

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092076.D
 Acq On : 4 Jan 2017 19:02
 Operator : UM/SJ
 Sample : PB95751BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Manual Integrations
 APPROVED

Sohil
 1/5/2017 4:02:15 PM

Quant Time: Jan 05 00:25:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	348335	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1388822	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	740888	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	572474	20.00	ng	0.00
75) Chrysene-d12	13.81	240	447797	20.00	ng	0.00
86) Perylene-d12	15.18	264	391750	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1588273	76.13	ng	0.02
7) Phenol-d6	6.33	99	2125975	83.47	ng	0.00
23) Nitrobenzene-d5	7.24	82	1416855	56.73	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	506281	82.57	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2221783	57.23	ng	0.00
78) Terphenyl-d14	12.77	244	1272338	68.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	218467	21.27	ng	97
3) Pyridine	2.87	79	673253	18.78	ng	98
4) n-Nitrosodimethylamine	2.84	42	307293	22.73	ng	98
6) Aniline	6.33	93	359380	10.86	ng	87
8) 2-Chlorophenol	6.46	128	633484	26.70	ng	87
9) Benzaldehyde	6.21	77	52240	2.52	ng	99
10) Phenol	6.34	94	907939	31.28	ng	# 72
11) bis(2-Chloroethyl)ether	6.41	93	666966	28.88	ng	91
12) 1,3-Dichlorobenzene	6.60	146	643511m	25.40	ng	
13) 1,4-Dichlorobenzene	6.68	146	637860	24.74	ng	100
14) 1,2-Dichlorobenzene	6.84	146	611239	27.32	ng	96
15) Benzyl Alcohol	6.82	79	525221	26.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	883528	25.69	ng	# 25
17) 2-Methylphenol	6.95	107	533583	27.96	ng	# 93
18) Hexachloroethane	7.17	117	249520	26.10	ng	# 85
19) n-Nitroso-di-n-propylamine	7.09	70	453459	26.76	ng	99
20) 3+4-Methylphenols	7.10	107	704464	30.95	ng	# 71
22) Acetophenone	7.08	105	933652	27.26	ng	94
24) Nitrobenzene	7.25	77	674281	25.35	ng	100
25) Isophorone	7.50	82	1286117	27.91	ng	98
26) 2-Nitrophenol	7.57	139	328177	25.02	ng	97
27) 2,4-Dimethylphenol	7.62	122	536551	24.66	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	823752	29.48	ng	99
29) 2,4-Dichlorophenol	7.82	162	497604	27.01	ng	89
30) 1,2,4-Trichlorobenzene	7.90	180	549202	27.20	ng	99
31) Naphthalene	7.97	128	1677705	26.39	ng	99
32) Benzoic acid	7.77	122	397879	24.65	ng	99
33) 4-Chloroaniline	8.02	127	195592	6.82	ng	98
34) Hexachlorobutadiene	8.09	225	290669	27.27	ng	99
35) Caprolactam	8.40	113	165906m	27.40	ng	
36) 4-Chloro-3-methylphenol	8.54	107	567153	26.75	ng	# 85
37) 2-Methylnaphthalene	8.66	142	1188692	26.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	479354	25.61	ng	99
40) Hexachlorocyclopentadiene	8.81	237	467009	57.21	ng	95

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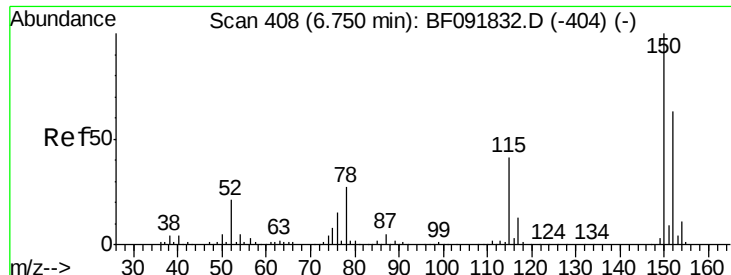
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	336115	25.68	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	323640	24.02	nq	97
45) 1,1'-Biphenyl	9.13	154	1391570	27.43	nq	97
46) 2-Chloronaphthalene	9.14	162	1032722	25.71	nq	94
47) 2-Nitroaniline	9.25	65	352547	24.65	nq	97
48) Acenaphthylene	9.57	152	1615216	26.14	nq	98
49) Dimethylphthalate	9.44	163	1281650	27.05	nq	100
50) 2,6-Dinitrotoluene	9.50	165	285536	27.53	nq	89
51) Acenaphthene	9.73	154	1007877	24.06	nq	99
52) 3-Nitroaniline	9.66	138	130884	10.20	nq	96
53) 2,4-Dinitrophenol	9.77	184	235710	40.84	nq	# 51
54) Dibenzofuran	9.91	168	1437516	25.41	nq	92
55) 4-Nitrophenol	9.85	139	376286	43.18	nq	94
56) 2,4-Dinitrotoluene	9.90	165	315430	24.23	nq	# 77
57) Fluorene	10.24	166	982047	23.86	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	287139m	26.95	nq	
59) Diethylphthalate	10.14	149	1211591	26.33	nq	96
60) 4-Chlorophenyl-phenylether	10.24	204	460230	25.54	nq	95
61) 4-Nitroaniline	10.28	138	256799	19.31	nq	98
62) Azobenzene	10.40	77	1408199	27.79	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	193627	55.93	nq	75
65) n-Nitrosodiphenylamine	10.37	169	1013175	59.64	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	259447	43.57	nq	# 78
67) Hexachlorobenzene	10.79	284	252656	39.69	nq	# 88
68) Atrazine	10.89	200	243525	44.44	nq	97
69) Pentachlorophenol	11.00	266	172206	55.14	nq	99
70) Phenanthrene	11.20	178	827197	26.65	nq	98
71) Anthracene	11.25	178	813571	25.63	nq	99
72) Carbazole	11.42	167	729126	23.55	nq	97
73) Di-n-butylphthalate	11.75	149	907575	29.44	nq	98
74) Fluoranthene	12.38	202	788174	27.45	nq	96
76) Benzidine	12.52	184	205026	14.43	nq	96
77) Pyrene	12.61	202	796836	24.25	nq	99
79) Butylbenzylphthalate	13.24	149	377579	25.27	nq	92
80) Benzo(a)anthracene	13.80	228	726058	28.72	nq	100
81) 3,3'-Dichlorobenzidine	13.76	252	131773	13.75	nq	97
82) Chrysene	13.83	228	601629	23.73	nq	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	543586	30.89	nq	# 97
84) Di-n-octyl phthalate	14.41	149	882275	27.06	nq	99
85) Indeno(1,2,3-cd)pyrene	16.46	276	596091	27.14	nq	# 93
87) Benzo(b)fluoranthene	14.80	252	629700m	25.82	nq	
88) Benzo(k)fluoranthene	14.83	252	585980m	28.17	nq	
89) Benzo(a)pyrene	15.12	252	572251	26.43	nq	99
90) Dibenzo(a,h)anthracene	16.47	278	491984	27.65	nq	96
91) Benzo(g,h,i)perylene	16.85	276	492155	26.60	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

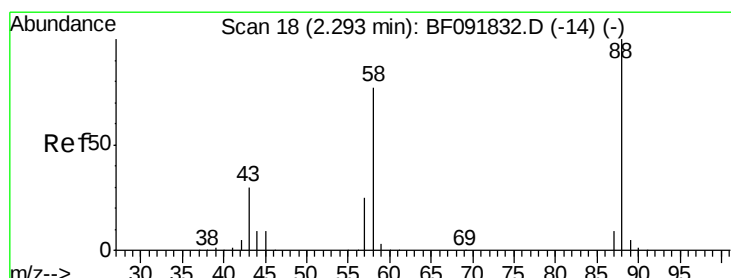
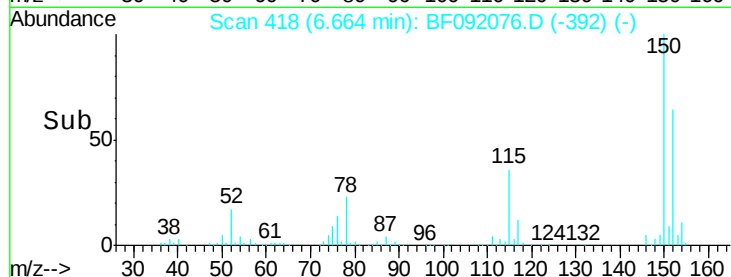
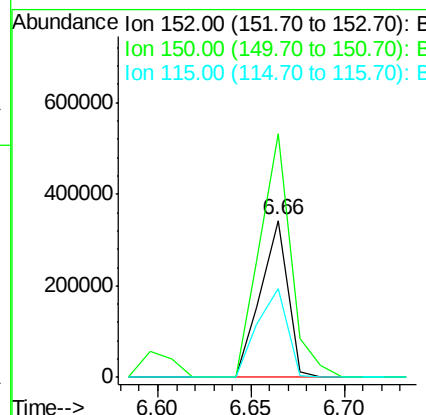
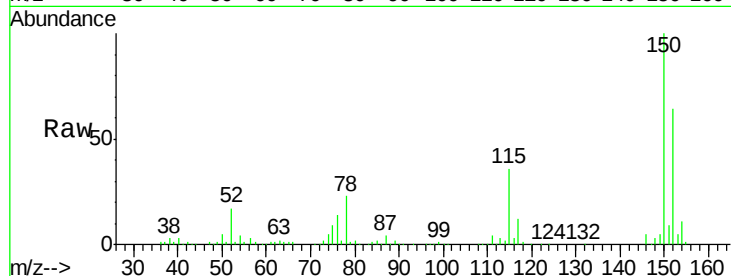
ClientSampleId :

PB95751BSD

Tot Ion:	152	Resp:	348335
Ion Ratio	Lower	Upper	
152	100		
150	155.1	124.9	187.3
115	56.5	46.0	69.0

Manual Integrations
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#2

1,4-Dioxane

Concen: 21.27 ng

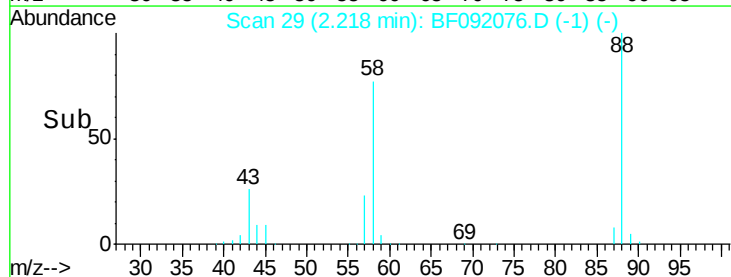
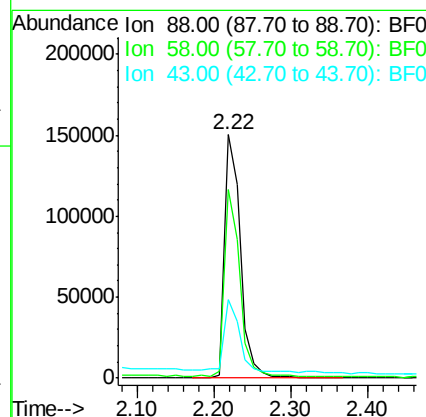
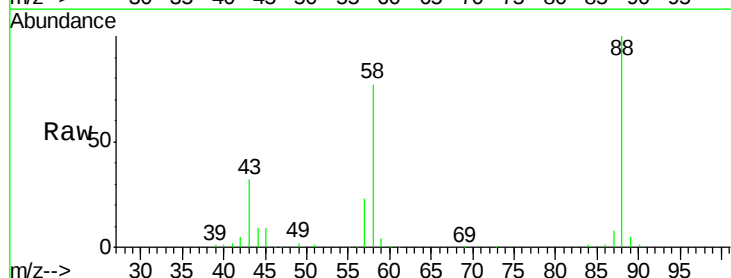
RT: 2.22 min Scan# 29

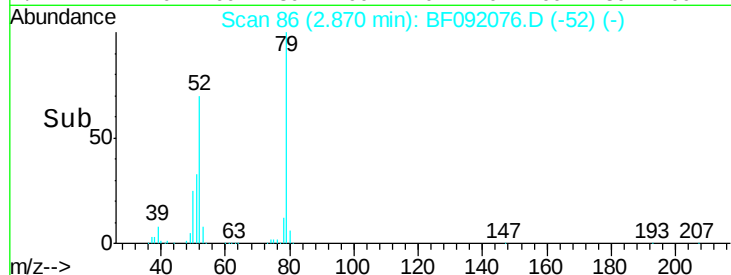
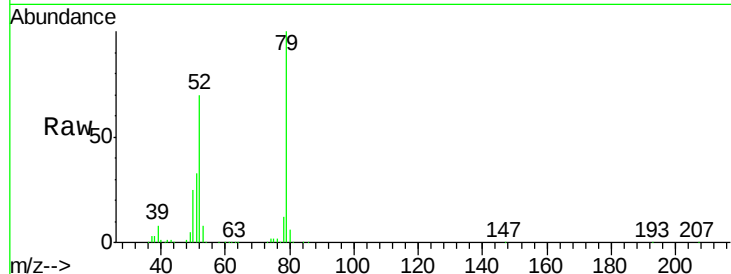
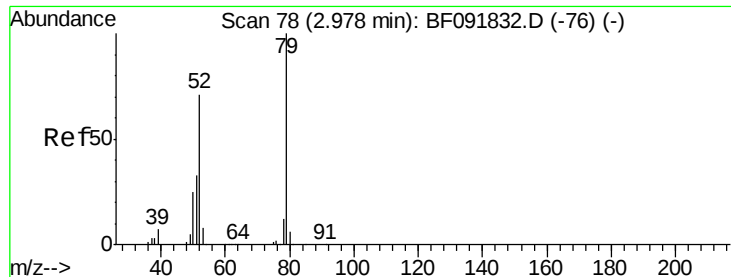
Delta R.T. 0.10 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion:	88	Resp:	218467
Ion Ratio	Lower	Upper	
88	100		
58	74.3	57.8	86.8
43	30.2	22.3	33.5





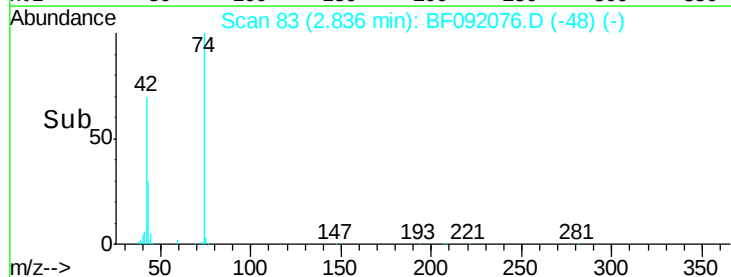
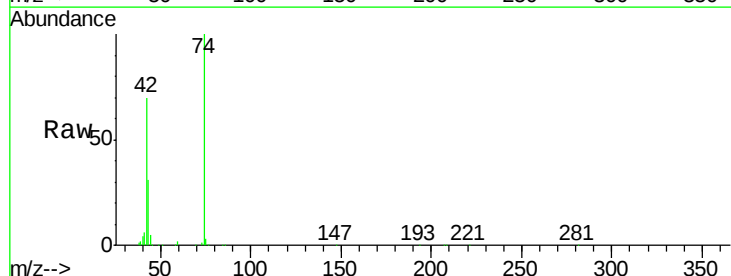
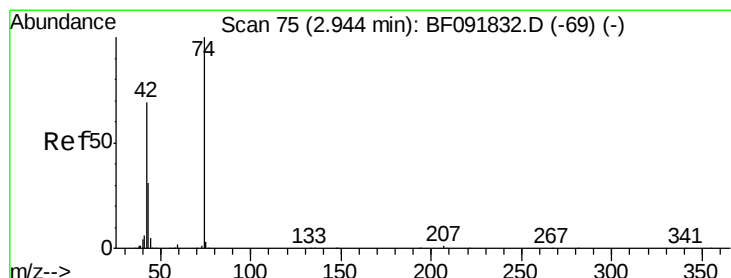
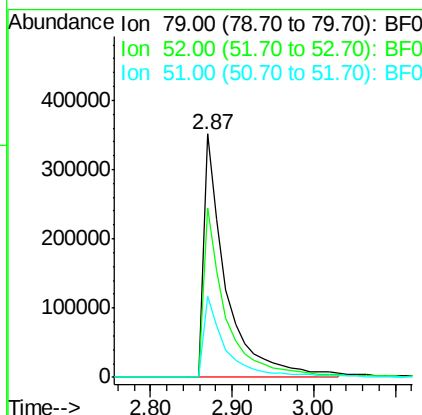
#3
Pvridine
Concen: 18.78 ng
RT: 2.87 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	673253		
52	52	69.5		57.1	85.7
51	51	33.1		27.3	40.9

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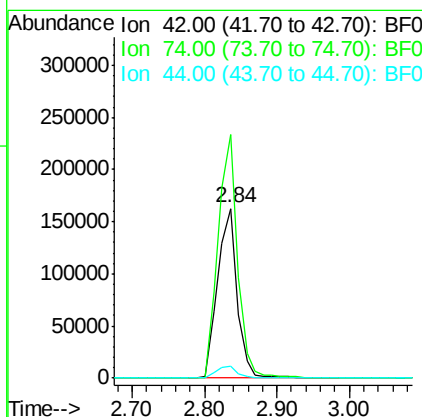
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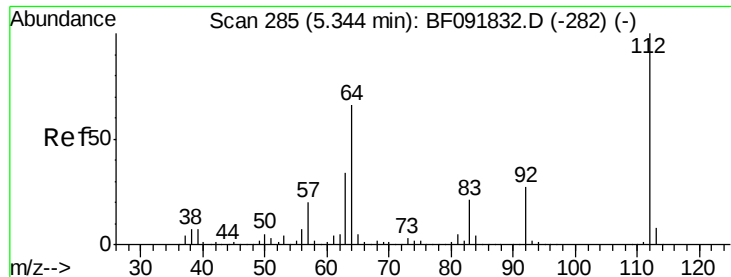
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#4
n-Nitrosodimethylamine
Concen: 22.73 ng
RT: 2.84 min Scan# 83
Delta R.T. 0.10 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	307293		
74	74	143.8		117.0	175.4
44	44	7.0		5.5	8.3





#5

2-Fluorophenol

Concen: 76.13 ng

RT: 5.28 min Scan# 297

Delta R.T. 0.02 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tot Ion: 112 Resp: 1588273

Ion Ratio Lower Upper

112 100

64 59.7 46.1 69.1

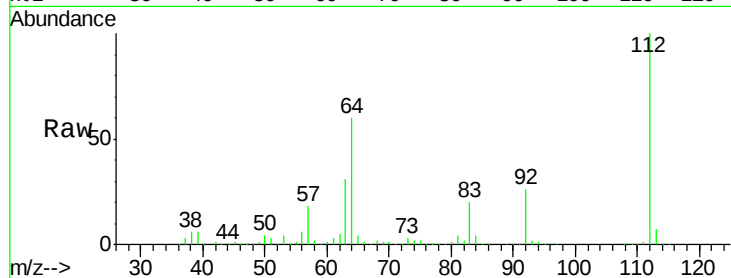
63 31.1 23.8 35.6

Manual Integrations

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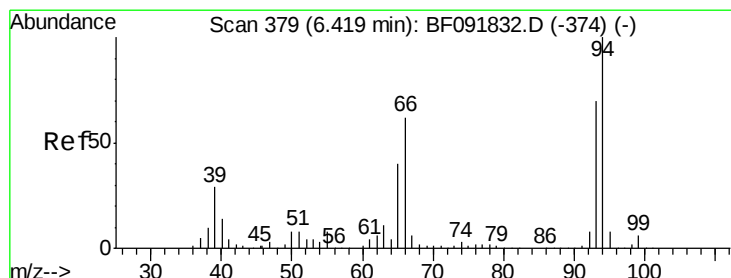
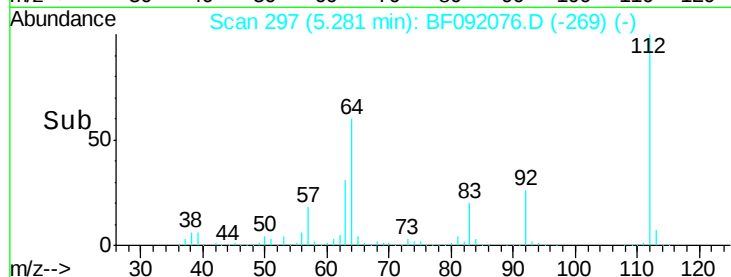
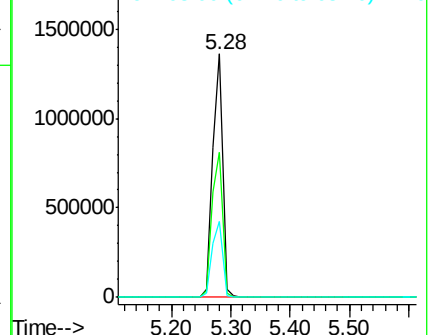
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.86 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

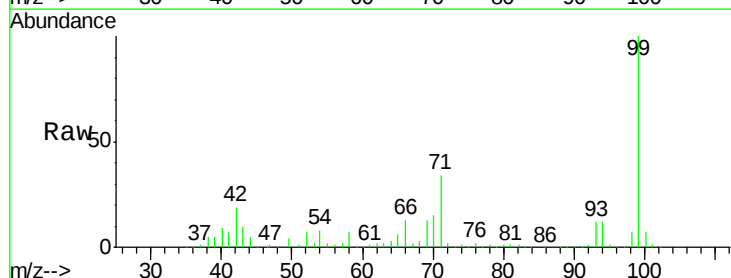
Tgt Ion: 93 Resp: 359380

Ion Ratio Lower Upper

93 100

66 109.8 76.2 114.2

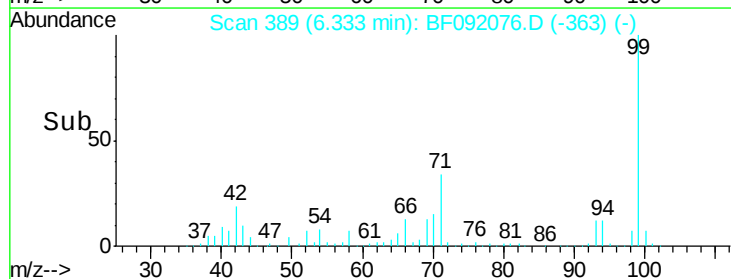
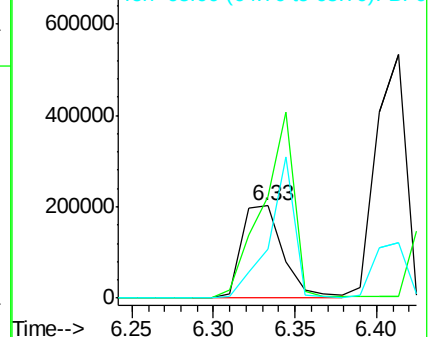
65 53.2 49.3 73.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.47 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tot Ion: 99 Resp: 2125975

Ion Ratio Lower Upper

99 100

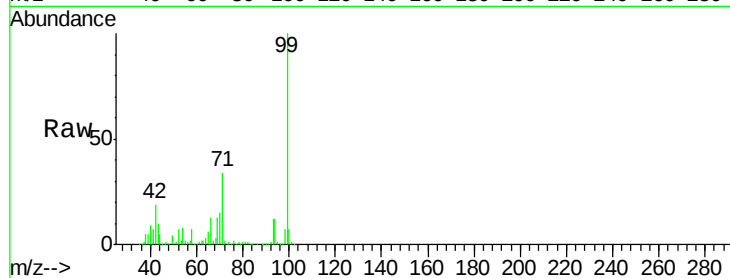
42 19.2 15.6 23.4

71 34.2 27.5 41.3

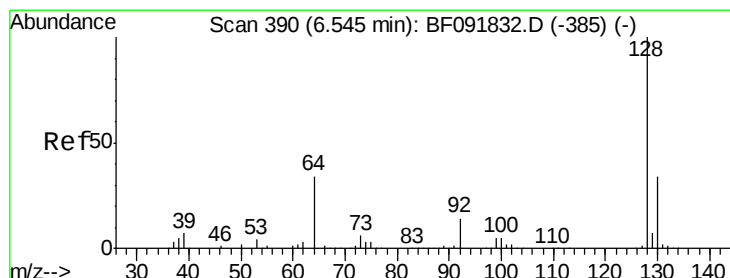
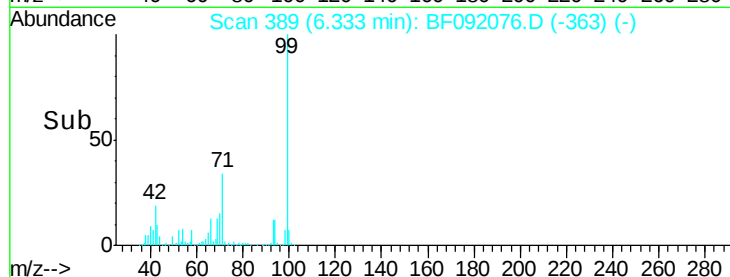
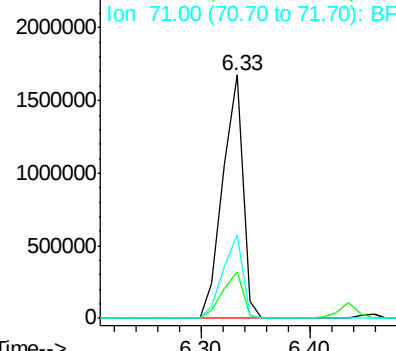
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.70 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

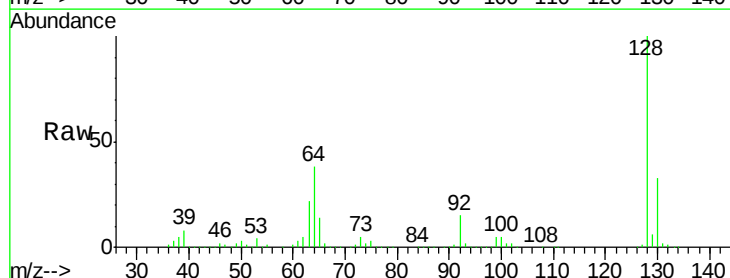
Tgt Ion: 128 Resp: 633484

Ion Ratio Lower Upper

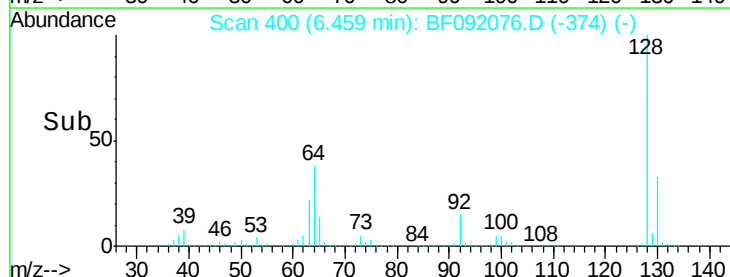
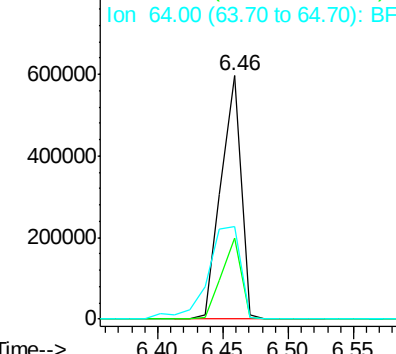
128 100

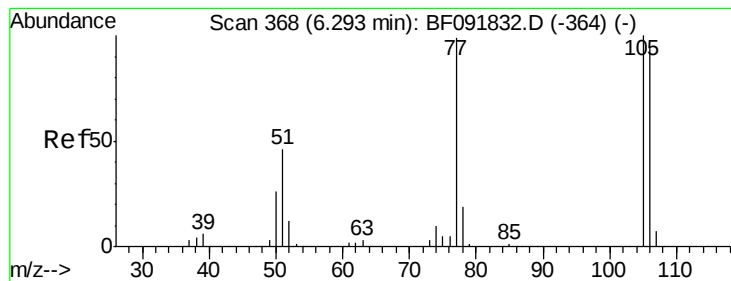
130 33.0 12.3 52.3

64 38.2 32.2 72.2



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: 2.52 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

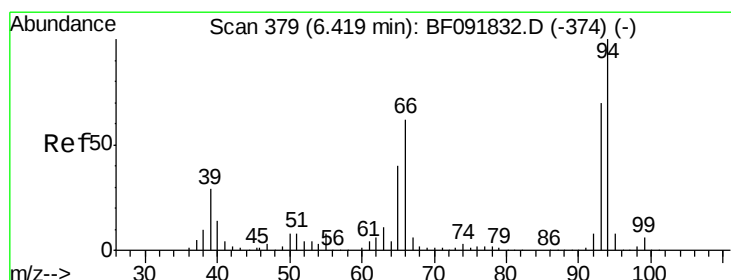
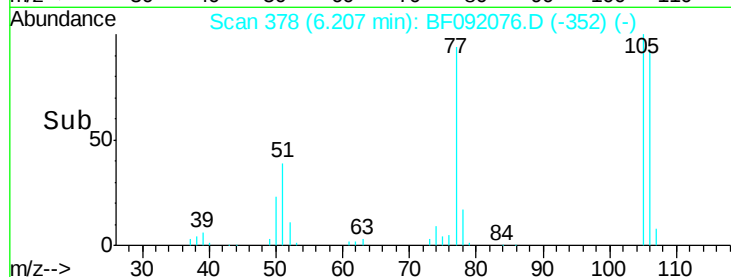
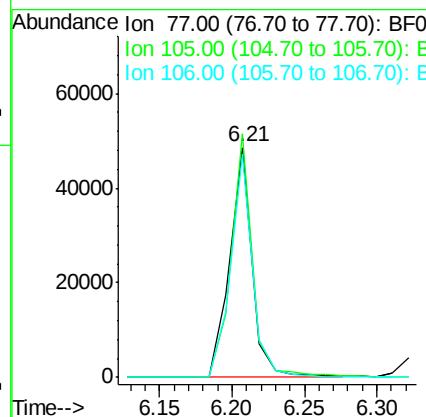
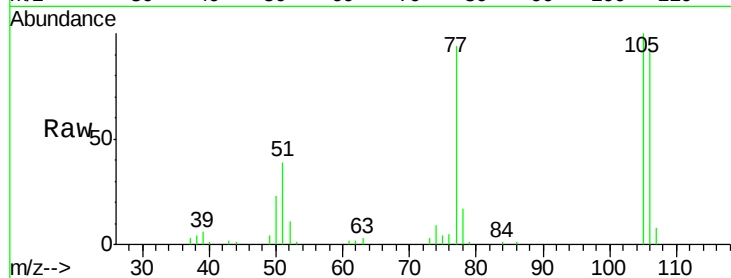
PB95751BSD

Tot Ion: 77 Resp: 52240

Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.9	123.9
106	97.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 31.28 ng

RT: 6.34 min Scan# 390

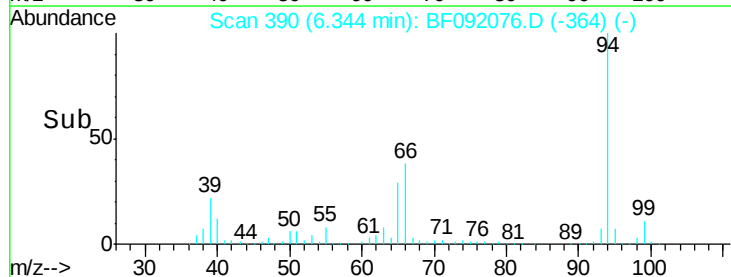
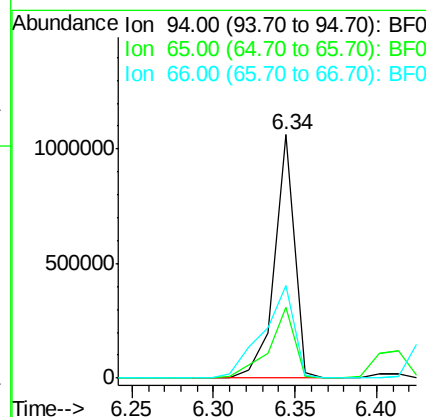
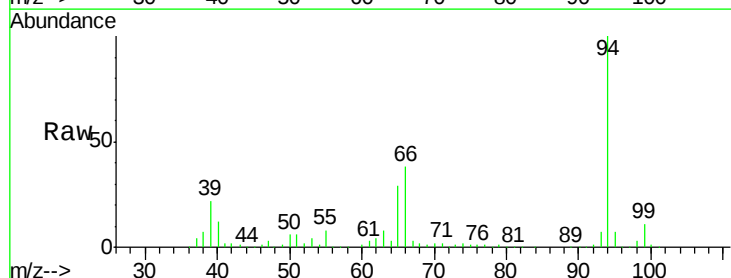
Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion: 94 Resp: 907939

Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	38.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 28.88 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

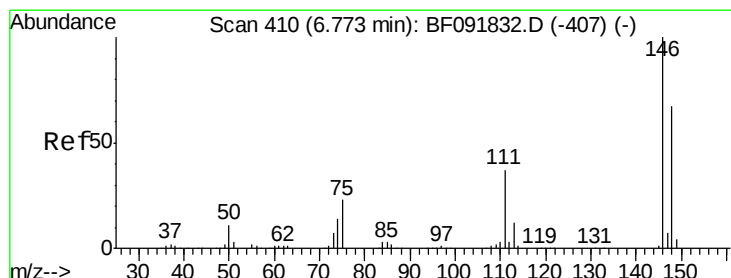
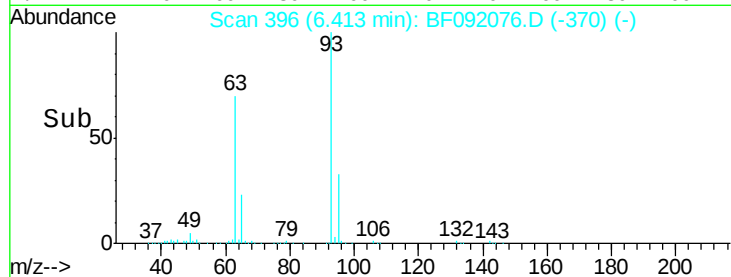
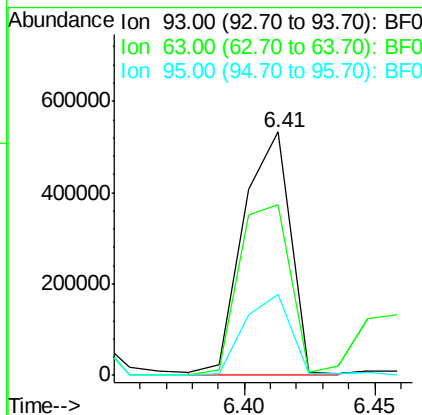
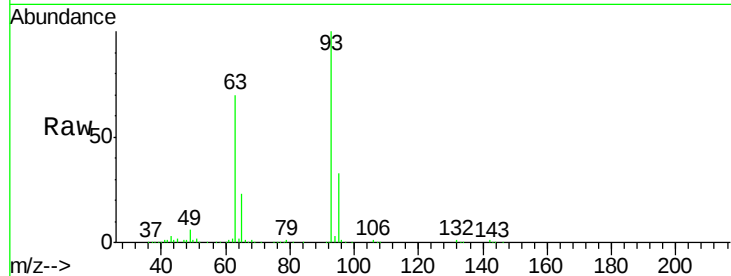
ClientSampleId :

PB95751BSD

Tot Ion:	93	Resp:	666966
Ion Ratio	Lower	Upper	
93	100		
63	70.0	60.4	100.4
95	33.5	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 25.40 ng m

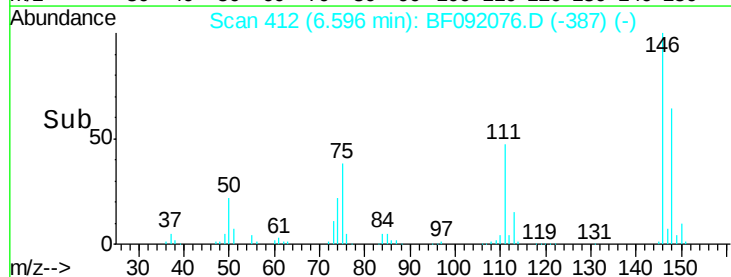
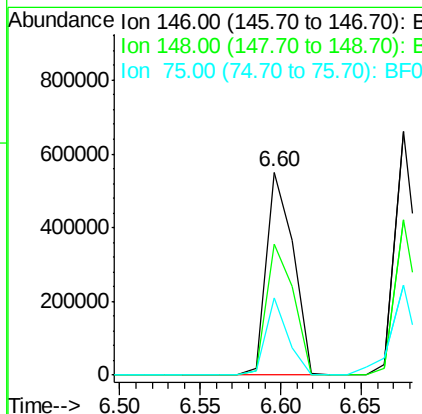
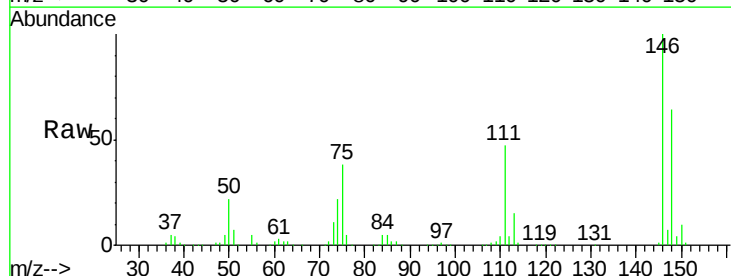
RT: 6.60 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion:	146	Resp:	643511
Ion Ratio	Lower	Upper	
146	100		
148	64.3	53.4	80.0
75	37.7	18.5	27.7#





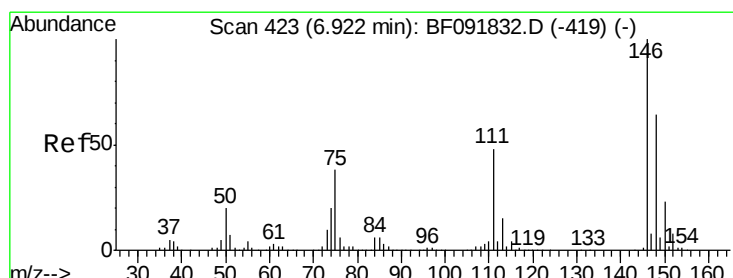
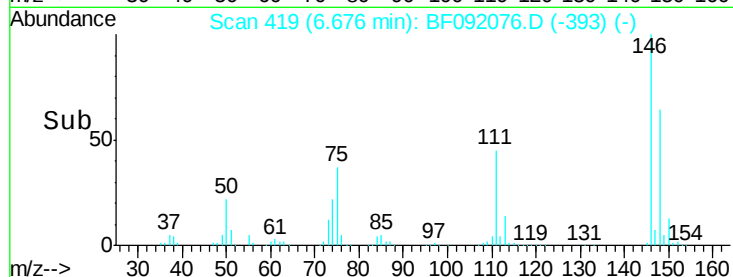
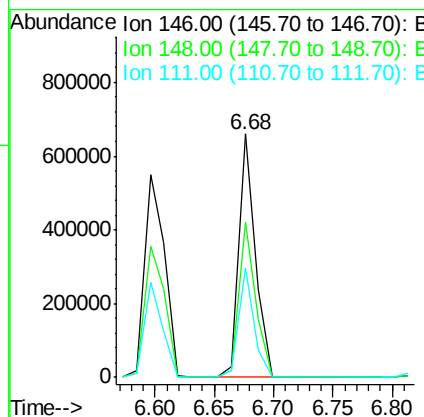
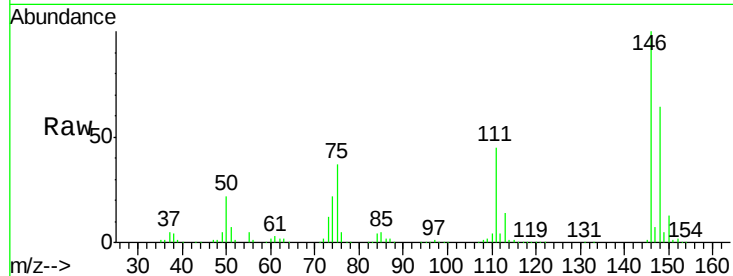
#13
1,4-Dichlorobenzene
Concen: 24.74 ng
RT: 6.68 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	44.9	36.2	54.4

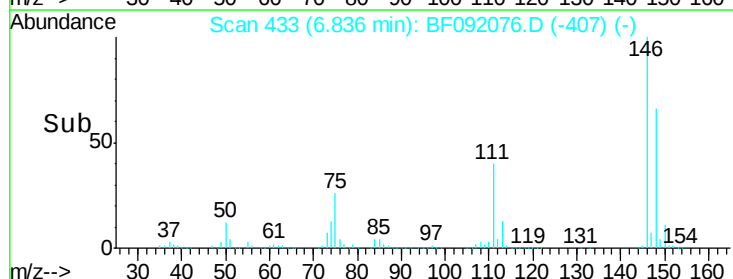
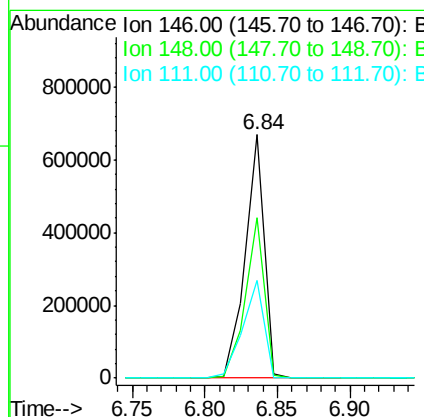
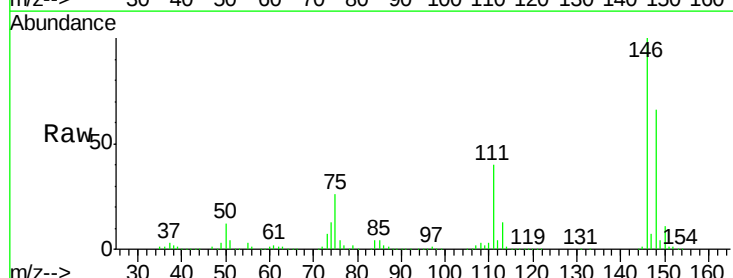
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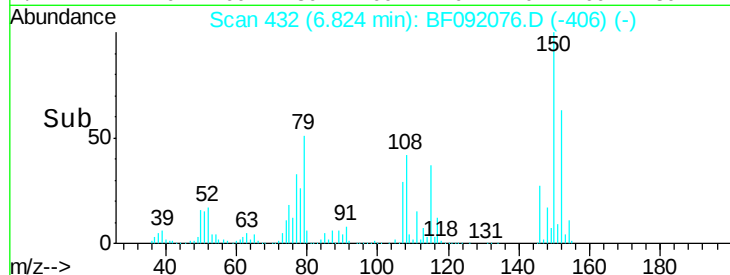
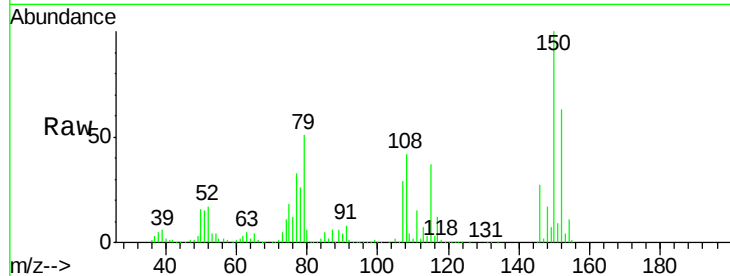
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#14
1,2-Dichlorobenzene
Concen: 27.32 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.2	78.2
111	40.4	36.2	54.2





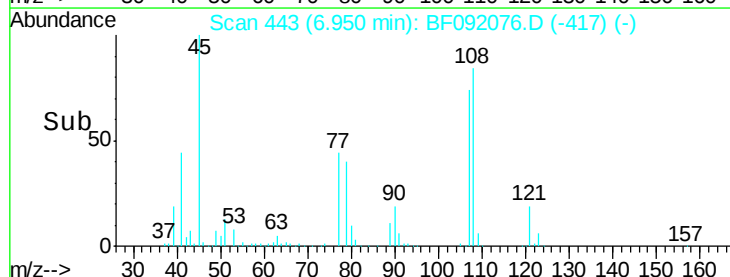
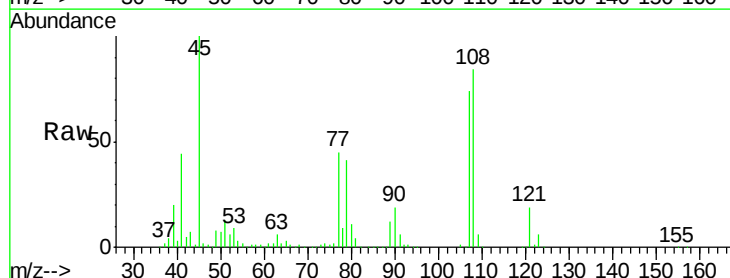
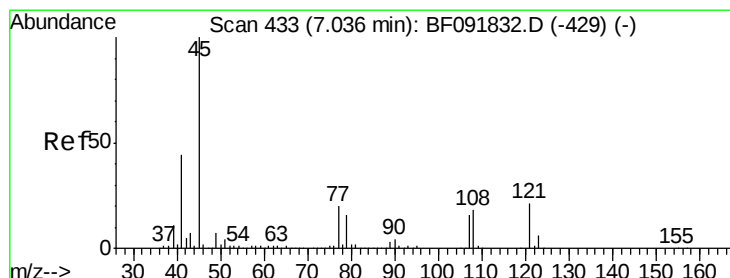
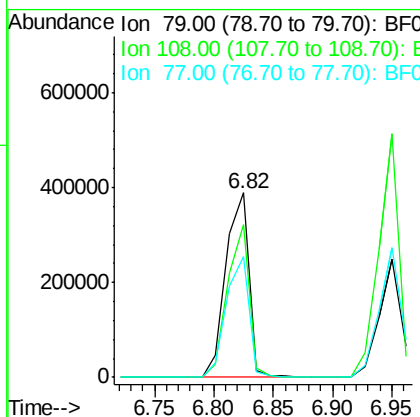
#15
Benzyl Alcohol
Concen: 26.54 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tot Ion	Ratio	Resp	Lower	Upper
79	100	525221		
108	82.8	61.4	92.0	
77	65.7	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB95751BSD

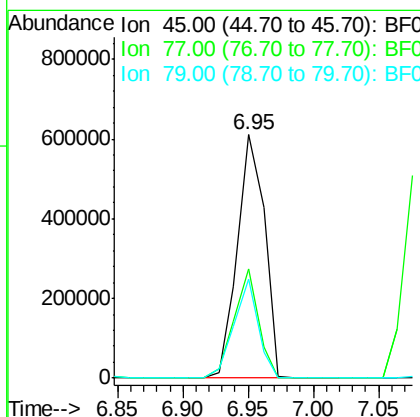
Manual Integrations
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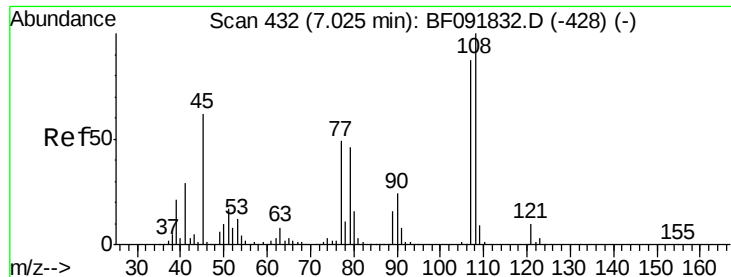
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.69 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	883528		
77	44.8	0.0	34.6#	
79	40.6	0.0	31.2#	





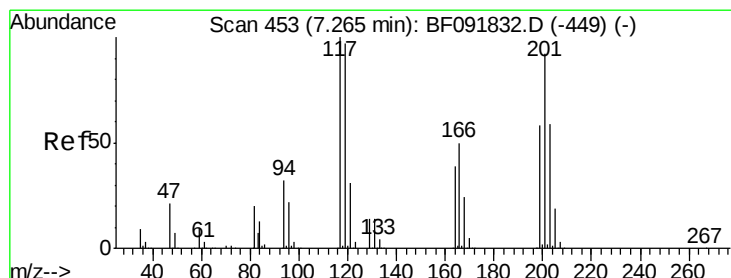
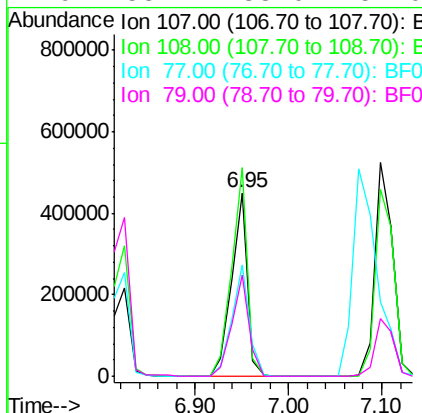
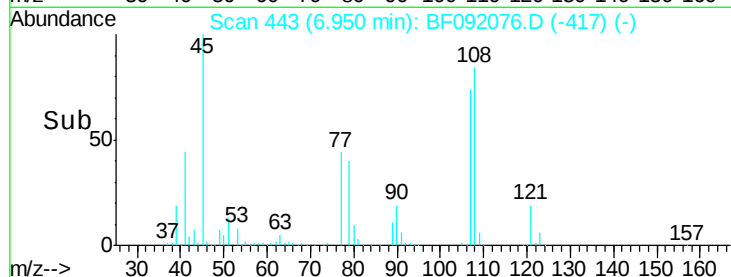
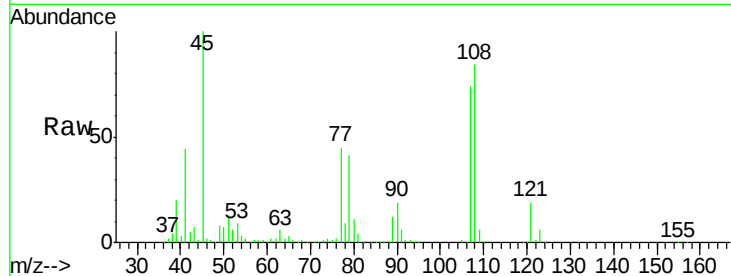
#17
2-Methylphenol
Concen: 27.96 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.0	139.6	
77	60.8	39.8	59.8	
79	55.1	38.0	57.0	

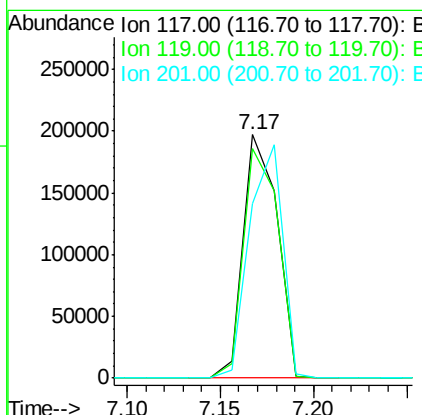
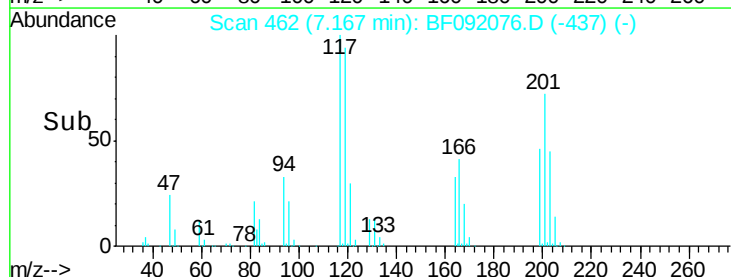
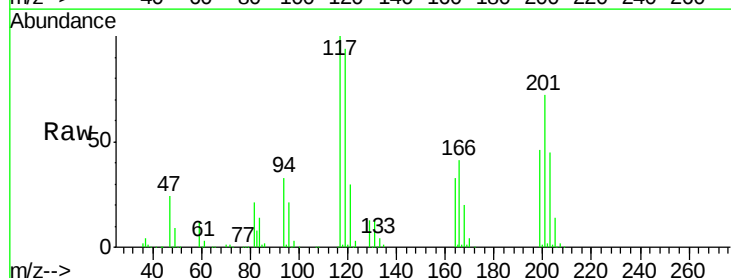
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#18
Hexachloroethane
Concen: 26.10 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	78.1	117.1	
201	71.9	78.6	117.8	





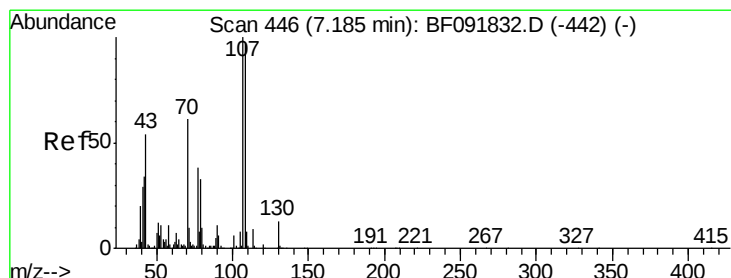
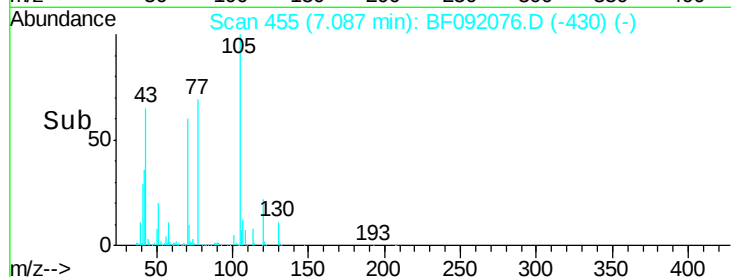
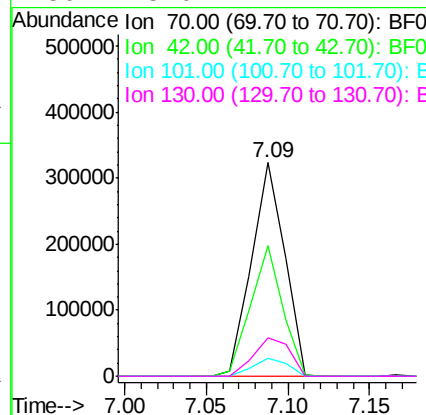
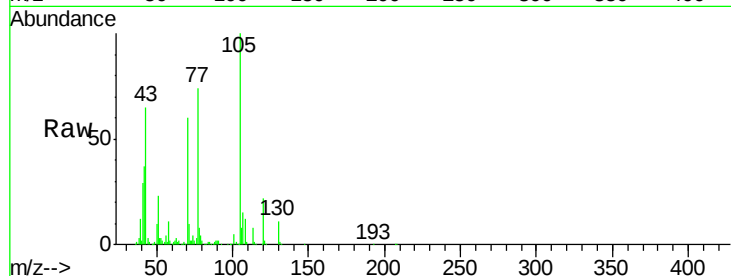
#19
n-Nitroso-di-n-propylamine
Concen: 26.76 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		453459		
42	61.2	49.4	74.0		
101	8.6	7.4	11.2		
130	18.0	14.2	21.4		

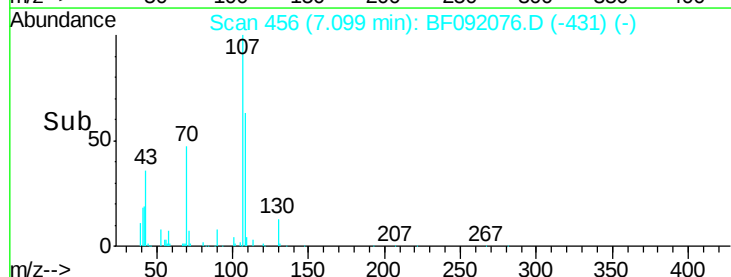
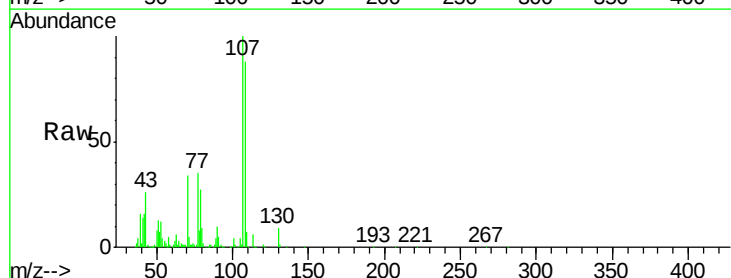
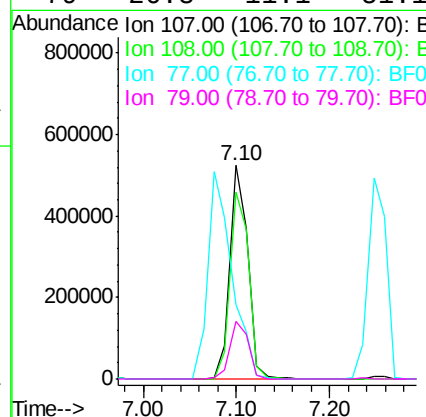
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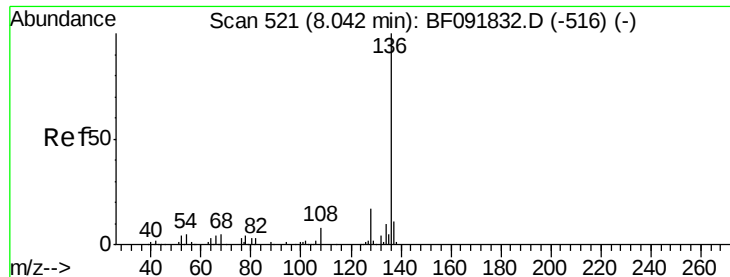
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#20
3+4-Methylphenols
Concen: 30.95 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		704464		
108	87.5	73.0	113.0		
77	34.9	71.3	111.3#		
79	26.8	11.1	51.1		





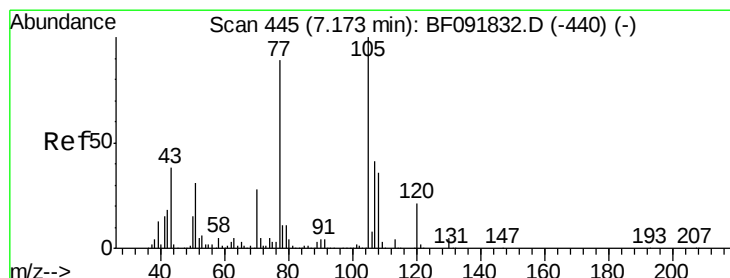
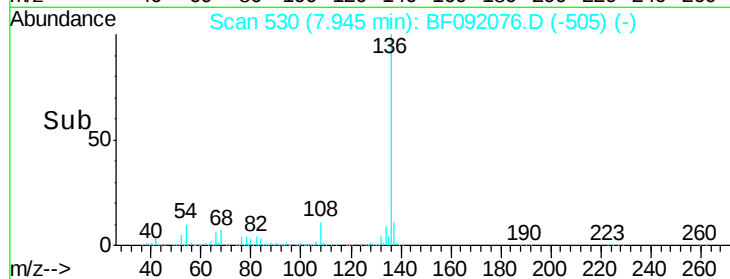
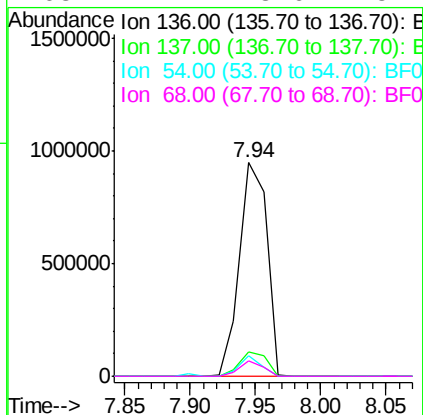
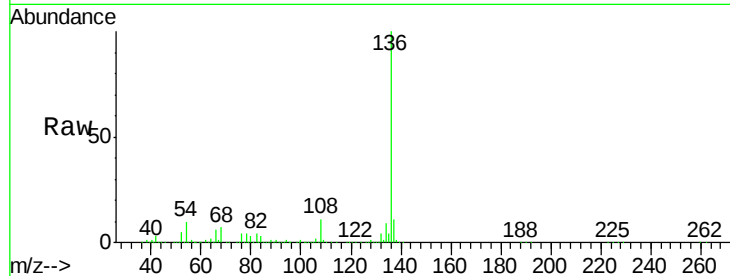
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	7.4	3.6	5.4#

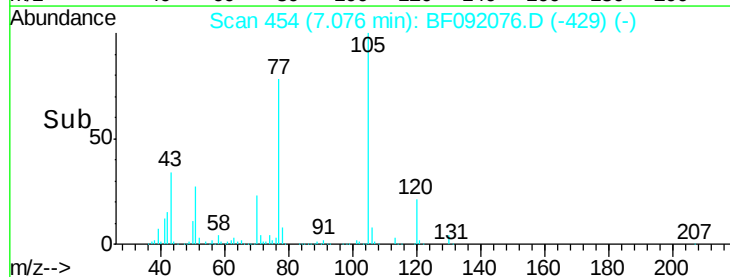
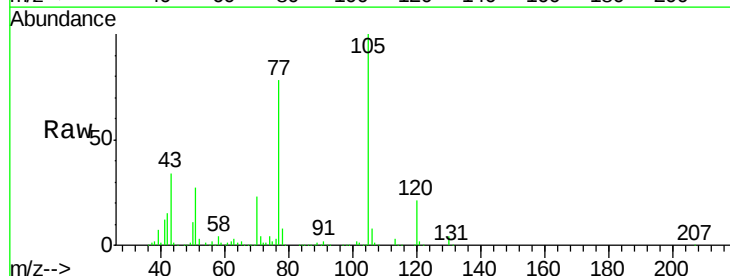
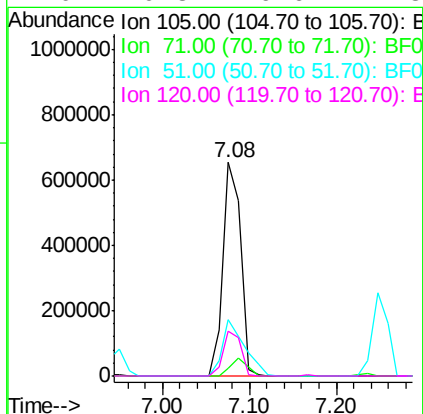
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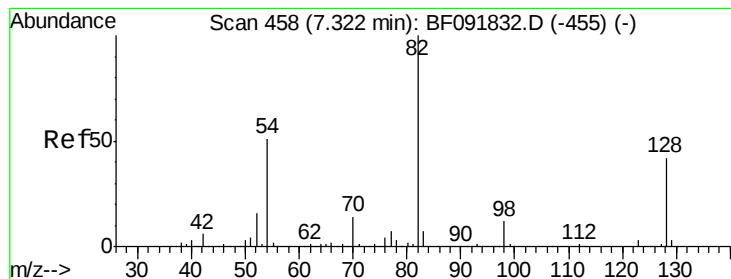
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#22
Acetophenone
Concen: 27.26 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.2	4.8
51	26.6	26.2	39.4
120	20.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 56.73 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tot Ion: 82 Resp: 1416855

Ion Ratio Lower Upper

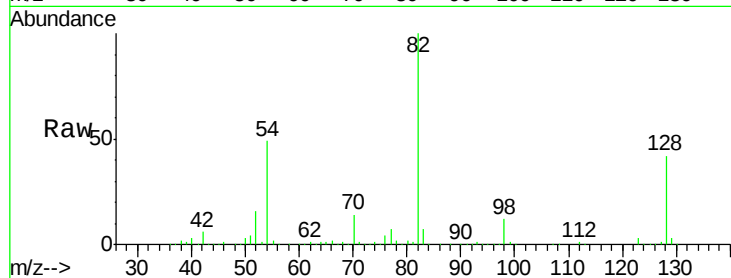
82 100

128 42.2 34.6 52.0

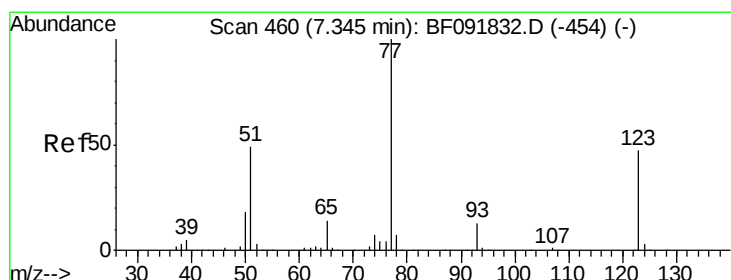
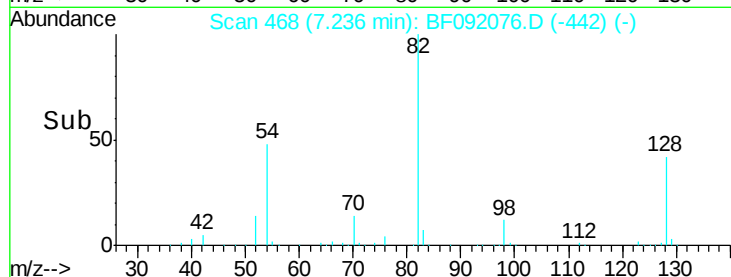
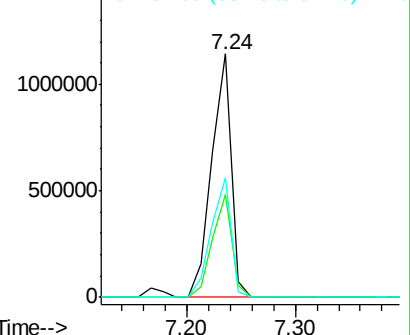
54 49.3 39.5 59.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 25.35 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

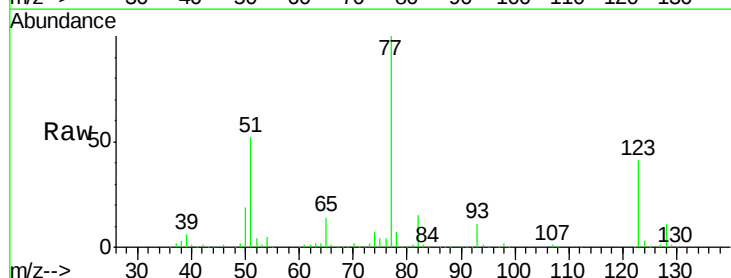
Tgt Ion: 77 Resp: 674281

Ion Ratio Lower Upper

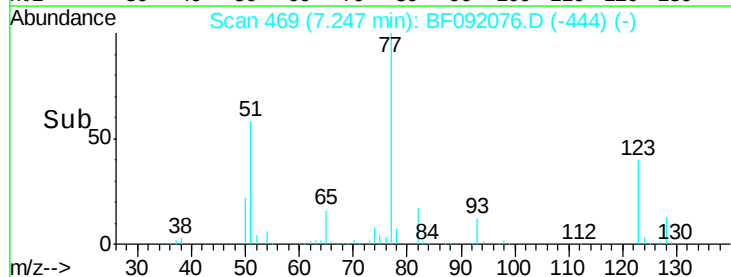
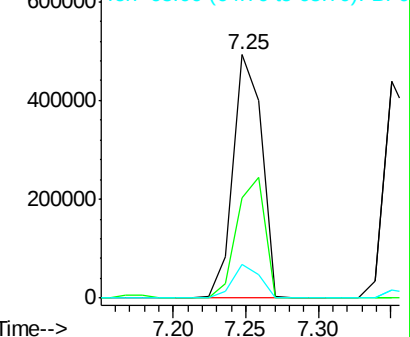
77 100

123 41.0 33.0 49.4

65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.91 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

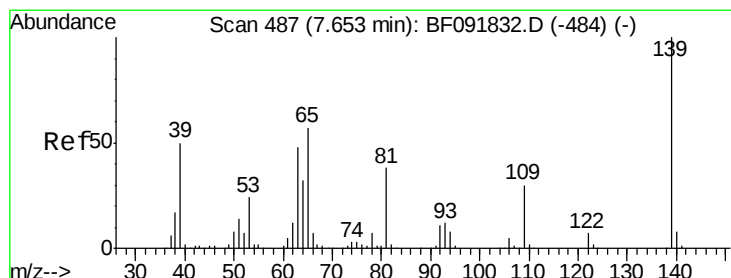
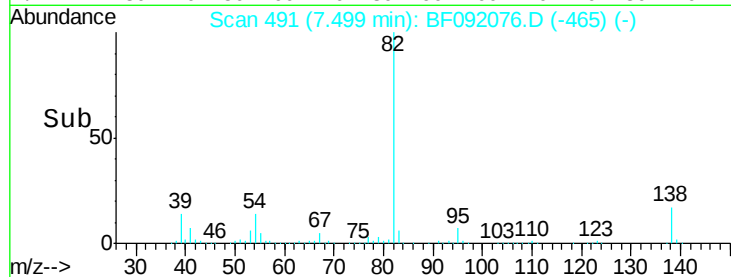
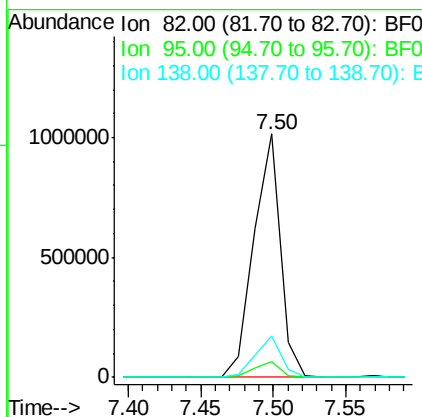
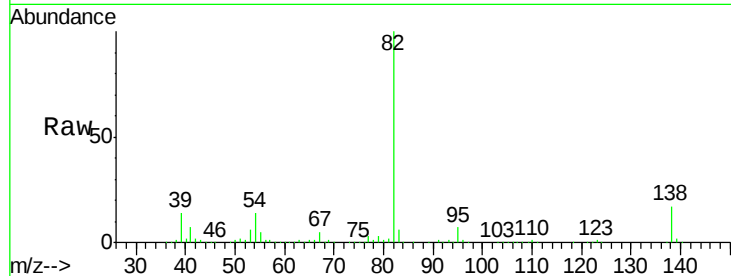
ClientSampled :

PB95751BSD

Tot Ion:	82	Resp:	1286117
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 25.02 ng

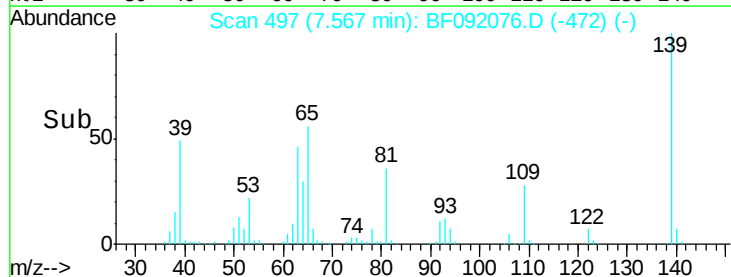
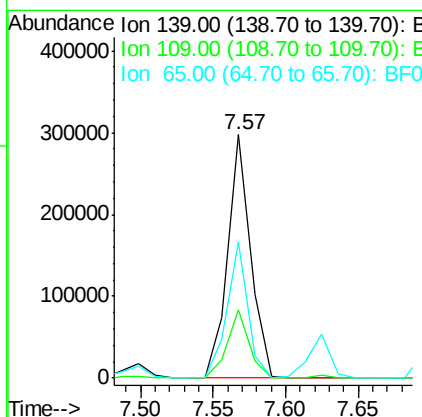
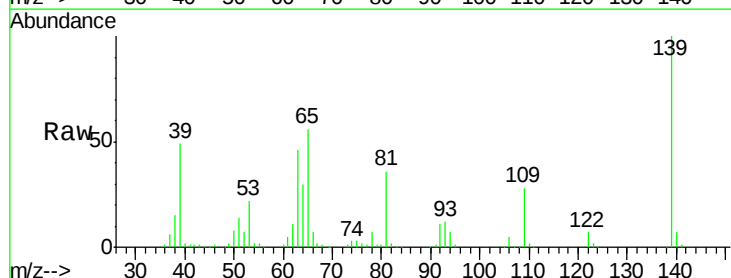
RT: 7.57 min Scan# 497

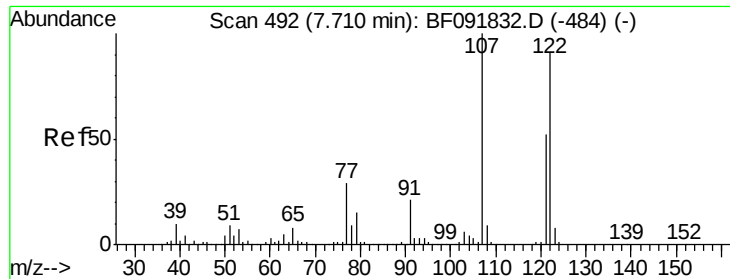
Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion:	139	Resp:	328177
Ion	Ratio	Lower	Upper
139	100		
109	27.9	23.3	34.9
65	56.1	42.7	64.1





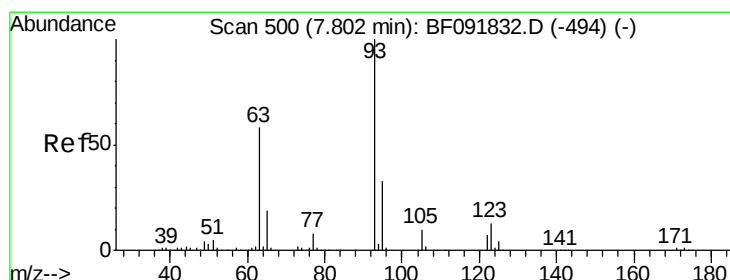
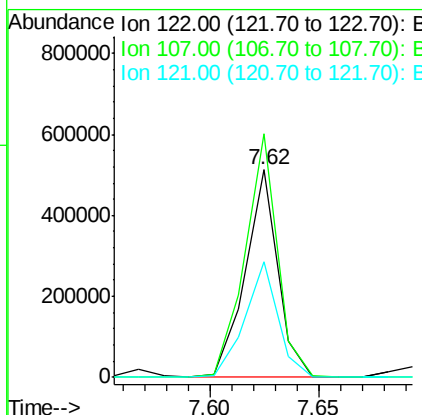
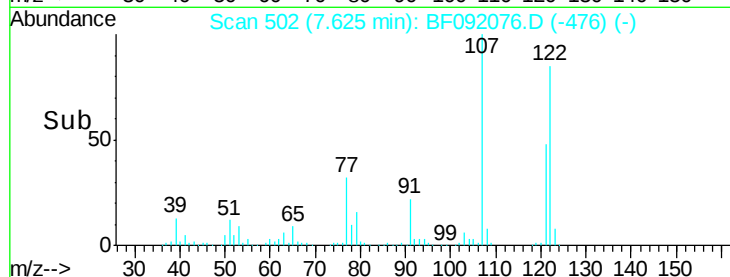
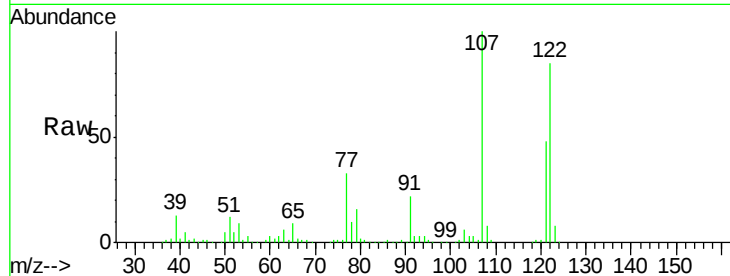
#27
 2,4-Dimethylphenol
 Concen: 24.66 ng
 RT: 7.62 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	536551		
107	117.5	94.1	141.1	
121	56.0	46.0	69.0	

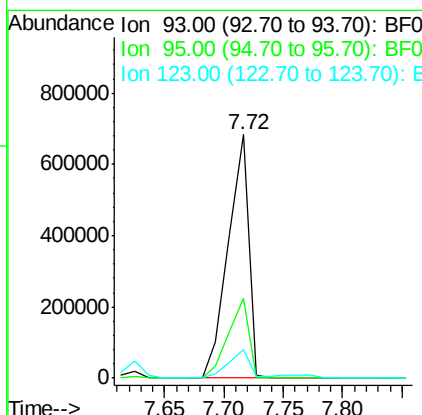
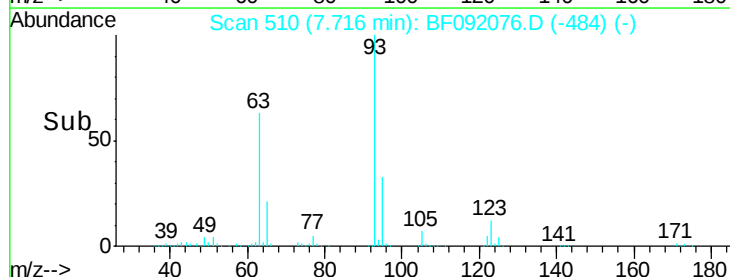
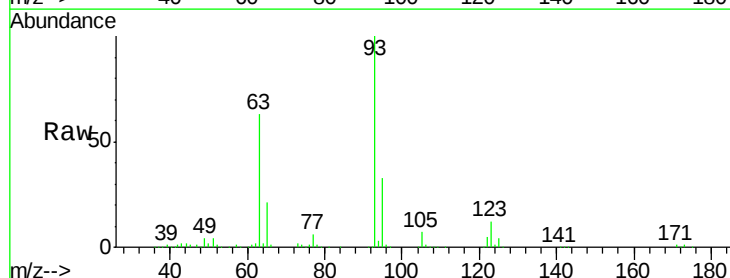
Manual Integrations
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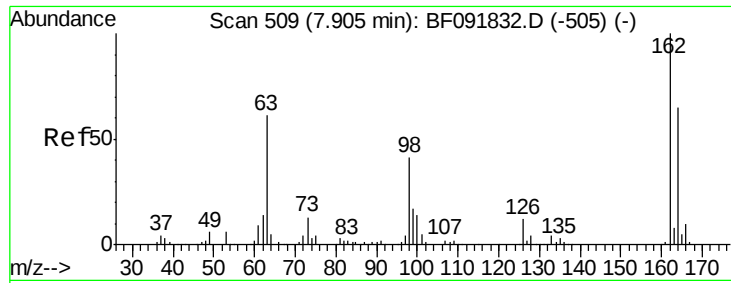
Sohil
 1/5/2017 4:02:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.48 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	823752		
95	32.7	26.5	39.7	
123	11.6	8.6	13.0	





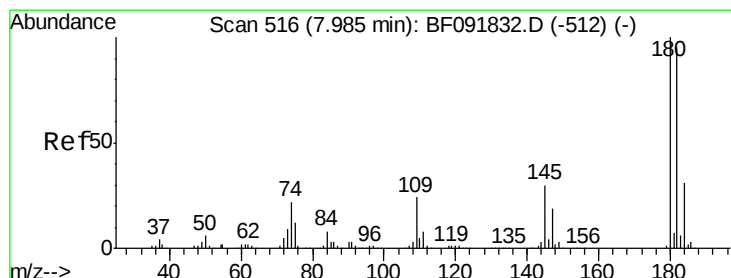
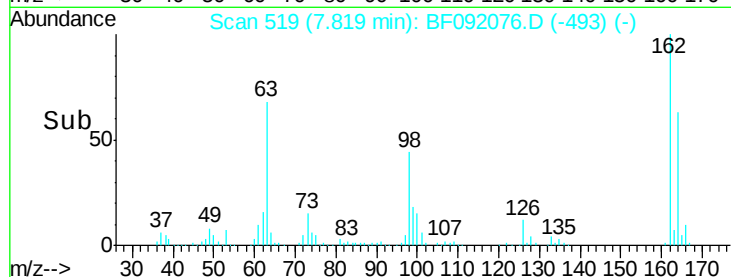
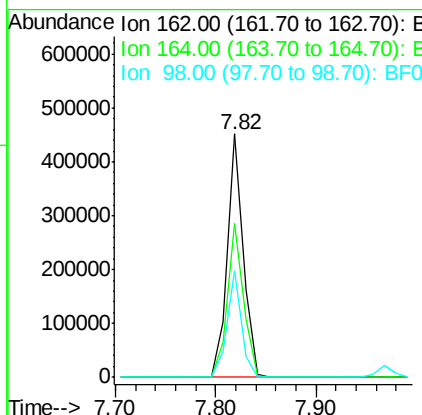
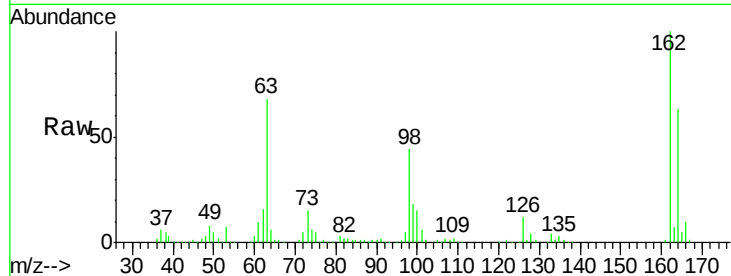
#29
2,4-Dichlorophenol
Concen: 27.01 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	497604		
164	63.5	46.8	86.8	
98	43.9	9.1	49.1	

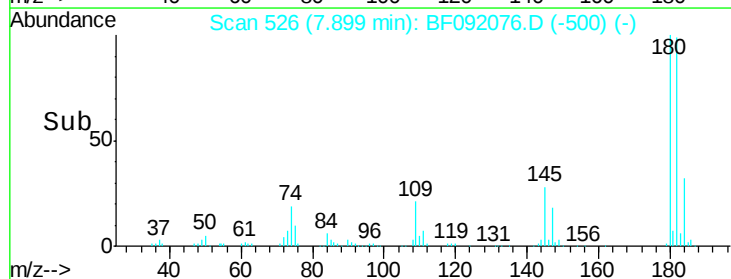
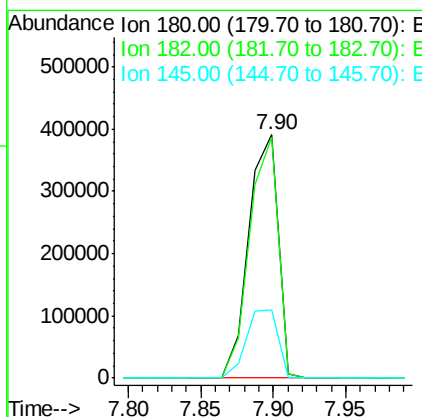
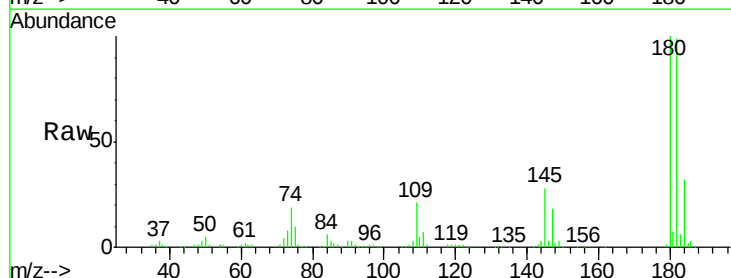
Manual Integrations
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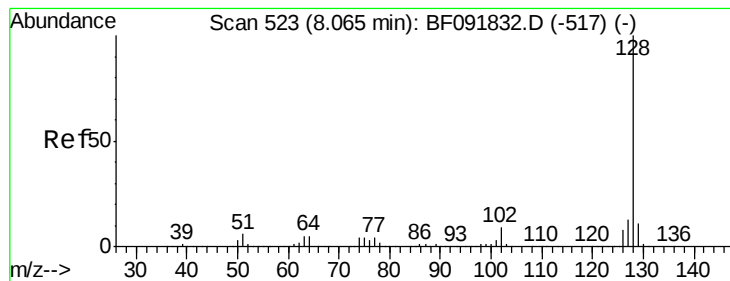
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 27.20 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	549202		
182	99.1	78.2	117.4	
145	27.9	21.6	32.4	





#31

Naphthalene

Concen: 26.39 ng

RT: 7.97 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tot Ion:128 Resp: 1677705

Ion Ratio Lower Upper

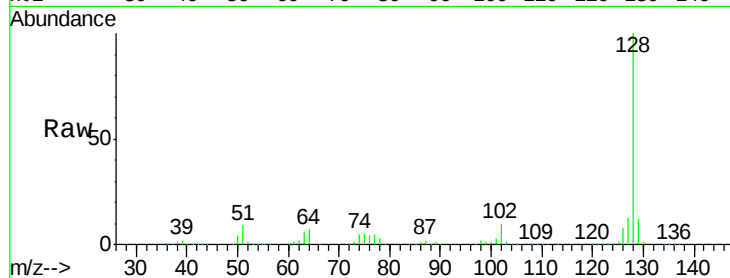
128 100

129 11.5 9.5 14.3

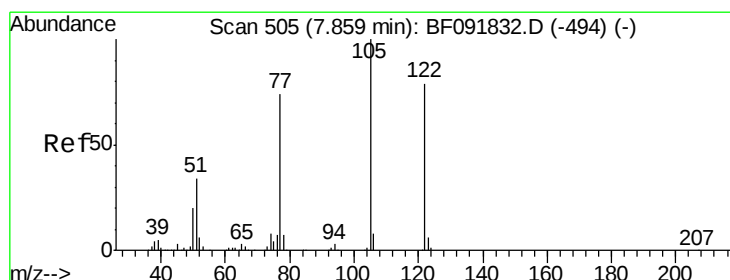
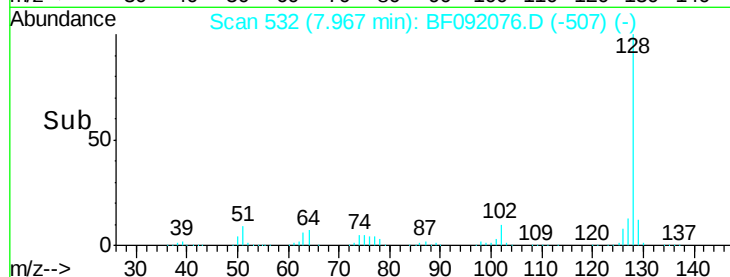
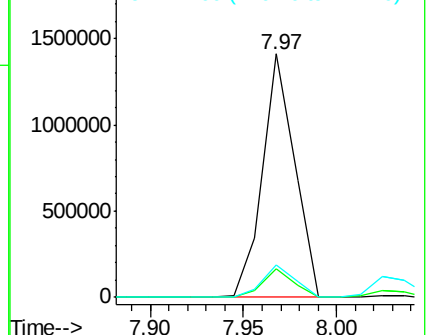
127 13.4 10.8 16.2

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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: 24.65 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

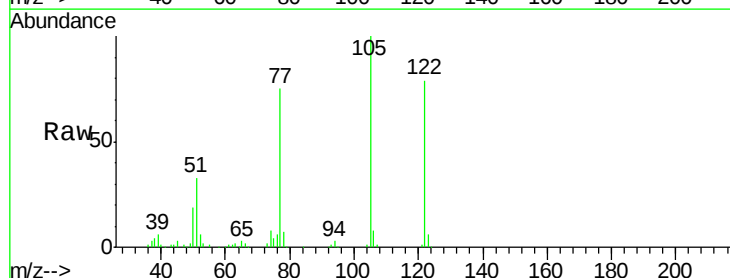
Tgt Ion:122 Resp: 397879

Ion Ratio Lower Upper

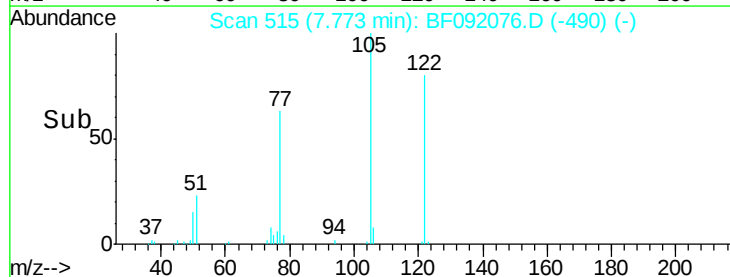
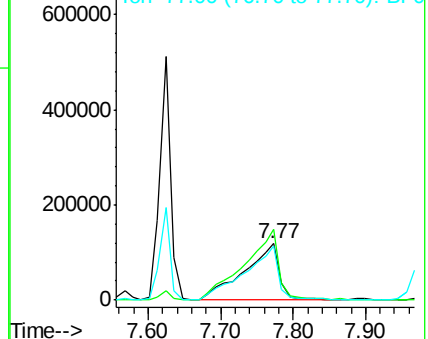
122 100

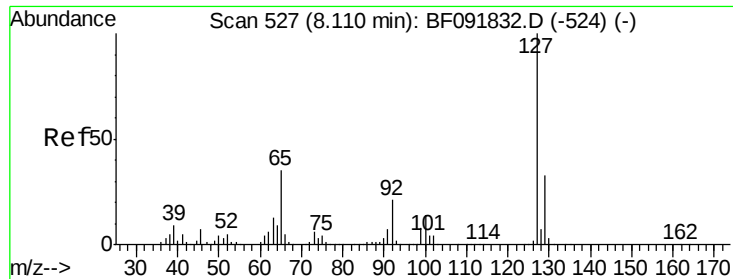
105 126.1 107.2 147.2

77 95.0 74.5 114.5



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





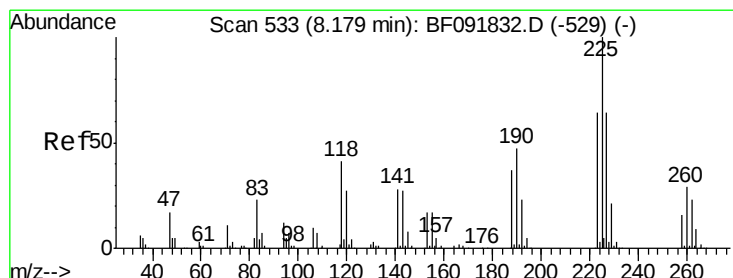
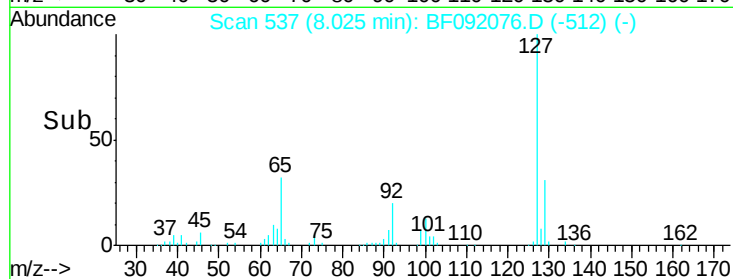
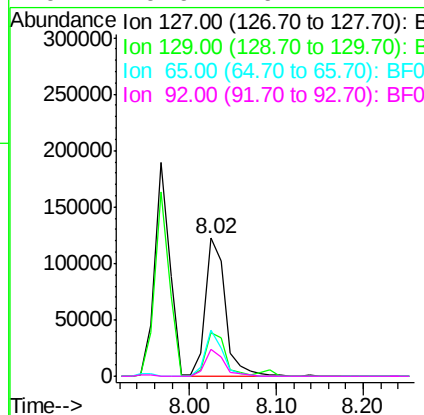
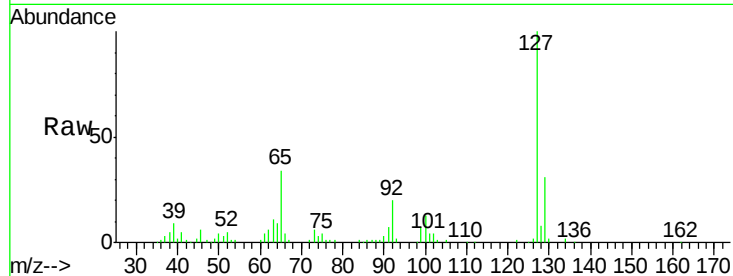
#33
4-Chloroaniline
Concen: 6.82 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	195592		
129	31.4	26.3	39.5	
65	33.5	25.8	38.8	
92	19.9	16.1	24.1	

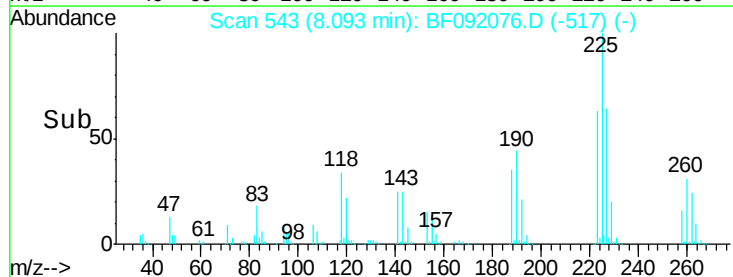
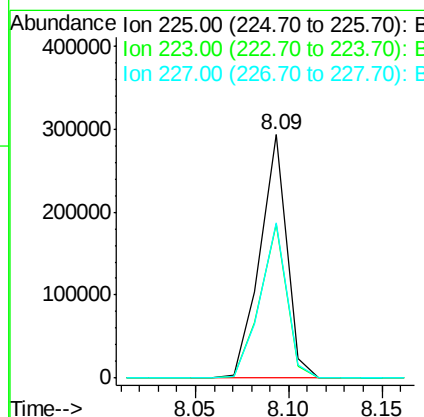
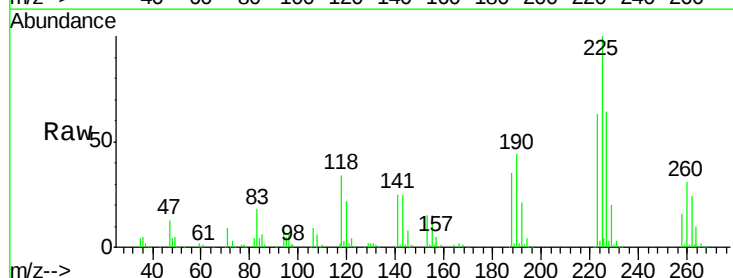
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 27.27 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	290669		
223	63.4	51.0	76.6	
227	63.7	50.6	76.0	





#35

Caprolactam

Concen: 27.40 ng/ml

RT: 8.40 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

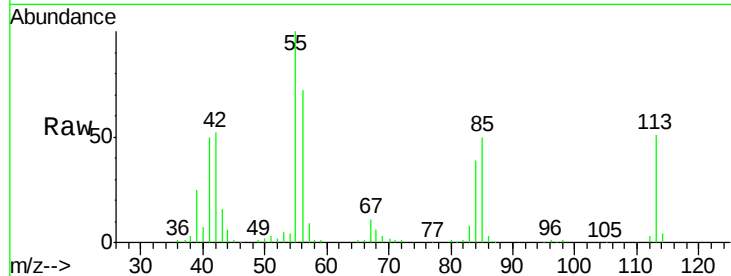
ClientSampleId :

PB95751BSD

Tot Ion:	113	Resp:	165906
Ion Ratio	Lower	Upper	
113	100		
55	195.6	119.2	159.2#
56	141.6	83.8	123.8#

Manual Integrations
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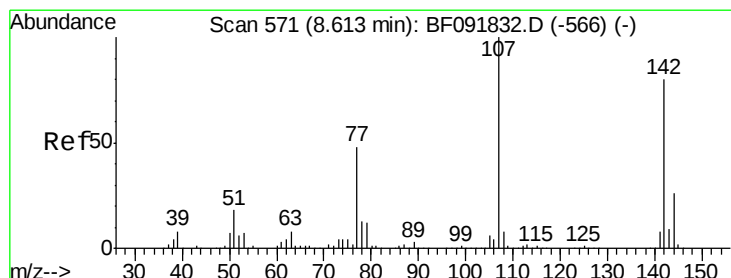
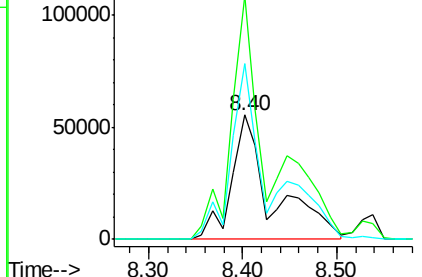
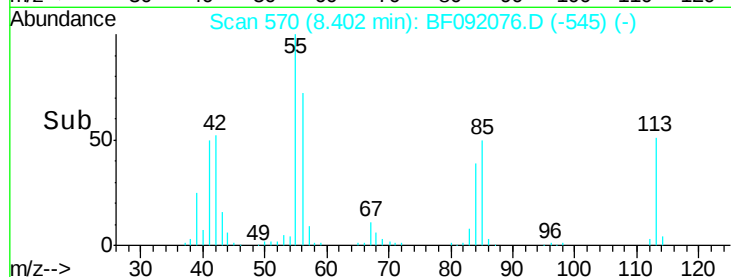
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.75 ng/ml

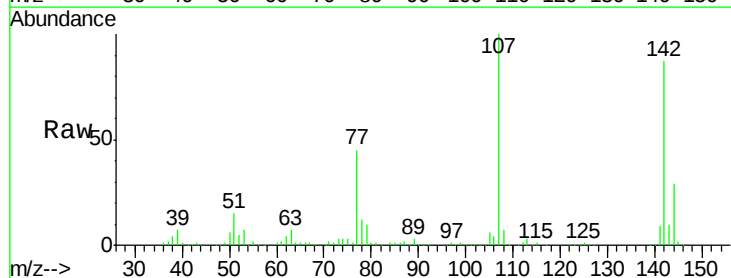
RT: 8.54 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

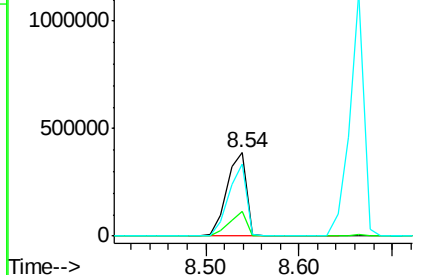
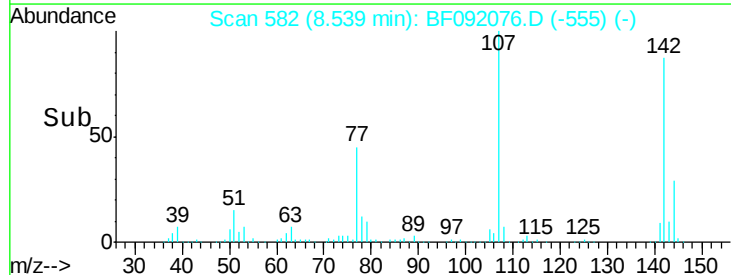
Tgt Ion:	107	Resp:	567153
Ion Ratio	Lower	Upper	
107	100		
144	29.0	19.3	28.9#
142	87.5	59.0	88.6

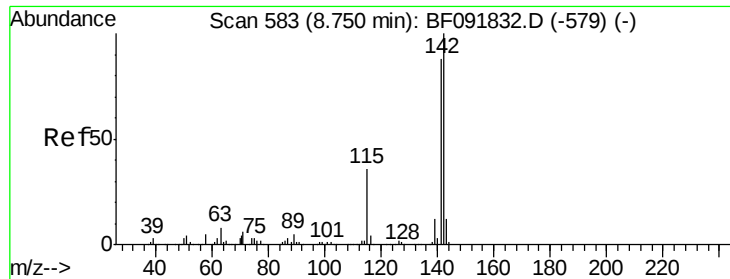


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





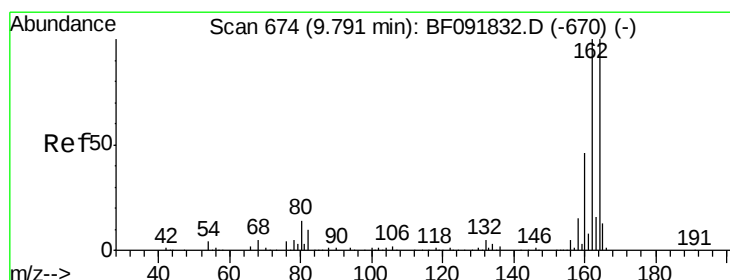
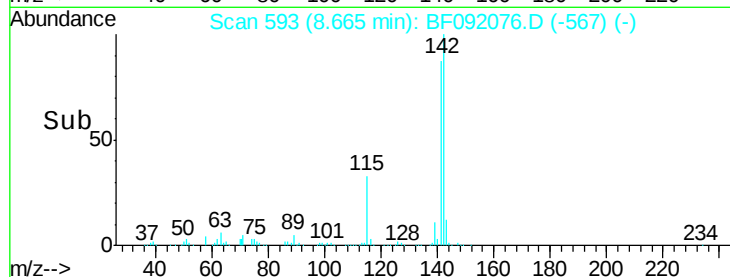
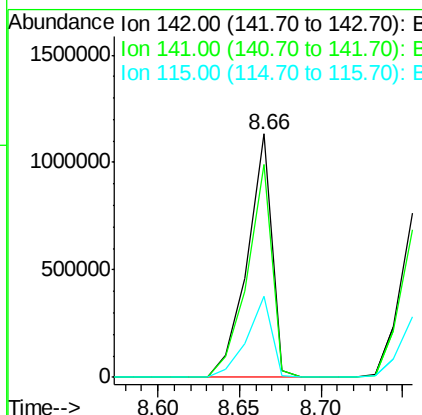
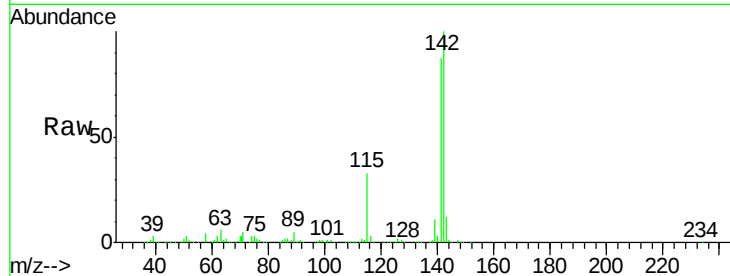
#37
2-Methylnaphthalene
Concen: 26.86 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampled :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	33.2	28.3	42.5

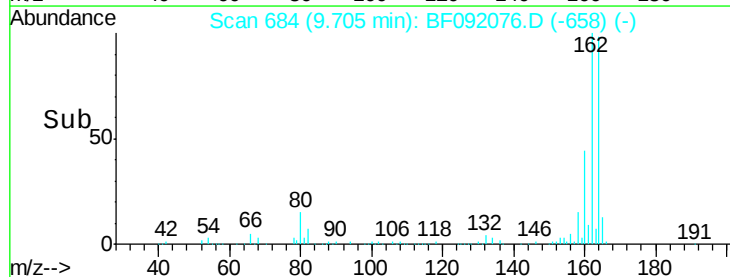
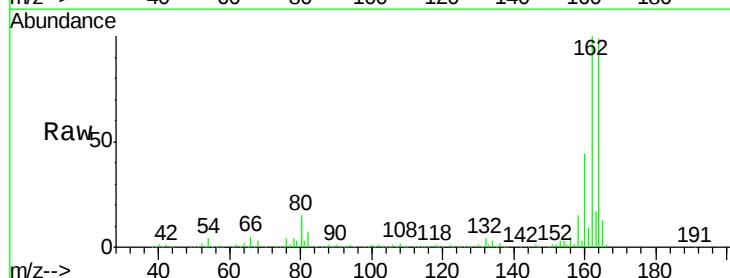
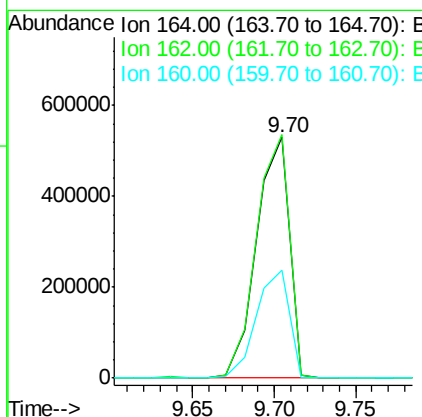
Manual Integrations
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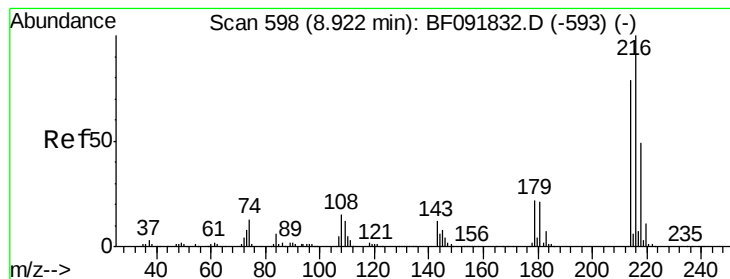
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	44.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.61 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

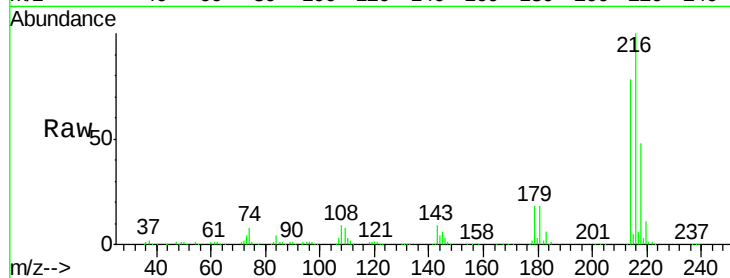
ClientSampleId :

PB95751BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		479354		
214	79.7	63.4	95.0		
179	22.0	17.4	26.2		
108	21.3	15.6	23.4		

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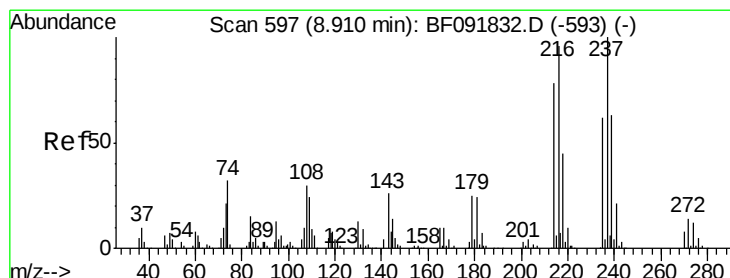
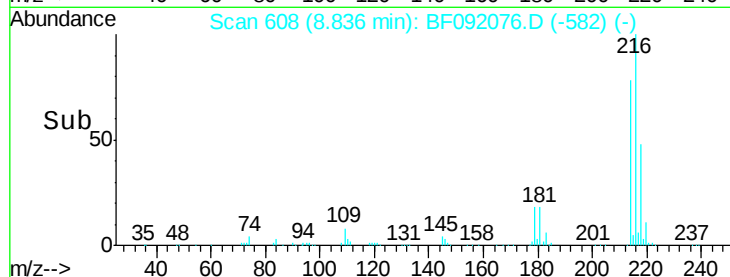
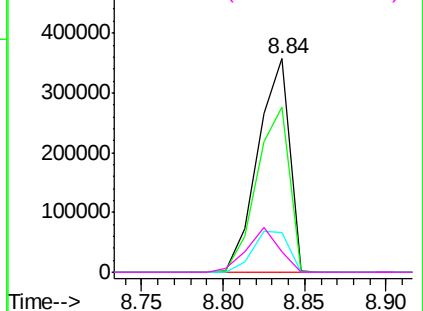


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.21 ng

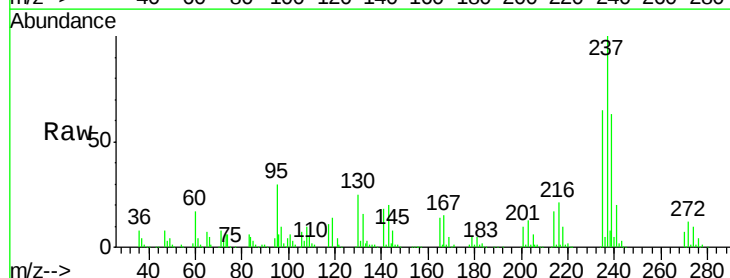
RT: 8.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

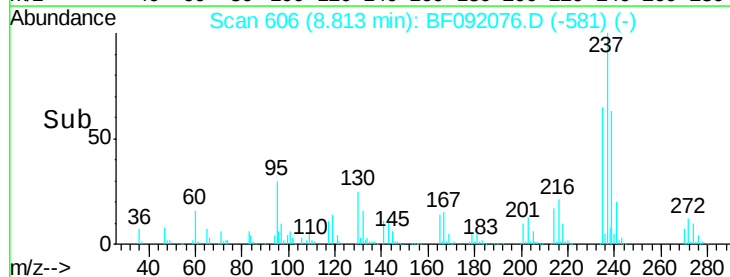
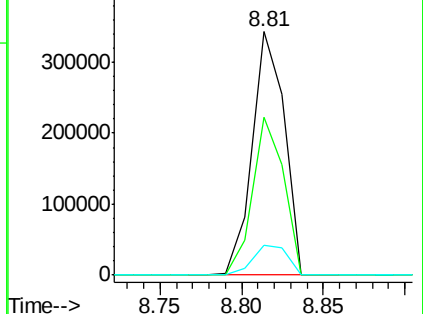
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		467009		
235	64.7	41.2	81.2		
272	12.5	0.0	35.4		

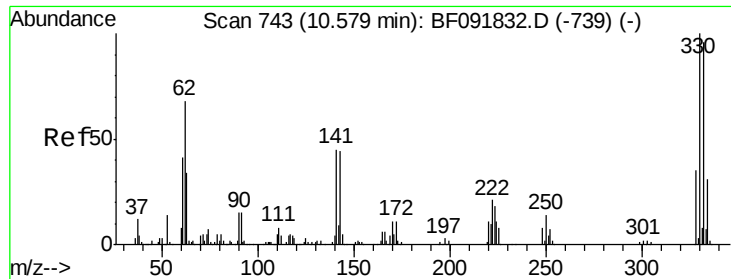


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





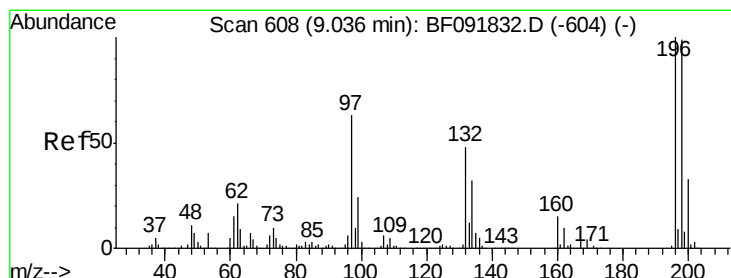
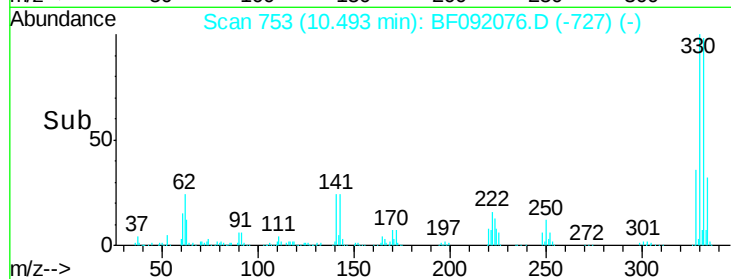
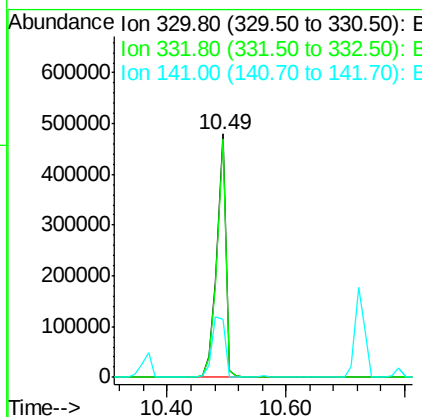
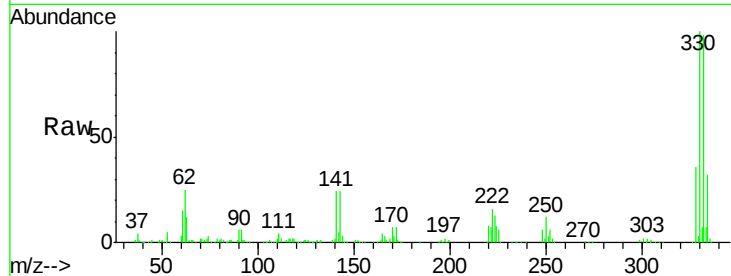
#41
 2,4,6-Tribromophenol
 Concen: 82.57 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	506281		
332	97.5		77.4	116.2
141	35.9		34.1	51.1

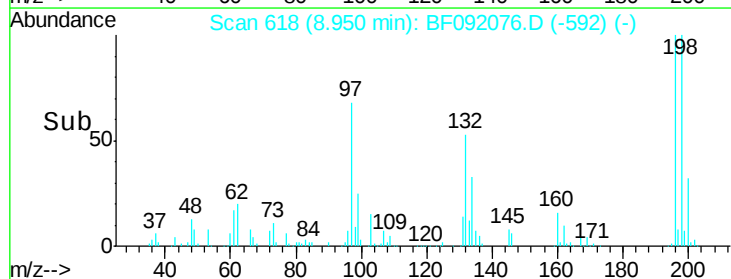
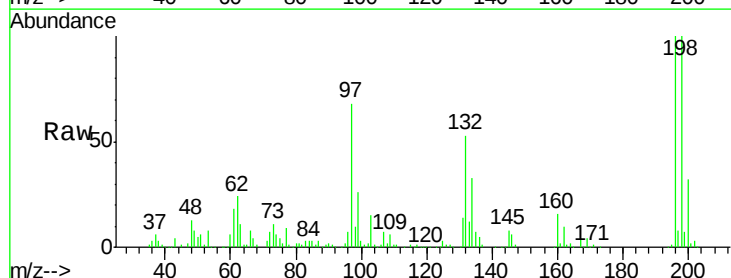
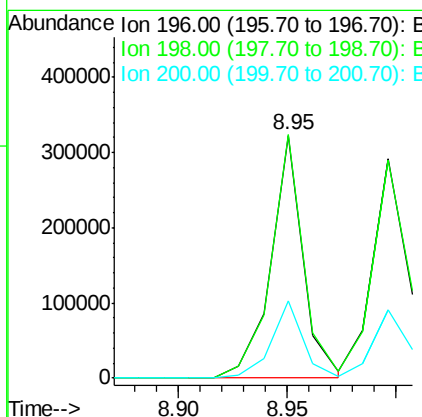
Manual Integrations
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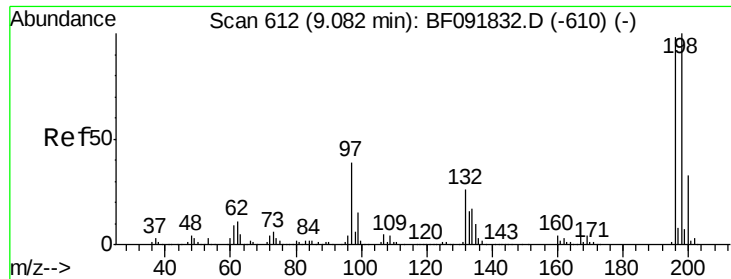
Sohil
 1/5/2017 4:02:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 25.68 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336115		
198	100.4		82.1	123.1
200	32.0		27.0	40.4





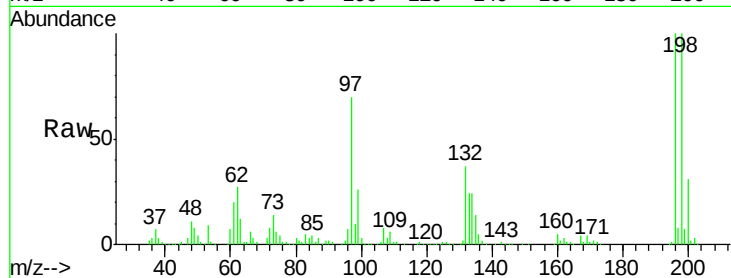
#43
 2,4,5-Trichlorophenol
 Concen: 24.02 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

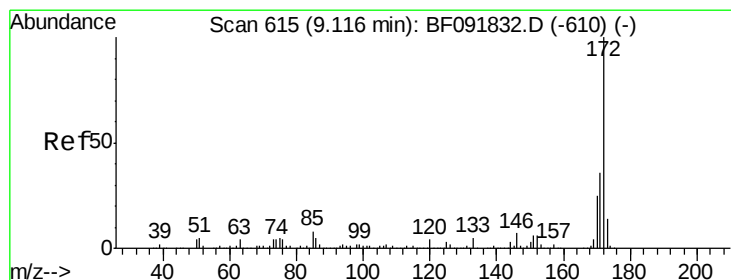
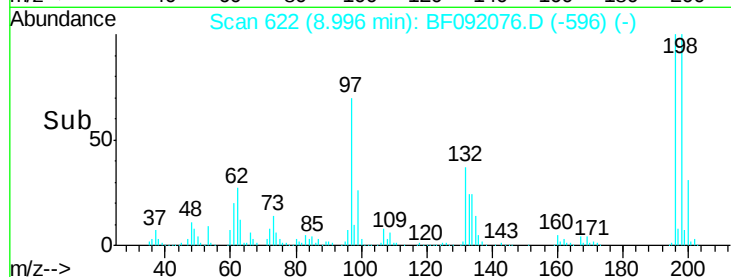
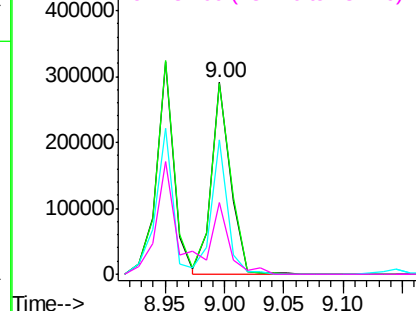
Tot Ion:	196	Resp:	323640
Ion Ratio	Lower	Upper	
196	100		
198	99.6	79.4	119.2
97	69.8	51.5	77.3
132	37.2	27.4	41.2

Manual Integrations
 APPROVED

Sohil
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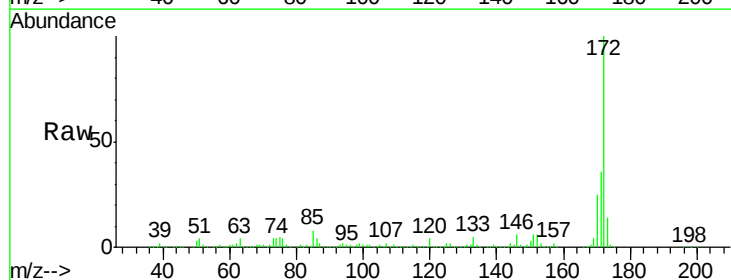


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

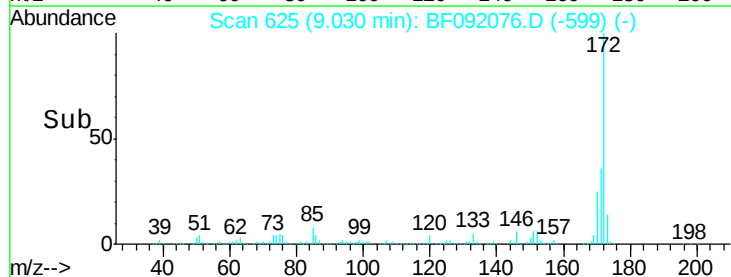
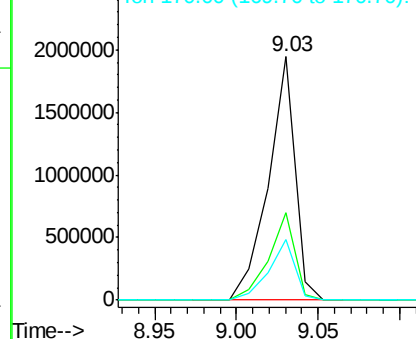


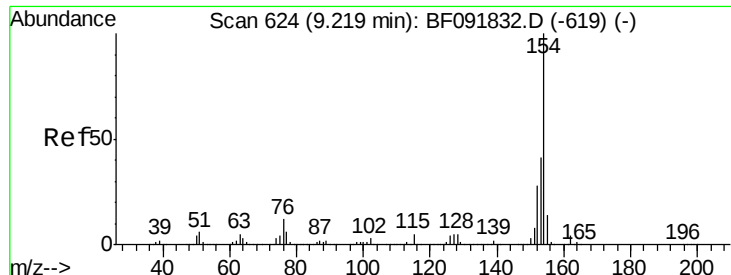
#44
 2-Fluorobiphenyl
 Concen: 57.23 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion:	172	Resp:	2221783
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.8	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 27.43 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

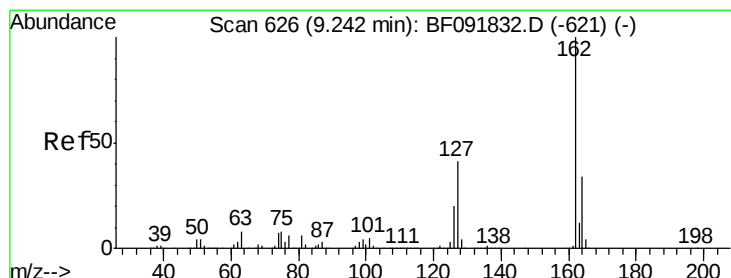
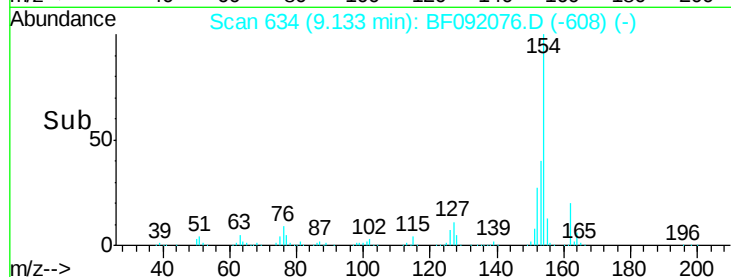
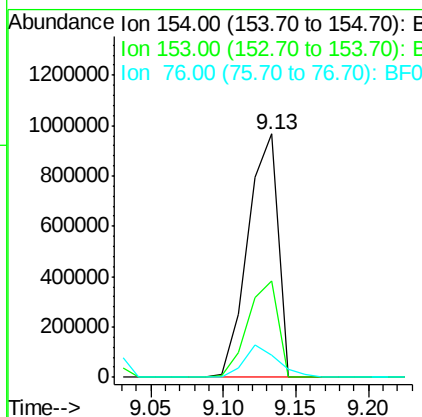
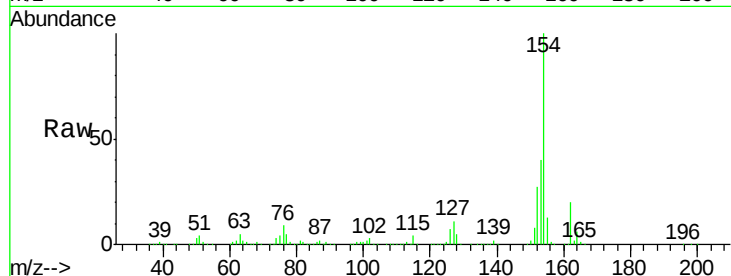
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion:154 Resp: 1391570

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.9	60.9
76	9.0	0.0	30.5

Manual Integrations
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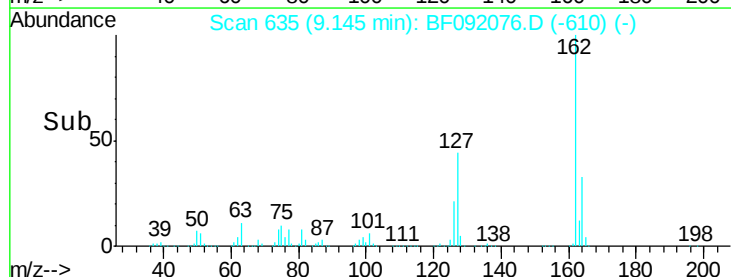
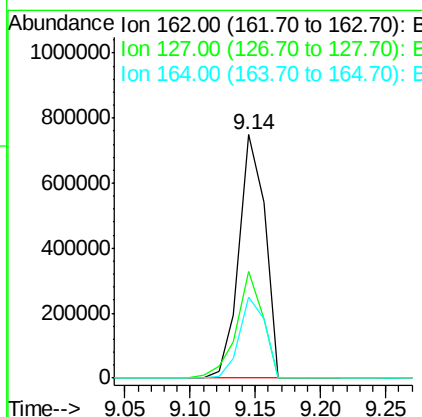
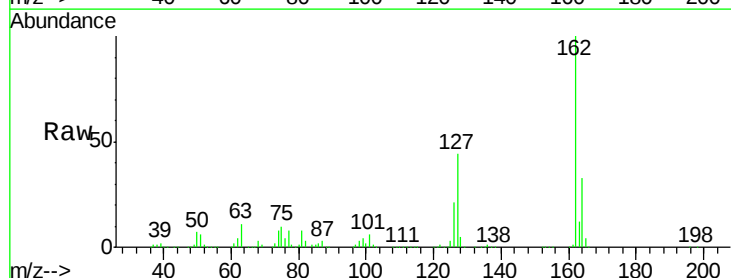
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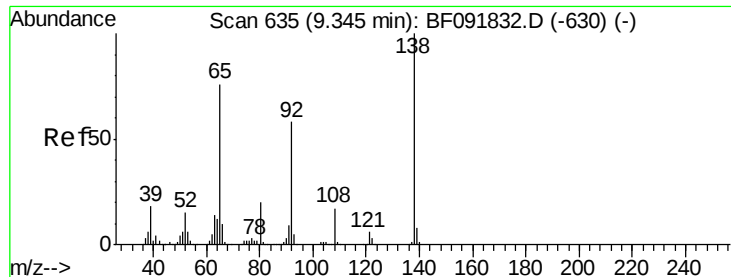


#46
 2-Chloronaphthalene
 Concen: 25.71 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion:162 Resp: 1032722

Ion	Ratio	Lower	Upper
162	100		
127	44.0	30.7	46.1
164	33.2	27.6	41.4





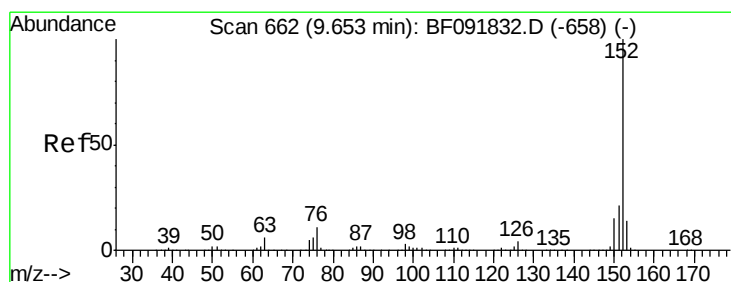
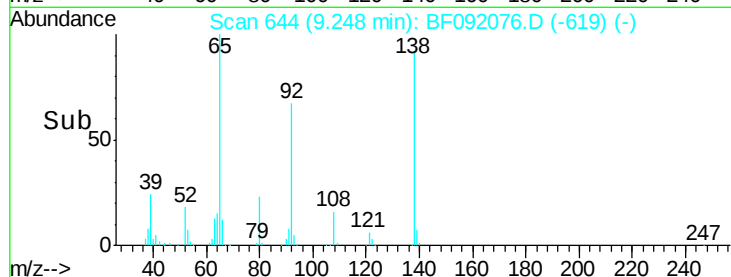
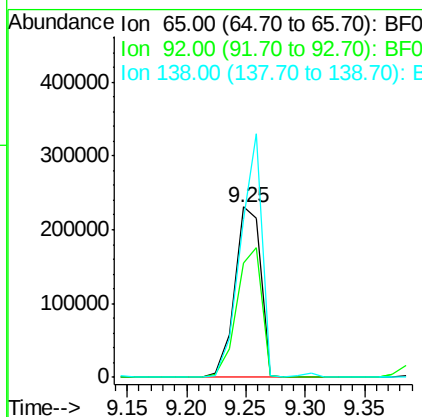
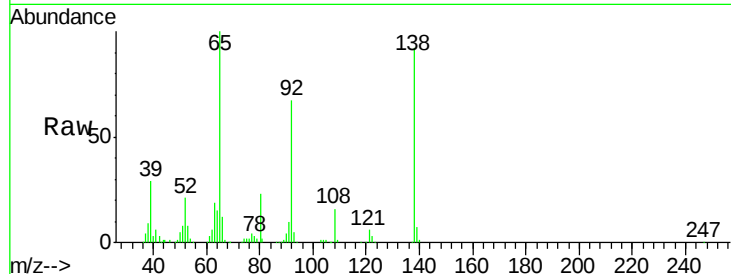
#47
2-Nitroaniline
Concen: 24.65 ng
RT: 9.25 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	92.3	76.8	115.2

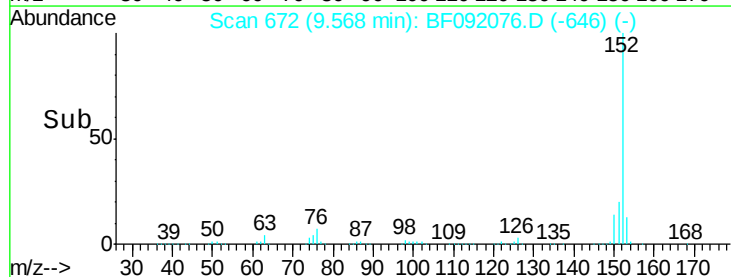
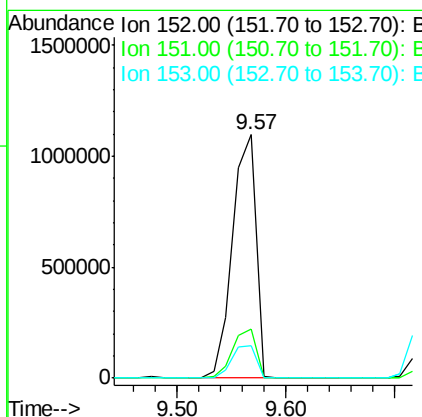
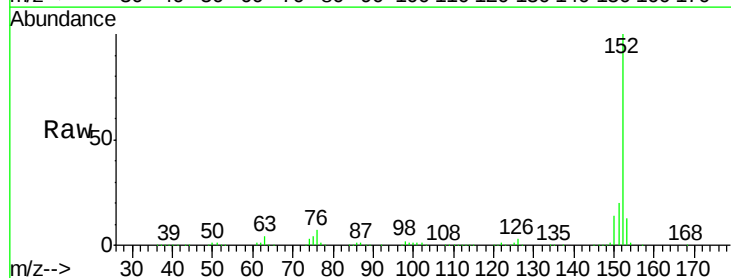
Manual Integrations
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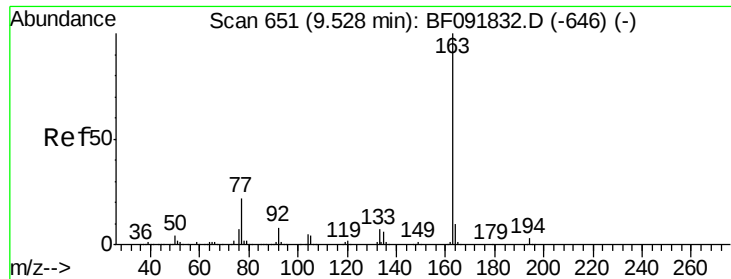
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#48
Acenaphthylene
Concen: 26.14 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.4	11.4	17.2





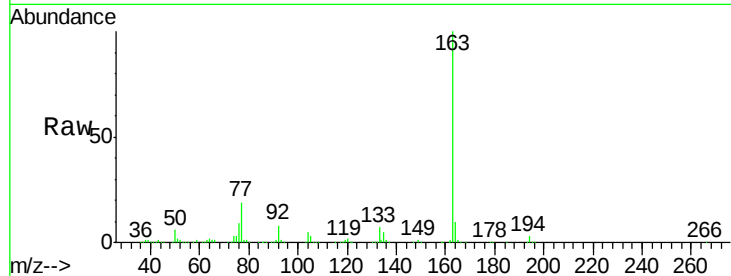
#49
Dimethylphthalate
Concen: 27.05 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

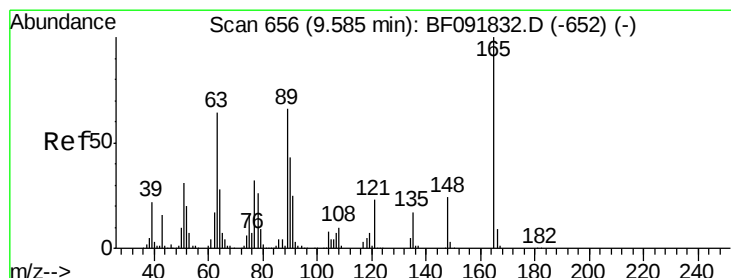
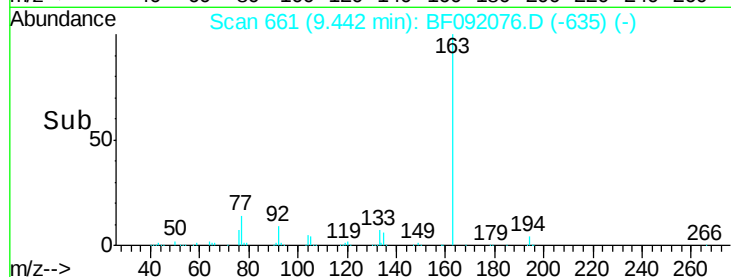
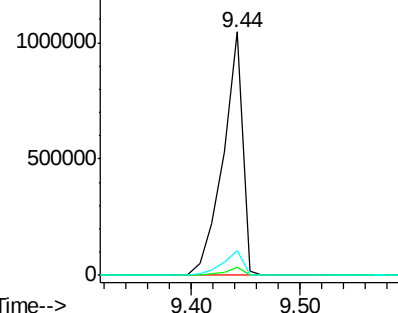
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0

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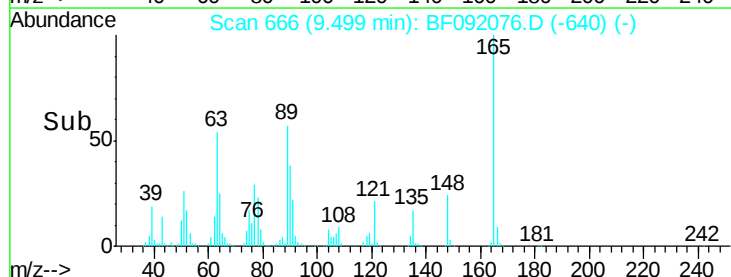
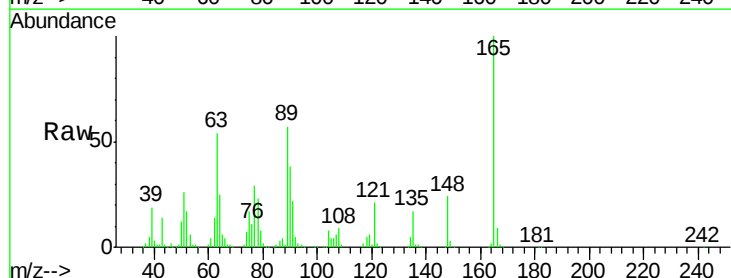
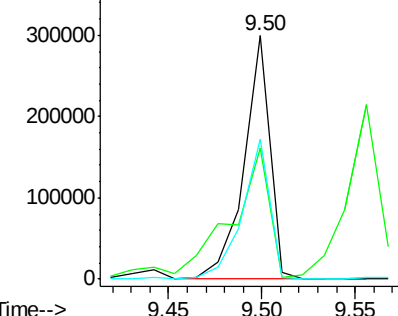
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

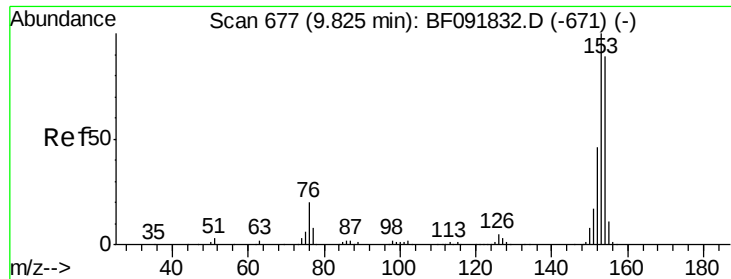


#50
2,6-Dinitrotoluene
Concen: 27.53 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.7	36.2	54.4
89	57.3	40.2	60.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 24.06 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tot Ion:154 Resp: 1007877

Ion Ratio Lower Upper

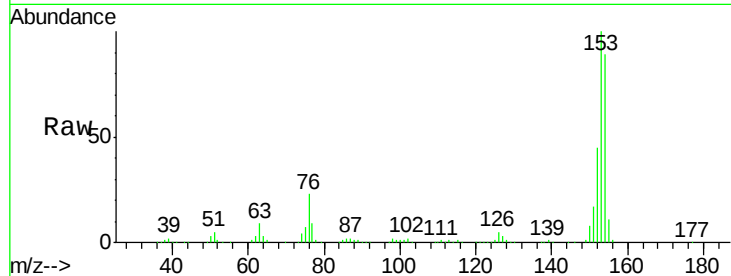
154 100

153 112.1 88.6 133.0

152 50.7 41.6 62.4

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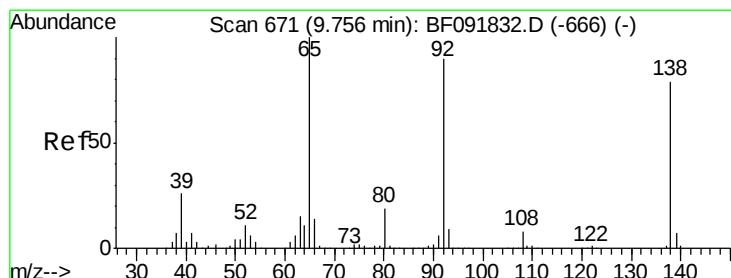
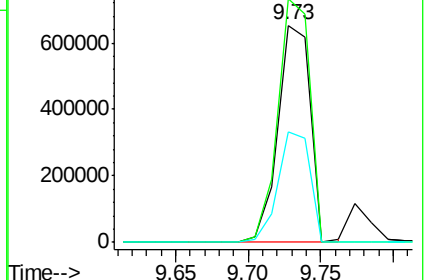
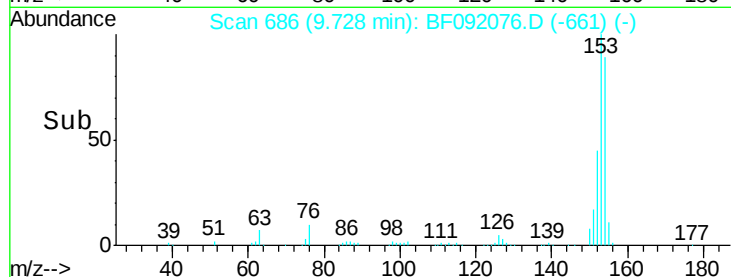
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.20 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

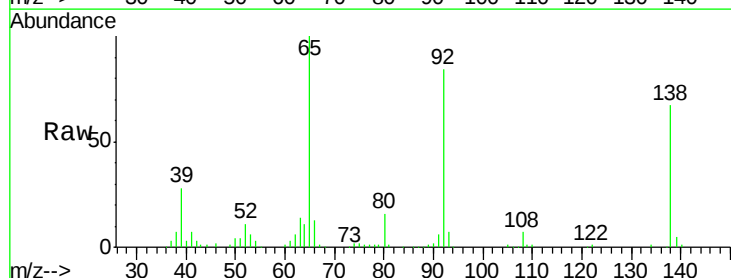
Tgt Ion:138 Resp: 130884

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

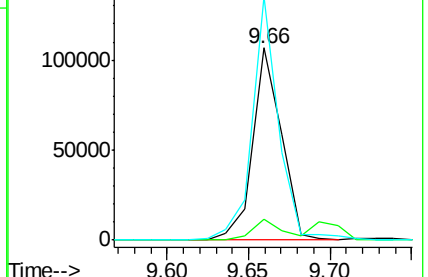
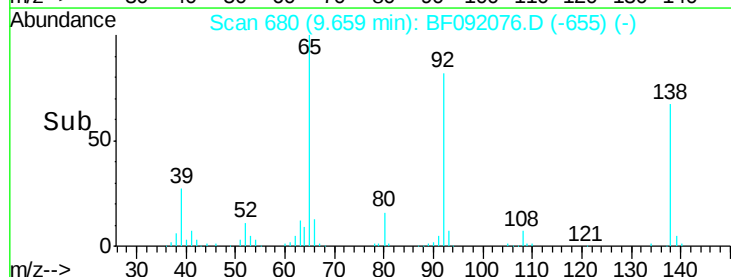
92 126.7 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





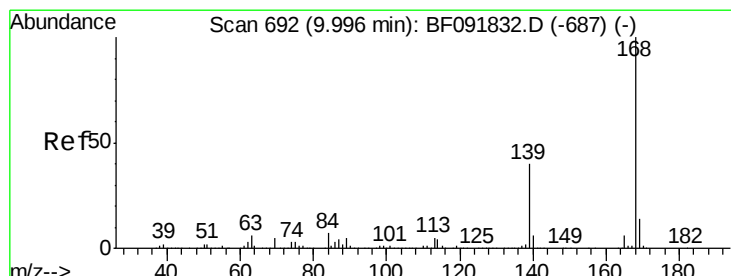
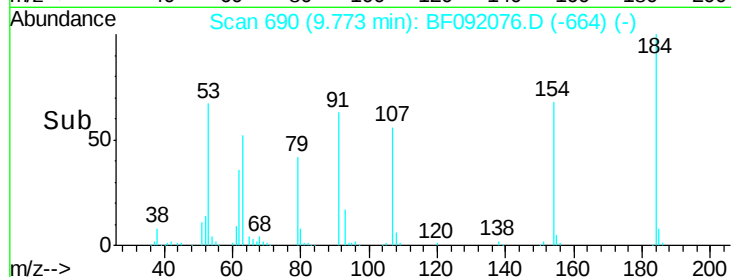
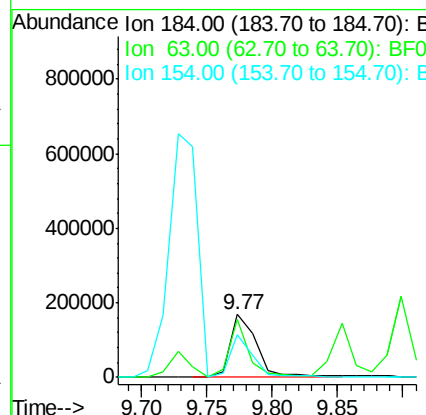
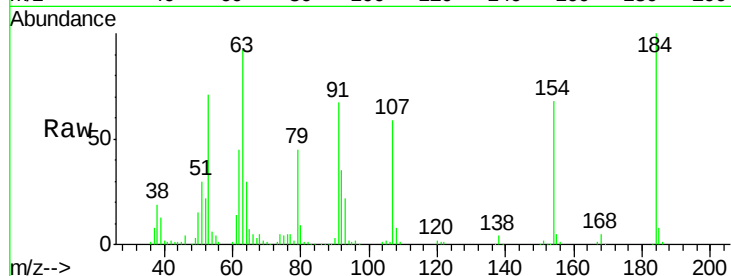
#53
2,4-Dinitrophenol
Concen: 40.84 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	235710		
63	92.0	28.4	42.6#	
154	68.2	44.3	66.5#	

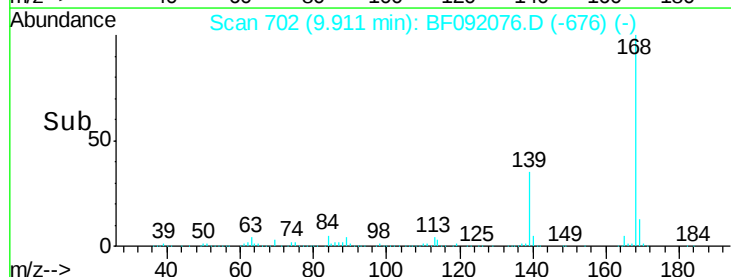
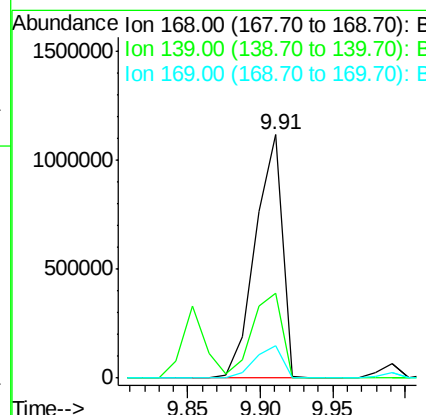
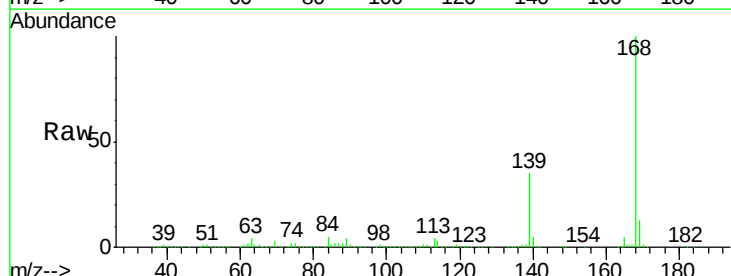
Manual Integrations
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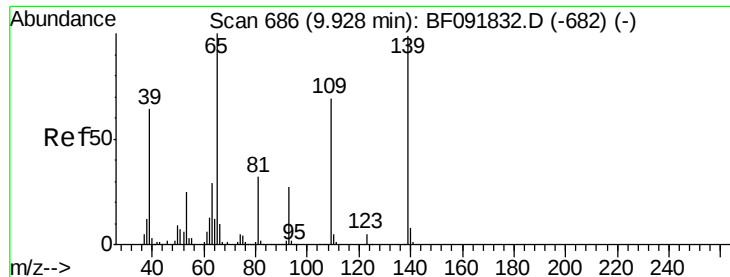
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#54
Dibenzofuran
Concen: 25.41 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1437516		
139	34.7	32.6	49.0	
169	13.1	11.3	16.9	





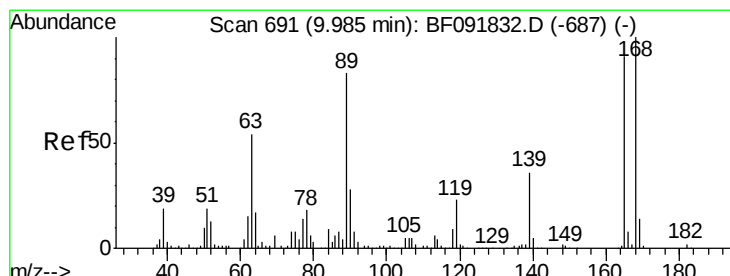
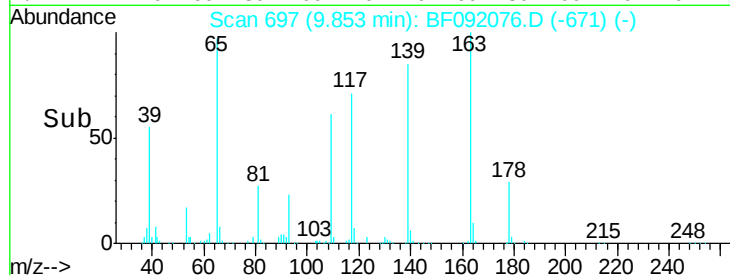
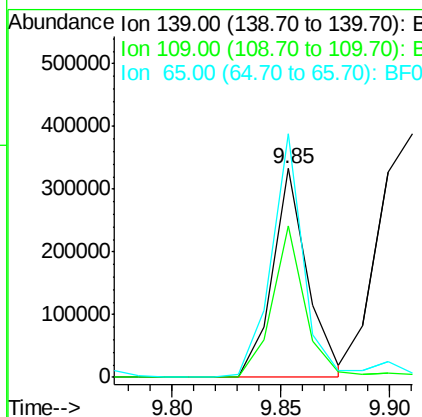
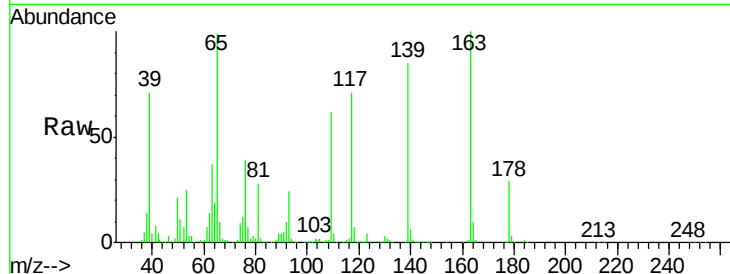
#55
4-Nitrophenol
Concen: 43.18 ng
RT: 9.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampled :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.6	52.2	92.2
65	116.7	85.8	125.8

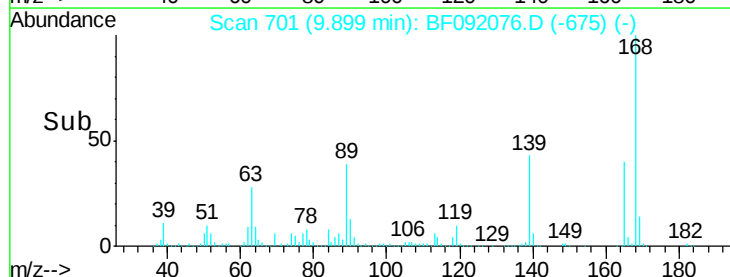
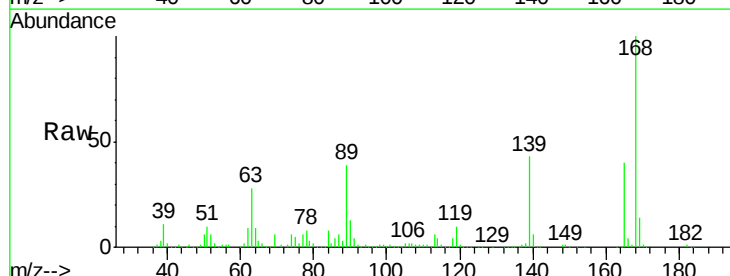
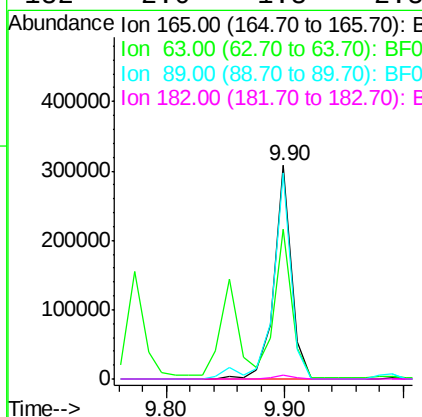
Manual Integrations
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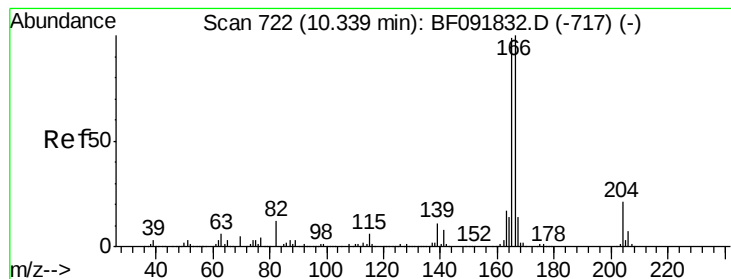
Sohil
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#56
2,4-Dinitrotoluene
Concen: 24.23 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.1	40.2	60.4#
89	96.2	62.5	93.7#
182	2.0	1.8	2.8





#57

Fluorene

Concen: 23.86 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

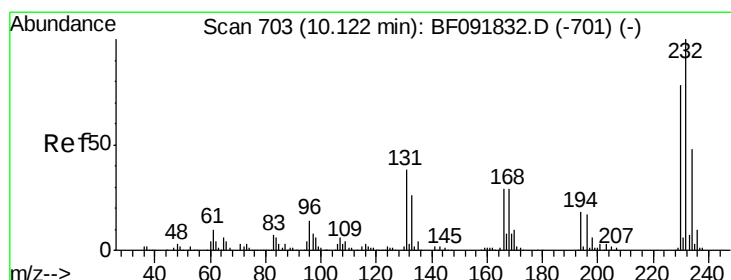
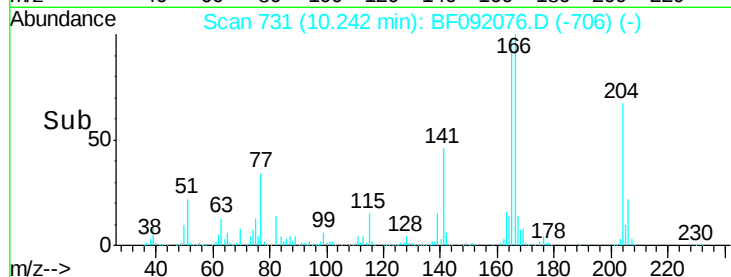
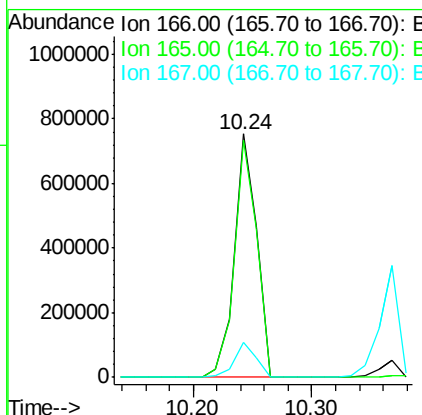
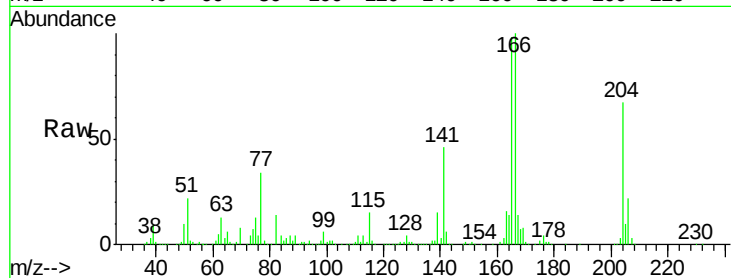
ClientSampleID :

PB95751BSD

Tot Ion:	166	Resp:	982047
Ion Ratio	Lower	Upper	
166	100		
165	97.5	77.8	116.8
167	14.1	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 26.95 ng m

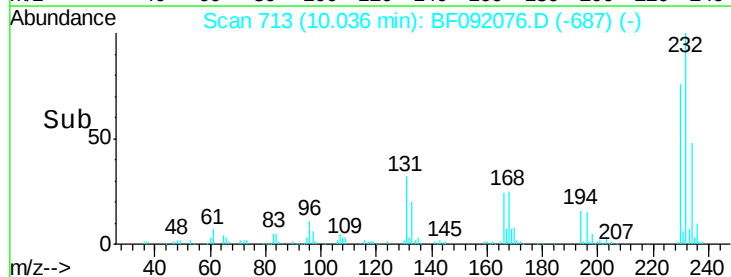
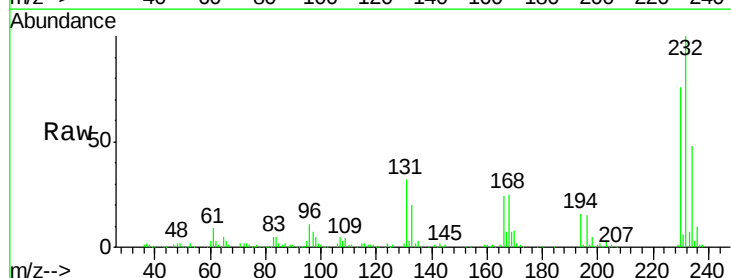
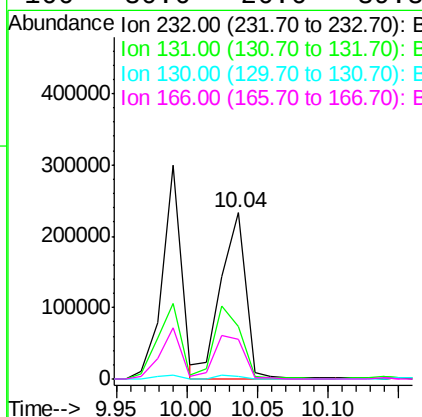
RT: 10.04 min Scan# 713

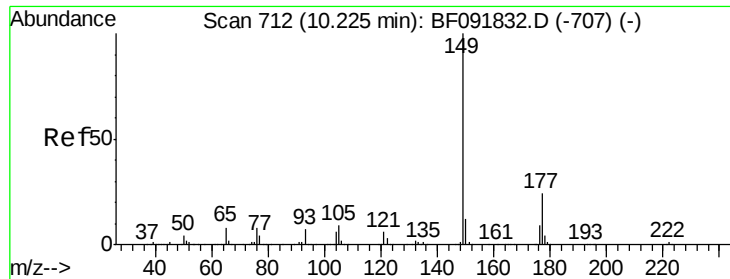
Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion:	232	Resp:	287139
Ion Ratio	Lower	Upper	
232	100		
131	47.3	40.1	60.1
130	2.0	1.8	2.8
166	30.6	26.6	39.8





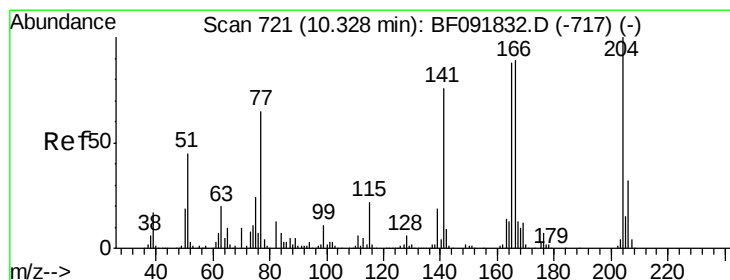
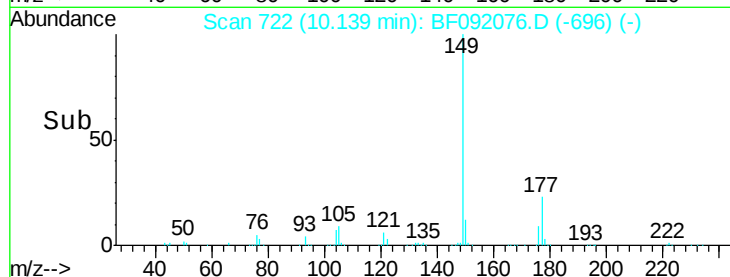
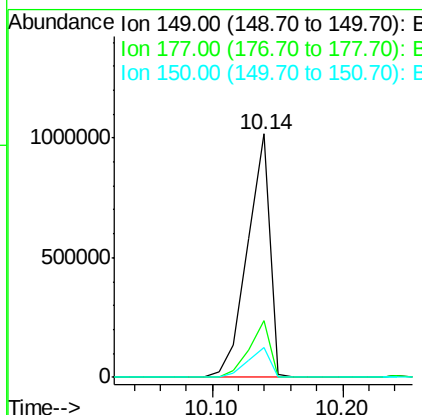
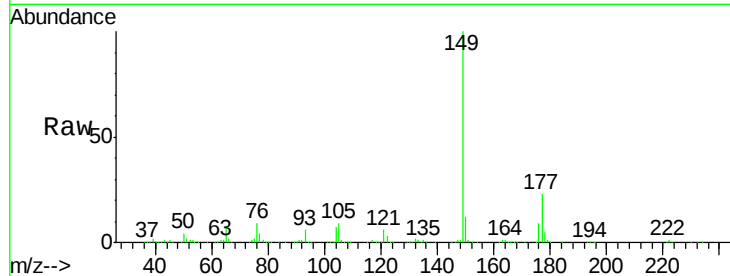
#59
Diethylphthalate
Concen: 26.33 ng
RT: 10.14 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampled :
PB95751BSD

Tot Ion:149 Resp: 1211591
Ion Ratio Lower Upper
149 100
177 23.2 16.6 25.0
150 12.4 10.4 15.6

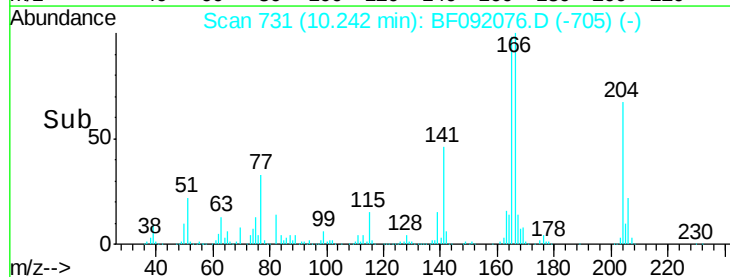
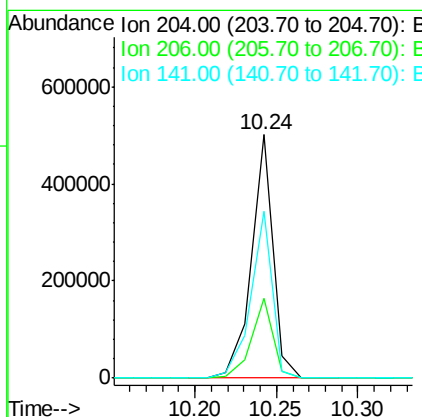
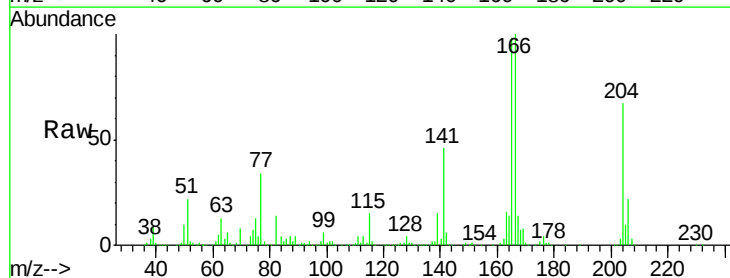
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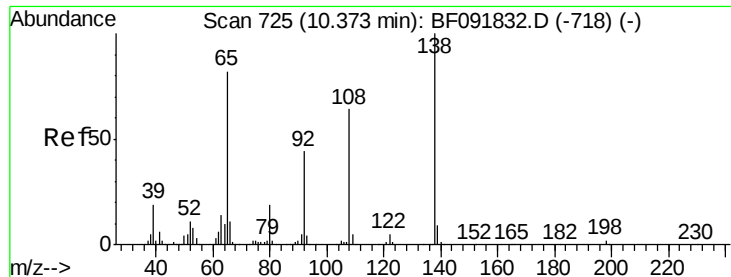
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#60
4-Chlorophenyl-phenylether
Concen: 25.54 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion:204 Resp: 460230
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 68.7 59.4 89.0





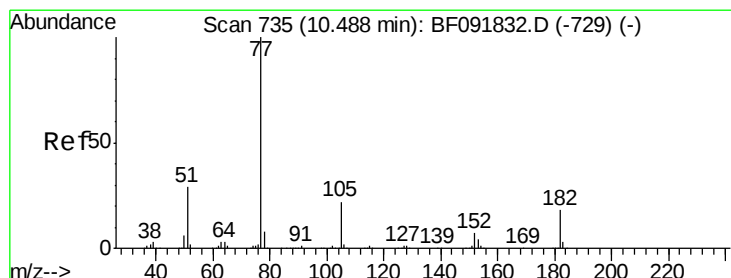
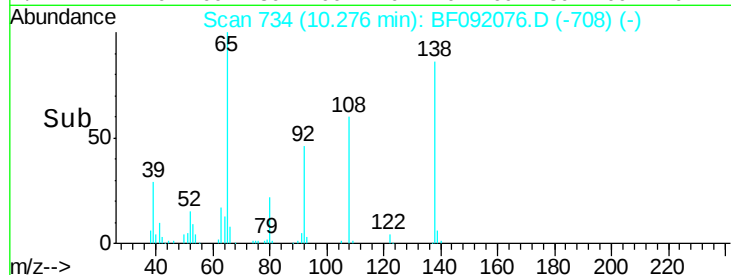
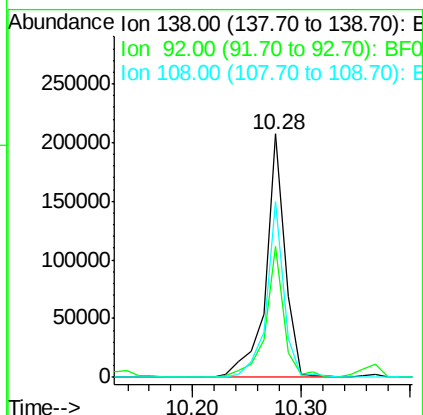
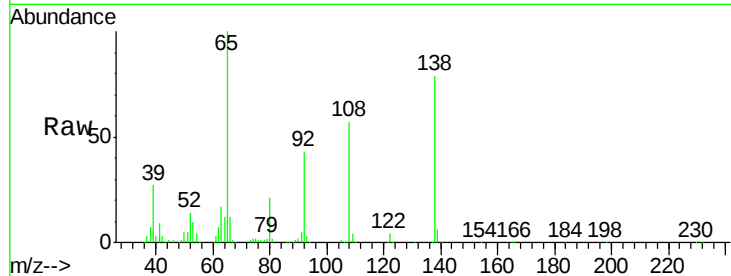
#61
4-Nitroaniline
Concen: 19.31 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.7	71.7
108	72.1	52.6	92.6

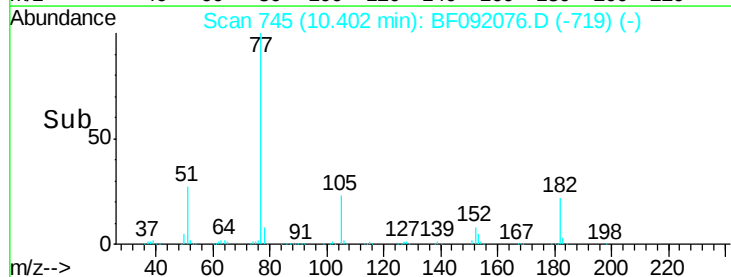
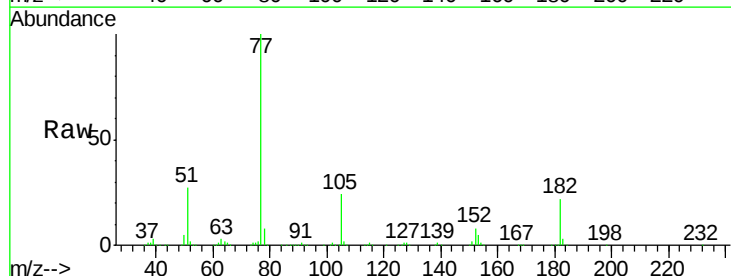
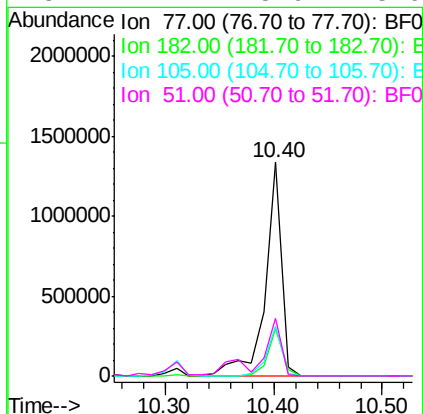
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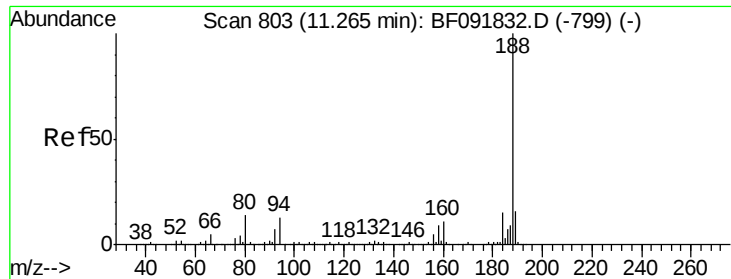
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#62
Azobenzene
Concen: 27.79 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.3
105	23.5	2.3	42.3
51	27.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

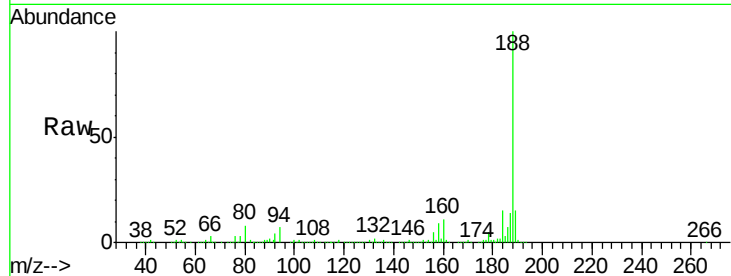
ClientSampleId :

PB95751BSD

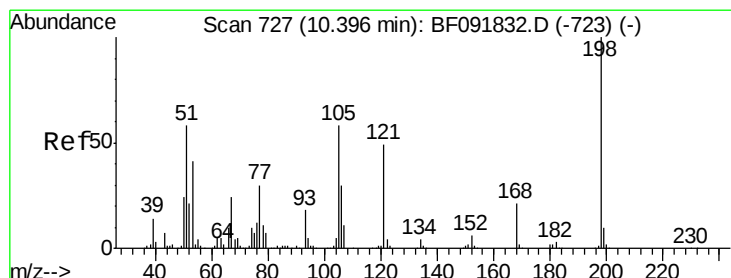
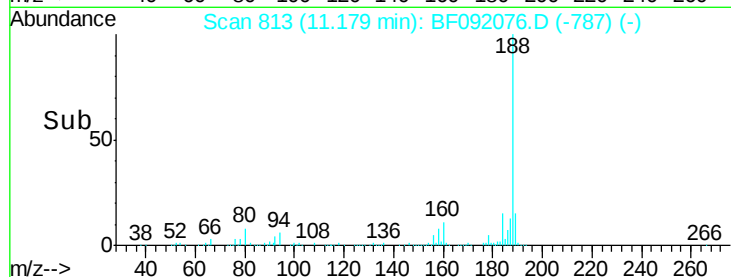
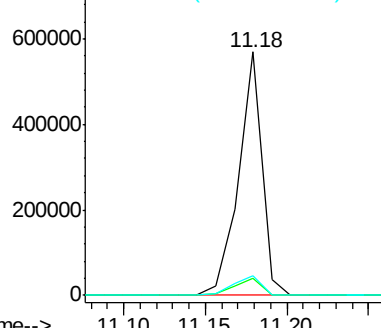
Tot Ion:188	Resp:	572474
Ion Ratio	Lower	Upper
188 100		
94 7.1	10.0	15.0#
80 7.9	11.2	16.8#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 55.93 ng

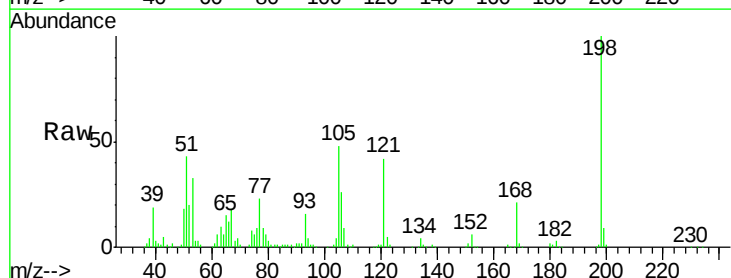
RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

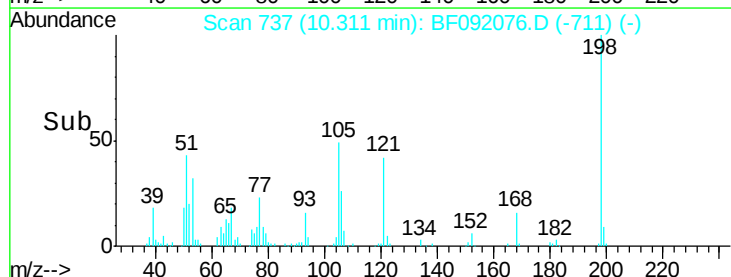
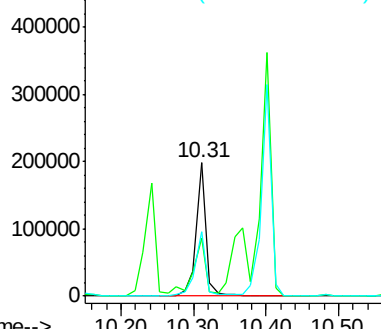
Lab File: BF092076.D

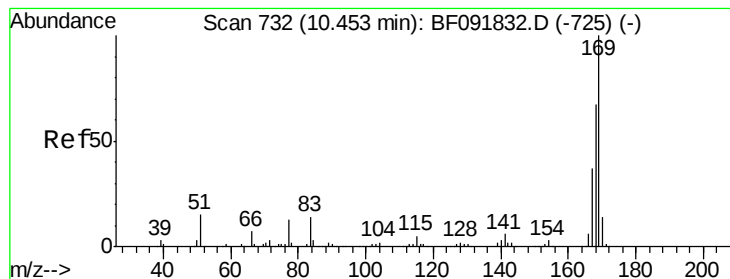
Acq: 4 Jan 2017 19:02

Tgt Ion:198	Resp:	193627
Ion Ratio	Lower	Upper
198 100		
51 43.2	6.7	46.7
105 48.5	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





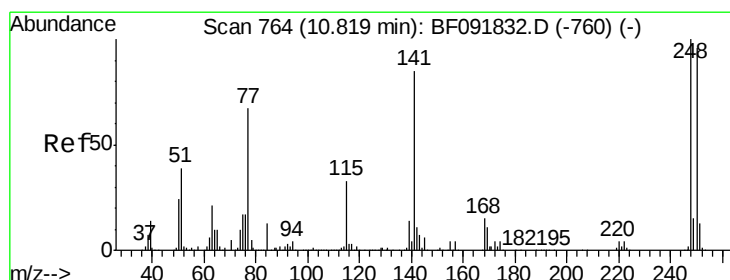
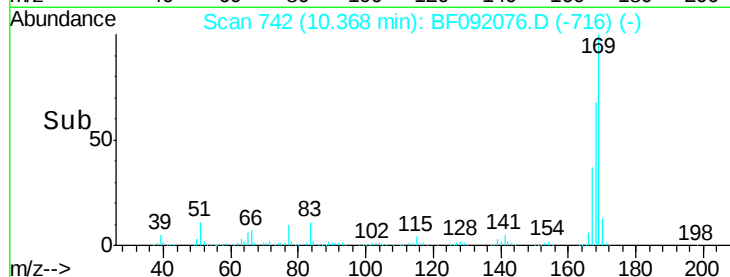
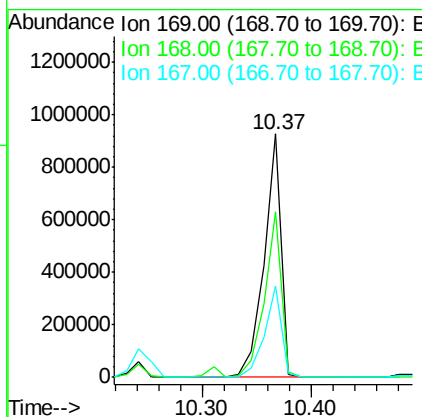
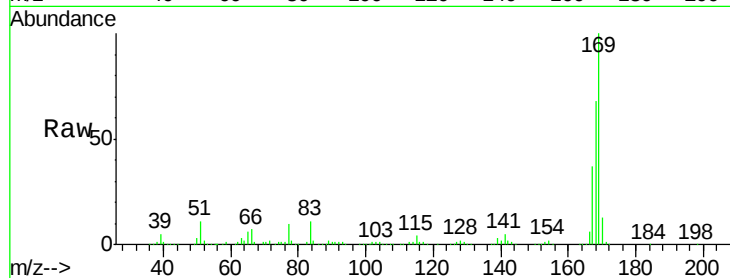
#65
n-Nitrosodiphenylamine
Concen: 59.64 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion:169 Resp: 1013175
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 37.3 30.2 45.4

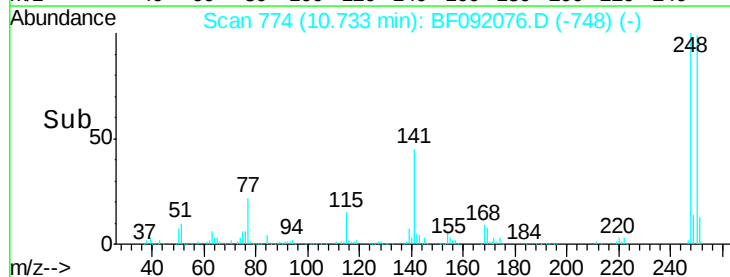
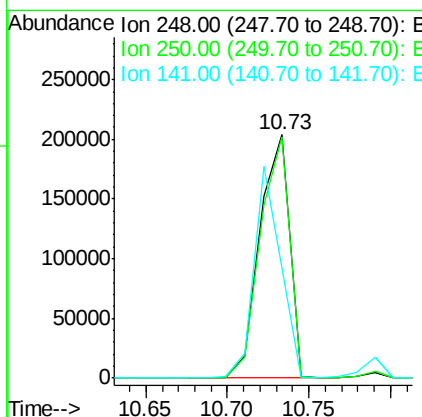
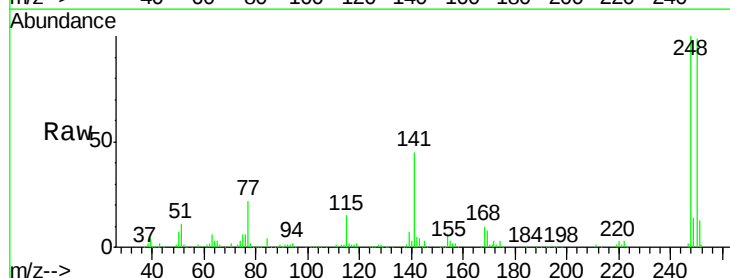
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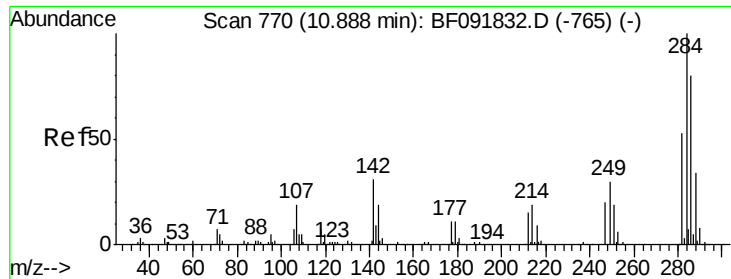
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#66
4-Bromophenyl-phenylether
Concen: 43.57 ng
RT: 10.73 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion:248 Resp: 259447
Ion Ratio Lower Upper
248 100
250 99.2 76.9 115.3
141 45.4 68.2 102.4#





#67

Hexachlorobenzene

Concen: 39.69 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

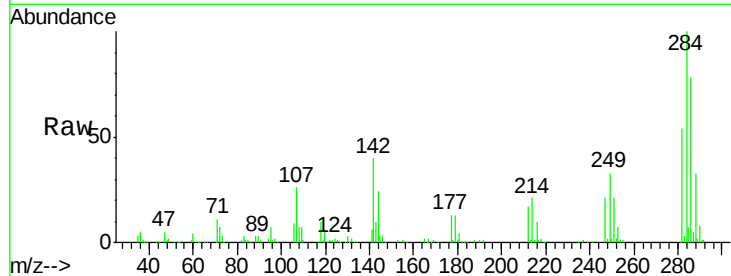
ClientSampleId :

PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	252656		
142	39.6	22.6	33.8#	
249	33.3	25.4	38.0	

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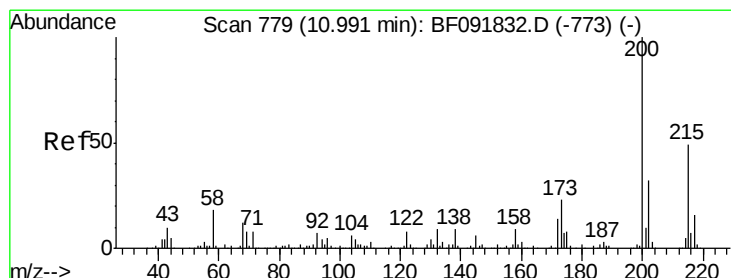
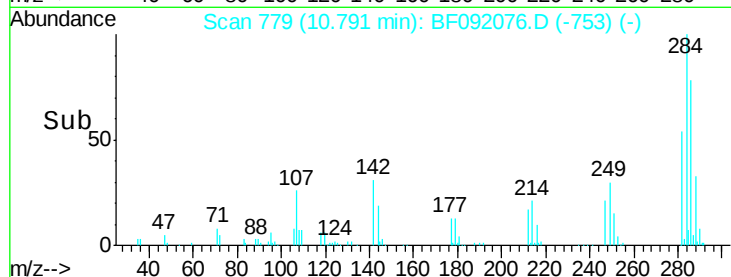
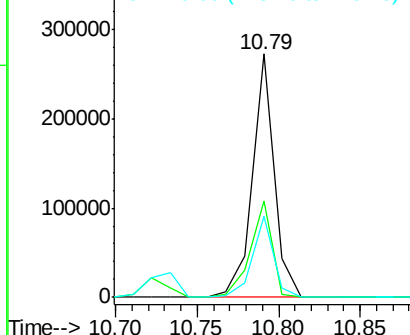
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.44 ng

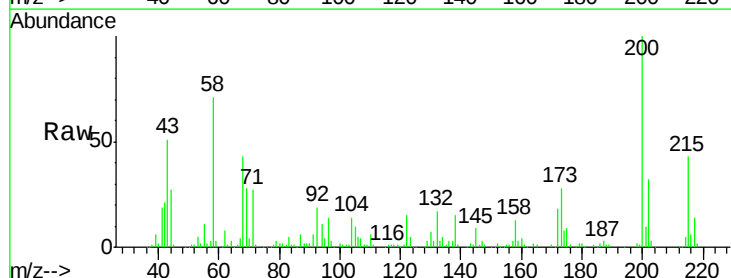
RT: 10.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

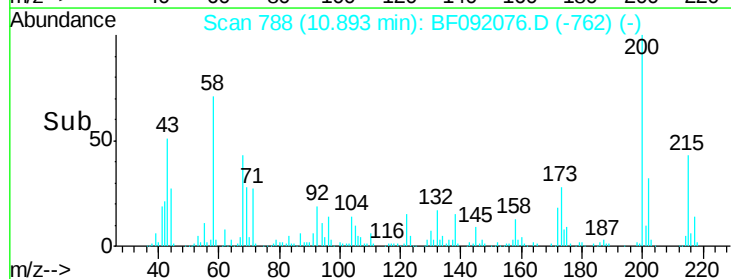
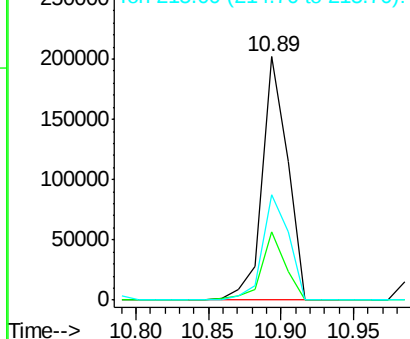
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243525		
173	28.2	9.6	49.6	
215	43.3	25.7	65.7	

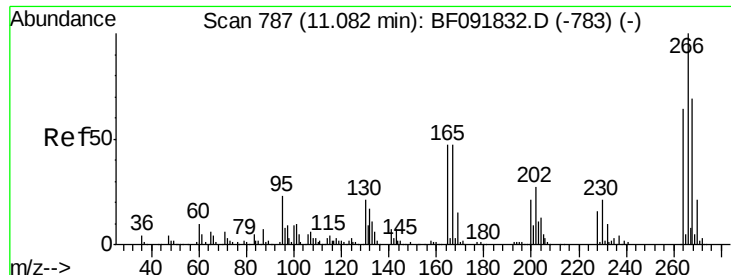


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





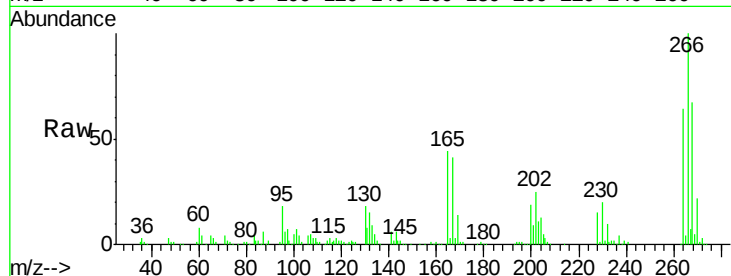
#69
 Pentachlorophenol
 Concen: 55.14 ng
 RT: 11.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

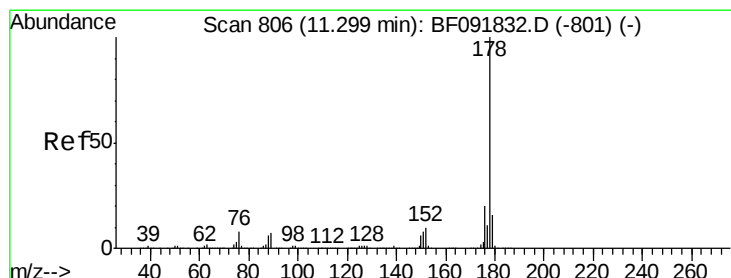
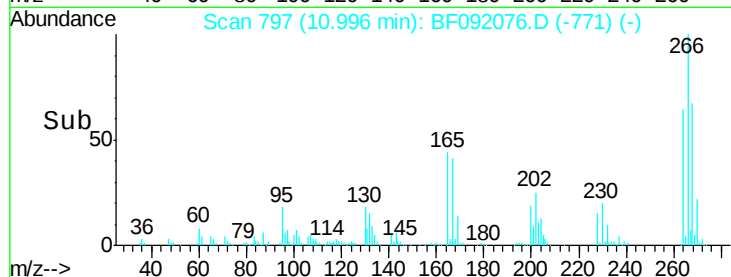
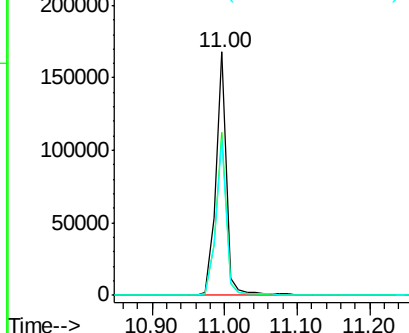
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	53.3	79.9
264	64.3	50.3	75.5

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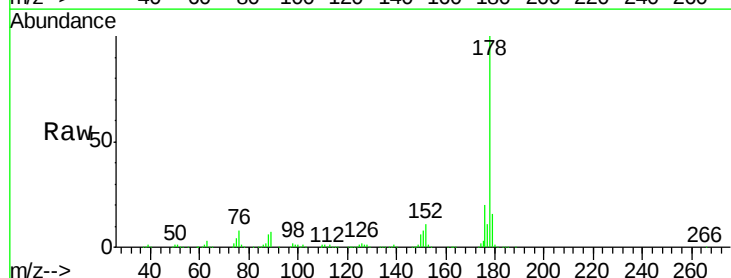


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

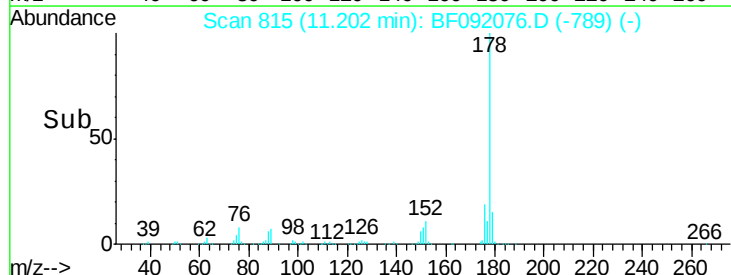
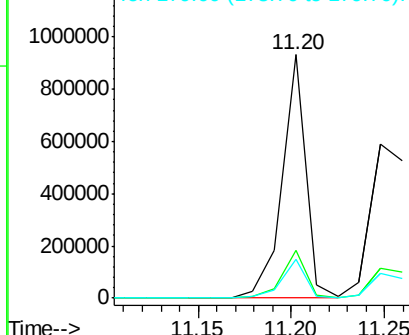


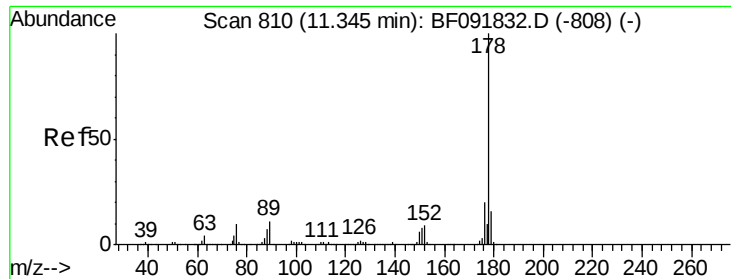
#70
 Phenanthrene
 Concen: 26.65 ng
 RT: 11.20 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.8	12.8	19.2



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





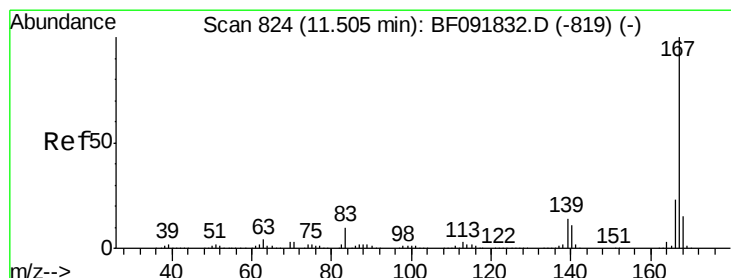
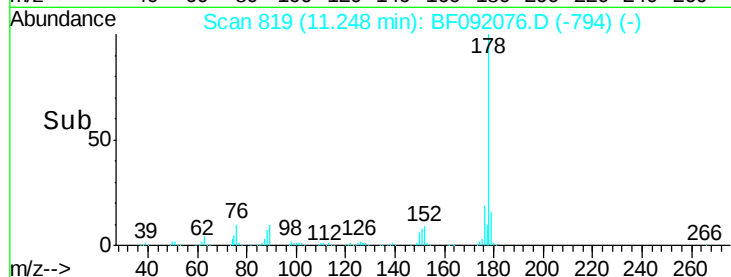
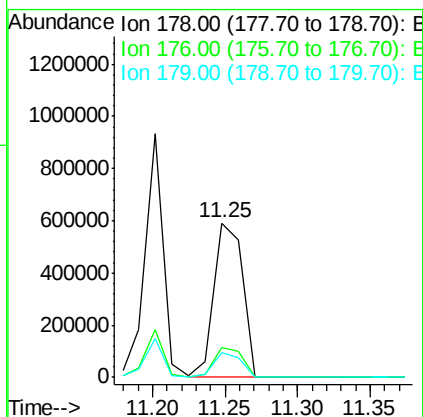
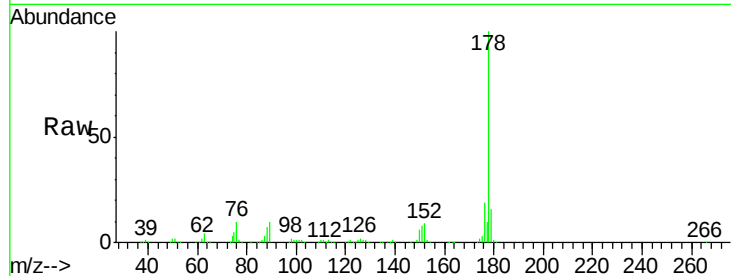
#71
 Anthracene
 Concen: 25.63 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.2	13.2	19.8

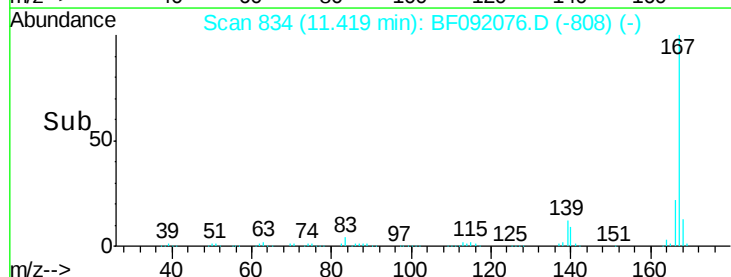
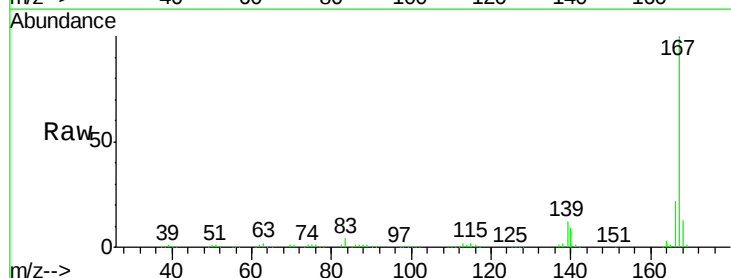
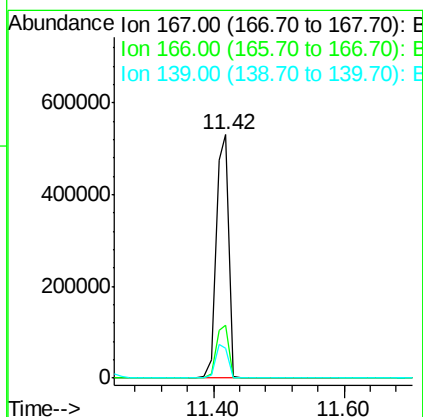
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#72
 Carbazole
 Concen: 23.55 ng
 RT: 11.42 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.1	11.4	17.2





#73

Di-n-butylphthalate

Concen: 29.44 ng

RT: 11.75 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

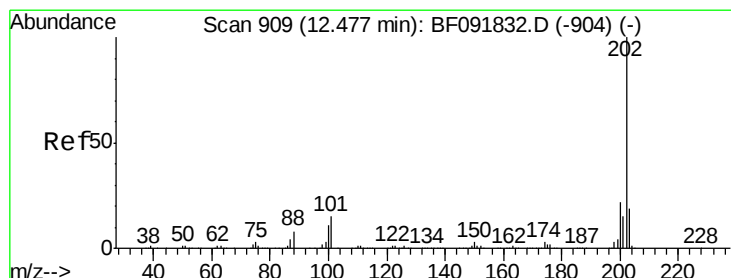
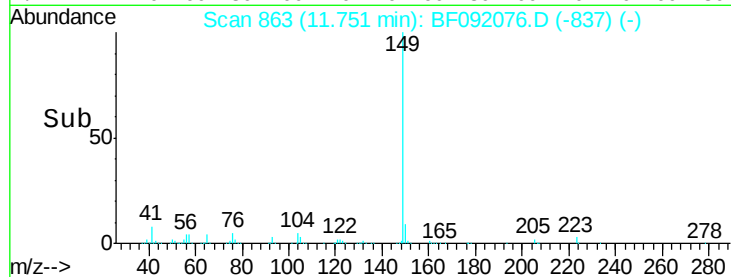
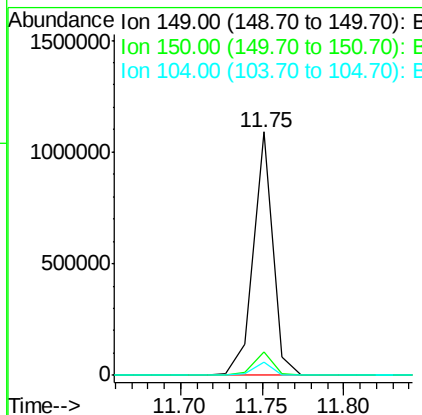
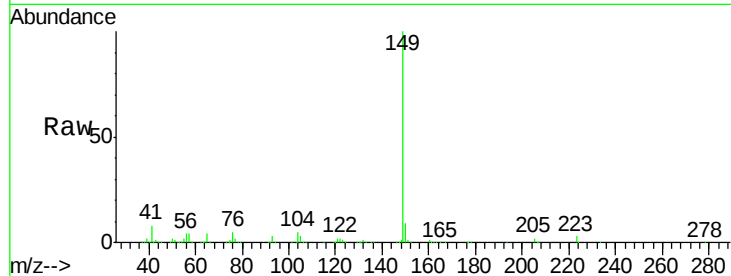
ClientSampled :

PB95751BSD

Tot Ion:	149	Resp:	907575
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	5.4	4.6	7.0

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#74

Fluoranthene

Concen: 27.45 ng

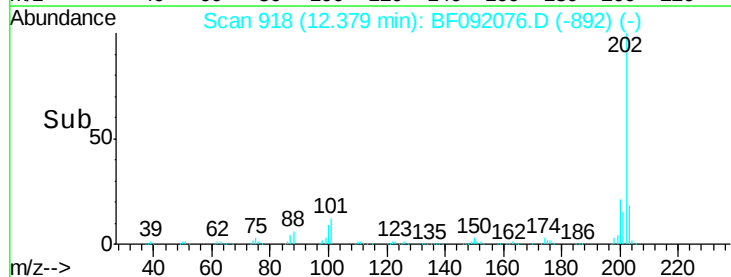
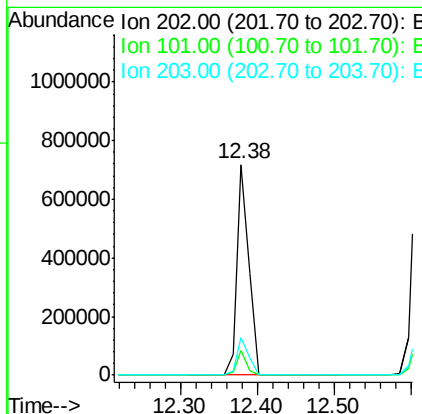
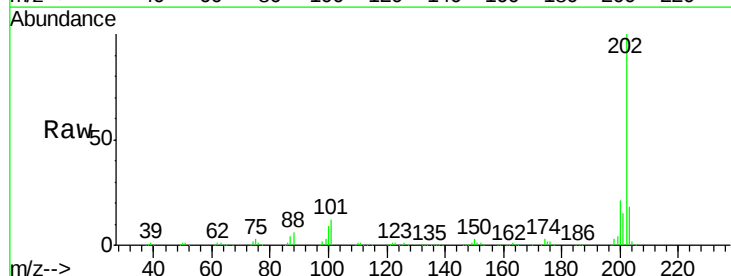
RT: 12.38 min Scan# 918

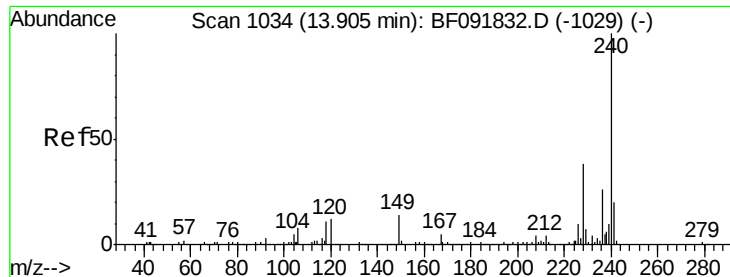
Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion:	202	Resp:	788174
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

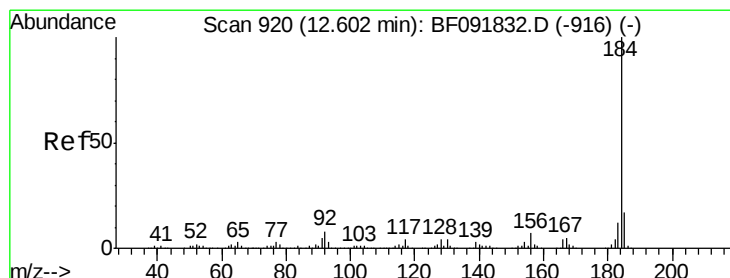
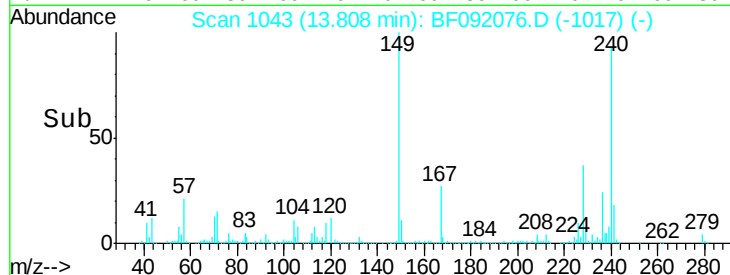
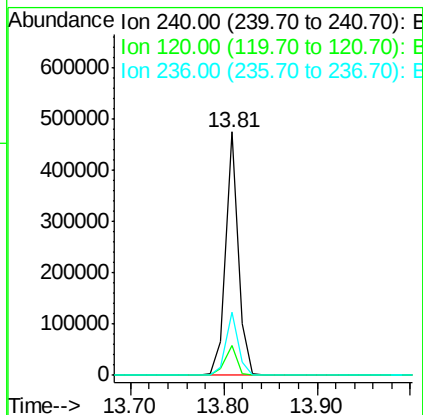
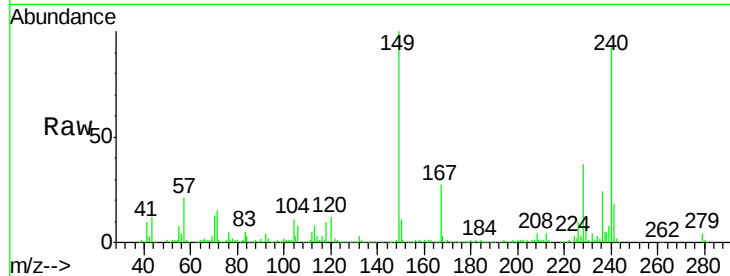
ClientSampleId :

PB95751BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.9	19.3#
236	25.7	20.9	31.3

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#76

Benzidine

Concen: 14.43 ng

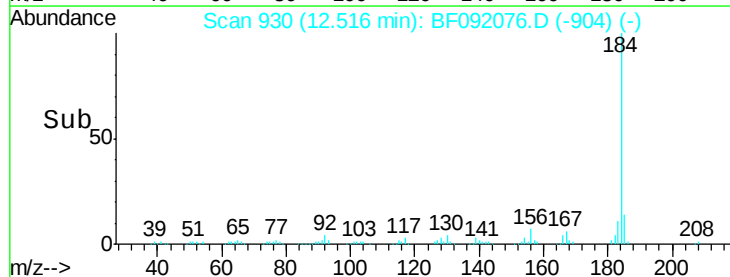
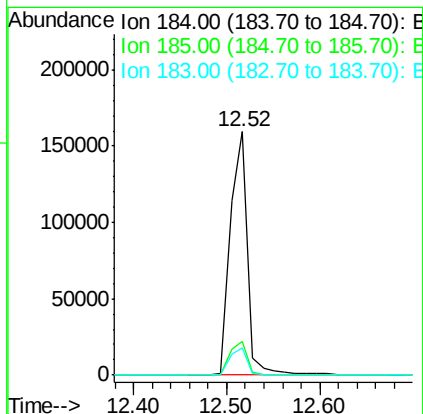
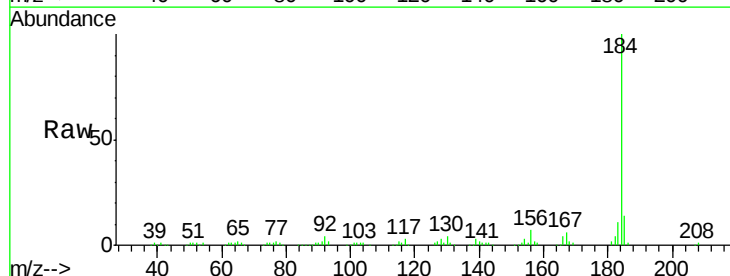
RT: 12.52 min Scan# 930

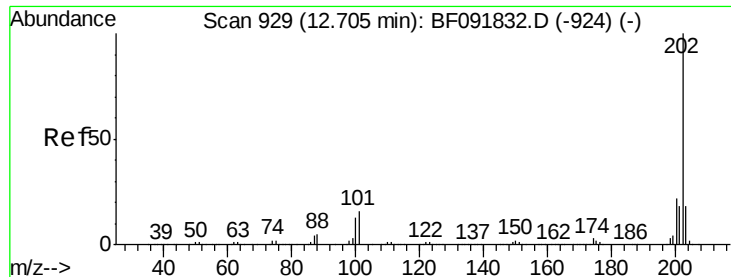
Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.4	20.0
183	11.4	9.2	13.8





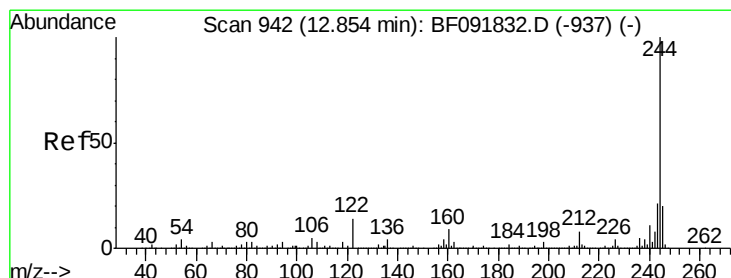
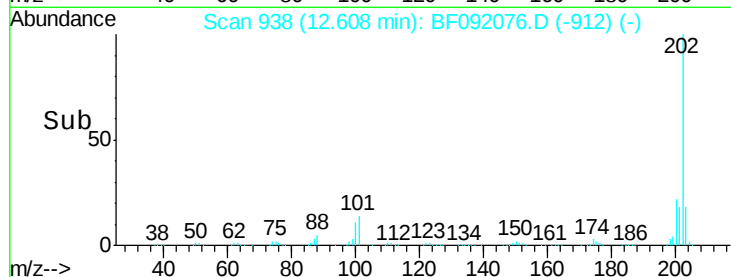
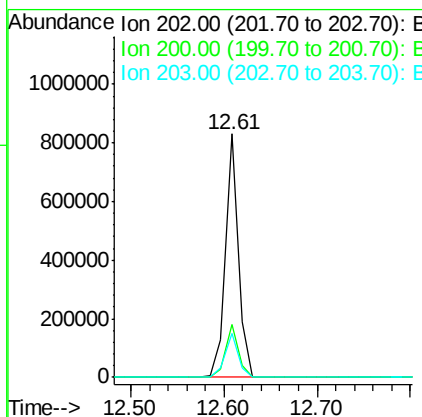
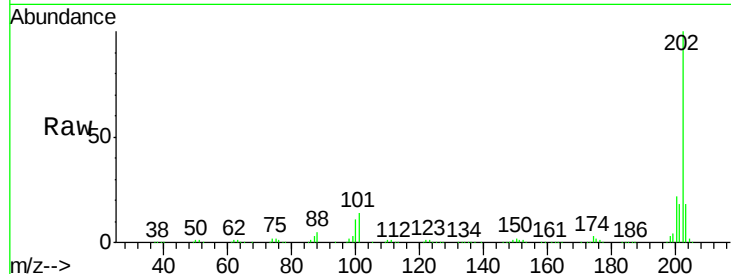
#77
Pvrene
Concen: 24.25 ng
RT: 12.61 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.8	14.7	22.1

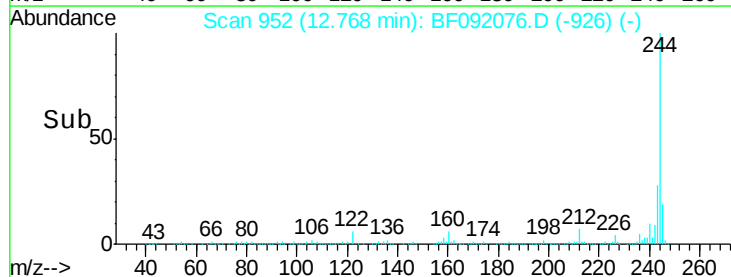
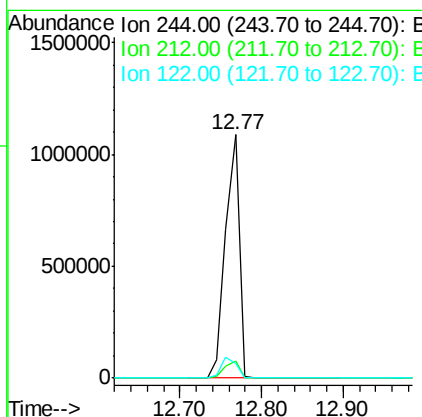
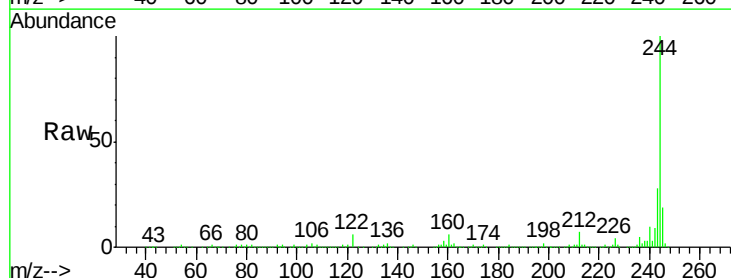
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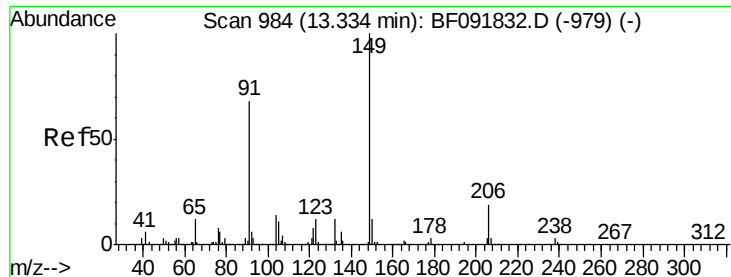
Sohil
1/5/2017 4:02:15 PM



#78
Terphenyl-d14
Concen: 68.91 ng
RT: 12.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	6.0	11.4	17.2#





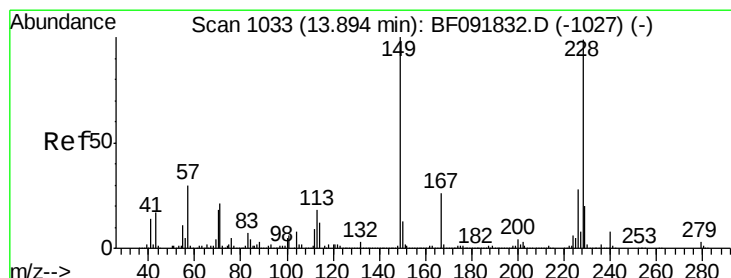
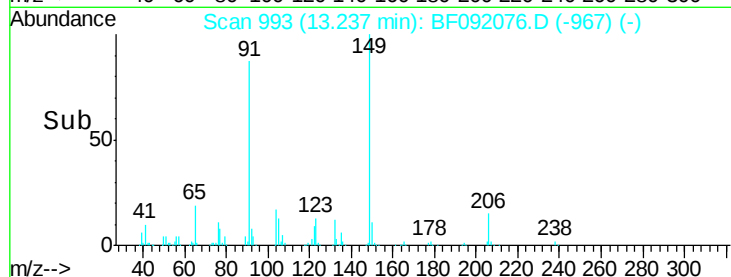
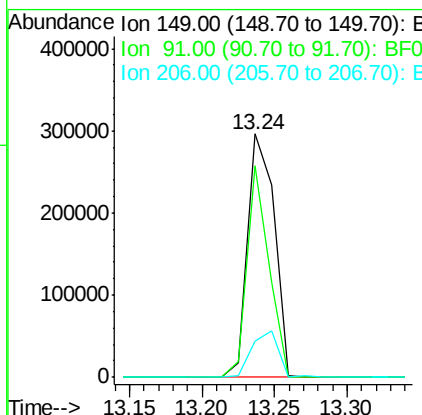
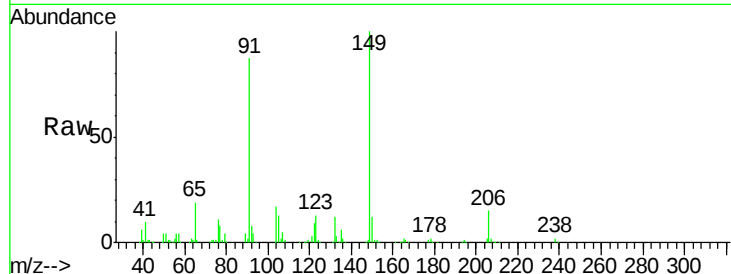
#79
Butylbenzylphthalate
Concen: 25.27 ng
RT: 13.24 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.7	63.9	95.9
206	15.1	14.6	21.8

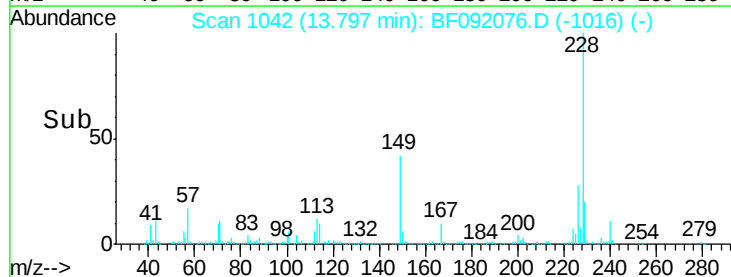
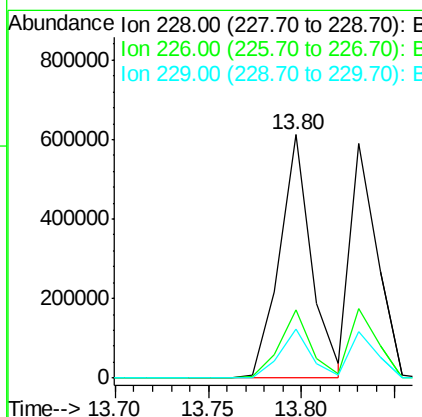
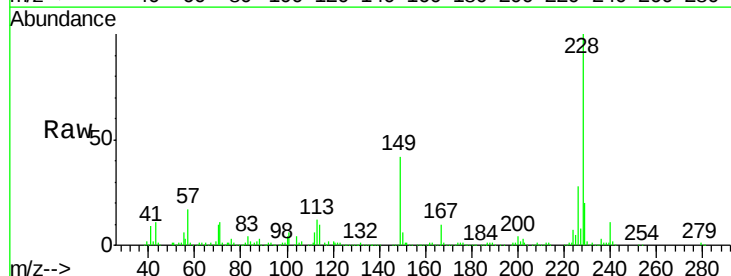
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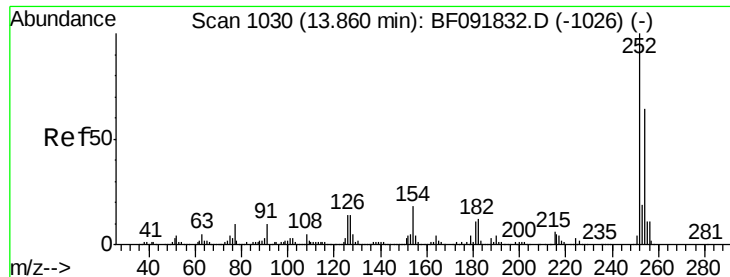
Sohil
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#80
Benzo(a)anthracene
Concen: 28.72 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.2	16.2	24.4





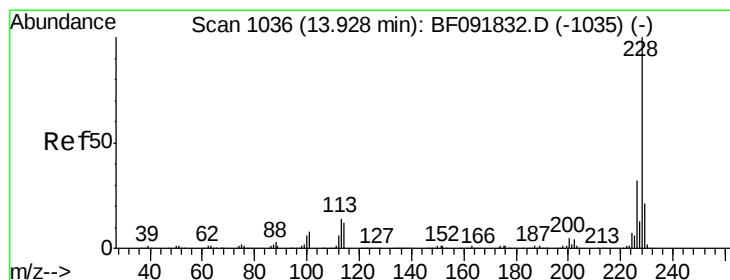
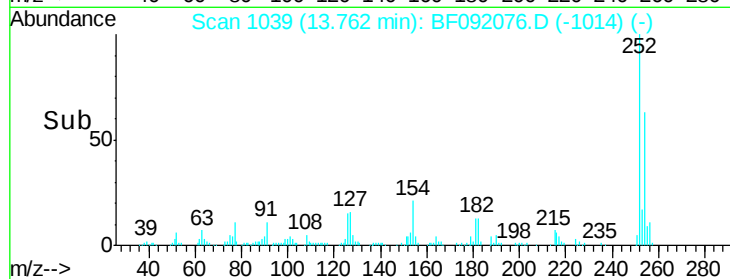
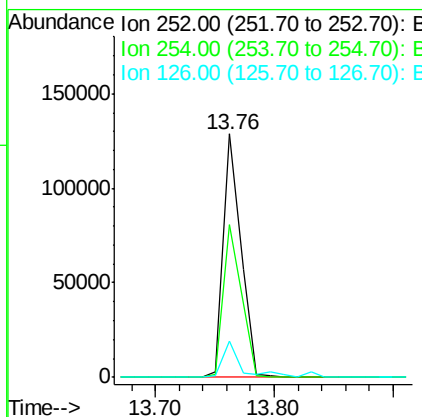
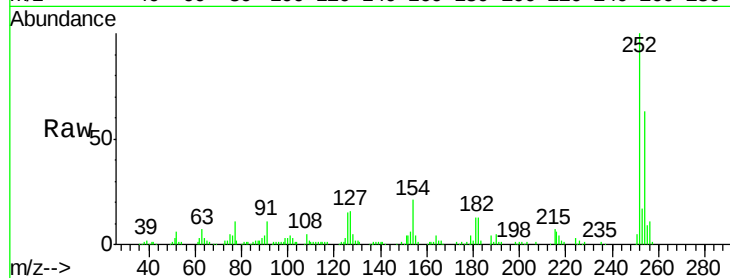
#81
 3,3'-Dichlorobenzidine
 Concen: 13.75 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.3	78.5
126	15.1	13.6	20.4

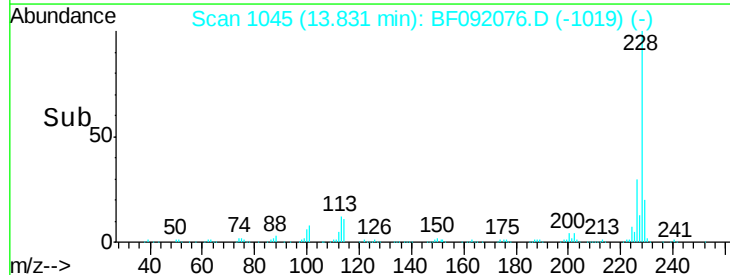
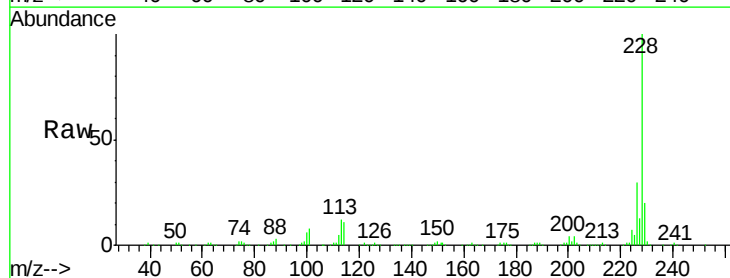
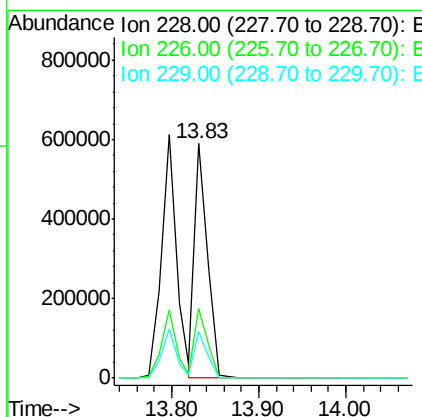
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#82
 Chrysene
 Concen: 23.73 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.0
229	19.9	16.2	24.2





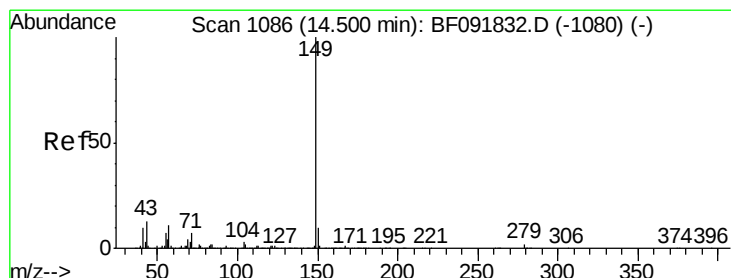
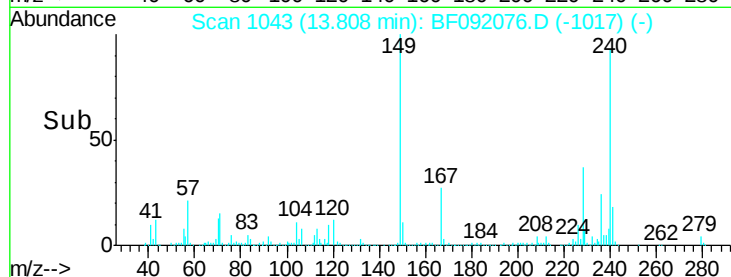
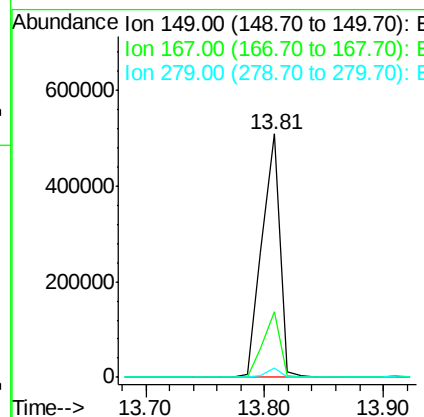
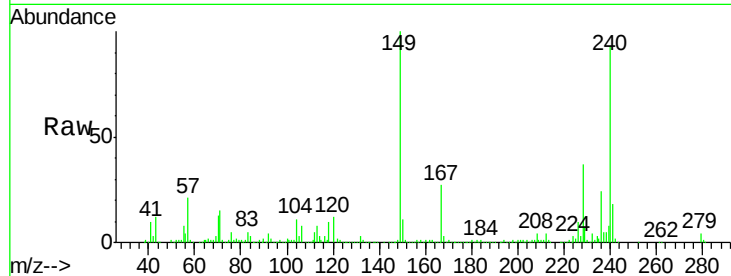
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.89 ng
RT: 13.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	543586		
167	26.9	20.2	30.4	
279	3.6	1.8	2.8#	

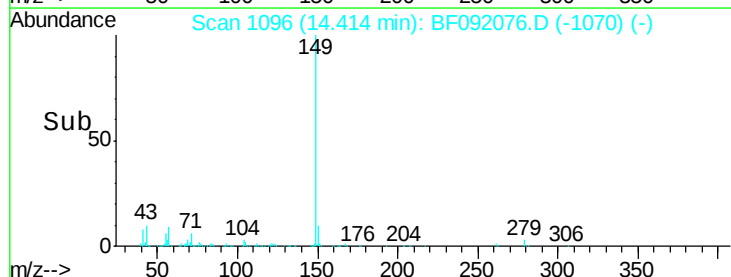
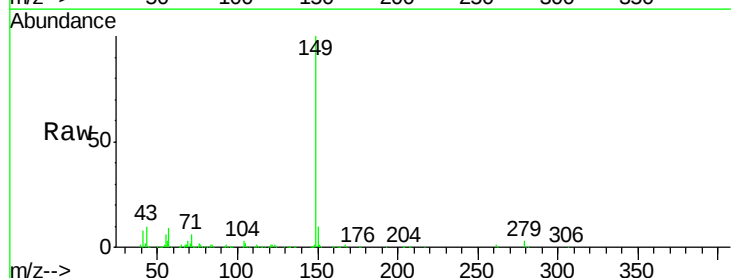
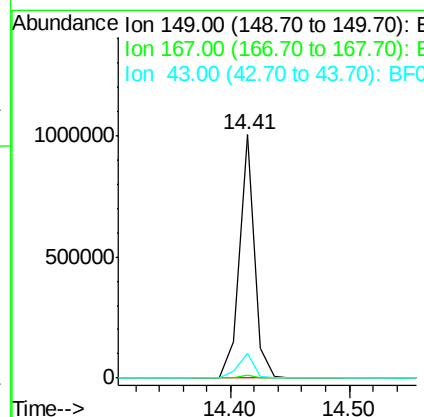
Manual Integrations
APPROVED

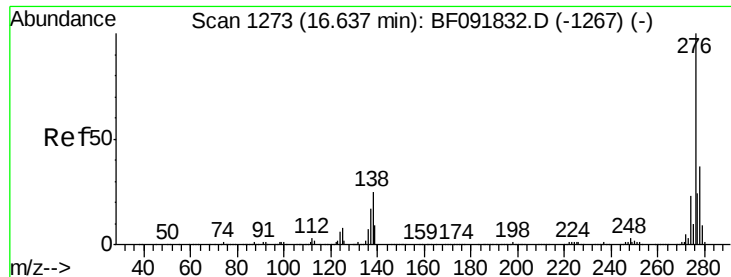
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#84
Di-n-octyl phthalate
Concen: 27.06 ng
RT: 14.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	882275		
167	1.5	1.3	1.9	
43	10.8	8.9	13.3	





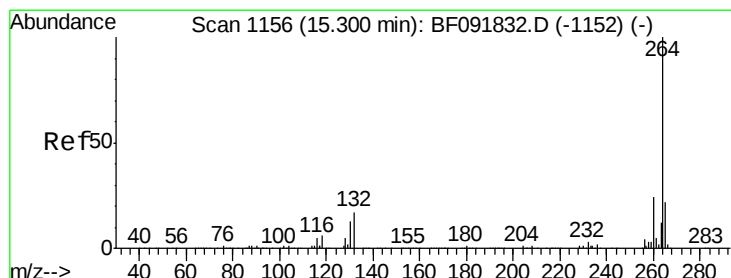
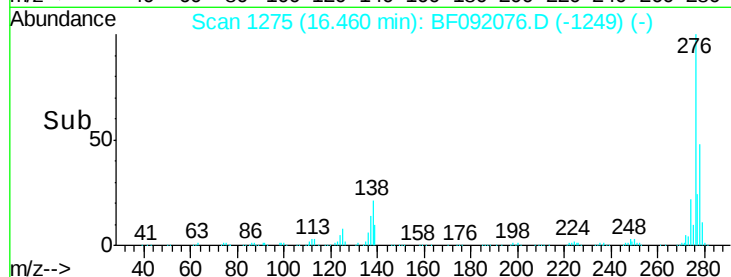
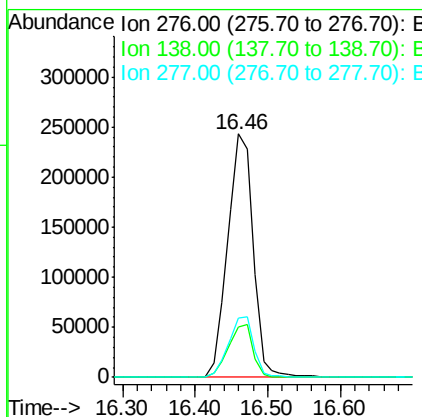
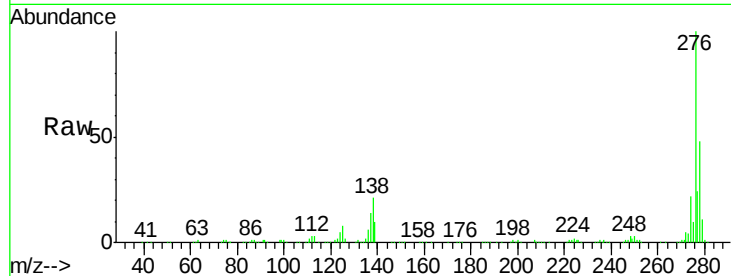
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.14 ng
RT: 16.46 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.8	32.6#
277	24.6	20.2	30.4

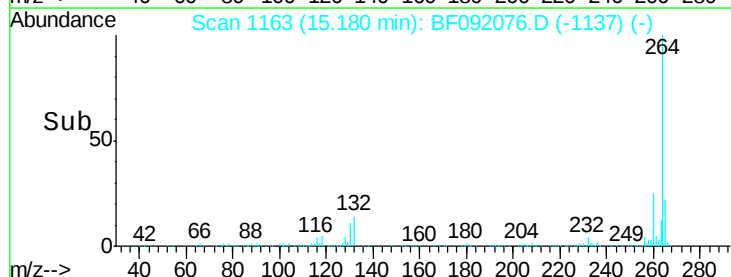
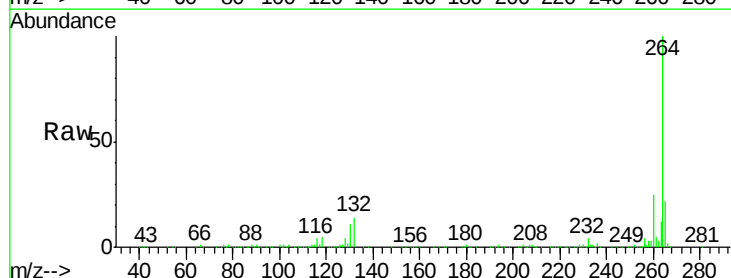
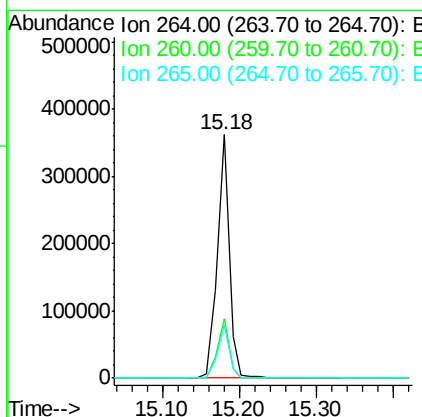
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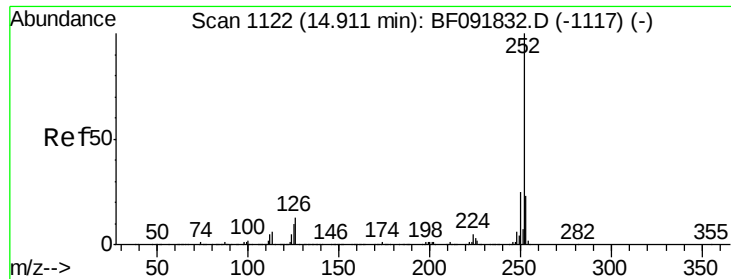
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 25.82 ng m

RT: 14.80 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Instrument :

BNA_F

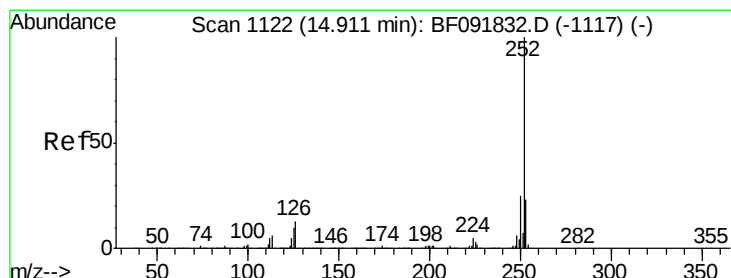
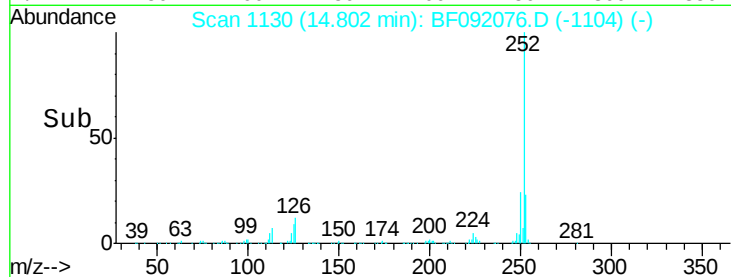
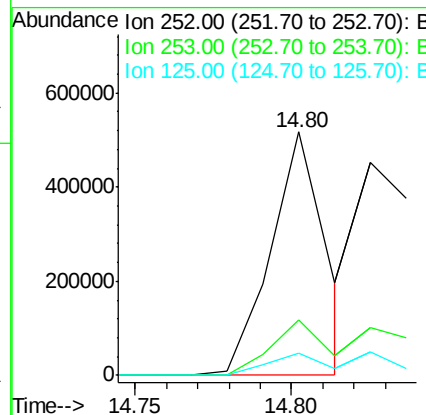
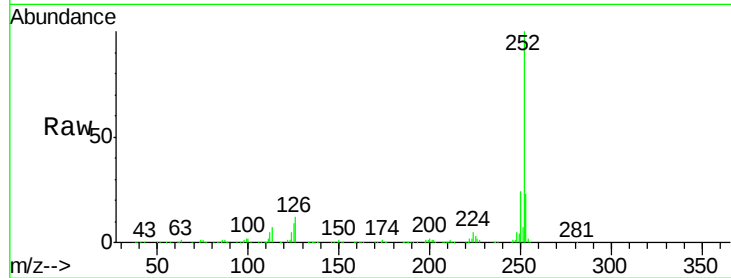
ClientSampleId :

PB95751BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	9.3	9.8	14.6#

Manual Integrations
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1/5/2017 4:02:15 PM



#88

Benzo(k)fluoranthene

Concen: 28.17 ng m

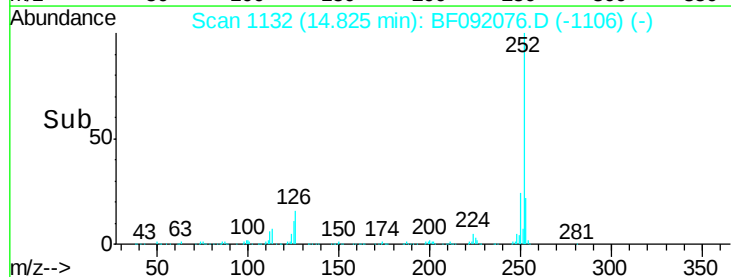
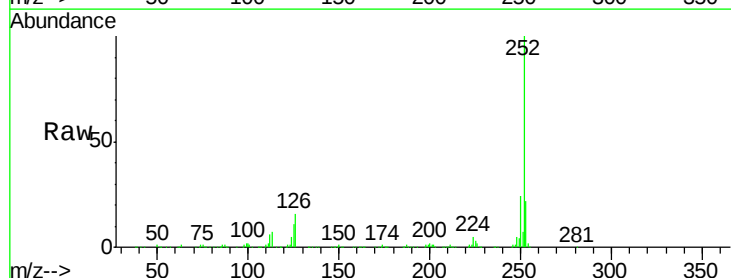
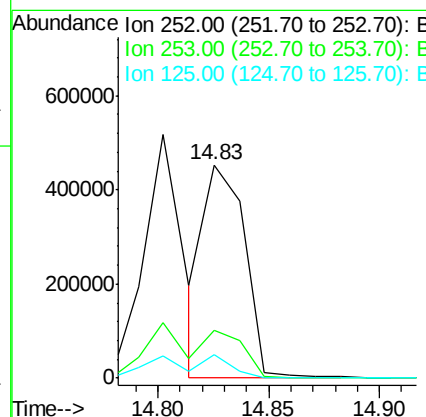
RT: 14.83 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF092076.D

Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	10.9	8.9	13.3





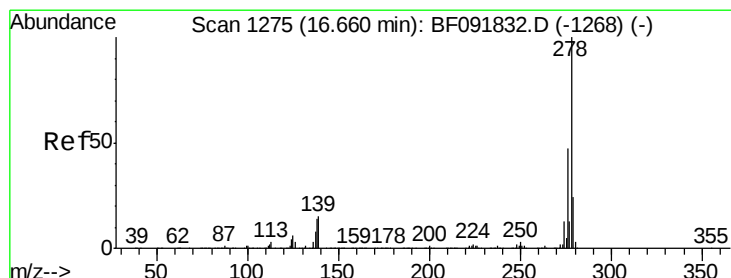
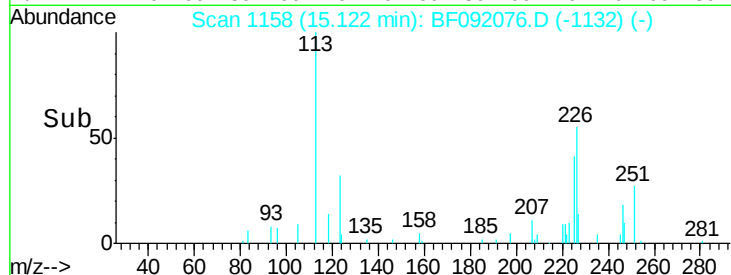
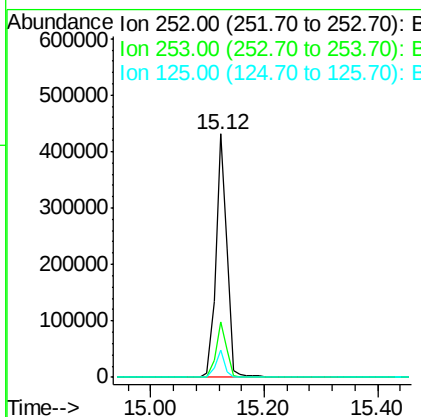
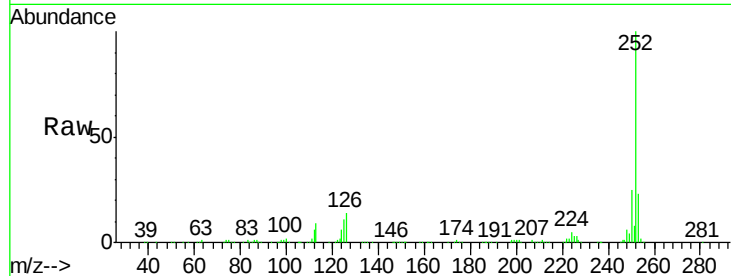
#89
Benzo(a)pyrene
Concen: 26.43 ng
RT: 15.12 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.4	10.0	15.0

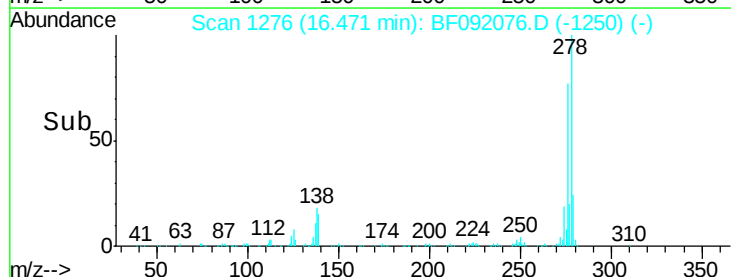
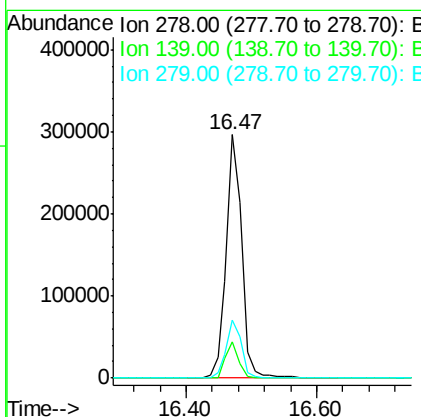
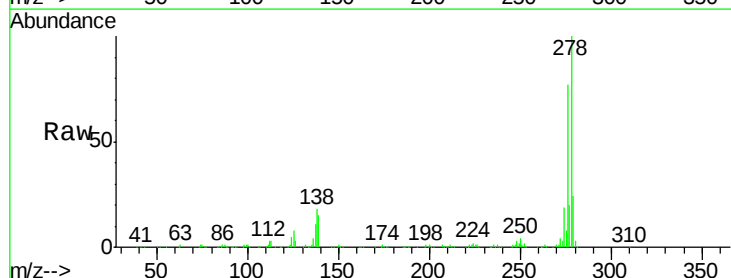
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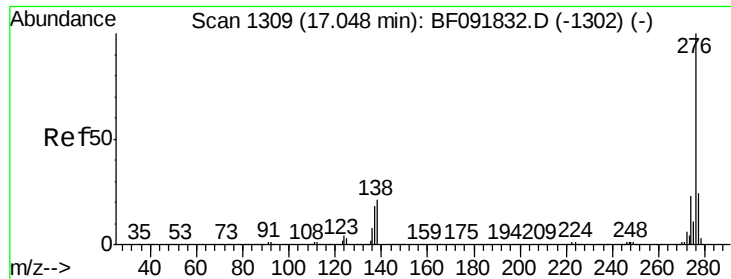
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 27.65 ng
RT: 16.47 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF092076.D
Acq: 4 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.8	22.2
279	23.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 26.60 ng
 RT: 16.85 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF092076.D
 Acq: 4 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tot Ion:	276	Resp:	492155
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	16.2	16.0	24.0

Manual Integrations
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 1/5/2017 4:02:15 PM

