

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090603.D
 Acq On : 17 Oct 2016 12:33
 Operator : UM/SJ
 Sample : PB94073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:30 PM

Quant Time: Oct 18 11:12:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 15:58:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	210995	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	913402	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	472017	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	808541	20.00	ng	0.00
75) Chrysene-d12	14.09	240	791818	20.00	ng	0.00
86) Perylene-d12	15.54	264	588835	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1471914	127.89	ng	0.02
7) Phenol-d6	6.54	99	1809690	105.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	1232229	74.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	519137	123.36	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1995838	69.67	ng	0.00
78) Terphenyl-d14	13.02	244	2223412	65.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	194253	29.61	ng	95
3) Pyridine	3.35	79	525809m	35.76	ng	
4) n-Nitrosodimethylamine	3.31	42	167610	34.26	ng	85
6) Aniline	6.57	93	419496	20.30	ng	# 66
8) 2-Chlorophenol	6.69	128	543352	36.41	ng	95
9) Benzaldehyde	6.45	77	54410	5.00	ng	93
10) Phenol	6.55	94	646208	33.04	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	574466	35.60	ng	96
12) 1,3-Dichlorobenzene	6.85	146	514627	34.58	ng	96
13) 1,4-Dichlorobenzene	6.92	146	535653	33.09	ng	93
14) 1,2-Dichlorobenzene	7.08	146	562994	37.20	ng	98
15) Benzyl Alcohol	7.05	79	441189	37.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	807111	35.54	ng	94
17) 2-Methylphenol	7.17	107	436054	37.49	ng	96
18) Hexachloroethane	7.42	117	227465	35.56	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	417688	35.62	ng	95
20) 3+4-Methylphenols	7.32	107	543469	38.54	ng	# 86
22) Acetophenone	7.32	105	729052	36.13	ng	94
24) Nitrobenzene	7.49	77	606078	35.92	ng	92
25) Isophorone	7.73	82	1147201	38.33	ng	97
26) 2-Nitrophenol	7.81	139	281891	36.82	ng	# 88
27) 2,4-Dimethylphenol	7.85	122	444391	34.98	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	669139	37.87	ng	98
29) 2,4-Dichlorophenol	8.05	162	405490	36.44	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	432694	33.20	ng	95
31) Naphthalene	8.21	128	1555593	33.43	ng	99
32) Benzoic acid	7.97	122	205845	26.38	ng	97
33) 4-Chloroaniline	8.27	127	196406	11.04	ng	97
34) Hexachlorobutadiene	8.34	225	255837	35.13	ng	99
35) Caprolactam	8.63	113	142749m	45.97	ng	
36) 4-Chloro-3-methylphenol	8.75	107	465396	36.25	ng	94
37) 2-Methylnaphthalene	8.91	142	968968	35.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	455785	36.42	ng	99
40) Hexachlorocyclopentadiene	9.07	237	501673	82.06	ng	100

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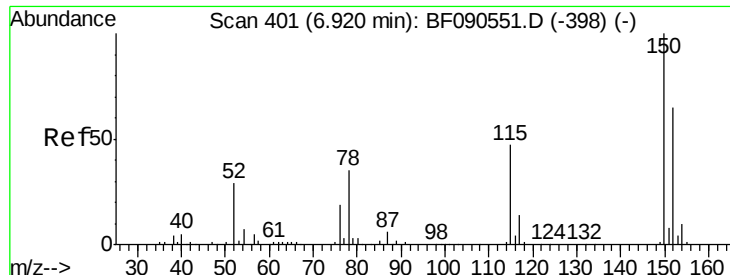
Manual Integrations
 APPROVED

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 10/18/2016 6:05:30 PM

Quant Time: Oct 18 11:12:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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 QLast Update : Mon Oct 17 15:58:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	268367	38.02	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	301903	35.85	nq	95
45) 1,1'-Biphenyl	9.38	154	1264605	35.21	nq	98
46) 2-Chloronaphthalene	9.40	162	980017	36.59	nq	97
47) 2-Nitroaniline	9.49	65	332767	34.27	nq	# 81
48) Acenaphthylene	9.81	152	1409408	33.05	nq	100
49) Dimethylphthalate	9.67	163	1043547	34.07	nq	100
50) 2,6-Dinitrotoluene	9.74	165	240326	35.86	nq	# 85
51) Acenaphthene	9.98	154	1001021	35.31	nq	100
52) 3-Nitroaniline	9.91	138	134980	16.05	nq	92
53) 2,4-Dinitrophenol	10.02	184	215464	60.70	nq	# 65
54) Dibenzofuran	10.17	168	1326994	35.59	nq	98
55) 4-Nitrophenol	10.07	139	388951	76.86	nq	98
56) 2,4-Dinitrotoluene	10.14	165	356934	39.21	nq	98
57) Fluorene	10.51	166	1078196	35.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	266407	37.98	nq	95
59) Diethylphthalate	10.38	149	1170601	37.69	nq	# 94
60) 4-Chlorophenyl-phenylether	10.50	204	536075	36.97	nq	96
61) 4-Nitroaniline	10.53	138	273702	32.46	nq	95
62) Azobenzene	10.66	77	1392205	38.75	nq	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	156727	32.03	nq	91
65) n-Nitrosodiphenylamine	10.61	169	911570	34.13	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	297470	34.29	nq	98
67) Hexachlorobenzene	11.06	284	320110	33.98	nq	# 60
68) Atrazine	11.14	200	267377	36.20	nq	100
69) Pentachlorophenol	11.25	266	368490	78.93	nq	96
70) Phenanthrene	11.47	178	1554523	36.02	nq	99
71) Anthracene	11.51	178	1630472	35.10	nq	100
72) Carbazole	11.67	167	1509762	36.31	nq	100
73) Di-n-butylphthalate	12.01	149	1883075	38.66	nq	100
74) Fluoranthene	12.66	202	1681063	38.72	nq	99
76) Benzidine	12.78	184	450198	22.85	nq	96
77) Pyrene	12.89	202	1715843	32.72	nq	100
79) Butylbenzylphthalate	13.50	149	840003	36.15	nq	99
80) Benzo(a)anthracene	14.08	228	1515041	33.61	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	296434	19.25	nq	# 98
82) Chrysene	14.11	228	1364351	31.41	nq	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	990892	31.61	nq	98
84) Di-n-octyl phthalate	14.68	149	1644069	39.12	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.99	276	1111614	44.27	nq	95
87) Benzo(b)fluoranthene	15.12	252	1480912	38.43	nq	97
88) Benzo(k)fluoranthene	15.15	252	1255795m	30.29	nq	
89) Benzo(a)pyrene	15.48	252	1254037	35.55	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	964285	35.84	nq	# 94
91) Benzo(g,h,i)perylene	17.42	276	884139	34.47	nq	96

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



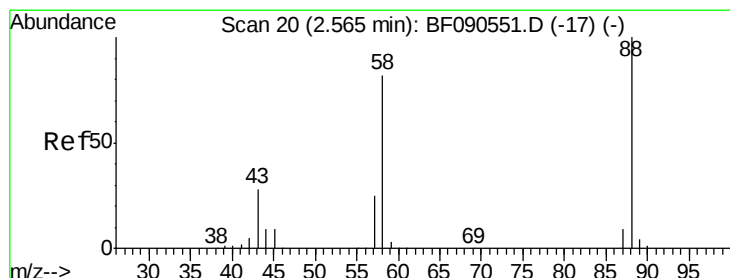
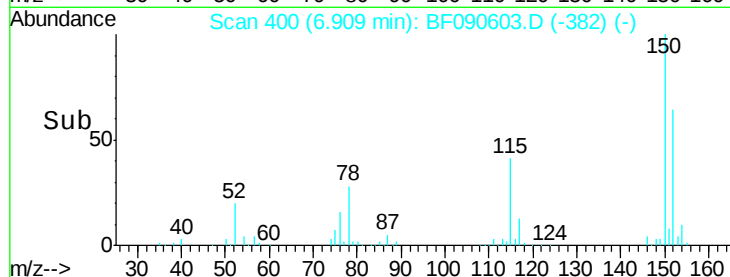
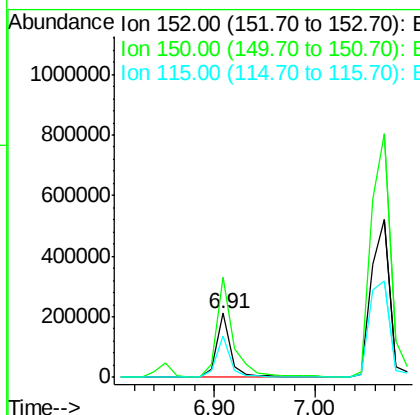
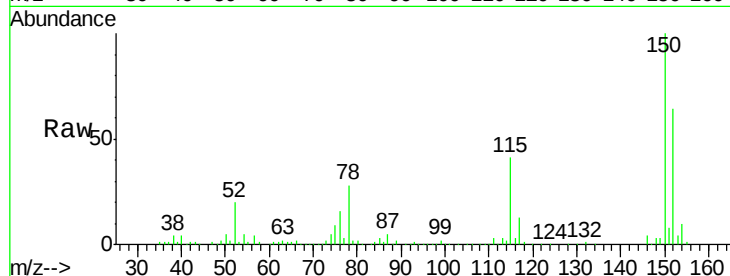
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampled :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.2	190.8
115	64.7	58.6	88.0

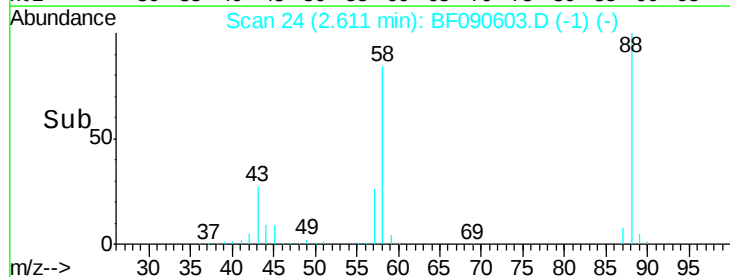
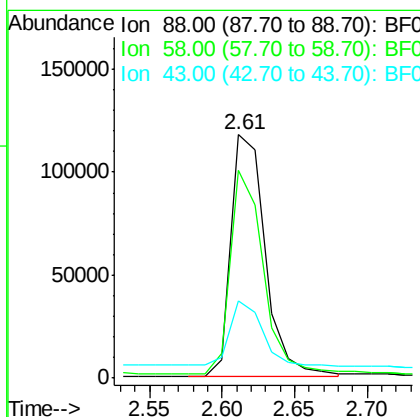
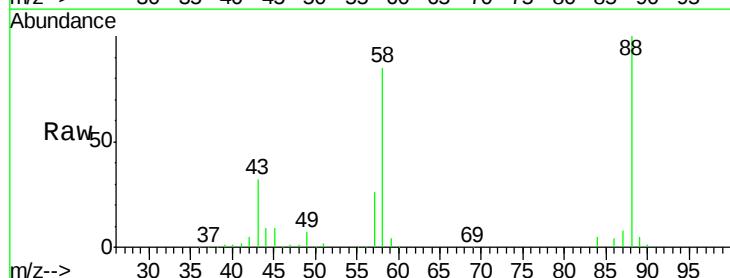
Manual Integrations
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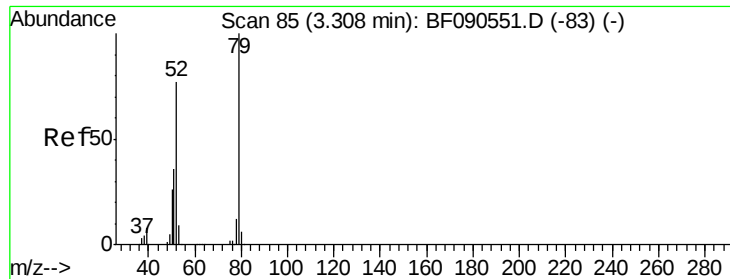
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#2
 1,4-Dioxane
 Concen: 29.61 ng
 RT: 2.61 min Scan# 24
 Delta R.T. 0.08 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	67.2	100.8
43	25.7	24.1	36.1





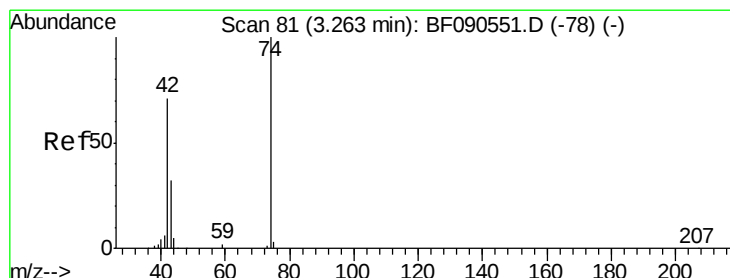
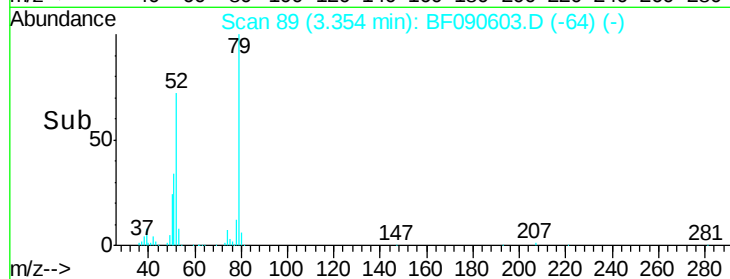
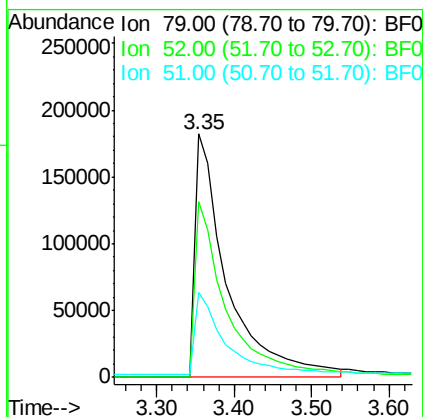
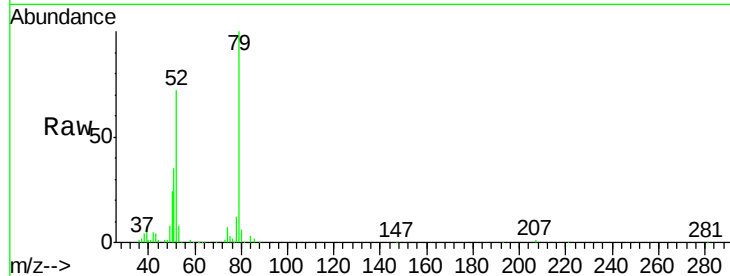
#3
 Pvridine
 Concen: 35.76 ng/ml
 RT: 3.35 min Scan# 89
 Delta R.T. 0.08 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleID :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.3	61.8	92.8
51	34.8	29.2	43.8

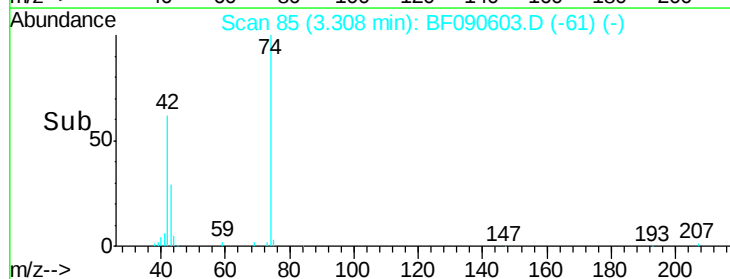
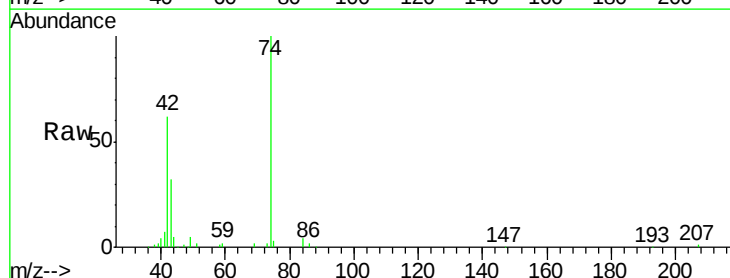
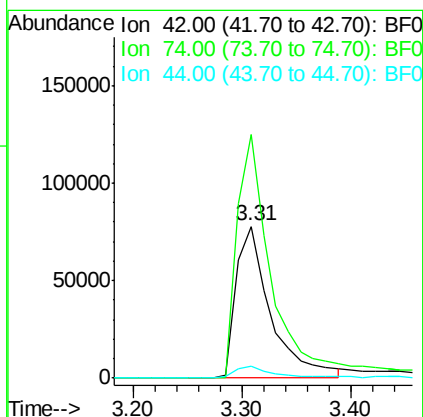
Manual Integrations
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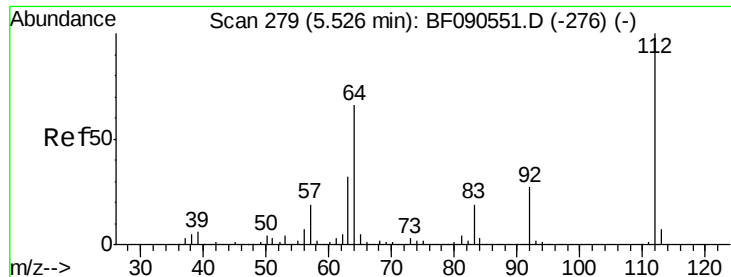
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#4
 n-Nitrosodimethylamine
 Concen: 34.26 ng/ml
 RT: 3.31 min Scan# 85
 Delta R.T. 0.07 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.7	113.3	169.9
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 127.89 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.02 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:112 Resp: 1471914

Ion Ratio Lower Upper

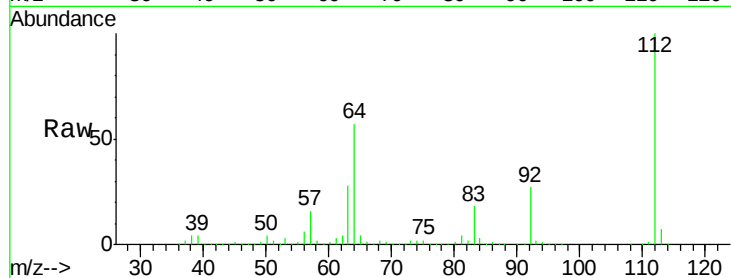
112 100

64 57.2 52.6 78.8

63 27.9 26.0 39.0

Manual Integrations
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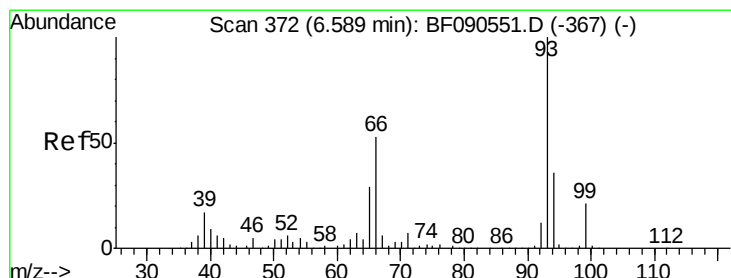
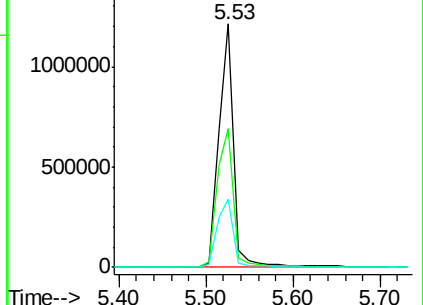
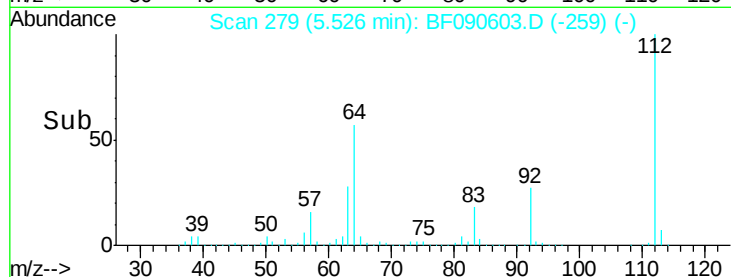
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Abundance Ion 112.00 (111.70 to 112.70): BF090603.D (-259) (-)

Ion 64.00 (63.70 to 64.70): BF090603.D (-259) (-)

Ion 63.00 (62.70 to 63.70): BF090603.D (-259) (-)



#6

Aniline

Concen: 20.30 ng

RT: 6.57 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

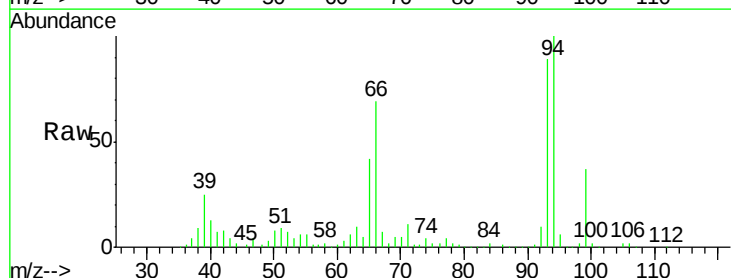
Tgt Ion: 93 Resp: 419496

Ion Ratio Lower Upper

93 100

66 77.2 42.2 63.2#

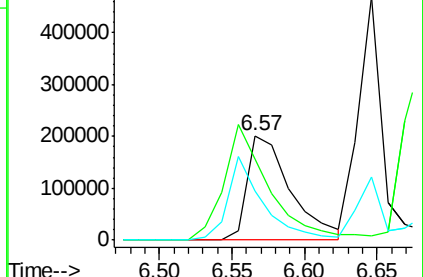
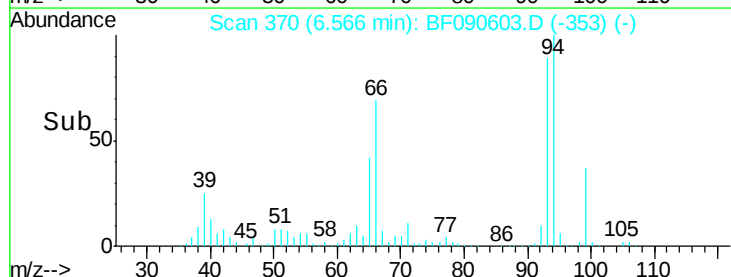
65 46.6 22.9 34.3#

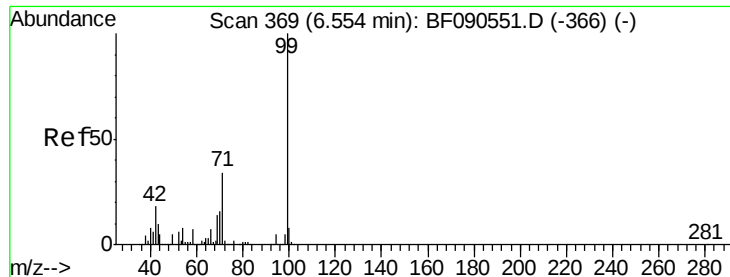


Abundance Ion 93.00 (92.70 to 93.70): BF090603.D (-353) (-)

Ion 66.00 (65.70 to 66.70): BF090603.D (-353) (-)

Ion 65.00 (64.70 to 65.70): BF090603.D (-353) (-)





#7

Phenol-d6

Concen: 105.82 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion: 99 Resp: 1809690

Ion Ratio Lower Upper

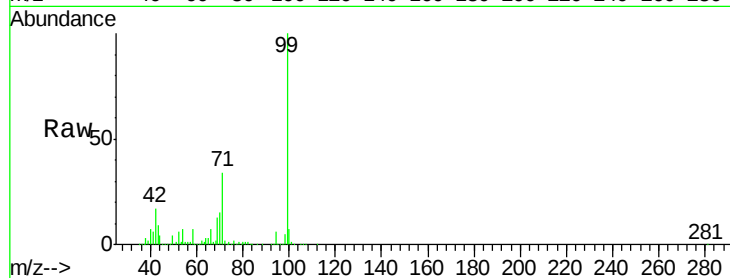
99 100

42 16.7 14.7 22.1

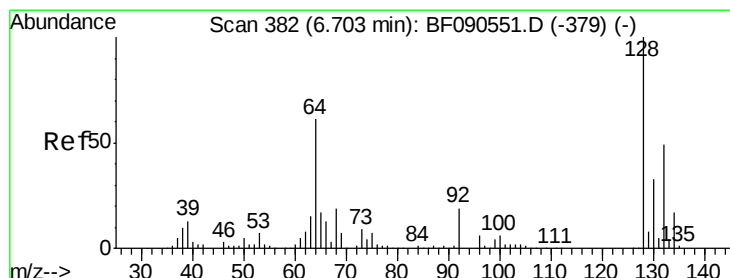
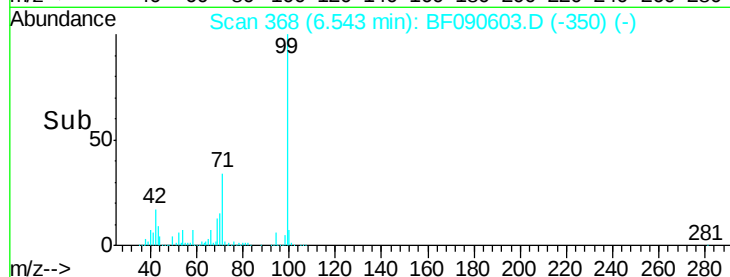
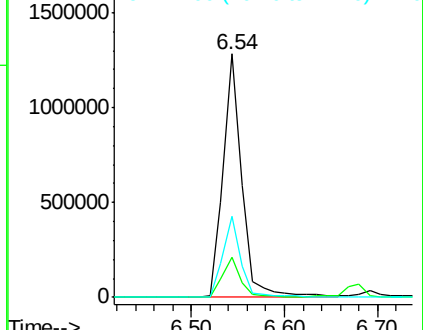
71 33.5 27.6 41.4

Manual Integrations
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SOHIL
10/18/2016 6:05:30 PM



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: 36.41 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

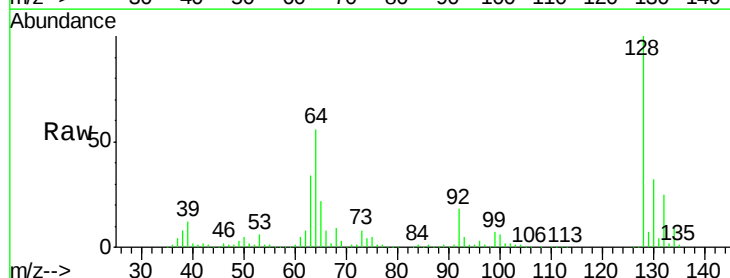
Tgt Ion: 128 Resp: 543352

Ion Ratio Lower Upper

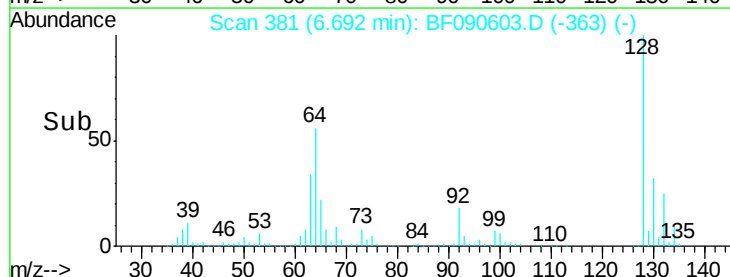
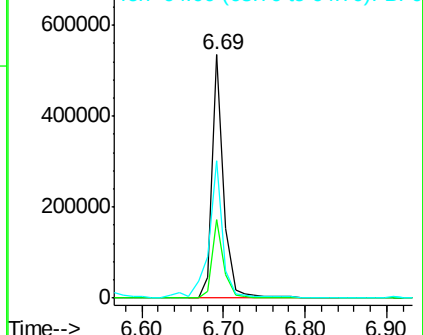
128 100

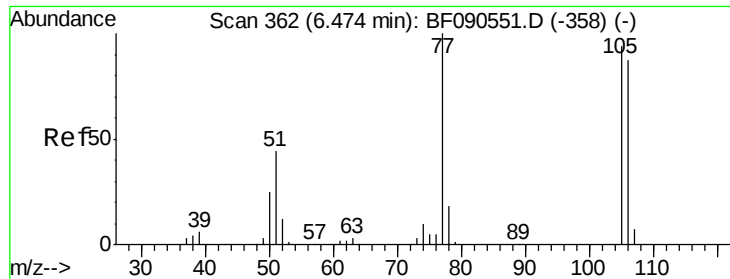
130 32.4 12.6 52.6

64 56.4 42.6 82.6



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: 5.00 ng

RT: 6.45 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

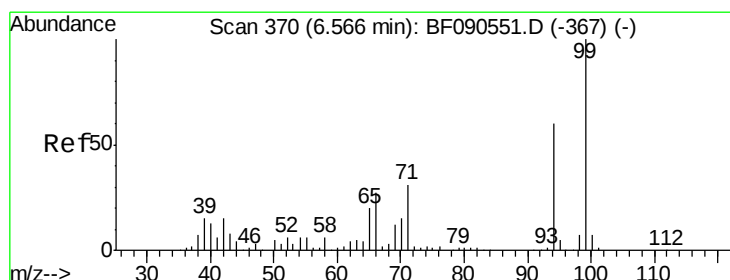
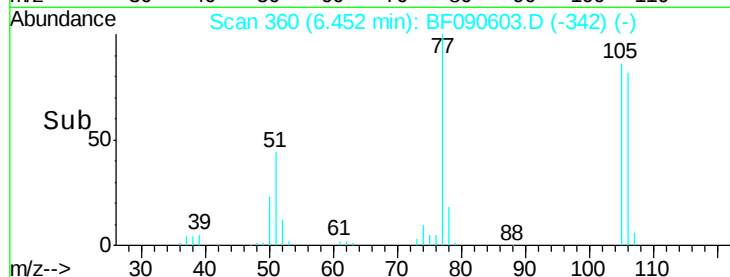
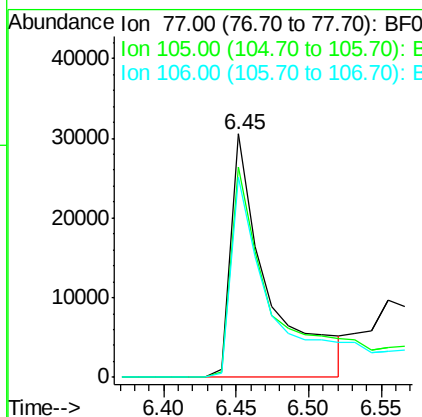
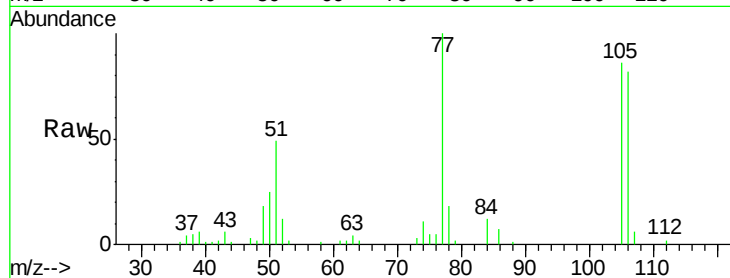
ClientSampleId :

PB94073BS

Tot Ion:	77	Resp:	54410
Ion	Ratio	Lower	Upper
77	100		
105	86.1	74.3	114.3
106	81.9	67.2	107.2

Manual Integrations
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#10

Phenol

Concen: 33.04 ng

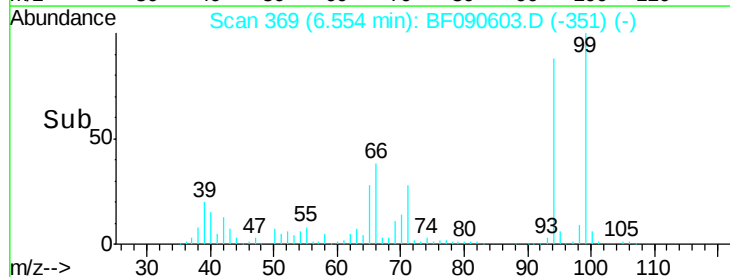
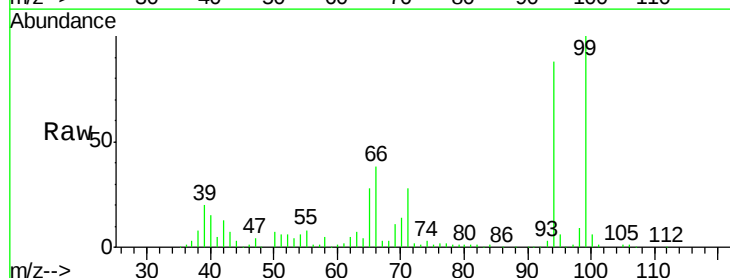
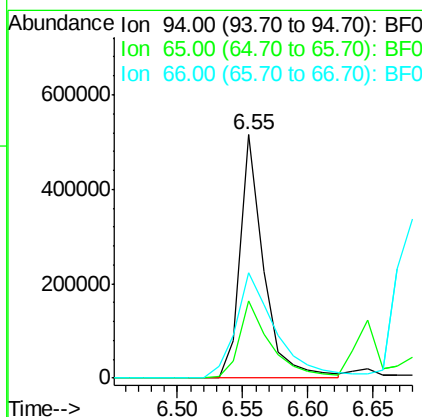
RT: 6.55 min Scan# 369

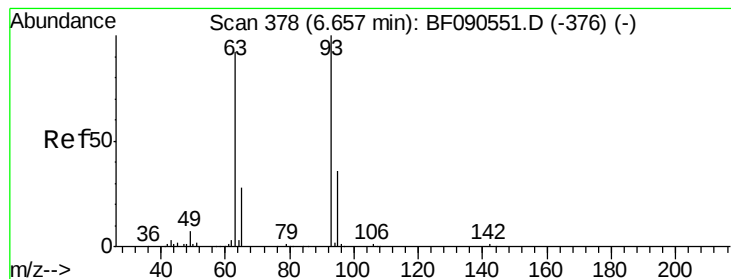
Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:	94	Resp:	646208
Ion	Ratio	Lower	Upper
94	100		
65	31.5	12.5	52.5
66	43.3	25.5	65.5





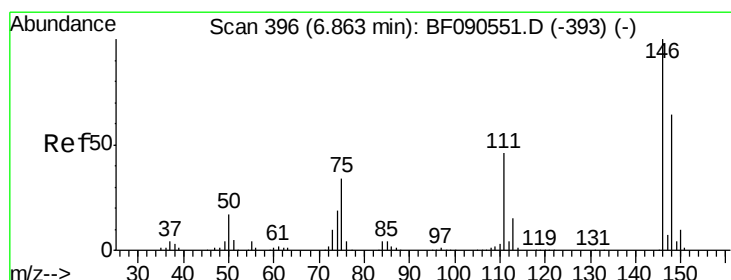
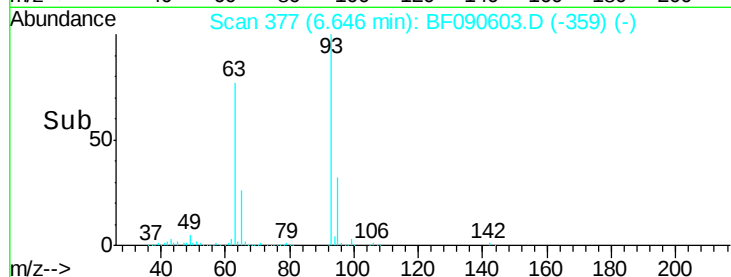
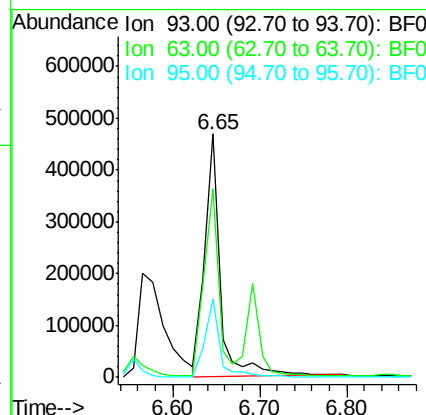
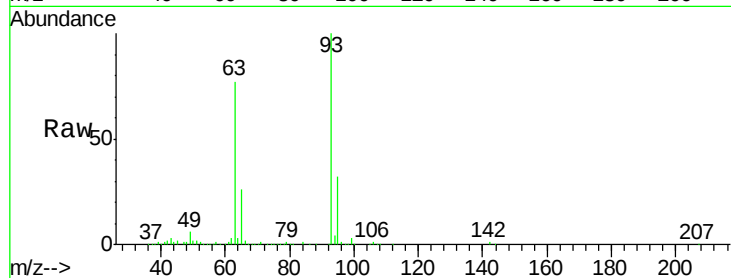
#11
bis(2-Chloroethyl)ether
Concen: 35.60 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	61.6	101.6
95	32.3	11.8	51.8

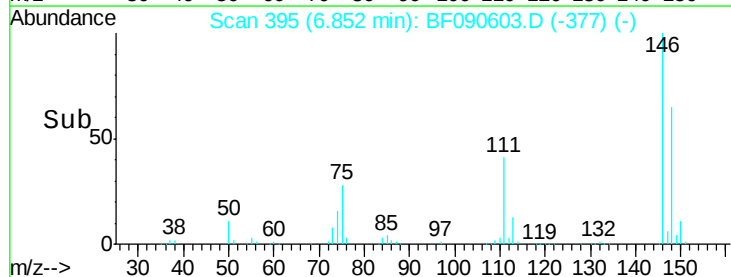
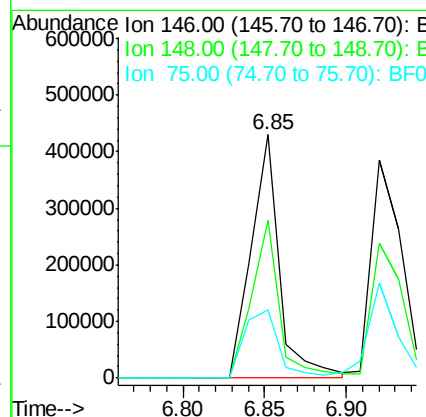
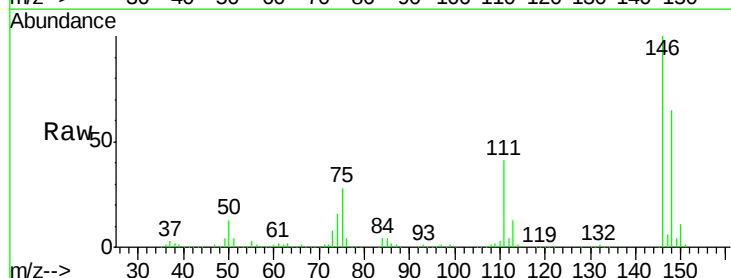
Manual Integrations
APPROVED

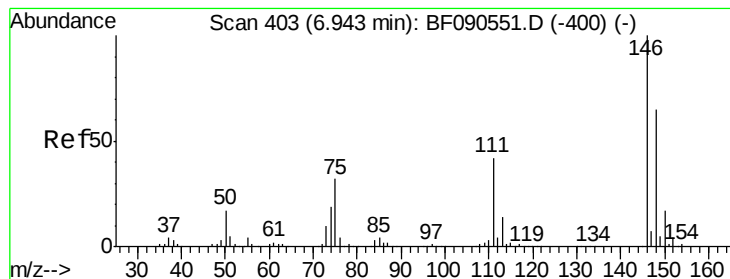
SOHIL
10/18/2016 6:05:30 PM



#12
1,3-Dichlorobenzene
Concen: 34.58 ng
RT: 6.85 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	27.8	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 33.09 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

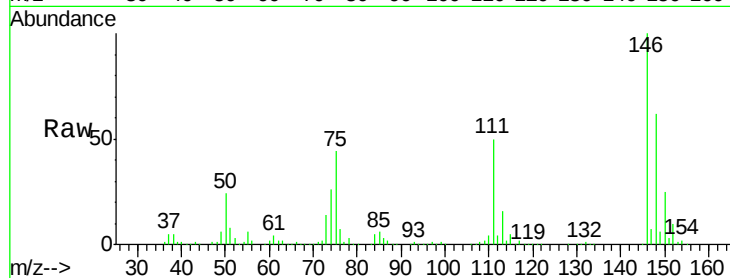
ClientSampled :

PB94073BS

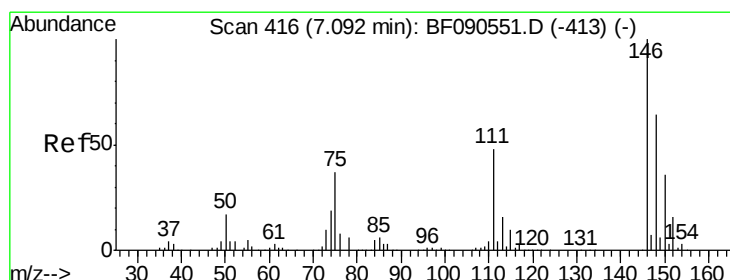
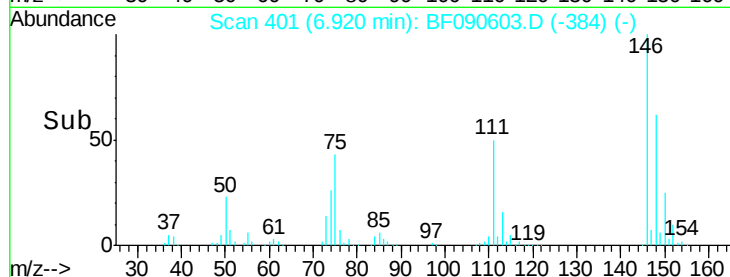
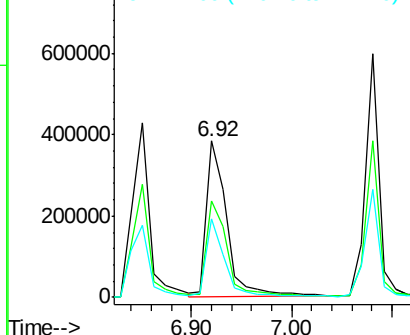
Tot Ion:	146	Resp:	535653
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.9	77.9
111	50.3	33.7	50.5

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.20 ng

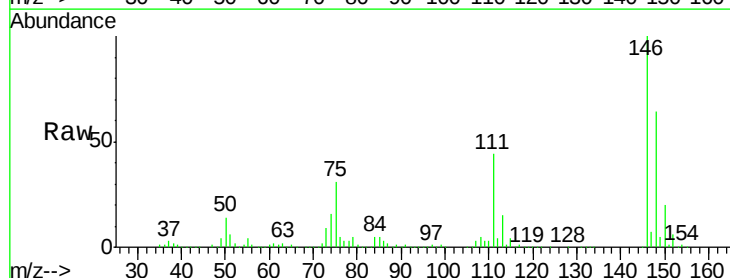
RT: 7.08 min Scan# 415

Delta R.T. 0.00 min

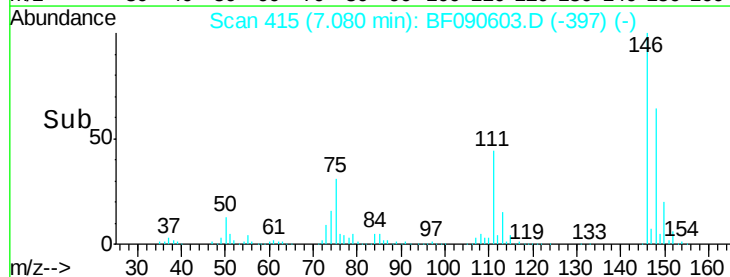
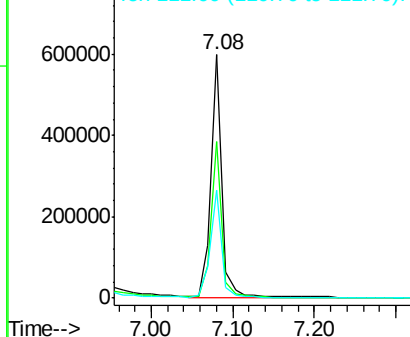
Lab File: BF090603.D

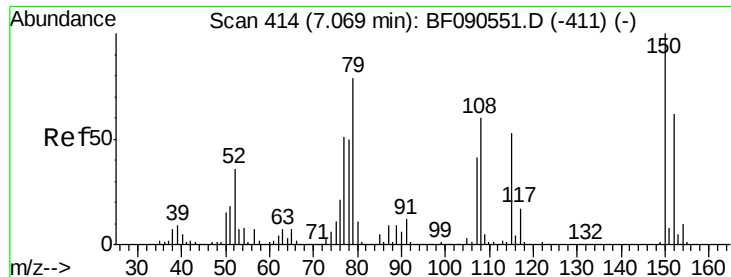
Acq: 17 Oct 2016 12:33

Tgt Ion:	146	Resp:	562994
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.2	76.8
111	44.5	38.2	57.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





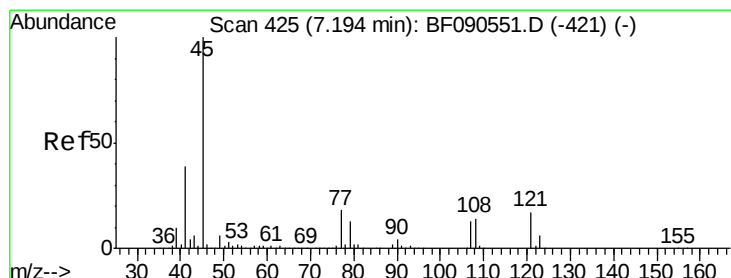
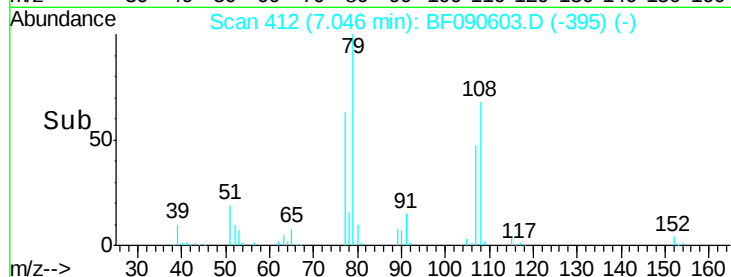
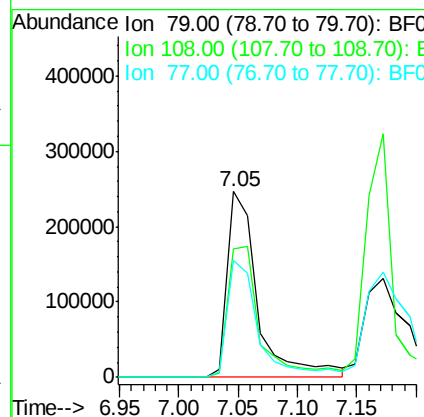
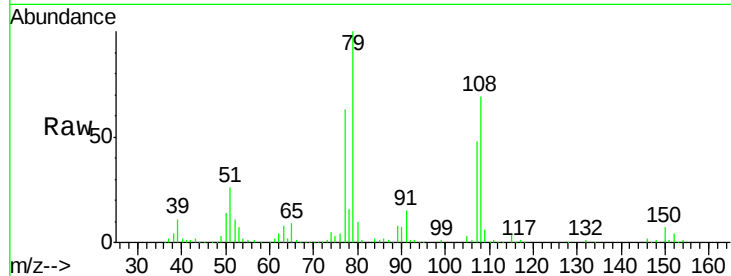
#15
Benzyl Alcohol
Concen: 37.87 ng
RT: 7.05 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.1	60.2	90.4
77	63.2	52.0	78.0

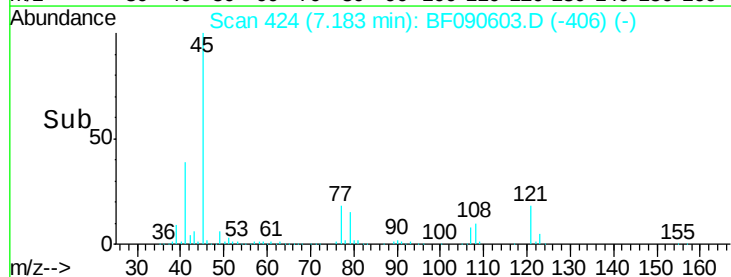
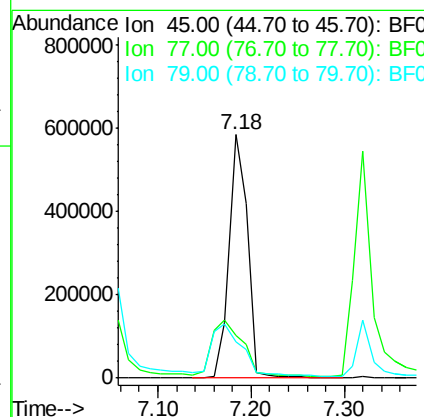
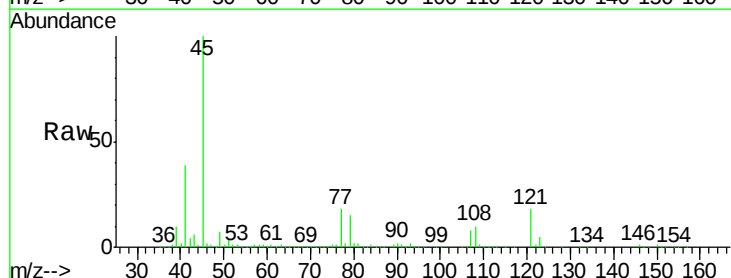
Manual Integrations
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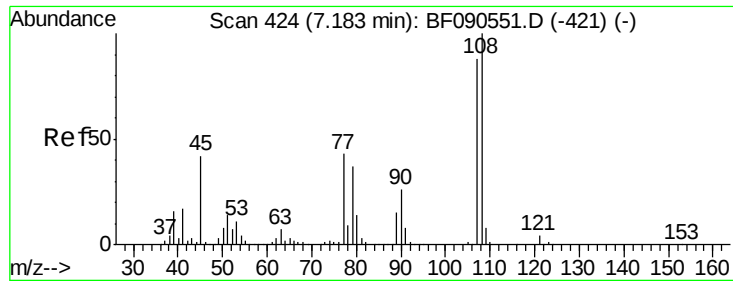
SOHIL
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.54 ng
RT: 7.18 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.9	40.9
79	14.8	0.0	37.3





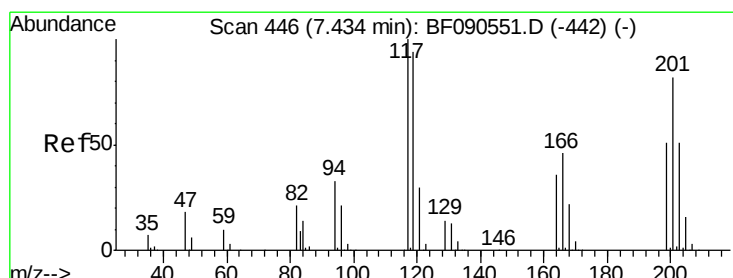
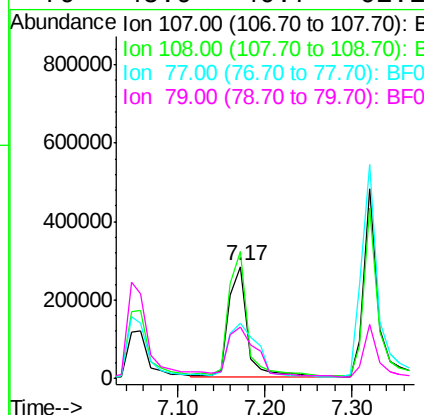
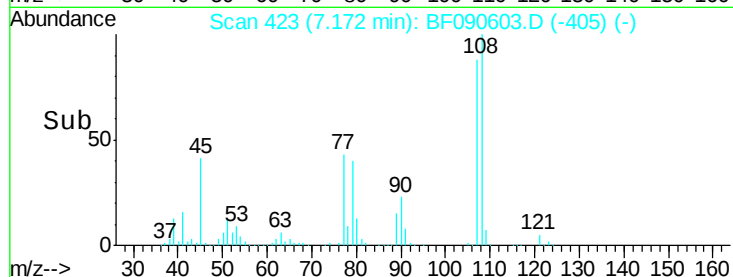
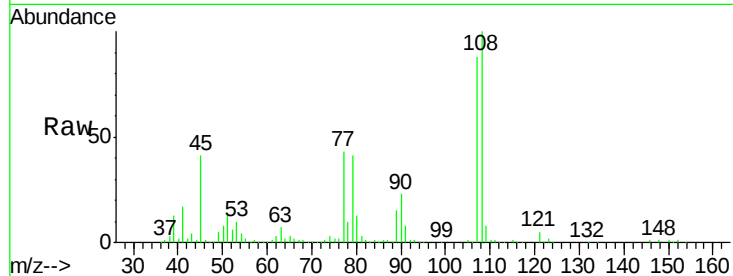
#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		436054		
108	113.2	92.6	138.8		
77	49.1	42.2	63.2		
79	45.9	40.7	61.1		

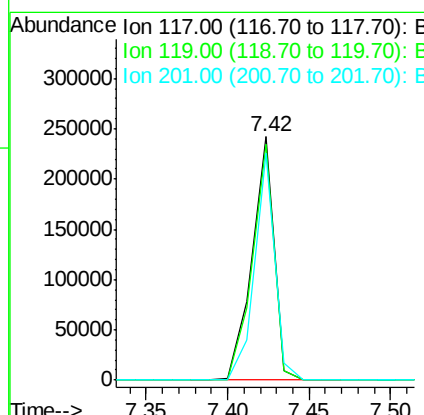
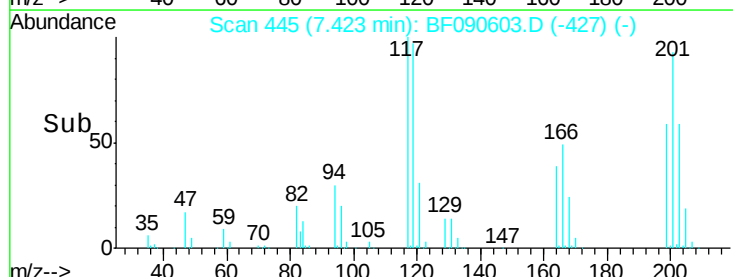
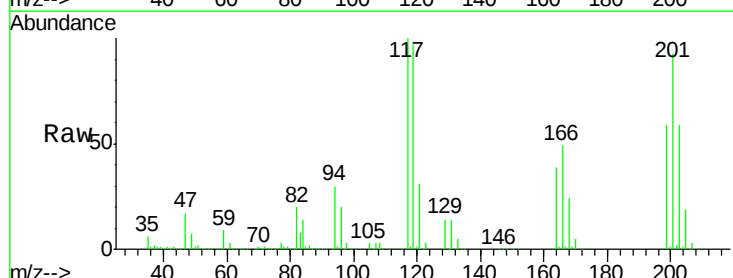
Manual Integrations
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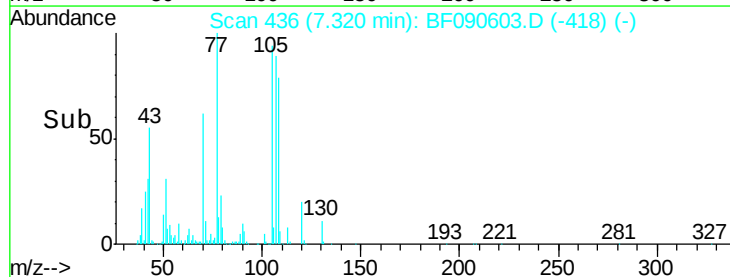
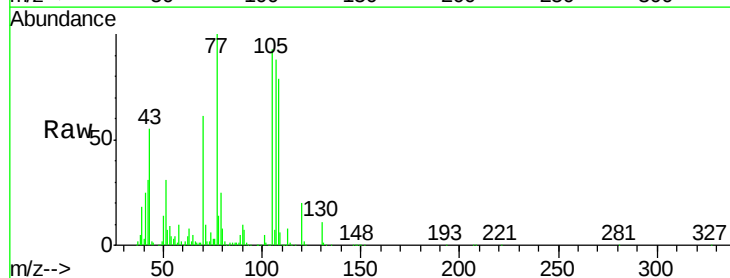
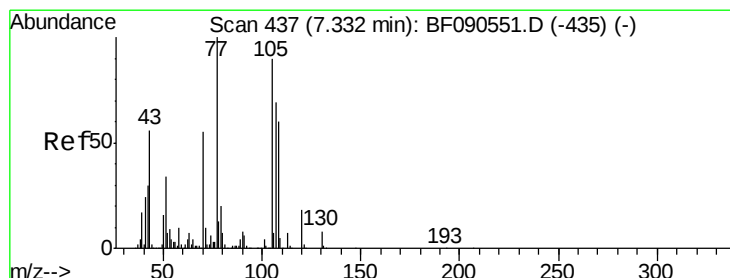
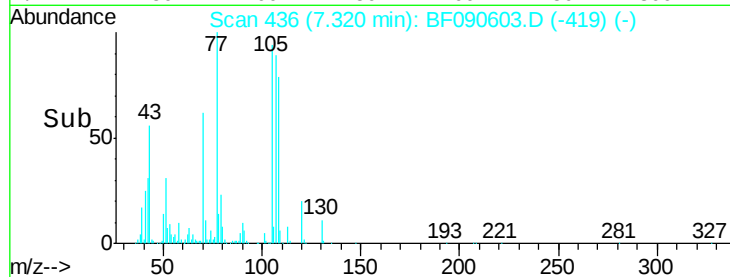
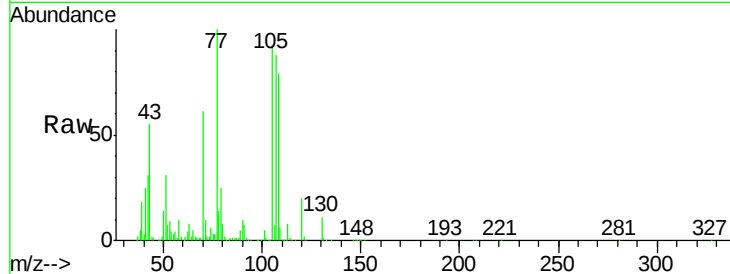
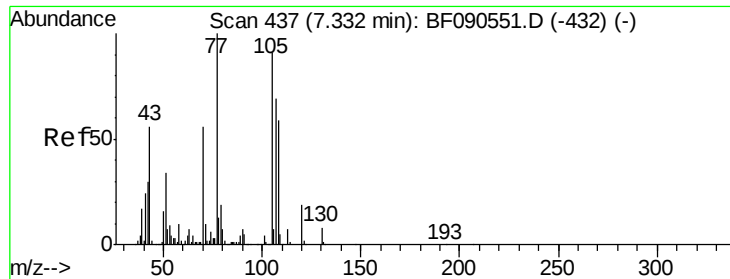
SOHIL
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#18
Hexachloroethane
Concen: 35.56 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		227465		
119	96.9	75.6	113.4		
201	93.1	65.4	98.0		





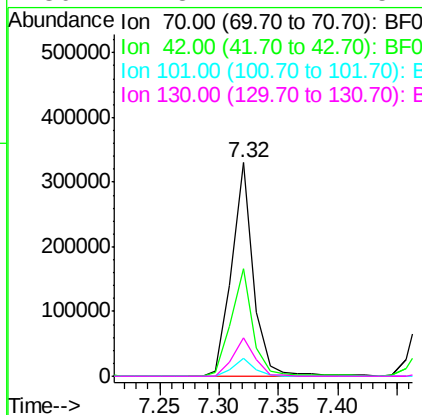
#19
n-Nitroso-di-n-propylamine
Concen: 35.62 ng
RT: 7.32 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.5	43.4	65.0
101	8.6	6.4	9.6
130	17.8	12.1	18.1

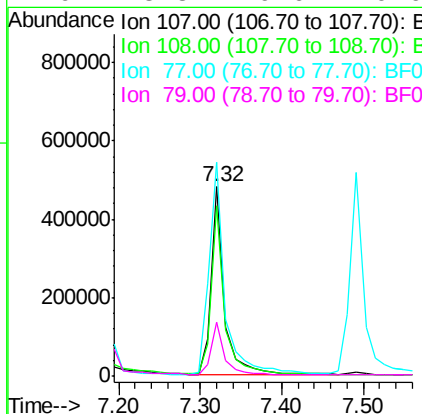
Manual Integrations
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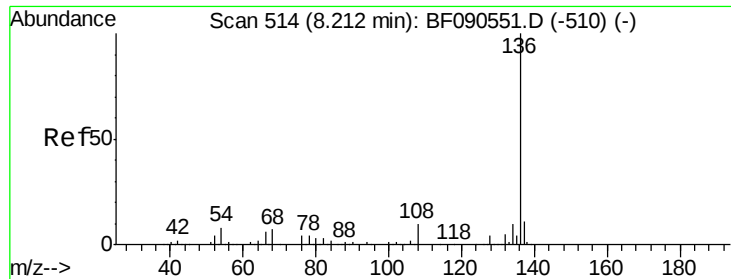
SOHIL
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#20
3+4-Methylphenols
Concen: 38.54 ng
RT: 7.32 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.7	107.7
77	113.1	123.1	163.1#
79	28.8	9.6	49.6





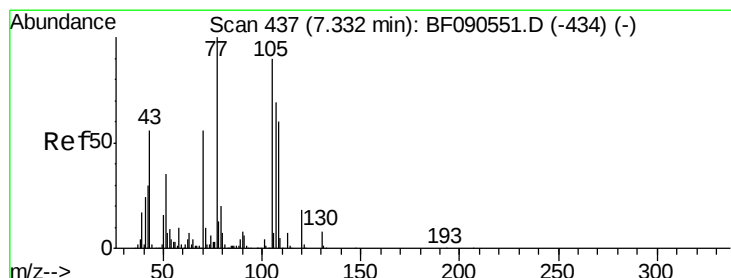
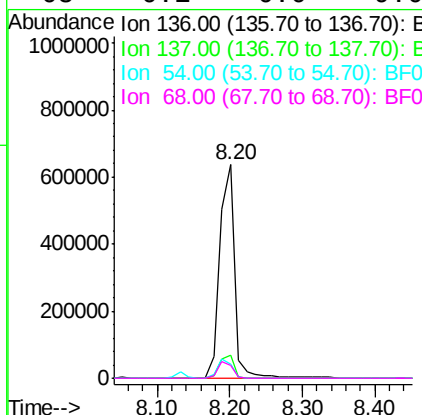
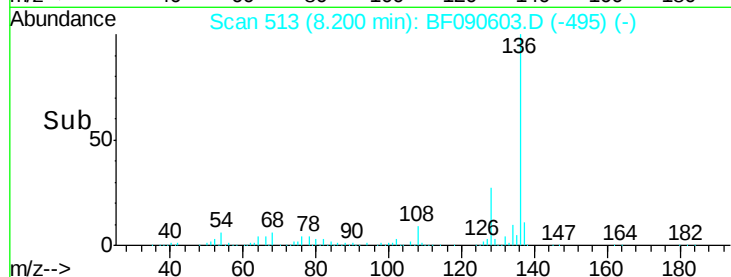
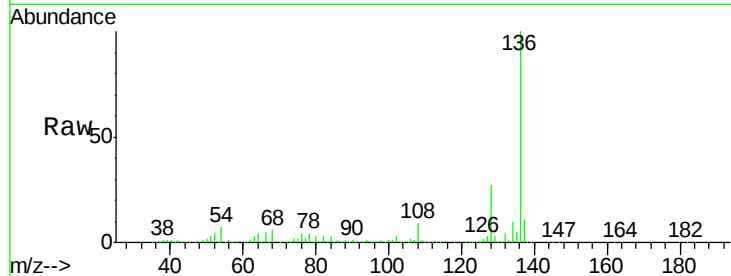
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		913402		
137	10.9		8.8	13.2	
54	6.6		6.8	10.2	
68	6.1		6.0	9.0	

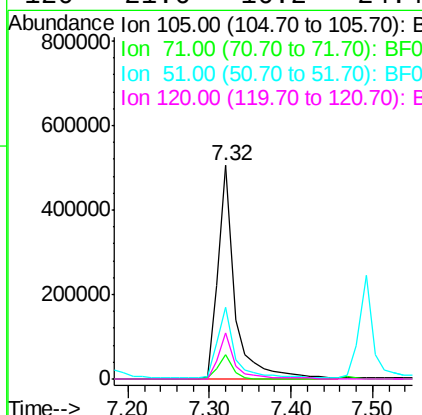
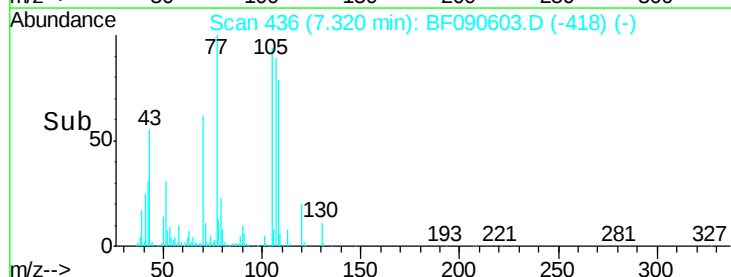
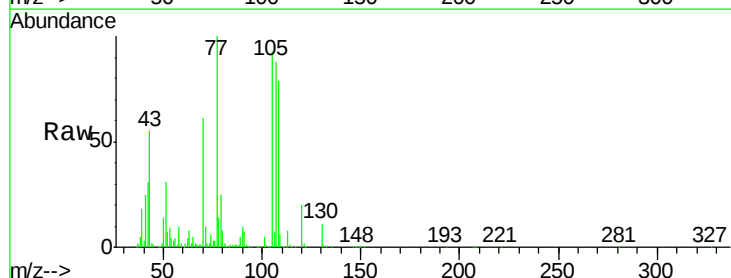
Manual Integrations
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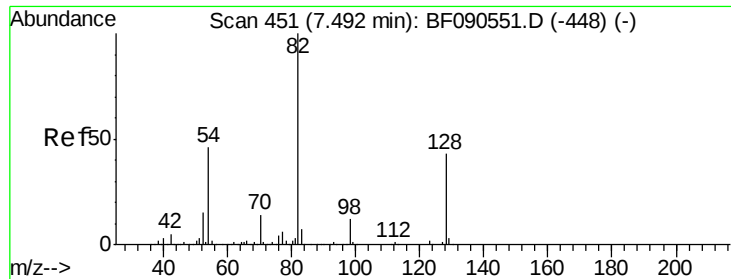
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#22
Acetophenone
Concen: 36.13 ng
RT: 7.32 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		729052		
71	11.3		8.5	12.7	
51	33.5		31.0	46.4	
120	21.6		16.2	24.4	





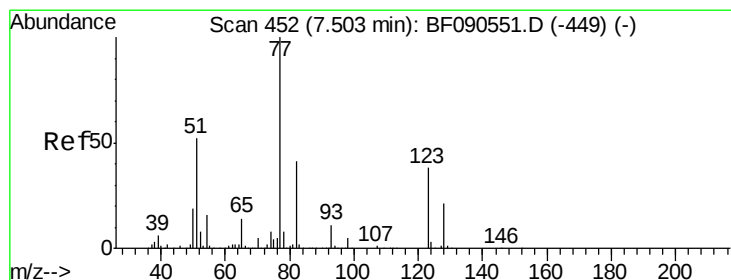
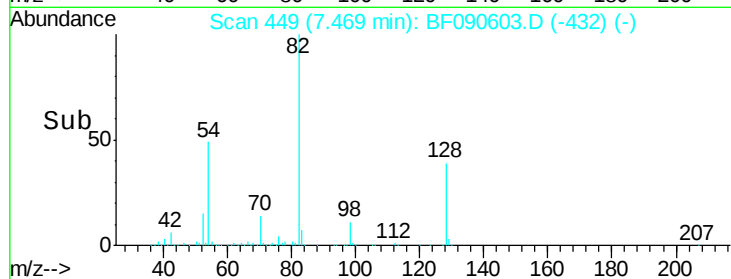
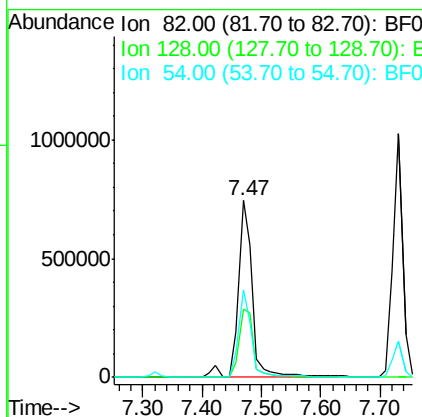
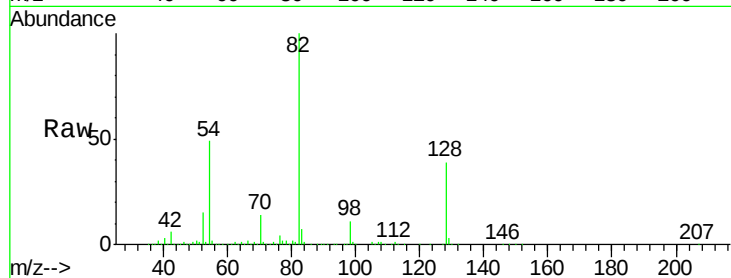
#23
 Nitrobenzene-d5
 Concen: 74.94 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.3	51.5
54	49.1	37.0	55.6

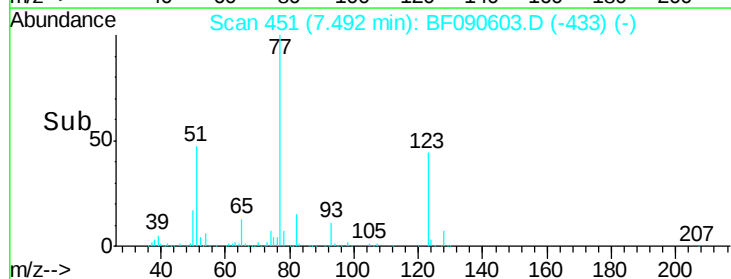
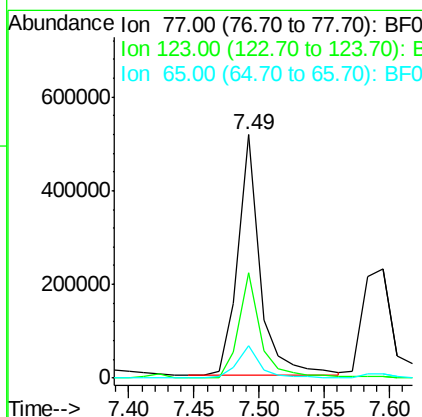
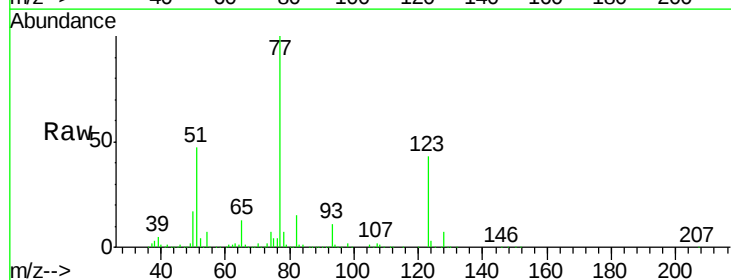
Manual Integrations
 APPROVED

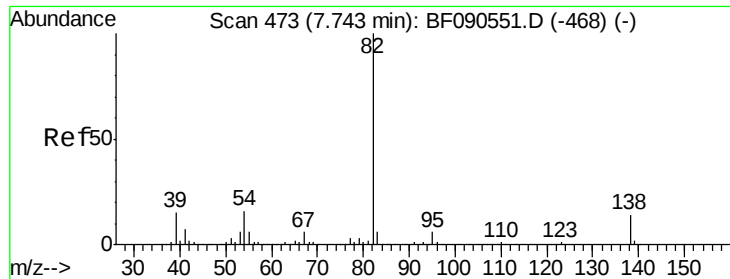
SOHIL
 10/18/2016 6:05:30 PM



#24
 Nitrobenzene
 Concen: 35.92 ng
 RT: 7.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	29.8	44.6
65	13.4	10.9	16.3





#25

Isophorone

Concen: 38.33 ng

RT: 7.73 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tot Ion: 82 Resp: 1147201

Ion Ratio Lower Upper

82 100

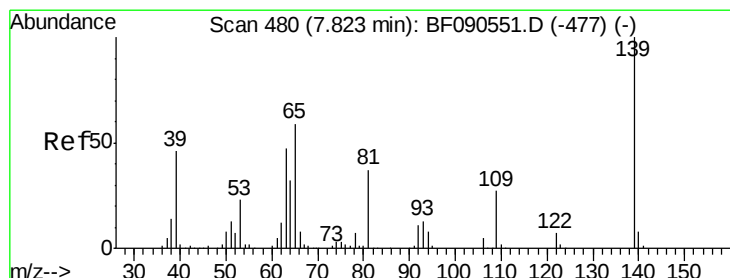
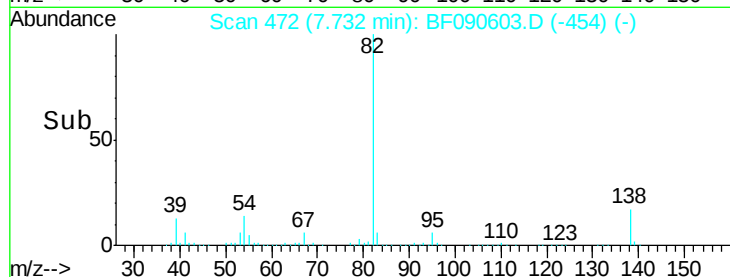
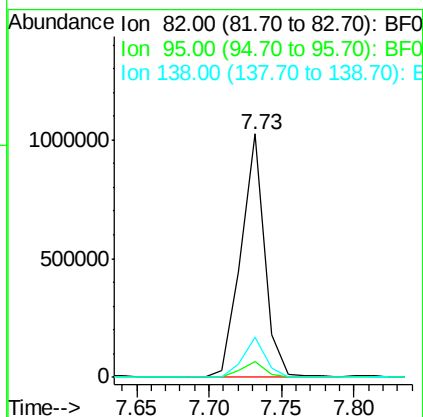
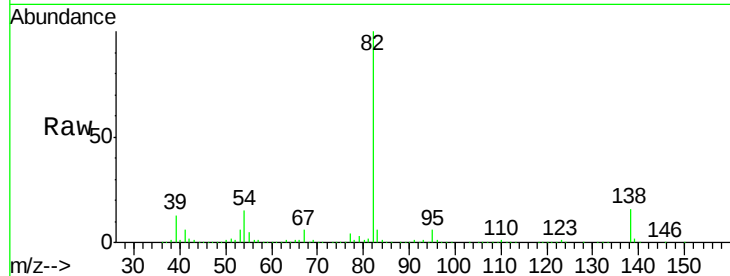
95 6.3 5.0 7.6

138 16.3 11.5 17.3

Manual Integrations
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SOHIL

10/18/2016 6:05:30 PM



#26

2-Nitrophenol

Concen: 36.82 ng

RT: 7.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

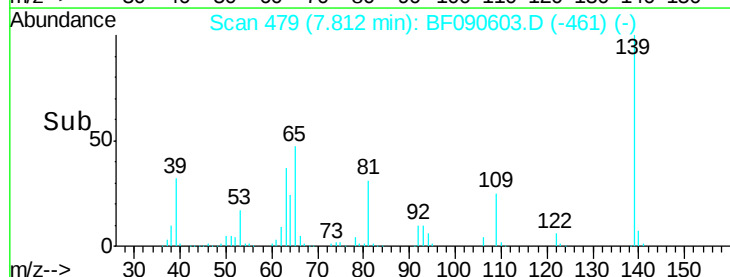
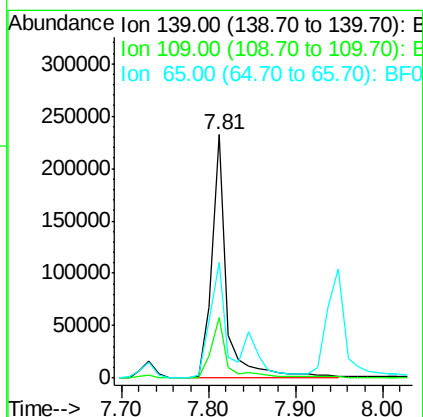
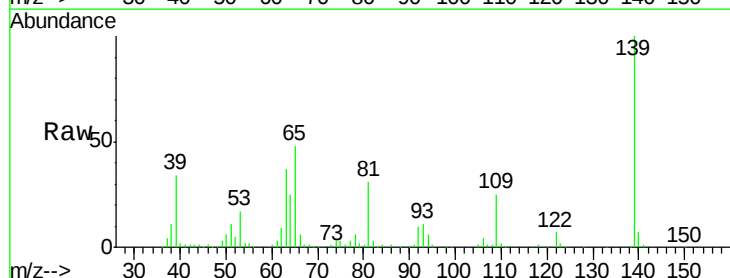
Tgt Ion: 139 Resp: 281891

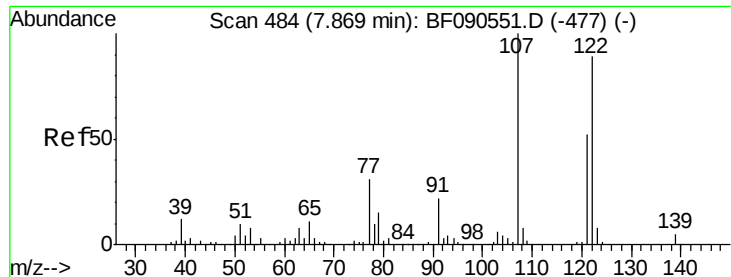
Ion Ratio Lower Upper

139 100

109 25.0 21.8 32.6

65 47.6 47.7 71.5#





#27

2,4-Dimethylphenol

Concen: 34.98 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

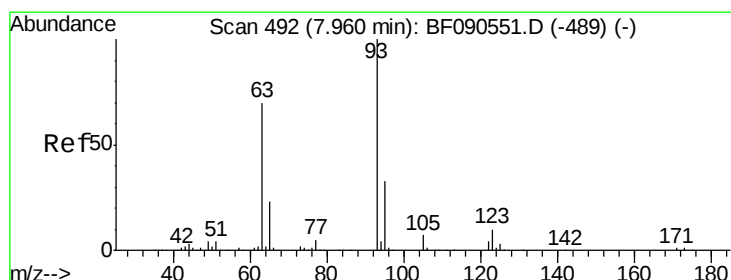
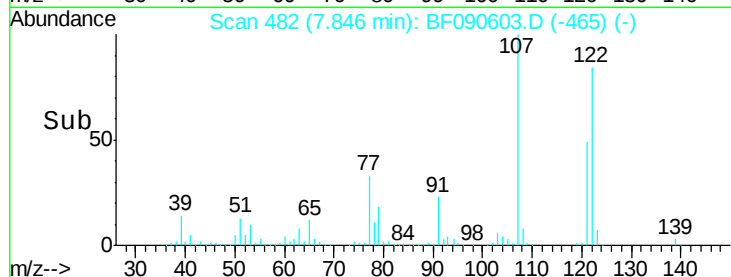
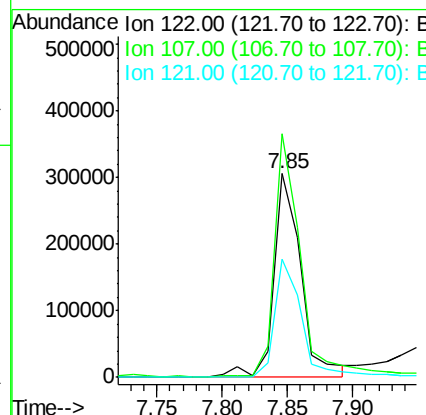
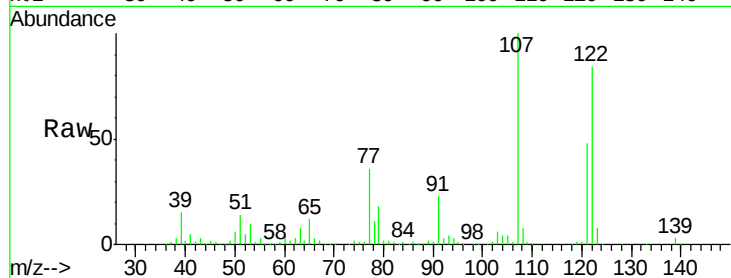
ClientSampled :

PB94073BS

Tot Ion:	122	Resp:	444391
Ion Ratio	Lower	Upper	
122	100		
107	119.5	89.8	134.6
121	57.7	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 37.87 ng

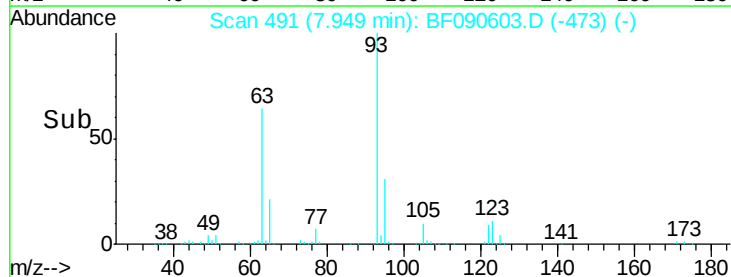
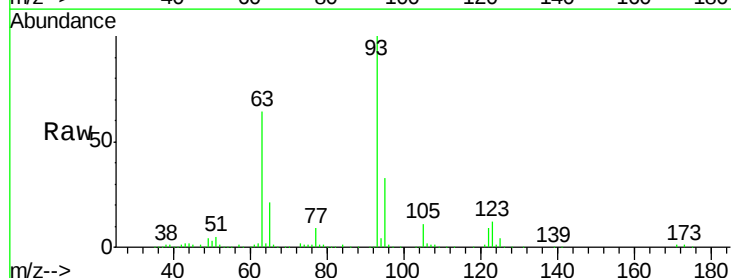
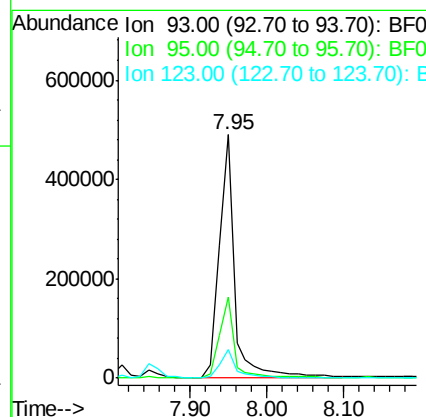
RT: 7.95 min Scan# 491

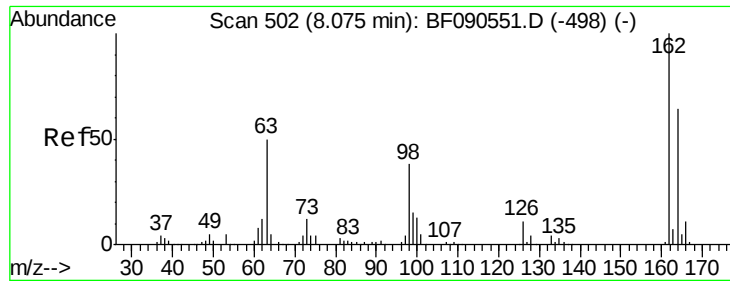
Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:	93	Resp:	669139
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.2
123	11.7	8.6	13.0





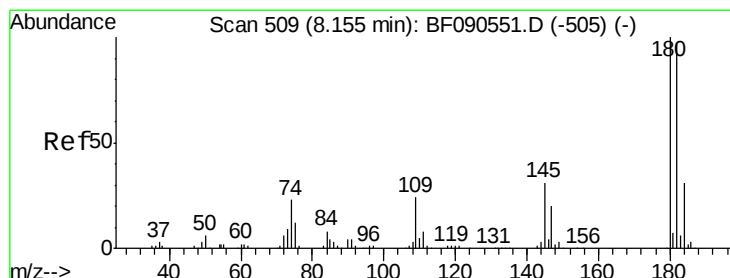
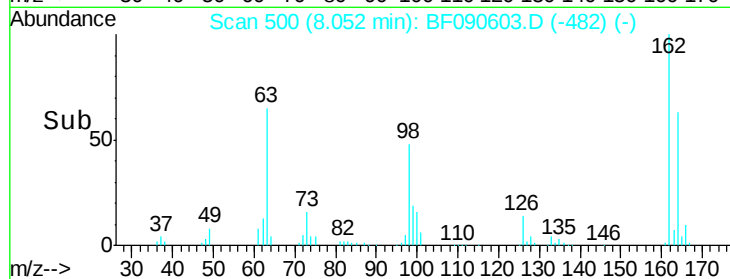
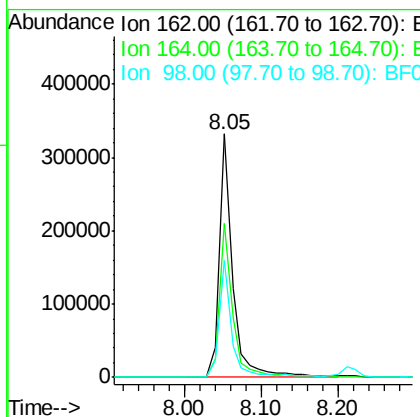
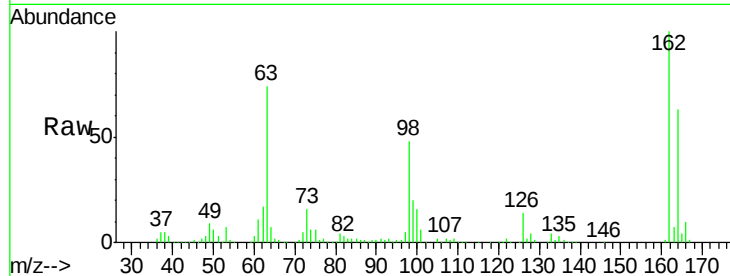
#29
 2,4-Dichlorophenol
 Concen: 36.44 ng
 RT: 8.05 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	405490		
164	63.2	44.0	84.0	
98	48.1	18.0	58.0	

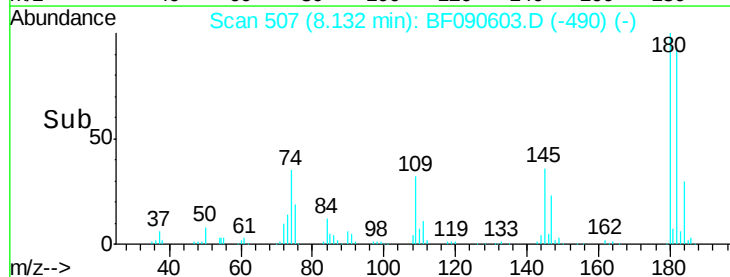
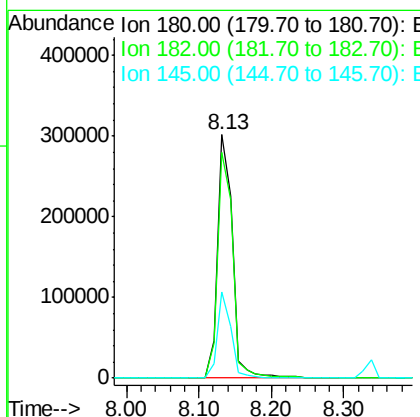
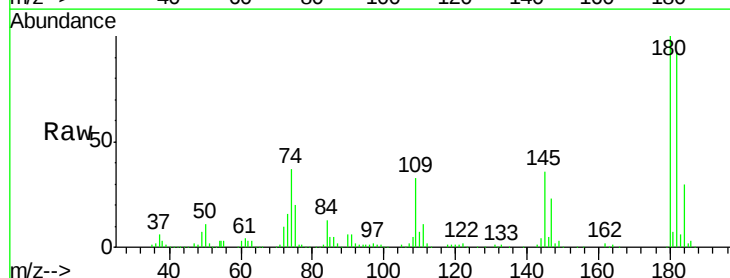
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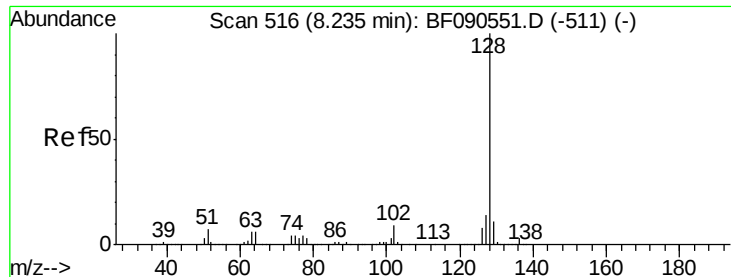
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.20 ng
 RT: 8.13 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	432694		
182	92.8	77.2	115.8	
145	35.5	24.4	36.6	





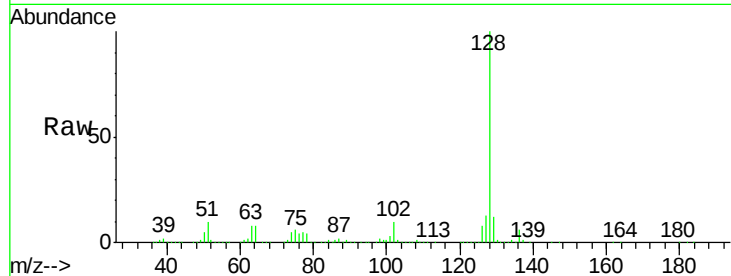
#31
Naphthalene
Concen: 33.43 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

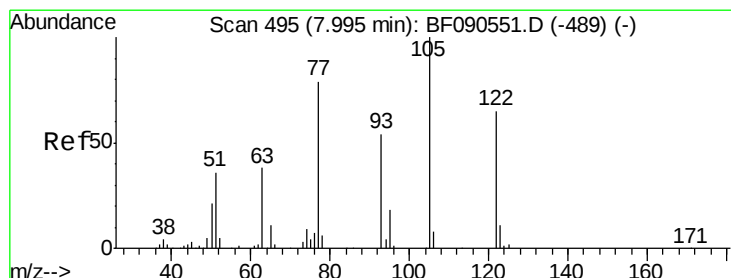
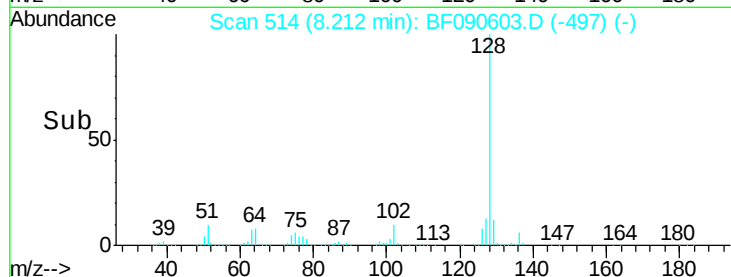
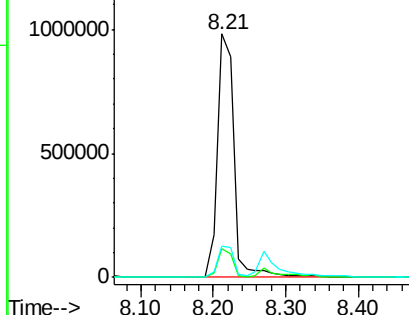
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.0	10.8	16.2

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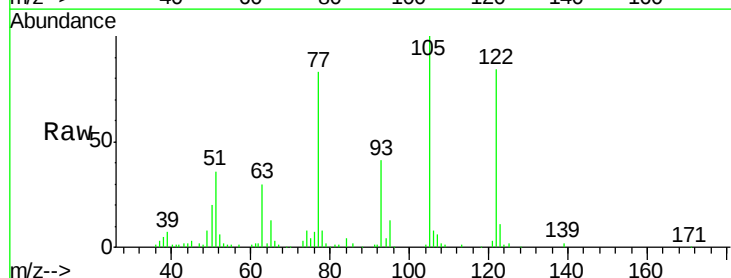


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

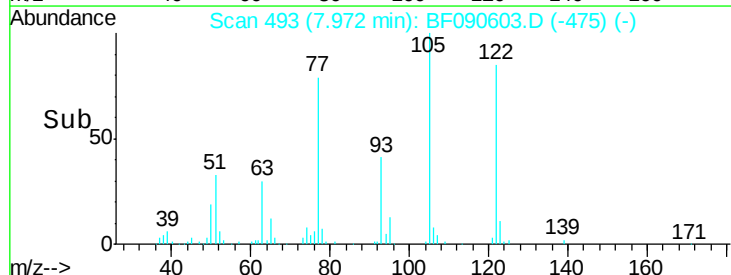
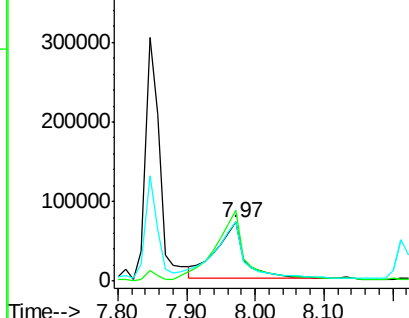


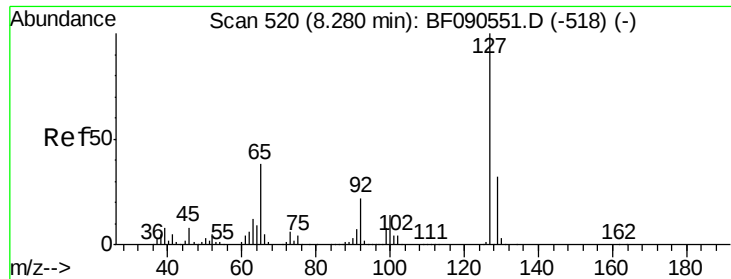
#32
Benzoic acid
Concen: 26.38 ng
RT: 7.97 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.1	141.1
77	99.4	84.7	124.7



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





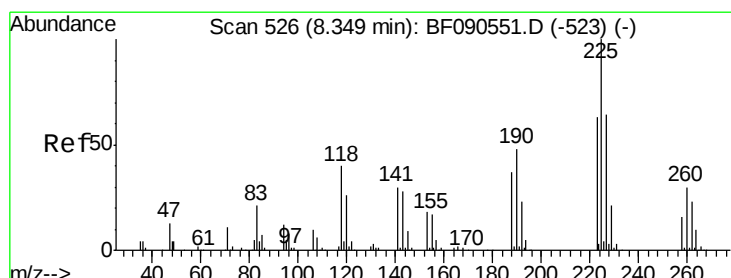
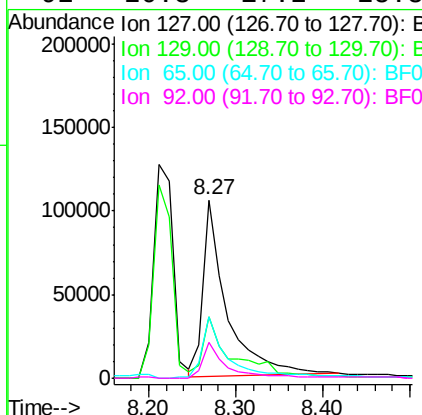
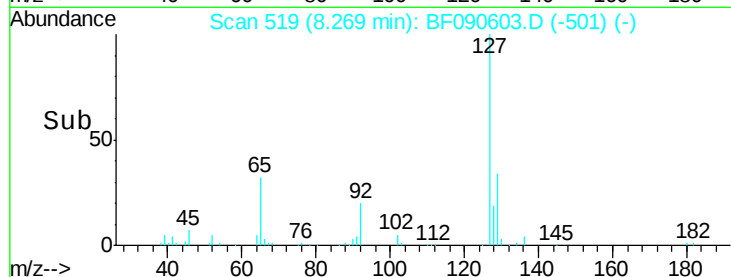
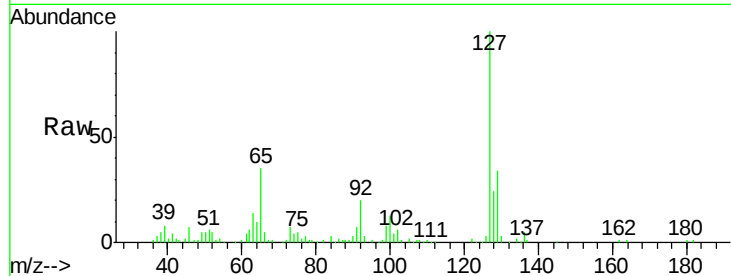
#33
4-Chloroaniline
Concen: 11.04 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196406		
129	34.1	26.2	39.2		
65	34.7	30.1	45.1		
92	20.3	17.2	25.8		

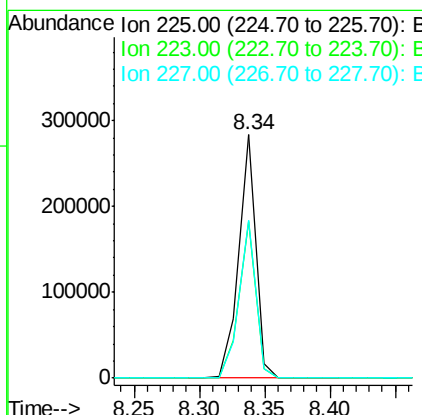
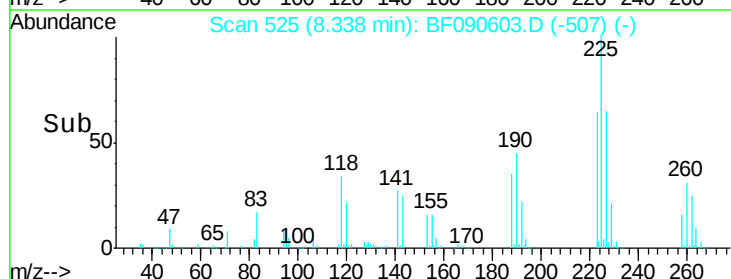
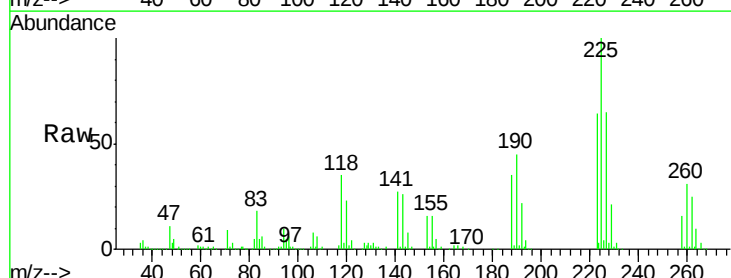
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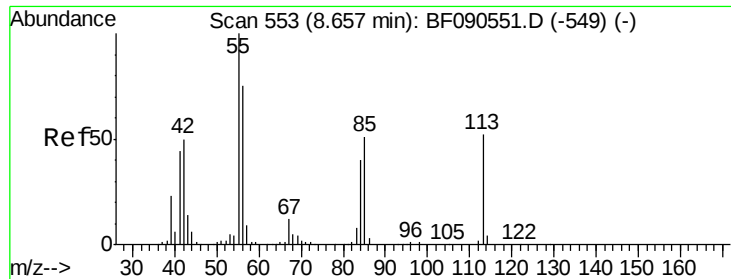
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#34
Hexachlorobutadiene
Concen: 35.13 ng
RT: 8.34 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		255837		
223	64.2	50.6	76.0		
227	64.8	51.4	77.2		





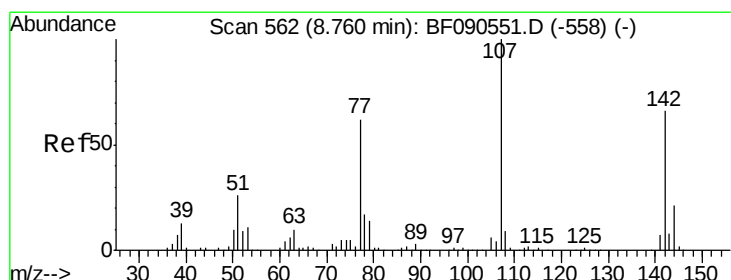
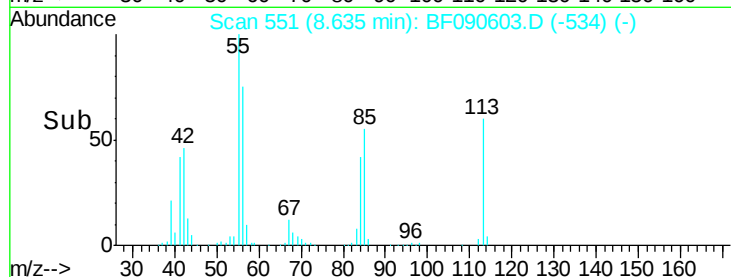
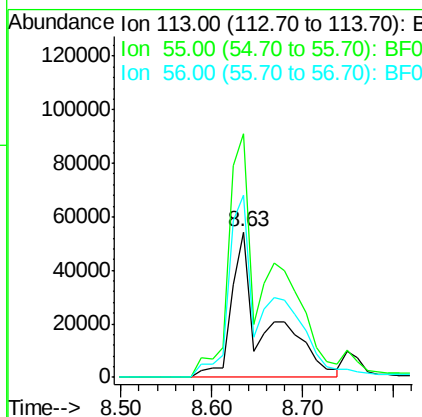
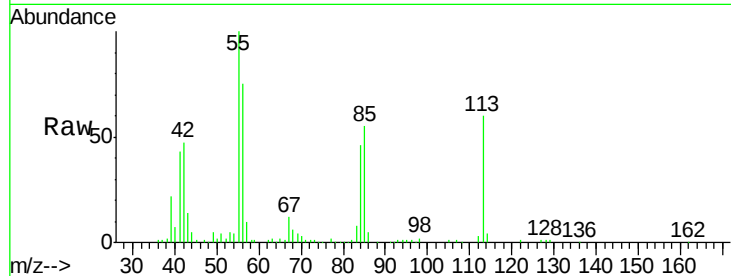
#35
 Caprolactam
 Concen: 45.97 ng/ml
 RT: 8.63 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleID :
 PB94073BS

Tot Ion:113 Resp: 142749
 Ion Ratio Lower Upper
 113 100
 55 167.7 170.8 210.8#
 56 125.9 122.4 162.4

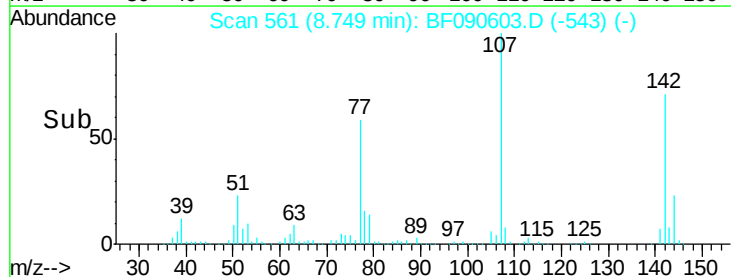
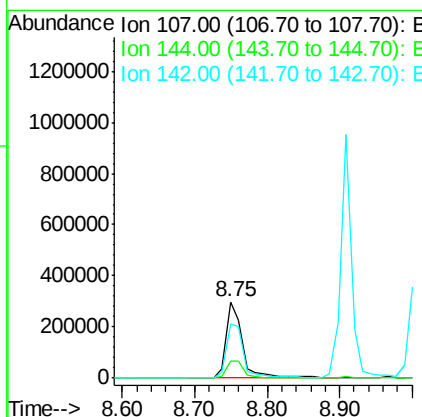
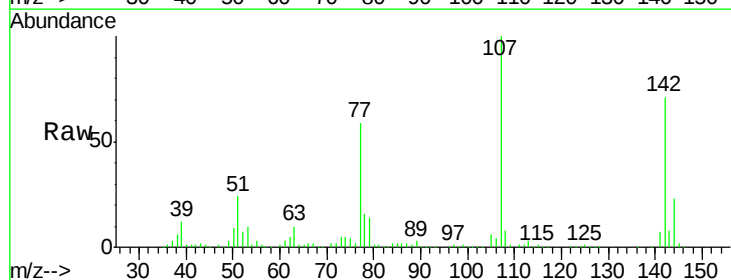
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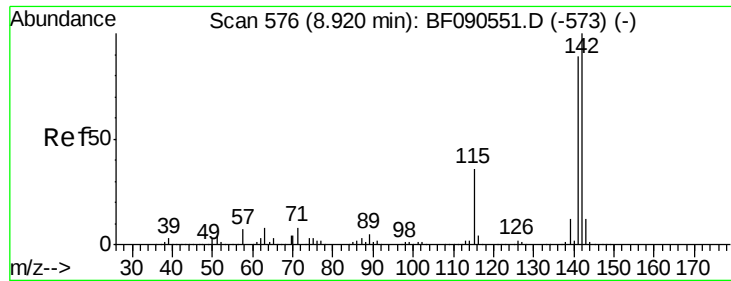
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#36
 4-Chloro-3-methylphenol
 Concen: 36.25 ng/ml
 RT: 8.75 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion:107 Resp: 465396
 Ion Ratio Lower Upper
 107 100
 144 22.6 16.9 25.3
 142 71.1 52.5 78.7





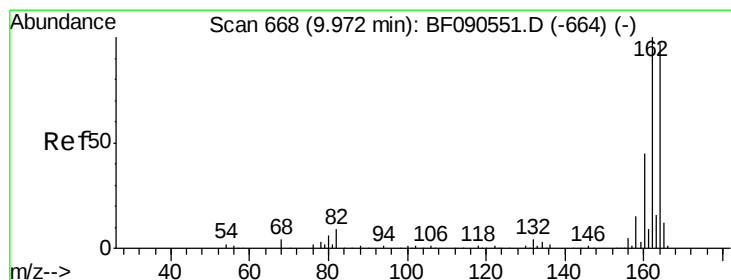
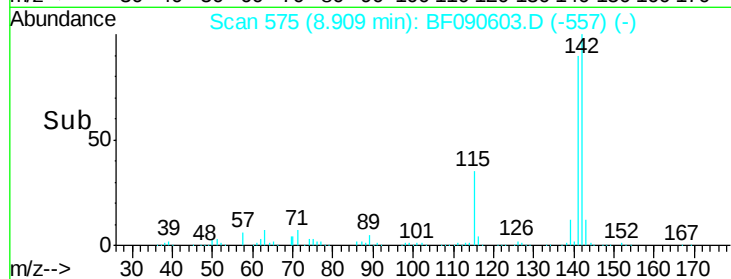
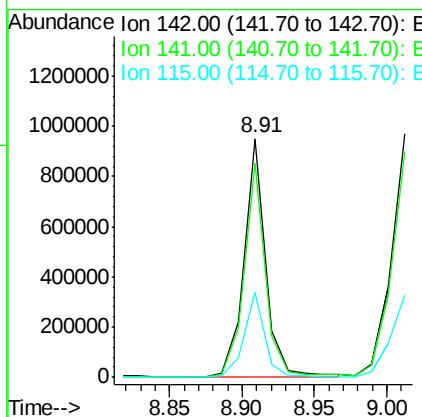
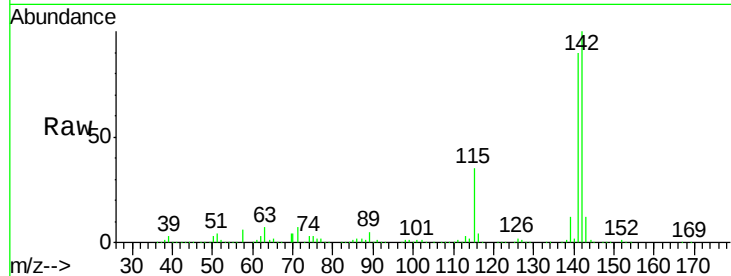
#37
2-Methylnaphthalene
Concen: 35.46 ng
RT: 8.91 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	35.5	28.8	43.2

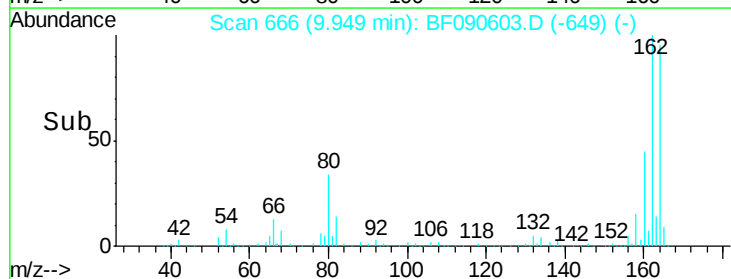
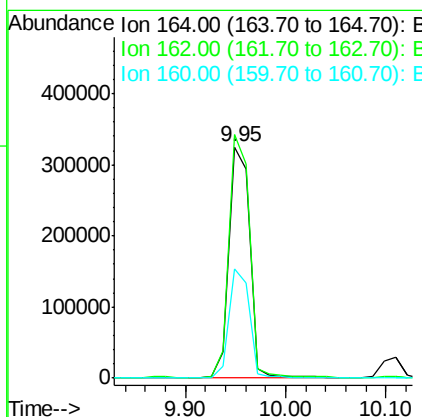
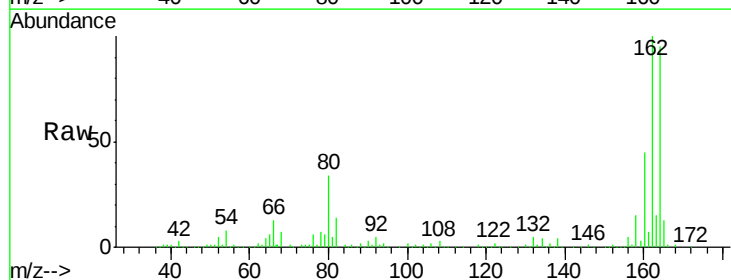
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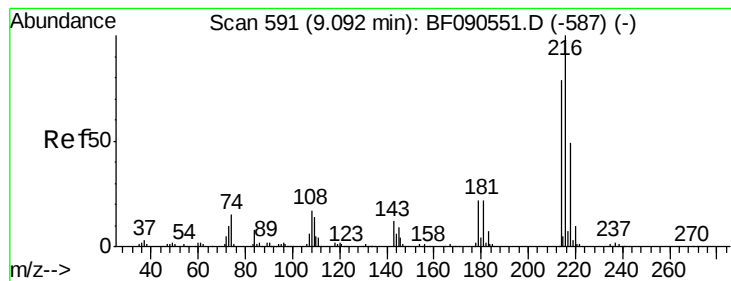
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.4
160	47.5	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.42 ng

RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090603.D

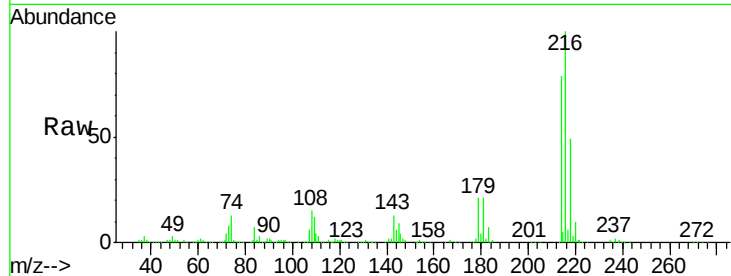
Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

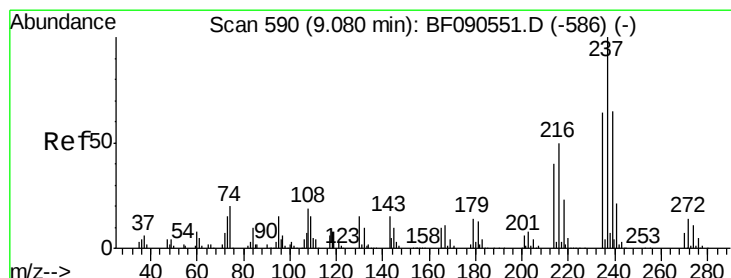
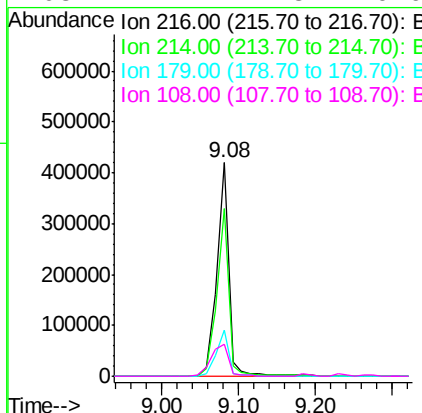
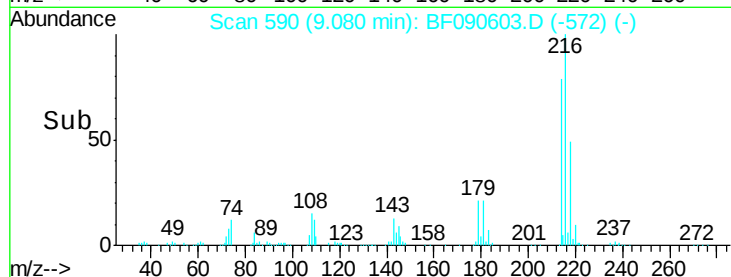
PB94073BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		455785		
214	78.8	63.5	95.3		
179	22.4	18.9	28.3		
108	21.4	17.8	26.6		

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#40

Hexachlorocyclopentadiene

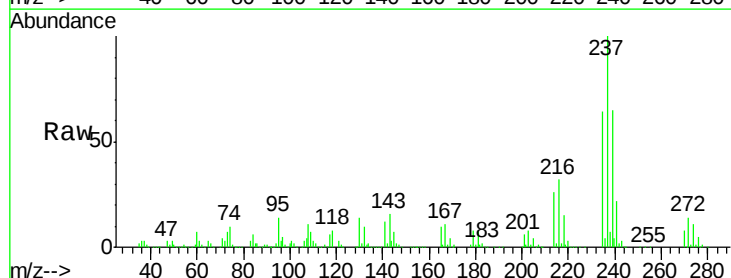
Concen: 82.06 ng

RT: 9.07 min Scan# 589

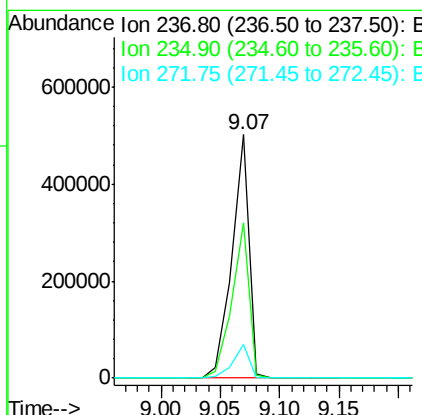
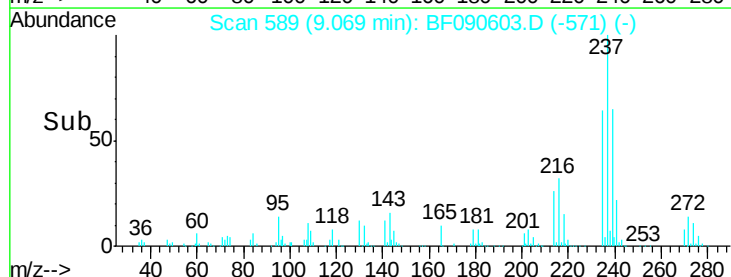
Delta R.T. 0.00 min

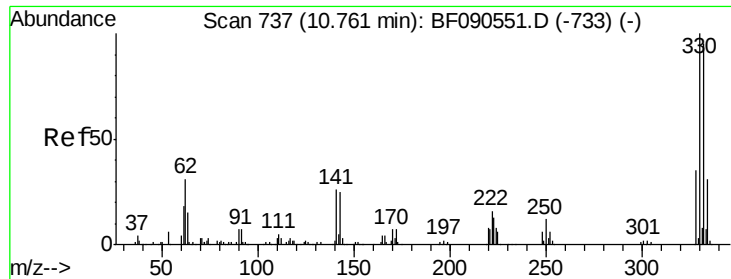
Lab File: BF090603.D

Acq: 17 Oct 2016 12:33



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		501673		
235	63.6	43.8	83.8		
272	13.7	0.0	33.7		





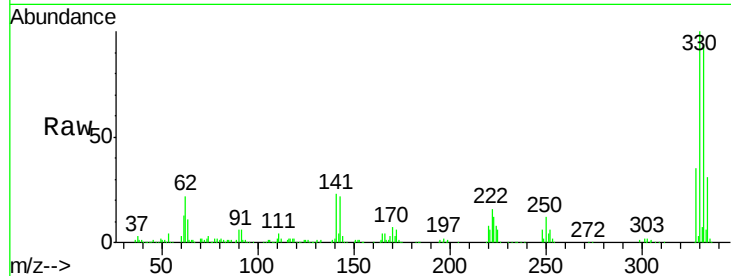
#41
 2,4,6-Tribromophenol
 Concen: 123.36 ng
 RT: 10.75 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

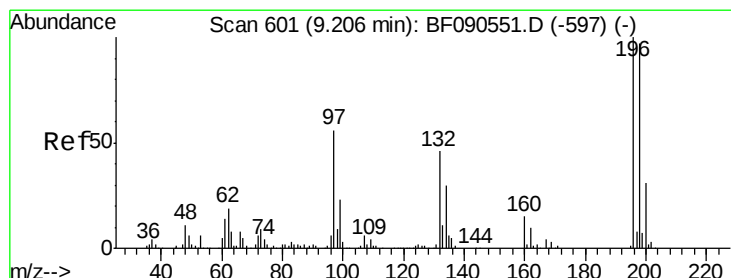
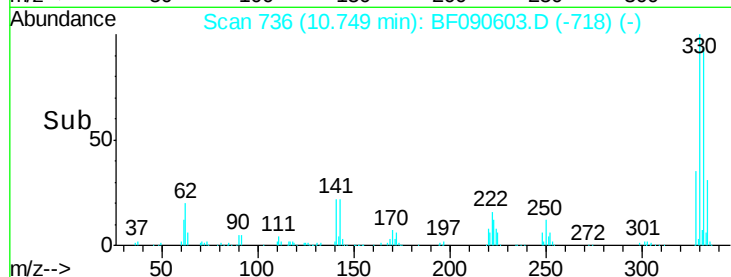
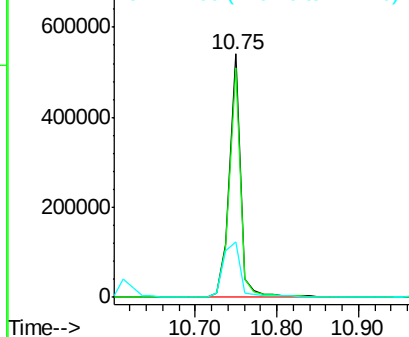
Tot Ion	Ratio	Resp	Lower	Upper
330	100	519137		
332	94.6	76.2	114.2	
141	33.5	31.4	47.2	

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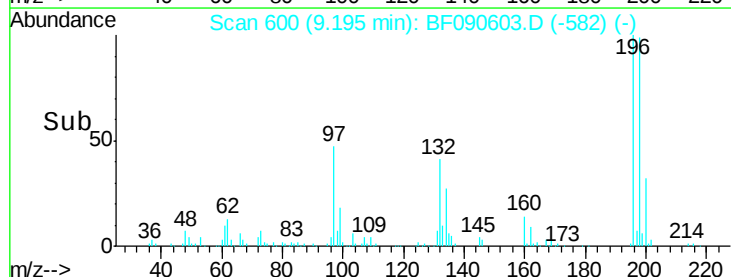
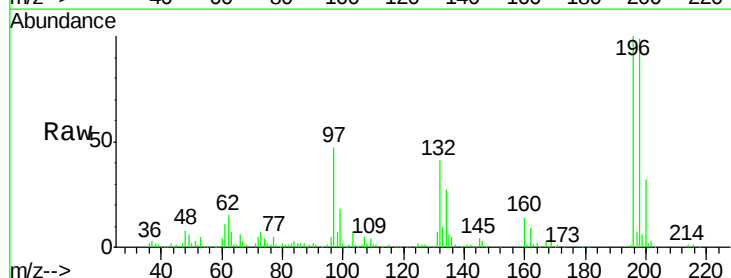
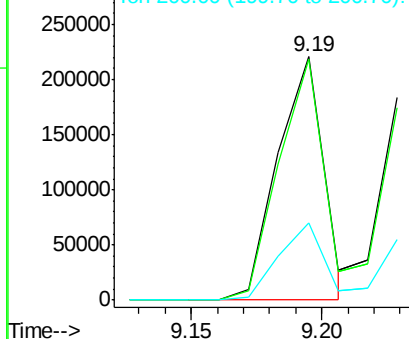
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

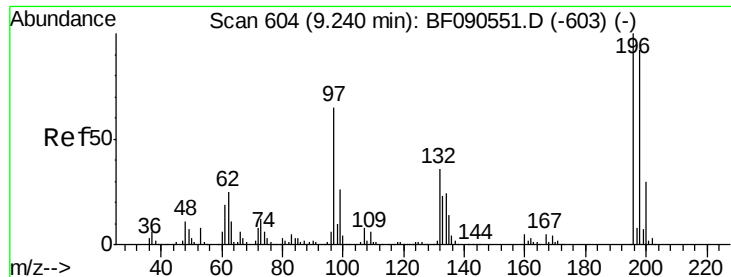


#42
 2,4,6-Trichlorophenol
 Concen: 38.02 ng
 RT: 9.19 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268367		
198	98.8	77.9	116.9	
200	31.8	25.1	37.7	

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





#43

2,4,5-Trichlorophenol

Concen: 35.85 ng

RT: 9.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

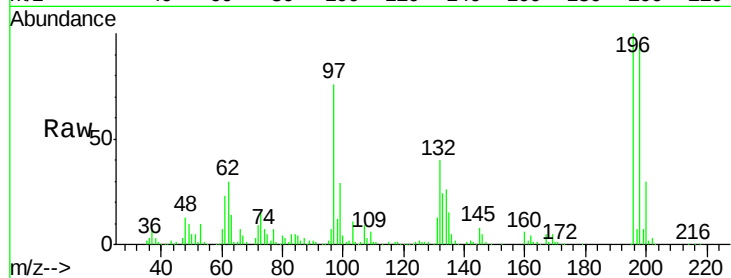
ClientSampleId :

PB94073BS

Tot Ion:	196	Resp:	301903
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.0	111.0
97	76.1	54.7	82.1
132	40.3	30.5	45.7

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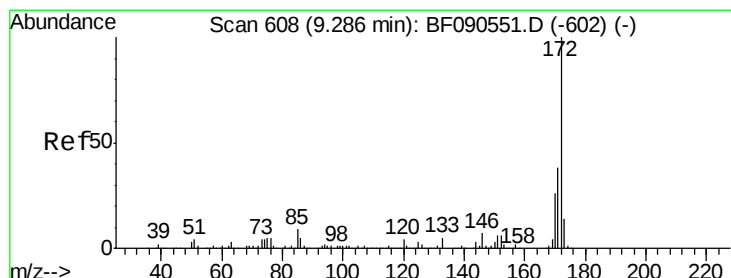
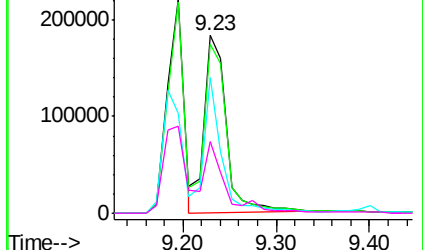
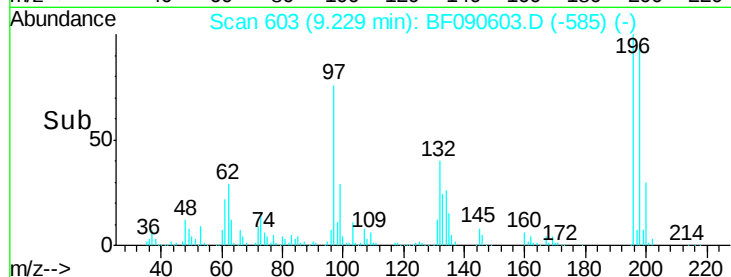


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 69.67 ng

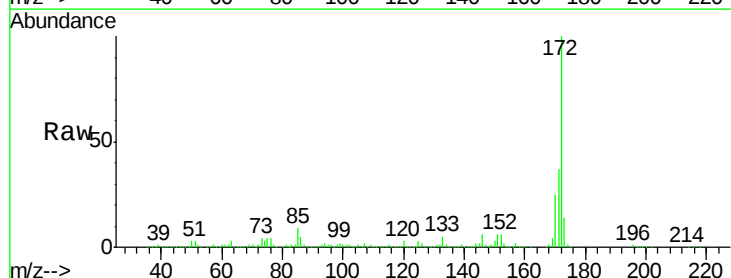
RT: 9.27 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

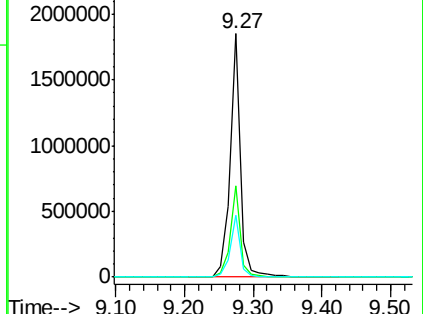
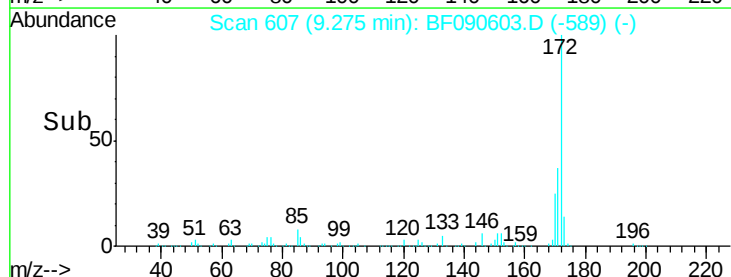
Tgt Ion:	172	Resp:	1995838
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.1	45.1
170	25.5	20.6	30.8

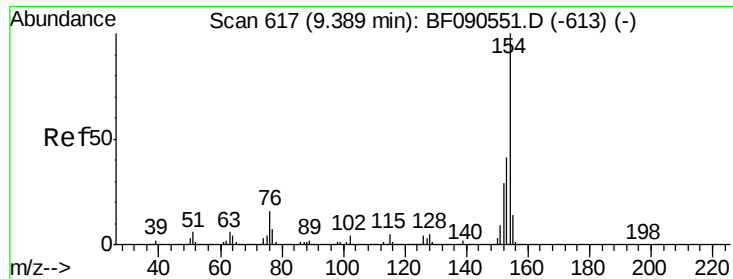


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.21 ng

RT: 9.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:154 Resp: 1264605

Ion Ratio Lower Upper

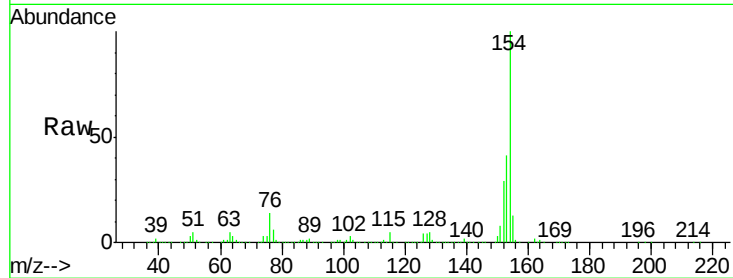
154 100

153 40.8 21.5 61.5

76 13.7 0.0 36.0

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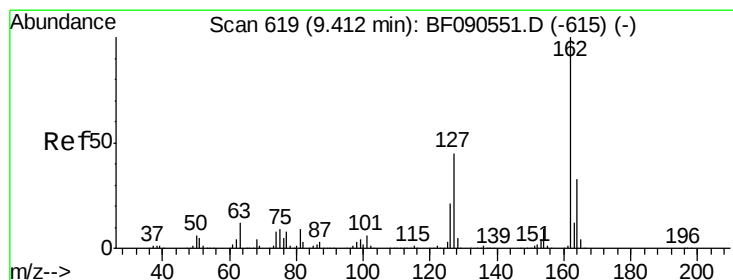
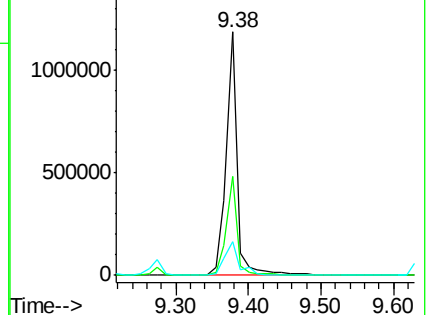
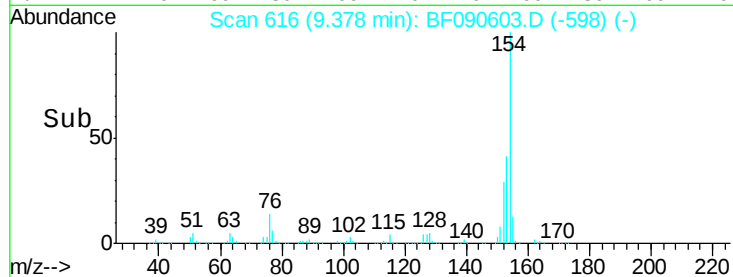
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.59 ng

RT: 9.40 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

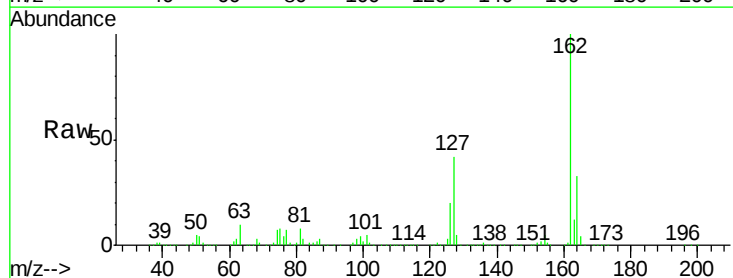
Tgt Ion:162 Resp: 980017

Ion Ratio Lower Upper

162 100

127 42.1 35.9 53.9

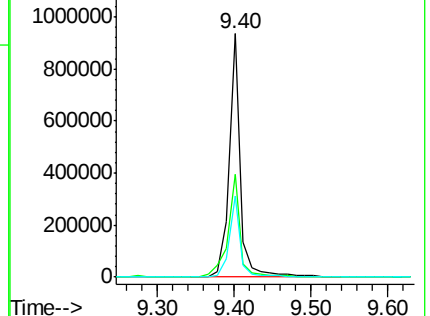
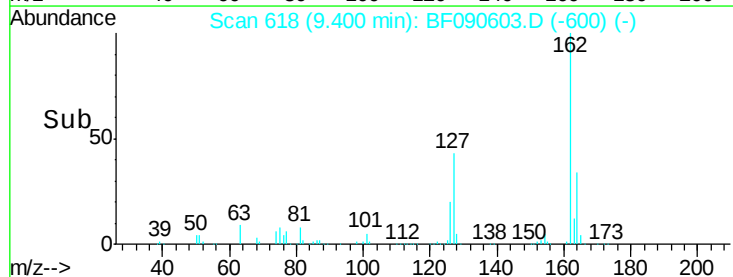
164 33.5 26.7 40.1

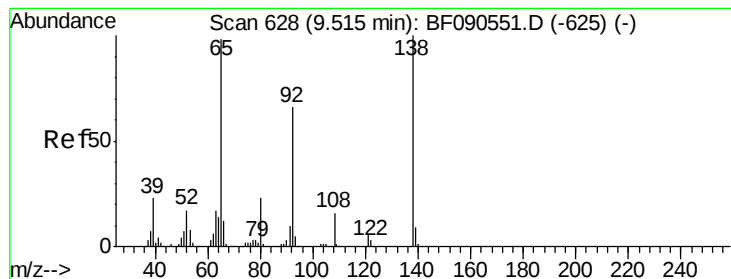


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





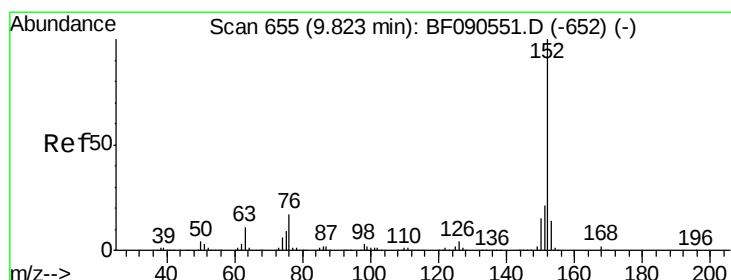
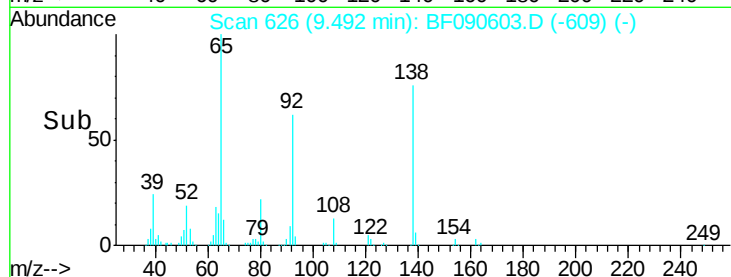
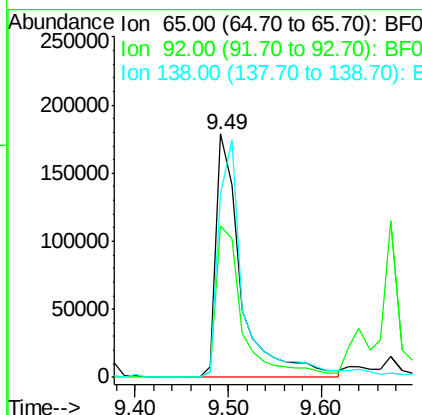
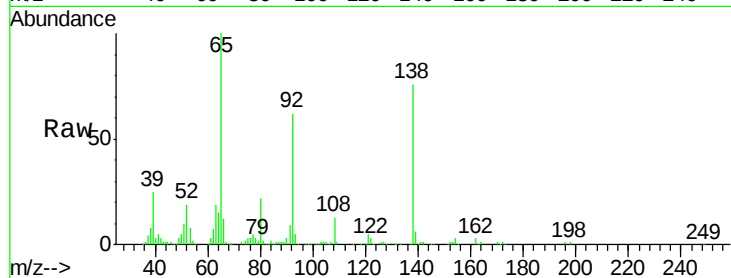
#47
2-Nitroaniline
Concen: 34.27 ng
RT: 9.49 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.0	54.3	81.5
138	75.6	81.7	122.5

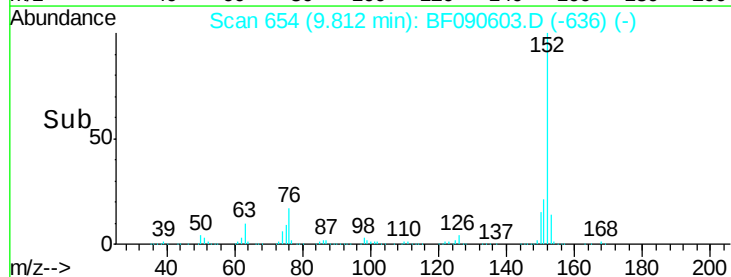
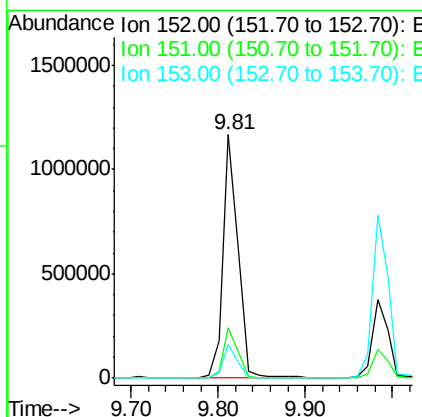
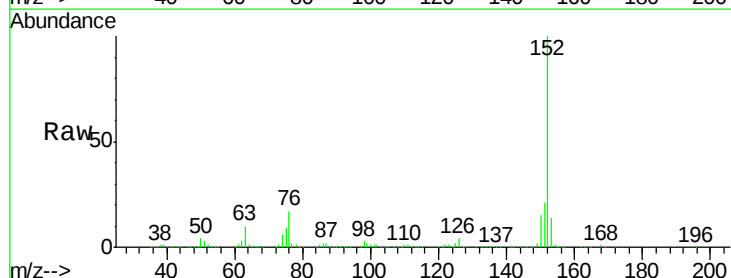
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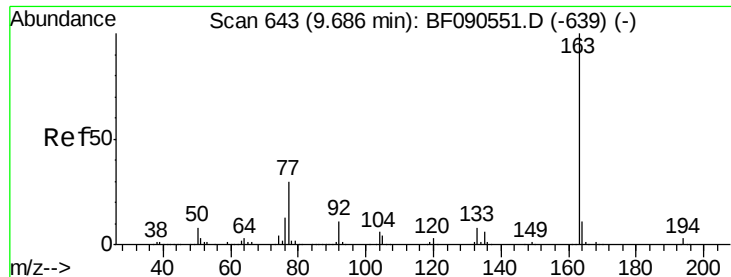
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#48
Acenaphthylene
Concen: 33.05 ng
RT: 9.81 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.8	11.3	16.9





#49

Dimethylphthalate

Concen: 34.07 ng

RT: 9.67 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tot Ion:163 Resp: 1043547

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

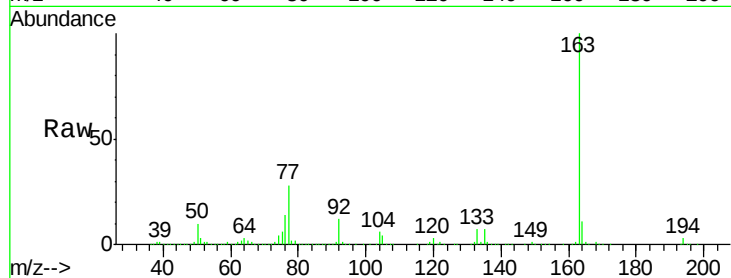
164 10.7 8.6 13.0

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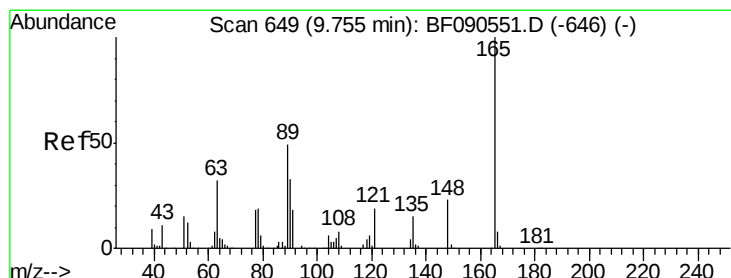
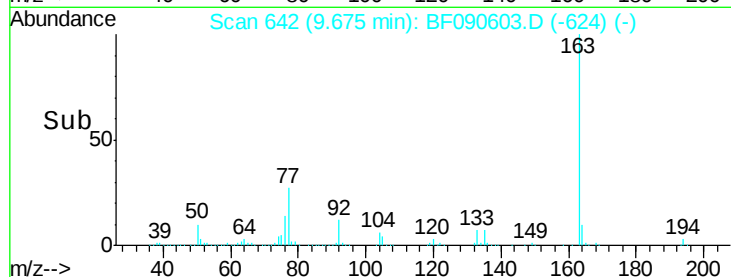
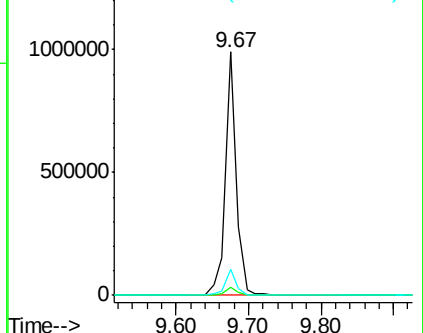
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.86 ng

RT: 9.74 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

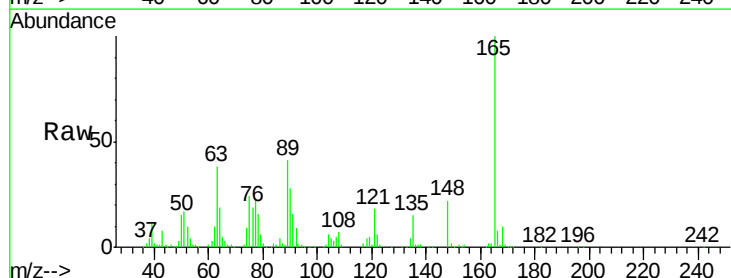
Tgt Ion:165 Resp: 240326

Ion Ratio Lower Upper

165 100

63 38.3 40.1 60.1#

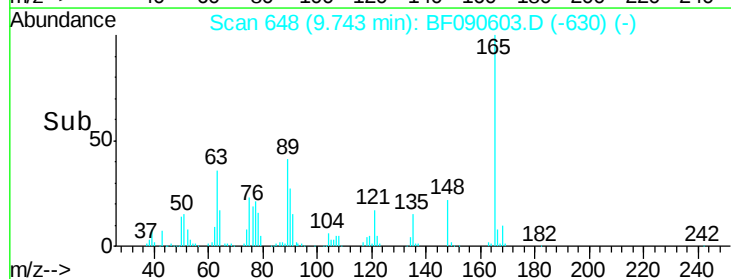
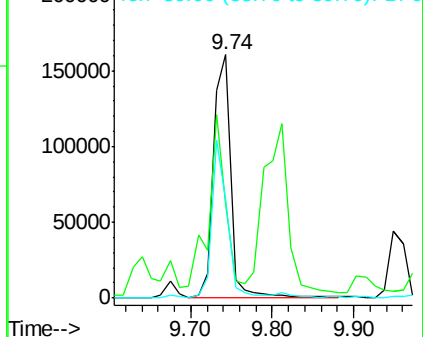
89 40.7 39.5 59.3

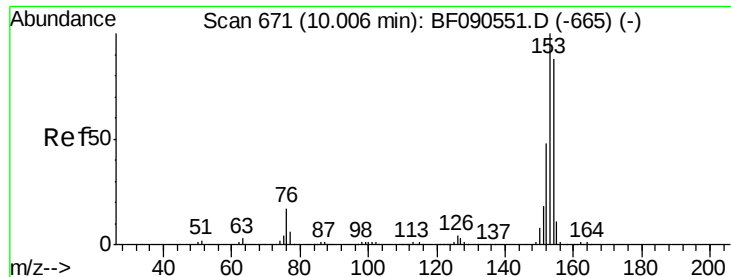


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.31 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:154 Resp: 1001021

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

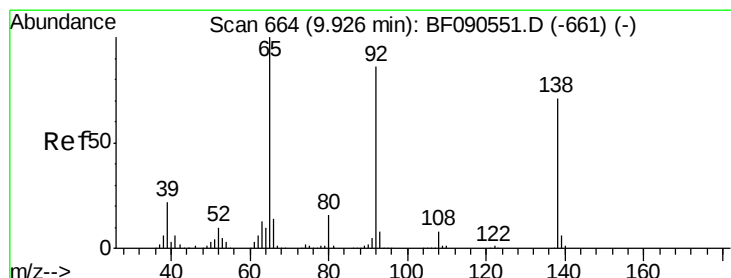
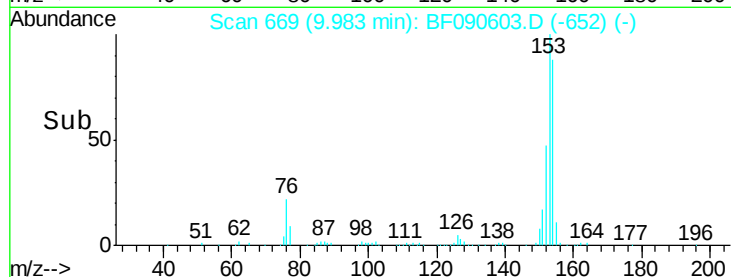
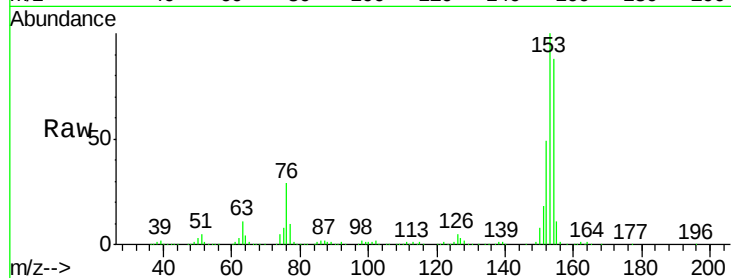
152 55.4 44.0 66.0

Manual Integrations

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#52

3-Nitroaniline

Concen: 16.05 ng

RT: 9.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

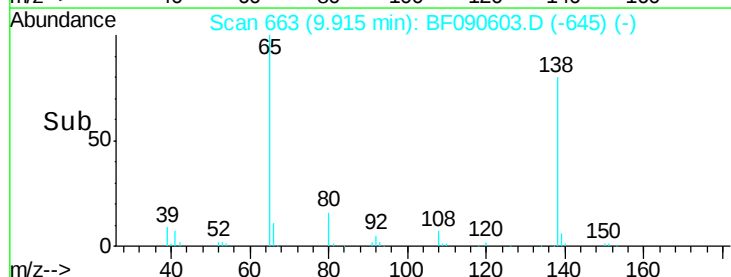
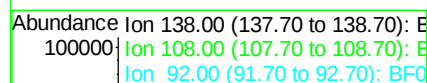
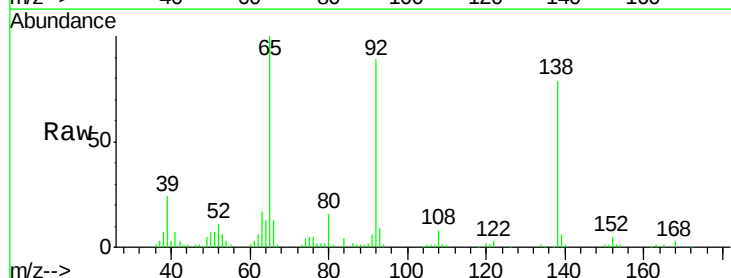
Tgt Ion:138 Resp: 134980

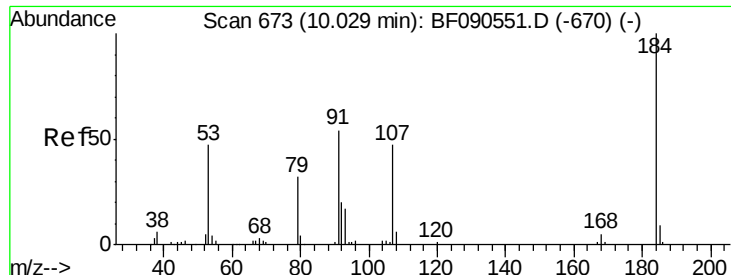
Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 112.5 97.8 146.8





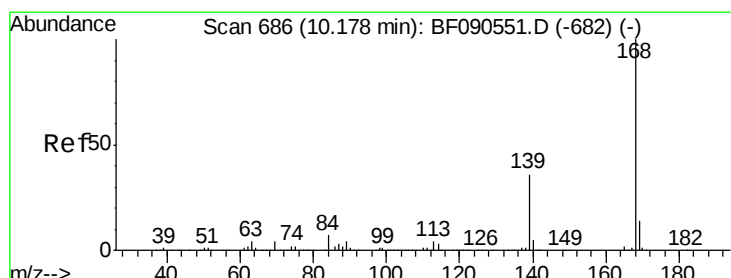
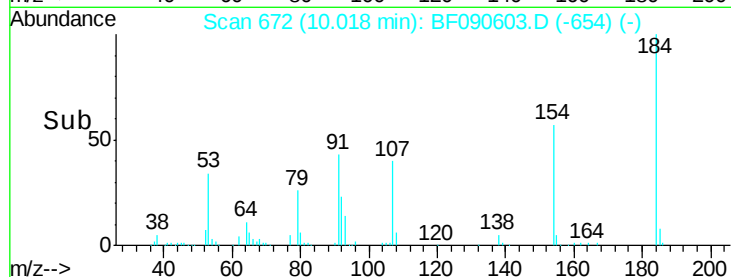
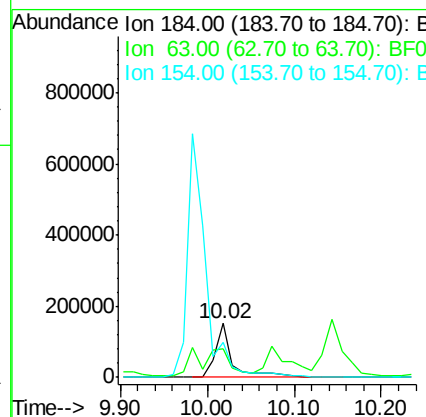
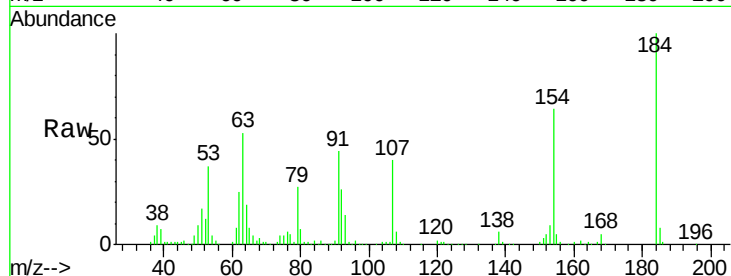
#53
2,4-Dinitrophenol
Concen: 60.70 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	215464		
63	53.3	60.2	90.2#	
154	63.9	86.1	129.1#	

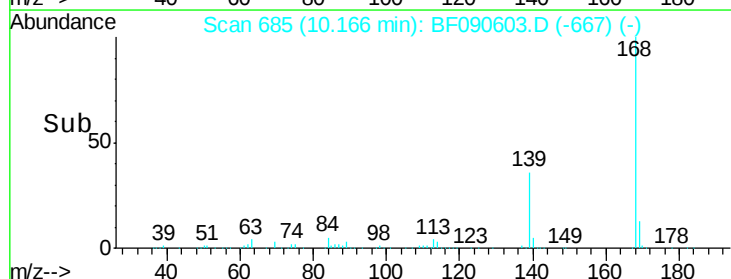
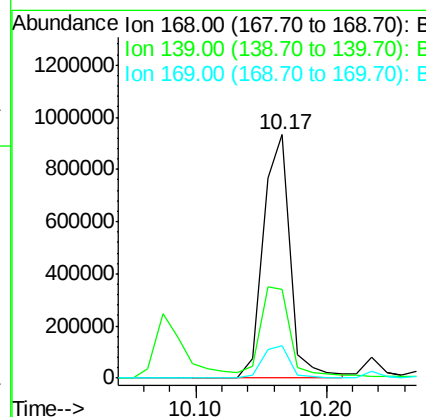
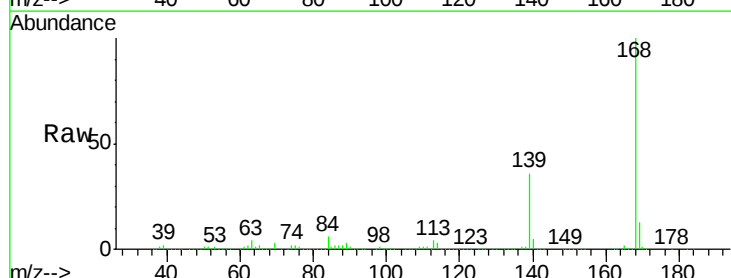
Manual Integrations
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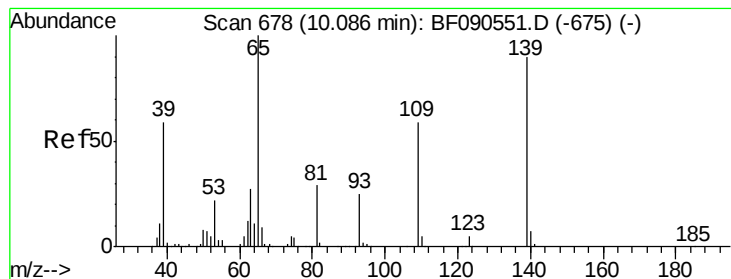
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#54
Dibenzofuran
Concen: 35.59 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1326994		
139	36.3	30.5	45.7	
169	13.5	10.9	16.3	





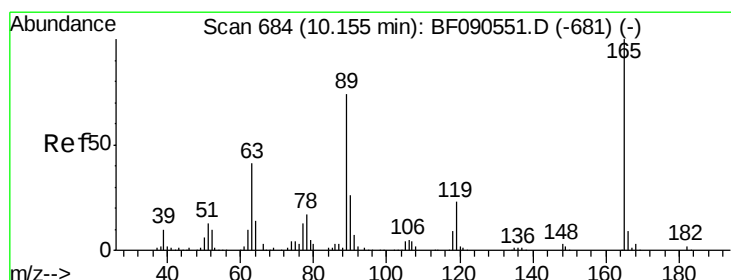
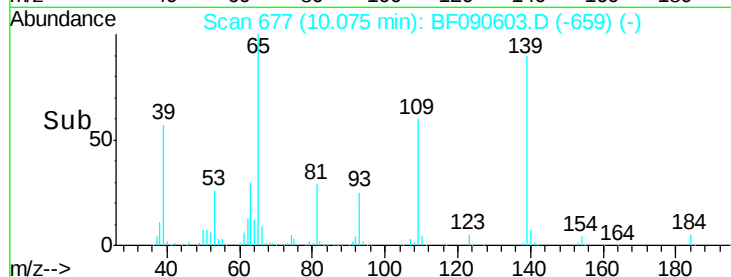
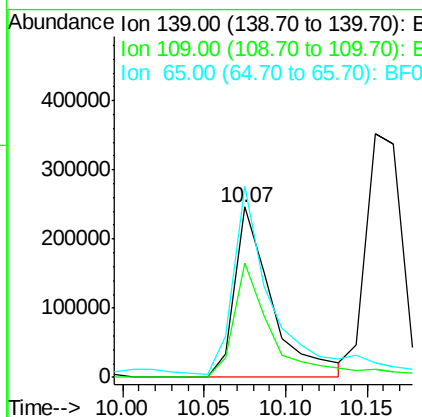
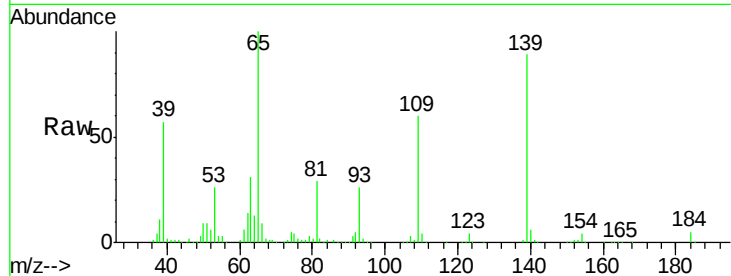
#55
4-Nitrophenol
Concen: 76.86 ng
RT: 10.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.0	45.9	85.9	
65	112.4	95.8	135.8	

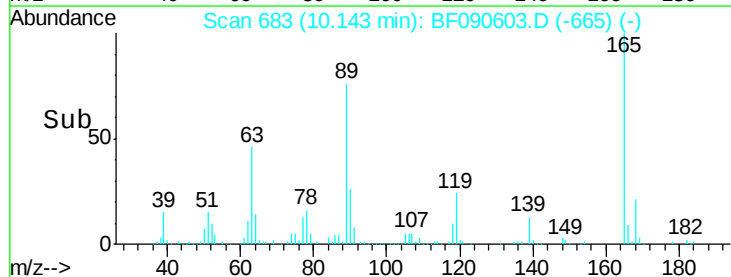
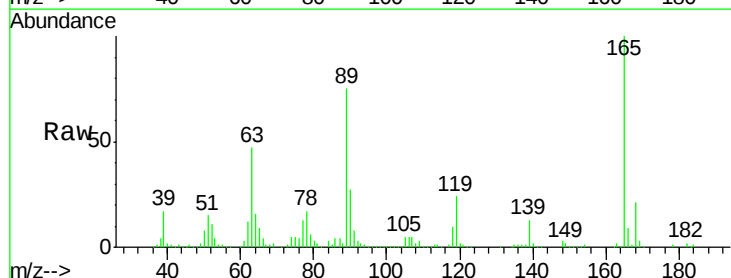
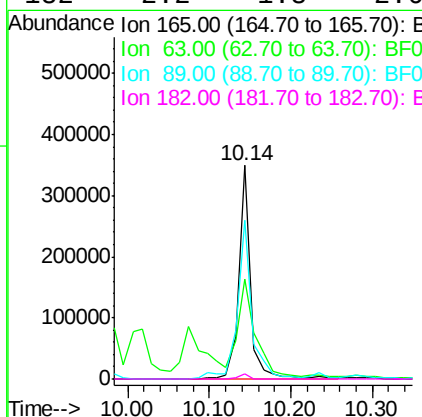
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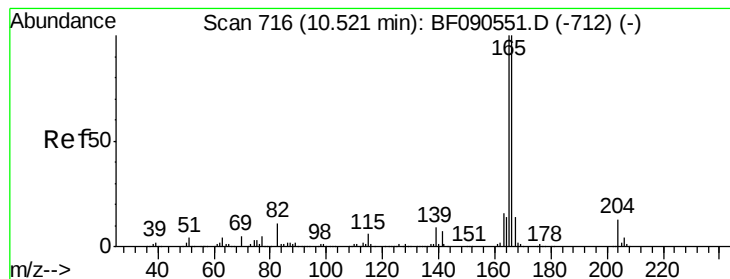
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#56
2,4-Dinitrotoluene
Concen: 39.21 ng
RT: 10.14 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.6	35.4	53.0	
89	74.5	59.0	88.4	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 35.06 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:166 Resp: 1078196

Ion Ratio Lower Upper

166 100

165 98.7 79.9 119.9

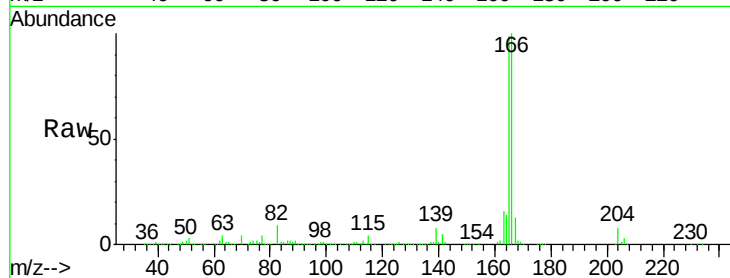
167 13.3 10.9 16.3

Manual Integrations

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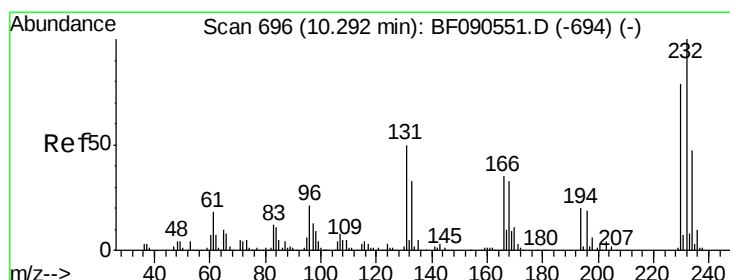
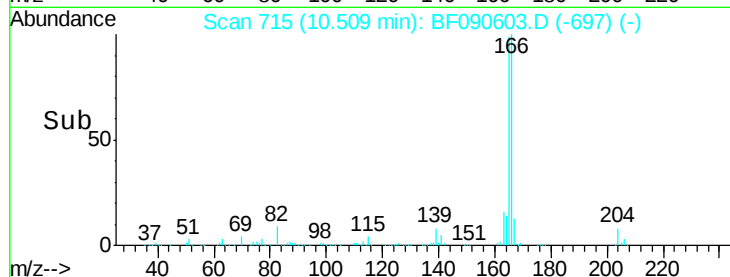
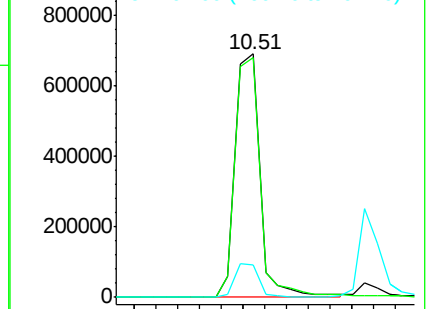
10/18/2016 6:05:30 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.98 ng

RT: 10.28 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:232 Resp: 266407

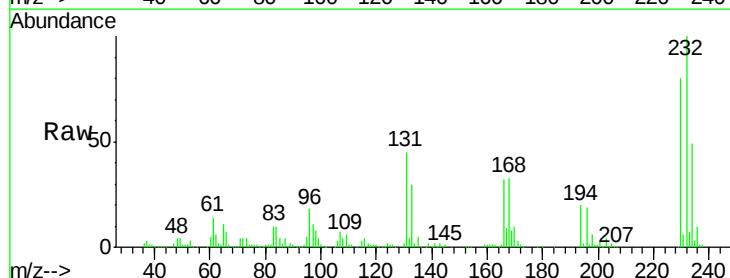
Ion Ratio Lower Upper

232 100

131 48.7 42.6 64.0

130 2.3 1.8 2.8

166 32.6 27.5 41.3

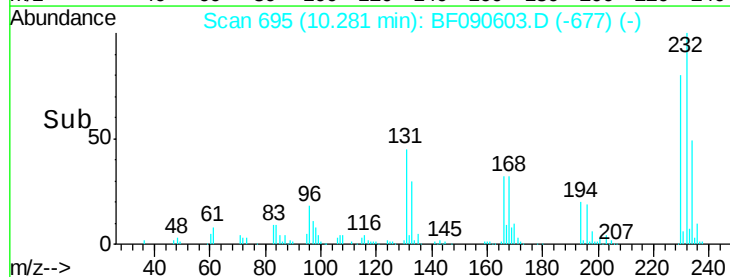
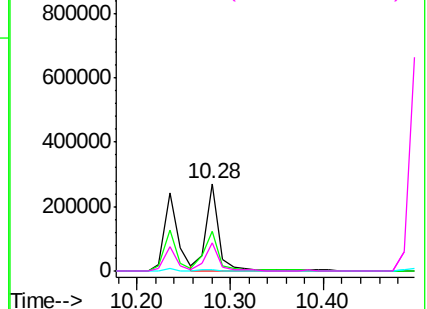


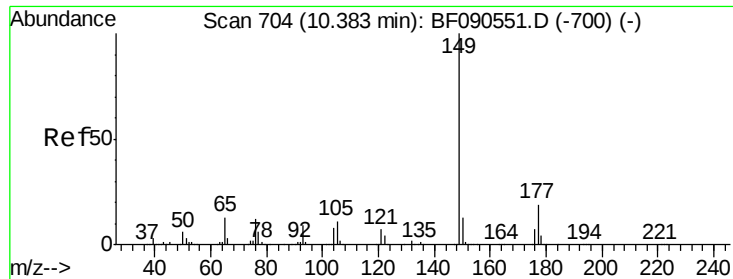
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





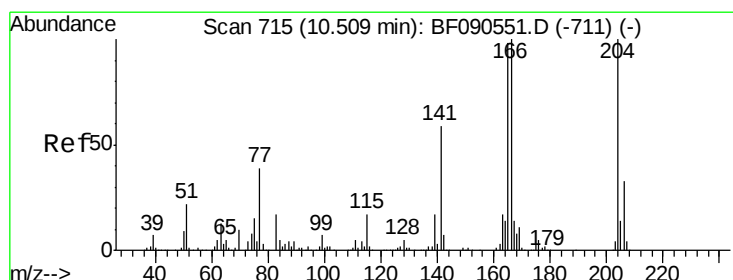
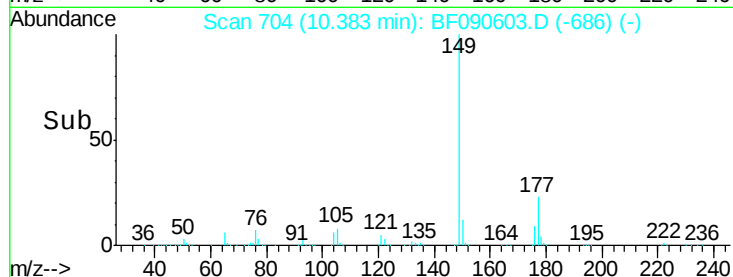
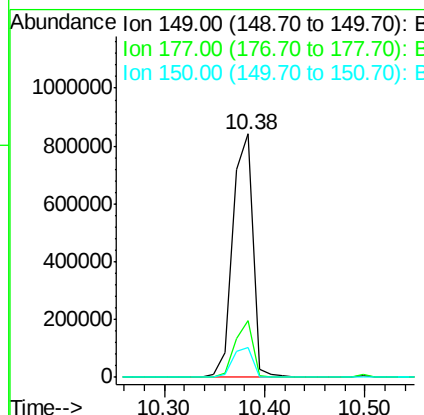
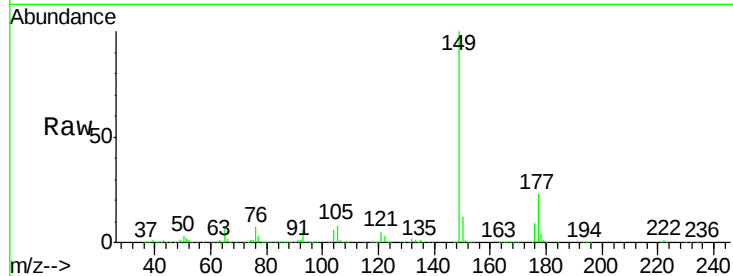
#59
Diethylphthalate
Concen: 37.69 ng
RT: 10.38 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion:149 Resp: 1170601
Ion Ratio Lower Upper
149 100
177 23.3 15.3 22.9#
150 12.4 10.3 15.5

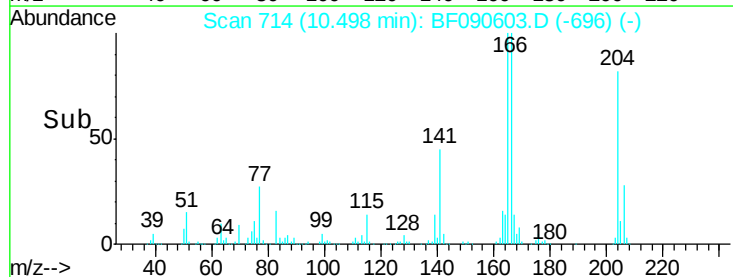
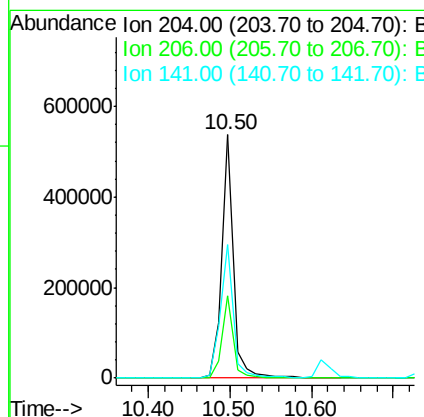
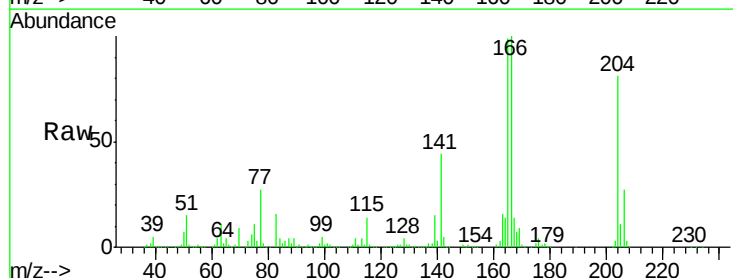
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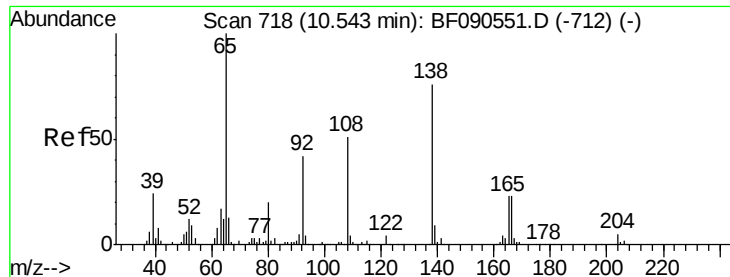
SOHIL
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#60
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:204 Resp: 536075
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 54.6 47.2 70.8





#61

4-Nitroaniline

Concen: 32.46 ng

RT: 10.53 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

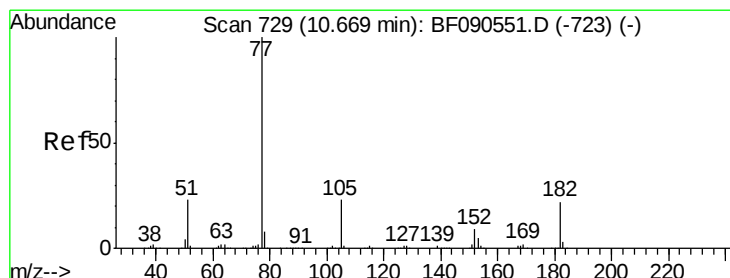
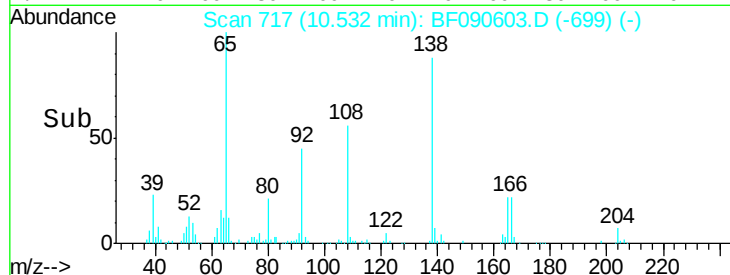
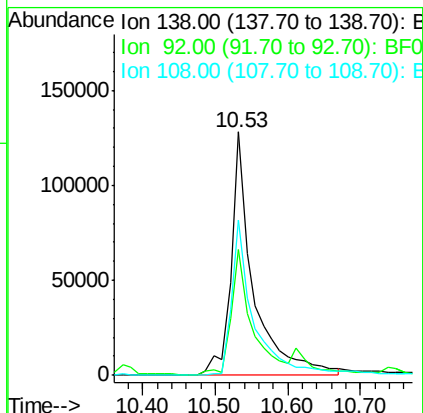
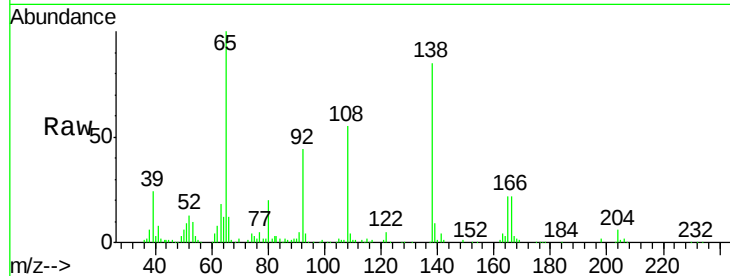
ClientSampleId :

PB94073BS

Tot Ion:	138	Resp:	273702
Ion Ratio	Lower	Upper	
138	100		
92	51.6	35.7	75.7
108	63.9	46.9	86.9

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#62

Azobenzene

Concen: 38.75 ng

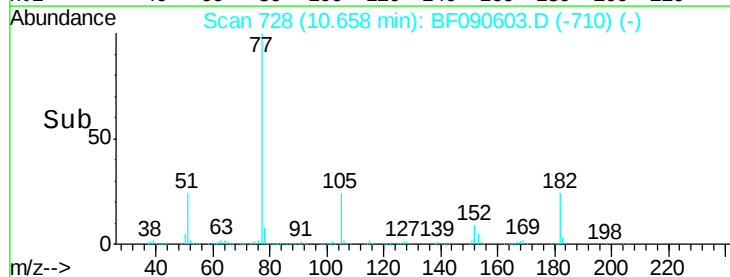
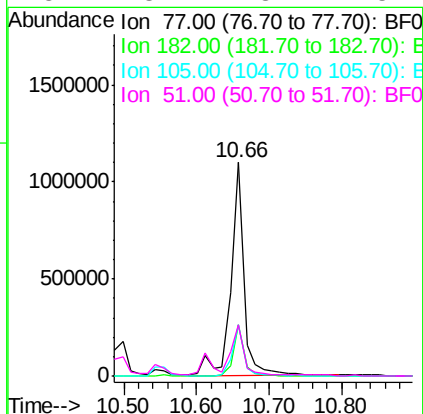
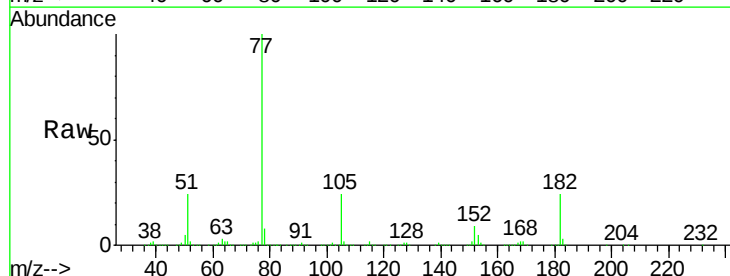
RT: 10.66 min Scan# 728

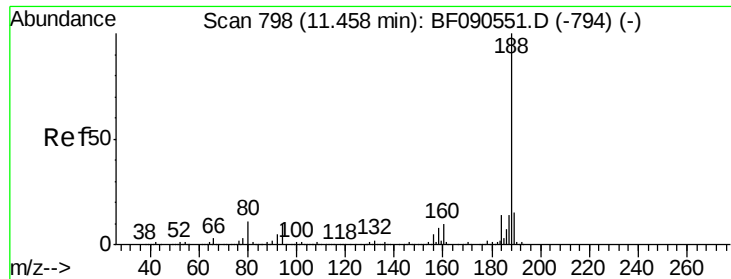
Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:	77	Resp:	1392205
Ion Ratio	Lower	Upper	
77	100		
182	23.9	2.2	42.2
105	24.2	3.5	43.5
51	23.7	3.7	43.7





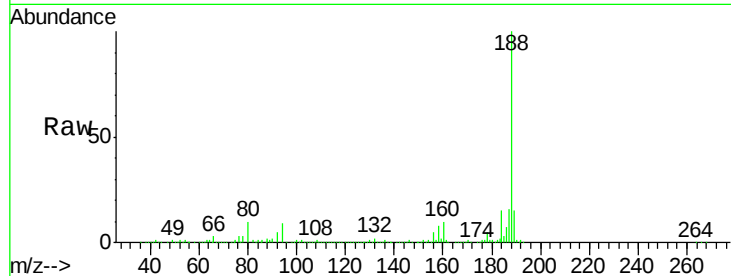
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

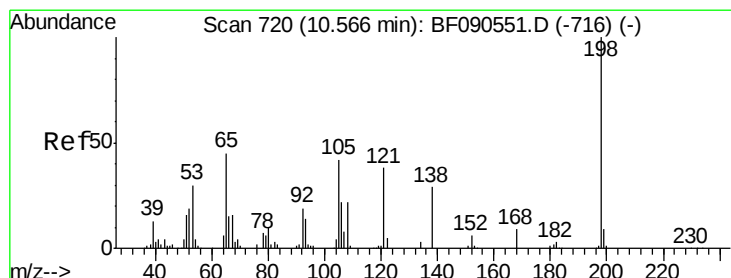
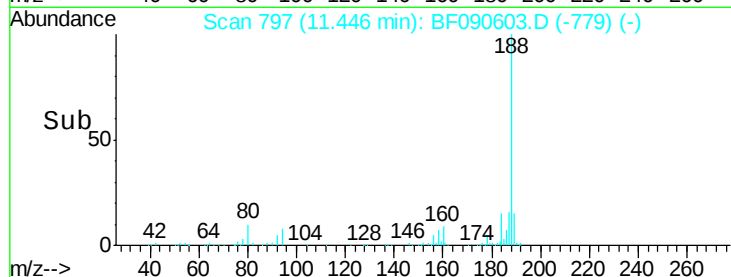
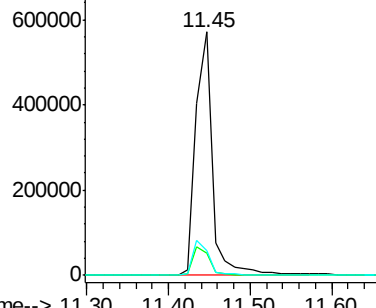
Tot Ion	Ratio	Resp	Lower	Upper
188	100	808541		
94	8.9		7.7	11.5
80	10.2		8.6	12.8

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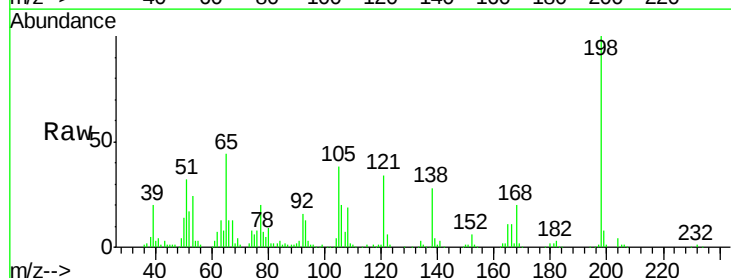


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

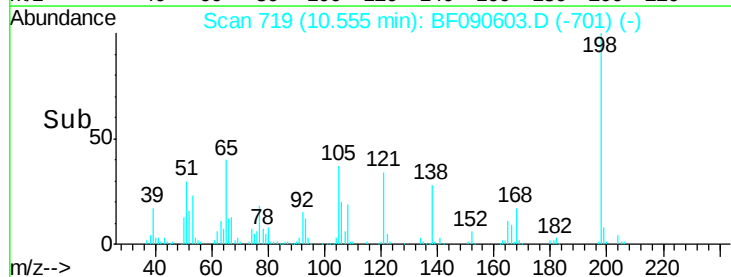
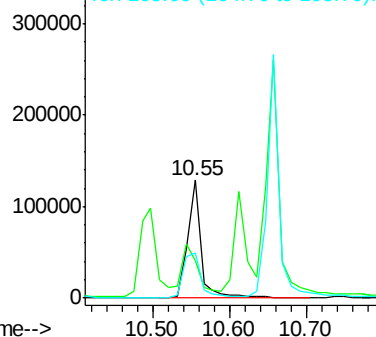


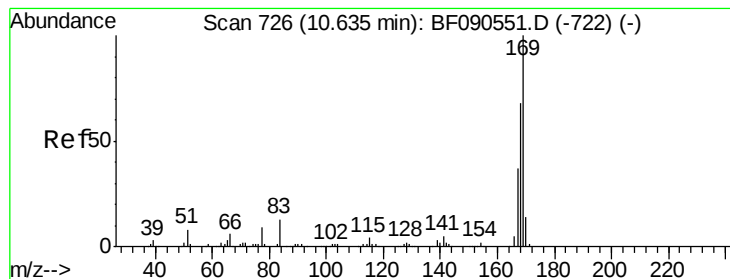
#64
4,6-Dinitro-2-methylphenol
Concen: 32.03 ng
RT: 10.55 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	156727		
51	32.3		19.7	59.7
105	38.1		22.6	62.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.13 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:169 Resp: 911570

Ion Ratio Lower Upper

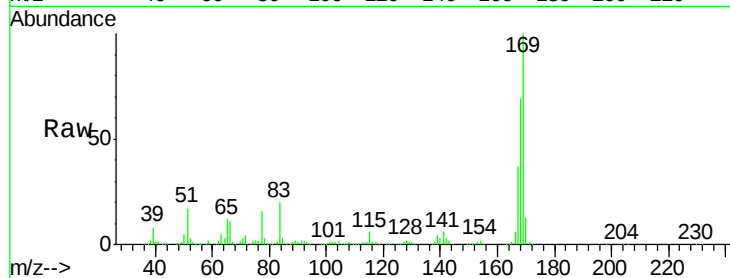
169 100

168 68.7 54.6 81.8

167 37.3 29.8 44.8

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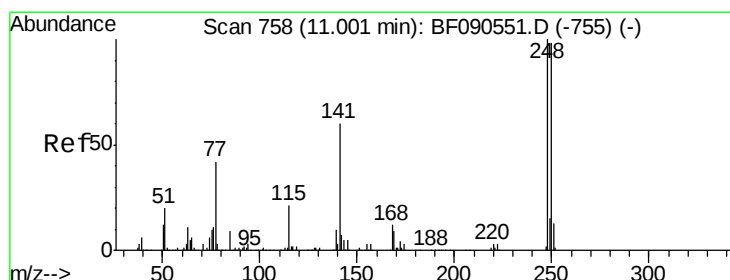
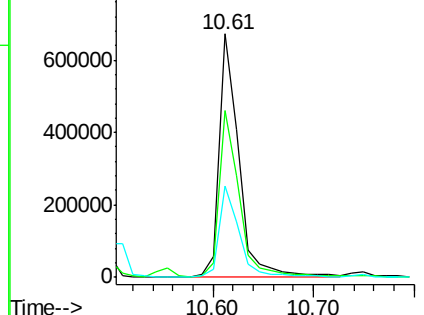
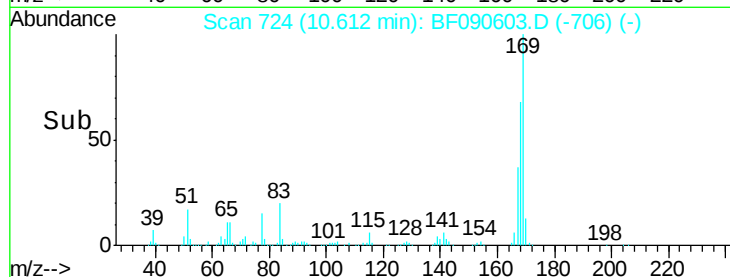
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.29 ng

RT: 10.99 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

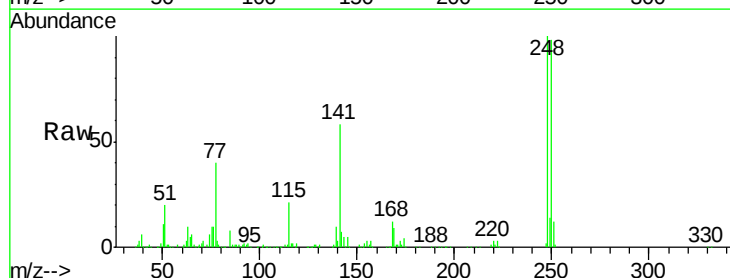
Tgt Ion:248 Resp: 297470

Ion Ratio Lower Upper

248 100

250 98.5 78.4 117.6

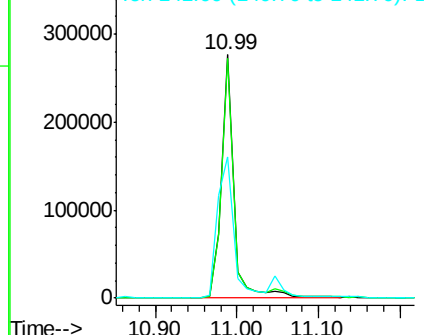
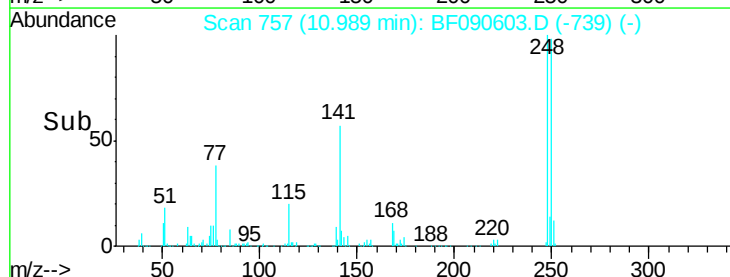
141 58.0 48.4 72.6

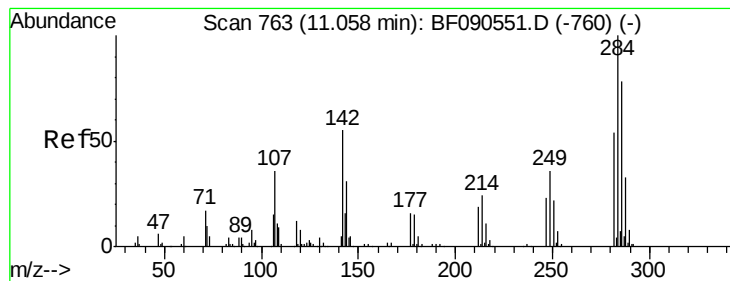


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





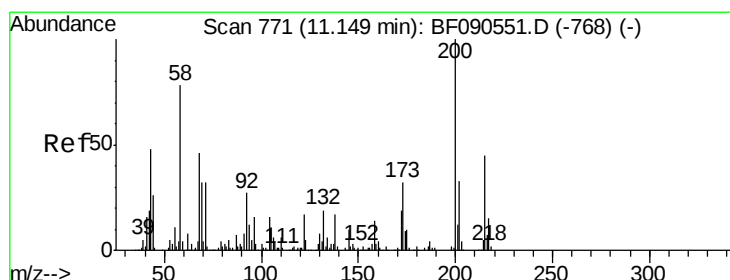
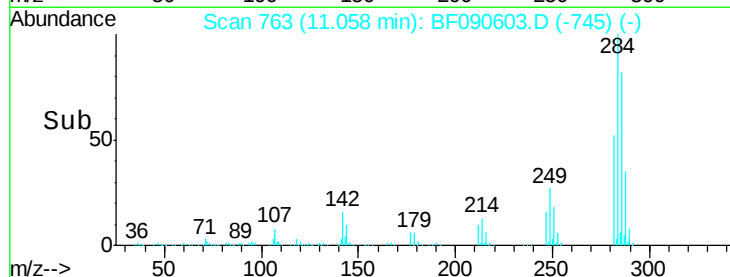
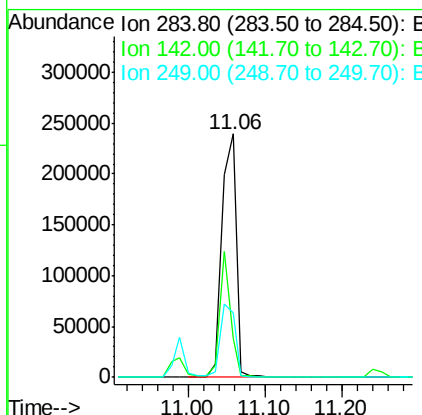
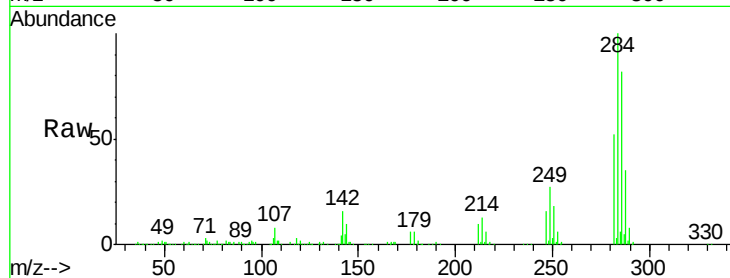
#67
Hexachlorobenzene
Concen: 33.98 ng
RT: 11.06 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	320110		
142	15.7	44.5	66.7#	
249	26.6	29.6	44.4#	

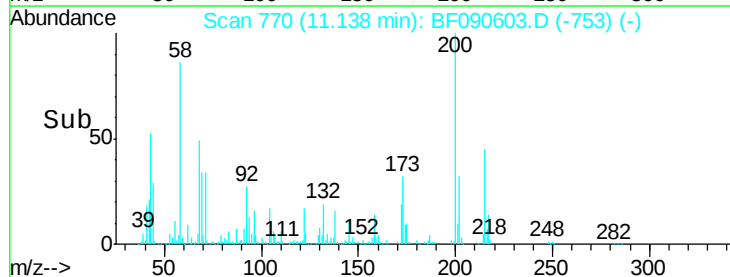
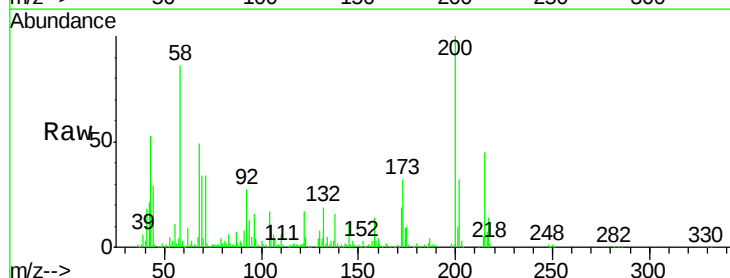
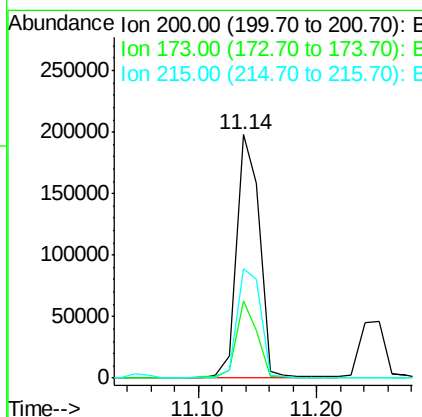
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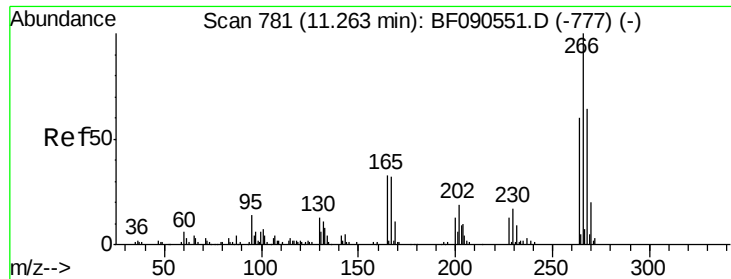
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#68
Atrazine
Concen: 36.20 ng
RT: 11.14 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267377		
173	32.0	12.0	52.0	
215	44.7	25.2	65.2	





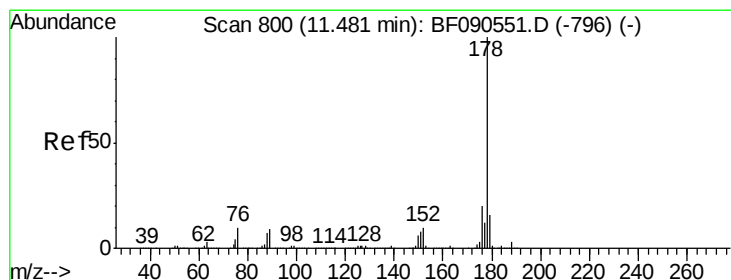
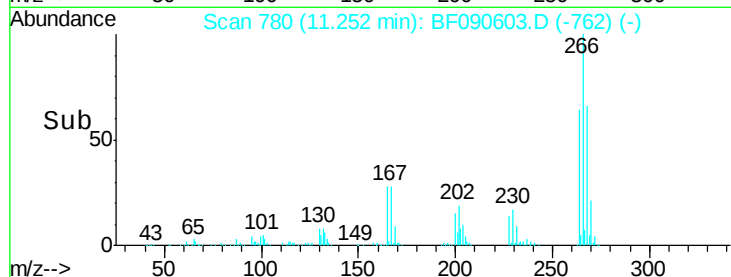
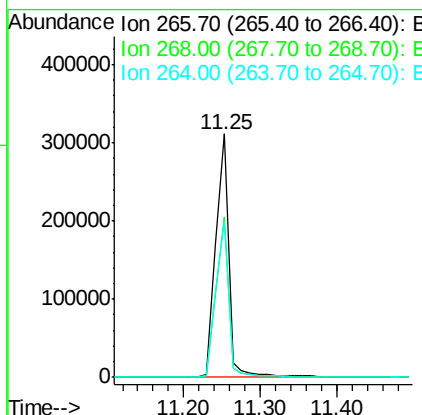
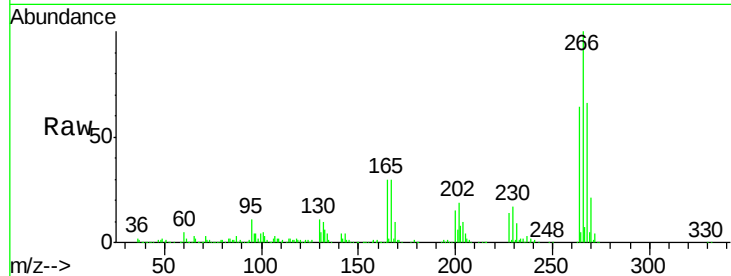
#69
 Pentachlorophenol
 Concen: 78.93 ng
 RT: 11.25 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	368490		
268	66.2	51.5	77.3	
264	64.2	47.9	71.9	

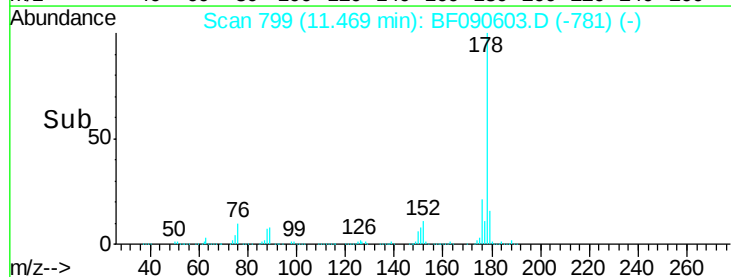
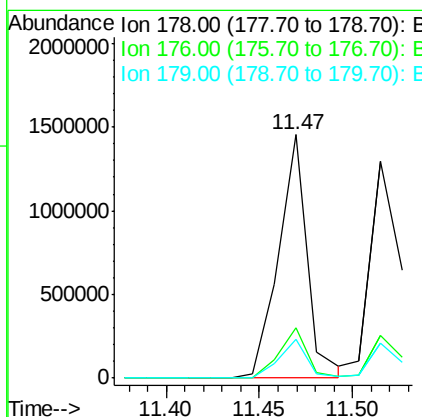
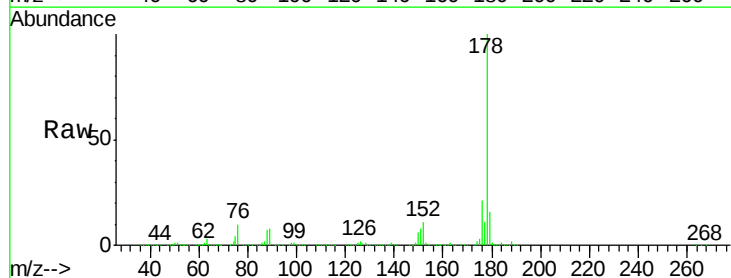
Manual Integrations
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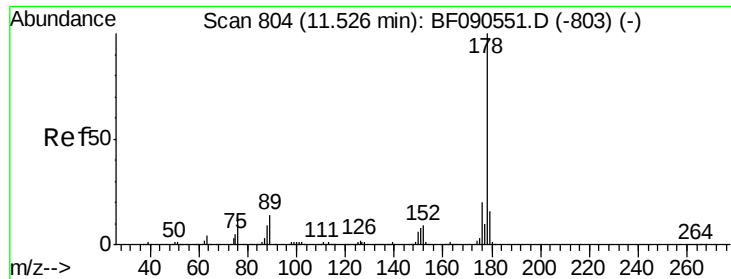
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#70
 Phenanthrene
 Concen: 36.02 ng
 RT: 11.47 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1554523		
176	20.6	16.1	24.1	
179	16.1	12.6	19.0	





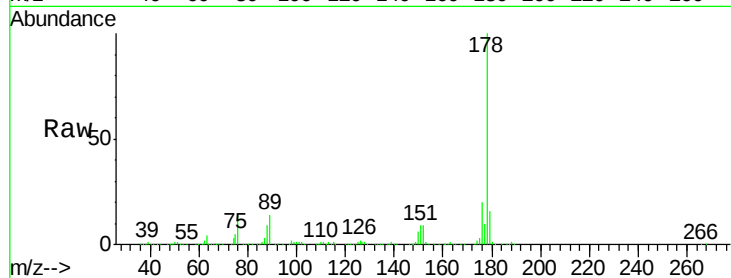
#71
 Anthracene
 Concen: 35.10 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

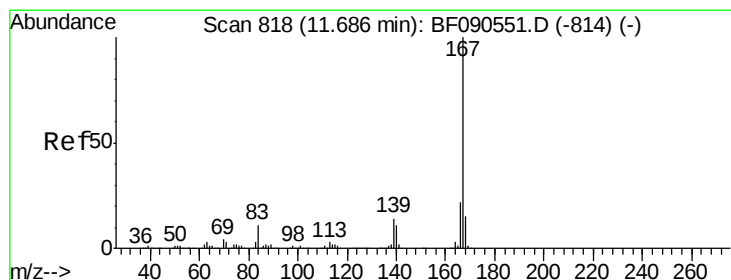
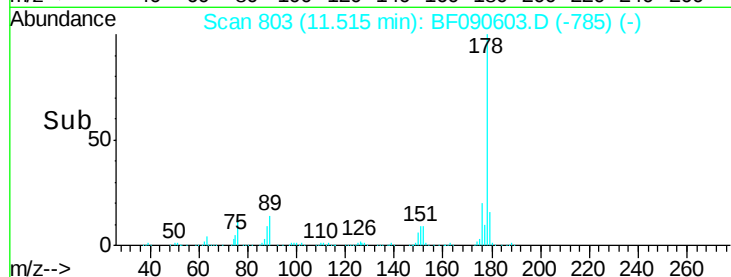
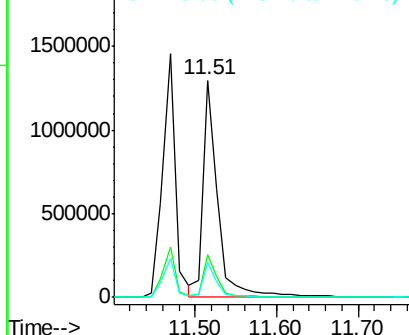
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.3	13.0	19.4

Manual Integrations
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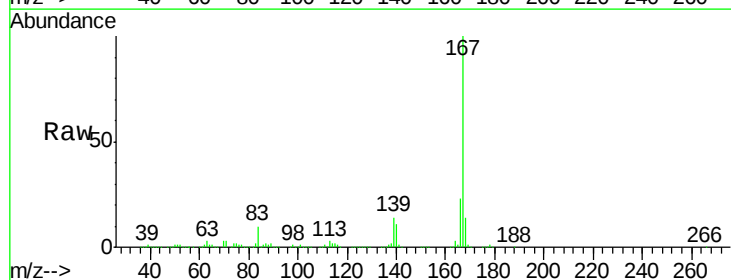


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

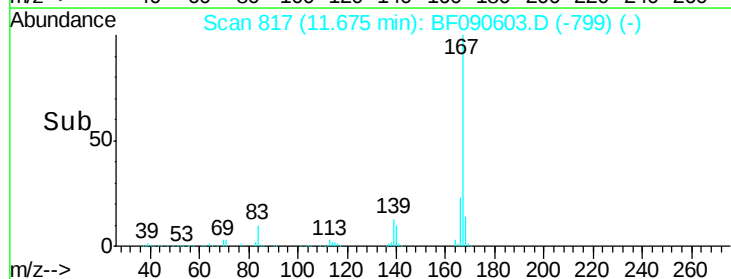
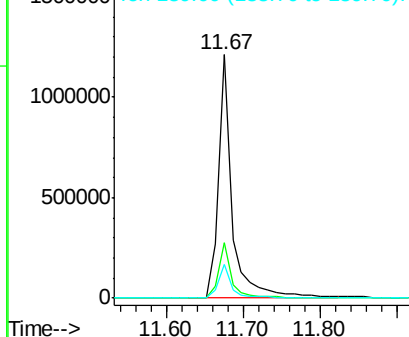


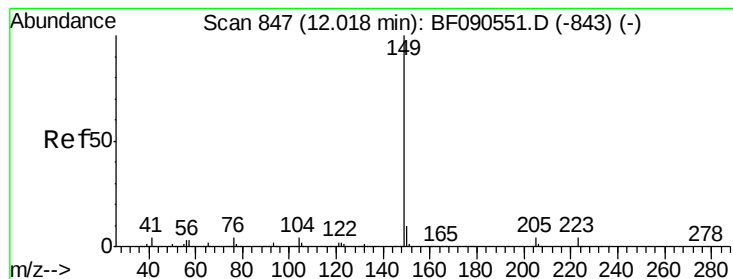
#72
 Carbazole
 Concen: 36.31 ng
 RT: 11.67 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.1	11.3	16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





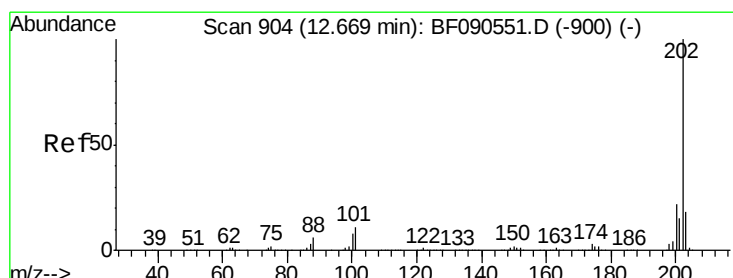
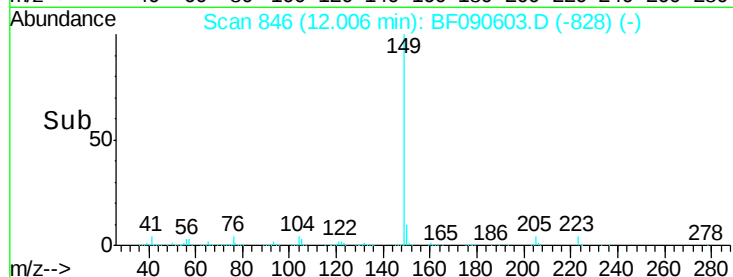
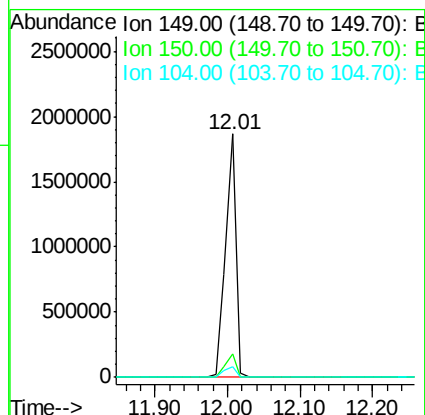
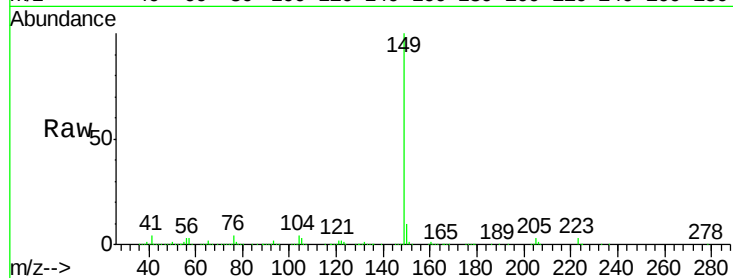
#73
Di-n-butylphthalate
Concen: 38.66 ng
RT: 12.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion:149 Resp: 1883075
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.4 3.3 4.9

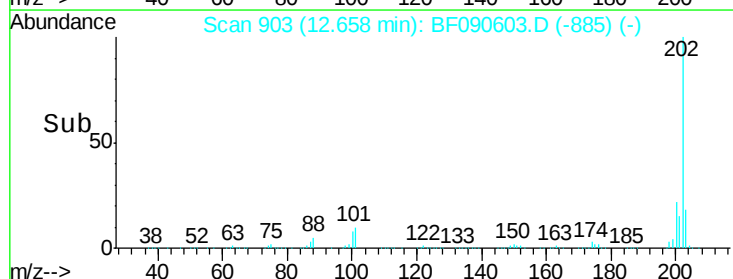
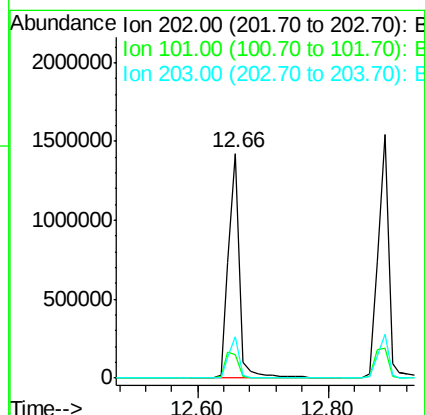
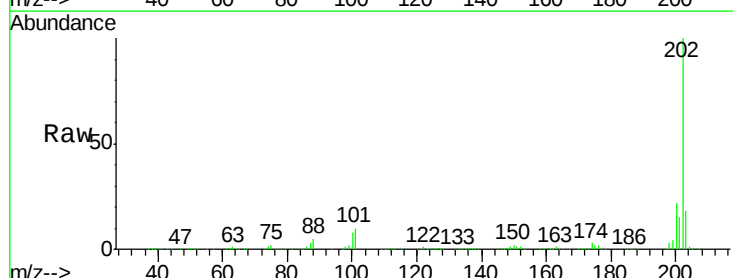
Manual Integrations
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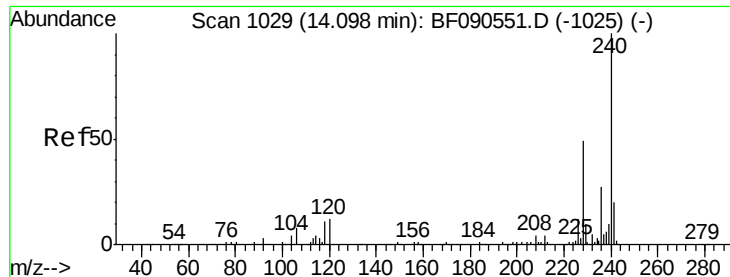
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10/18/2016 6:05:30 PM



#74
Fluoranthene
Concen: 38.72 ng
RT: 12.66 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:202 Resp: 1681063
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 18.3 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

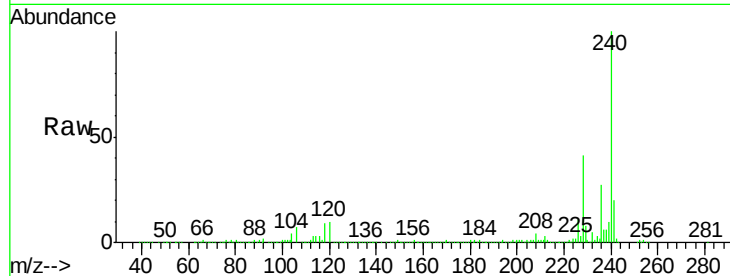
ClientSampleID :

PB94073BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.8	14.8
236	26.6	21.7	32.5

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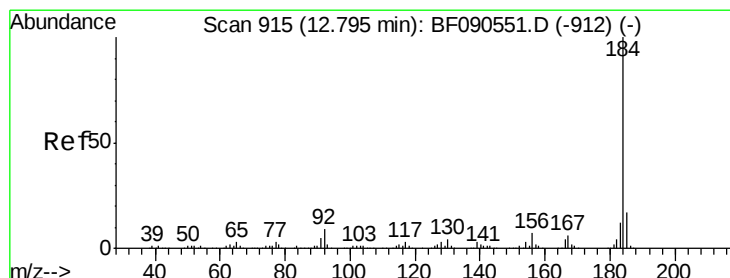
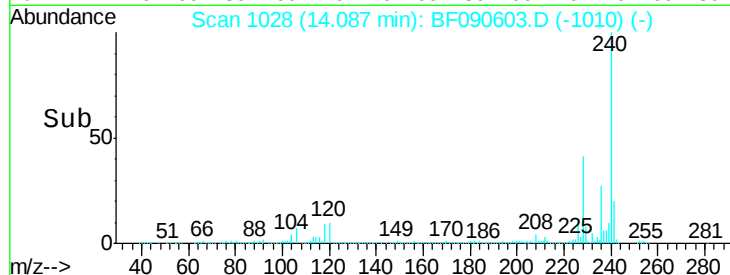
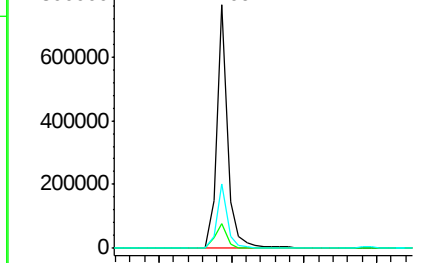
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.85 ng

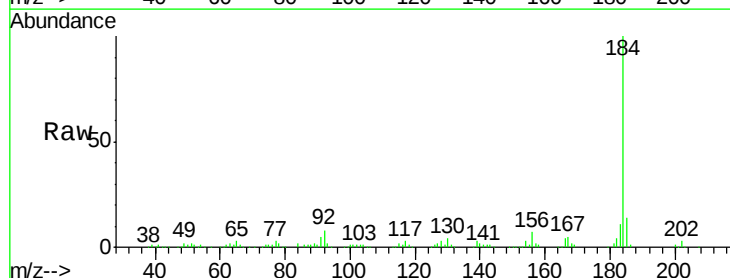
RT: 12.78 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

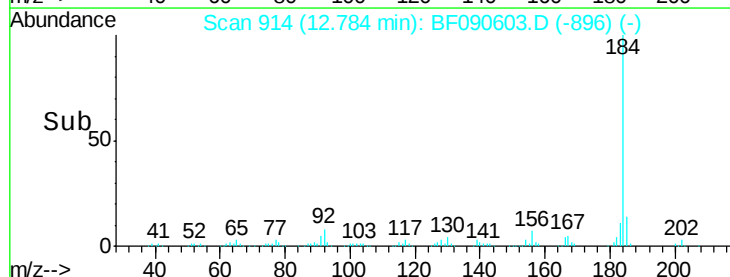
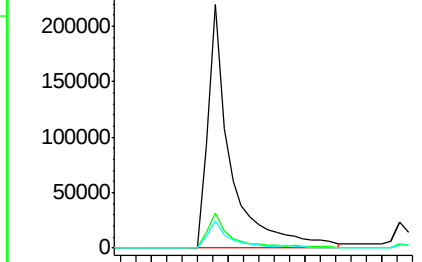
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	11.4	9.4	14.0

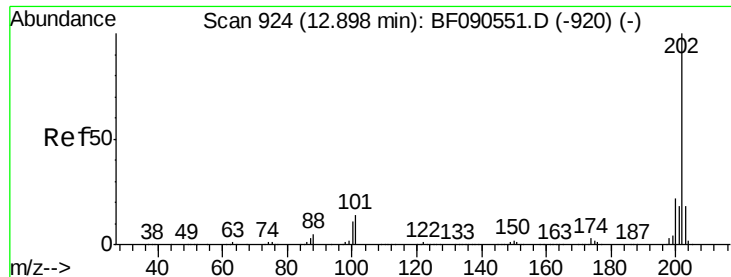


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





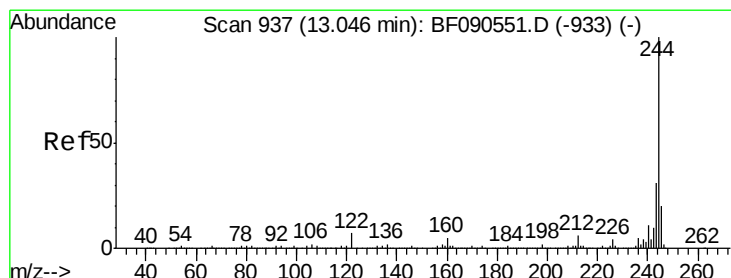
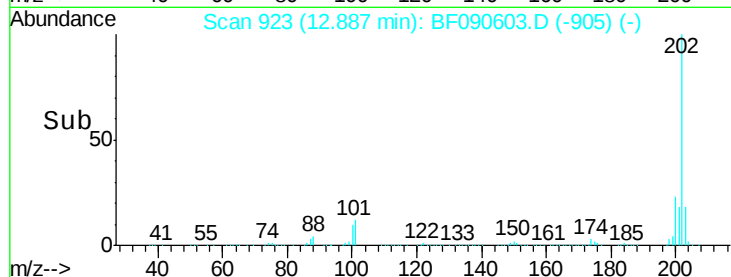
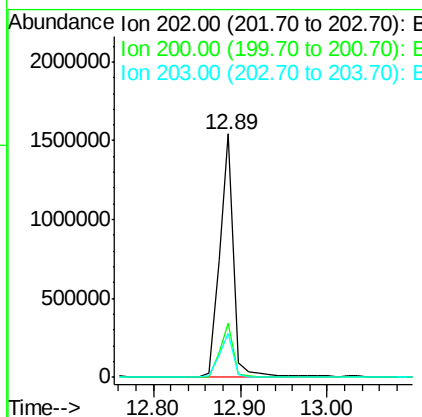
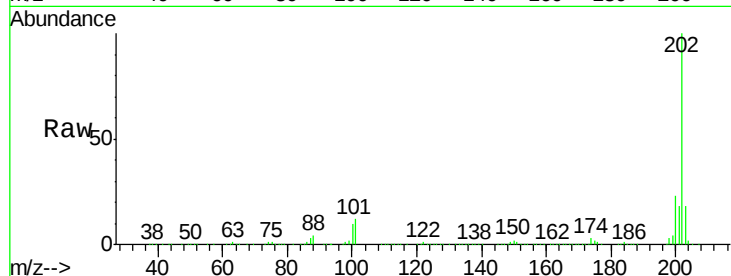
#77
Pvrene
Concen: 32.72 ng
RT: 12.89 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	18.2	14.6	21.8

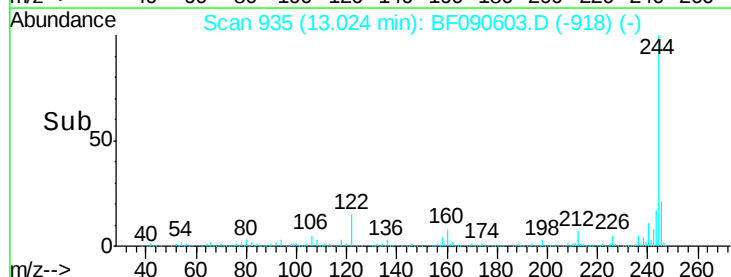
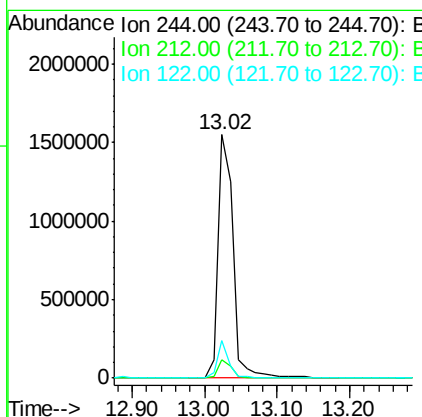
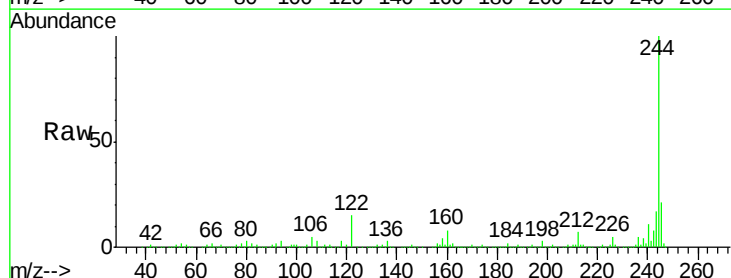
Manual Integrations
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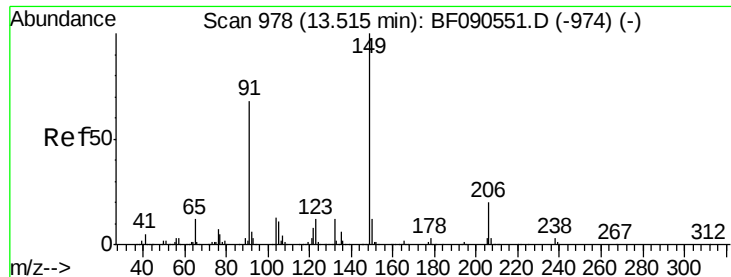
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#78
Terphenyl-d14
Concen: 65.38 ng
RT: 13.02 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.0	7.4
122	15.5	5.6	8.4#





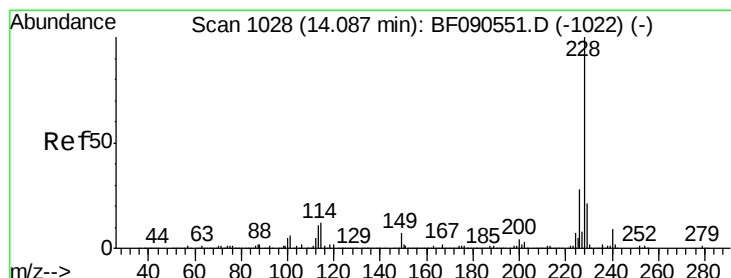
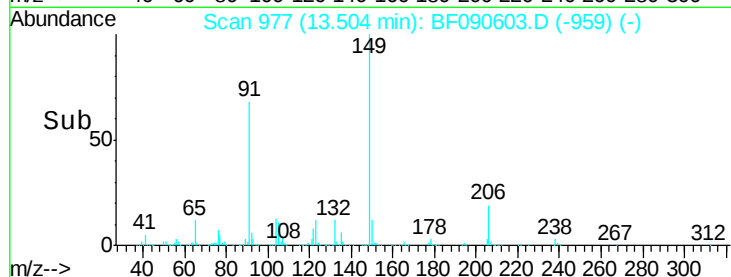
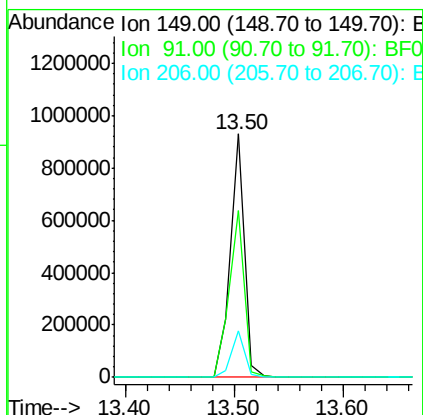
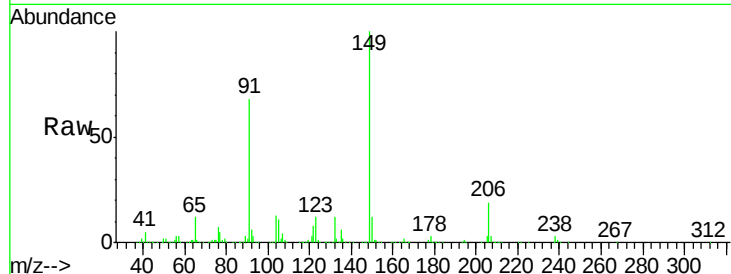
#79
Butylbenzylphthalate
Concen: 36.15 ng
RT: 13.50 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.3	81.5
206	19.1	15.8	23.6

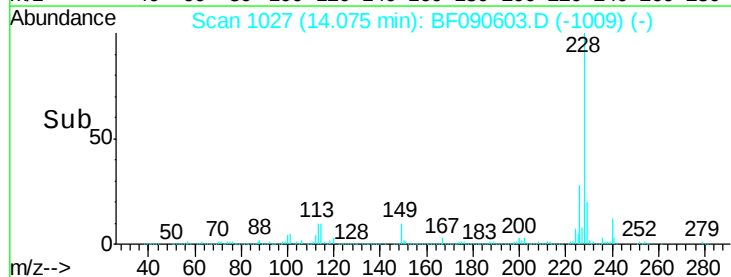
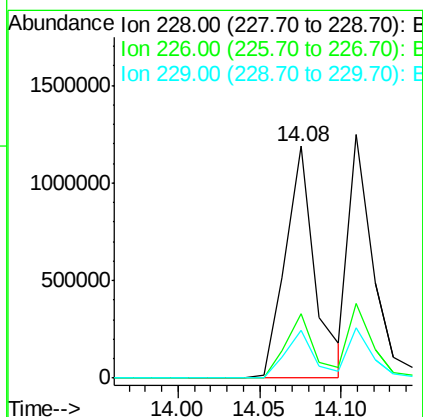
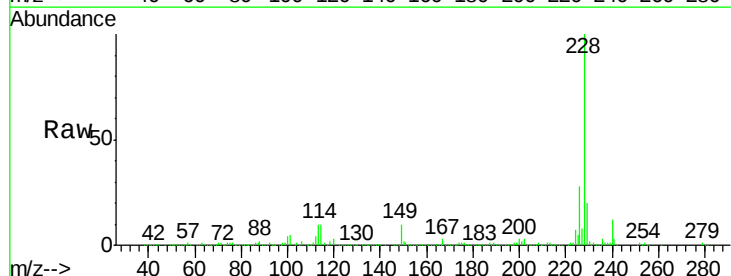
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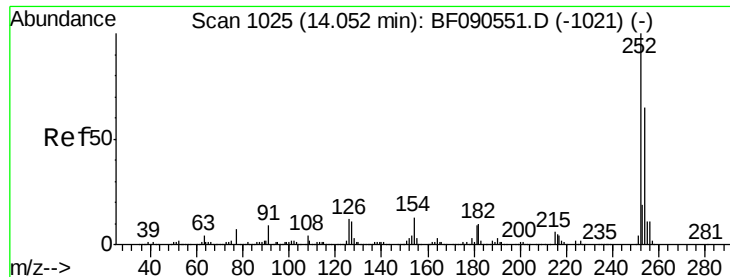
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#80
Benzo(a)anthracene
Concen: 33.61 ng
RT: 14.08 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.4	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 19.25 ng

RT: 14.04 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:252 Resp: 296434
Ion Ratio Lower Upper

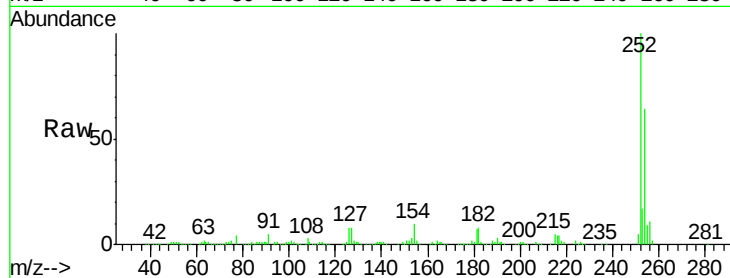
252 100

254 64.4 52.1 78.1

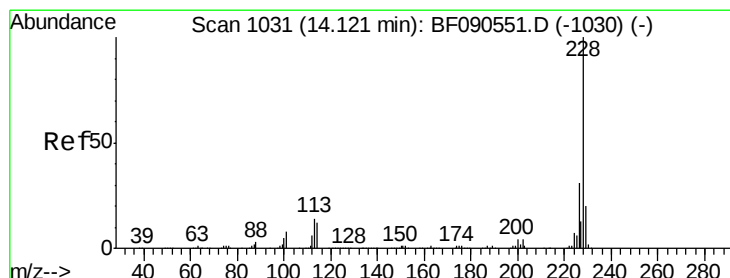
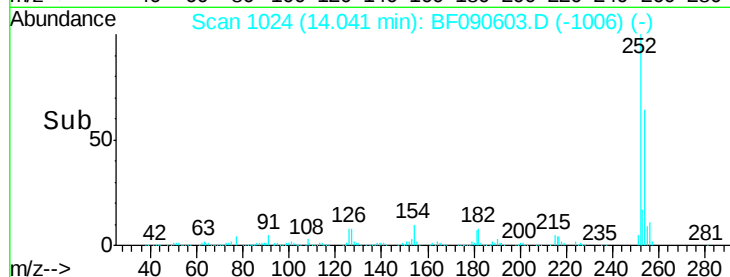
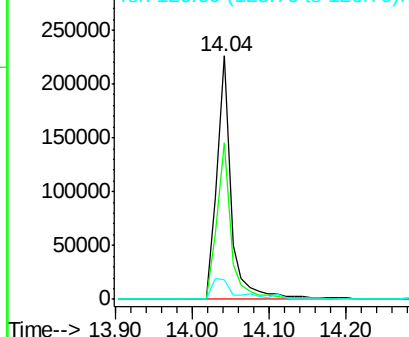
126 8.1 9.3 13.9#

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



#82

Chrysene

Concen: 31.41 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

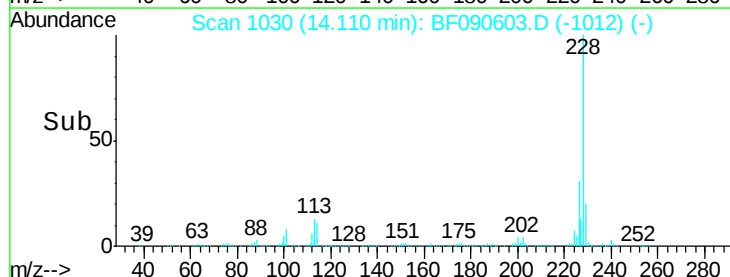
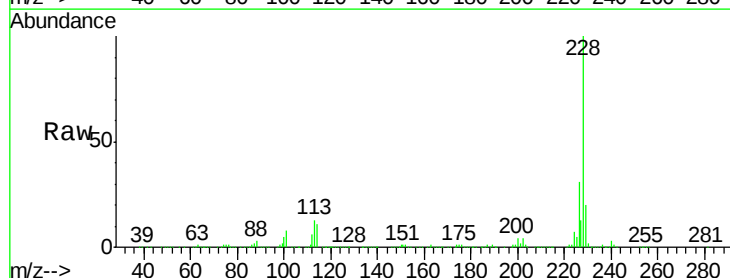
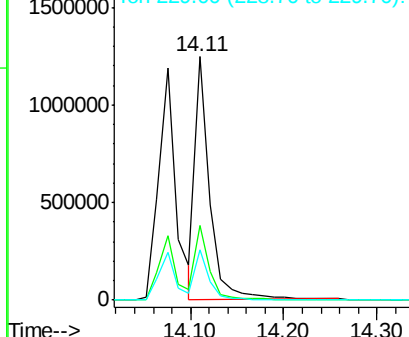
Tgt Ion:228 Resp: 1364351
Ion Ratio Lower Upper

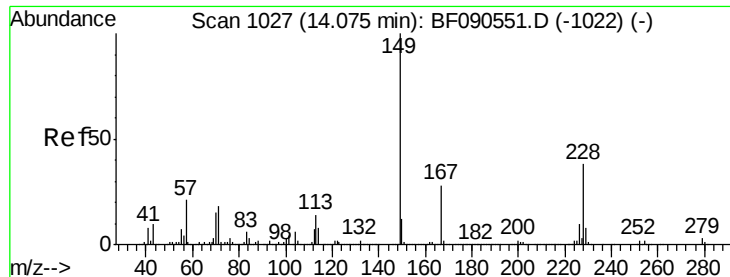
228 100

226 30.7 24.8 37.2

229 20.4 16.2 24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.61 ng

RT: 14.06 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tot Ion:149 Resp: 990892

Ion Ratio Lower Upper

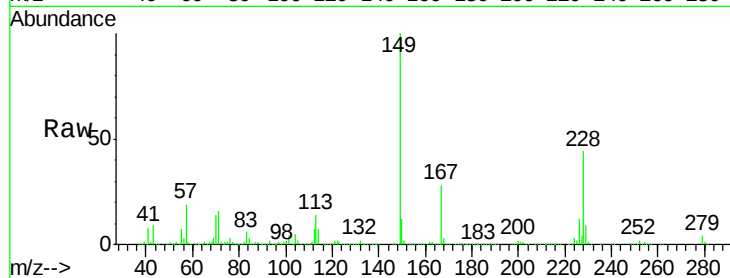
149 100

167 28.4 22.1 33.1

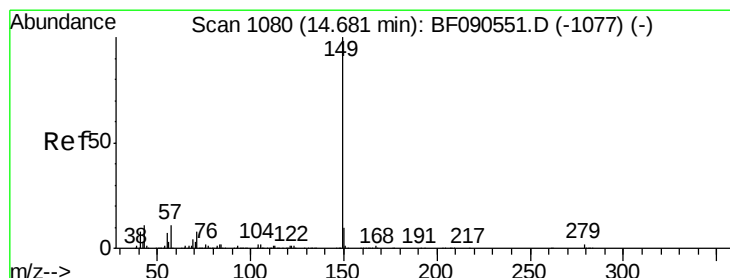
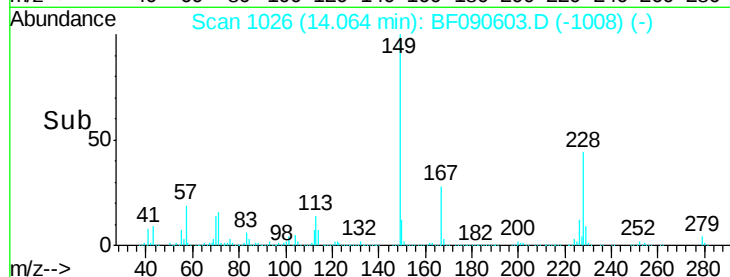
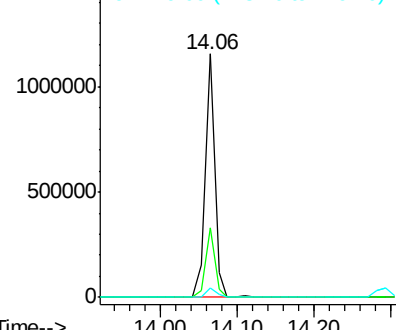
279 3.7 2.6 4.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.12 ng

RT: 14.68 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

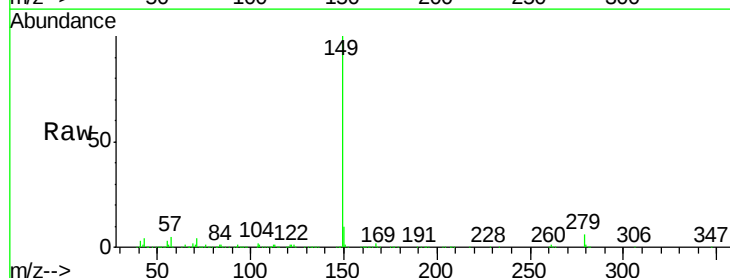
Tgt Ion:149 Resp: 1644069

Ion Ratio Lower Upper

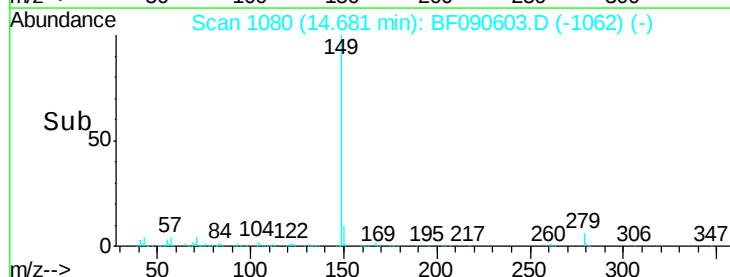
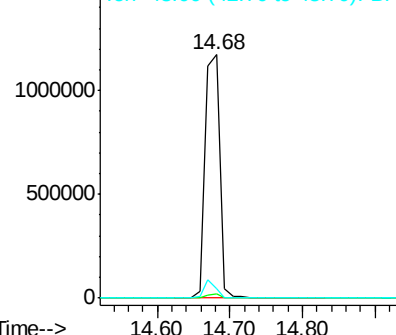
149 100

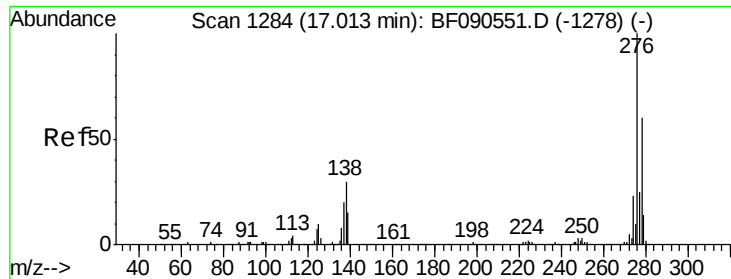
167 1.6 1.2 1.8

43 6.0 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





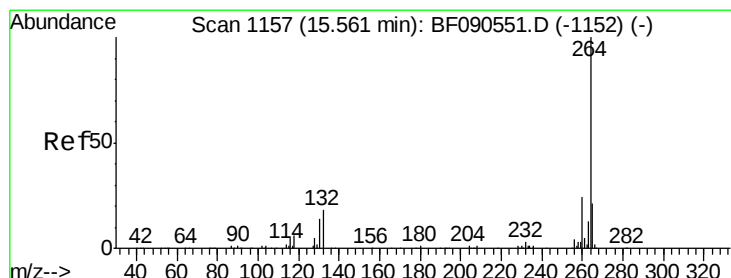
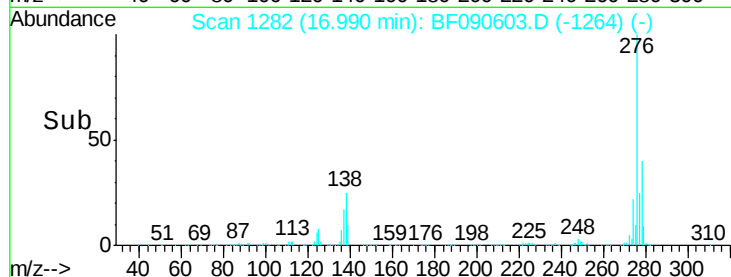
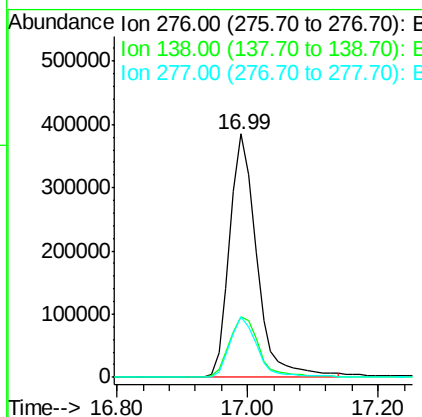
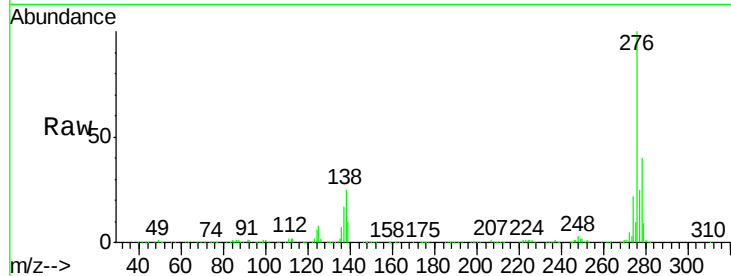
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.27 ng
RT: 16.99 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.8	38.6
277	24.9	20.1	30.1

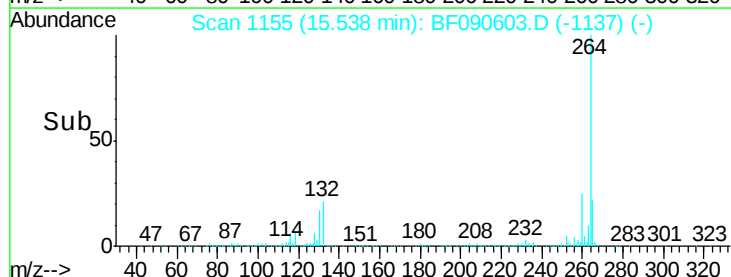
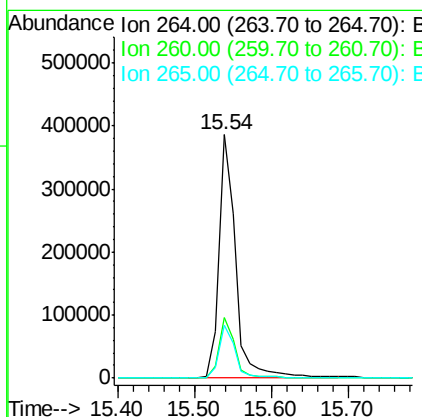
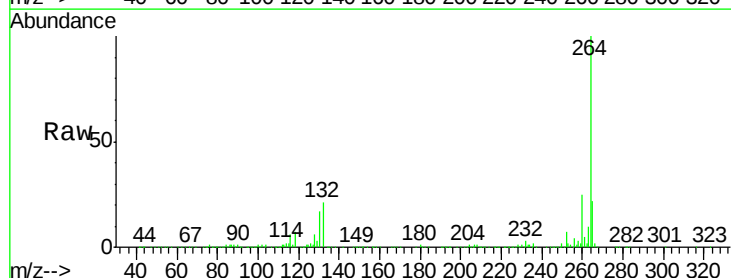
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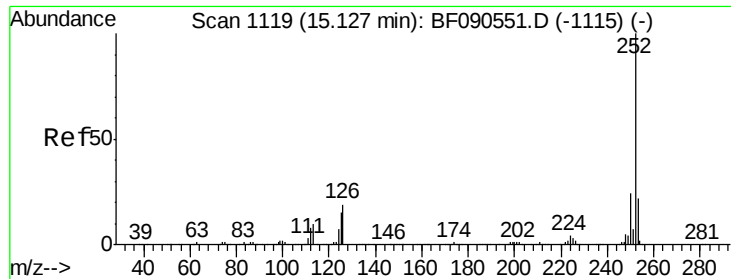
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 38.43 ng

RT: 15.12 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

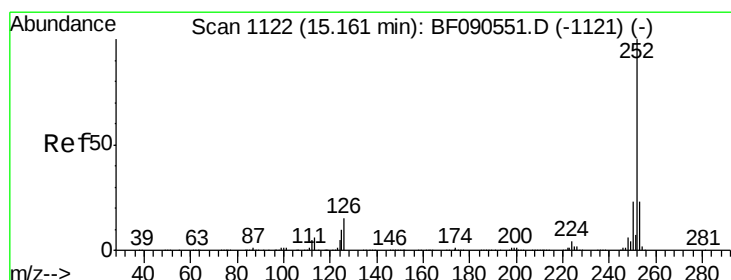
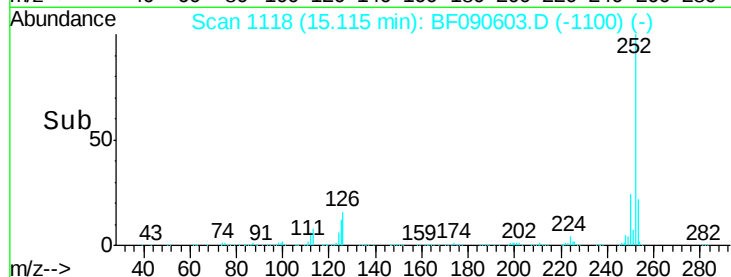
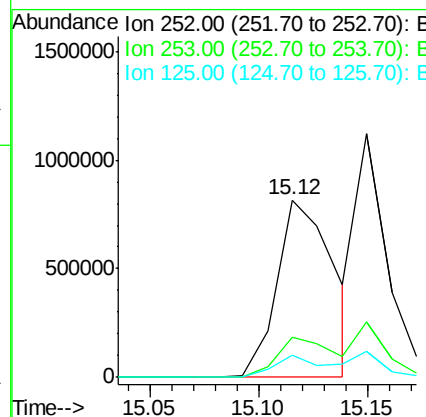
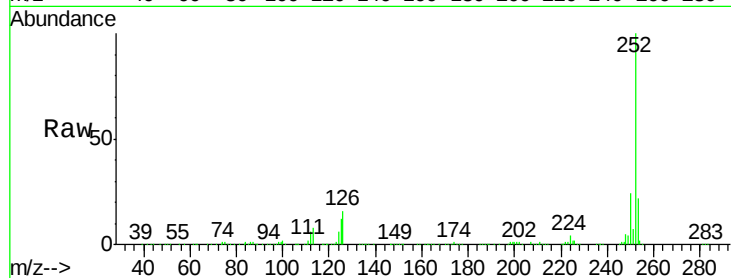
ClientSampled :

PB94073BS

Tot Ion:252	Resp: 1480912
Ion Ratio	Lower Upper
252 100	
253 22.3	17.8 26.8
125 12.3	12.0 18.0

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#88

Benzo(k)fluoranthene

Concen: 30.29 ng m

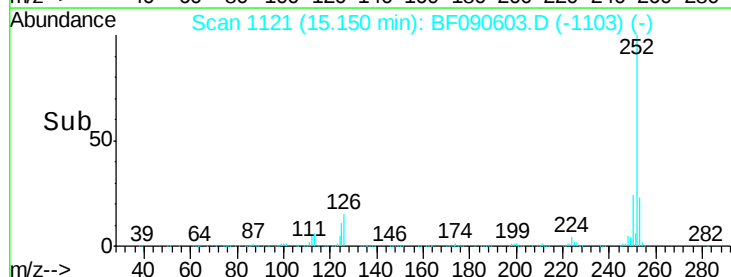
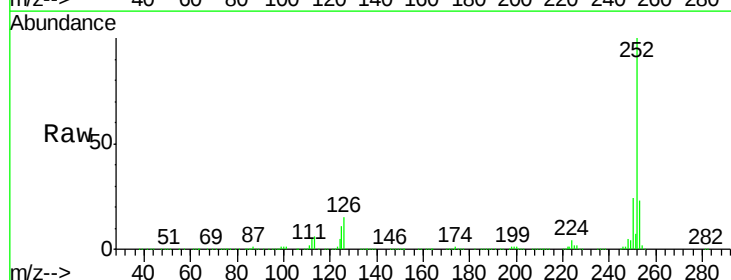
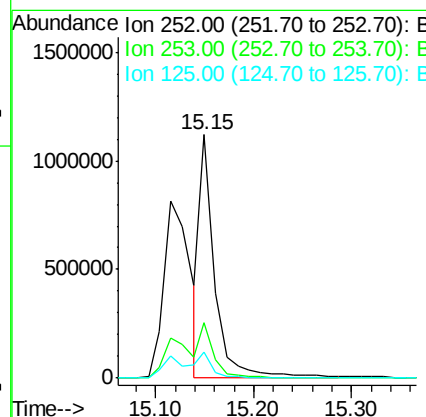
RT: 15.15 min Scan# 1121

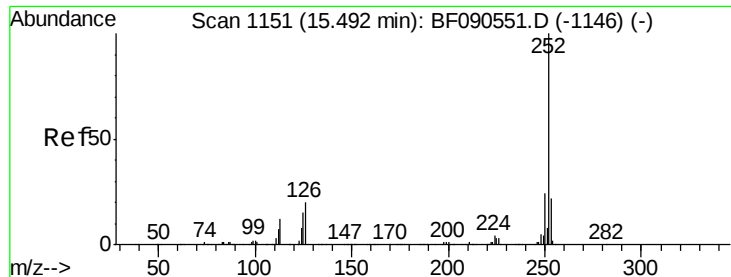
Delta R.T. 0.00 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:252	Resp: 1255795
Ion Ratio	Lower Upper
252 100	
253 22.5	18.0 27.0
125 10.5	10.0 15.0





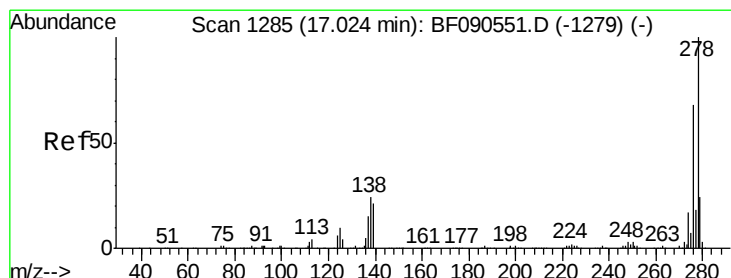
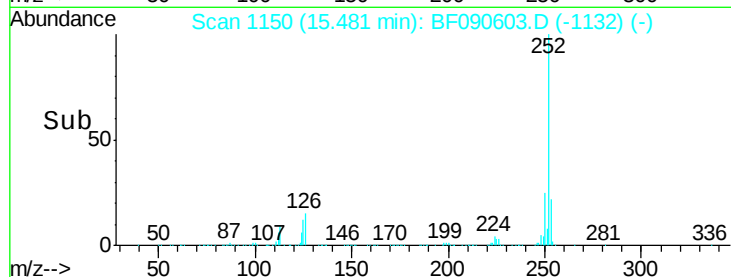
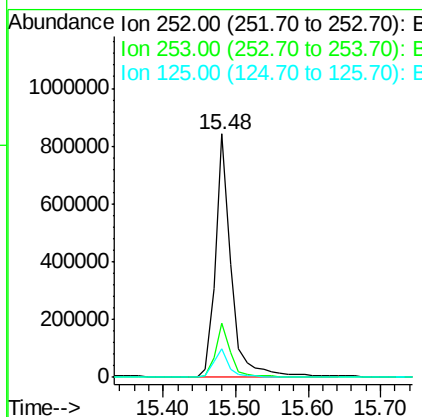
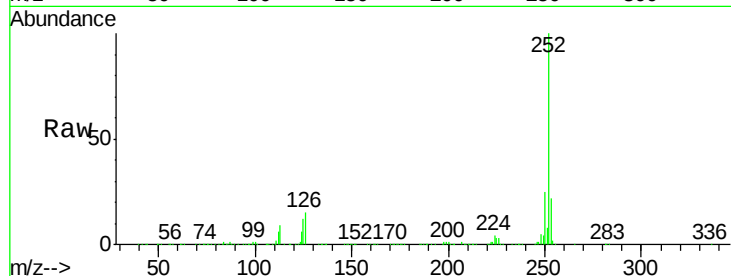
#89
Benzo(a)pyrene
Concen: 35.55 ng
RT: 15.48 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.8	12.3	18.5#

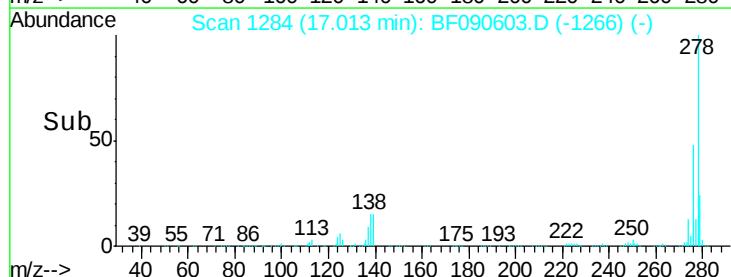
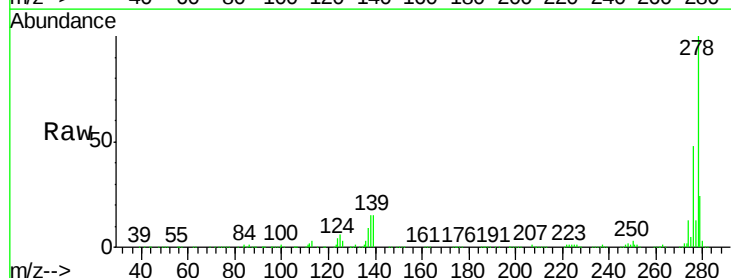
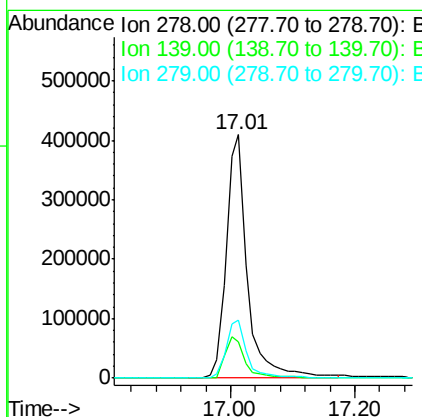
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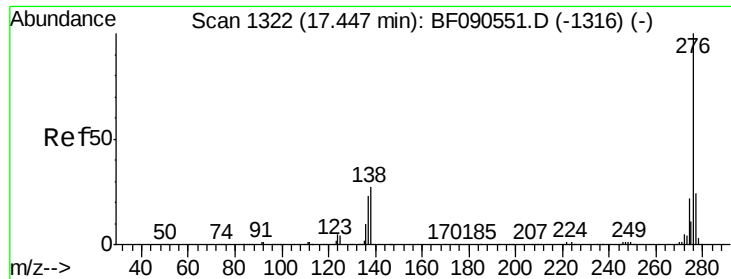
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 35.84 ng
RT: 17.01 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	16.6	25.0#
279	23.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 34.47 ng
 RT: 17.42 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion:	276	Resp:	884139
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.9	21.8	32.8

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