

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091472.D
 Acq On : 7 Dec 2016 16:30
 Operator : UM/SJ
 Sample : PB95096BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Manual Integrations
 APPROVED

sohil
 12/8/2016 2:03:52 PM

Quant Time: Dec 08 00:39:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150316	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	583580	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	368499	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	631754	20.00	ng	0.00
75) Chrysene-d12	13.99	240	502266	20.00	ng	0.01
86) Perylene-d12	15.41	264	361455	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1056682	114.84	ng	0.01
7) Phenol-d6	6.48	99	1410374	124.52	ng	0.01
23) Nitrobenzene-d5	7.40	82	941529	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	430037	123.27	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1833720	90.10	ng	0.00
78) Terphenyl-d14	12.94	244	1776933	76.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	128198	30.80	ng	# 82
3) Pyridine	3.21	79	320446	27.20	ng	# 79
4) n-Nitrosodimethylamine	3.17	42	236316	38.23	ng	96
6) Aniline	6.49	93	390687	25.97	ng	# 61
8) 2-Chlorophenol	6.62	128	401374	39.79	ng	# 81
9) Benzaldehyde	6.38	77	116462	15.99	ng	81
10) Phenol	6.49	94	503988	37.81	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	377773	39.67	ng	98
12) 1,3-Dichlorobenzene	6.78	146	436189	38.87	ng	95
13) 1,4-Dichlorobenzene	6.85	146	414125	37.10	ng	95
14) 1,2-Dichlorobenzene	7.01	146	436574	41.99	ng	96
15) Benzyl Alcohol	6.98	79	392610	43.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	803988	39.26	ng	73
17) 2-Methylphenol	7.10	107	343207	43.04	ng	# 77
18) Hexachloroethane	7.35	117	173619	43.80	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	306656	42.97	ng	# 93
20) 3+4-Methylphenols	7.25	107	394599	40.53	ng	# 65
22) Acetophenone	7.25	105	567205	41.01	ng	# 80
24) Nitrobenzene	7.42	77	477561	44.79	ng	91
25) Isophorone	7.66	82	866196	46.95	ng	99
26) 2-Nitrophenol	7.74	139	235596	48.49	ng	# 78
27) 2,4-Dimethylphenol	7.77	122	392580	43.19	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	516358	46.50	ng	99
29) 2,4-Dichlorophenol	7.98	162	359535	44.97	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	373823	41.70	ng	98
31) Naphthalene	8.14	128	1085555	39.14	ng	99
32) Benzoic acid	7.91	122	277434	41.41	ng	99
33) 4-Chloroaniline	8.18	127	227513	19.19	ng	# 94
34) Hexachlorobutadiene	8.26	225	262656	47.65	ng	99
35) Caprolactam	8.57	113	117895m	51.30	ng	
36) 4-Chloro-3-methylphenol	8.68	107	355219	41.15	ng	99
37) 2-Methylnaphthalene	8.84	142	886675	47.06	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	385723	37.13	ng	97
40) Hexachlorocyclopentadiene	9.00	237	419668	87.15	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	280337	41.52	nq	96
43) 2,4,5-Trichlorophenol	9.16	196	267423	39.52	nq	95
45) 1,1'-Biphenyl	9.29	154	976252	36.84	nq	96
46) 2-Chloronaphthalene	9.32	162	728794	36.93	nq	98
47) 2-Nitroaniline	9.42	65	300072	42.34	nq	89
48) Acenaphthylene	9.74	152	1253632	40.36	nq	99
49) Dimethylphthalate	9.60	163	823778	36.92	nq	97
50) 2,6-Dinitrotoluene	9.66	165	191190	38.34	nq	98
51) Acenaphthene	9.91	154	945922	45.14	nq	95
52) 3-Nitroaniline	9.83	138	121910	21.12	nq	81
53) 2,4-Dinitrophenol	9.93	184	216173	99.12	nq	84
54) Dibenzofuran	10.08	168	1157817	41.27	nq	95
55) 4-Nitrophenol	9.99	139	326390	78.29	nq	93
56) 2,4-Dinitrotoluene	10.06	165	274187	42.38	nq #	53
57) Fluorene	10.42	166	959925	44.57	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	244533	42.32	nq	97
59) Diethylphthalate	10.30	149	887155	40.28	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	388876	36.00	nq #	84
61) 4-Nitroaniline	10.45	138	216107	39.87	nq	93
62) Azobenzene	10.57	77	927233	41.26	nq	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	160727	46.18	nq #	69
65) n-Nitrosodiphenylamine	10.54	169	844188	44.07	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	304077	44.78	nq #	86
67) Hexachlorobenzene	10.97	284	316159	43.09	nq #	89
68) Atrazine	11.06	200	254963	41.10	nq	97
69) Pentachlorophenol	11.16	266	346267	80.16	nq	97
70) Phenanthrene	11.38	178	1436654	43.76	nq	100
71) Anthracene	11.43	178	1296065	39.78	nq	99
72) Carbazole	11.59	167	1246948	42.18	nq #	95
73) Di-n-butylphthalate	11.92	149	1583534	47.26	nq	99
74) Fluoranthene	12.56	202	1427939	45.92	nq	99
76) Benzidine	12.68	184	264999	17.97	nq	98
77) Pyrene	12.79	202	1480788	38.85	nq	99
79) Butylbenzylphthalate	13.42	149	625180	43.80	nq #	81
80) Benzo(a)anthracene	13.98	228	1134917	38.64	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	263456	25.46	nq #	98
82) Chrysene	14.01	228	1057069	36.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	864901	47.81	nq #	93
84) Di-n-octyl phthalate	14.59	149	1301616	47.54	nq	96
85) Indeno(1,2,3-cd)pyrene	16.79	276	937236	35.21	nq #	92
87) Benzo(b)fluoranthene	15.00	252	1219452m	54.28	nq	
88) Benzo(k)fluoranthene	15.03	252	672189m	35.58	nq	
89) Benzo(a)pyrene	15.35	252	898617	44.54	nq #	92
90) Dibenzo(a,h)anthracene	16.80	278	785775	42.11	nq #	94
91) Benzo(g,h,i)perylene	17.21	276	818114	42.52	nq #	94

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

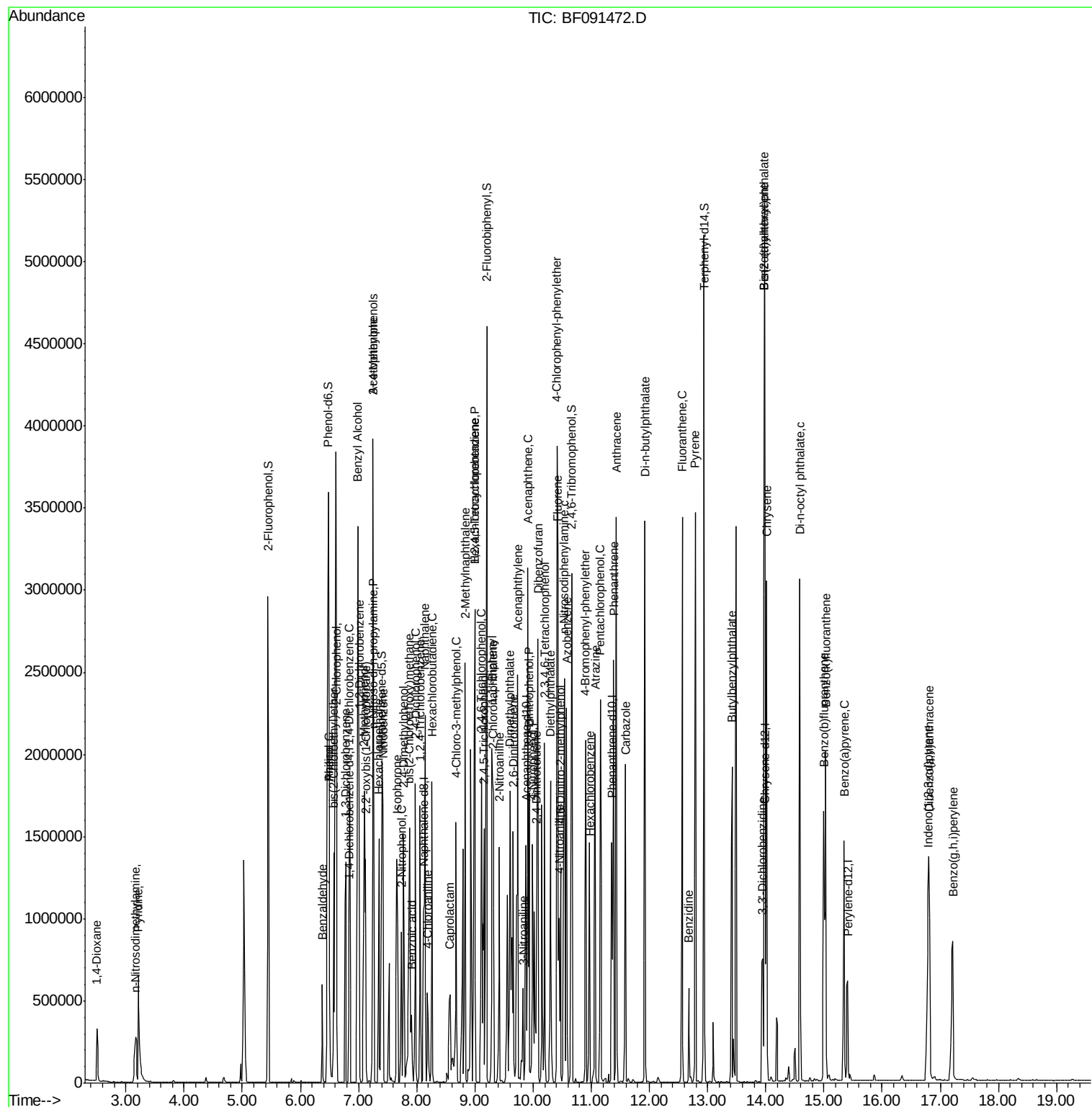
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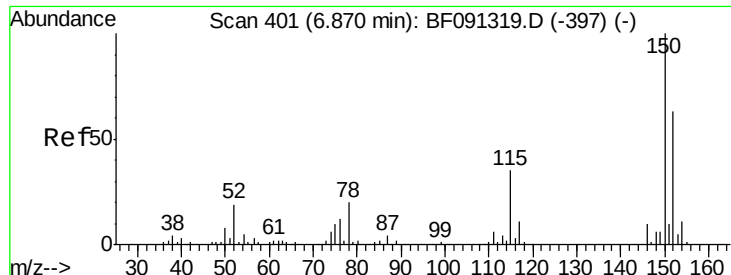
Instrument :
BNA_F
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#1

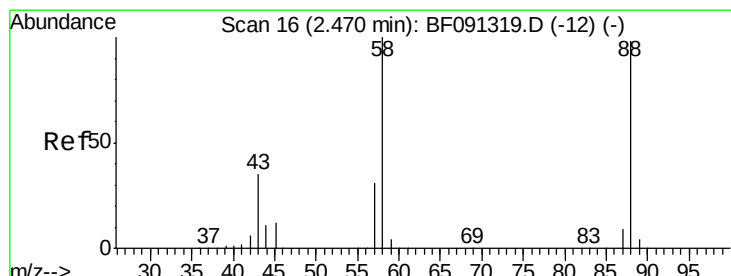
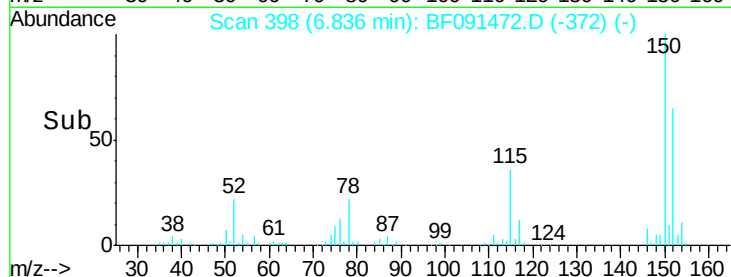
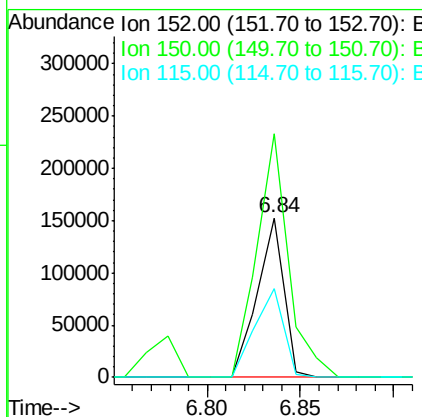
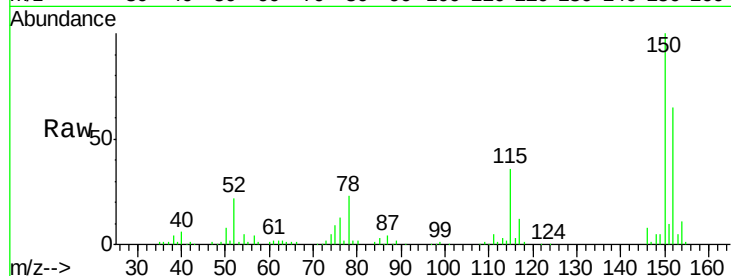
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.5	183.7
115	55.7	51.8	77.8

Manual Integrations
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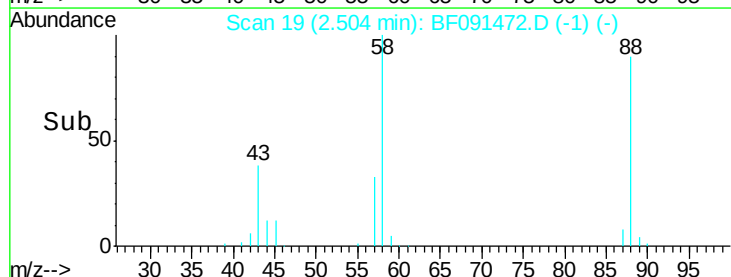
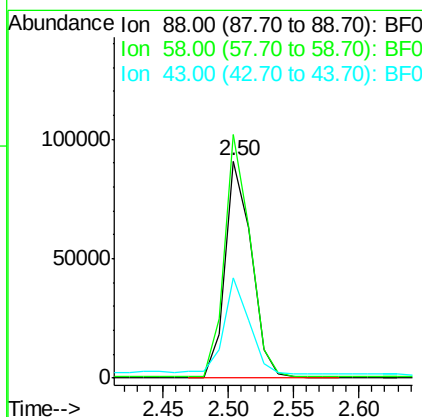
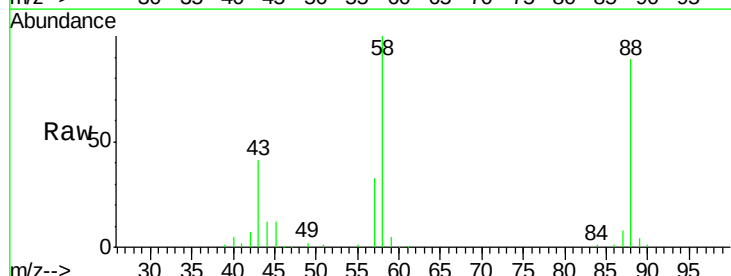
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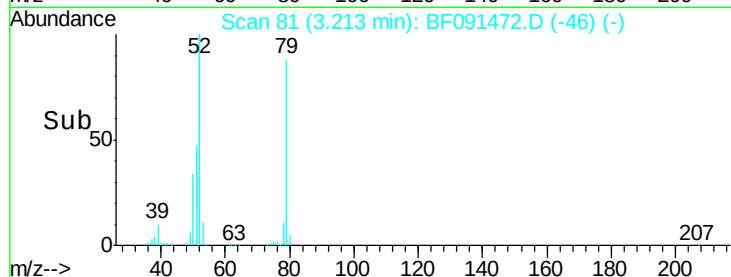
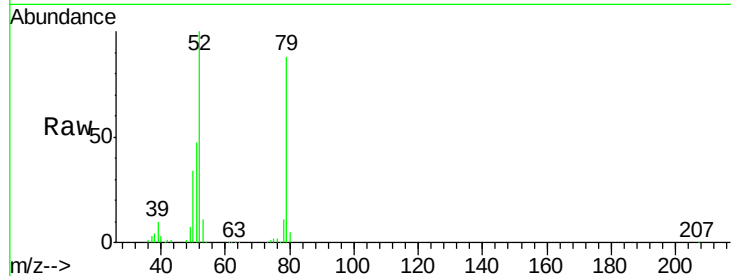
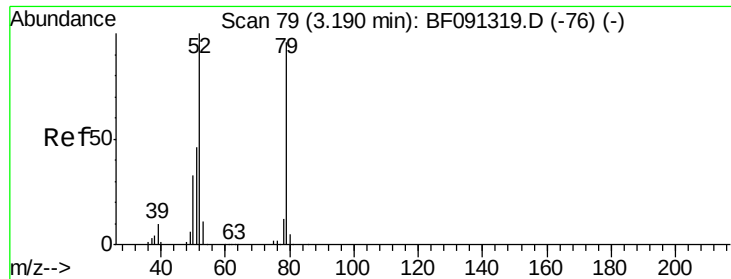


#2

1,4-Dioxane
Concen: 30.80 ng
RT: 2.50 min Scan# 19
Delta R.T. 0.10 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.3	70.3	105.5#
43	43.7	31.3	46.9





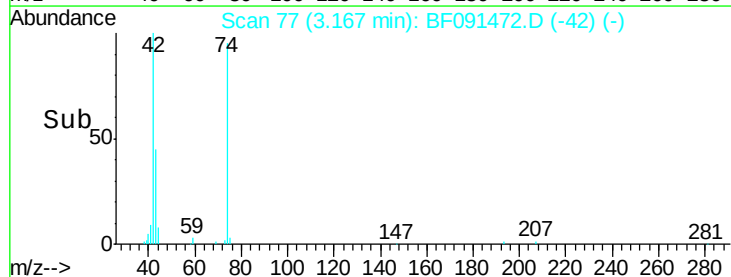
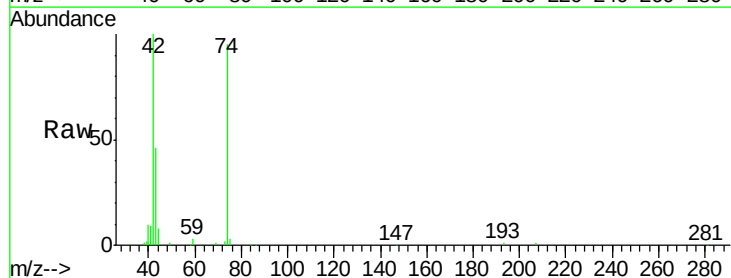
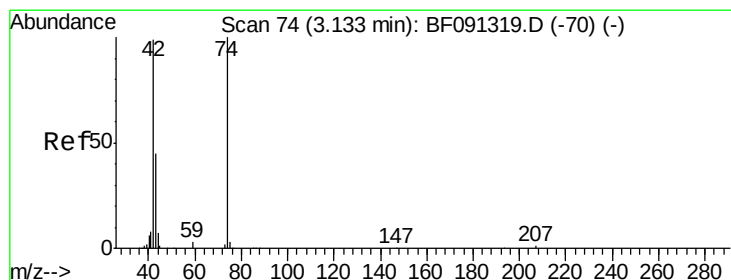
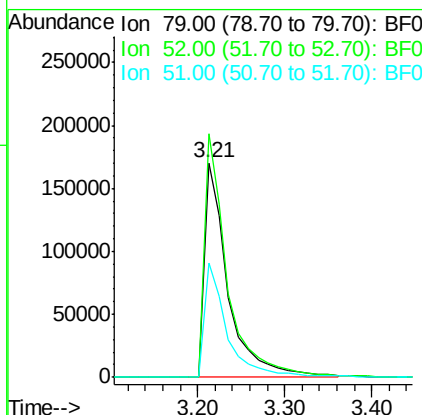
#3
 Pvridine
 Concen: 27.20 ng
 RT: 3.21 min Scan# 81
 Delta R.T. 0.10 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tot Ion: 79 Resp: 320446
 Ion Ratio Lower Upper
 79 100
 52 113.5 71.0 106.4#
 51 53.3 37.0 55.4

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

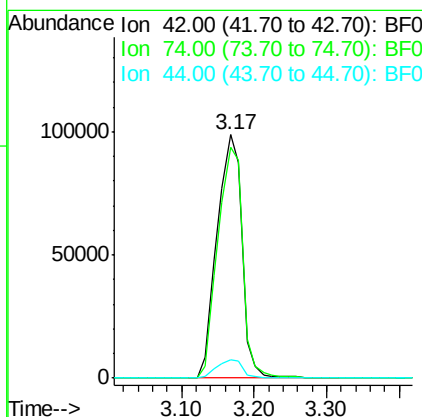
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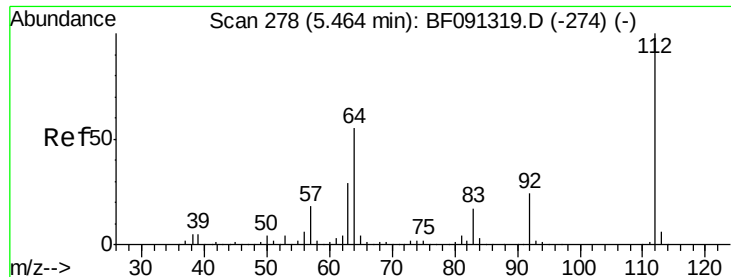
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#4
 n-Nitrosodimethylamine
 Concen: 38.23 ng
 RT: 3.17 min Scan# 77
 Delta R.T. 0.10 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion: 42 Resp: 236316
 Ion Ratio Lower Upper
 42 100
 74 94.7 78.9 118.3
 44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 114.84 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tot Ion:112 Resp: 1056682

Ion Ratio Lower Upper

112 100

64 76.6 61.5 92.3

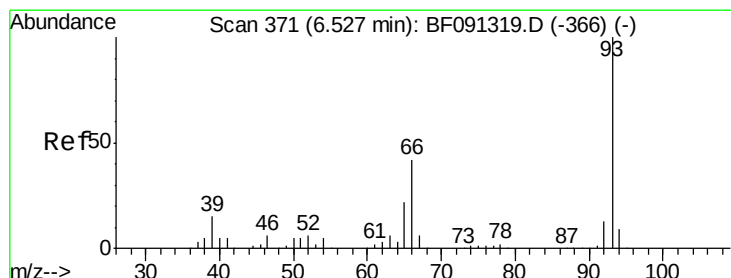
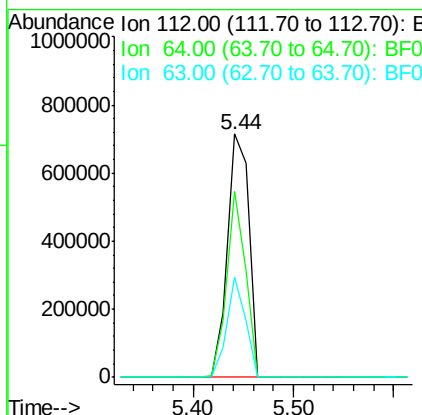
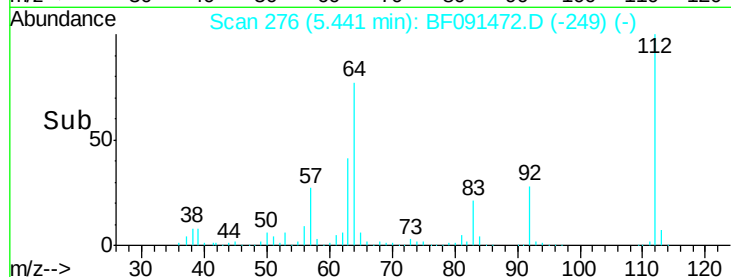
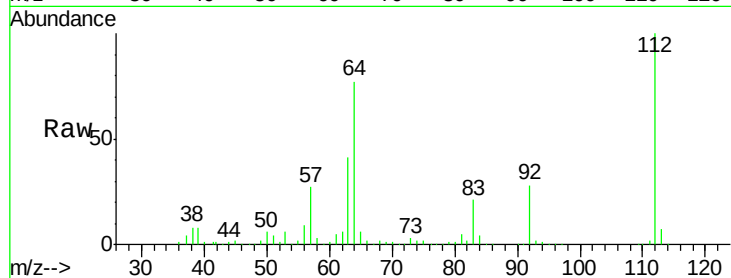
63 41.1 33.3 49.9

Manual Integrations

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#6

Aniline

Concen: 25.97 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

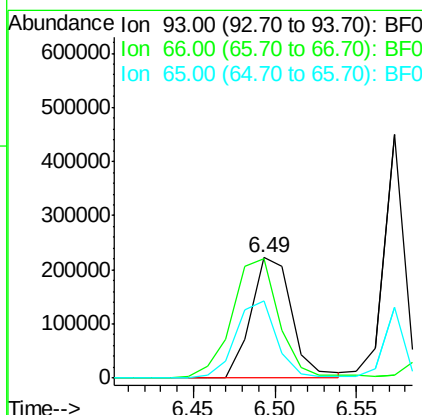
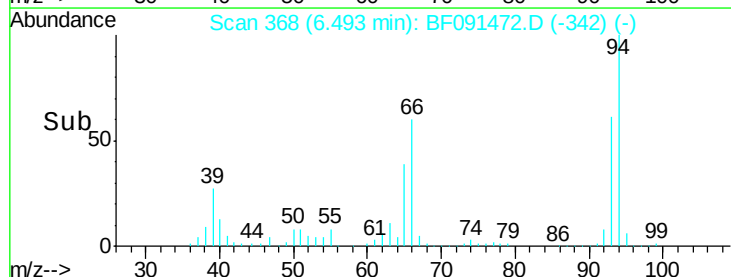
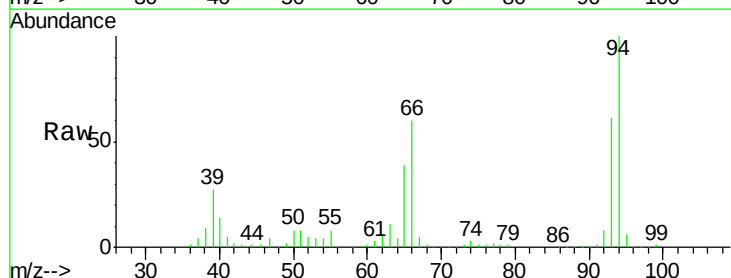
Tgt Ion: 93 Resp: 390687

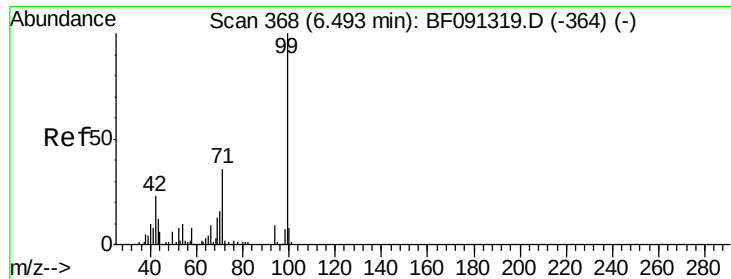
Ion Ratio Lower Upper

93 100

66 99.3 55.8 83.6#

65 64.5 29.9 44.9#





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tot Ion: 99 Resp: 1410374

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

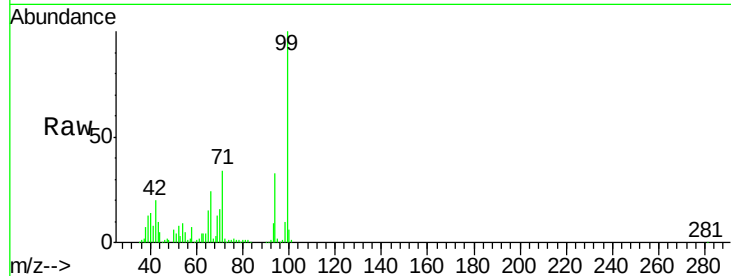
71 34.0 29.9 44.9

Manual Integrations

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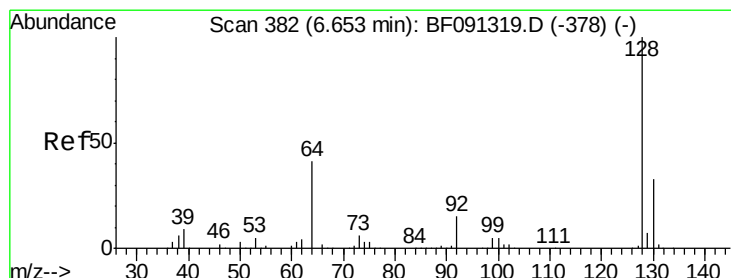
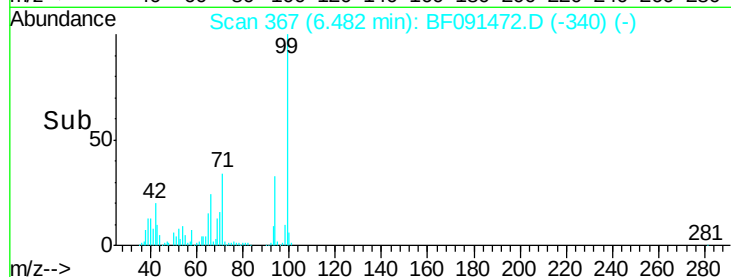
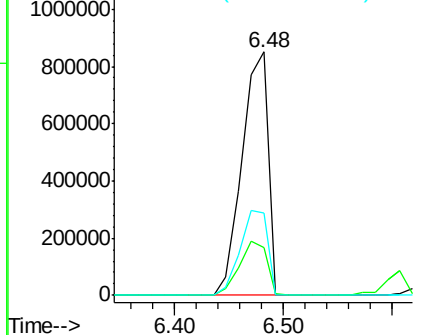
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.79 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

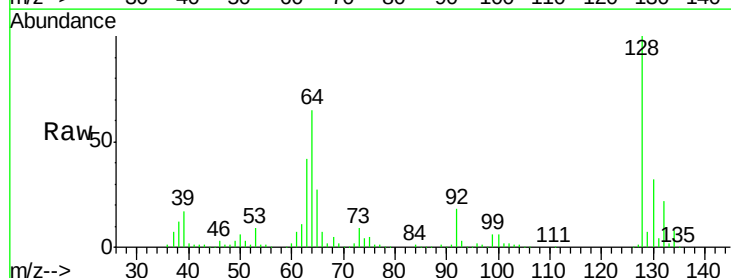
Tgt Ion:128 Resp: 401374

Ion Ratio Lower Upper

128 100

130 31.7 13.1 53.1

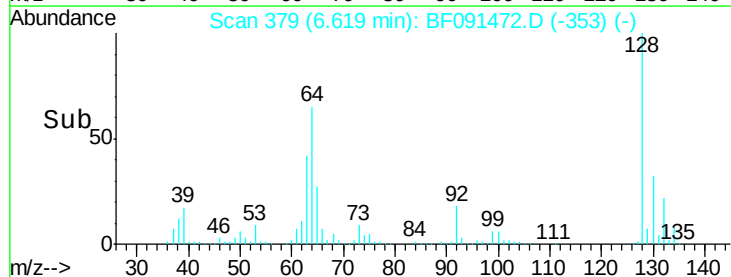
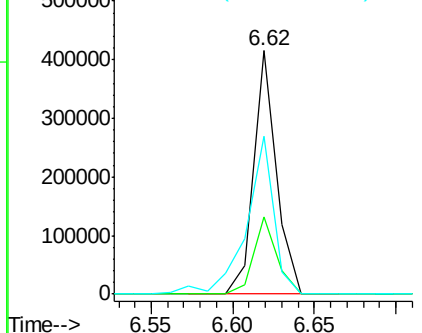
64 64.9 24.1 64.1#

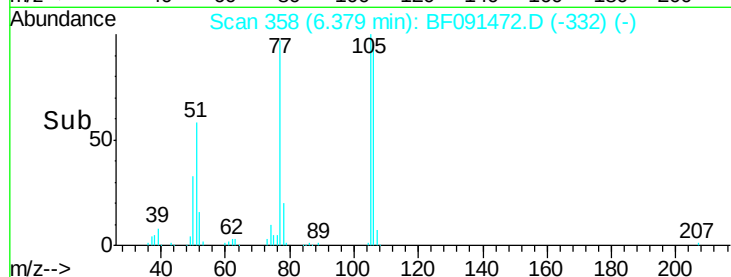
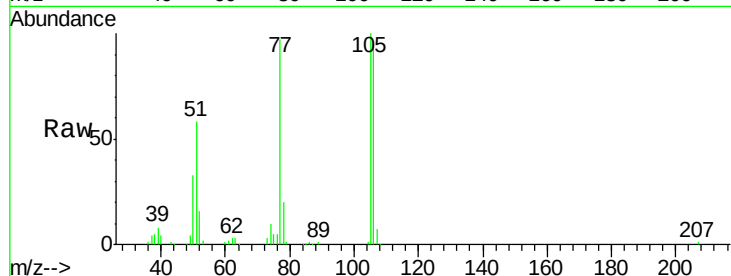
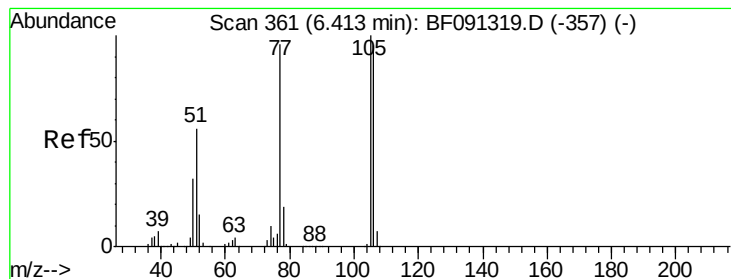


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.99 ng

RT: 6.38 min Scan# 358

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tot Ion:	77	Resp:	116462
Ion Ratio	Lower	Upper	
77	100		
105	103.0	66.4	106.4
106	97.9	60.9	100.9

Instrument :

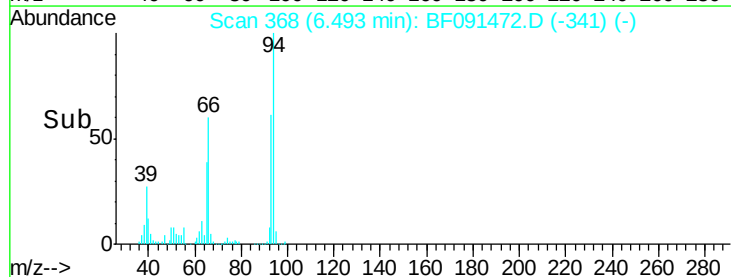
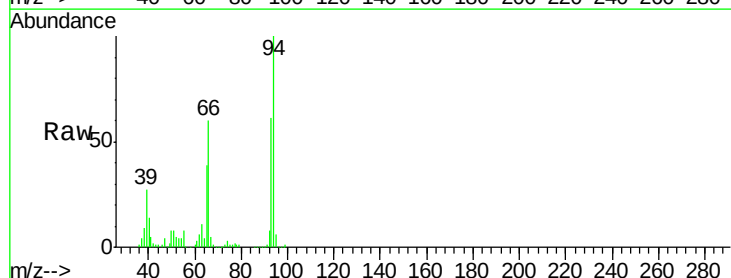
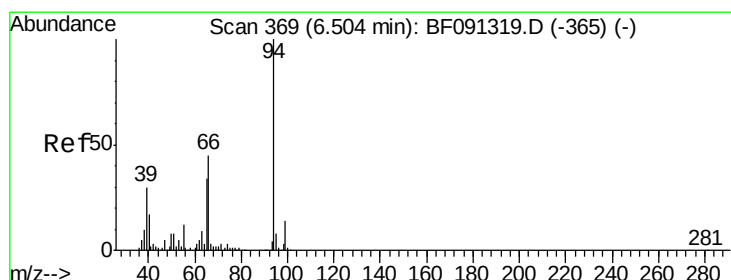
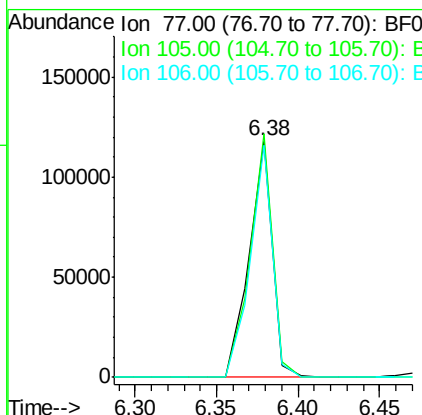
BNA_F

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#10

Phenol

Concen: 37.81 ng

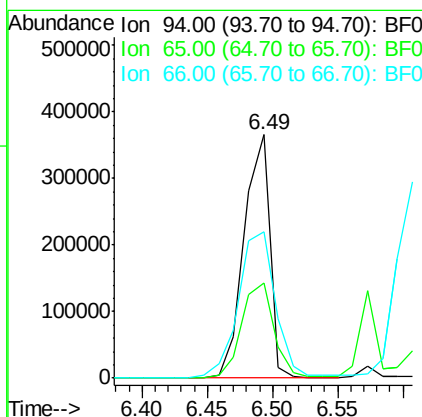
RT: 6.49 min Scan# 368

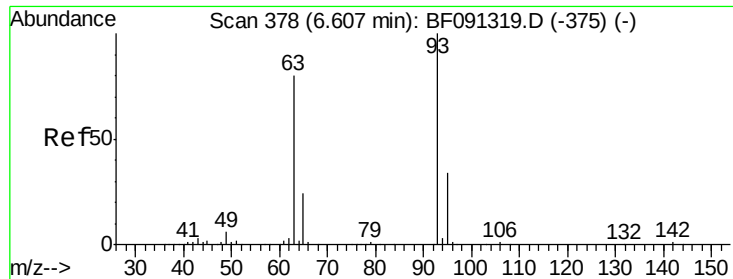
Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	94	Resp:	503988
Ion Ratio	Lower	Upper	
94	100		
65	39.2	16.9	56.9
66	60.3	30.6	70.6





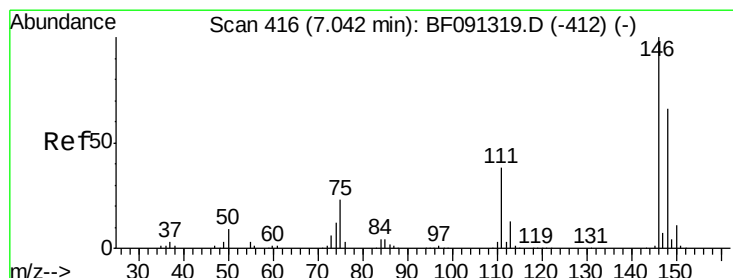
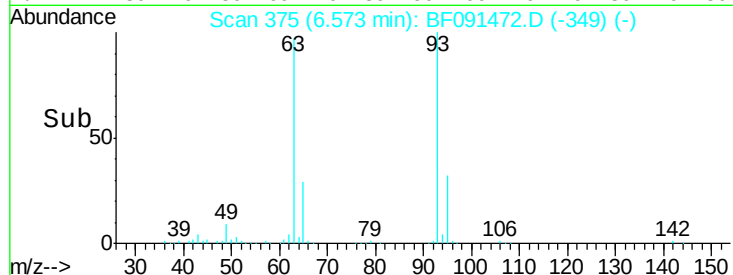
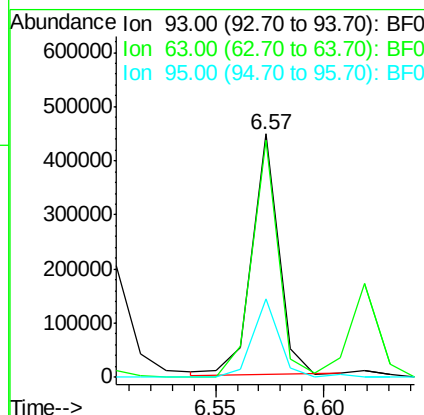
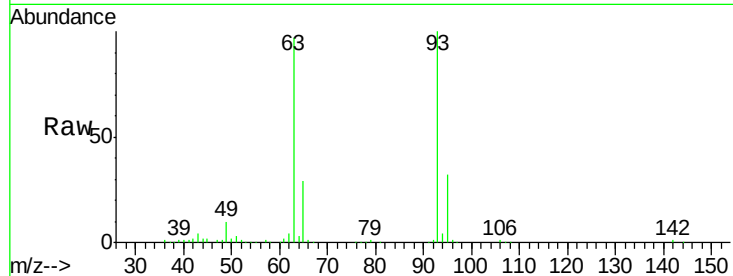
#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 6.57 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	97.4	74.8	114.8
95	32.3	12.4	52.4

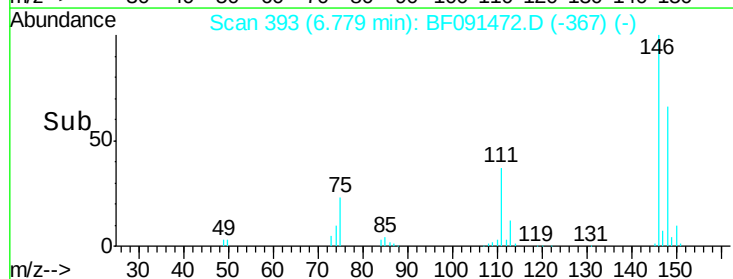
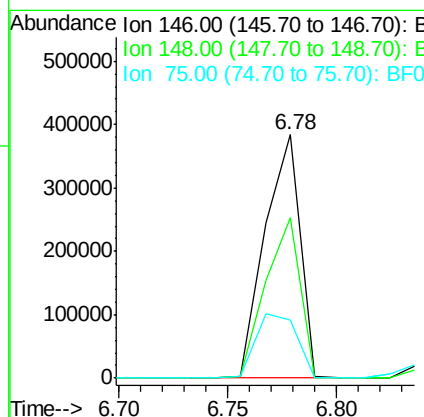
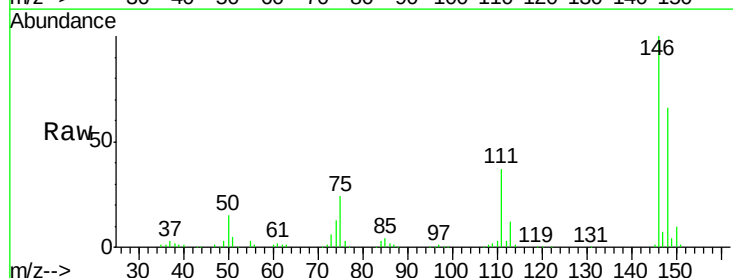
Manual Integrations
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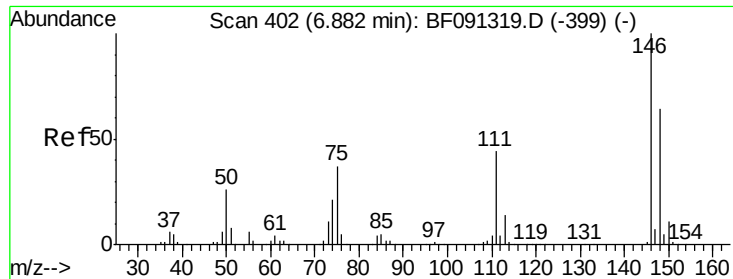
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 6.78 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.0
75	23.7	23.6	35.4





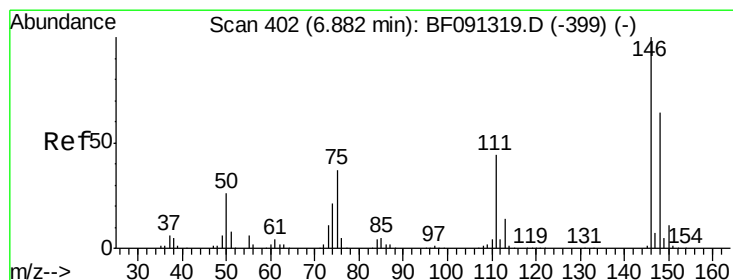
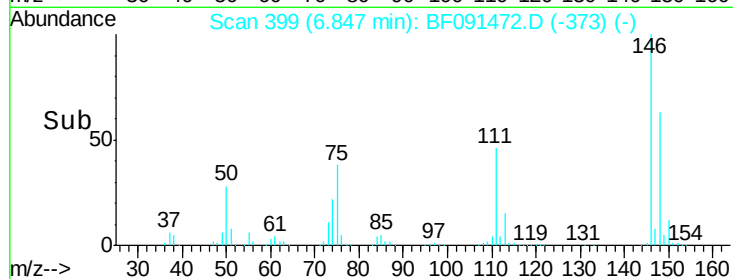
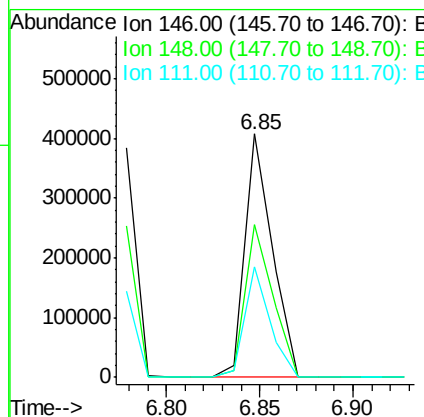
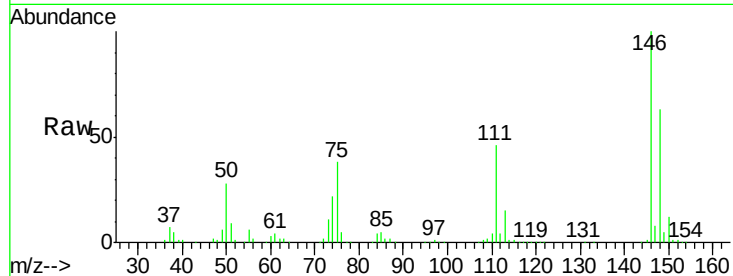
#13
 1,4-Dichlorobenzene
 Concen: 37.10 ng
 RT: 6.85 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampled :
 PB95096BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.0
111	45.5	32.2	48.2

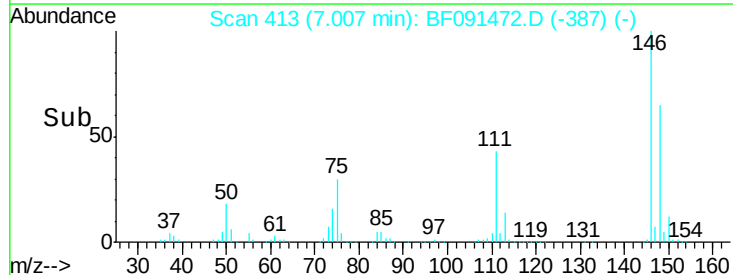
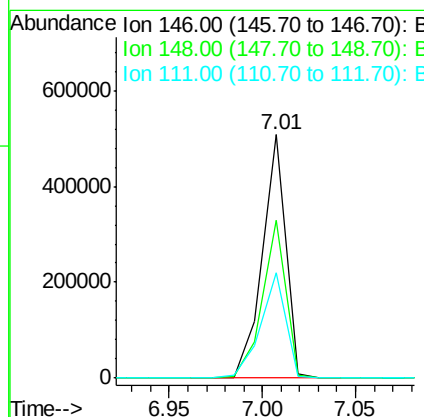
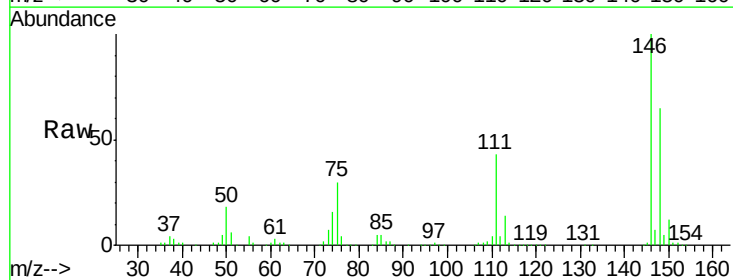
Manual Integrations
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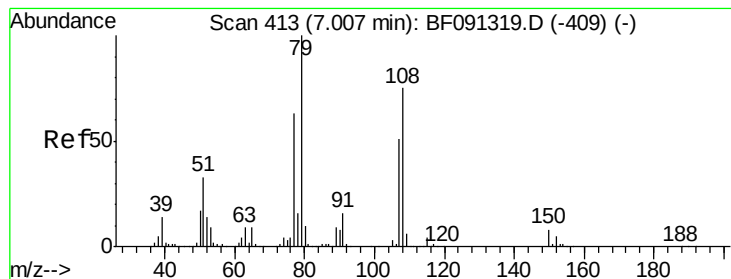
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#14
 1,2-Dichlorobenzene
 Concen: 41.99 ng
 RT: 7.01 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
111	43.3	38.9	58.3





#15

Benzyl Alcohol

Concen: 43.31 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

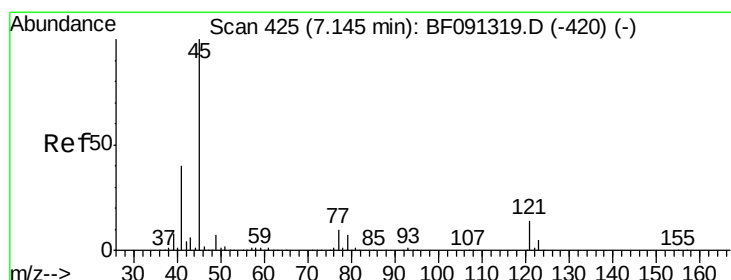
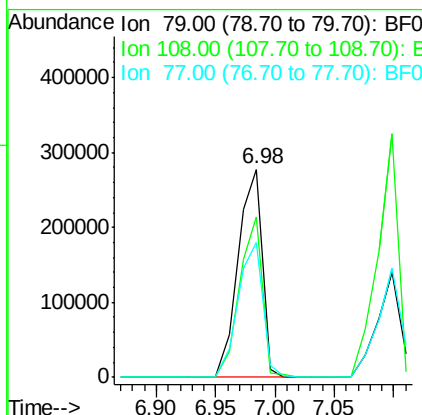
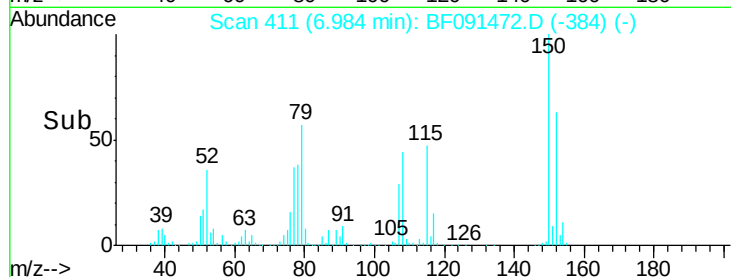
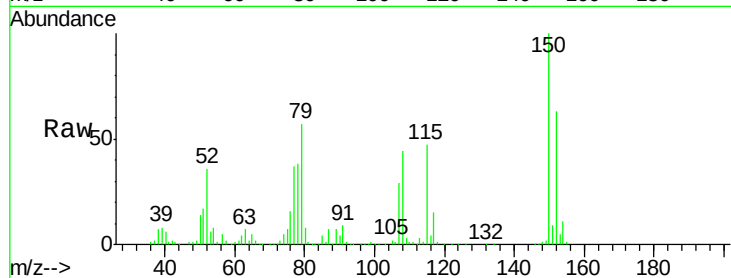
ClientSampled :

PB95096BS

Tot Ion:	79	Resp:	392610
Ion Ratio	Lower	Upper	
79	100		
108	76.9	62.7	94.1
77	64.8	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.26 ng

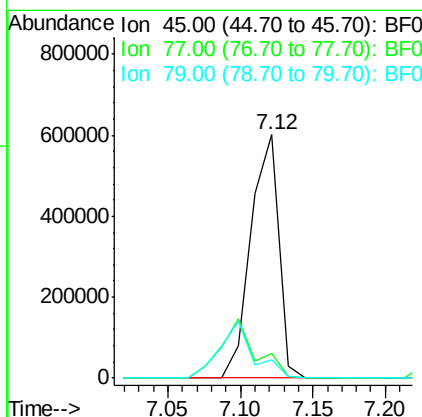
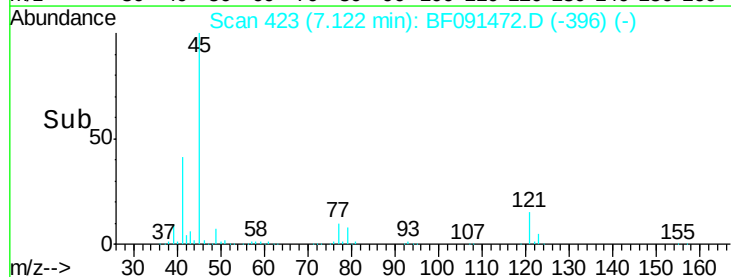
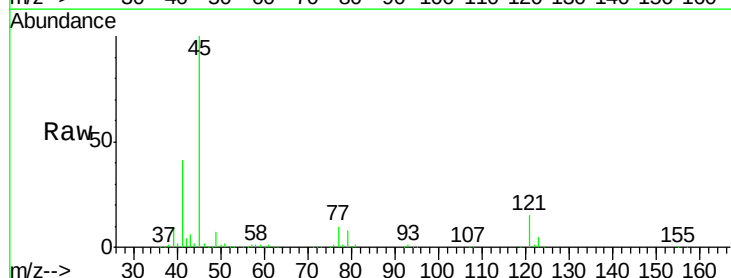
RT: 7.12 min Scan# 423

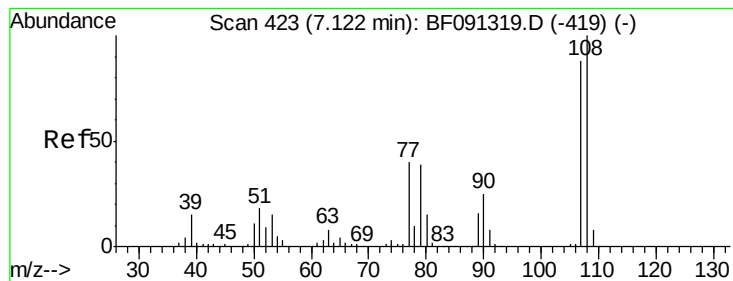
Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	45	Resp:	803988
Ion Ratio	Lower	Upper	
45	100		
77	10.3	3.8	43.8
79	7.7	0.2	40.2





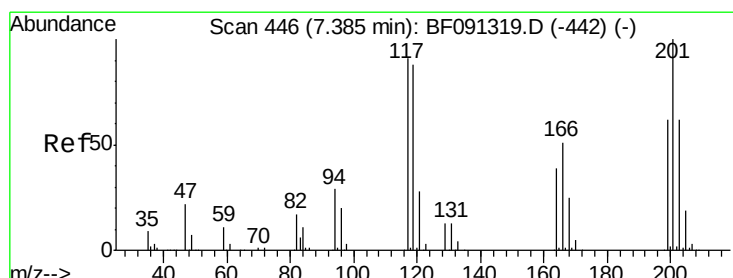
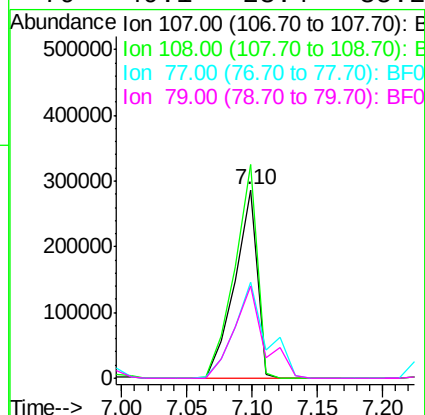
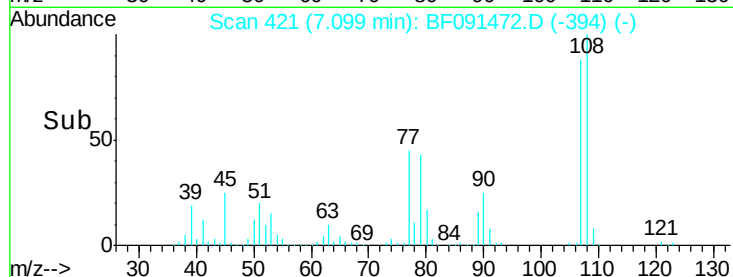
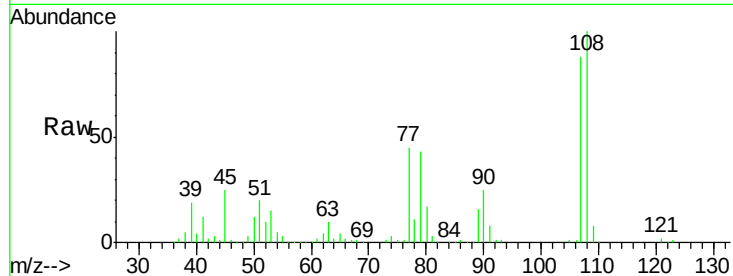
#17
2-Methylphenol
Concen: 43.04 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampled :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	67.7	101.5#	
77	50.7	40.7	61.1	
79	49.1	23.4	35.2#	

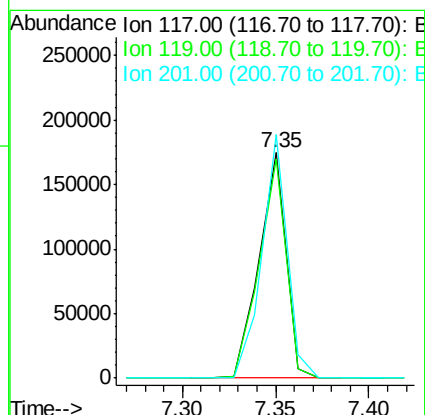
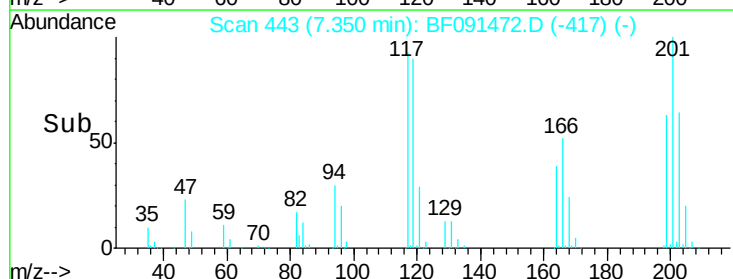
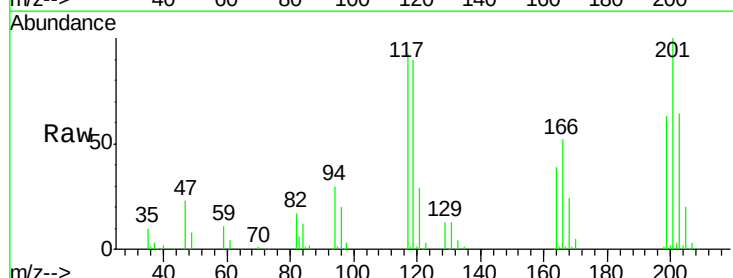
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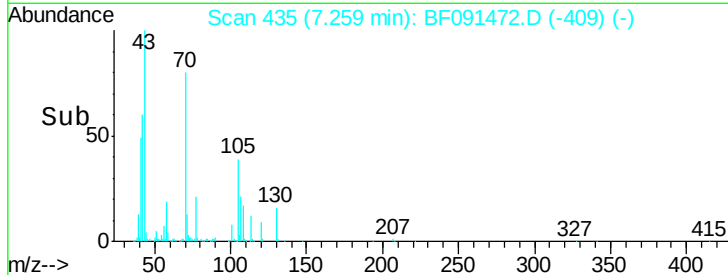
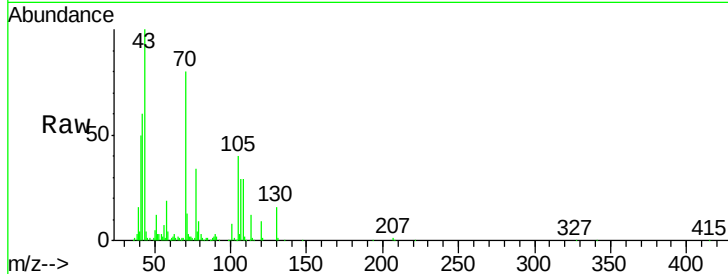
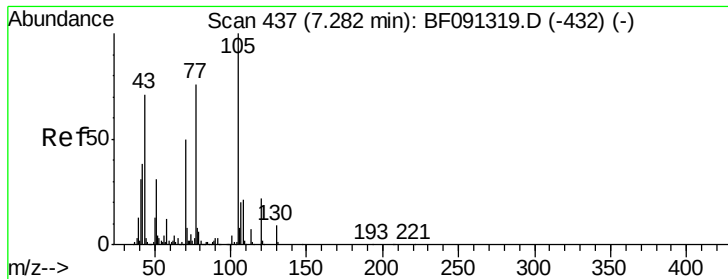
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#18
Hexachloroethane
Concen: 43.80 ng
RT: 7.35 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.6	118.0	
201	107.9	86.7	130.1	





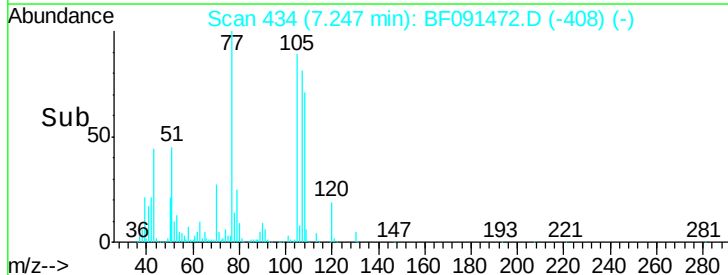
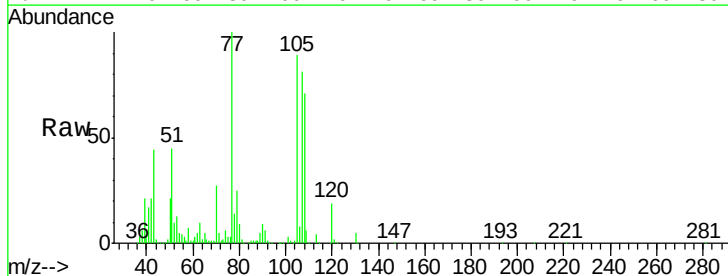
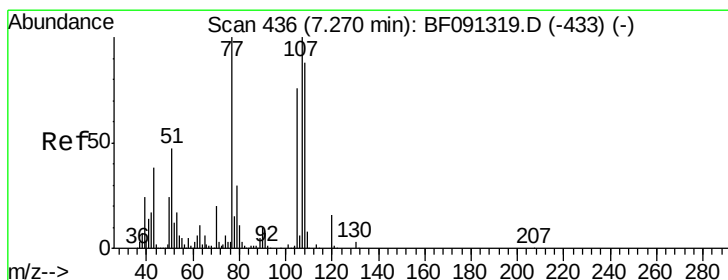
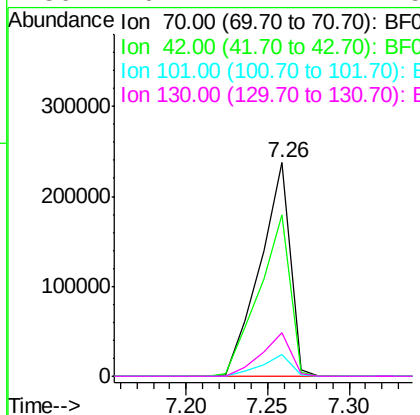
#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.3	64.8	97.2
101	10.0	6.2	9.4
130	20.1	11.7	17.5

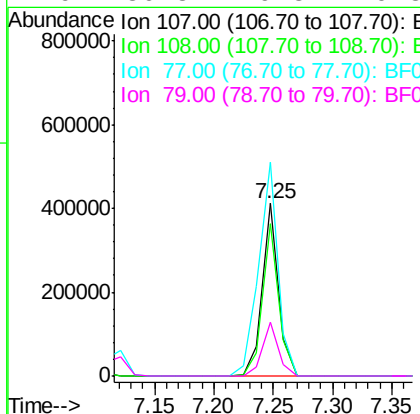
Manual Integrations
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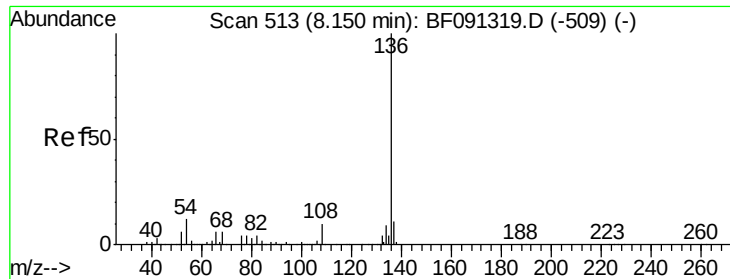
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#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	64.6	104.6
77	123.7	30.9	70.9
79	30.8	9.3	49.3





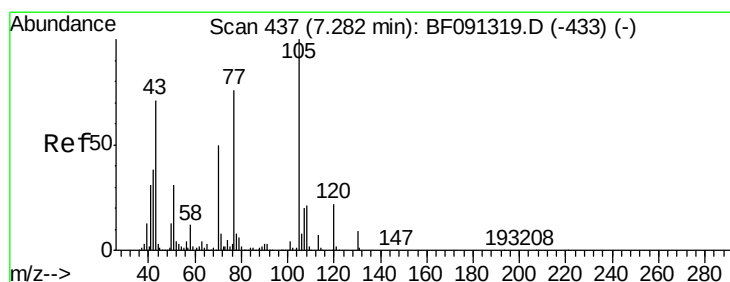
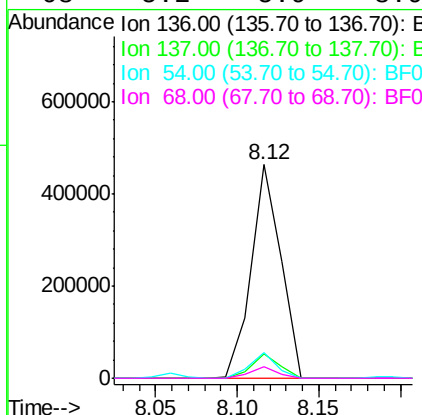
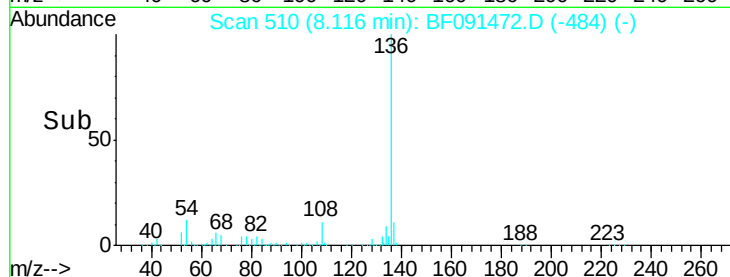
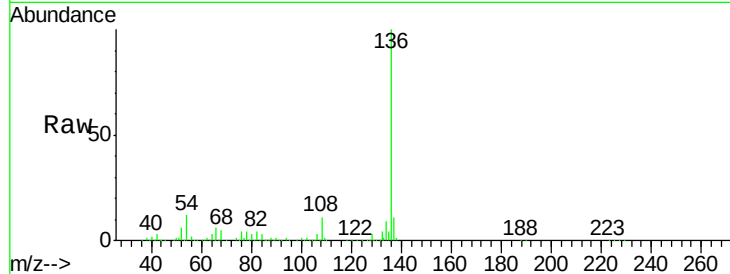
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		9.1	13.7	
54	12.3		9.1	13.7	
68	5.2		5.9	8.9	

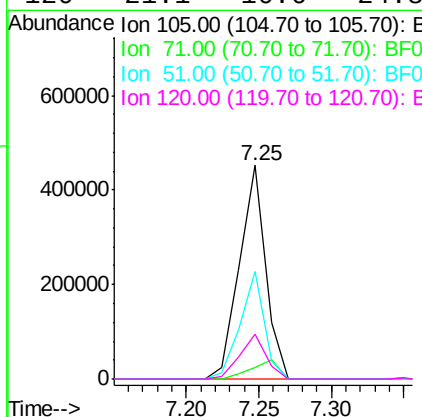
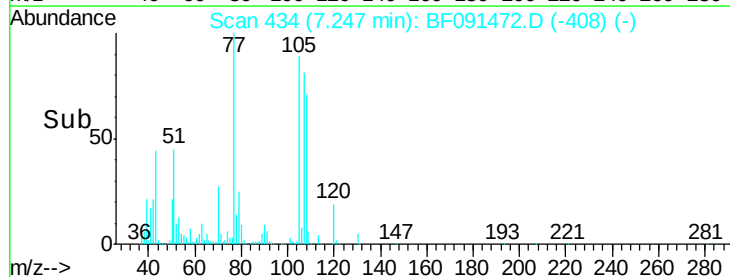
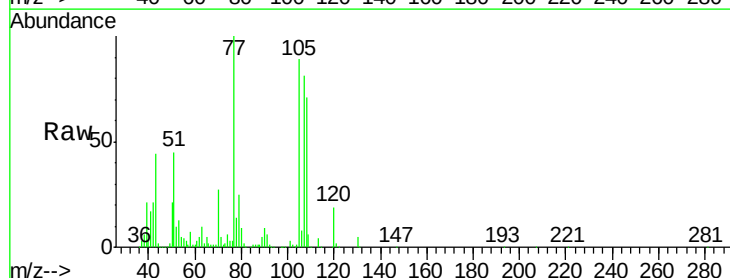
Manual Integrations
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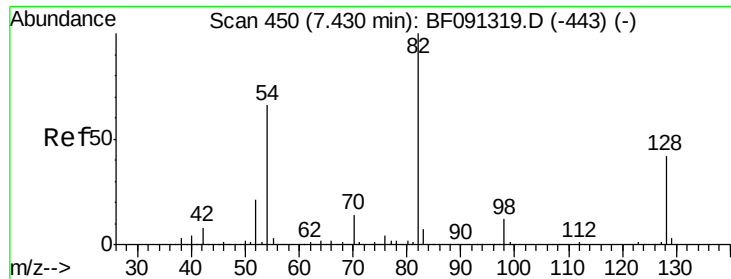
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#22
Acetophenone
Concen: 41.01 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.2		7.9	11.9	
51	50.3		24.5	36.7	
120	21.1		16.6	24.8	





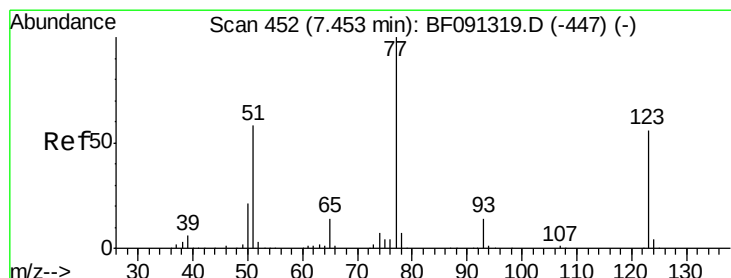
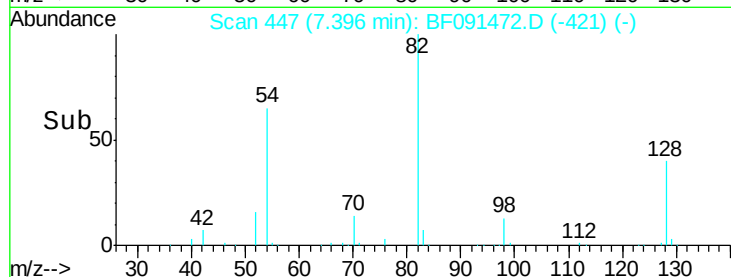
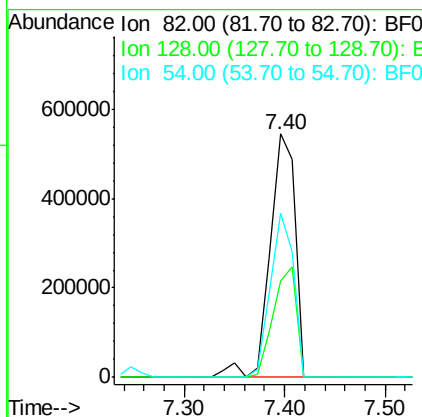
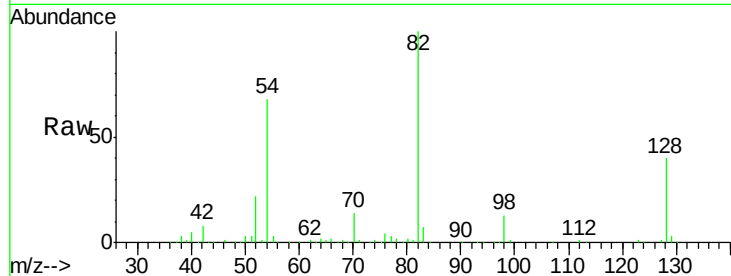
#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	941529		
128	39.7	31.8	47.6	
54	67.6	49.1	73.7	

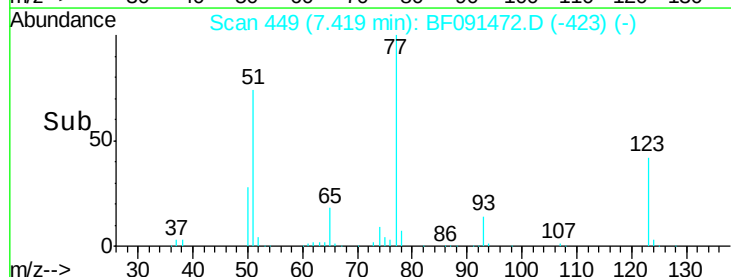
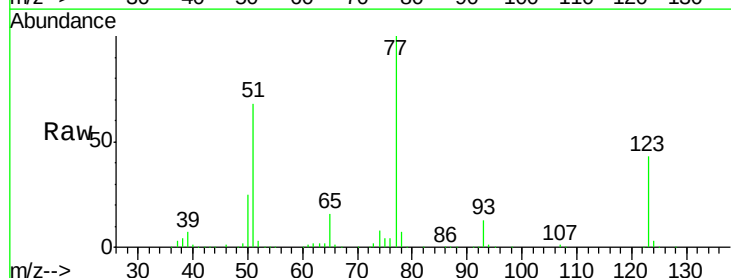
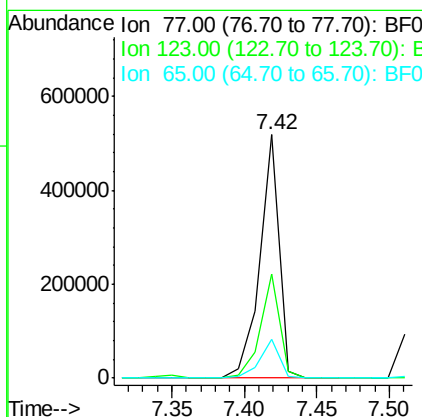
Manual Integrations
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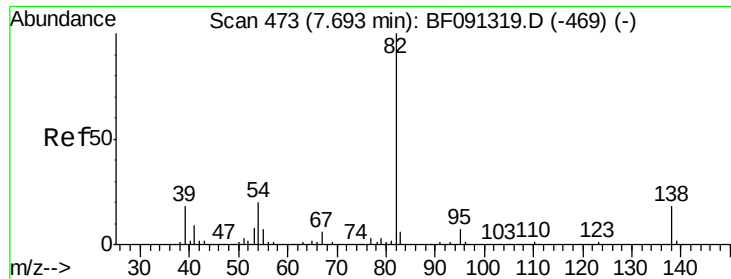
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#24
 Nitrobenzene
 Concen: 44.79 ng
 RT: 7.42 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	477561		
123	42.7	28.5	42.7	
65	16.0	12.5	18.7	





#25

Isophorone

Concen: 46.95 ng

RT: 7.66 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

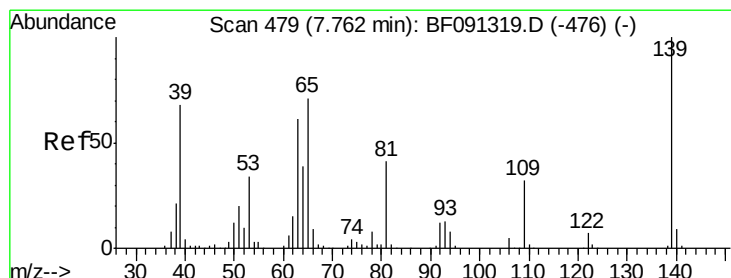
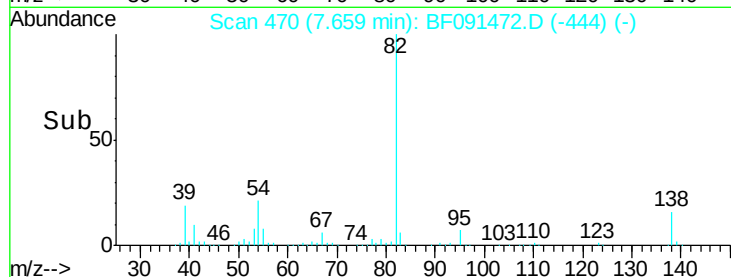
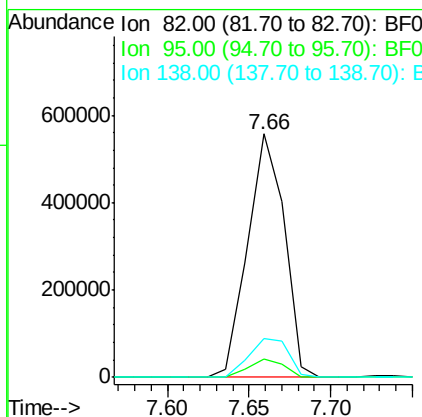
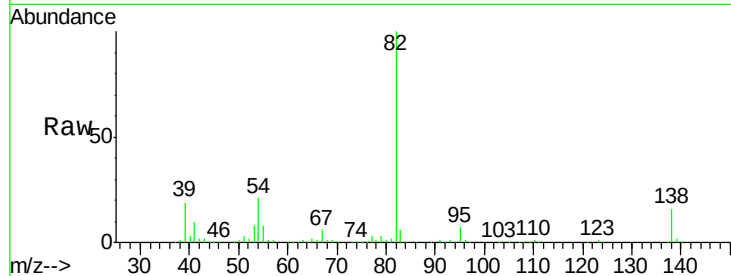
ClientSampleId :

PB95096BS

Tot Ion:	82	Resp:	866196
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	16.0	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.49 ng

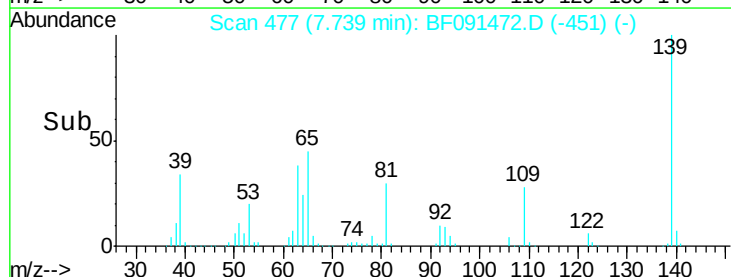
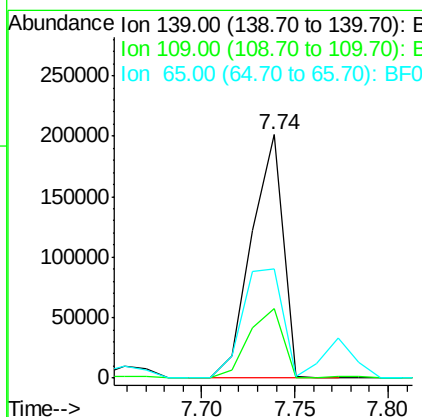
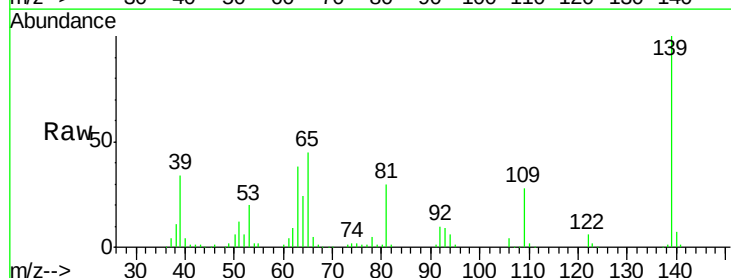
RT: 7.74 min Scan# 477

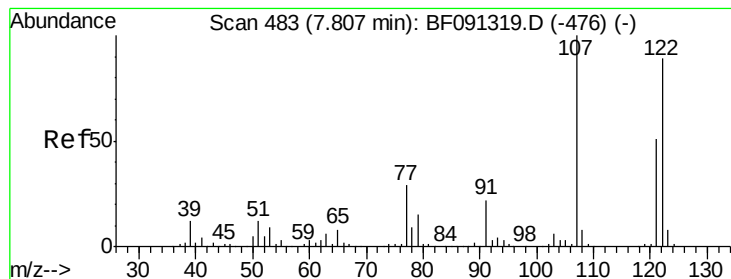
Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	139	Resp:	235596
Ion Ratio	Lower	Upper	
139	100		
109	28.4	25.3	37.9
65	44.8	55.4	83.2#





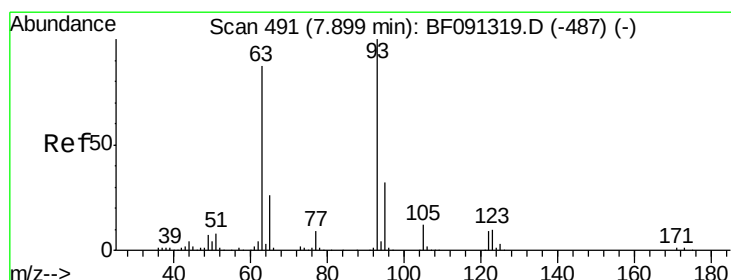
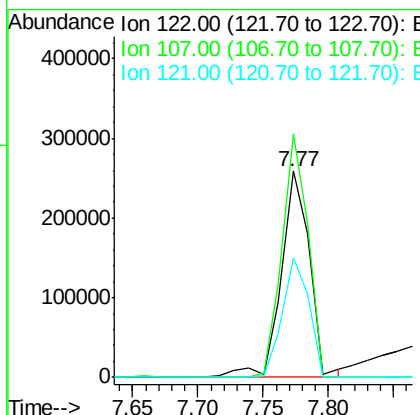
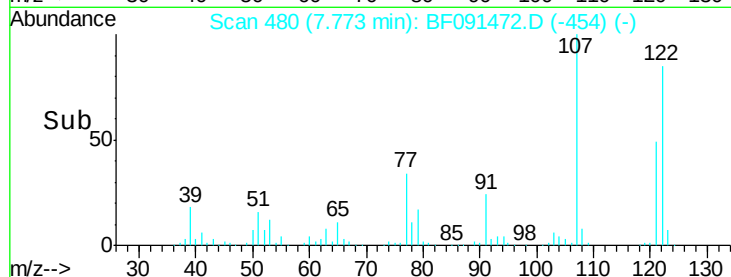
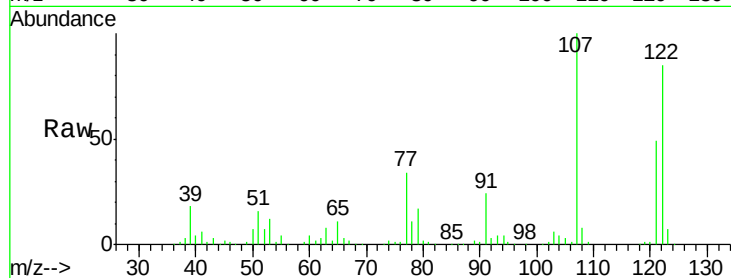
#27
2,4-Dimethylphenol
Concen: 43.19 ng
RT: 7.77 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	392580		
107	118.1	96.8	145.2	
121	57.8	47.7	71.5	

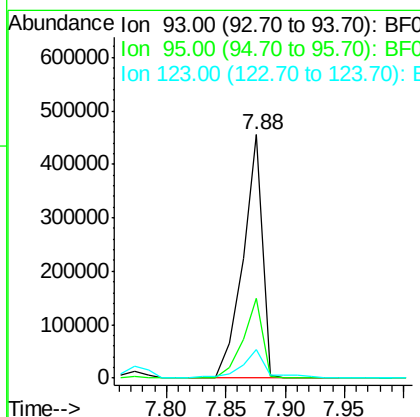
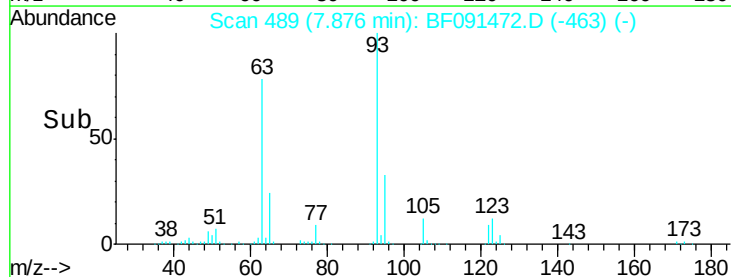
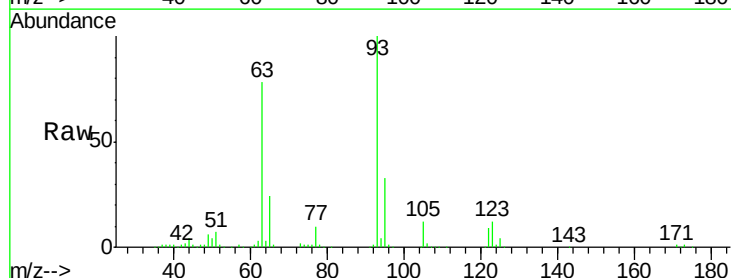
Manual Integrations
APPROVED

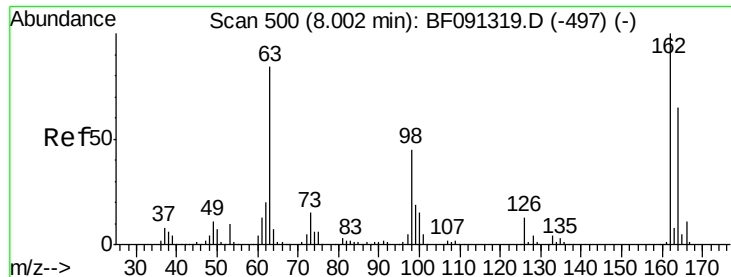
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 46.50 ng
RT: 7.88 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	516358		
95	32.6	26.0	39.0	
123	11.6	8.6	12.8	





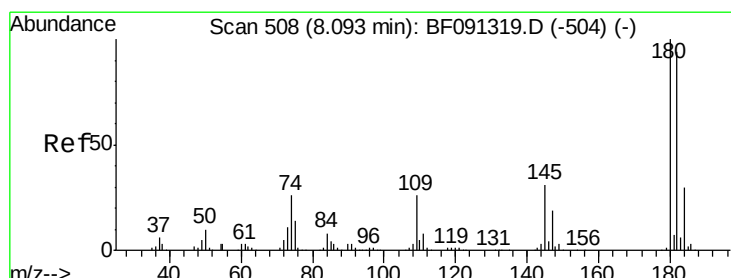
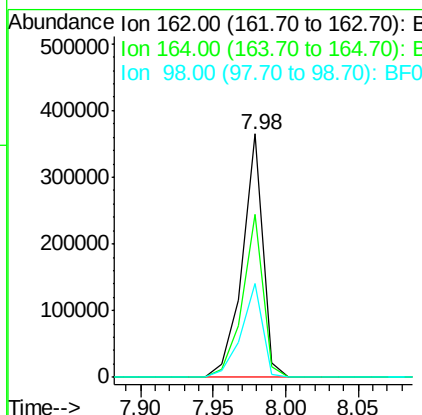
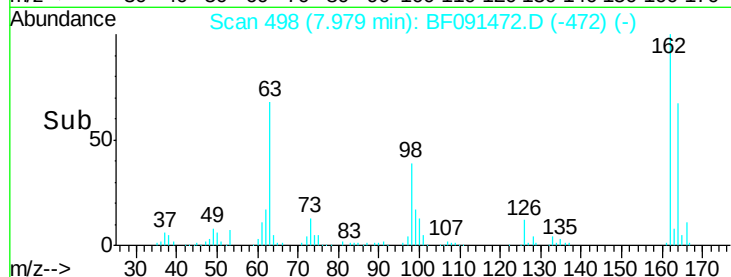
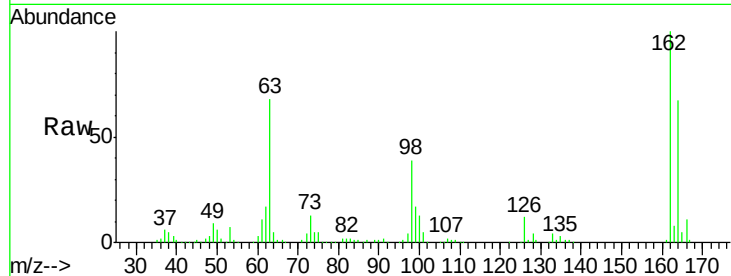
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleID :
 PB95096BS

Tot Ion:	162	Resp:	359535
Ion Ratio	Lower	Upper	
162	100		
164	66.9	45.0	85.0
98	38.5	21.3	61.3

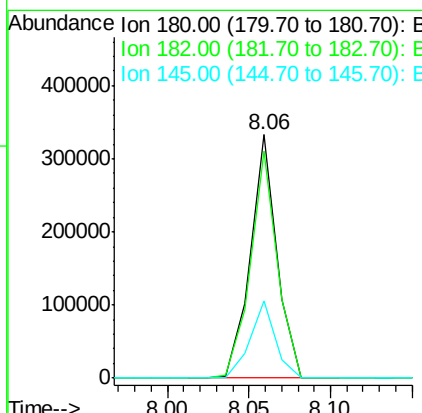
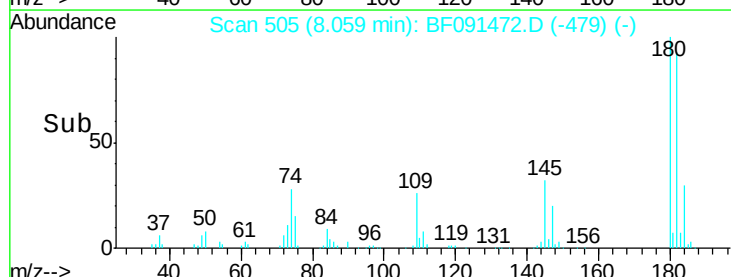
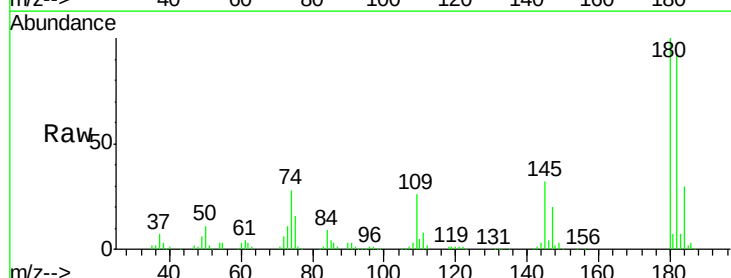
Manual Integrations
 APPROVED

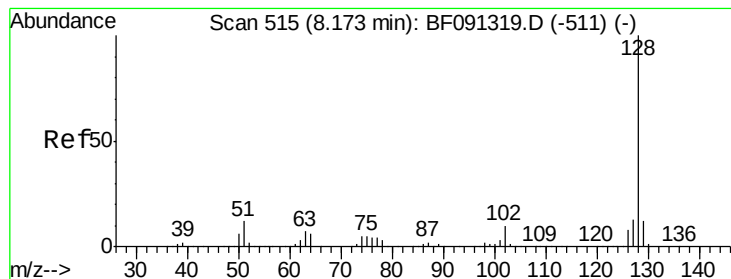
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.70 ng
 RT: 8.06 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:	180	Resp:	373823
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.8
145	31.7	27.0	40.4





#31

Naphthalene

Concen: 39.14 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampled :

PB95096BS

Tot Ion:128 Resp: 1085555

Ion Ratio Lower Upper

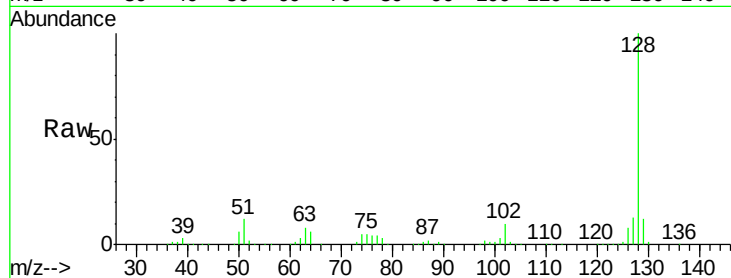
128 100

129 11.7 9.1 13.7

127 13.2 11.0 16.4

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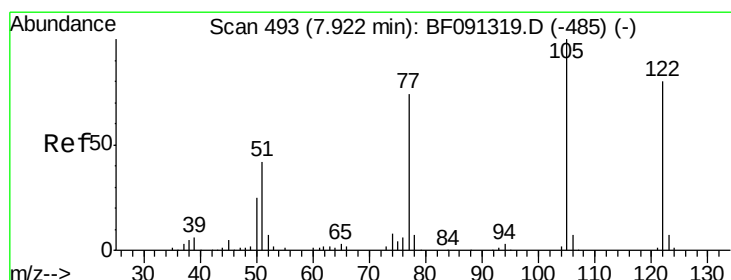
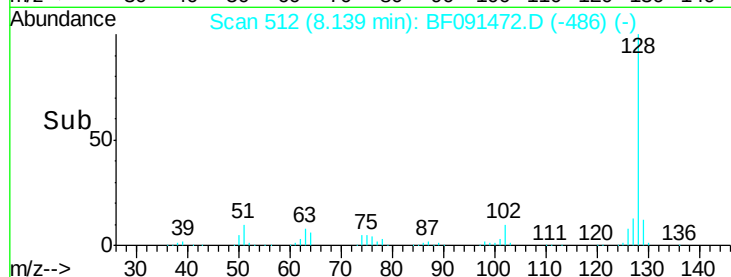
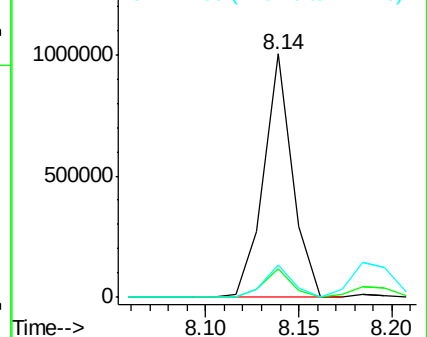
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.41 ng

RT: 7.91 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

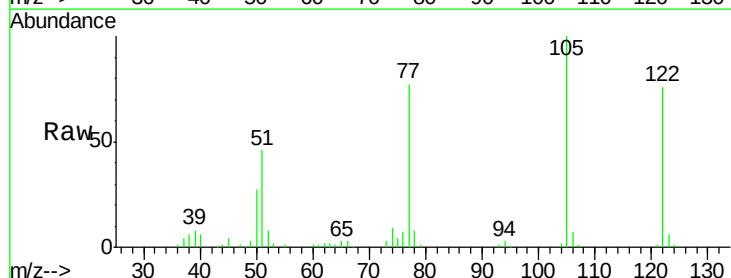
Tgt Ion:122 Resp: 277434

Ion Ratio Lower Upper

122 100

105 131.1 113.0 153.0

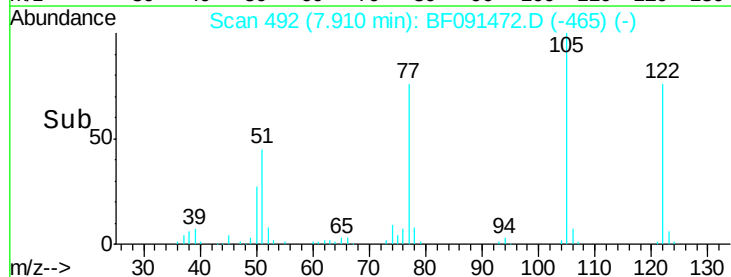
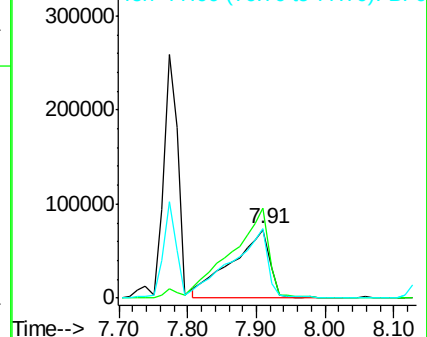
77 101.4 82.0 122.0

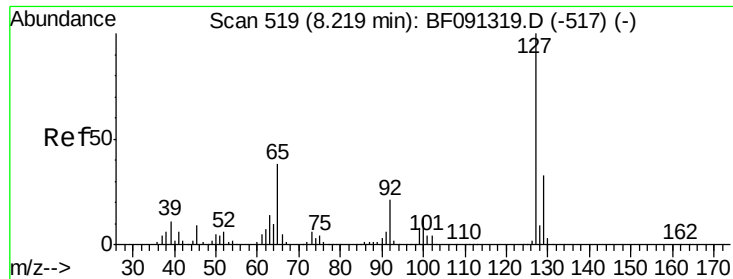


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





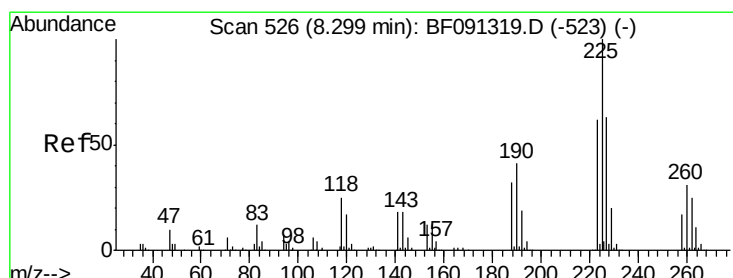
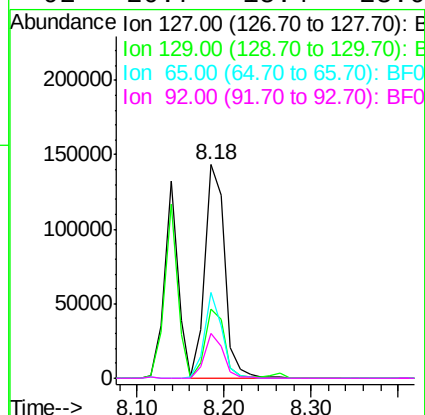
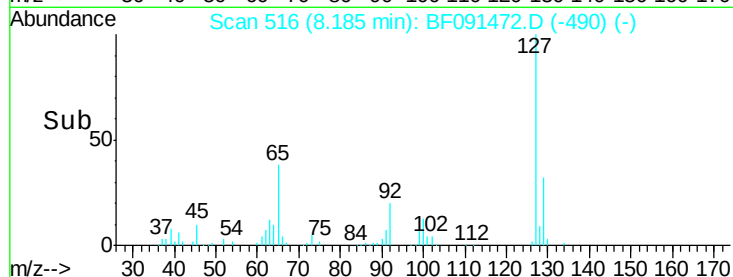
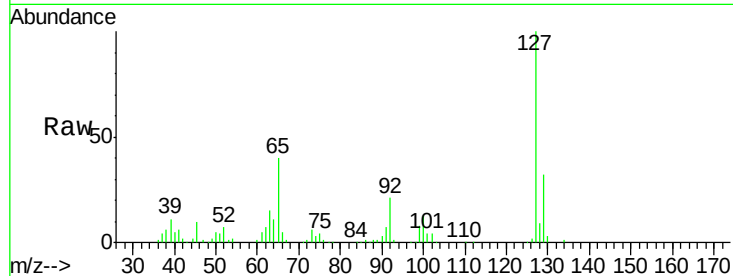
#33
4-Chloroaniline
Concen: 19.19 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.2	39.4
65	39.9	26.6	39.8
92	20.7	15.4	23.0

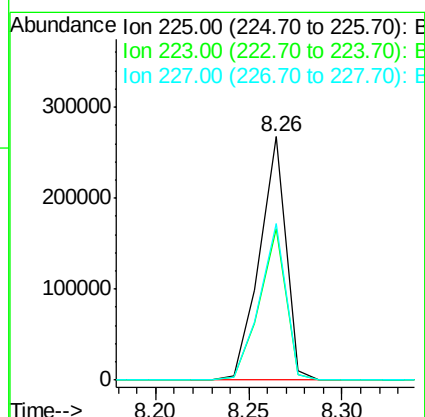
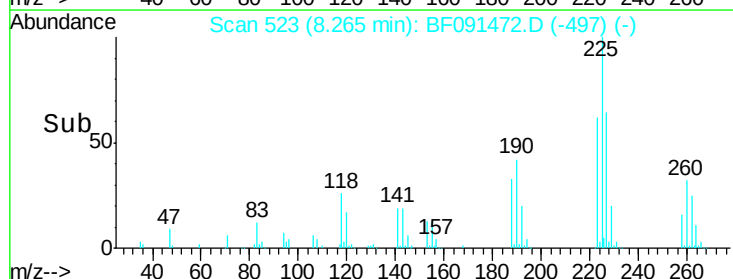
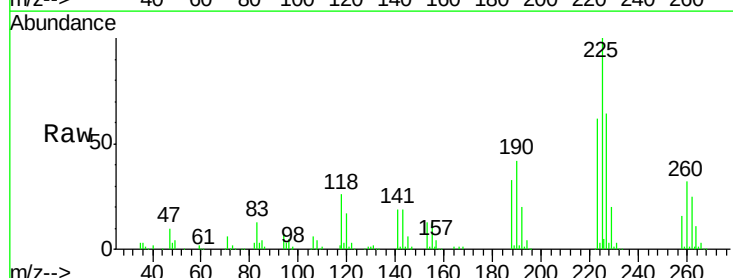
Manual Integrations
APPROVED

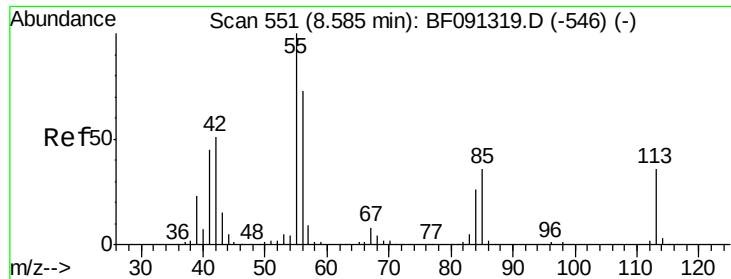
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#34
Hexachlorobutadiene
Concen: 47.65 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.5	49.8	74.6
227	64.1	52.6	79.0





#35

Caprolactam

Concen: 51.30 ng/mL

RT: 8.57 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleID :

PB95096BS

Tot Ion:113 Resp: 117895

Ion Ratio Lower Upper

113 100

55 236.8 239.8 279.8#

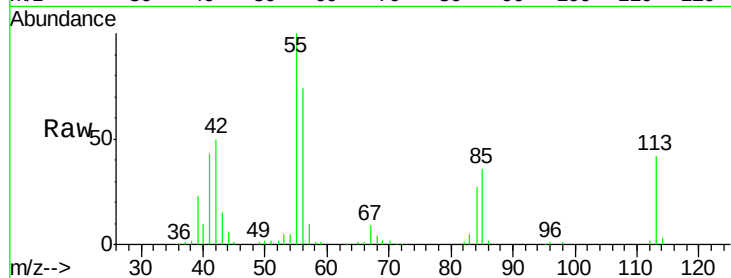
56 174.1 165.6 205.6

Manual Integrations

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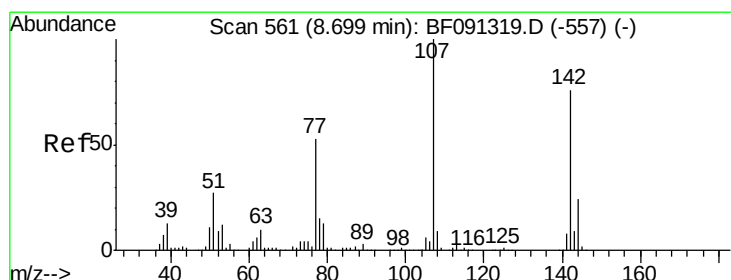
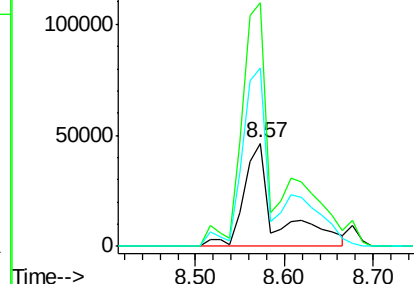
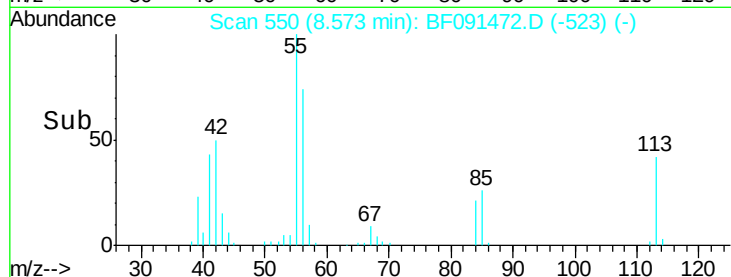
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.15 ng/mL

RT: 8.68 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

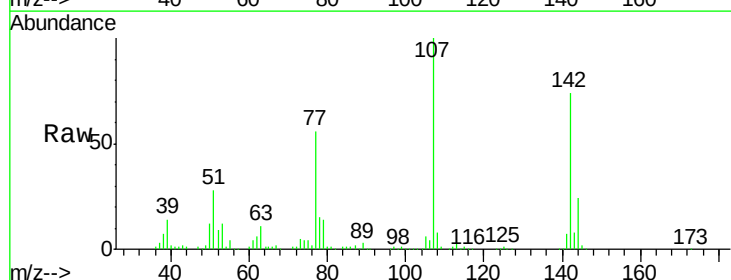
Tgt Ion:107 Resp: 355219

Ion Ratio Lower Upper

107 100

144 23.8 18.9 28.3

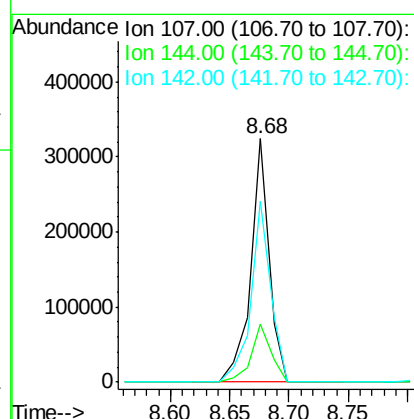
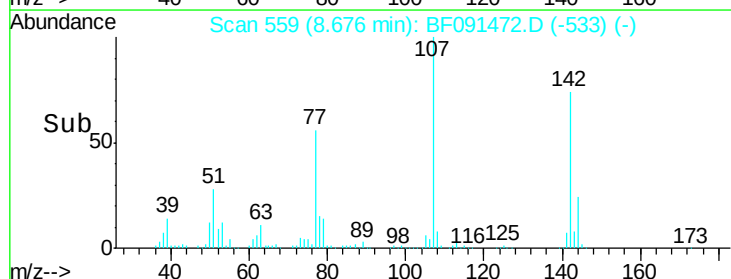
142 74.1 58.5 87.7

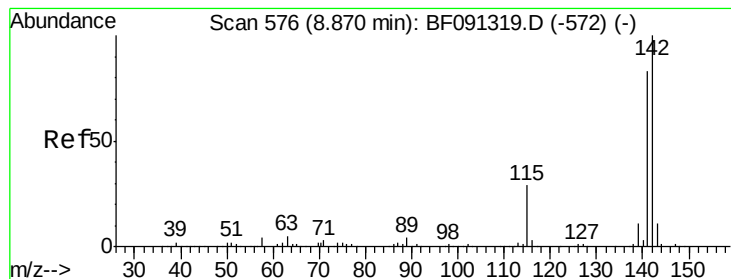


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





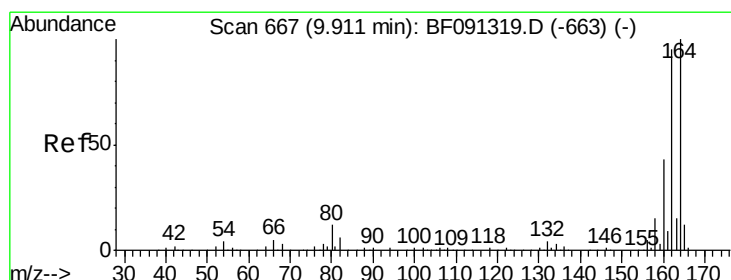
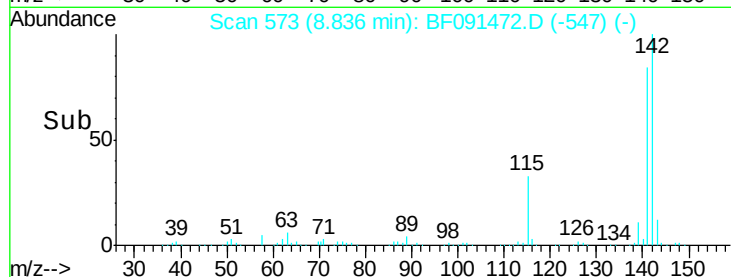
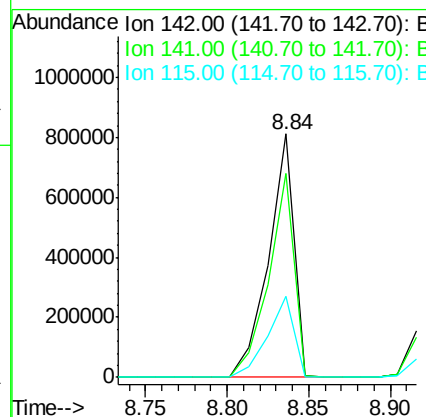
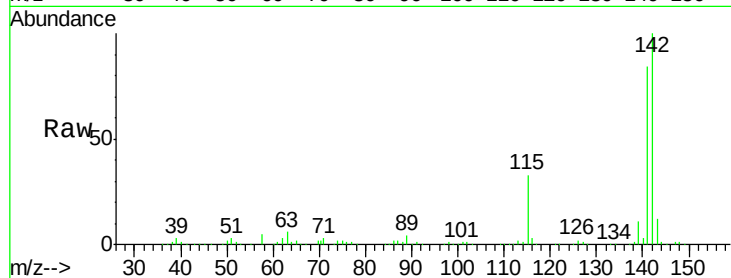
#37
2-Methylnaphthalene
Concen: 47.06 ng
RT: 8.84 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampled :
PB95096BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.7	107.5
115	33.3	25.0	37.6

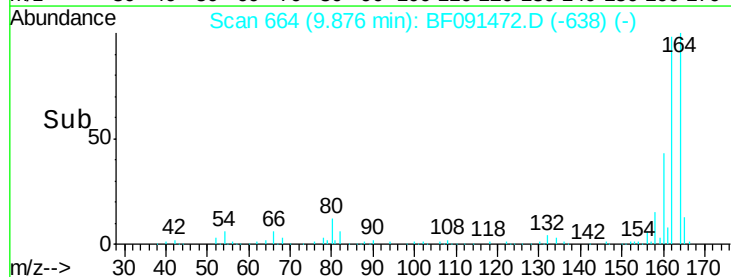
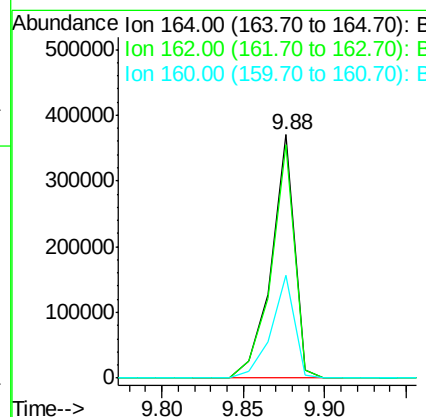
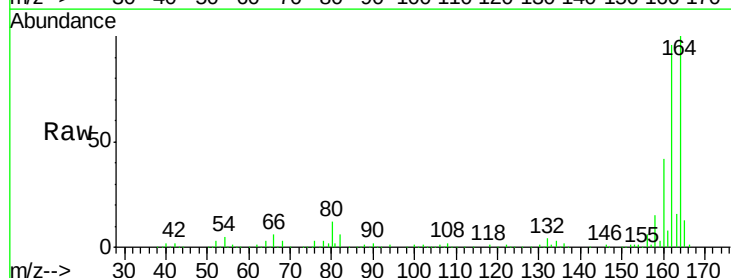
Manual Integrations
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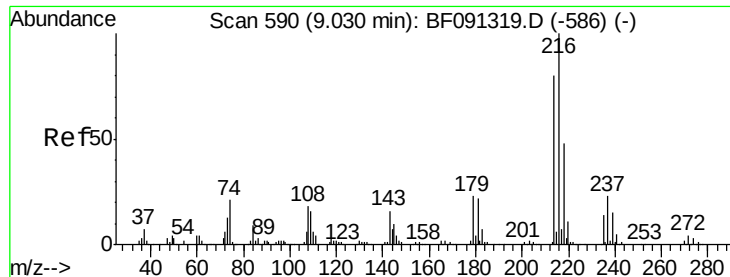
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	82.6	124.0
160	42.3	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.13 ng

RT: 9.00 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

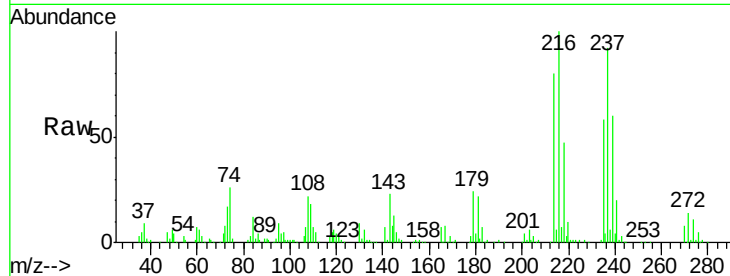
ClientSampled :

PB95096BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		385723		
214	78.1		63.8	95.8	
179	21.0		18.2	27.2	
108	19.3		17.2	25.8	

Manual Integrations
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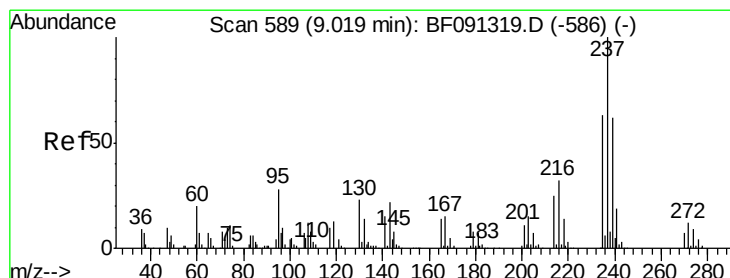
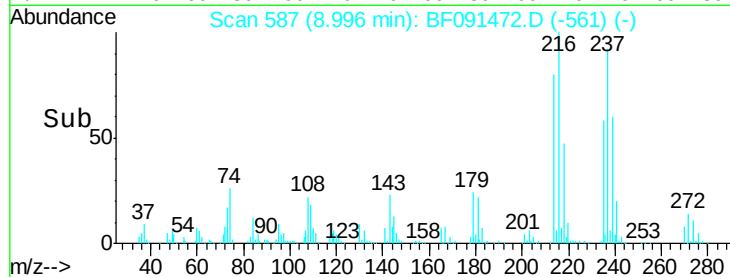
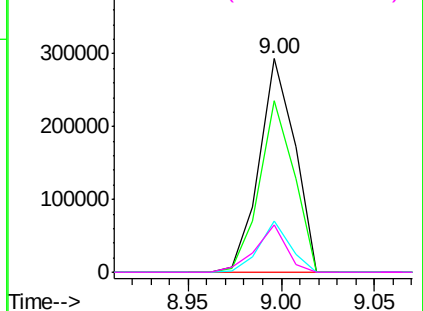


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.15 ng

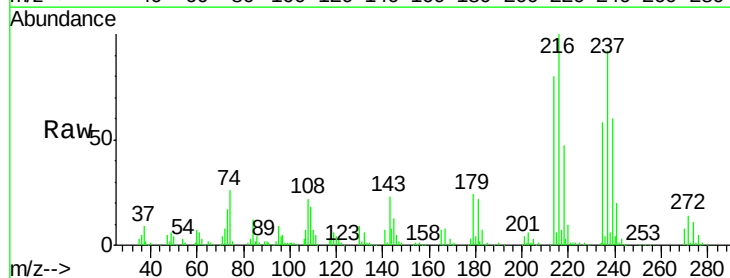
RT: 9.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

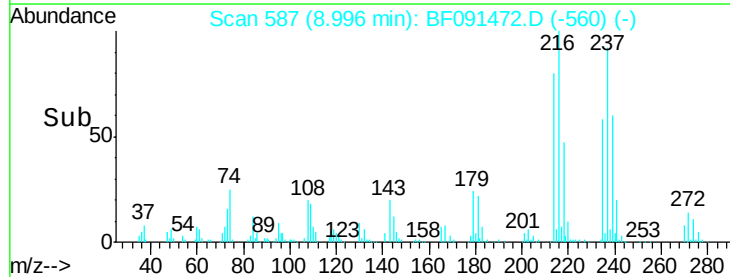
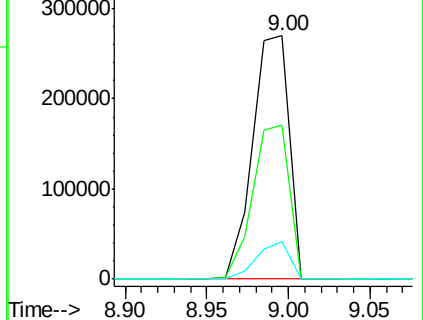
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		419668		
235	63.4		43.9	83.9	
272	15.4		0.0	33.1	

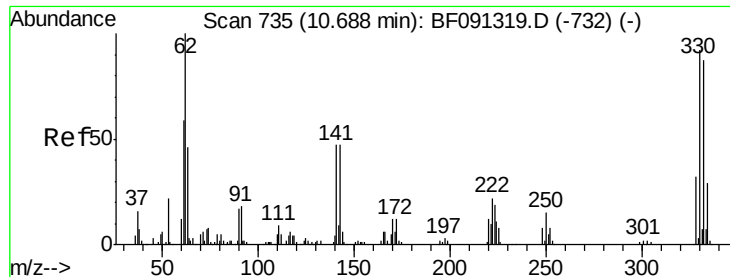


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





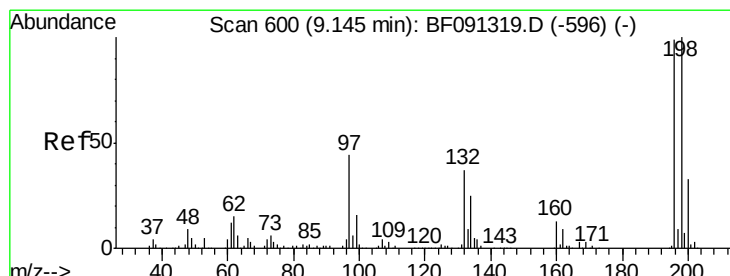
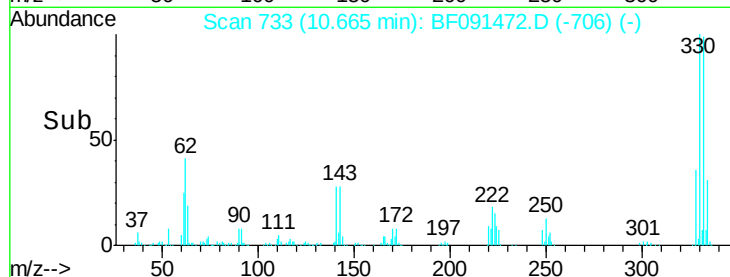
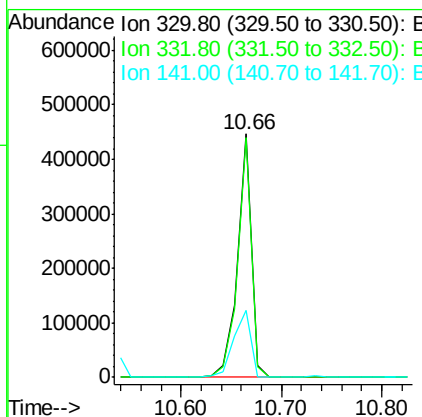
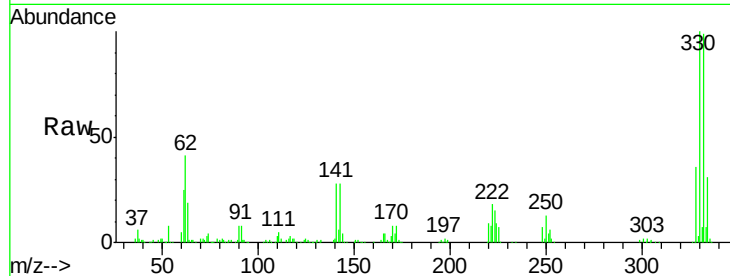
#41
 2,4,6-Tribromophenol
 Concen: 123.27 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.2	114.4	
141	34.2	33.6	50.4	

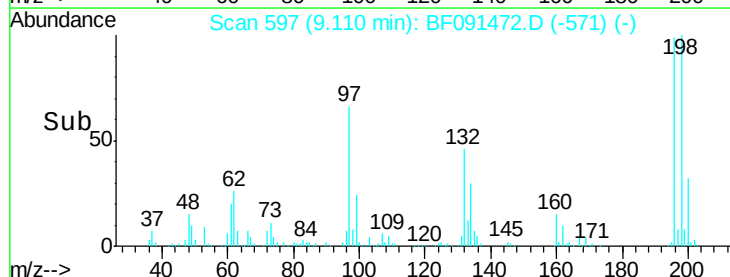
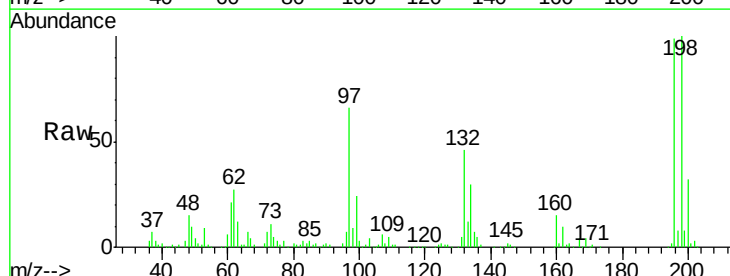
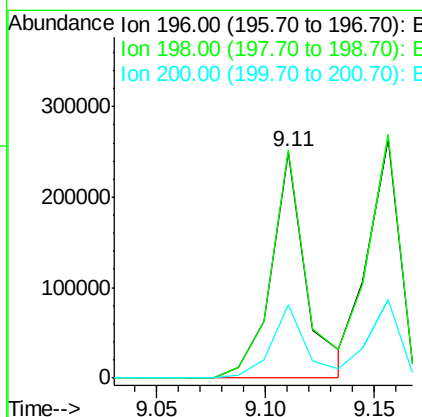
Manual Integrations
 APPROVED

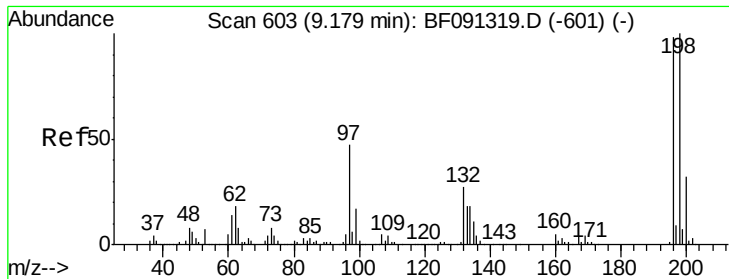
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 12/8/2016 2:03:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.52 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.2	77.4	116.0	
200	32.2	25.2	37.8	





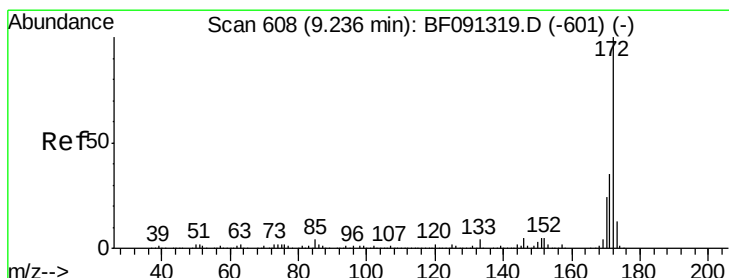
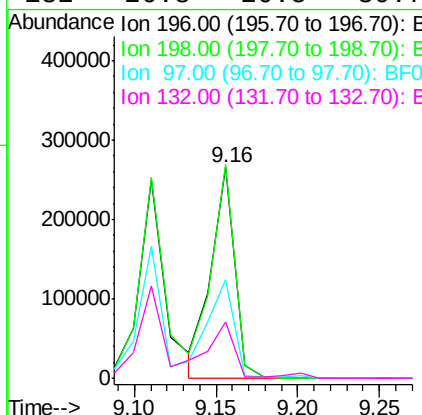
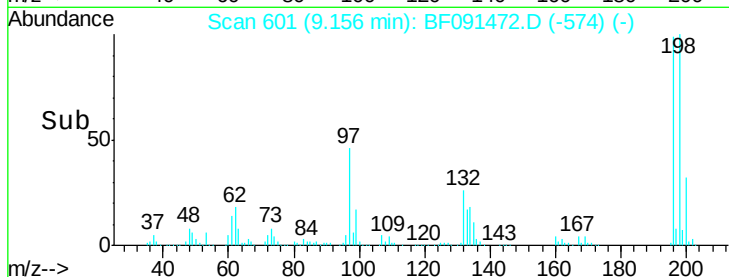
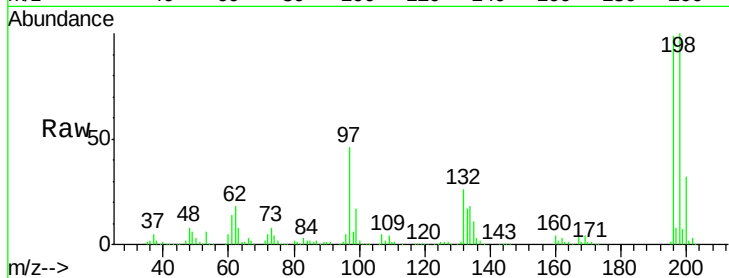
#43
2,4,5-Trichlorophenol
Concen: 39.52 ng
RT: 9.16 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampled :
PB95096BS

Tot Ion	196	Resp	267423
Ion Ratio	Lower	Upper	
196	100		
198	101.4	77.0	115.6
97	46.5	33.5	50.3
132	26.8	20.5	30.7

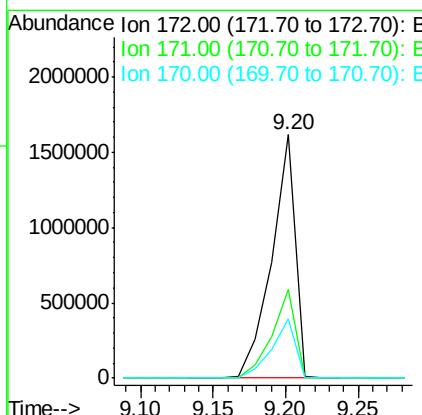
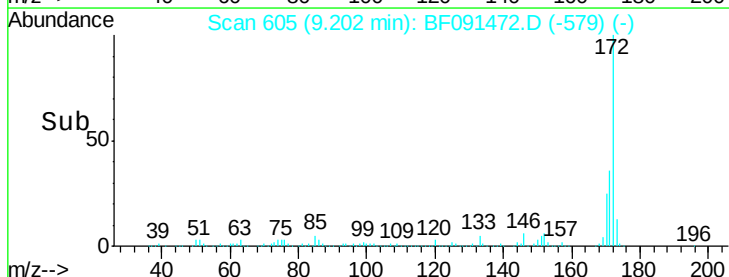
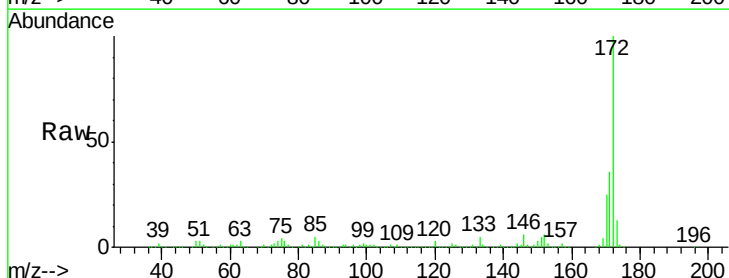
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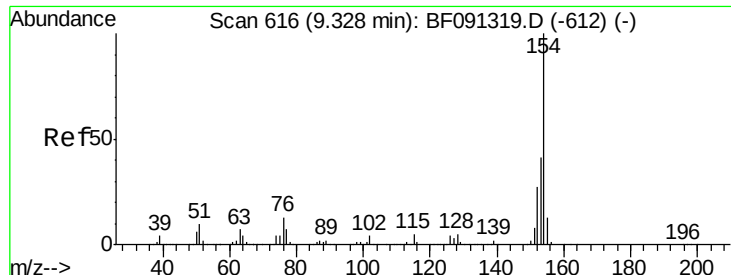
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#44
2-Fluorobiphenyl
Concen: 90.10 ng
RT: 9.20 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	172	Resp	1833720
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.6	19.7	29.5





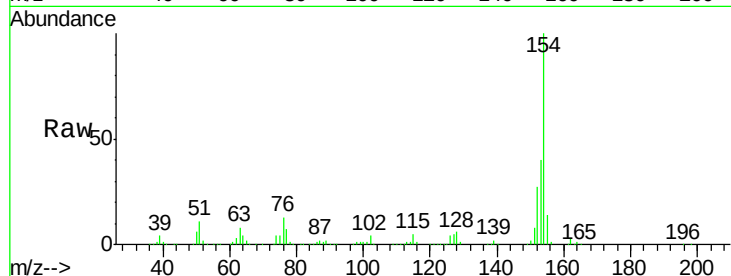
#45
1,1'-Biphenyl
Concen: 36.84 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

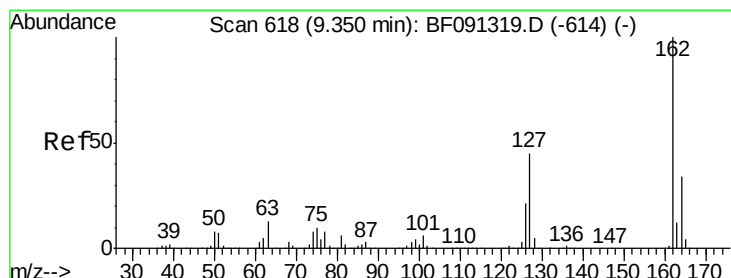
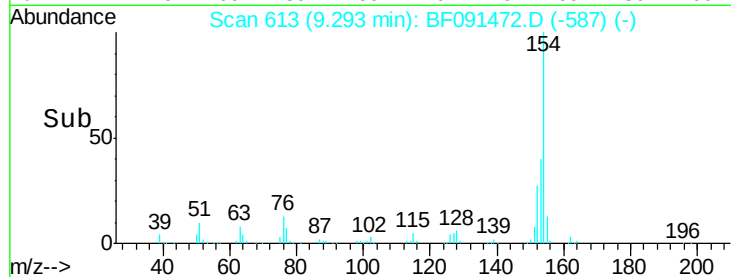
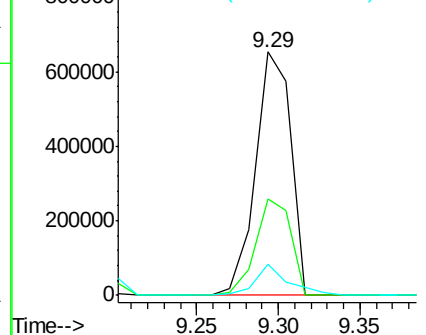
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.6	60.6	
76	12.6	0.0	36.6	

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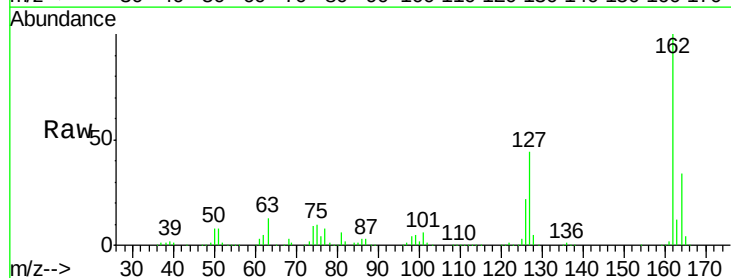


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

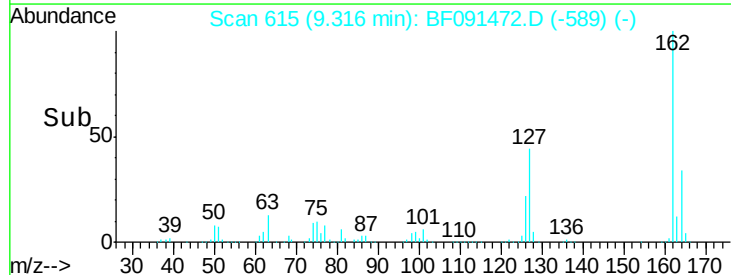
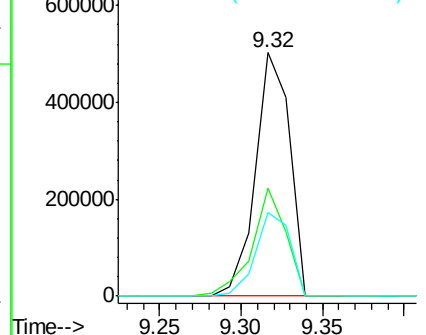


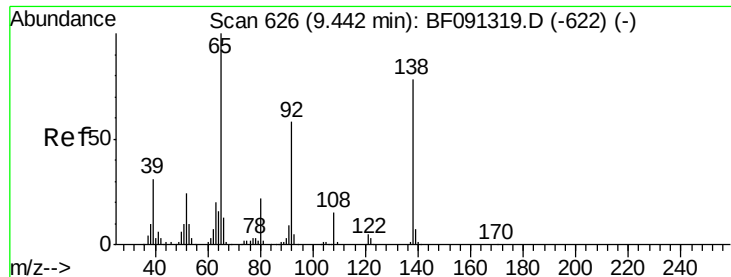
#46
2-Chloronaphthalene
Concen: 36.93 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.4	34.3	51.5	
164	34.2	26.6	40.0	



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





#47

2-Nitroaniline

Concen: 42.34 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

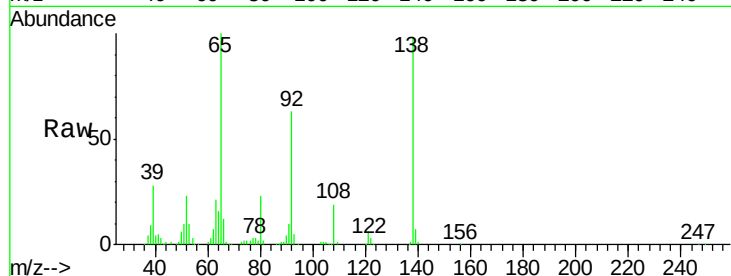
PB95096BS

Tot Ion: 65 Resp: 300072
Ion Ratio Lower Upper

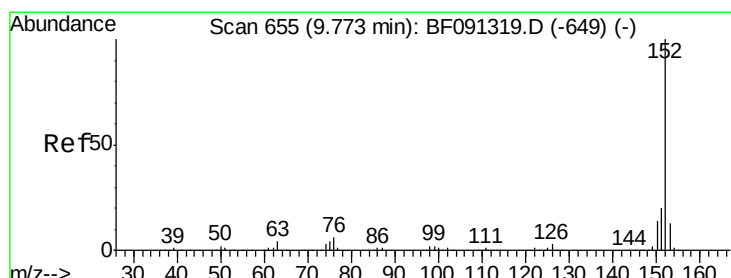
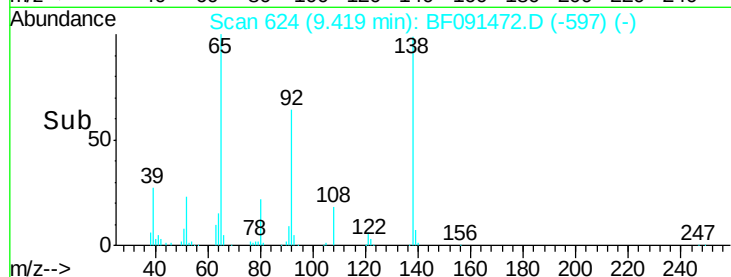
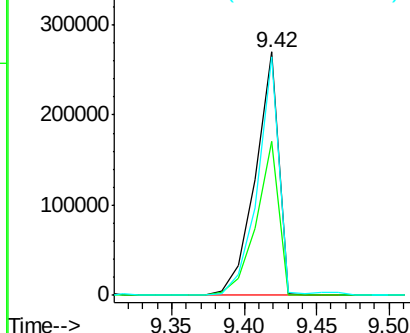
65	100		
92	63.0	53.6	80.4
138	97.8	91.0	136.6

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.36 ng

RT: 9.74 min Scan# 652

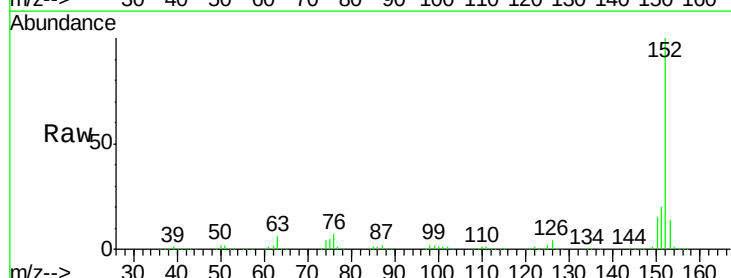
Delta R.T. 0.00 min

Lab File: BF091472.D

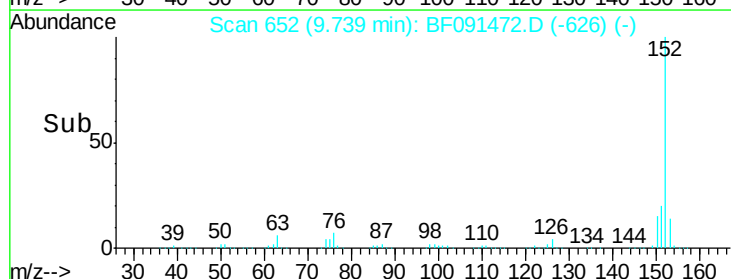
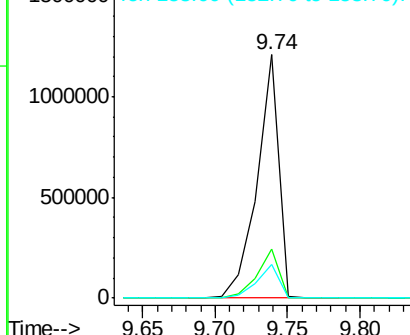
Acq: 7 Dec 2016 16:30

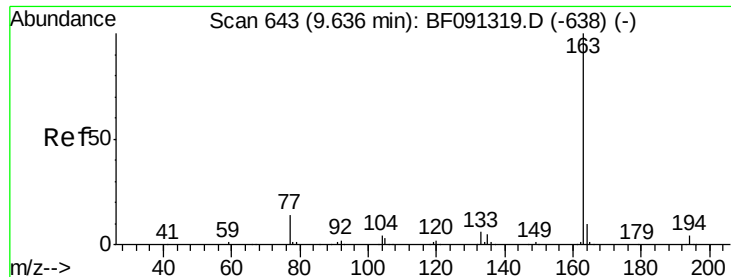
Tgt Ion: 152 Resp: 1253632
Ion Ratio Lower Upper

152	100		
151	20.3	16.6	24.8
153	13.9	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





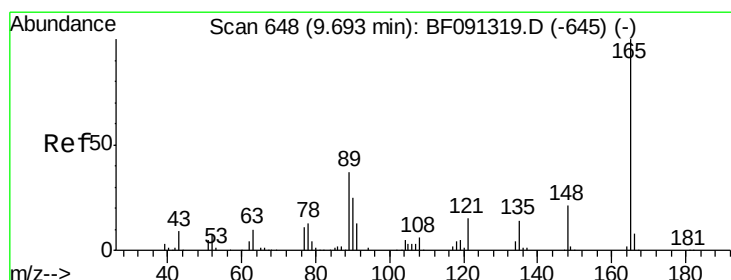
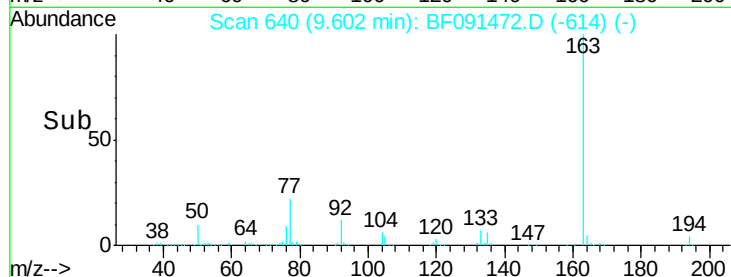
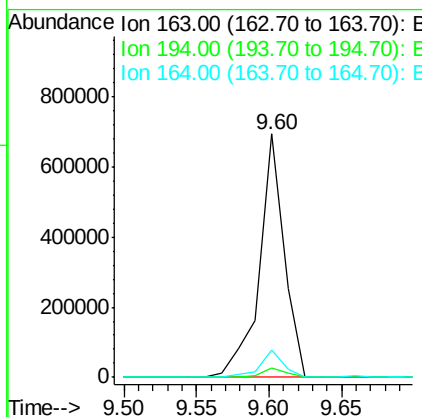
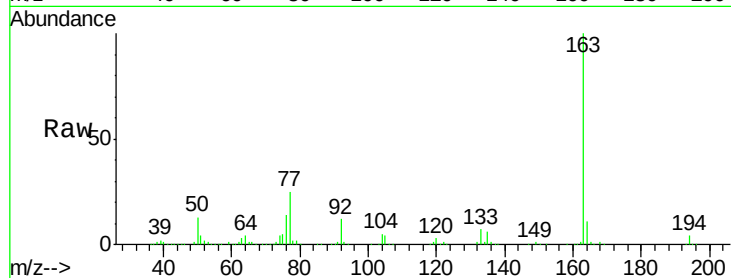
#49
Dimethylphthalate
Concen: 36.92 ng
RT: 9.60 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	823778		
194	3.6		3.0	4.4
164	11.1		7.8	11.8

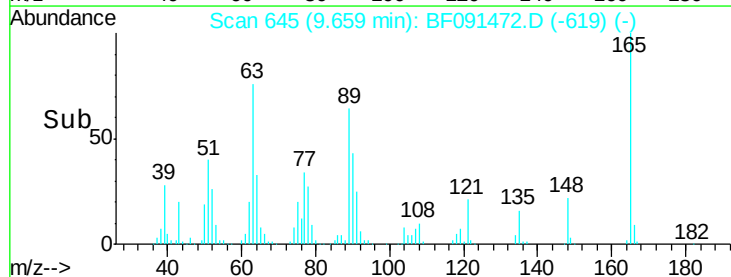
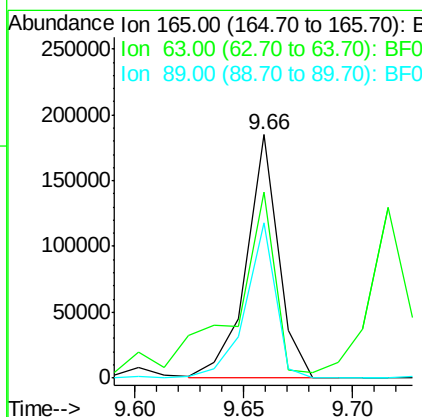
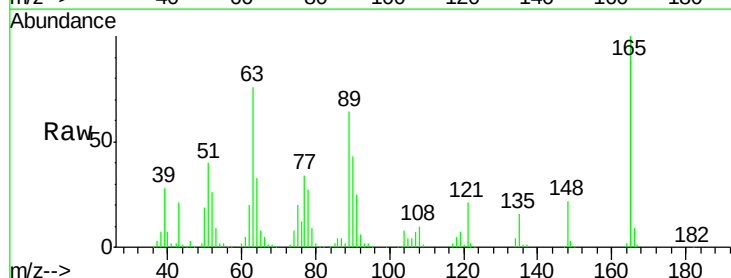
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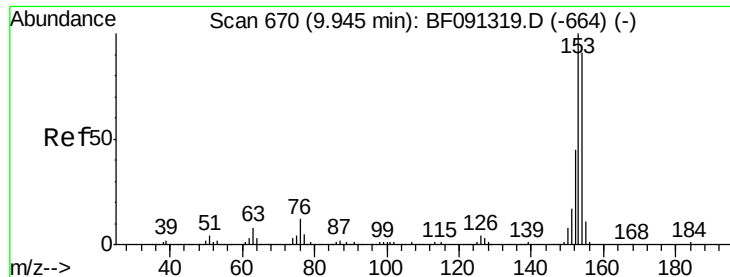
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#50
2,6-Dinitrotoluene
Concen: 38.34 ng
RT: 9.66 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191190		
63	76.4		59.4	89.0
89	63.9		50.8	76.2





#51

Acenaphthene

Concen: 45.14 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

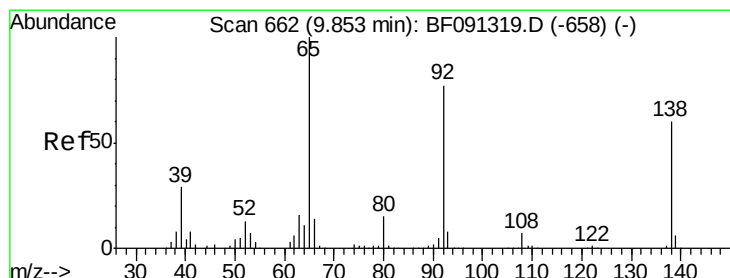
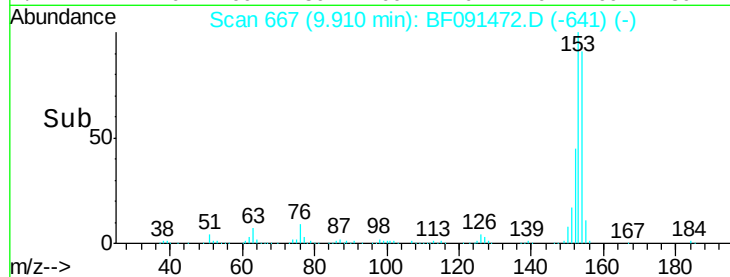
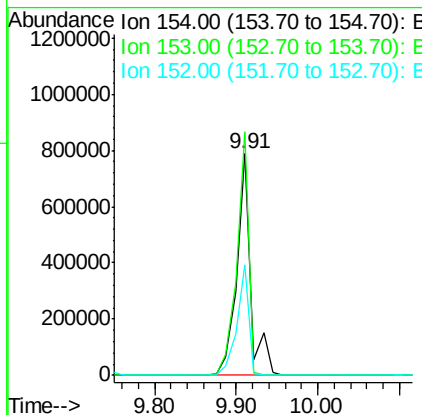
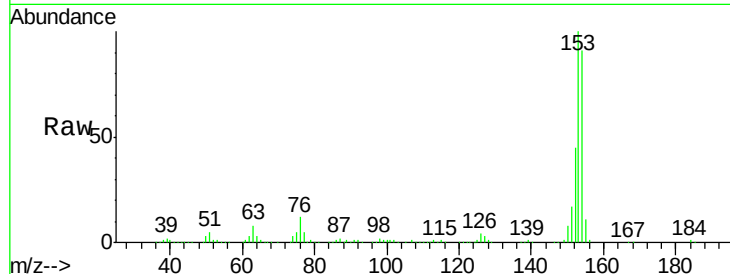
ClientSampleID :

PB95096BS

Tot Ion:	154	Resp:	945922
Ion Ratio	Lower	Upper	
154	100		
153	109.8	91.0	136.6
152	49.9	44.2	66.2

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#52

3-Nitroaniline

Concen: 21.12 ng

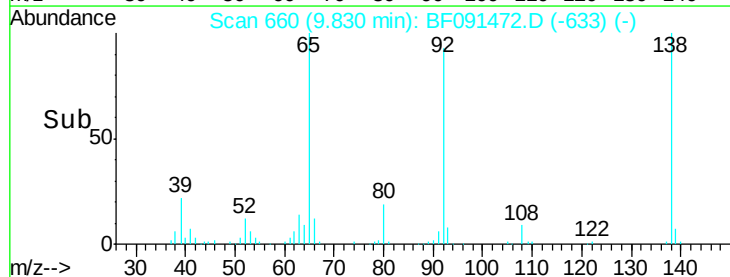
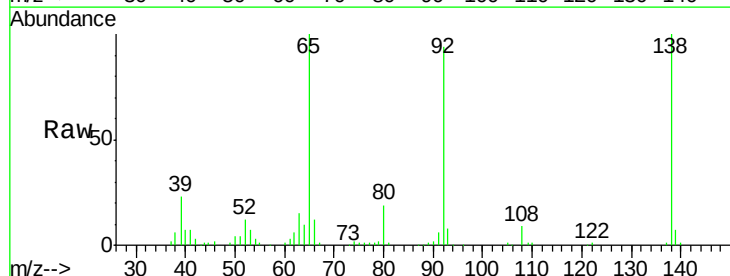
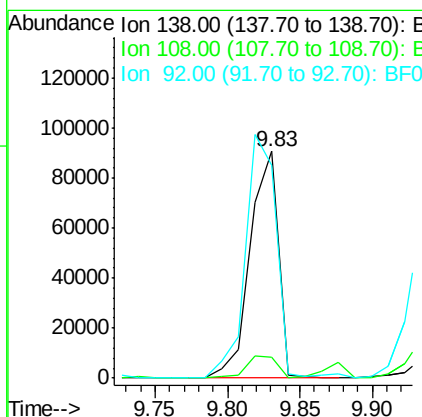
RT: 9.83 min Scan# 660

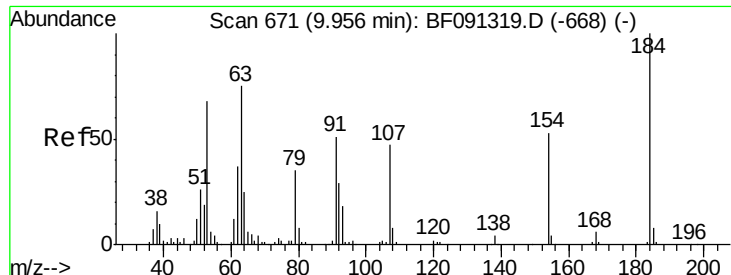
Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	138	Resp:	121910
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.1	12.1
92	93.8	92.5	138.7





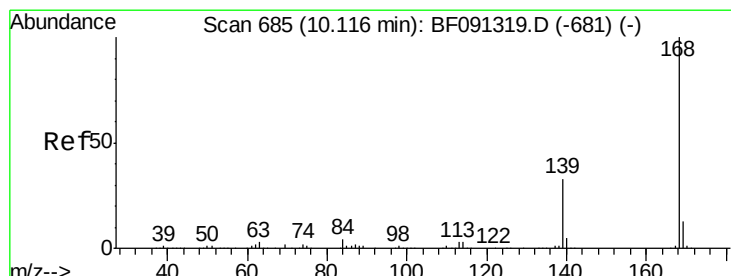
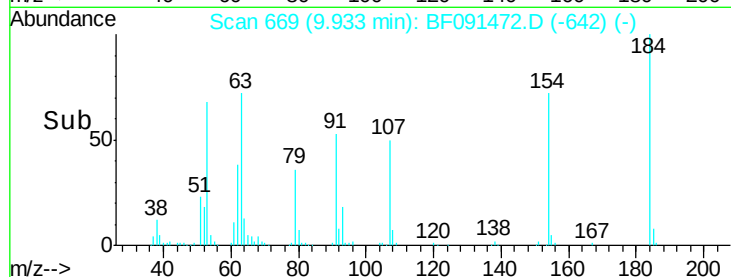
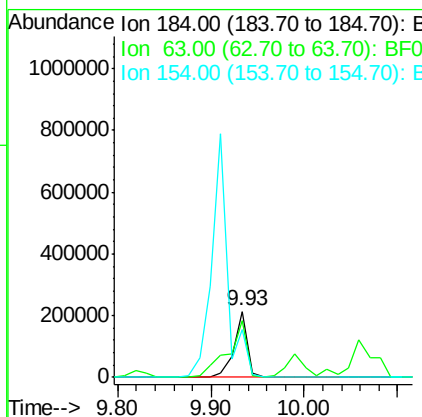
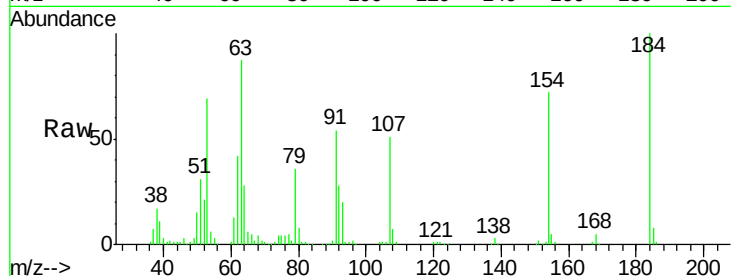
#53
2,4-Dinitrophenol
Concen: 99.12 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	216173		
63	87.1	58.3	87.5	
154	72.0	48.6	73.0	

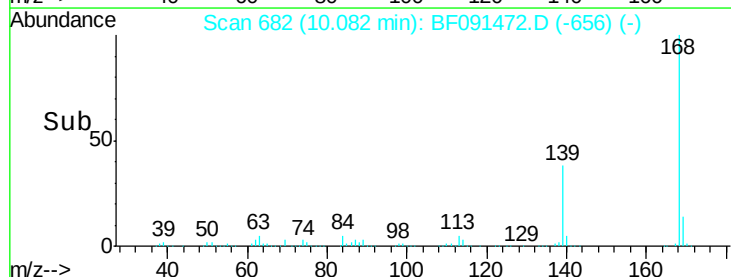
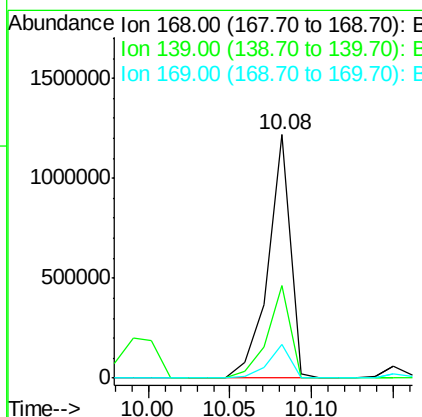
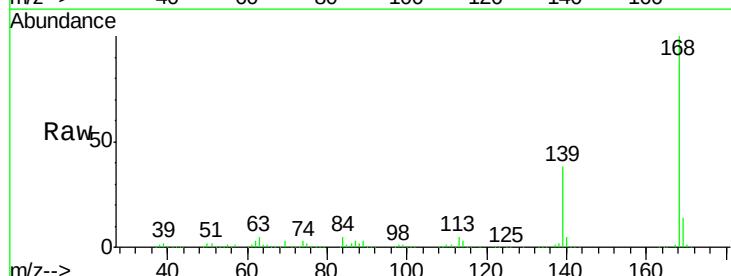
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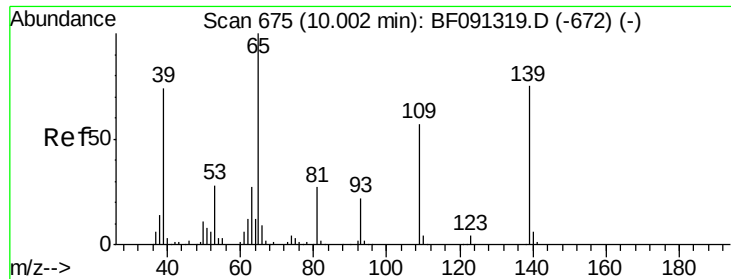
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#54
Dibenzofuran
Concen: 41.27 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1157817		
139	37.8	33.4	50.2	
169	13.6	11.1	16.7	





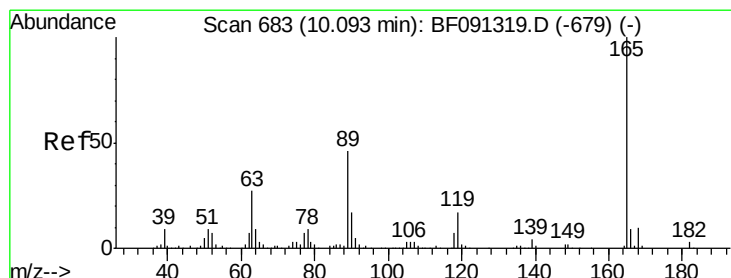
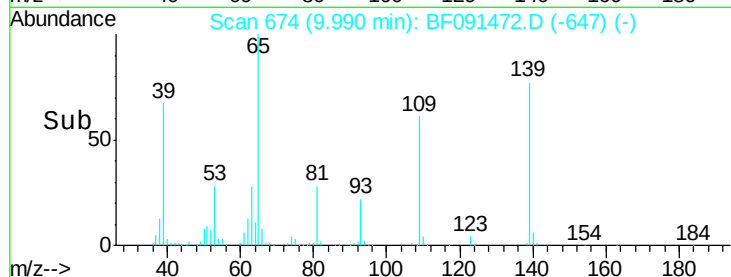
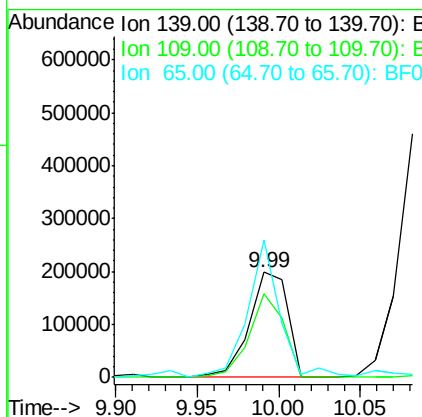
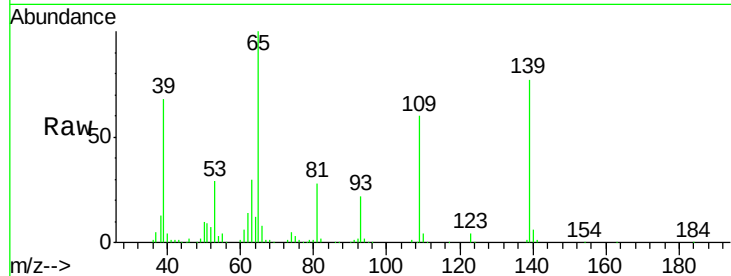
#55
4-Nitrophenol
Concen: 78.29 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampled :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.0	54.9	94.9	
65	130.7	102.2	142.2	

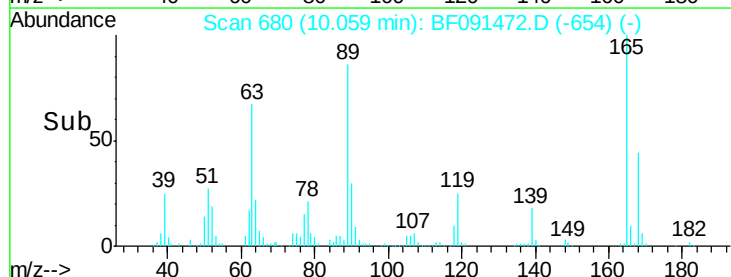
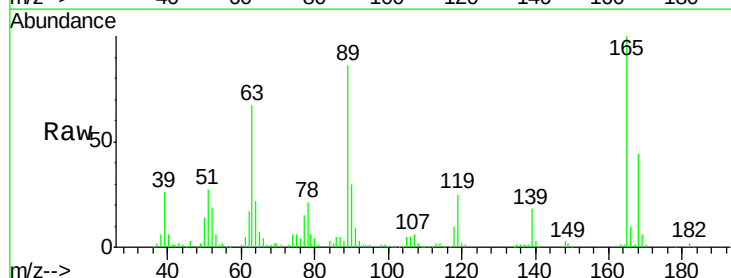
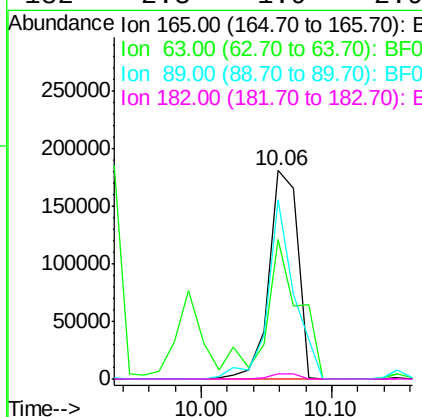
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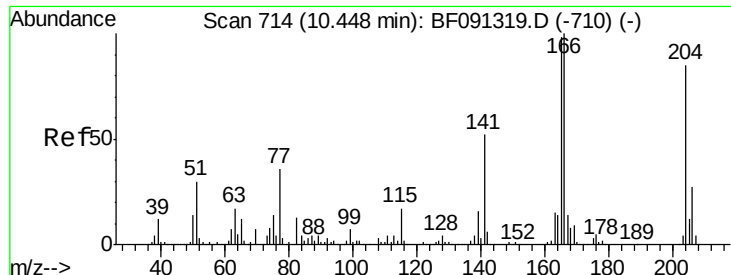
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#56
2,4-Dinitrotoluene
Concen: 42.38 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	29.0	43.4#	
89	86.3	43.1	64.7#	
182	2.3	1.9	2.9	





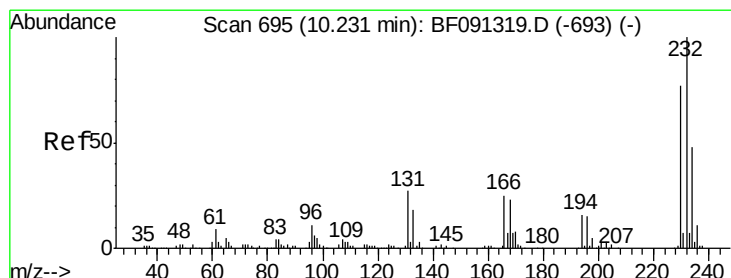
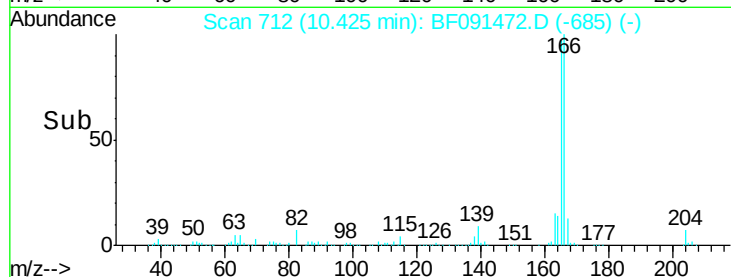
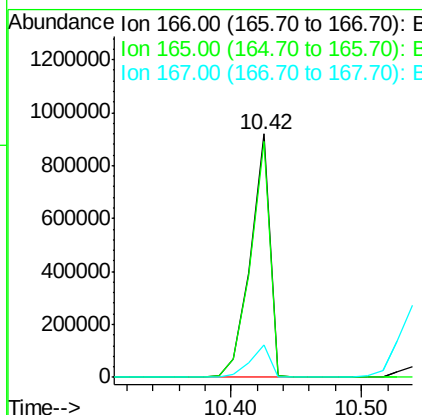
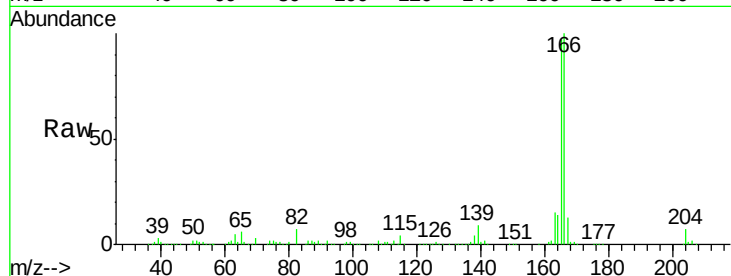
#57
Fluorene
 Concen: 44.57 ng
 RT: 10.42 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	959925		
165	97.1	80.0	120.0	
167	13.3	10.8	16.2	

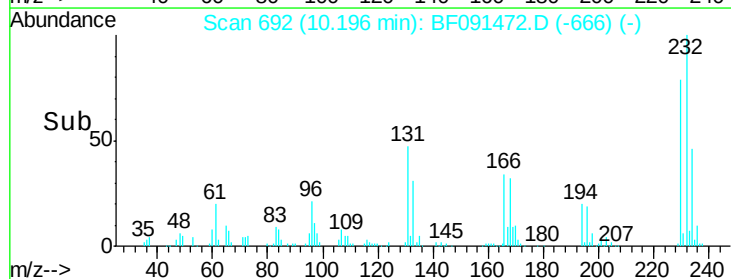
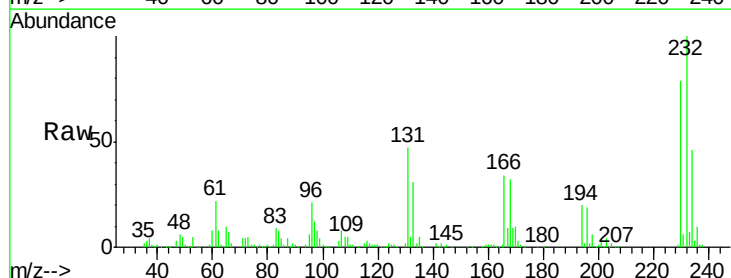
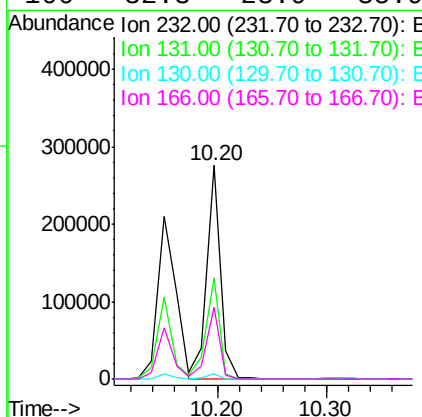
Manual Integrations
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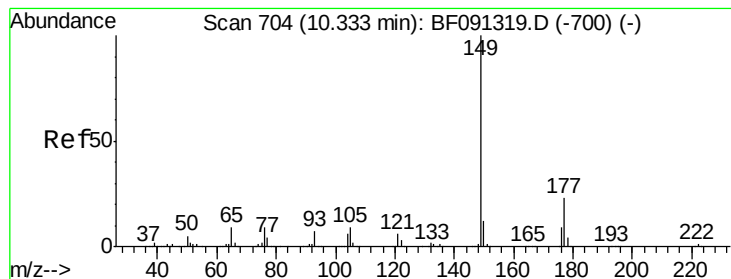
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.32 ng
 RT: 10.20 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	244533		
131	46.3	38.4	57.6	
130	2.3	1.8	2.8	
166	32.3	23.9	35.9	





#59

Diethylphthalate

Concen: 40.28 ng

RT: 10.30 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

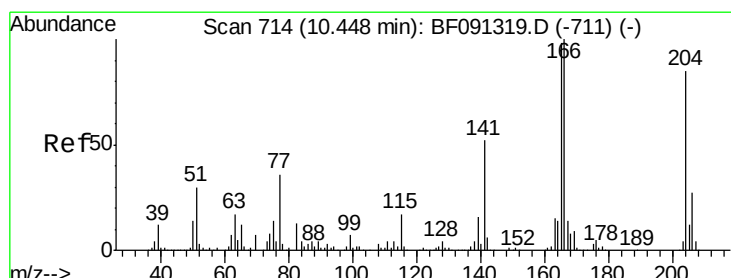
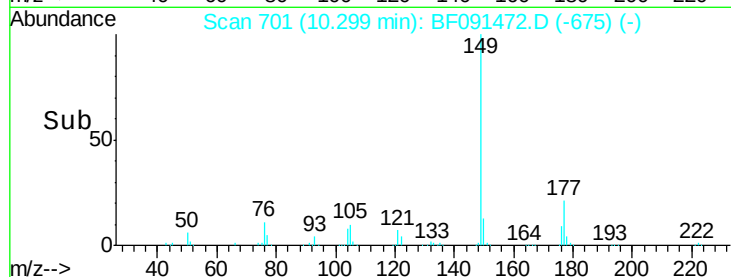
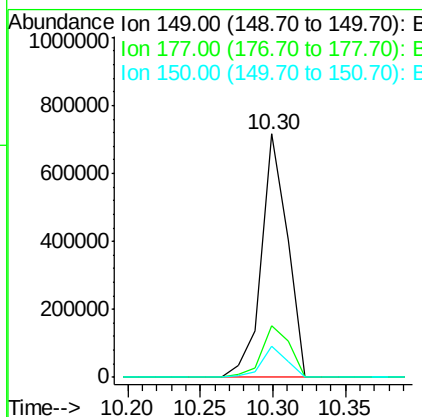
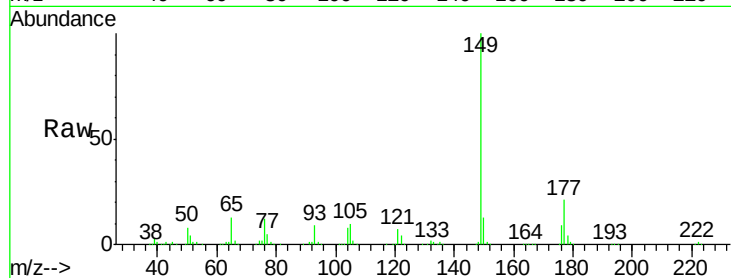
ClientSampleId :

PB95096BS

Tot Ion:	149	Resp:	887155
Ion Ratio	Lower	Upper	
149	100		
177	21.1	15.7	23.5
150	12.8	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.00 ng

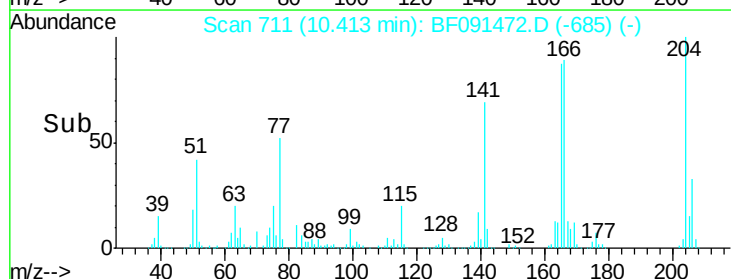
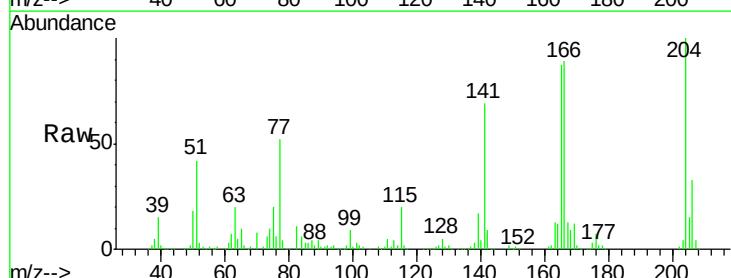
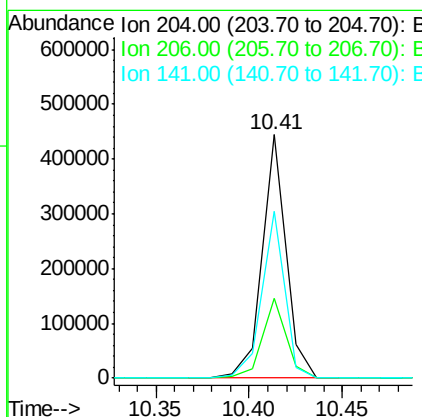
RT: 10.41 min Scan# 711

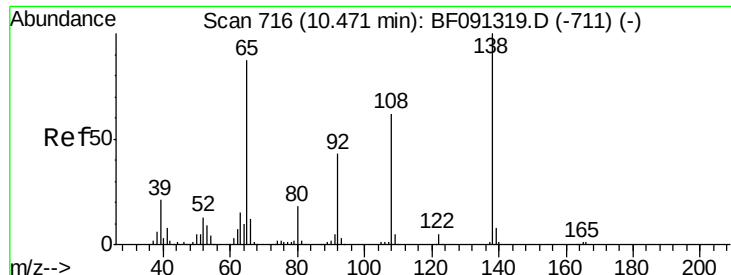
Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	204	Resp:	388876
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.1	39.1
141	68.6	40.6	61.0#





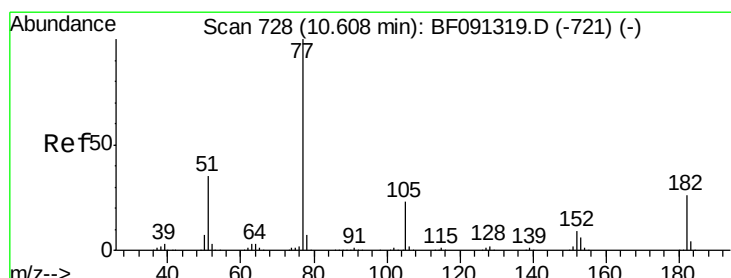
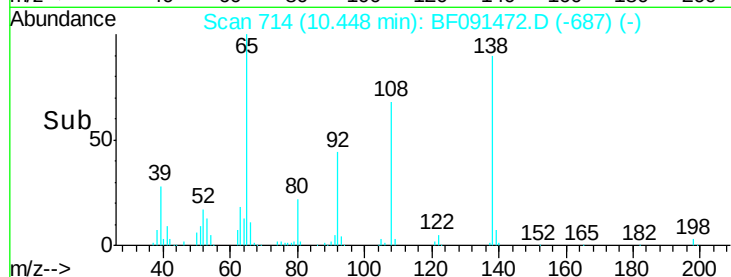
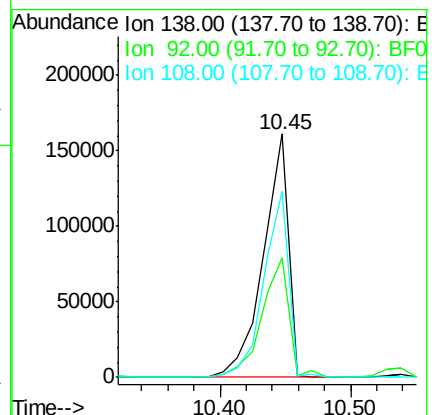
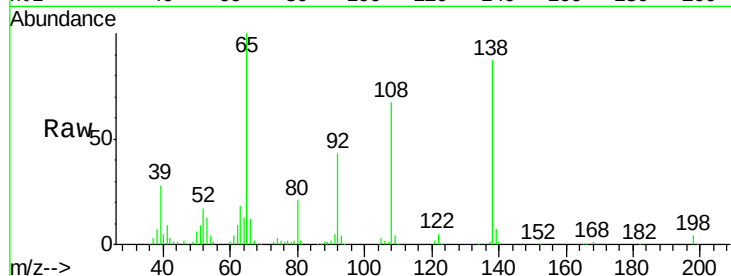
#61
4-Nitroaniline
Concen: 39.87 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	216107		
92	49.1	26.9	66.9	
108	76.5	49.1	89.1	

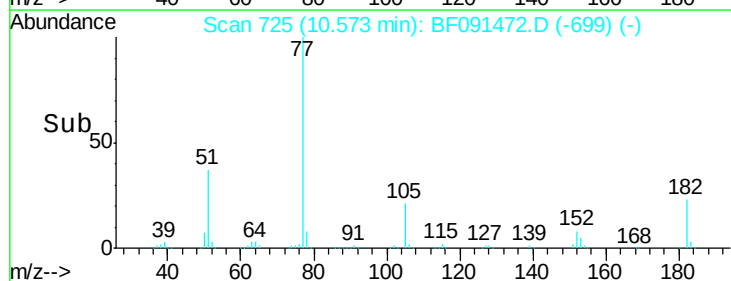
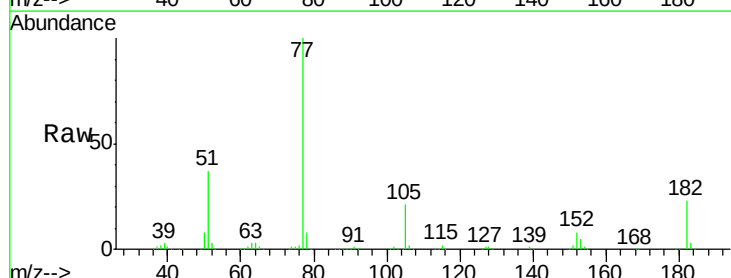
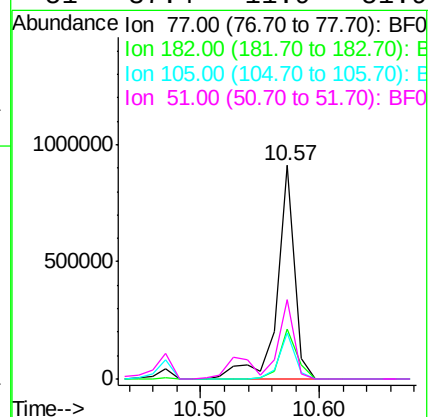
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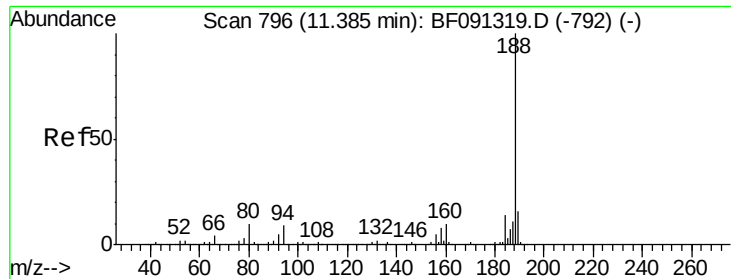
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#62
Azobenzene
Concen: 41.26 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	927233		
182	23.1	12.5	52.5	
105	21.4	3.7	43.7	
51	37.4	11.9	51.9	





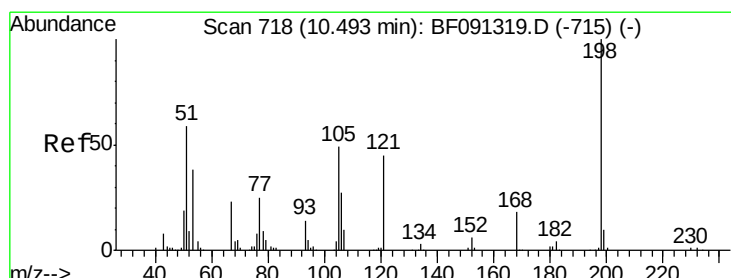
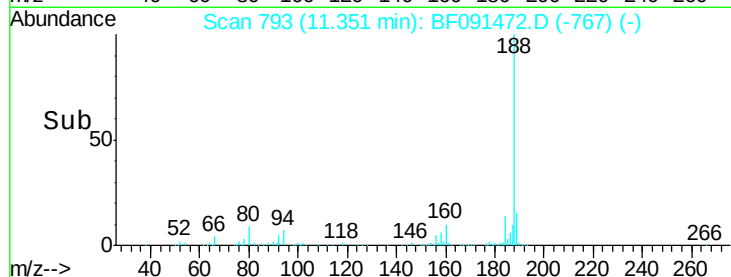
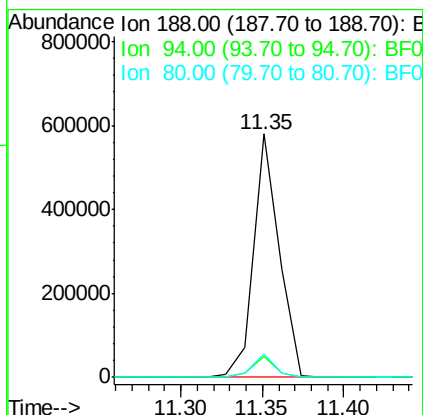
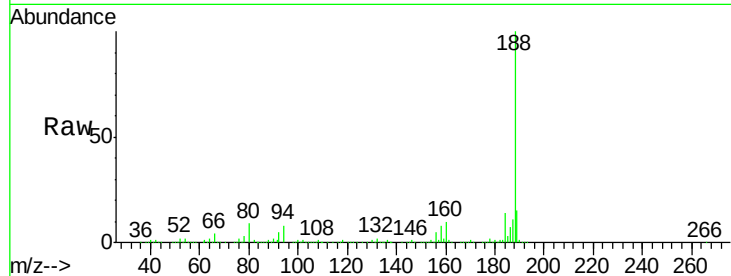
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	9.2	13.8#
80	9.4	10.5	15.7#

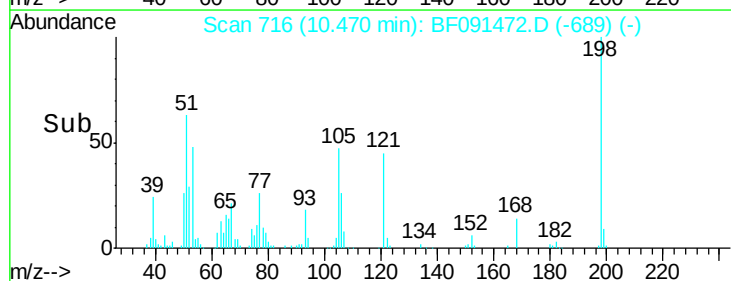
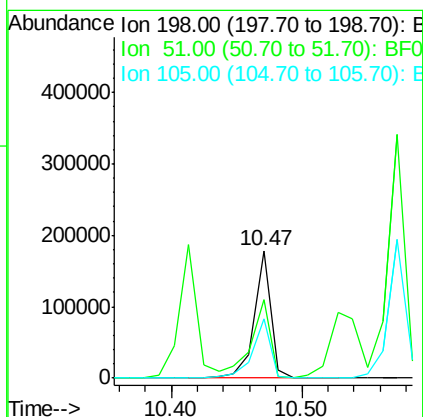
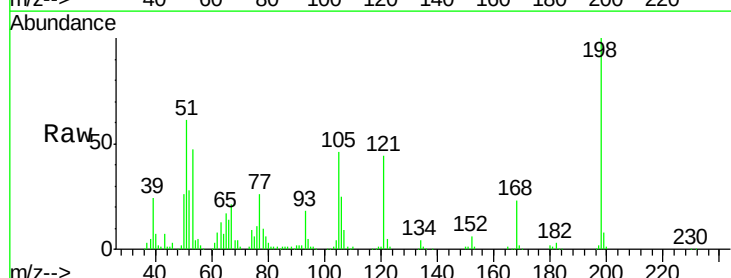
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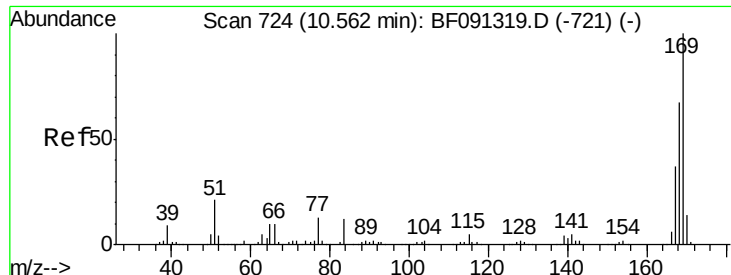
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.18 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.5	77.1	117.1#
105	46.0	44.8	84.8





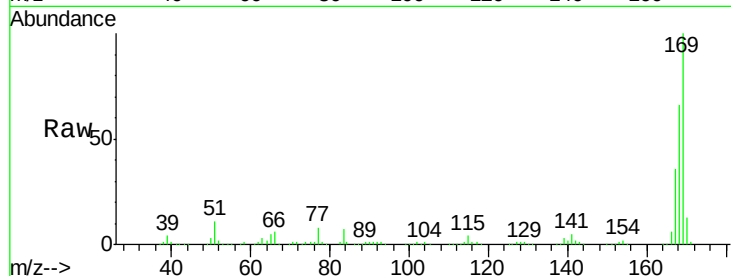
#65
n-Nitrosodiphenylamine
Concen: 44.07 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

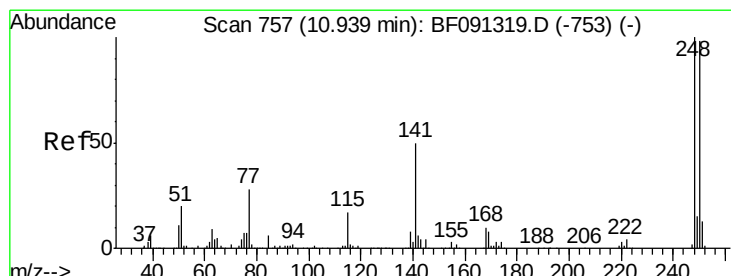
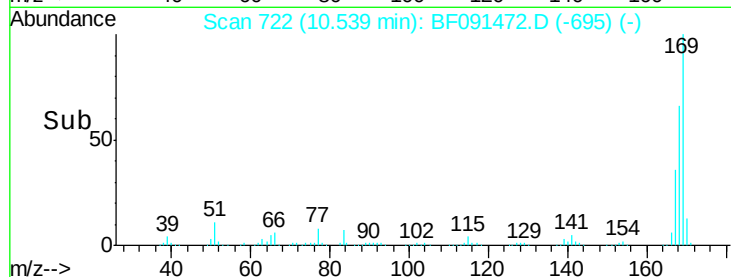
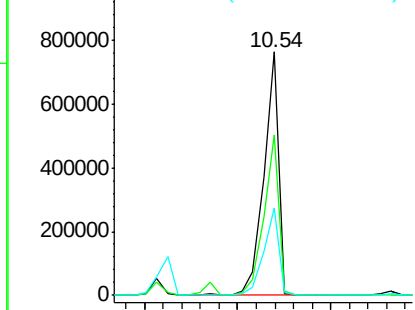
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		844188		
168	65.9	53.8		80.8	
167	35.8	29.8		44.8	

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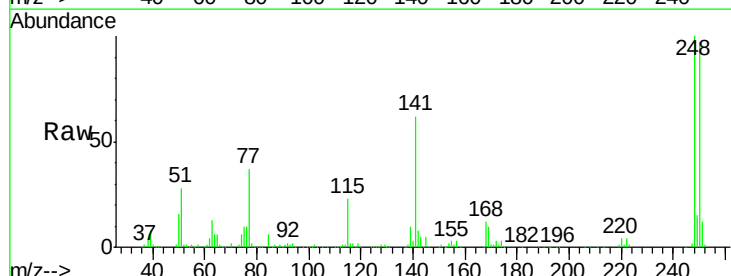


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

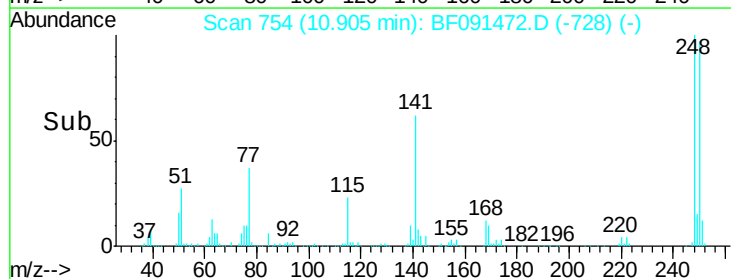
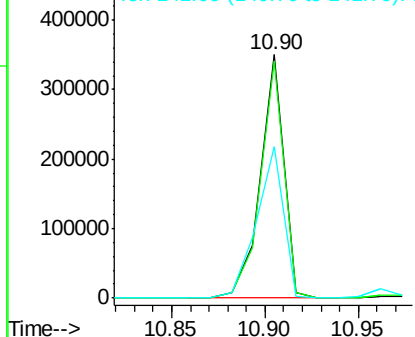


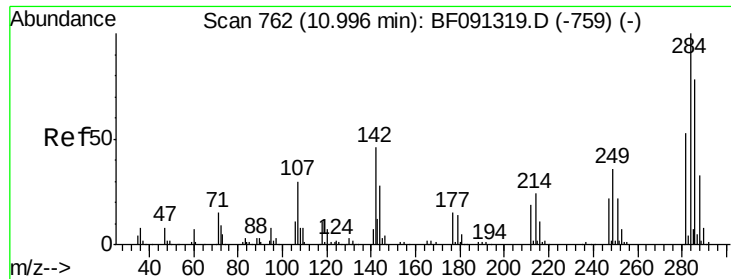
#66
4-Bromophenyl-phenylether
Concen: 44.78 ng
RT: 10.90 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		304077		
250	97.4	78.2		117.4	
141	62.4	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





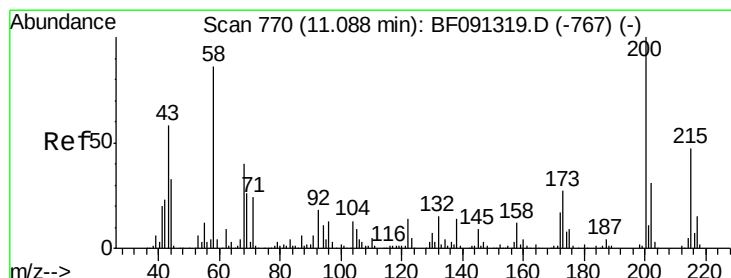
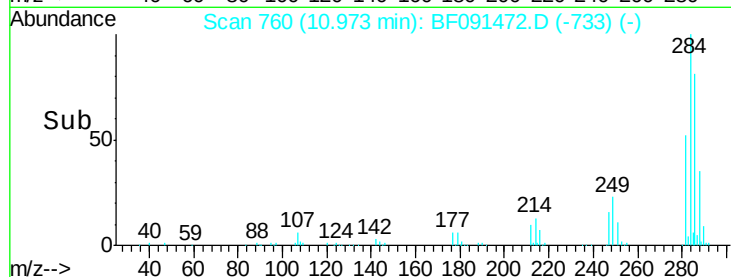
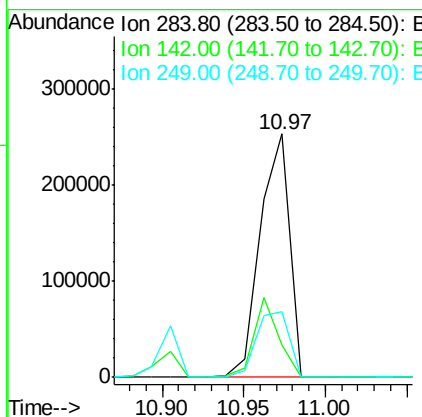
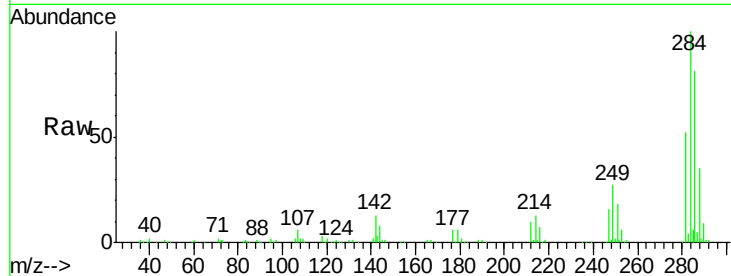
#67
Hexachlorobenzene
Concen: 43.09 ng
RT: 10.97 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	13.4	17.9	26.9	
249	27.1	23.6	35.4	

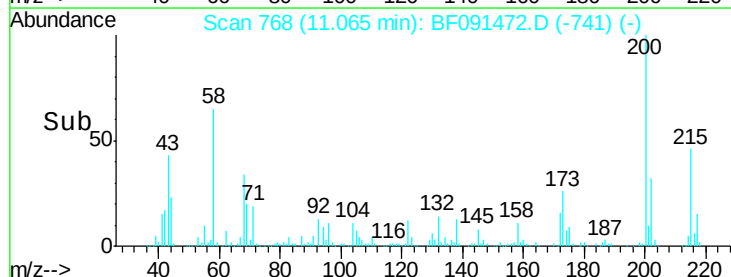
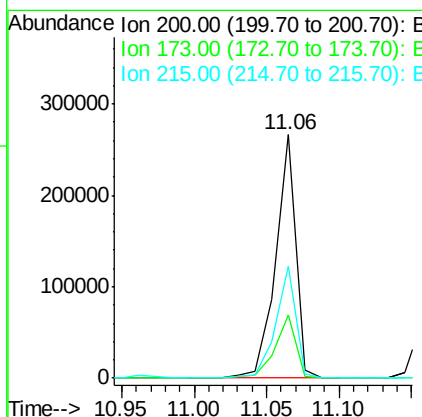
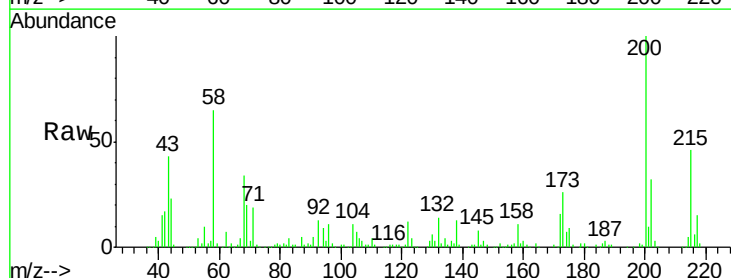
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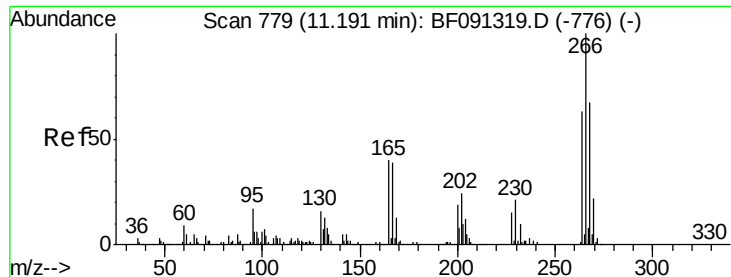
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#68
Atrazine
Concen: 41.10 ng
RT: 11.06 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	7.8	47.8	
215	46.0	24.3	64.3	





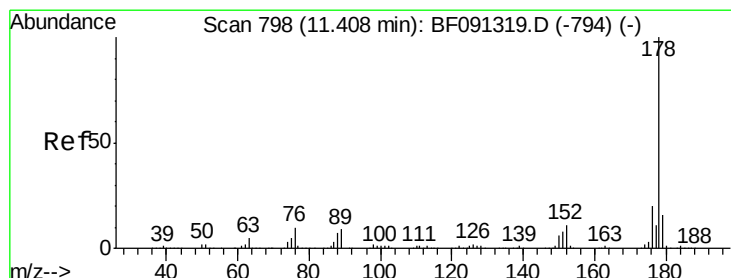
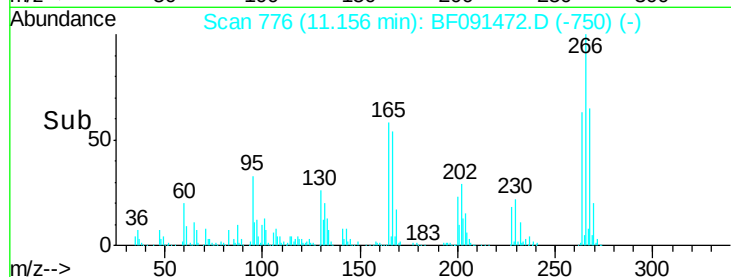
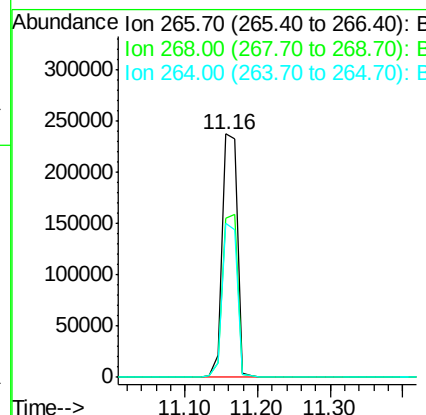
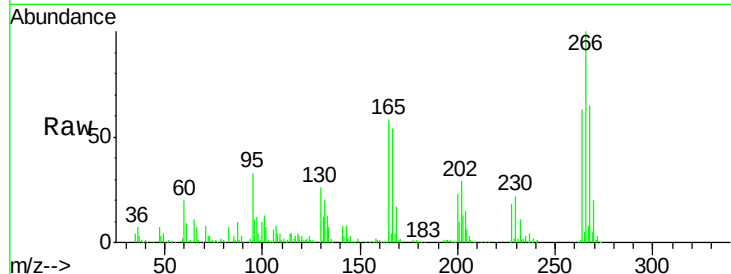
#69
 Pentachlorophenol
 Concen: 80.16 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.3	75.5
264	63.1	48.2	72.2

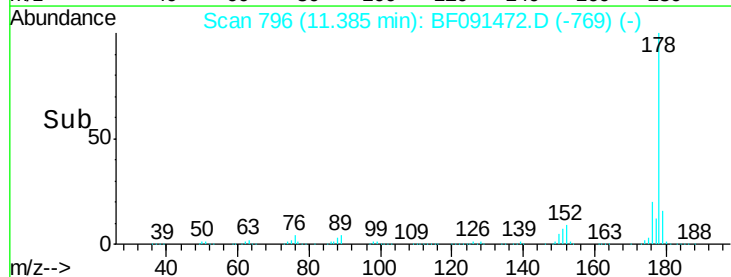
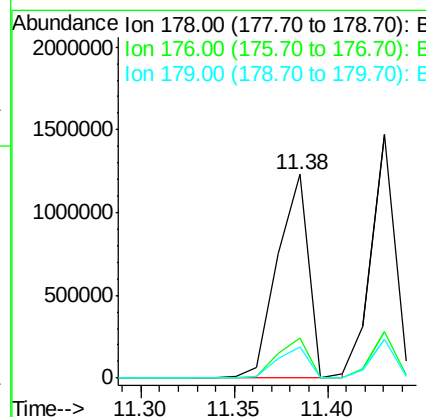
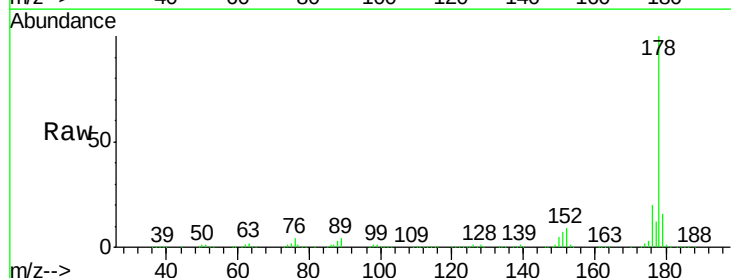
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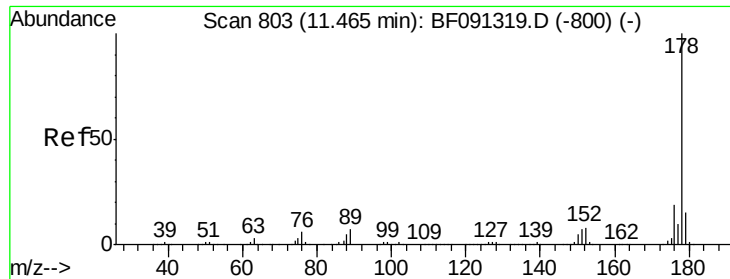
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#70
 Phenanthrene
 Concen: 43.76 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.6	12.6	18.8





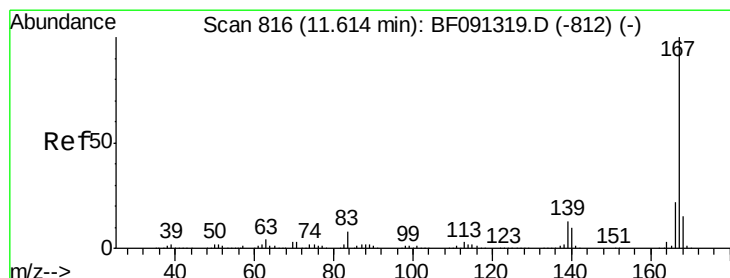
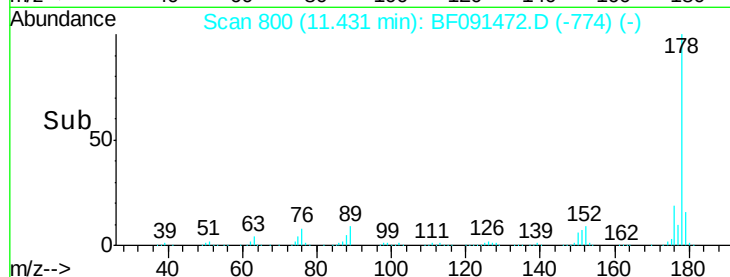
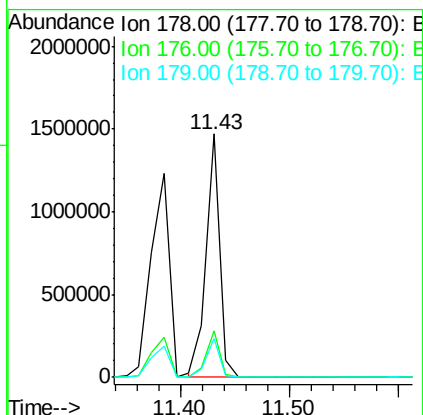
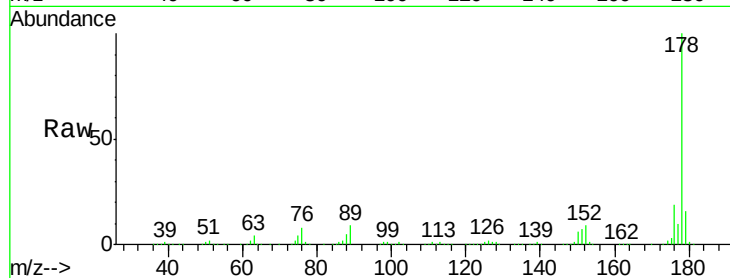
#71
 Anthracene
 Concen: 39.78 ng
 RT: 11.43 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	15.8	23.6	
179	16.0	12.7	19.1	

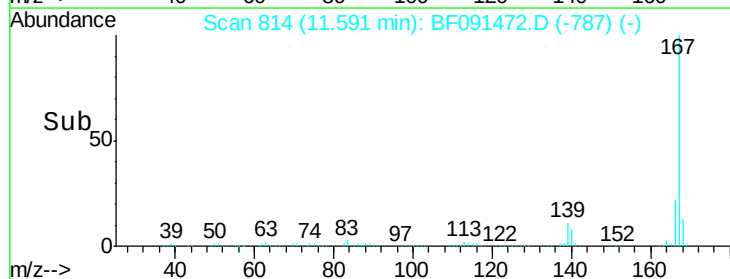
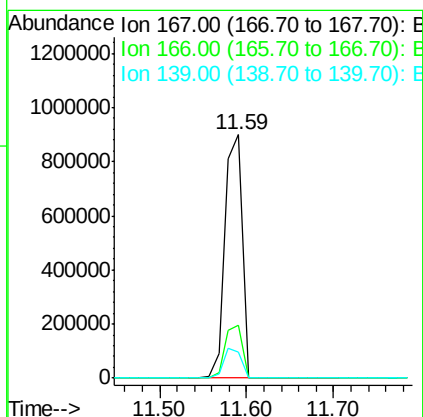
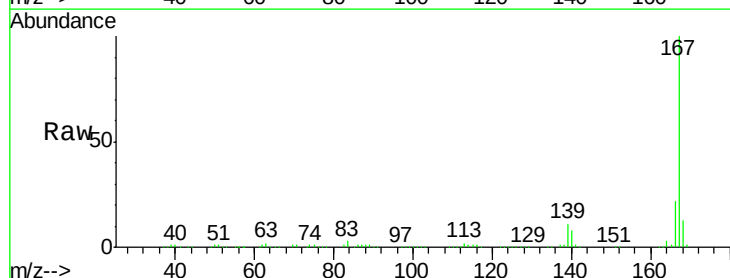
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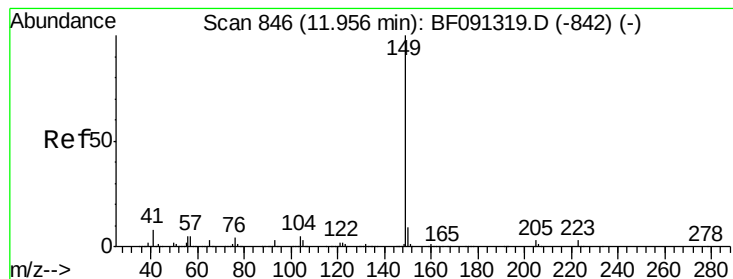
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#72
 Carbazole
 Concen: 42.18 ng
 RT: 11.59 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	18.1	27.1	
139	10.7	11.5	17.3	





#73

Di-n-butylphthalate

Concen: 47.26 ng

RT: 11.92 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleID :

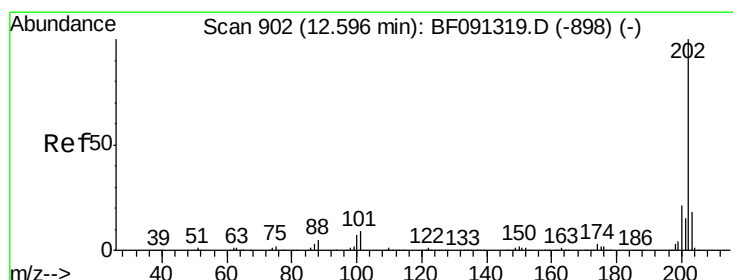
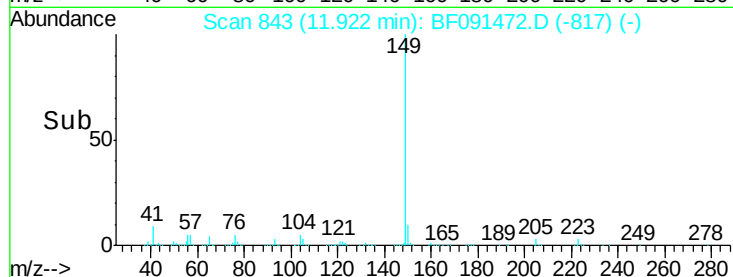
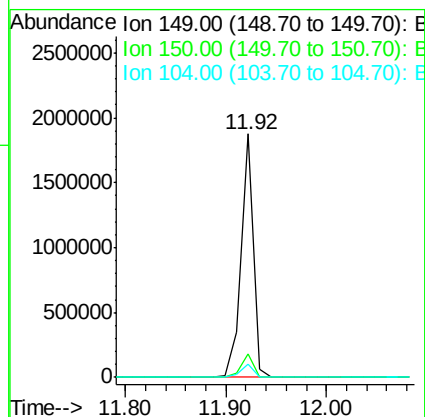
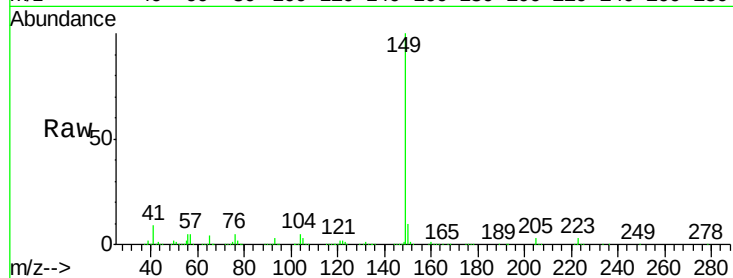
PB95096BS

Tot Ion:149 Resp: 1583534

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.3	4.0	6.0

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#74

Fluoranthene

Concen: 45.92 ng

RT: 12.56 min Scan# 899

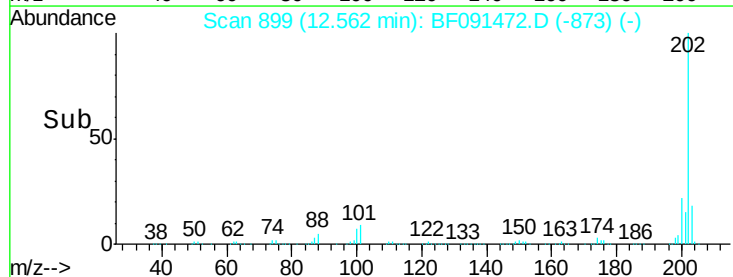
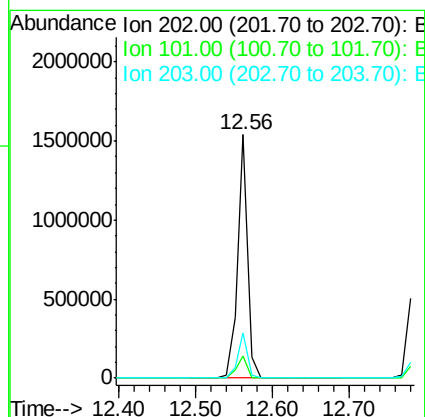
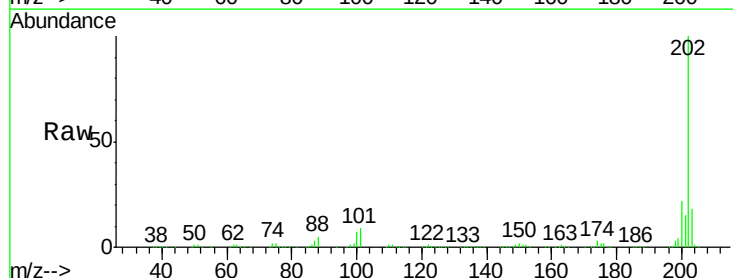
Delta R.T. 0.00 min

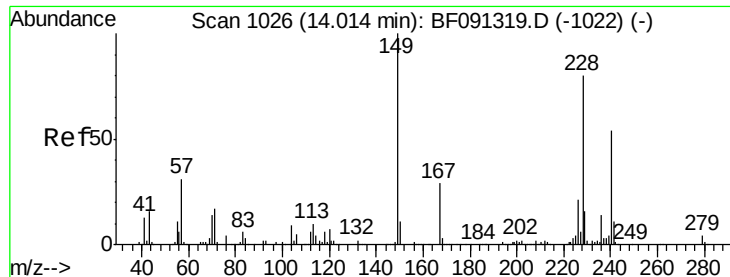
Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:202 Resp: 1427939

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.5
203	18.3	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

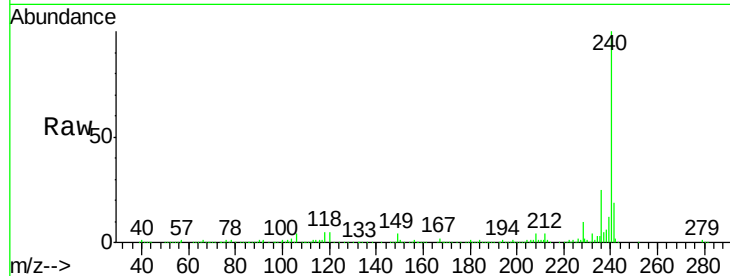
ClientSampleId :

PB95096BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	502266		
120	5.1	12.1	18.1	#
236	24.8	21.0	31.6	

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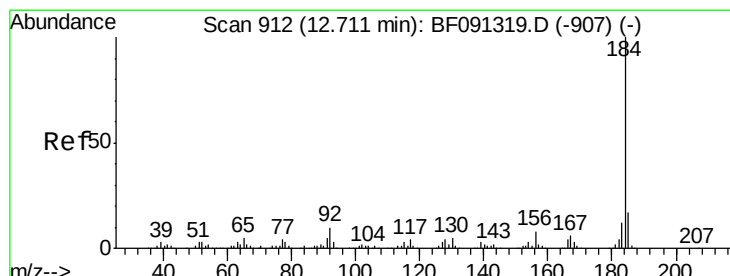
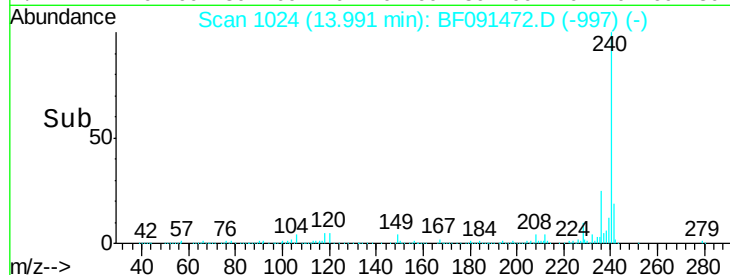
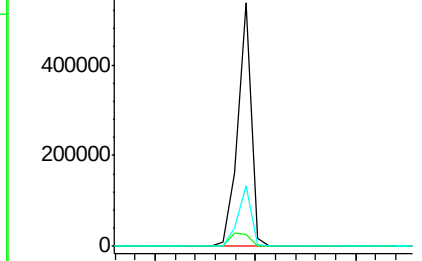
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.97 ng

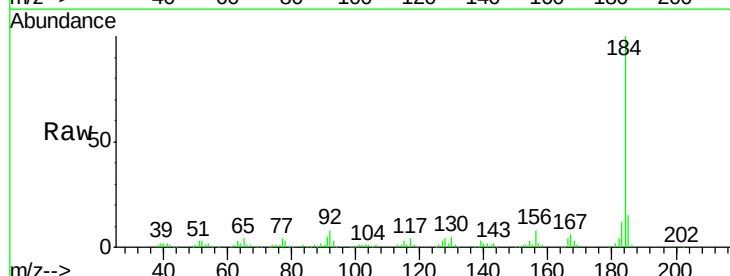
RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091472.D

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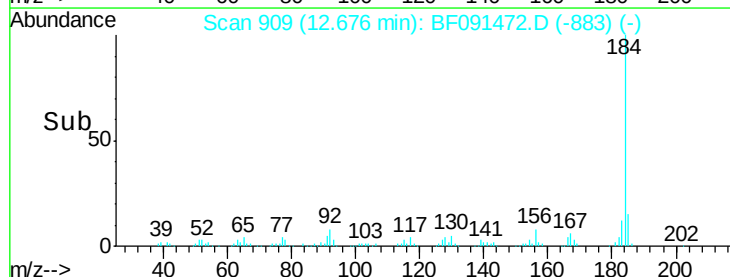
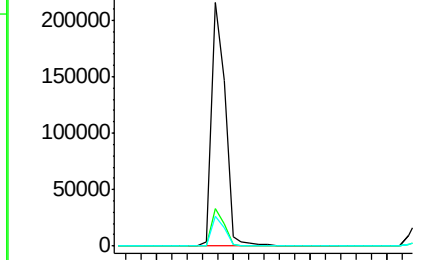
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	264999		
185	15.5	13.1	19.7	
183	12.1	8.9	13.3	

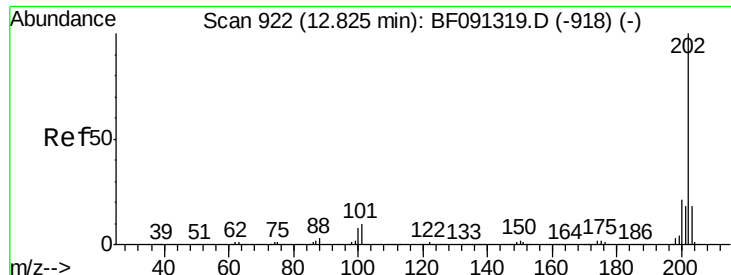


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





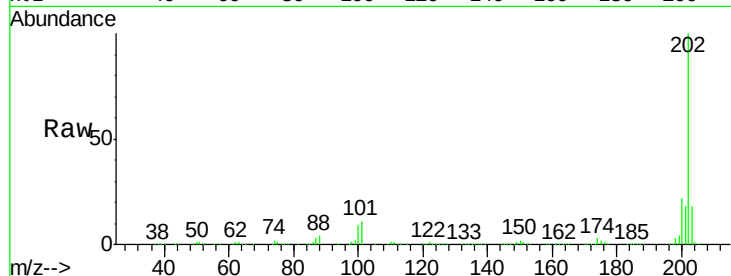
#77
Pvrene
Concen: 38.85 ng
RT: 12.79 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

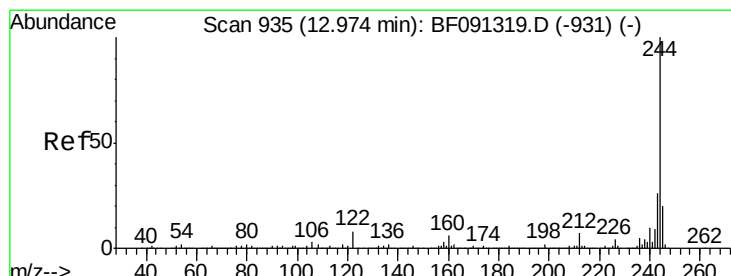
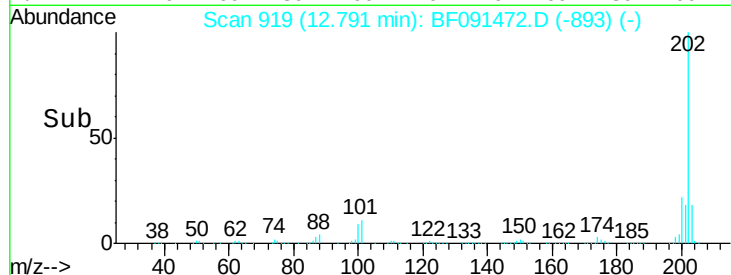
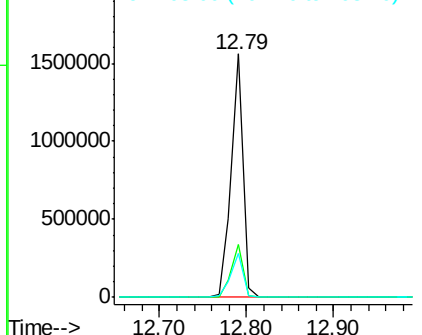
Tot Ion: 202 Resp: 1480788
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.2 14.0 21.0

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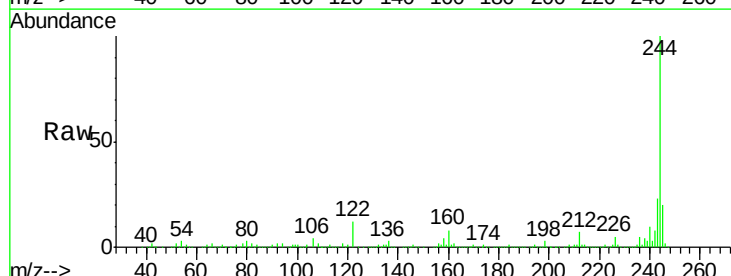


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

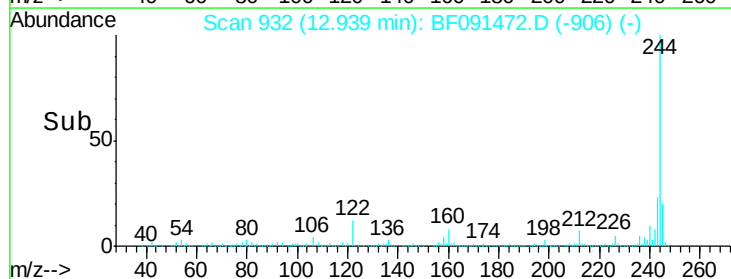
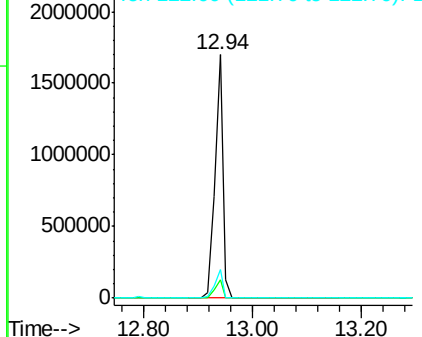


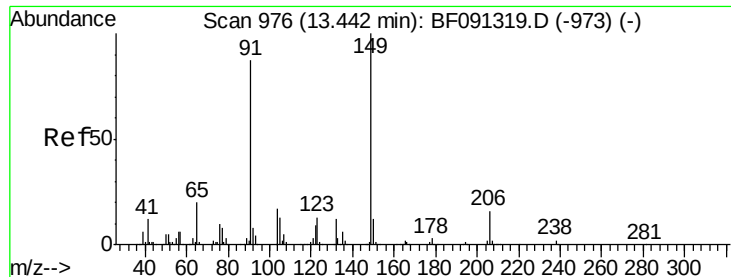
#78
Terphenyl-d14
Concen: 76.89 ng
RT: 12.94 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion: 244 Resp: 1776933
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.9 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: 43.80 ng

RT: 13.42 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

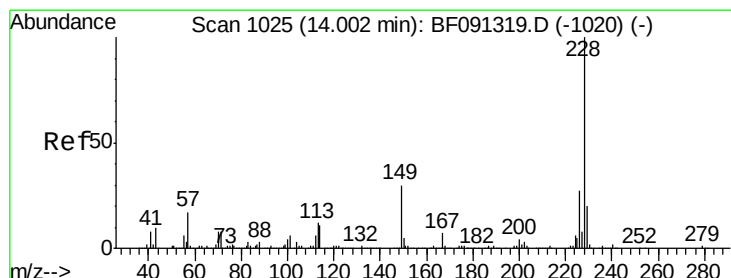
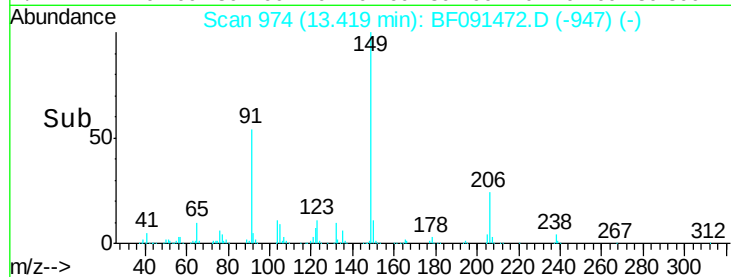
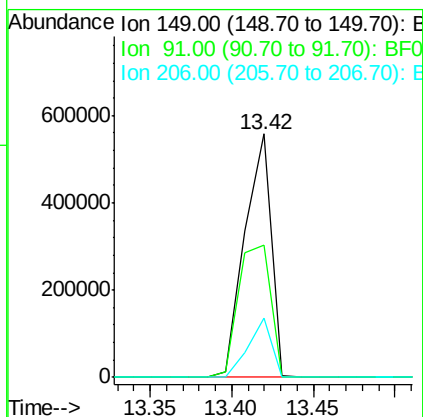
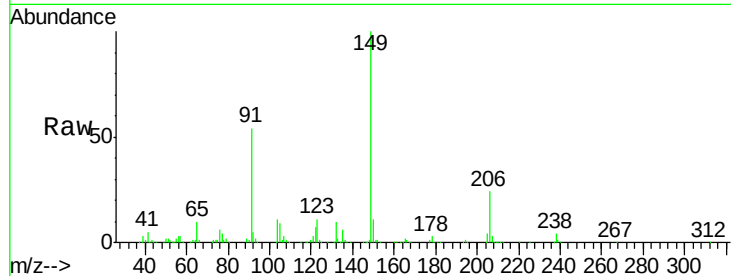
ClientSampled :

PB95096BS

Tot Ion:	149	Resp:	625180
Ion Ratio	Lower	Upper	
149	100		
91	54.3	57.4	86.2#
206	24.5	15.4	23.2#

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#80

Benzo(a)anthracene

Concen: 38.64 ng

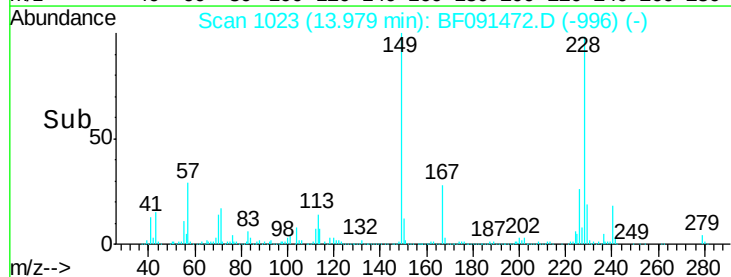
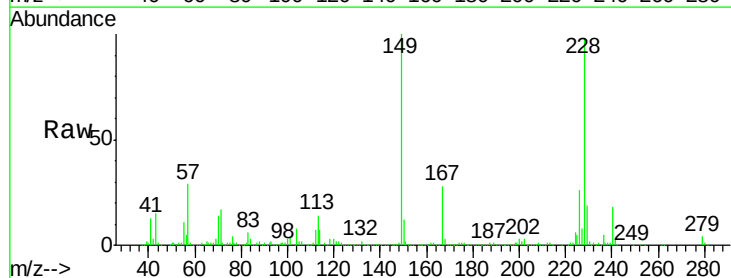
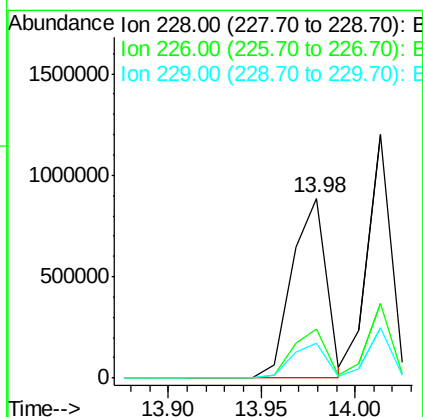
RT: 13.98 min Scan# 1023

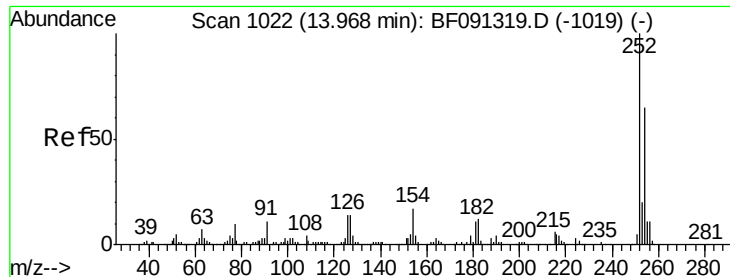
Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	228	Resp:	1134917
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.5	33.7
229	19.6	16.4	24.6





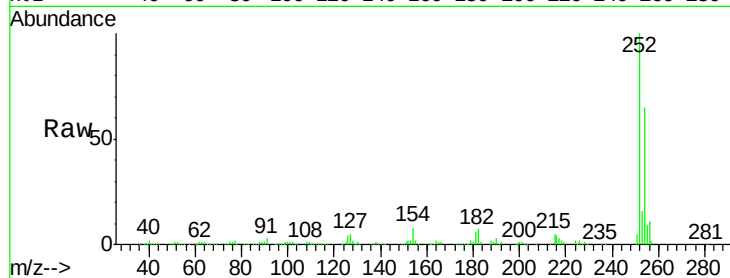
#81
 3,3'-Dichlorobenzidine
 Concen: 25.46 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

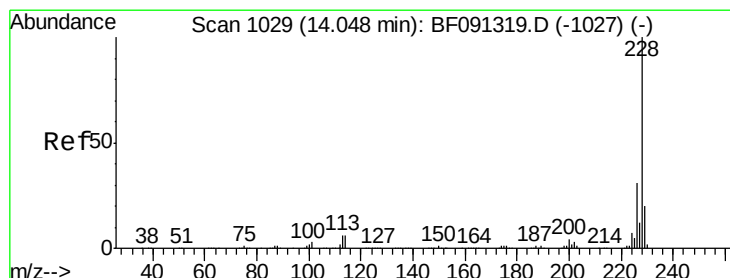
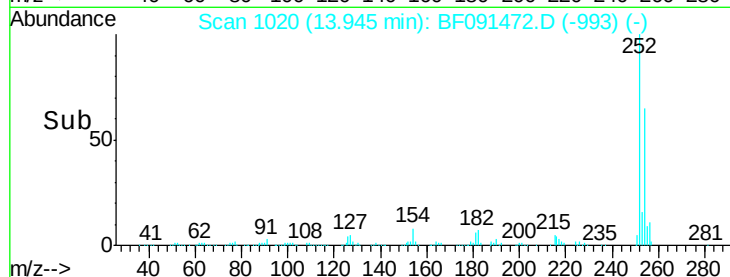
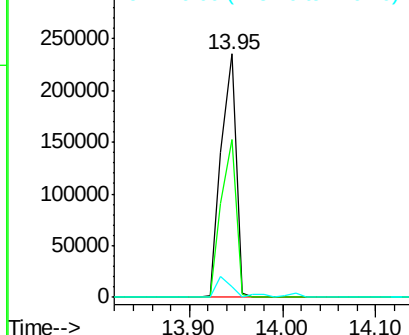
Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	52.1	78.1
126	4.3	7.5	11.3

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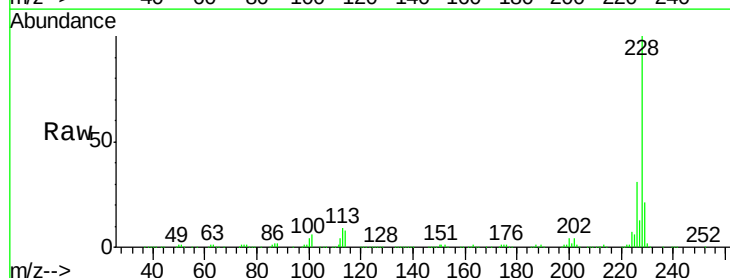


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

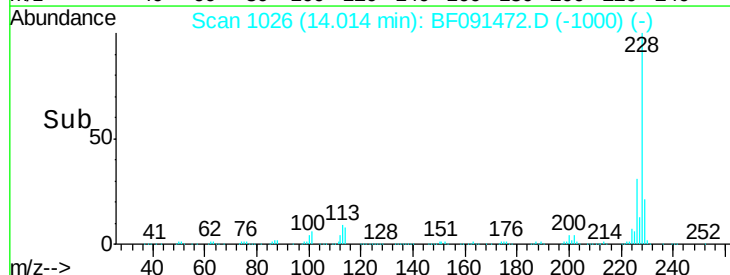
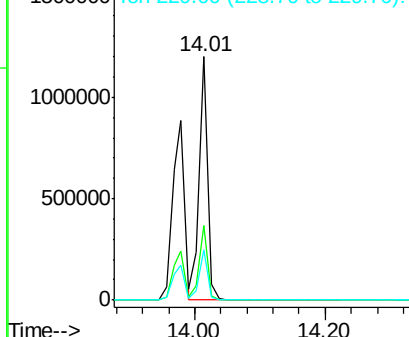


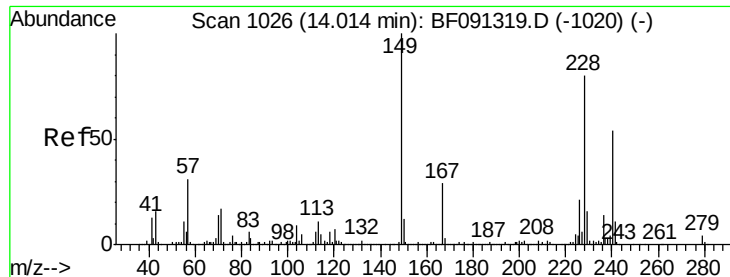
#82
 Chrysene
 Concen: 36.37 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.4
229	20.7	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.81 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

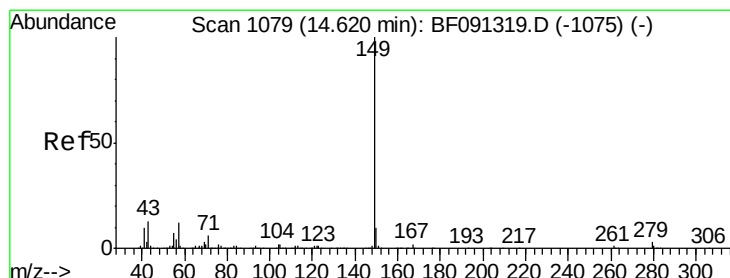
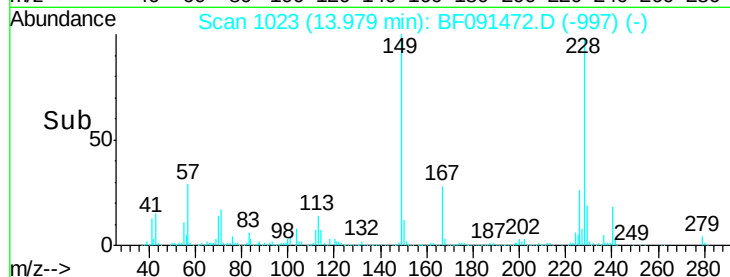
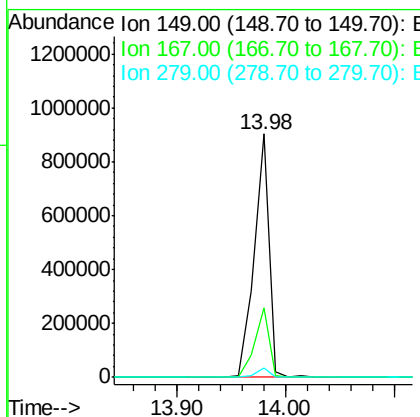
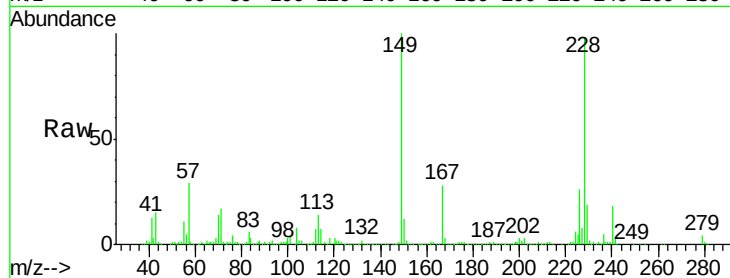
ClientSampleId :

PB95096BS

Tot Ion:	149	Resp:	864901
Ion Ratio	Lower	Upper	
149	100		
167	28.3	19.6	29.4
279	3.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 47.54 ng

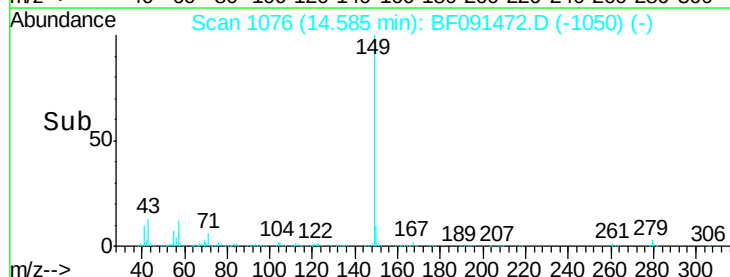
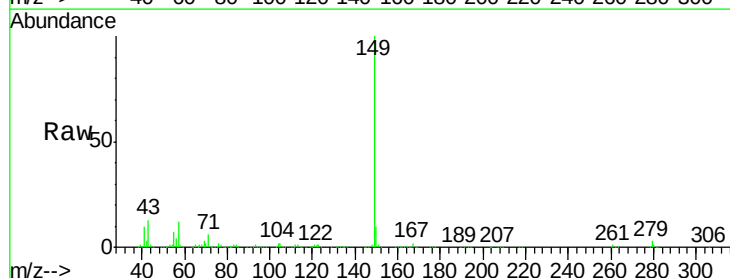
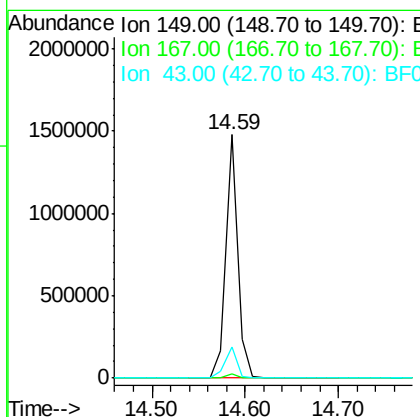
RT: 14.59 min Scan# 1076

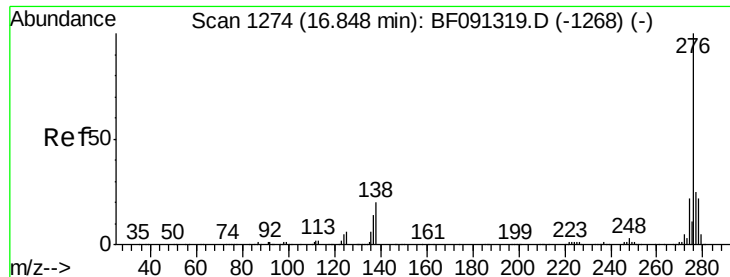
Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	149	Resp:	1301616
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.0	11.9	17.9





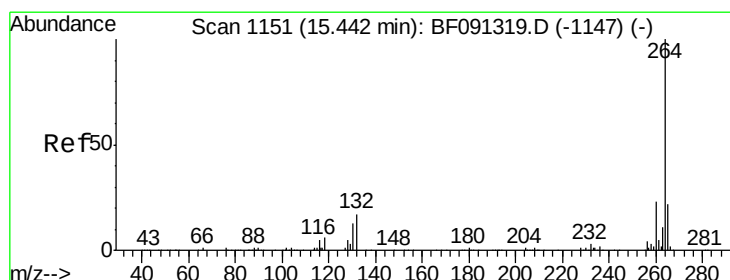
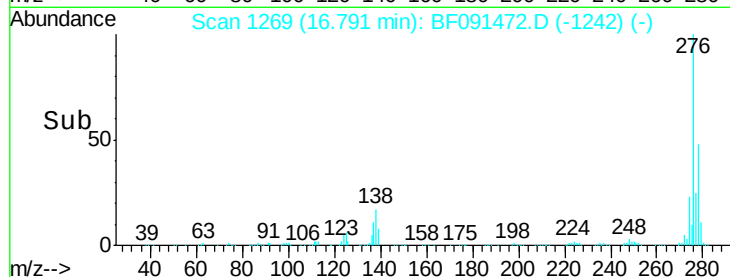
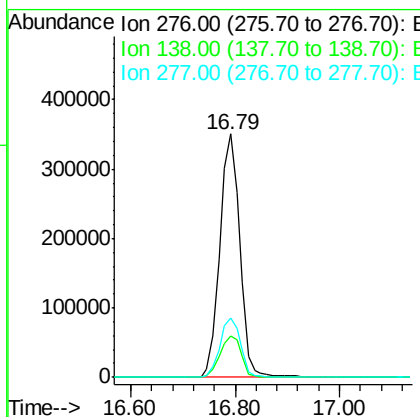
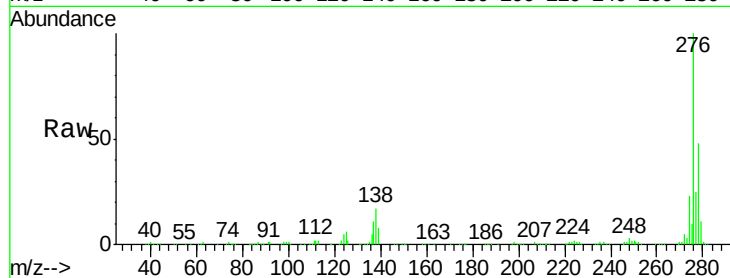
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.21 ng
RT: 16.79 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	21.0	31.4#
277	25.3	20.2	30.2

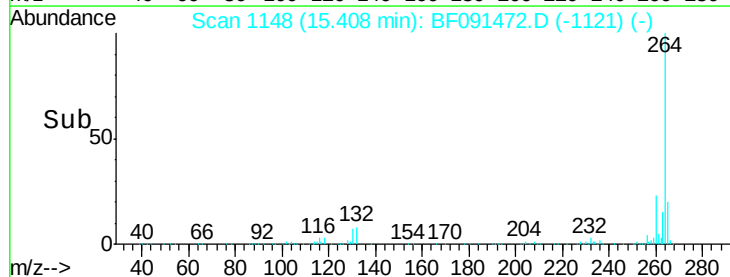
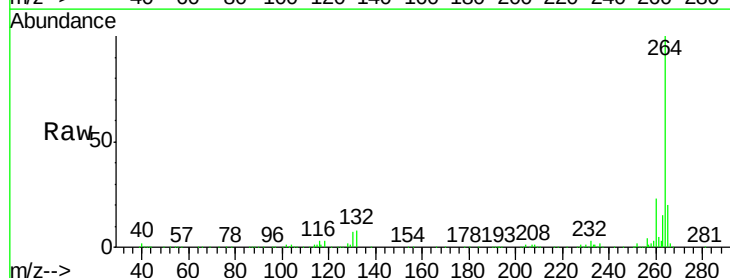
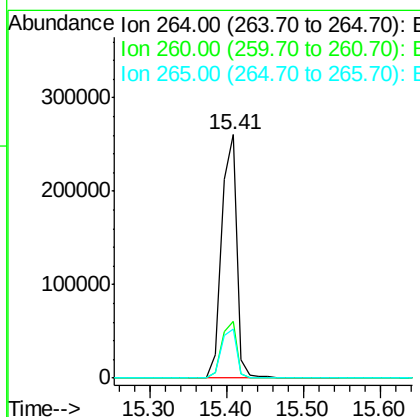
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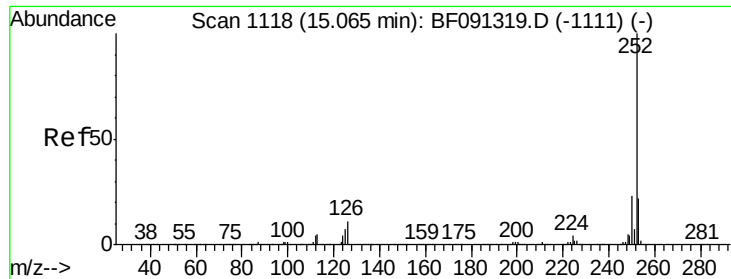
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	20.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 54.28 ng m

RT: 15.00 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

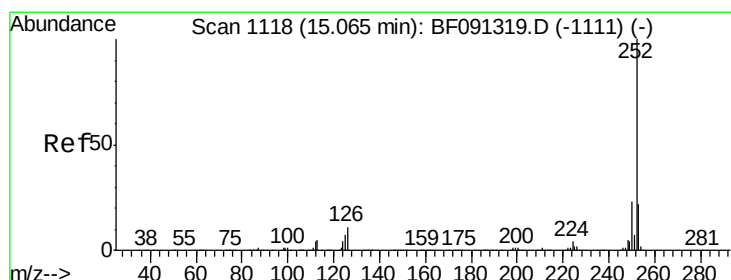
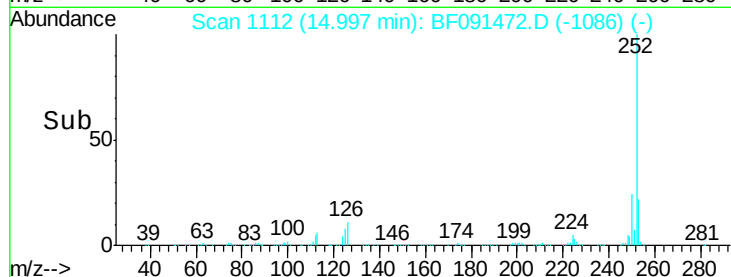
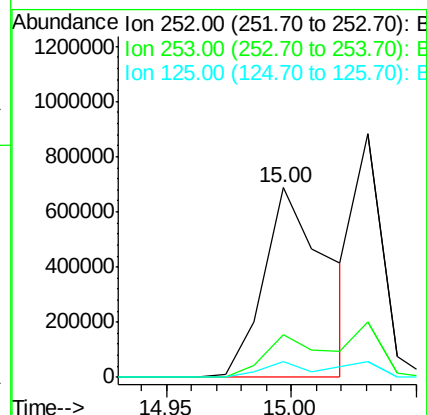
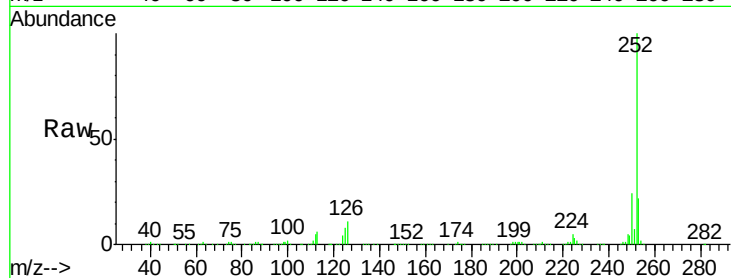
ClientSampled :

PB95096BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.4	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 35.58 ng m

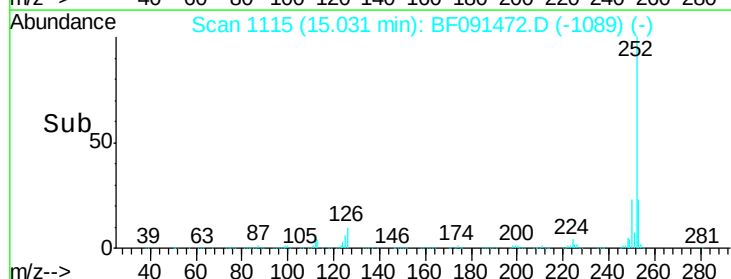
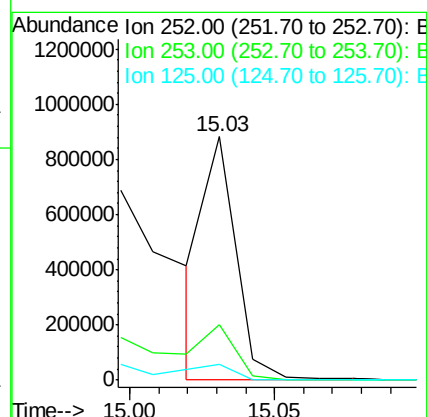
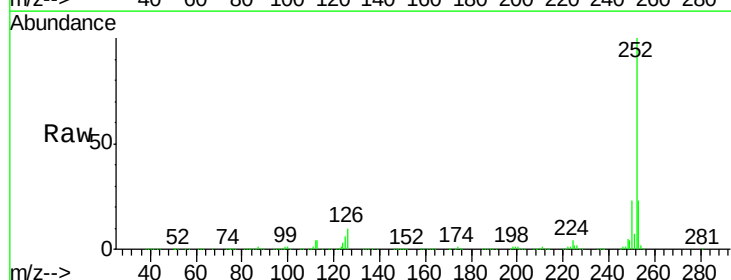
RT: 15.03 min Scan# 1115

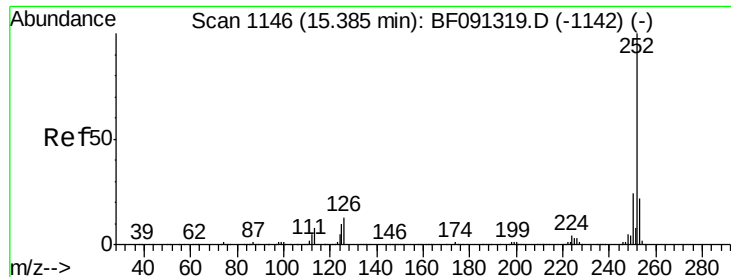
Delta R.T. 0.00 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	6.4	9.6	14.4





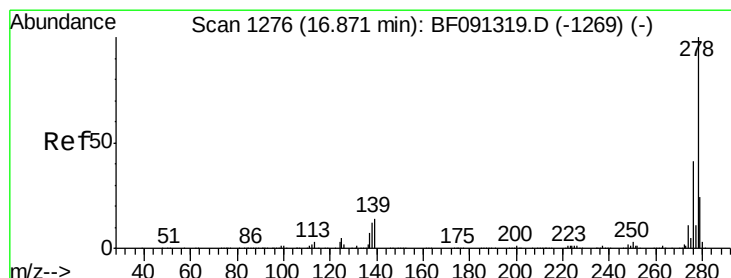
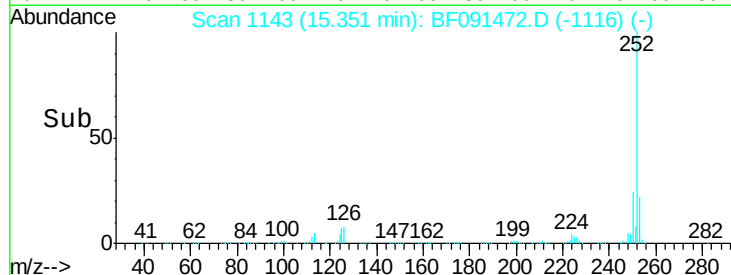
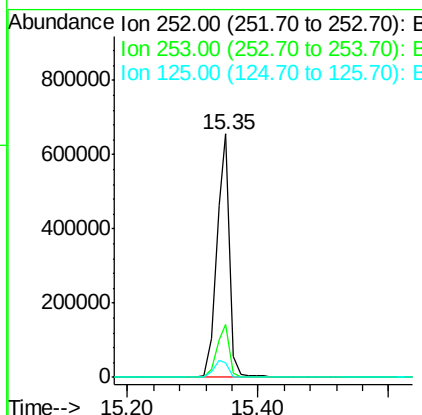
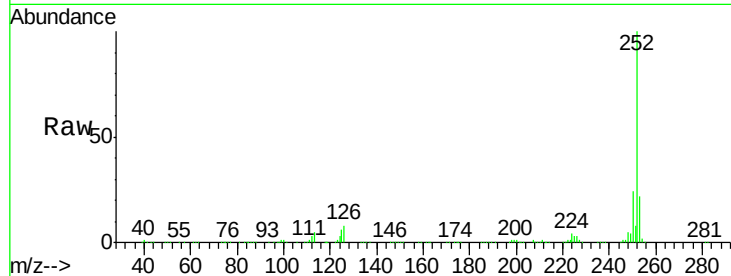
#89
Benzo(a)pyrene
Concen: 44.54 ng
RT: 15.35 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	6.2	10.4	15.6

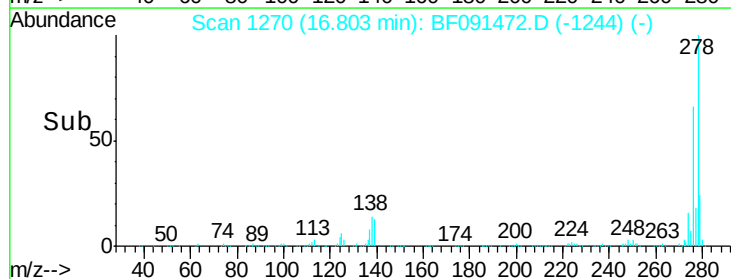
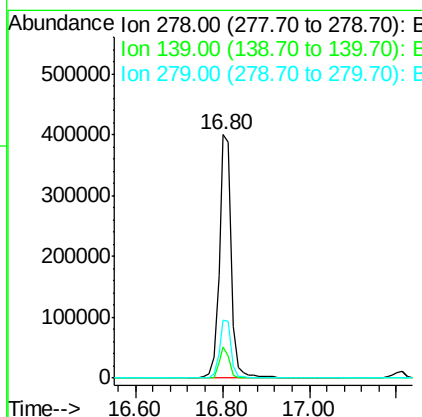
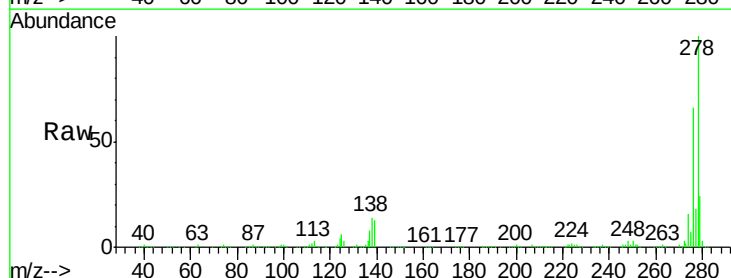
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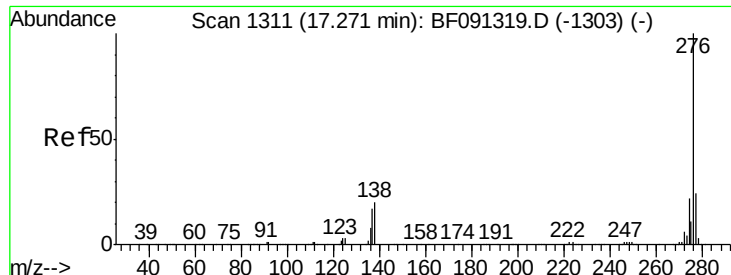
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#90
Dibenzo(a,h)anthracene
Concen: 42.11 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.52 ng
 RT: 17.21 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	13.4	15.4	23.0

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