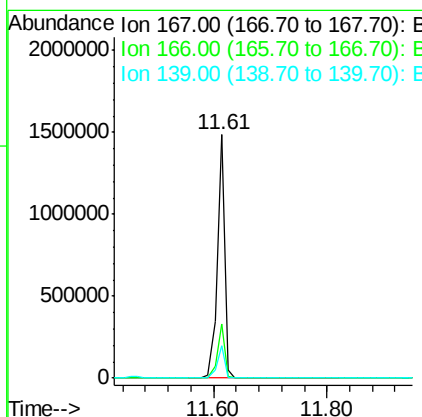
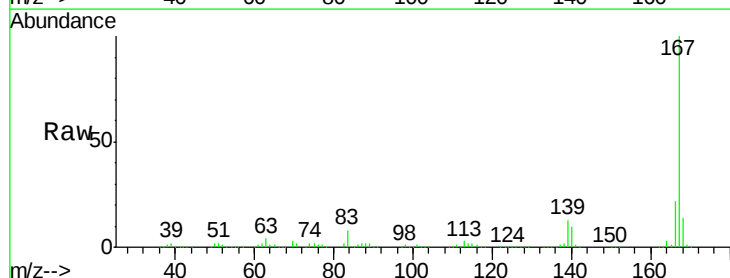
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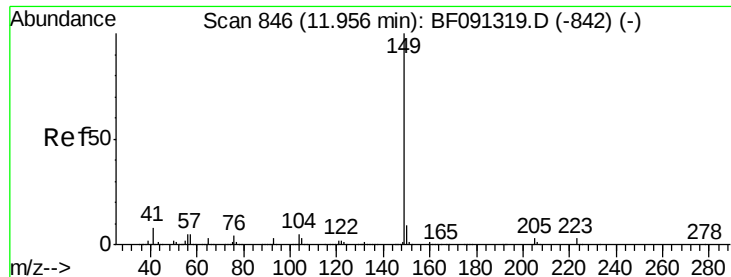


#72
 Carbazole
 Concen: 35.77 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion:167 Resp: 1314422

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.3	11.5	17.3





#73

Di-n-butylphthalate

Concen: 38.07 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampleId :

PB94983BS

Tot Ion:149 Resp: 1585271

Ion Ratio Lower Upper

149 100

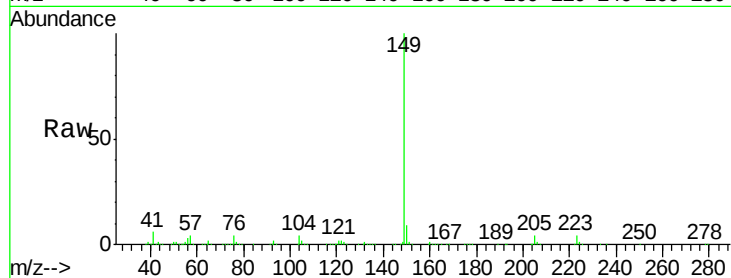
150 9.2 7.5 11.3

104 4.2 4.0 6.0

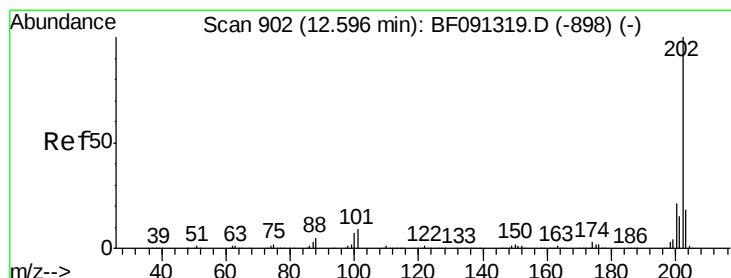
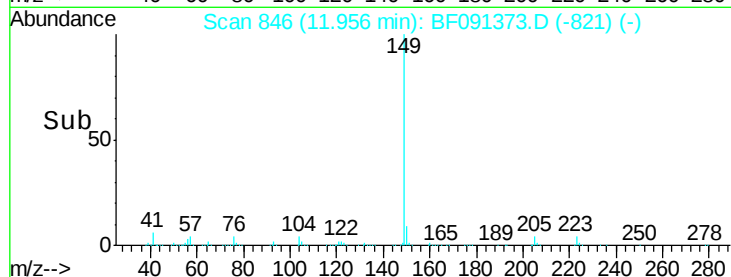
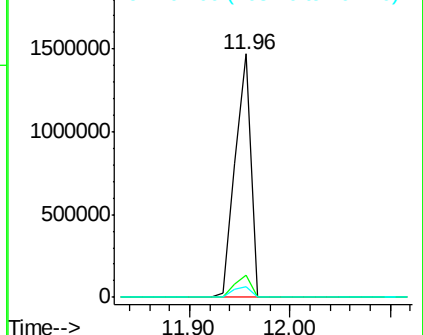
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.34 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

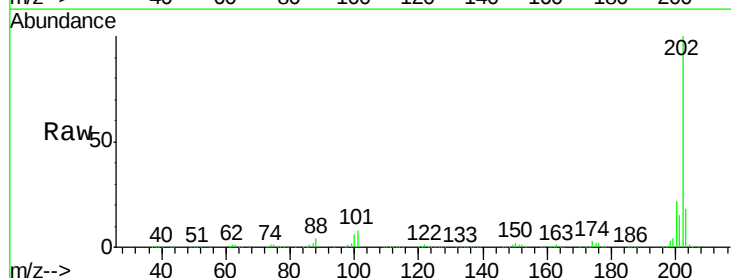
Tgt Ion:202 Resp: 1559004

Ion Ratio Lower Upper

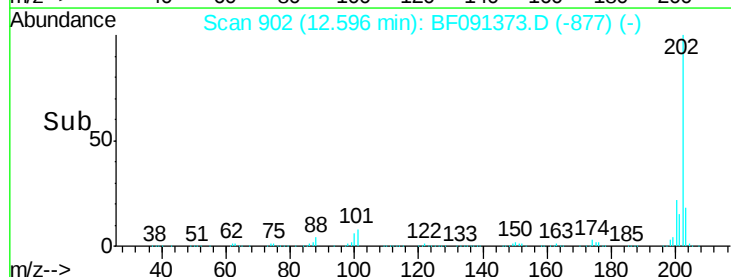
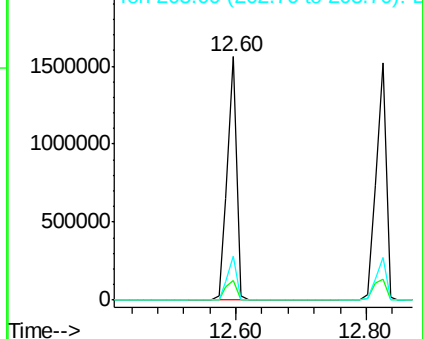
202 100

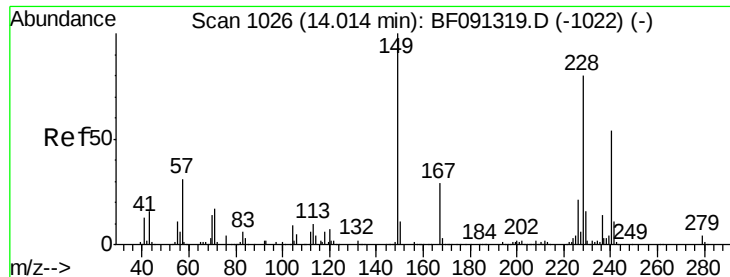
101 7.9 0.0 29.5

203 17.9 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





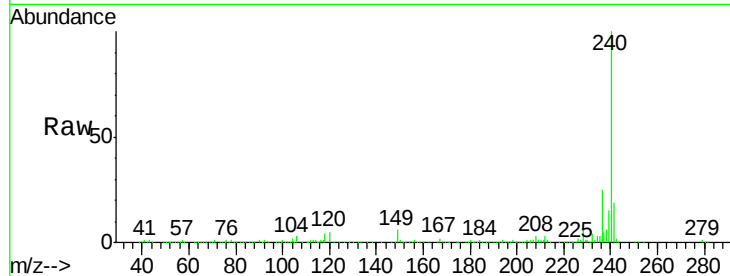
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

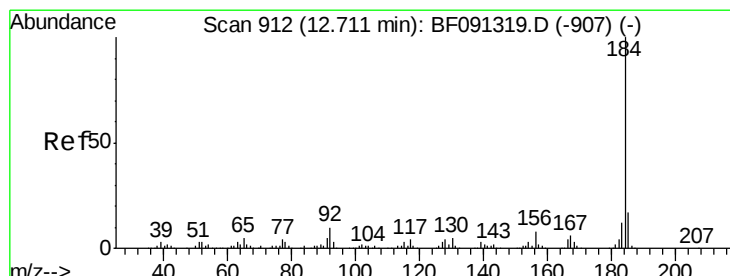
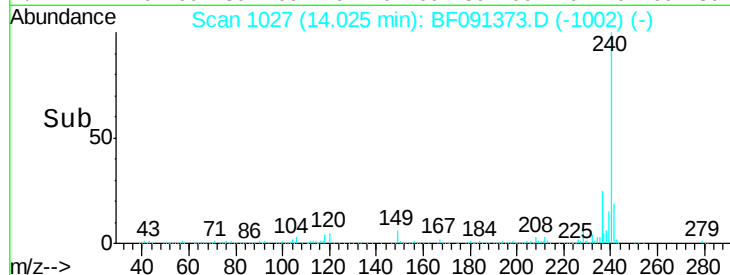
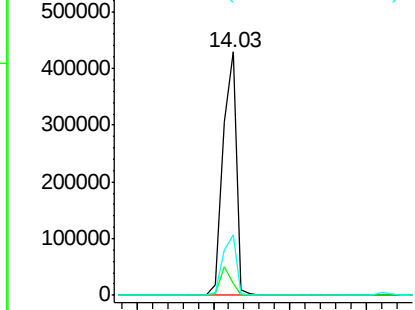
Tot Ion	Ratio	Resp	Lower	Upper
240	100	529295		
120	4.9	12.1	18.1	#
236	24.7	21.0	31.6	

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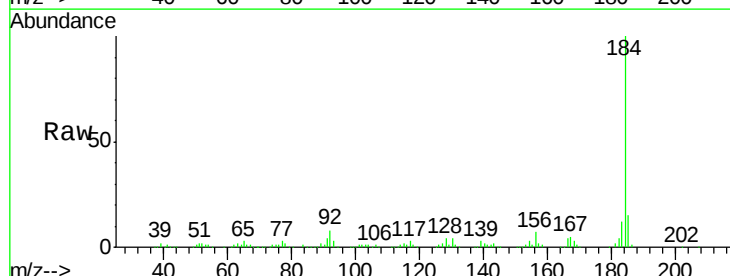


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

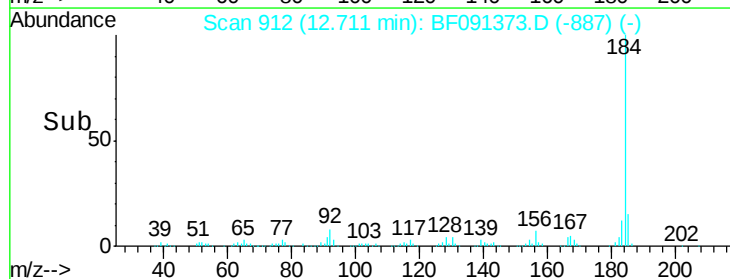
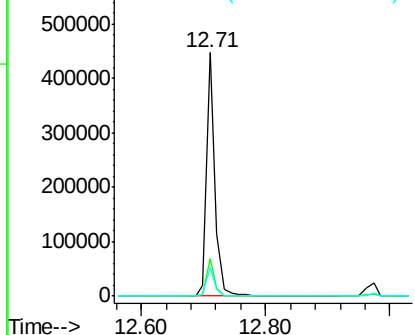


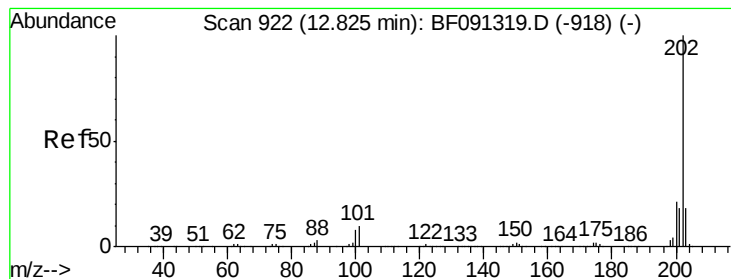
#76
Benzidine
Concen: 27.10 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	421106		
185	15.3	13.1	19.7	
183	11.6	8.9	13.3	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.73 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

Instrument :

BNA_F

ClientSampleId :

PB94983BS

Tot Ion:202 Resp: 1595919

Ion Ratio Lower Upper

202 100

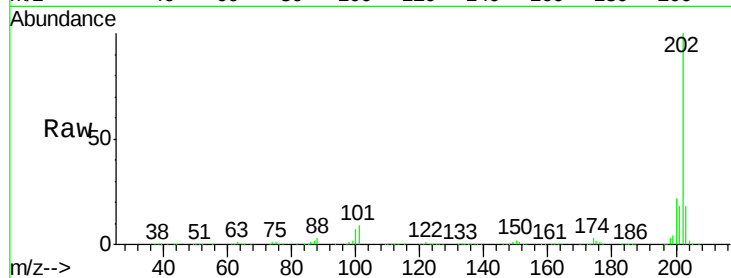
200 21.9 17.6 26.4

203 17.9 14.0 21.0

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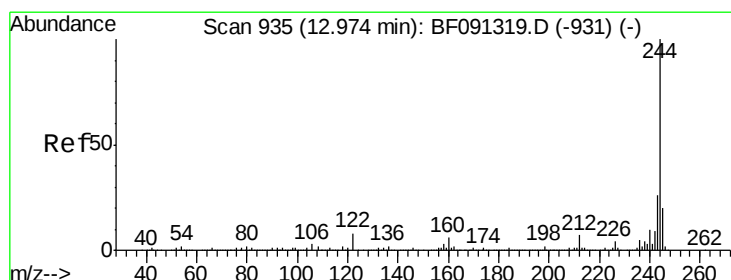
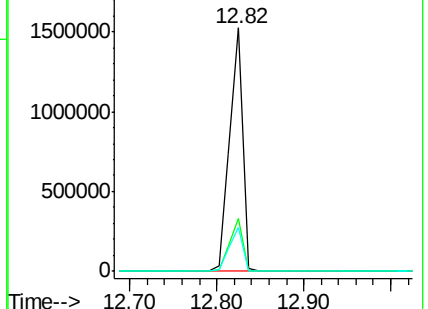
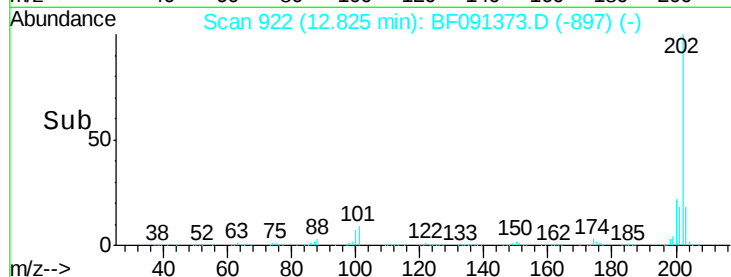
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.39 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091373.D

Acq: 1 Dec 2016 15:25

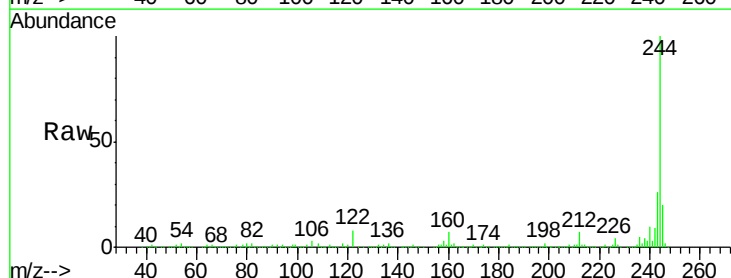
Tgt Ion:244 Resp: 2030626

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

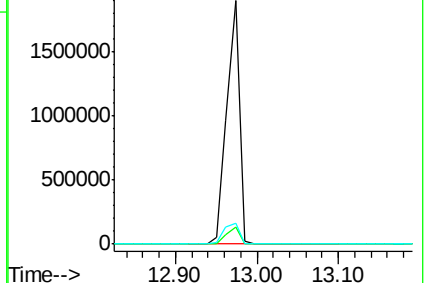
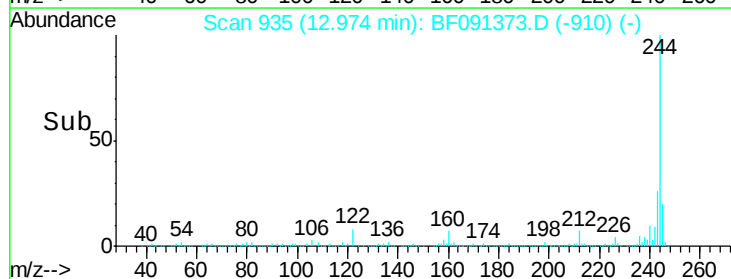
122 8.4 9.5 14.3#

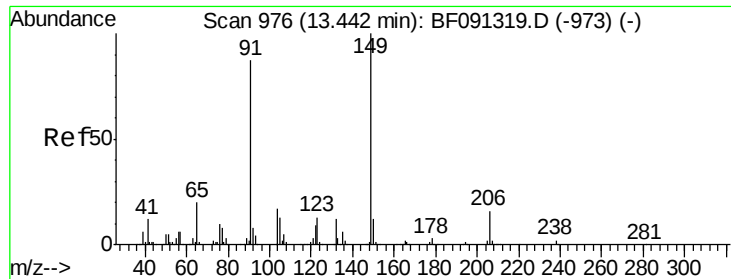


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





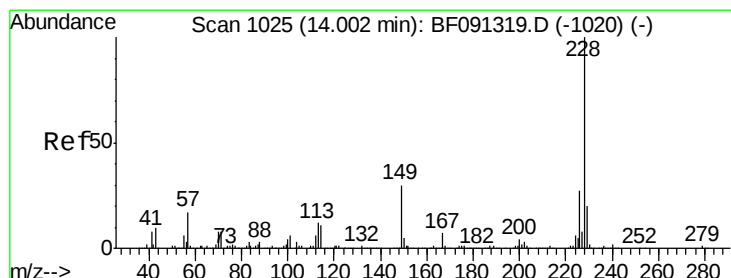
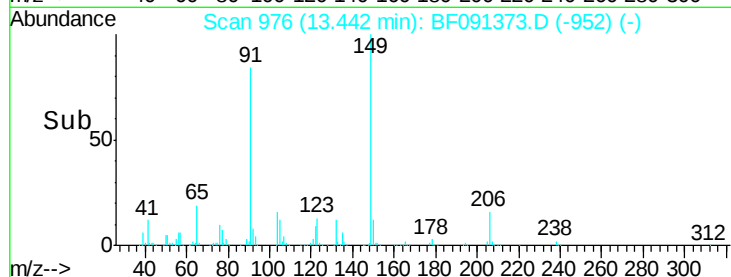
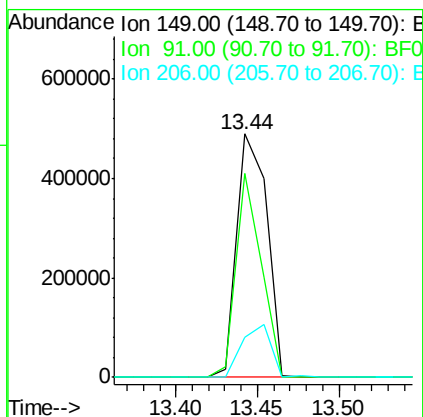
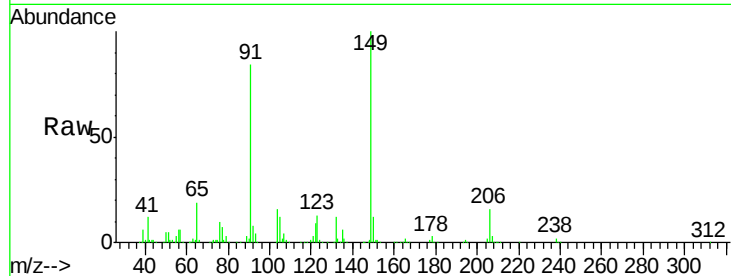
#79
Butylbenzylphthalate
Concen: 41.54 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.7	57.4	86.2
206	16.4	15.4	23.2

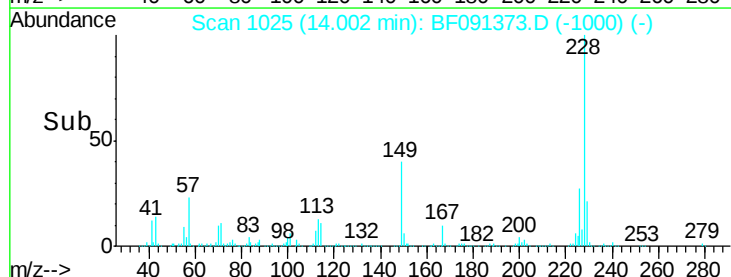
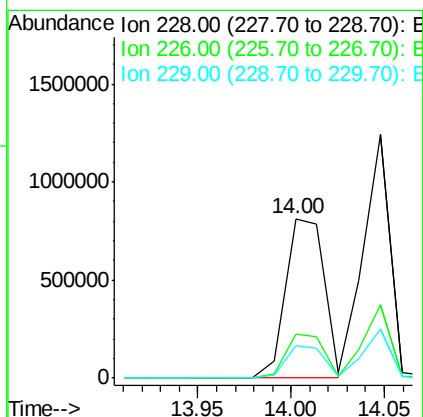
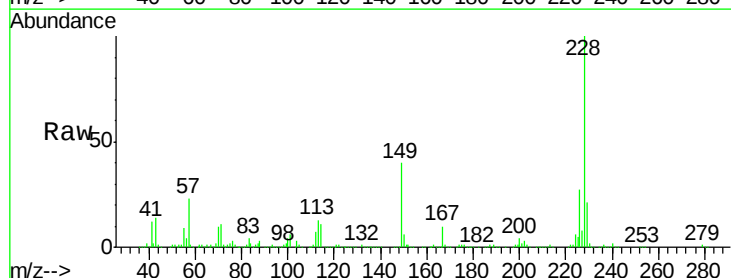
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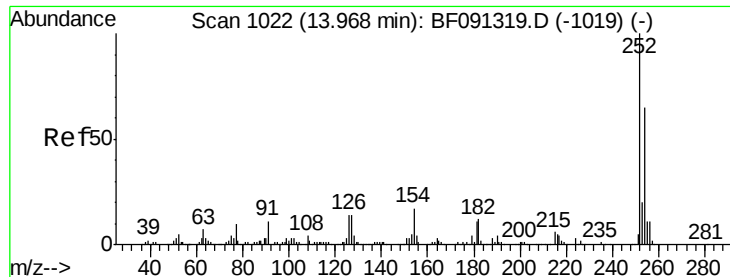
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#80
Benzo(a)anthracene
Concen: 38.08 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	20.6	16.4	24.6





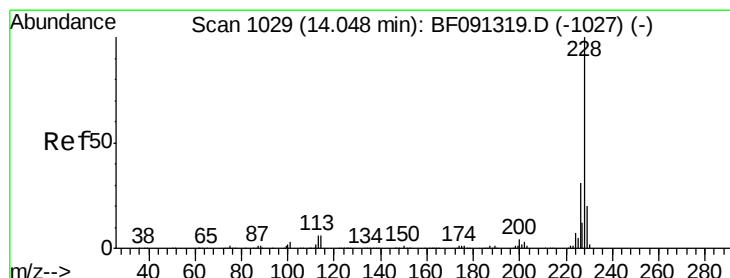
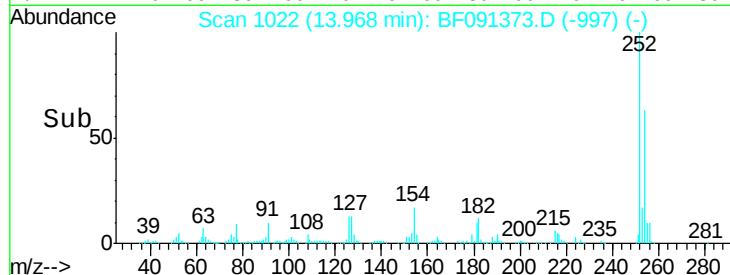
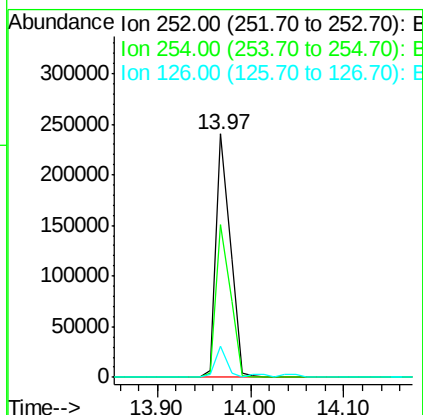
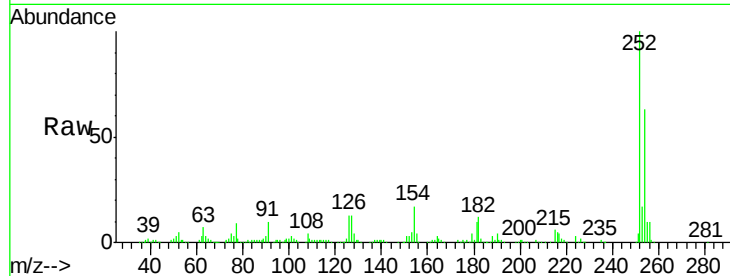
#81
 3,3'-Dichlorobenzidine
 Concen: 23.39 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	255103		
254	62.7	52.1	78.1	
126	12.9	7.5	11.3	

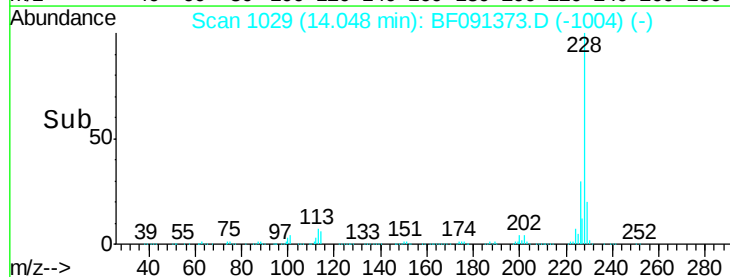
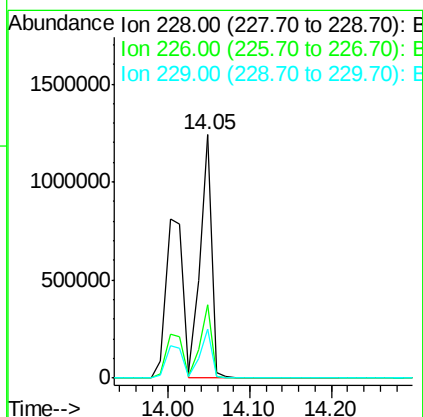
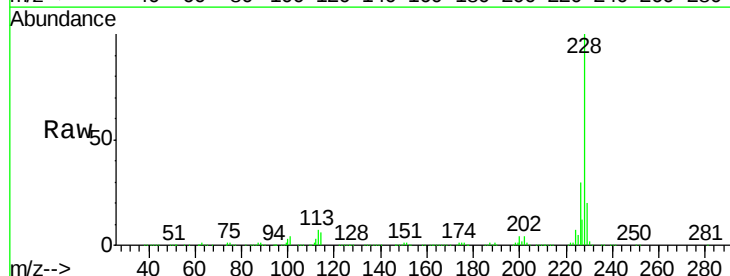
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#82
 Chrysene
 Concen: 40.02 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1225649		
226	30.0	25.0	37.4	
229	19.9	16.0	24.0	





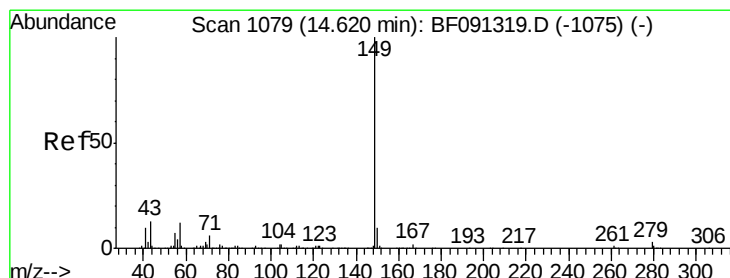
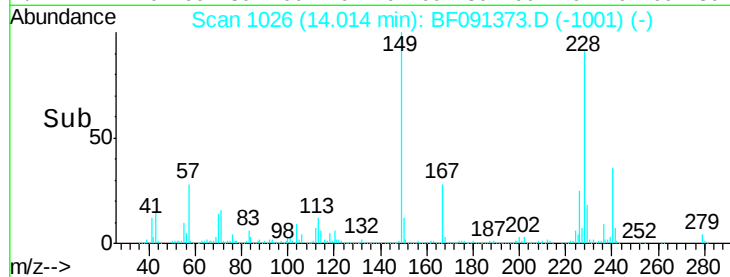
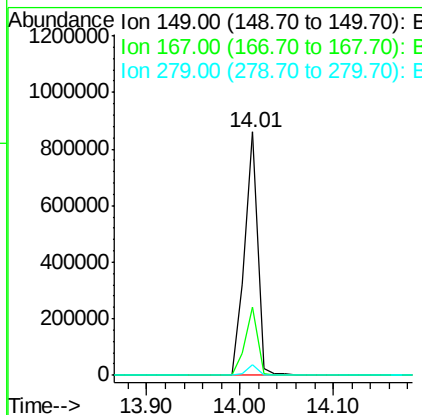
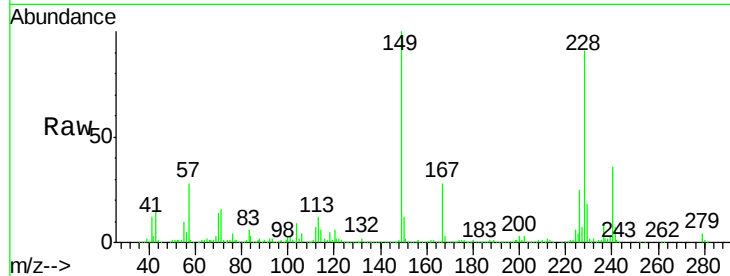
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.96 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion:	149	Resp:	838067
Ion Ratio		Lower	Upper
149	100		
167	28.3	19.6	29.4
279	4.4	1.9	2.9#

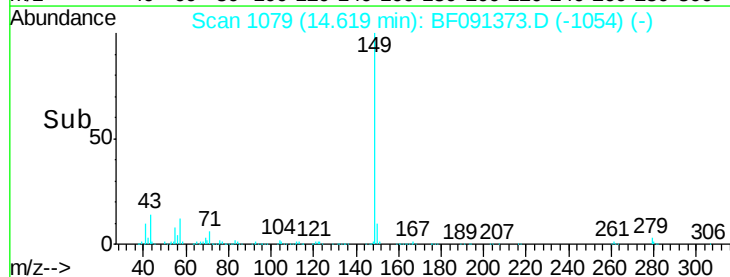
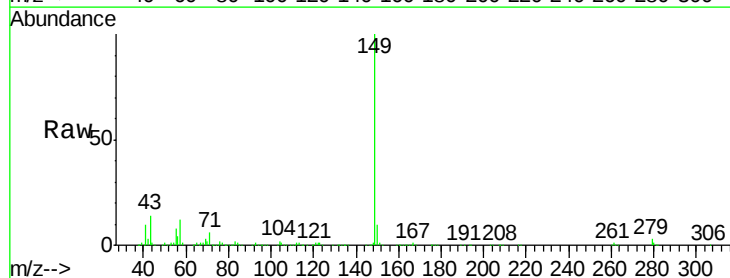
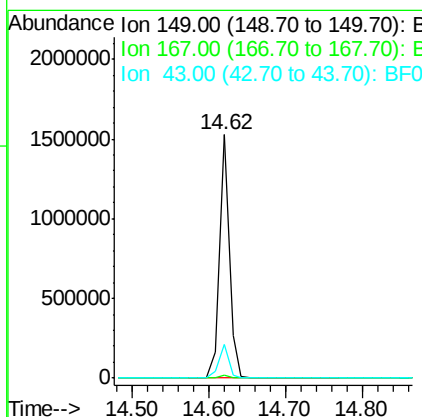
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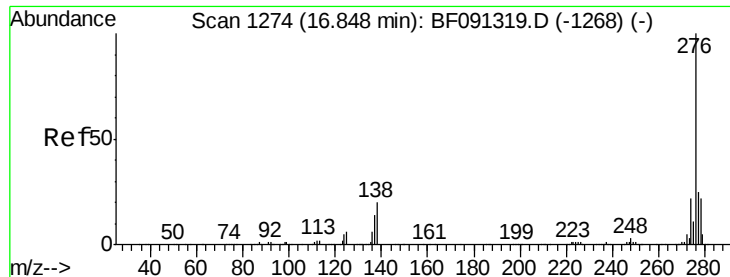
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#84
 Di-n-octyl phthalate
 Concen: 47.19 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Tgt Ion:	149	Resp:	1361488
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.8	11.9	17.9





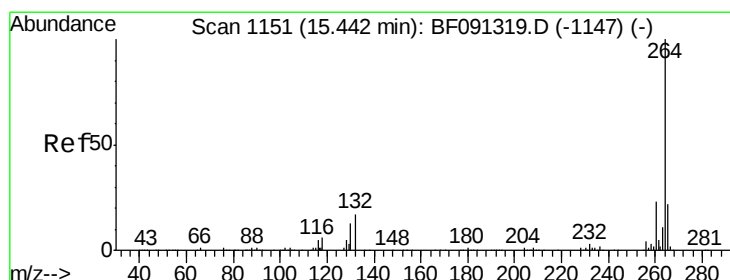
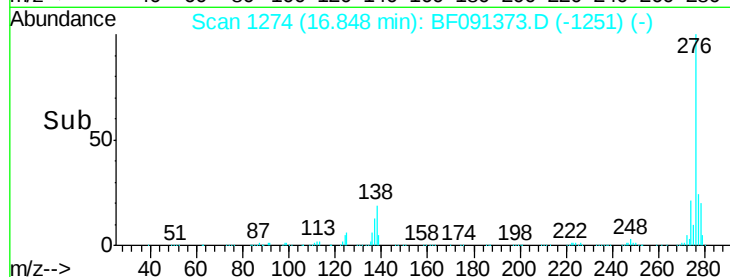
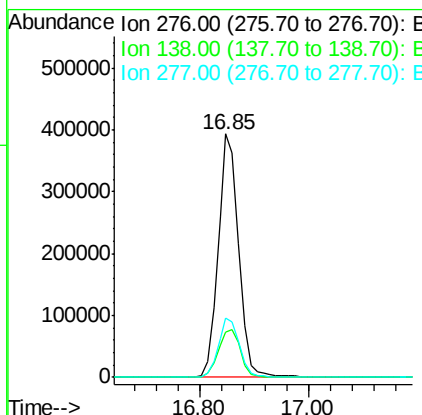
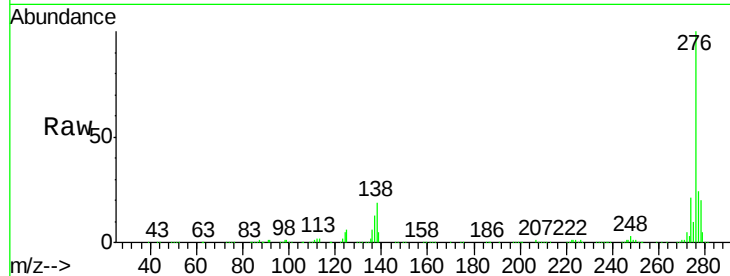
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.08 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampled :
PB94983BS

Tot Ion:276 Resp: 1040043
Ion Ratio Lower Upper
276 100
138 21.2 21.0 31.4
277 25.1 20.2 30.2

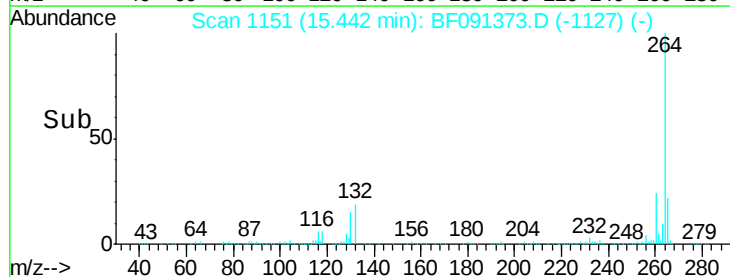
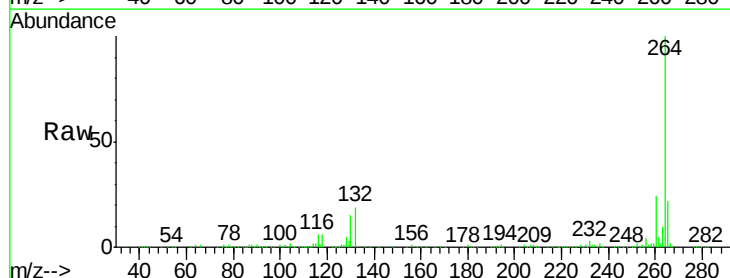
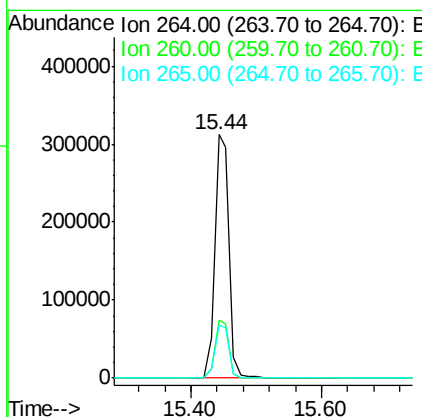
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion:264 Resp: 480507
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 17.0 25.6





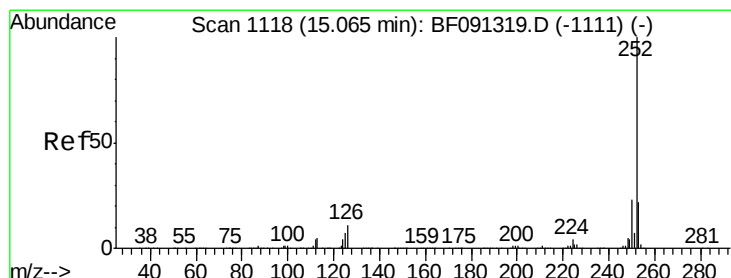
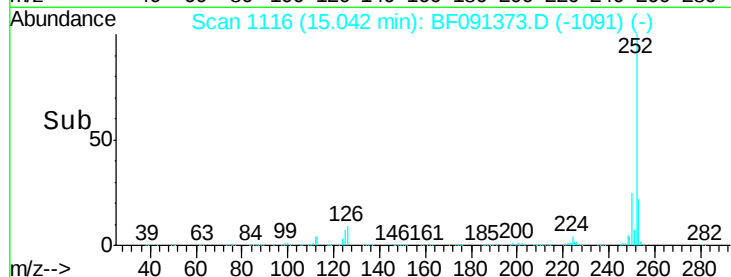
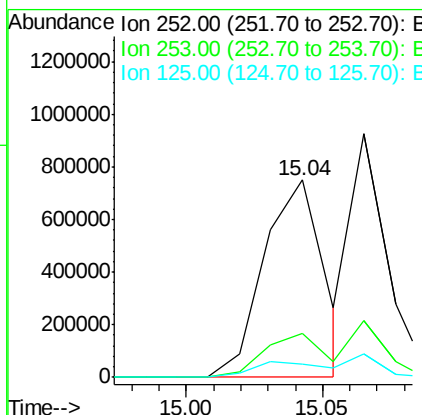
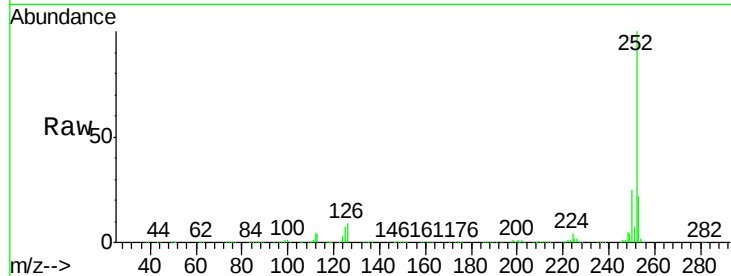
#87
Benzo(b)fluoranthene
Concen: 38.31 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion:252 Resp: 1144235
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 6.6 8.6 13.0#

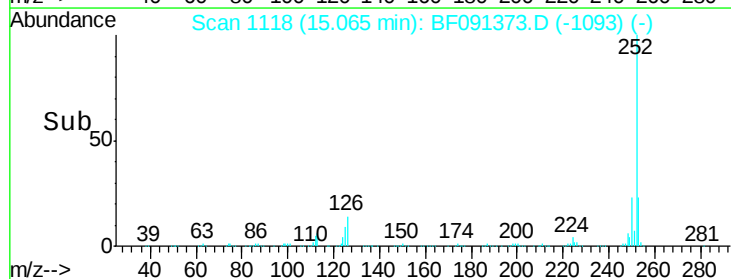
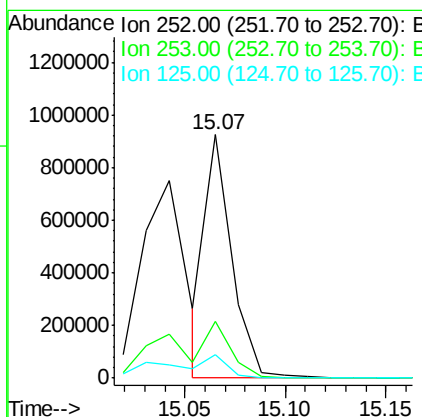
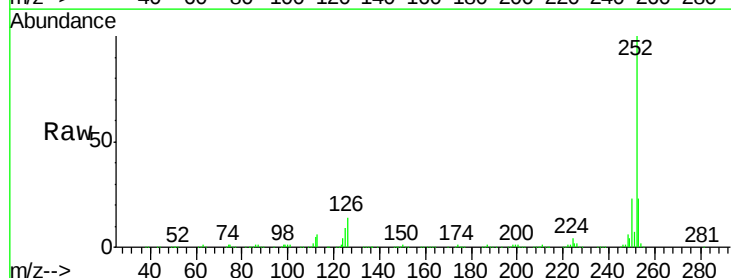
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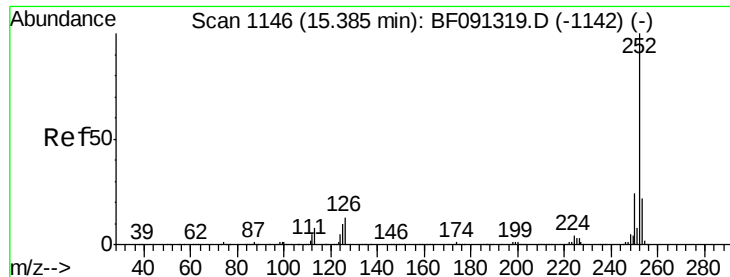
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#88
Benzo(k)fluoranthene
Concen: 34.02 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion:252 Resp: 854331
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.4 9.6 14.4#





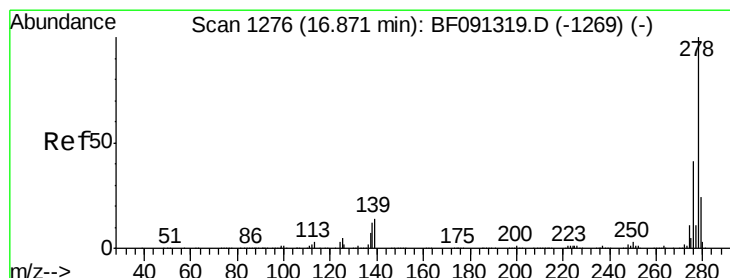
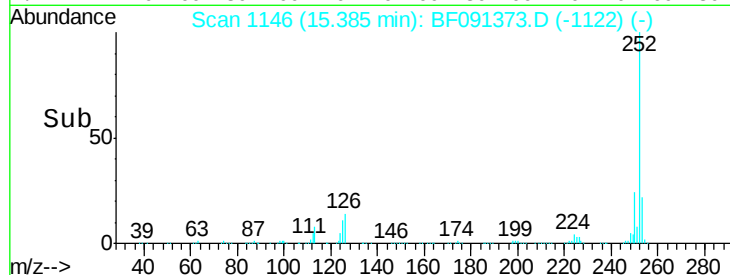
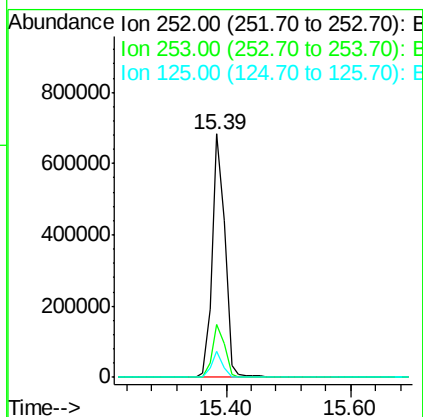
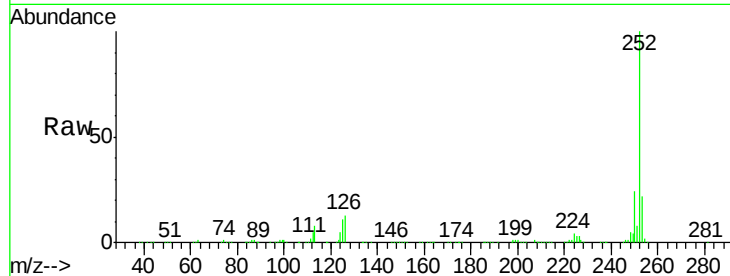
#89
Benzo(a)pyrene
Concen: 35.60 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.7	10.4	15.6

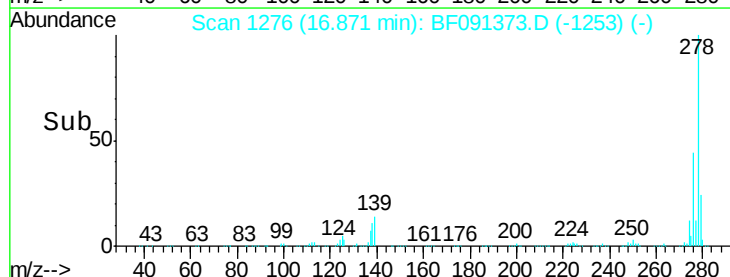
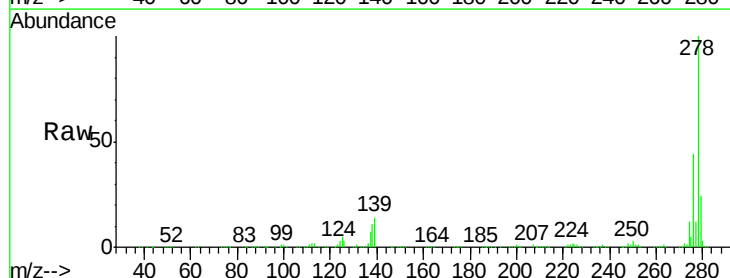
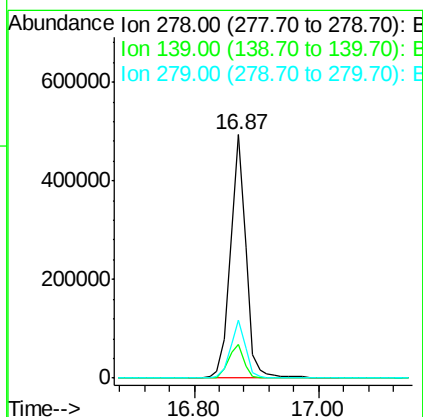
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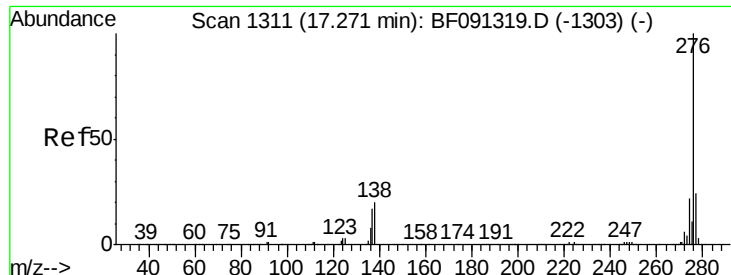
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#90
Dibenzo(a,h)anthracene
Concen: 34.95 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091373.D
Acq: 1 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.1	22.7#
279	24.1	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.21 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091373.D
 Acq: 1 Dec 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94983BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.0	28.4
138	20.4	15.4	23.0

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