

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090404.D
 Acq On : 6 Oct 2016 2:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:46 PM

Quant Time: Oct 06 06:44:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	261101	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1087459	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	532617	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	901357	20.00	ng	0.00
75) Chrysene-d12	14.19	240	605060	20.00	ng	-0.01
86) Perylene-d12	15.70	264	471892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1375667	78.63	ng	0.00
7) Phenol-d6	6.62	99	1711744	74.71	ng	0.00
23) Nitrobenzene-d5	7.57	82	1737200	77.71	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	365967	84.50	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2714105	84.90	ng	0.00
78) Terphenyl-d14	13.14	244	2494899	92.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	327120	37.93	ng	# 94
3) Pyridine	3.48	79	946633	39.37	ng	# 84
4) n-Nitrosodimethylamine	3.42	42	373019	37.59	ng	# 66
6) Aniline	6.66	93	1236890	39.08	ng	96
8) 2-Chlorophenol	6.78	128	683487	35.50	ng	87
9) Benzaldehyde	6.54	77	486793	42.03	ng	87
10) Phenol	6.63	94	952566	35.76	ng	97
11) bis(2-Chloroethyl)ether	6.74	93	795301	38.99	ng	95
12) 1,3-Dichlorobenzene	6.94	146	703537	36.66	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	793469	40.71	ng	98
14) 1,2-Dichlorobenzene	7.17	146	659871	35.13	ng	94
15) Benzyl Alcohol	7.14	79	625907	35.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1325928	38.33	ng	96
17) 2-Methylphenol	7.25	107	580382	36.66	ng	99
18) Hexachloroethane	7.53	117	286681	37.31	ng	# 89
19) n-Nitroso-di-n-propylamine	7.42	70	660568	39.32	ng	# 81
20) 3+4-Methylphenols	7.41	107	818183	39.92	ng	# 67
22) Acetophenone	7.41	105	932531	36.21	ng	# 98
24) Nitrobenzene	7.58	77	816349	36.78	ng	92
25) Isophorone	7.83	82	1576398	38.57	ng	97
26) 2-Nitrophenol	7.90	139	356045	37.27	ng	# 73
27) 2,4-Dimethylphenol	7.94	122	644333	34.68	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	991224	41.00	ng	98
29) 2,4-Dichlorophenol	8.14	162	505224	35.77	ng	88
30) 1,2,4-Trichlorobenzene	8.23	180	584026	40.12	ng	99
31) Naphthalene	8.31	128	1885045	35.93	ng	99
32) Benzoic acid	8.06	122	534190	41.36	ng	90
33) 4-Chloroaniline	8.36	127	870853	40.16	ng	97
34) Hexachlorobutadiene	8.44	225	315976	38.85	ng	98
35) Caprolactam	8.74	113	185203	39.00	ng	93
36) 4-Chloro-3-methylphenol	8.84	107	721083	40.77	ng	100
37) 2-Methylnaphthalene	9.01	142	1294958	40.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	510946	36.39	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	280277	36.41	ng	98

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Instrument :
 BNA_F
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 SSTDC0040EC

Manual Integrations
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Quant Time: Oct 06 06:44:33 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	402988m	41.59	nq	
43) 2,4,5-Trichlorophenol	9.32	196	378017m	41.26	nq	
45) 1,1'-Biphenyl	9.47	154	1519407	38.50	nq	92
46) 2-Chloronaphthalene	9.50	162	1244478	42.68	nq	95
47) 2-Nitroaniline	9.58	65	462769	40.22	nq	# 82
48) Acenaphthylene	9.91	152	1751295	36.40	nq	100
49) Dimethylphthalate	9.78	163	1441095	42.25	nq	98
50) 2,6-Dinitrotoluene	9.83	165	340976	45.03	nq	# 81
51) Acenaphthene	10.09	154	1119237	37.31	nq	98
52) 3-Nitroaniline	10.01	138	394816	44.63	nq	# 84
53) 2,4-Dinitrophenol	10.10	184	126772	37.55	nq	# 1
54) Dibenzofuran	10.26	168	1414990	36.44	nq	92
55) 4-Nitrophenol	10.15	139	347208	44.86	nq	88
56) 2,4-Dinitrotoluene	10.23	165	402147	39.90	nq	# 36
57) Fluorene	10.60	166	1247775	38.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	258990	37.85	nq	# 79
59) Diethylphthalate	10.47	149	1392160	39.45	nq	94
60) 4-Chlorophenyl-phenylether	10.60	204	620207	41.80	nq	# 85
61) 4-Nitroaniline	10.61	138	374503	42.01	nq	95
62) Azobenzene	10.76	77	1732353	42.50	nq	88
64) 4,6-Dinitro-2-methylphenol	10.65	198	215804	36.89	nq	# 66
65) n-Nitrosodiphenylamine	10.71	169	1186079	39.27	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	353278	39.98	nq	# 86
67) Hexachlorobenzene	11.16	284	389661	39.60	nq	# 85
68) Atrazine	11.24	200	321552	43.17	nq	97
69) Pentachlorophenol	11.34	266	229982	39.27	nq	99
70) Phenanthrene	11.57	178	1877262	40.67	nq	98
71) Anthracene	11.62	178	1657997	35.18	nq	99
72) Carbazole	11.78	167	1774998	40.53	nq	97
73) Di-n-butylphthalate	12.11	149	2260604	42.42	nq	# 97
74) Fluoranthene	12.76	202	1647858	36.40	nq	98
76) Benzidine	12.87	184	756208	47.53	nq	98
77) Pyrene	12.99	202	1567341	38.85	nq	99
79) Butylbenzylphthalate	13.61	149	845124	40.82	nq	# 74
80) Benzo(a)anthracene	14.18	228	1393798	41.06	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	518361	42.11	nq	# 98
82) Chrysene	14.22	228	1350299	43.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1231435	41.85	nq	# 97
84) Di-n-octyl phthalate	14.80	149	1853411	42.49	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1115716	50.09	nq	94
87) Benzo(b)fluoranthene	15.25	252	1031959	34.33	nq	# 95
88) Benzo(k)fluoranthene	15.29	252	1098825m	38.92	nq	
89) Benzo(a)pyrene	15.63	252	987252	38.11	nq	# 94
90) Dibenzo(a,h)anthracene	17.24	278	937963	42.55	nq	# 95
91) Benzo(g,h,i)perylene	17.68	276	895923	42.36	nq	95

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

```

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Acq On    : 6 Oct 2016    2:29
Operator  : UM/SJ
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

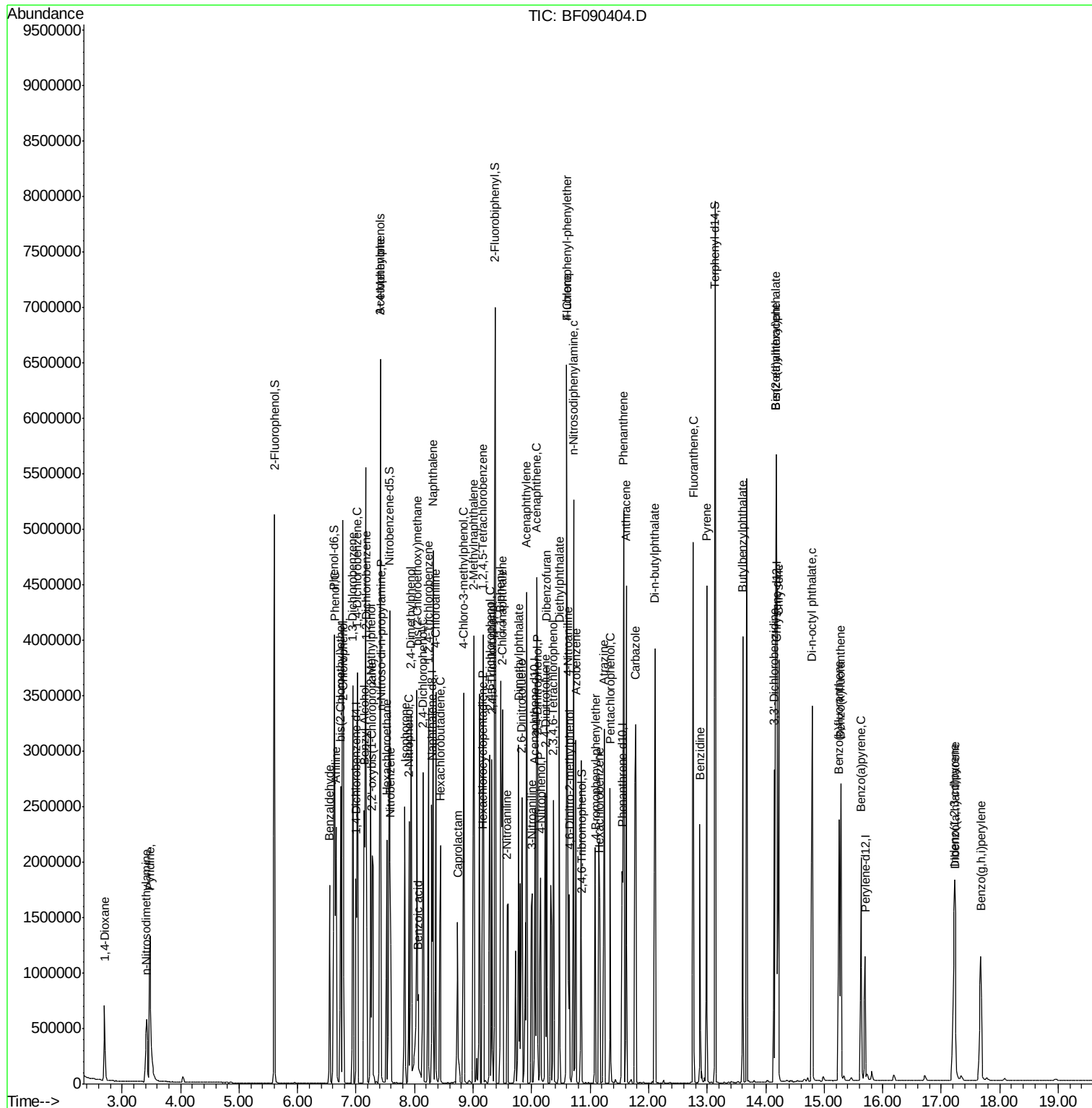
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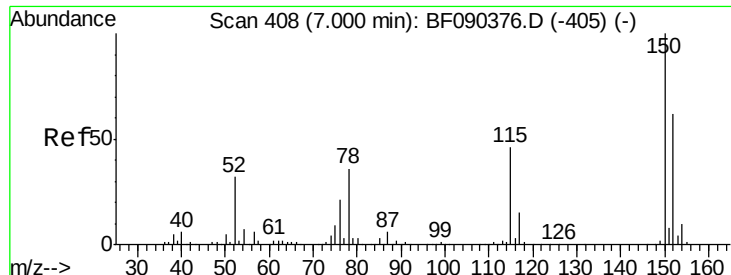
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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10/6/2016 5:27:46 PM

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QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

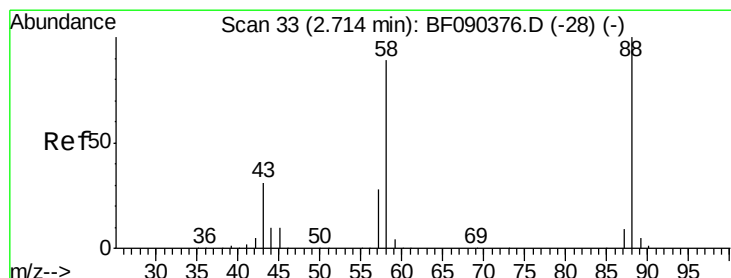
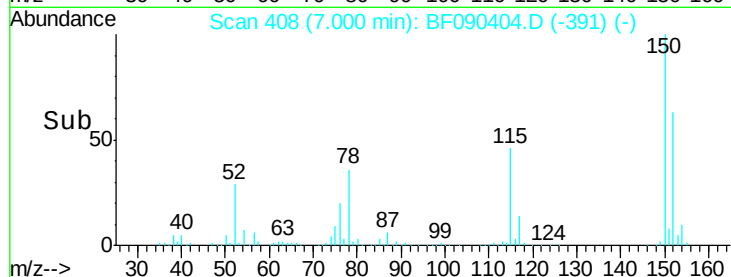
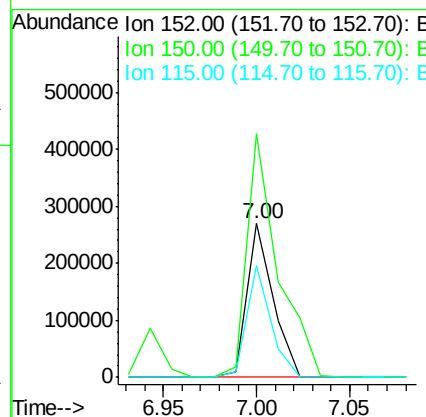
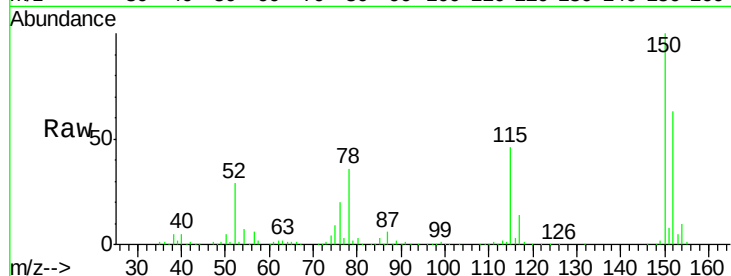
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	261101
Ion Ratio	Lower	Upper	
152	100		
150	158.3	124.6	186.8
115	73.0	46.2	69.4

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#2

1,4-Dioxane

Concen: 37.93 ng

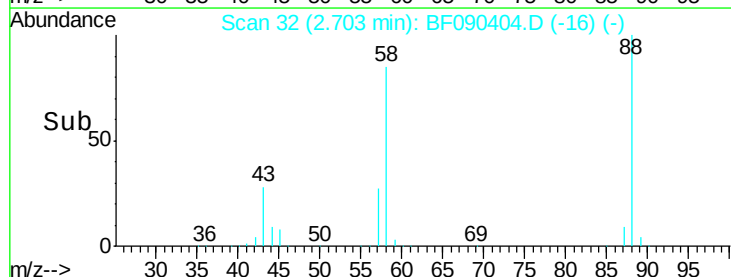
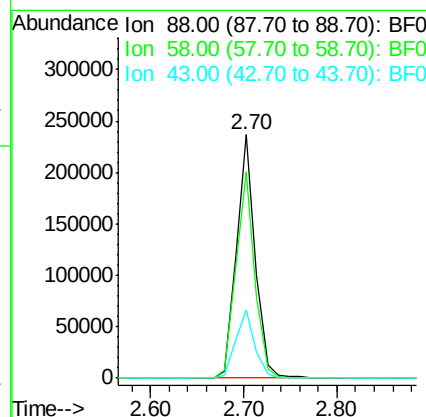
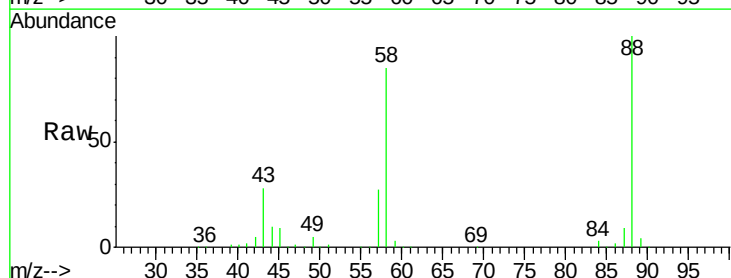
RT: 2.70 min Scan# 32

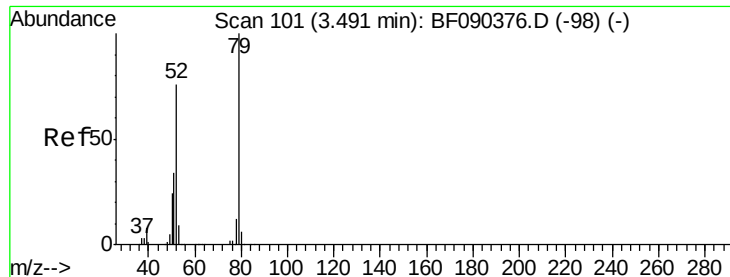
Delta R.T. -0.01 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion:	88	Resp:	327120
Ion Ratio	Lower	Upper	
88	100		
58	86.1	71.2	106.8
43	28.9	29.8	44.6





#3

Pvridine

Concen: 39.37 ng

RT: 3.48 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

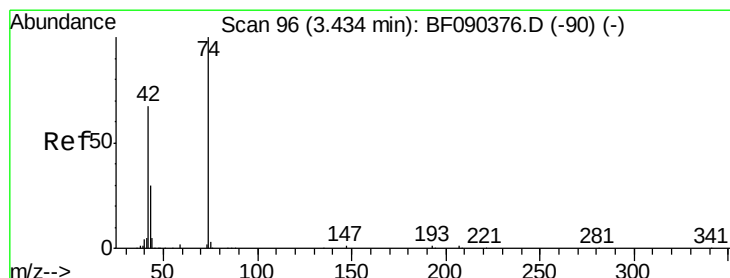
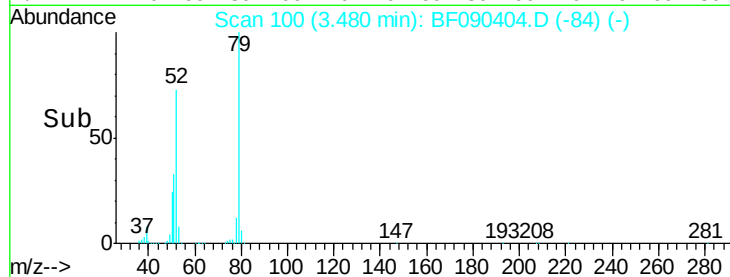
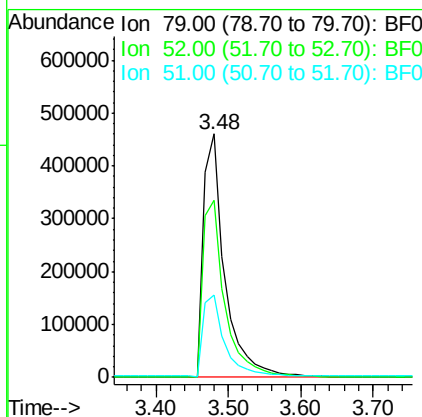
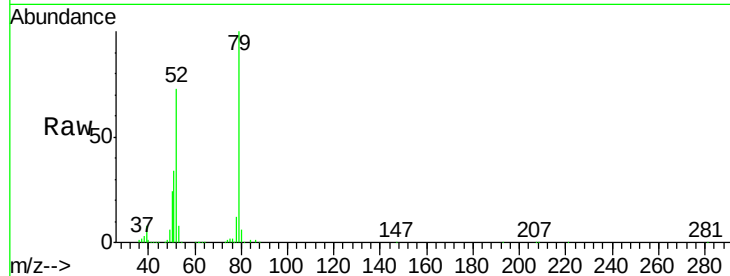
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	72.9	71.3	106.9
51	51	33.9	34.5	51.7#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.59 ng

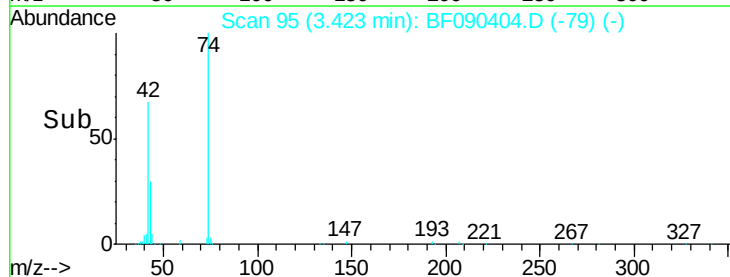
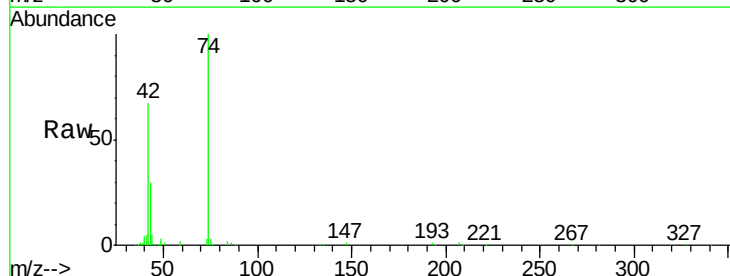
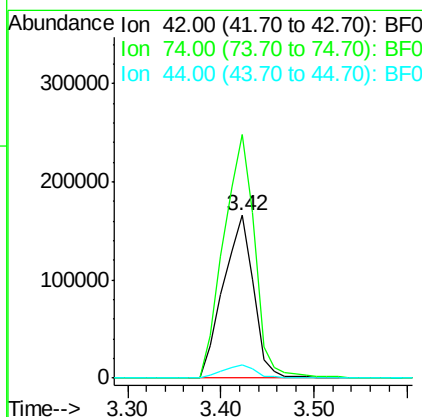
RT: 3.42 min Scan# 95

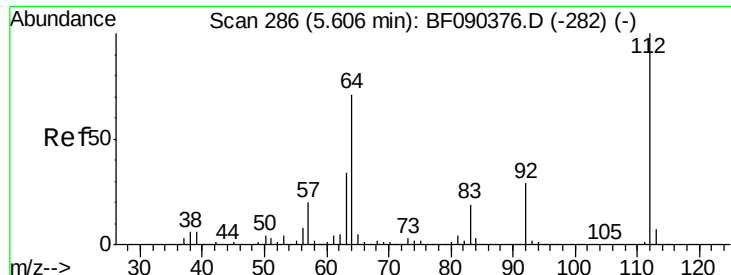
Delta R.T. -0.01 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	149.9	88.9	133.3#
44	44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 78.63 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1375667

Ion Ratio Lower Upper

112 100

64 67.9 57.9 86.9

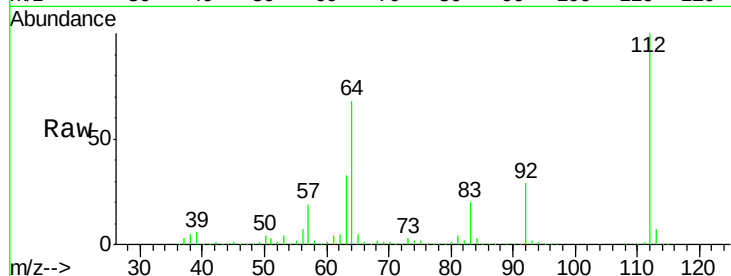
63 32.7 29.6 44.4

Manual Integrations

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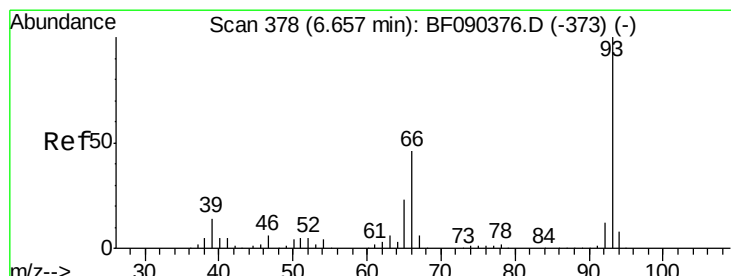
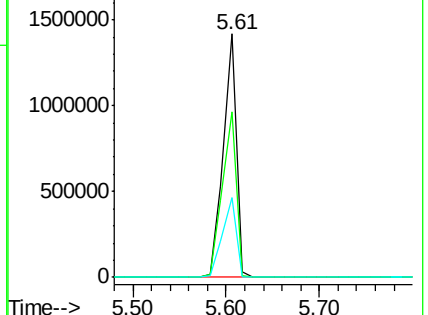
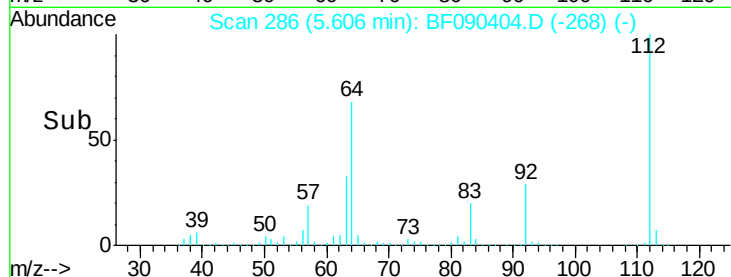
10/6/2016 5:27:46 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.08 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

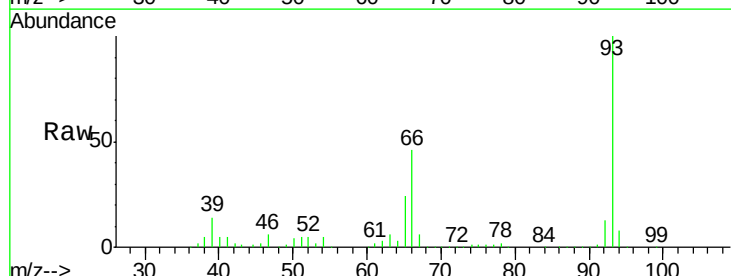
Tgt Ion: 93 Resp: 1236890

Ion Ratio Lower Upper

93 100

66 46.1 34.5 51.7

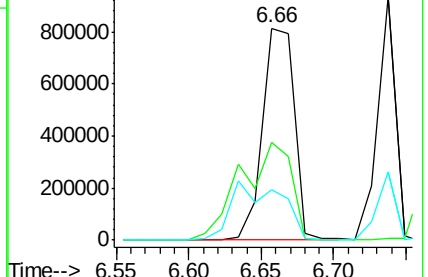
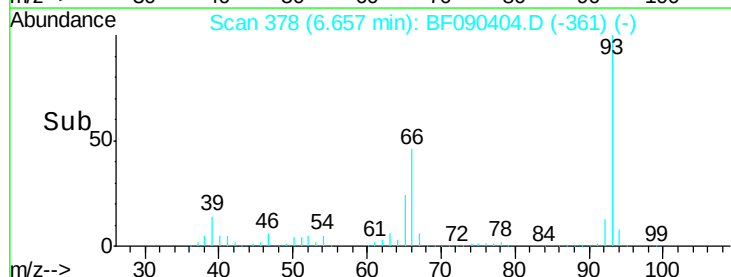
65 23.6 18.2 27.2

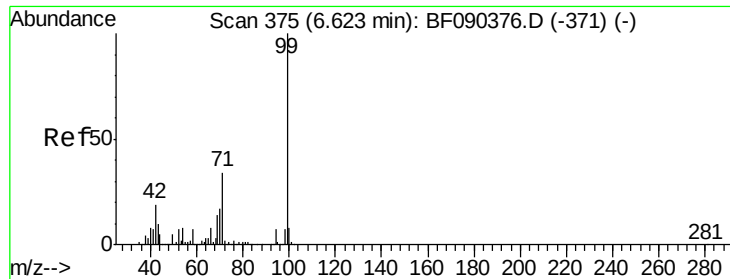


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.71 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1711744

Ion Ratio Lower Upper

99 100

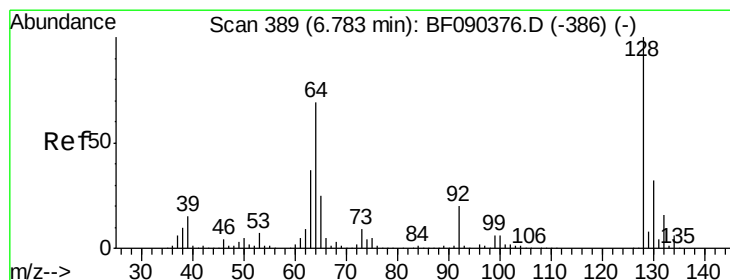
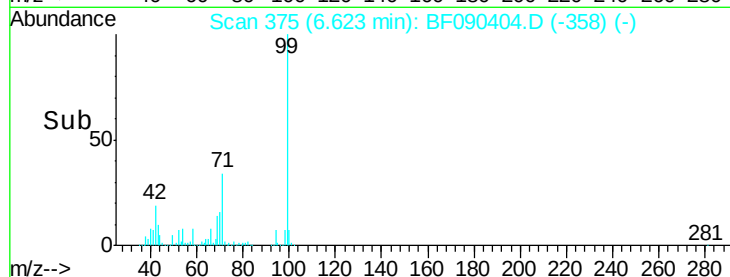
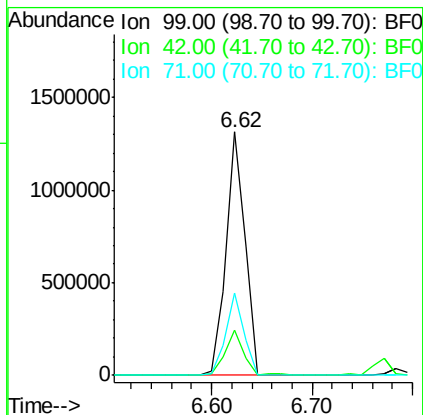
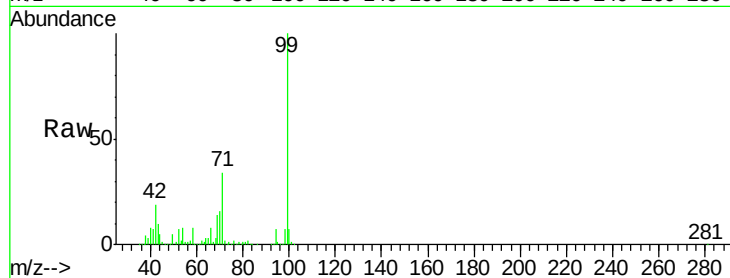
42 18.7 20.0 30.0#

71 33.9 27.9 41.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.50 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

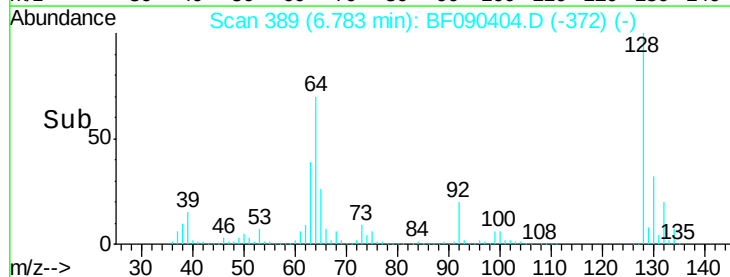
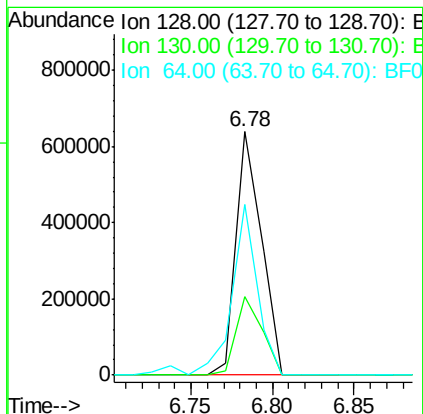
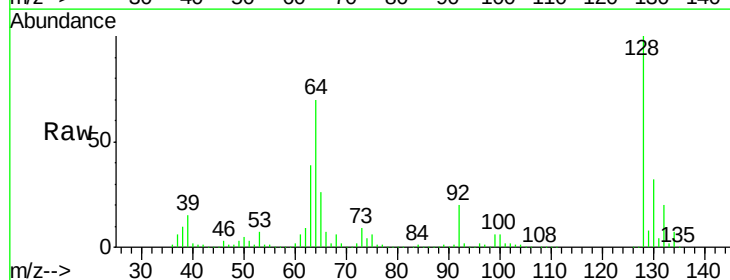
Tgt Ion: 128 Resp: 683487

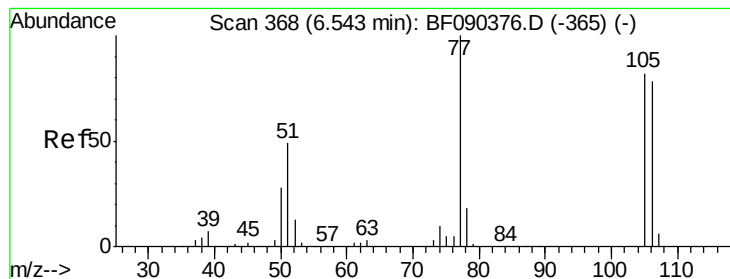
Ion Ratio Lower Upper

128 100

130 32.4 13.3 53.3

64 70.3 36.0 76.0





#9

Benzaldehyde

Concen: 42.03 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 486793

Ion Ratio Lower Upper

77 100

105 81.8 73.1 113.1

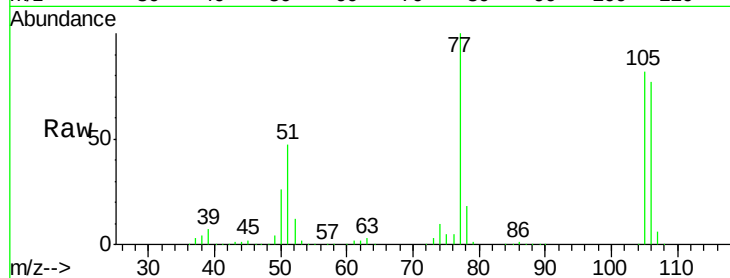
106 77.3 70.2 110.2

Manual Integrations

APPROVED

SOHIL

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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.54

400000

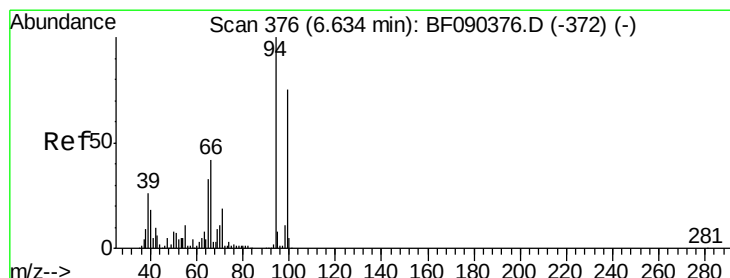
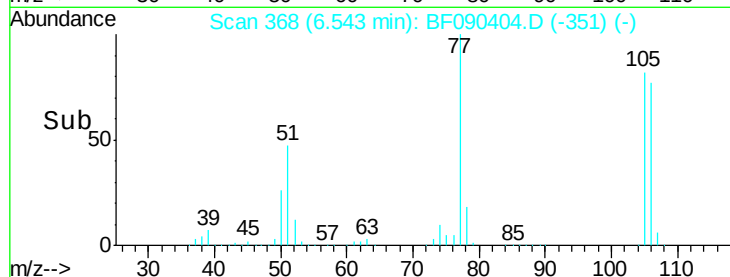
300000

200000

100000

0

Time-->



#10

Phenol

Concen: 35.76 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

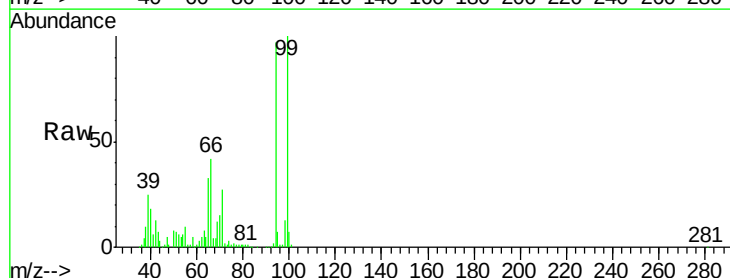
Tgt Ion: 94 Resp: 952566

Ion Ratio Lower Upper

94 100

65 33.7 13.3 53.3

66 43.2 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.63

800000

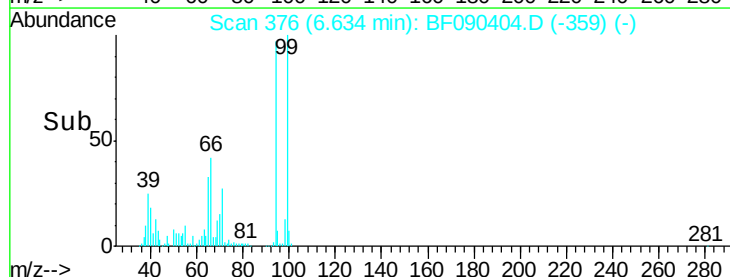
600000

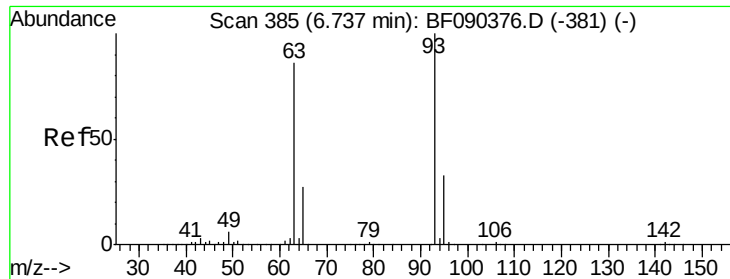
400000

200000

0

Time-->





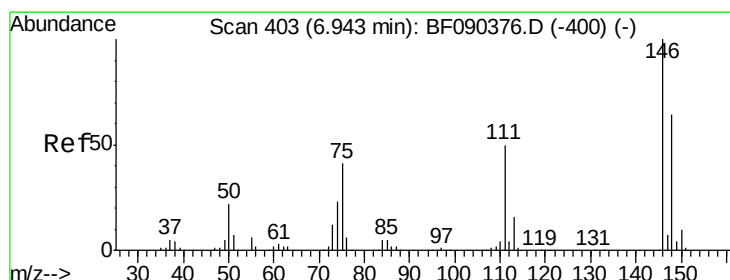
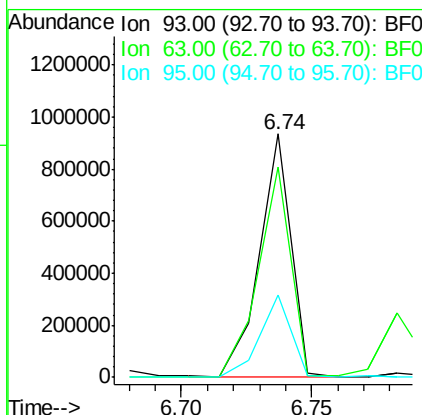
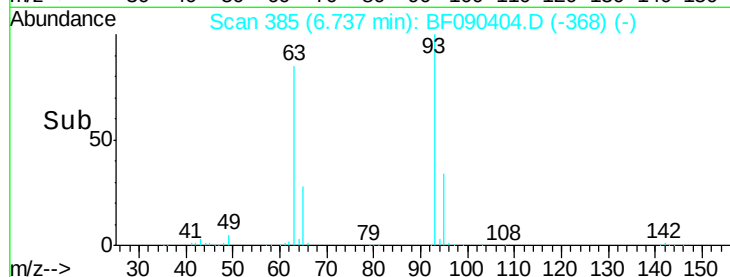
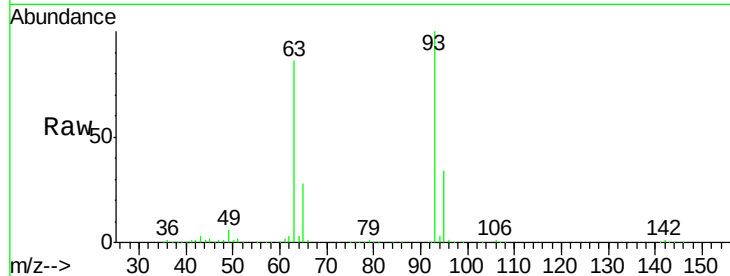
#11
bis(2-Chloroethyl)ether
Concen: 38.99 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	795301
Ion Ratio	Lower	Upper	
93	100		
63	86.5	59.7	99.7
95	33.9	14.0	54.0

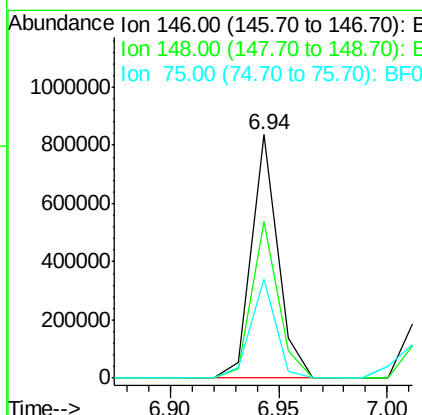
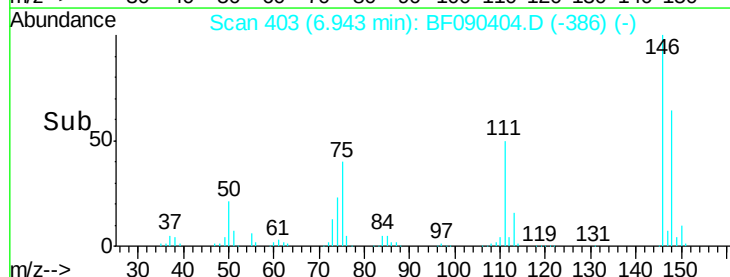
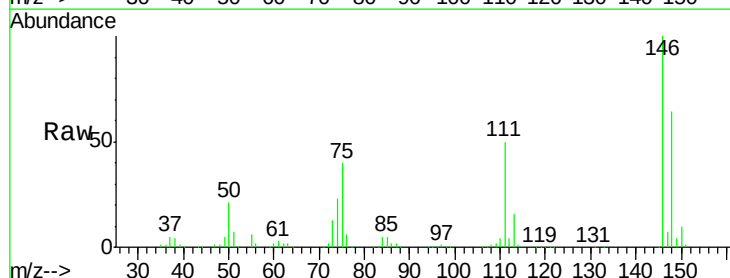
Manual Integrations
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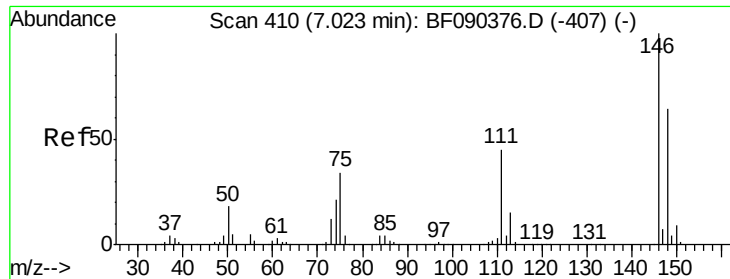
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 36.66 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	146	Resp	703537
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.4
75	40.5	21.4	32.2#





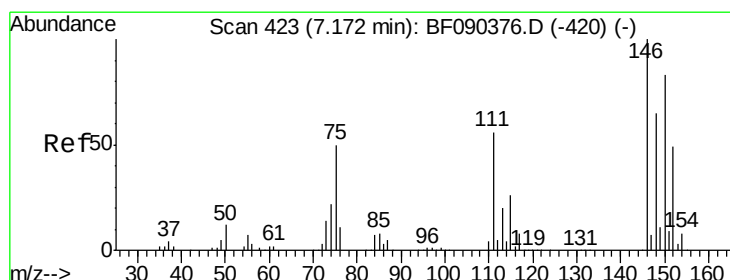
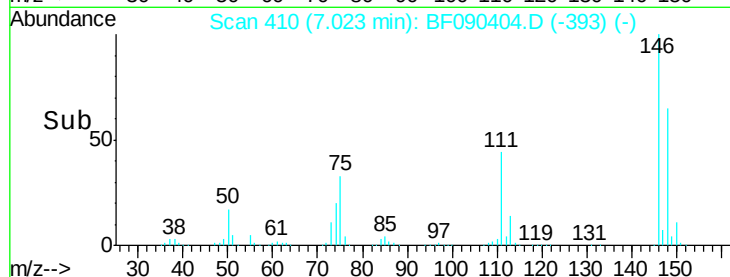
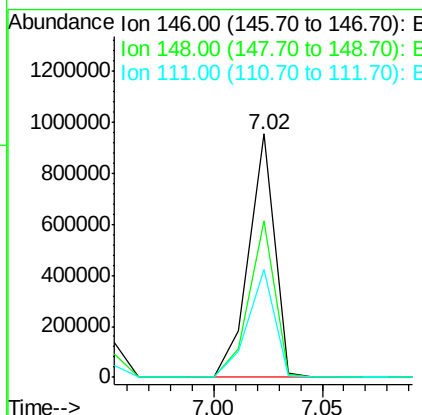
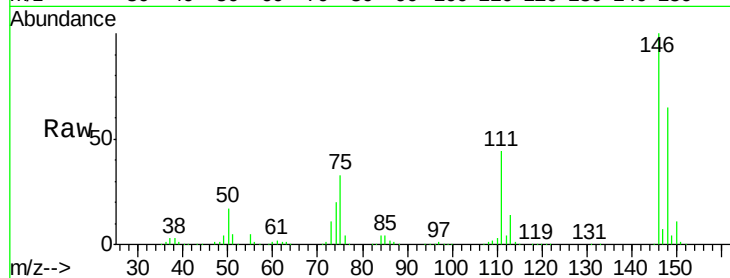
#13
1,4-Dichlorobenzene
Concen: 40.71 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	44.2	37.8	56.6

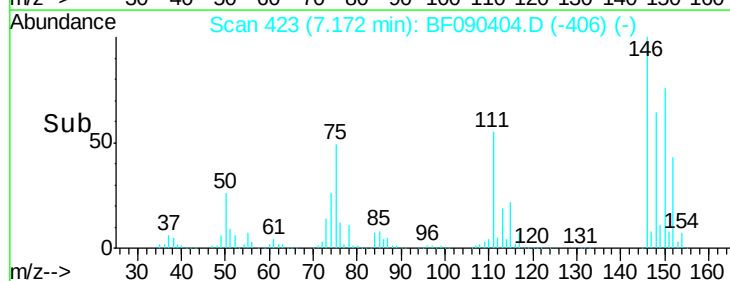
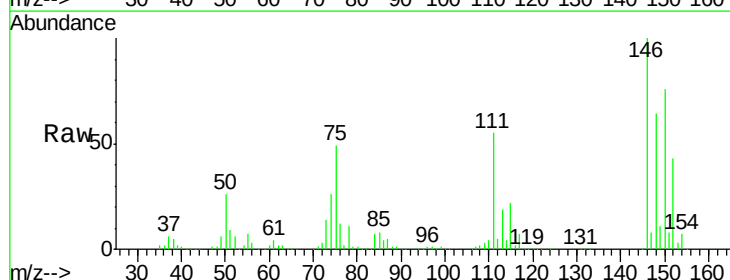
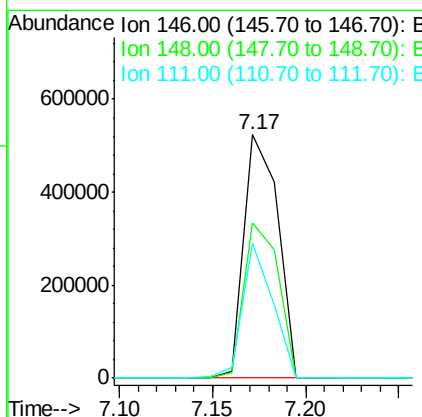
Manual Integrations
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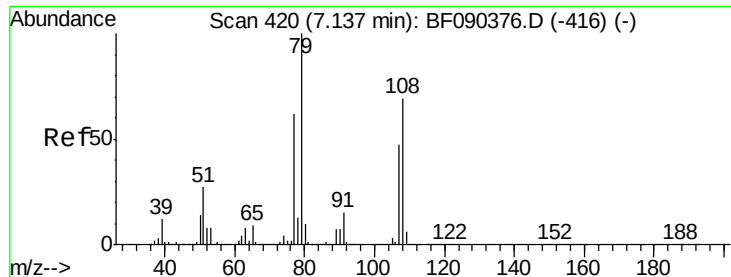
SOHIL
10/6/2016 5:27:46 PM



#14
1,2-Dichlorobenzene
Concen: 35.13 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	55.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 35.93 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

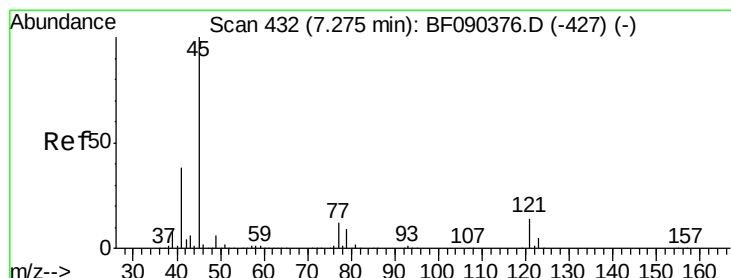
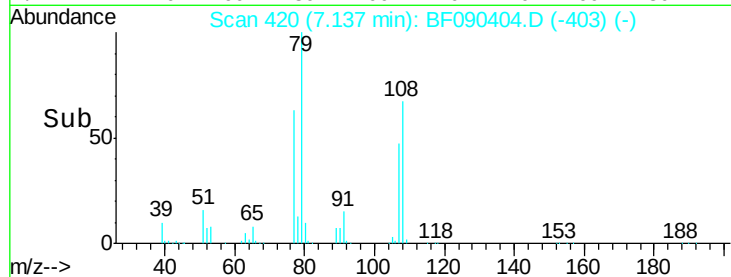
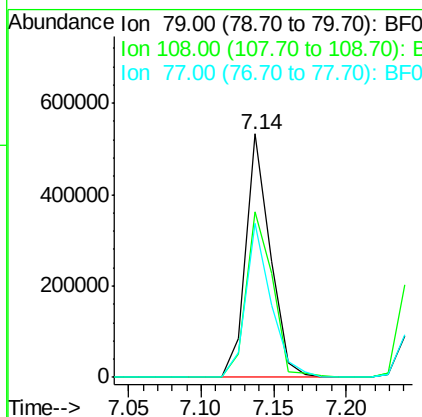
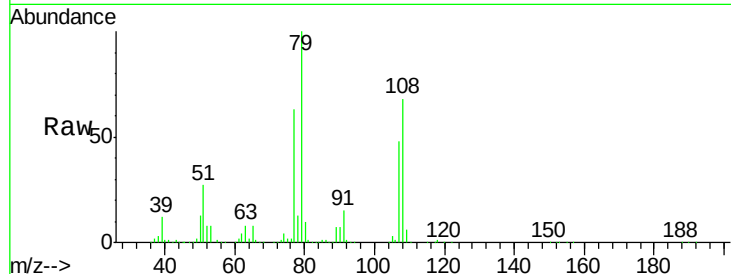
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	625907
Ion Ratio	Lower	Upper	
79	100		
108	68.2	60.9	91.3
77	63.4	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.33 ng

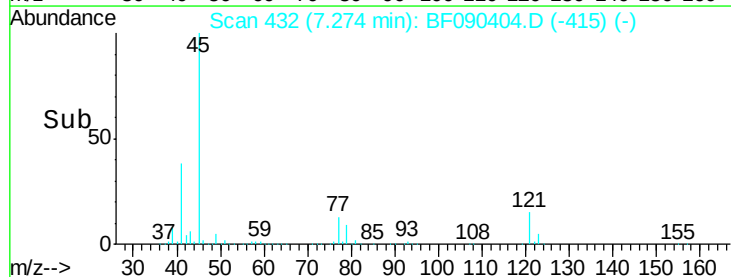
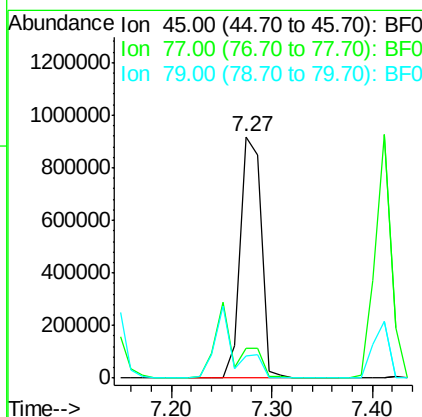
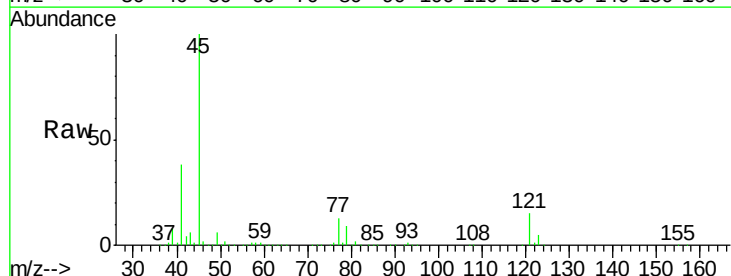
RT: 7.27 min Scan# 432

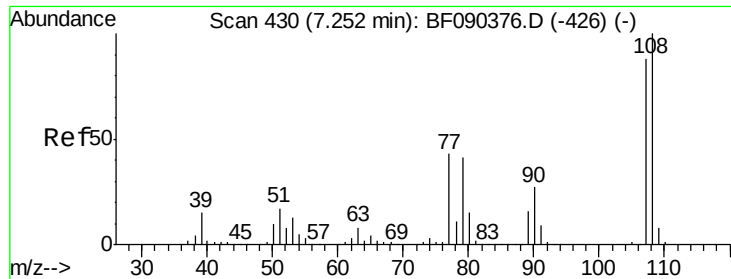
Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion:	45	Resp:	1325928
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.8
79	9.1	0.0	28.2





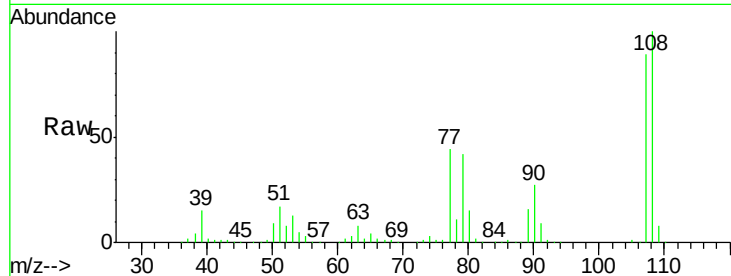
#17
2-Methylphenol
Concen: 36.66 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

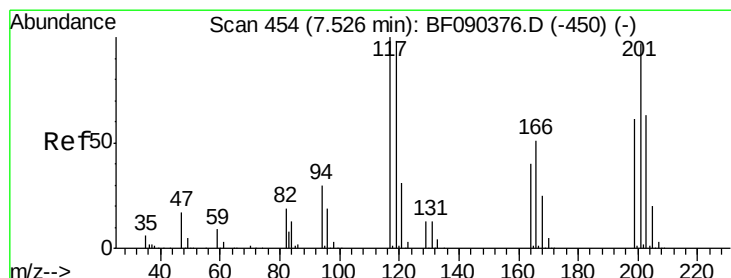
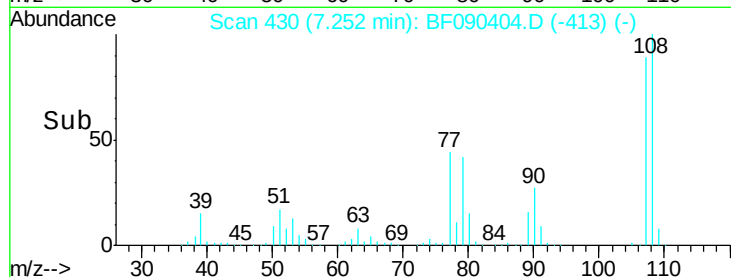
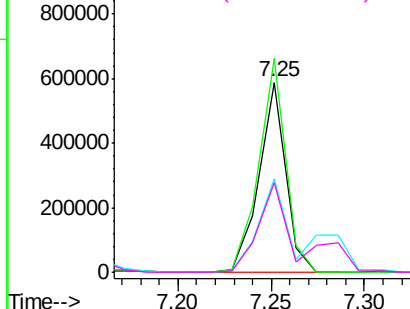
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	580382		
108	108.00	112.4		90.9	136.3
77	77.00	49.1		38.2	57.4
79	79.00	46.9		37.0	55.4

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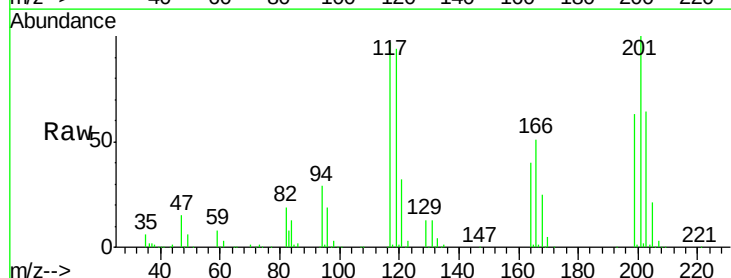


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

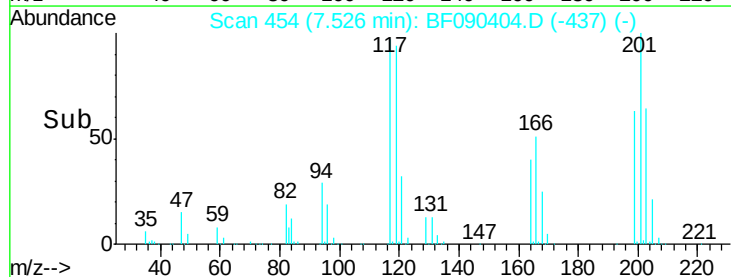
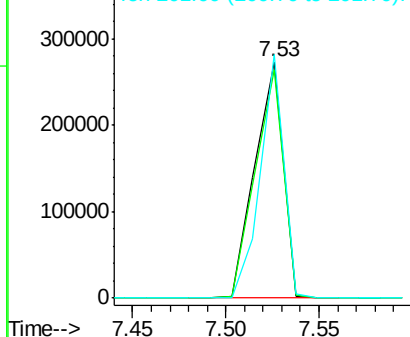


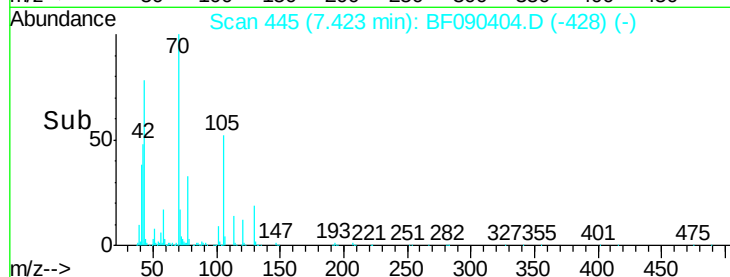
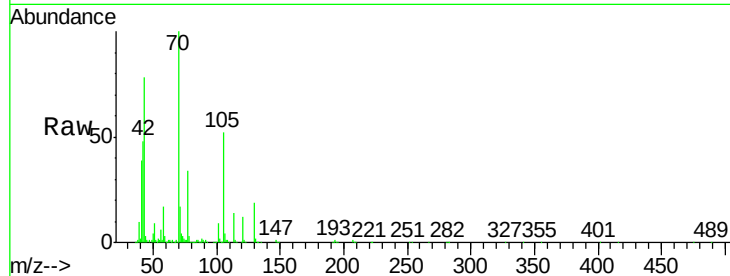
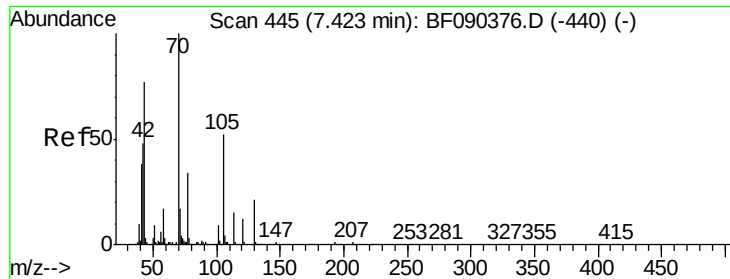
#18
Hexachloroethane
Concen: 37.31 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	286681		
119	119.00	96.5		75.9	113.9
201	201.00	103.0		66.5	99.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





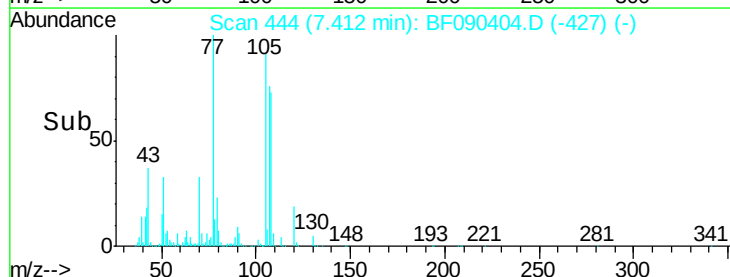
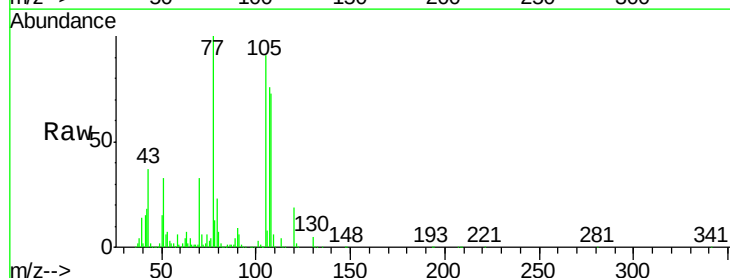
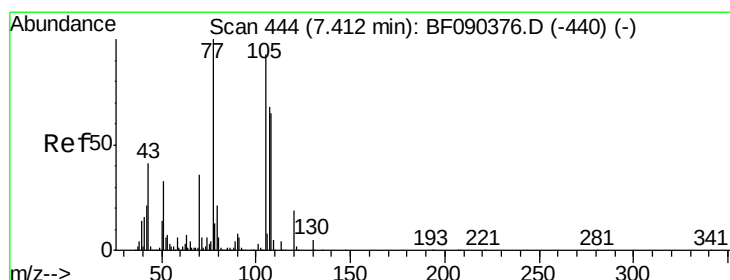
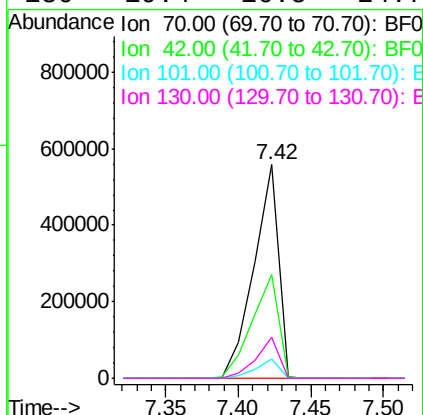
#19
n-Nitroso-di-n-propylamine
Concen: 39.32 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.4	55.4	83.2#
101	9.0	7.6	11.4
130	19.4	16.5	24.7

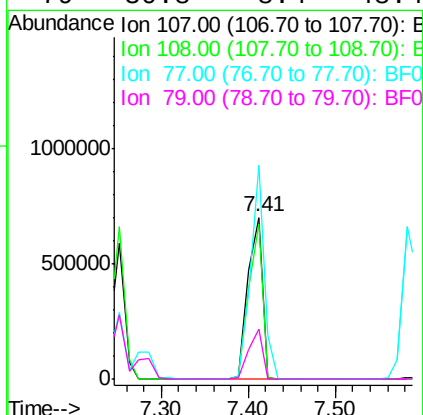
Manual Integrations
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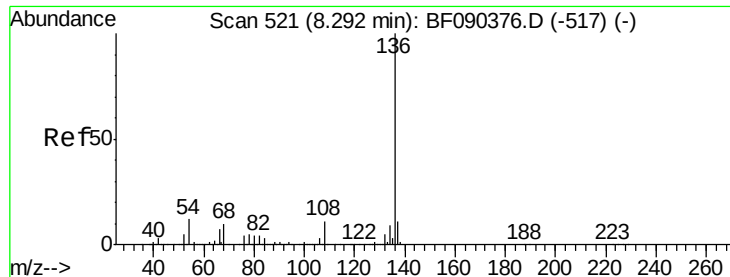
SOHIL
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#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.3	66.7	106.7
77	132.4	53.7	93.7#
79	30.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1087459

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

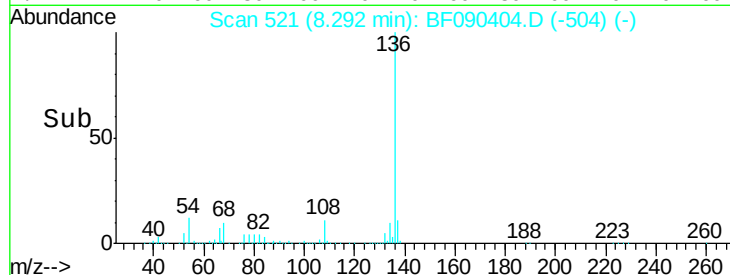
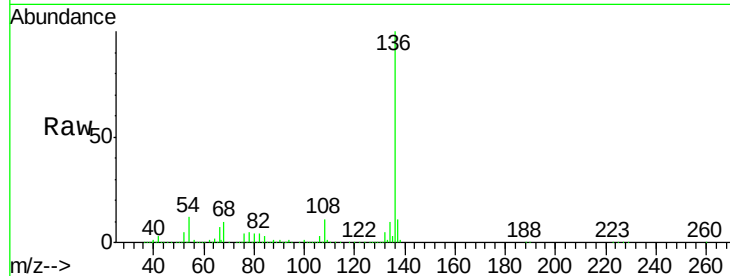
54 11.7 6.6 10.0#

68 10.1 5.0 7.6#

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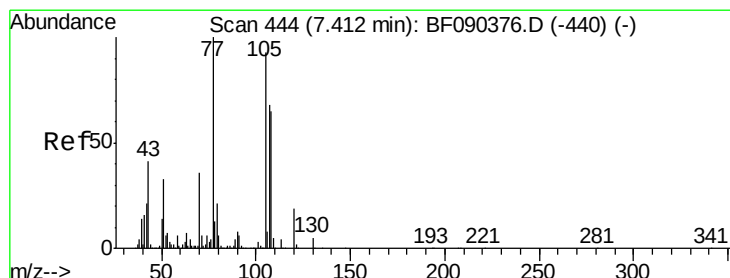
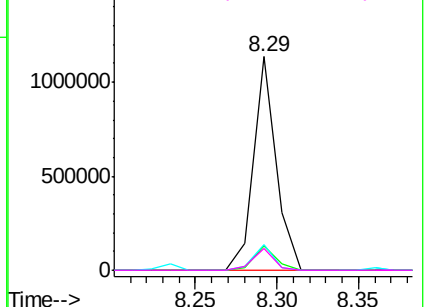


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.21 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion:105 Resp: 932531

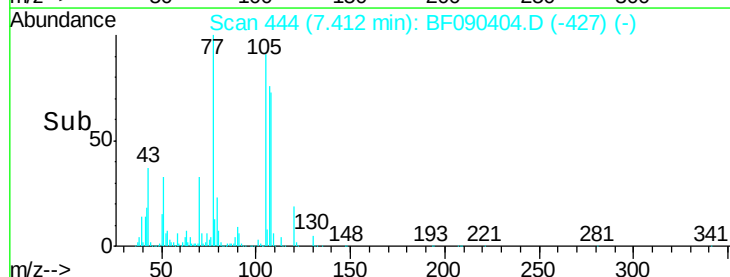
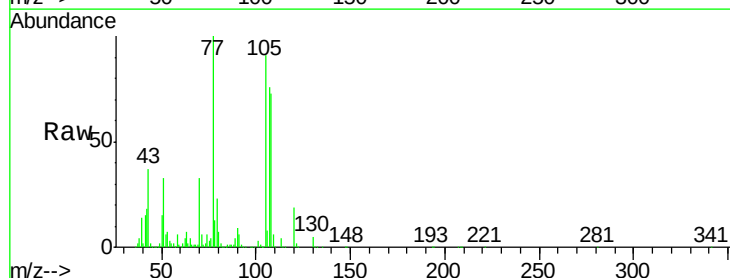
Ion Ratio Lower Upper

105 100

71 6.2 3.8 5.6#

51 36.0 28.2 42.4

120 20.5 17.4 26.2

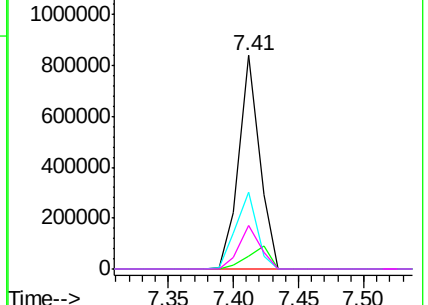


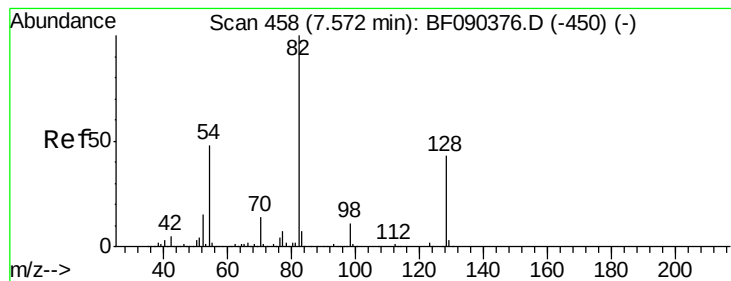
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.71 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1737200

Ion Ratio Lower Upper

82 100

128 43.2 40.0 60.0

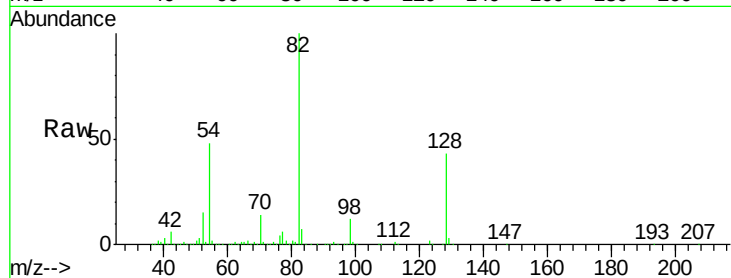
54 48.0 42.6 64.0

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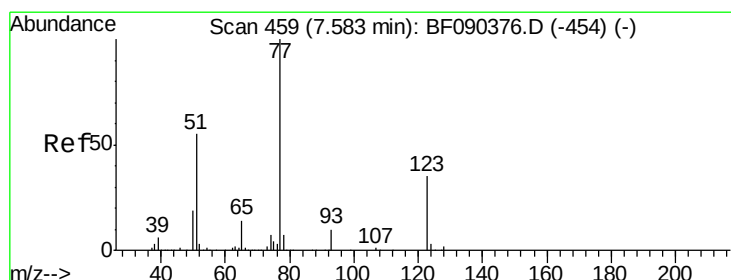
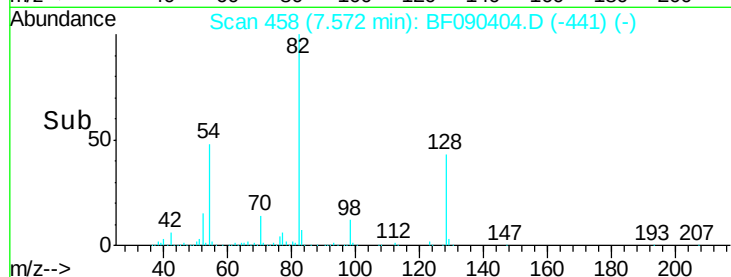
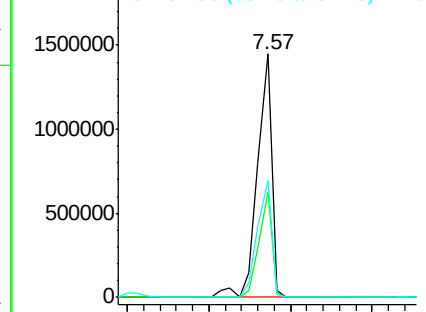
10/6/2016 5:27:46 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.78 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

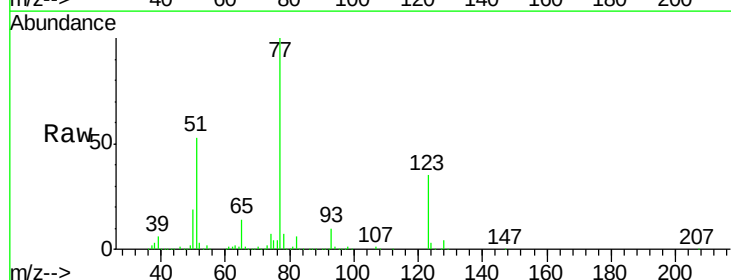
Tgt Ion: 77 Resp: 816349

Ion Ratio Lower Upper

77 100

123 34.7 33.0 49.4

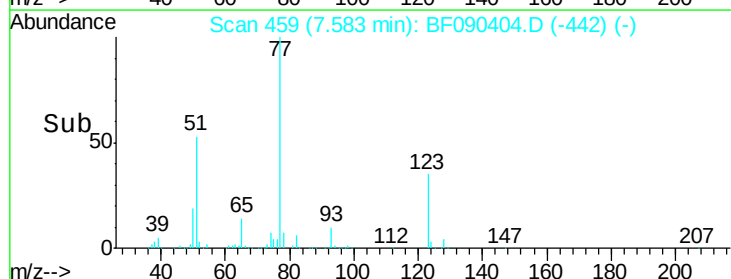
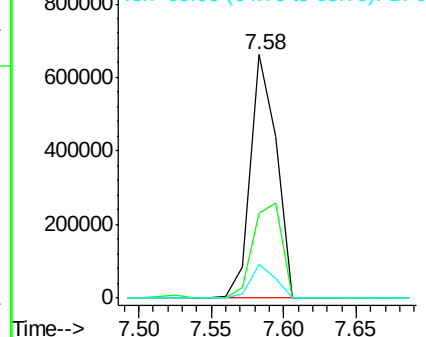
65 13.9 12.0 18.0

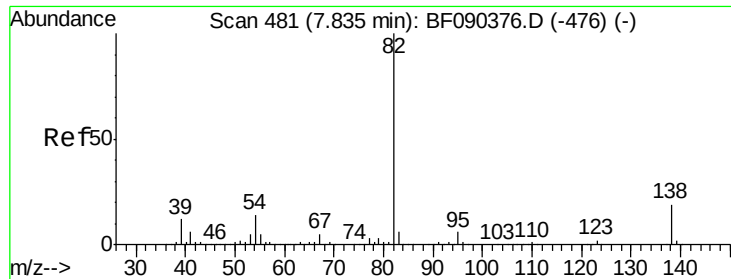


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.57 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1576398

Ion Ratio Lower Upper

82 100

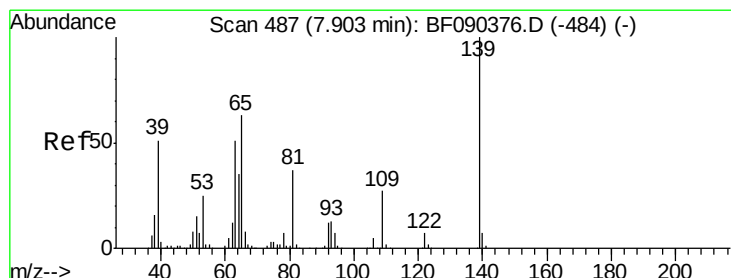
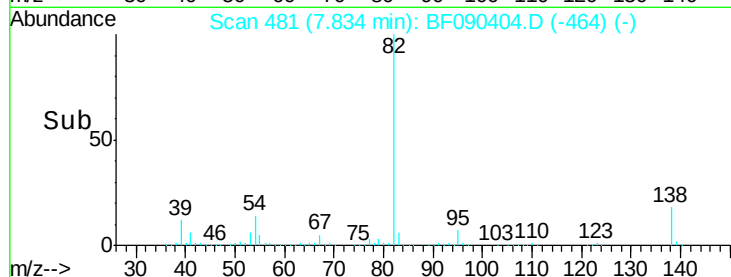
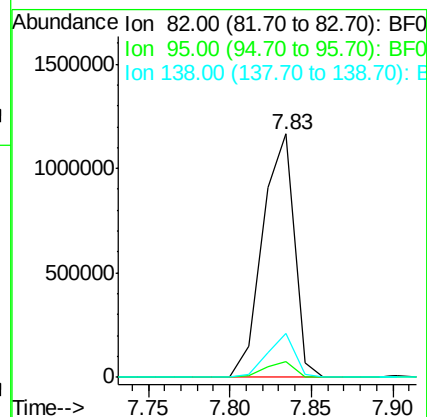
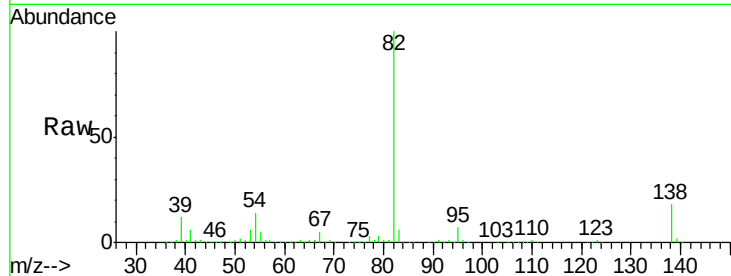
95 6.6 5.2 7.8

138 18.2 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.27 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

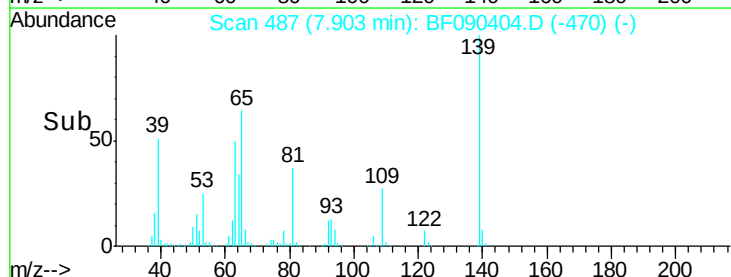
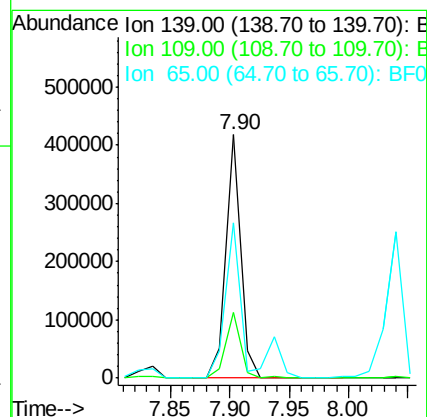
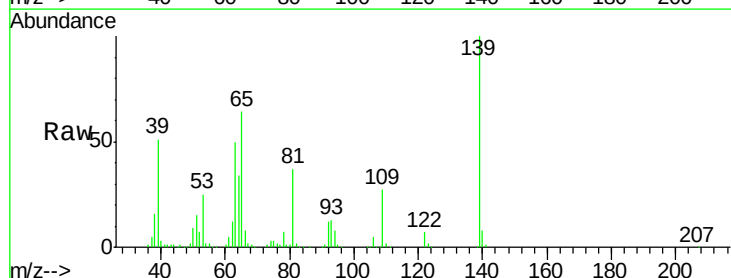
Tgt Ion: 139 Resp: 356045

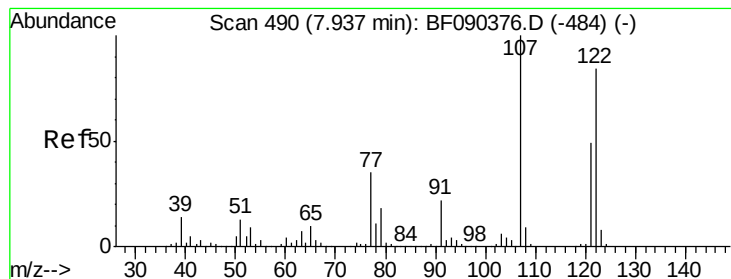
Ion Ratio Lower Upper

139 100

109 27.1 18.9 28.3

65 63.5 31.6 47.4#





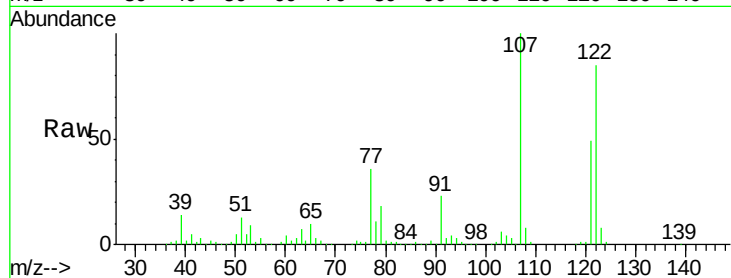
#27
 2,4-Dimethylphenol
 Concen: 34.68 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	88.6	132.8
121	58.3	47.5	71.3

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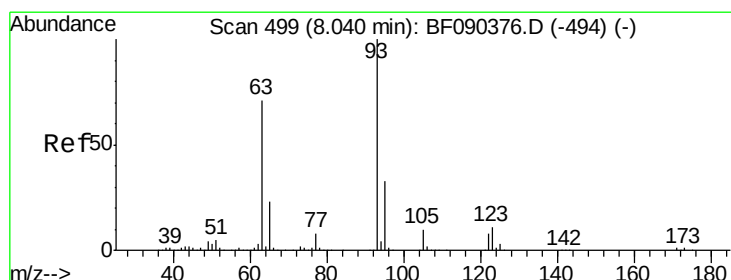
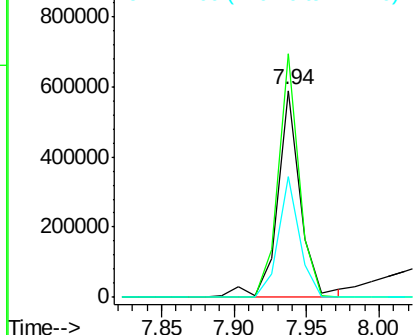
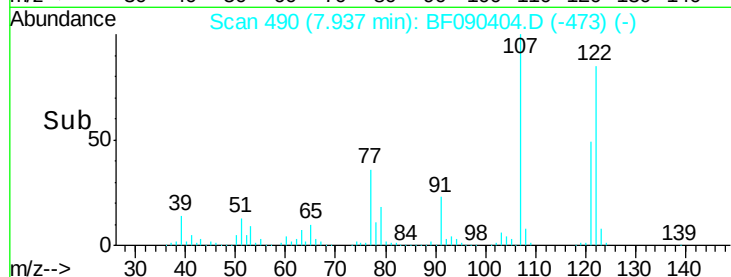


Abundance

Ion 122.00 (121.70 to 122.70): E

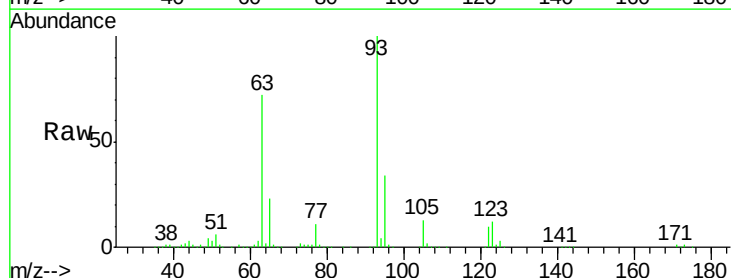
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.00 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	11.7	11.1	16.7

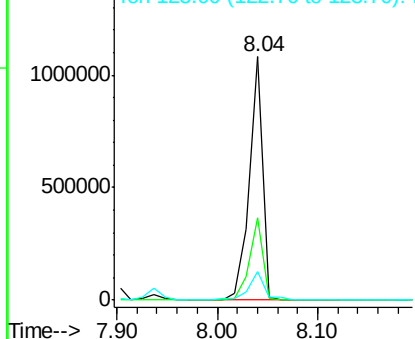
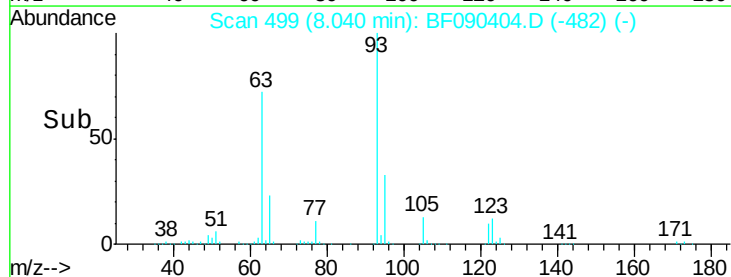


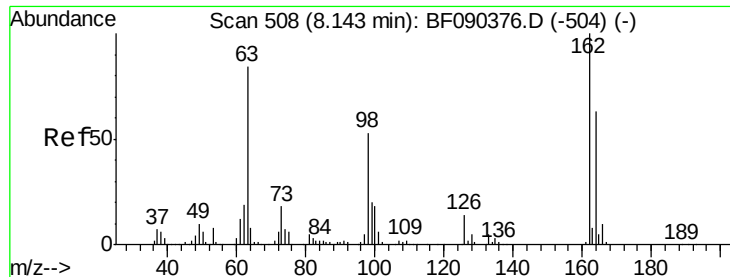
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





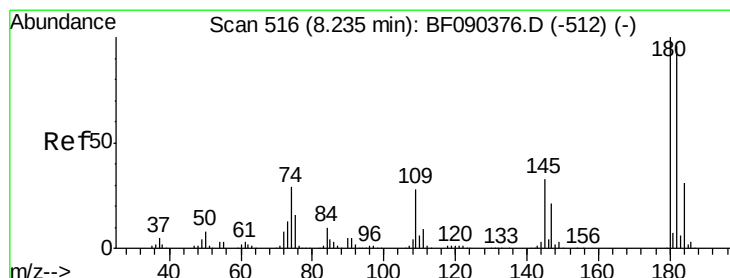
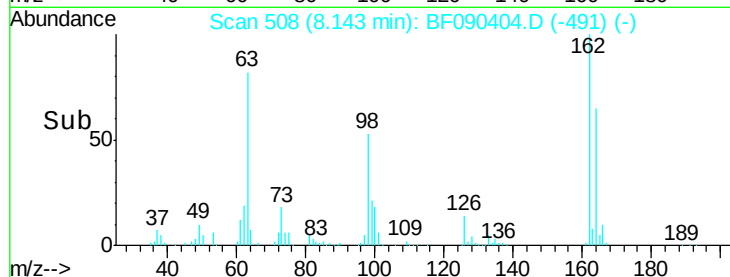
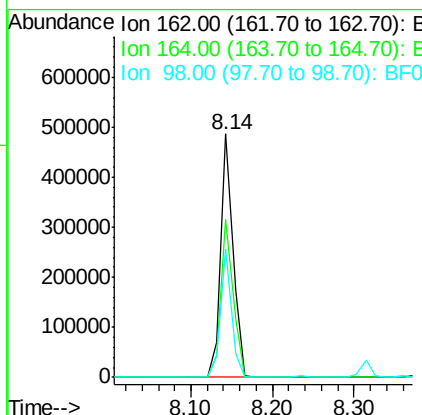
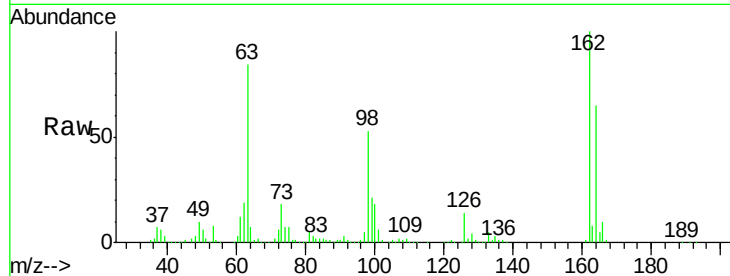
#29
2,4-Dichlorophenol
Concen: 35.77 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.7	85.7
98	52.6	13.3	53.3

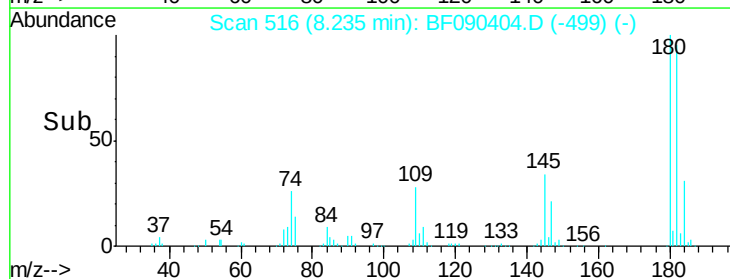
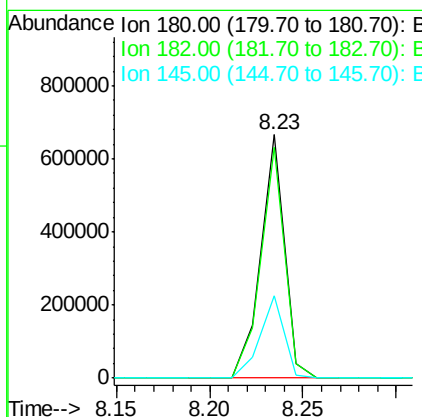
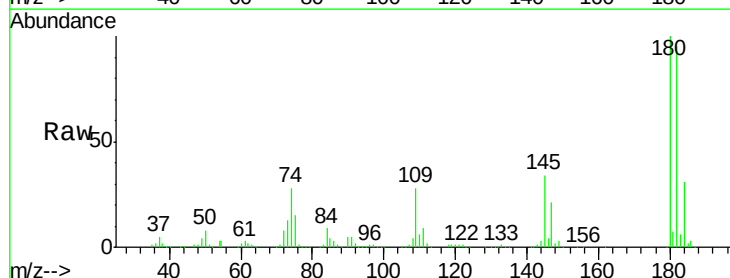
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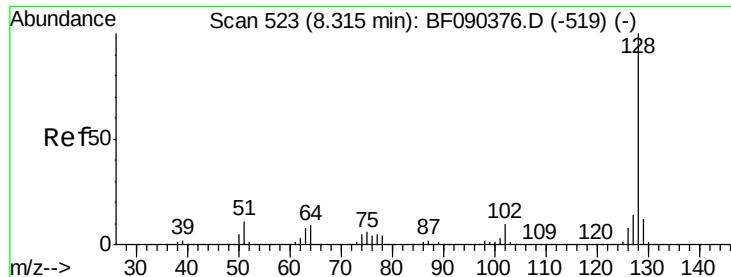
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#30
1,2,4-Trichlorobenzene
Concen: 40.12 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.3	112.9
145	33.7	27.7	41.5





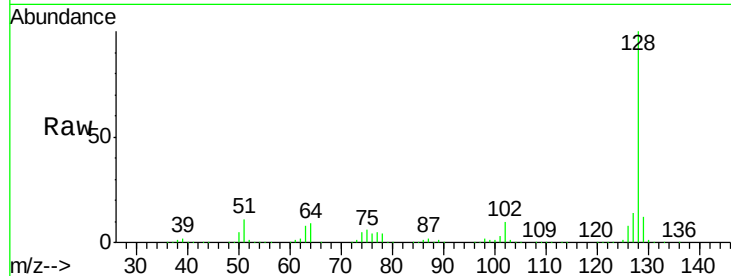
#31
Naphthalene
Concen: 35.93 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

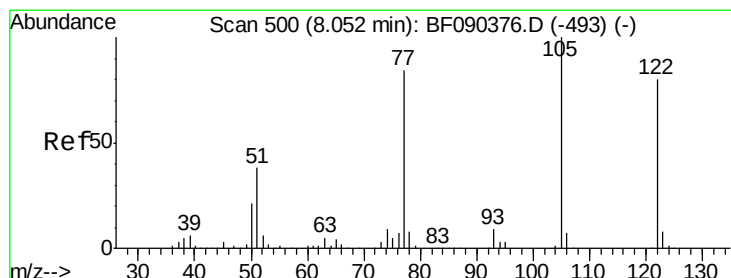
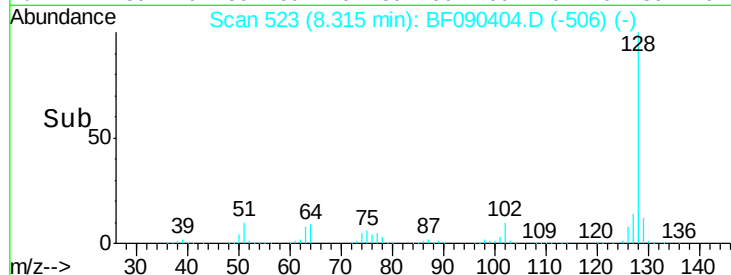
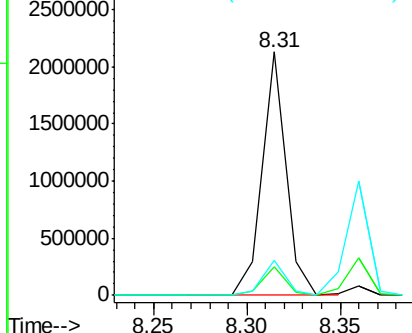
Tot Ion:128 Resp: 1885045
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 14.2 11.7 17.5

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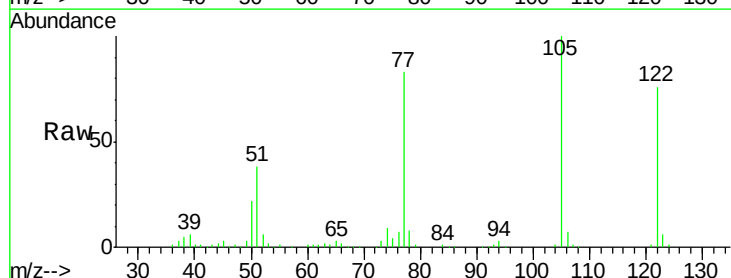


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

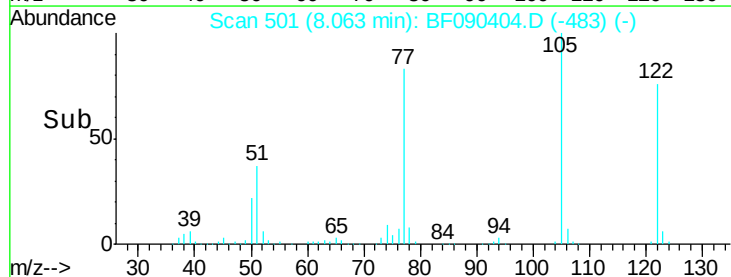
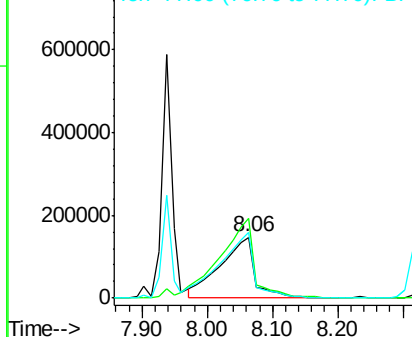


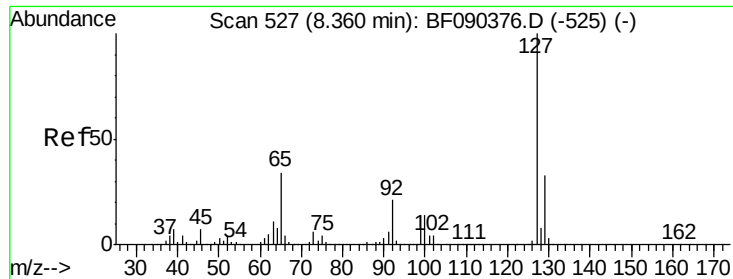
#32
Benzoic acid
Concen: 41.36 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion:122 Resp: 534190
Ion Ratio Lower Upper
122 100
105 131.1 103.9 143.9
77 108.7 74.6 114.6



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





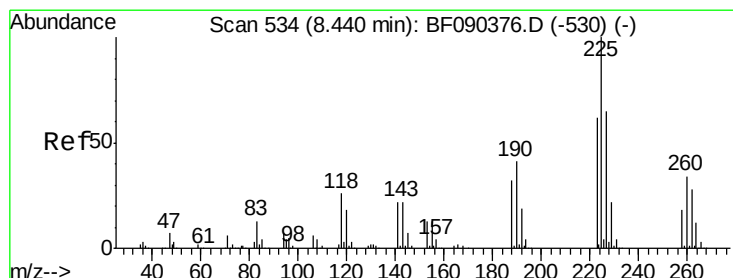
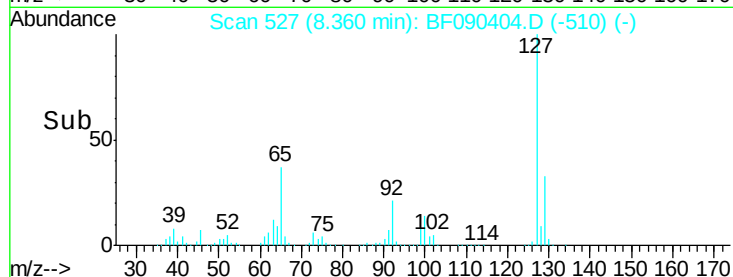
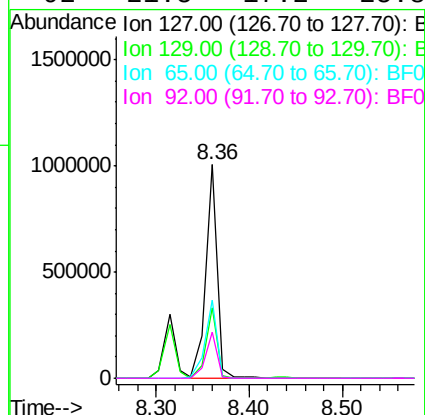
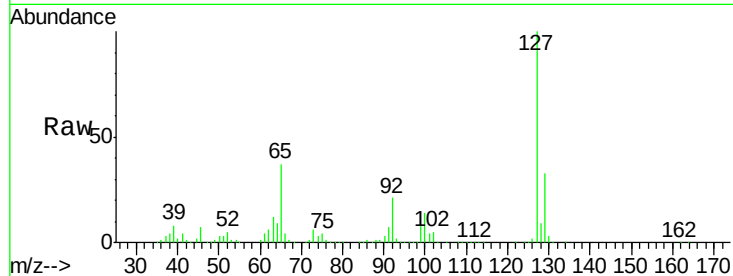
#33
 4-Chloroaniline
 Concen: 40.16 ng
 RT: 8.36 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.4		
65	36.6	32.5	48.7		
92	21.5	17.2	25.8		

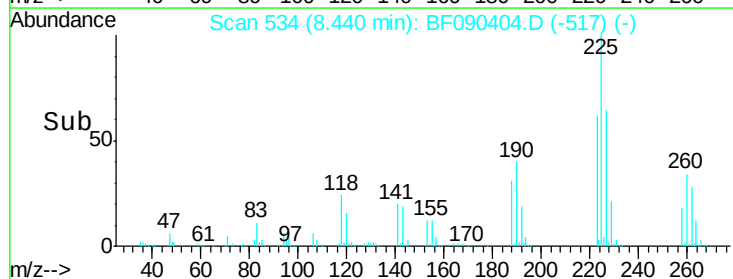
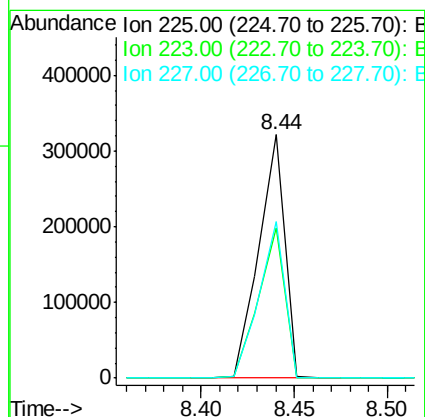
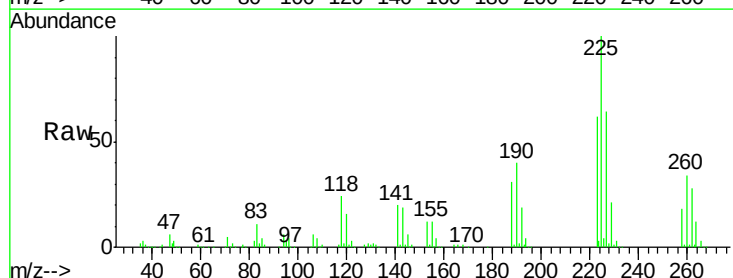
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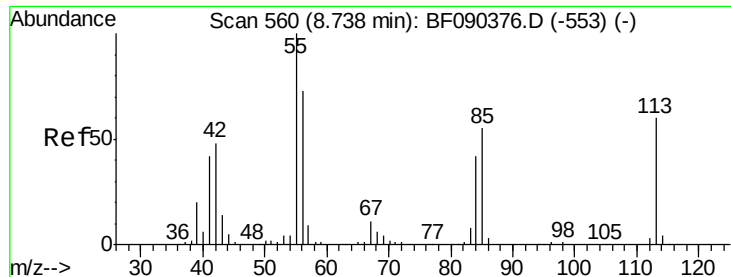
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#34
 Hexachlorobutadiene
 Concen: 38.85 ng
 RT: 8.44 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	51.0	76.4		
227	64.2	50.8	76.2		





#35

Caprolactam

Concen: 39.00 ng

RT: 8.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

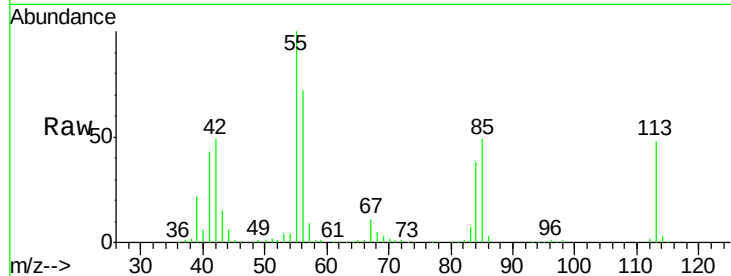
ClientSampled :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	210.0		203.3	243.3	
56	152.2		140.5	180.5	

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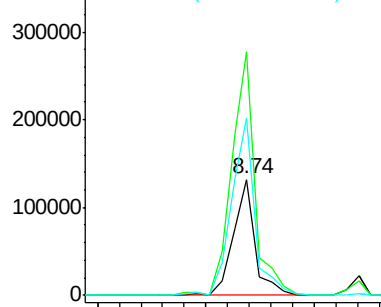
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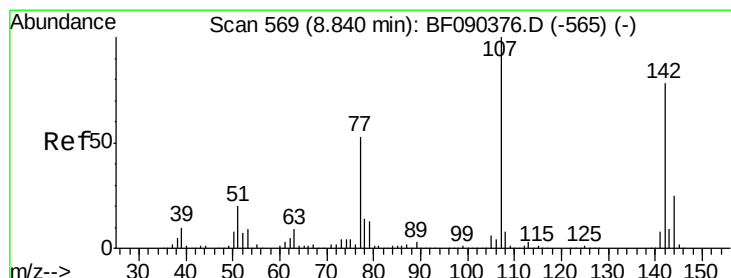
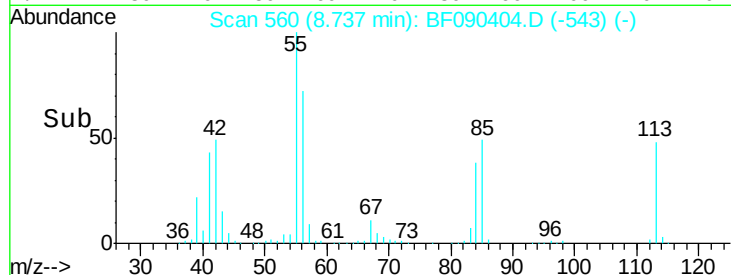
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 40.77 ng

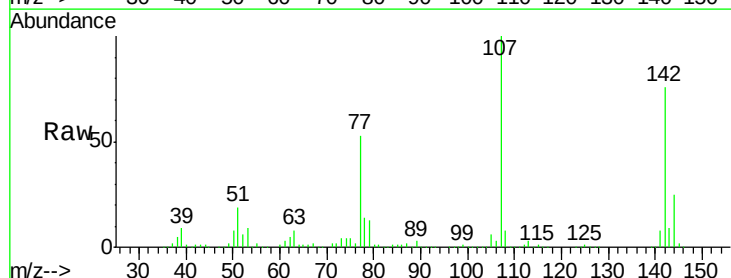
RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

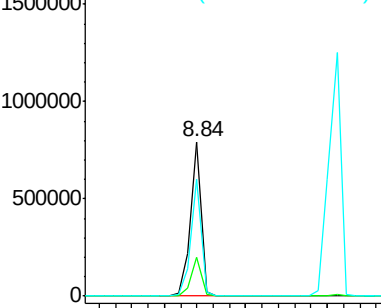
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1		19.8	29.8	
142	75.8		60.7	91.1	



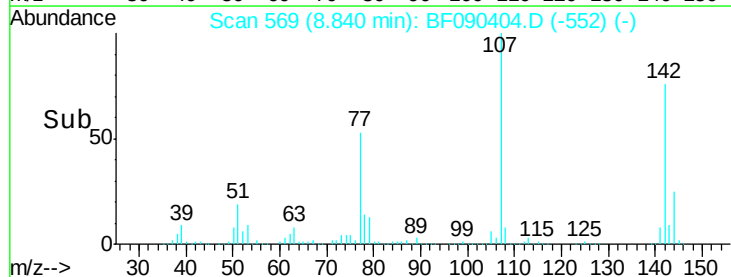
Abundance Ion 107.00 (106.70 to 107.70): E

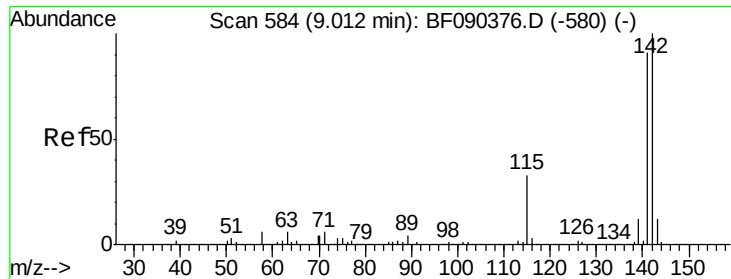
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





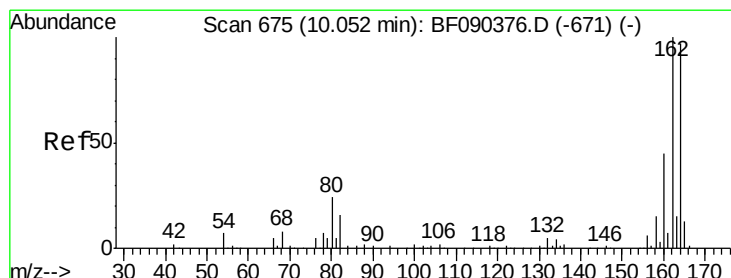
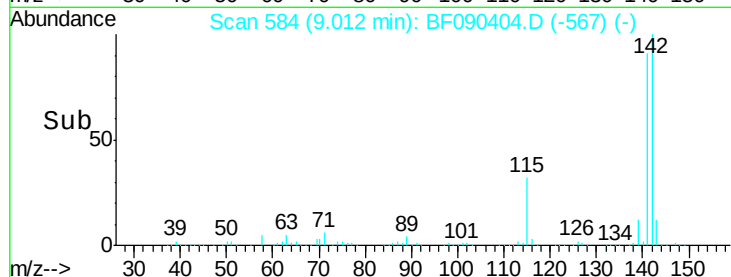
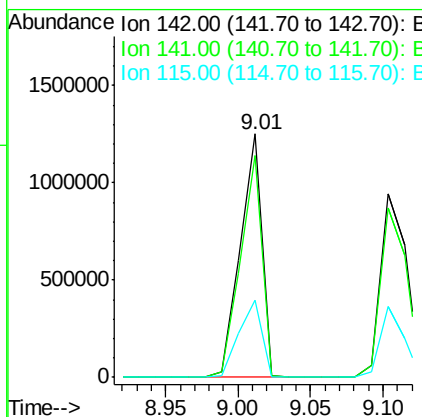
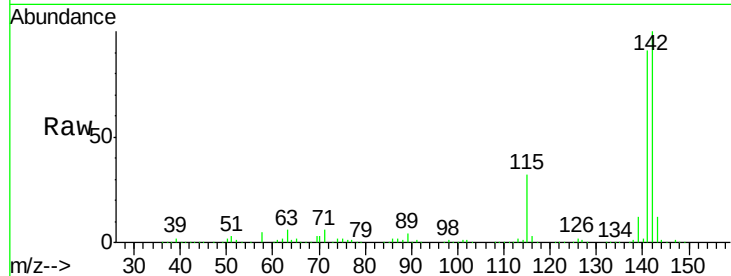
#37
2-Methylnaphthalene
Concen: 40.78 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.8	107.8
115	31.8	28.8	43.2

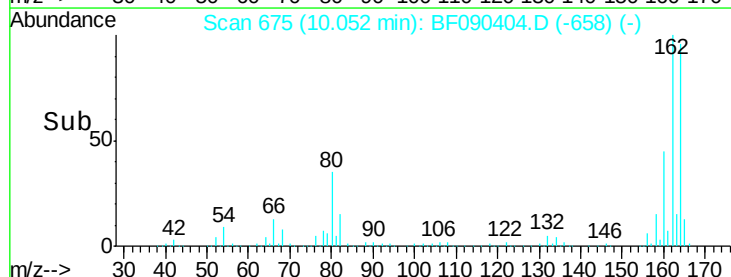
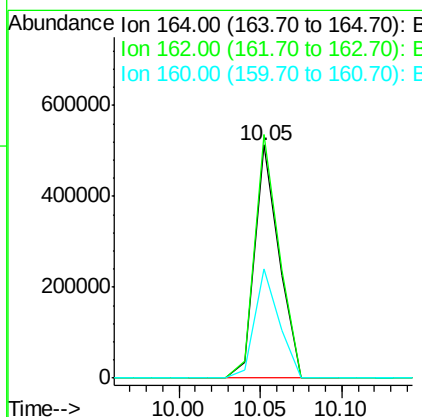
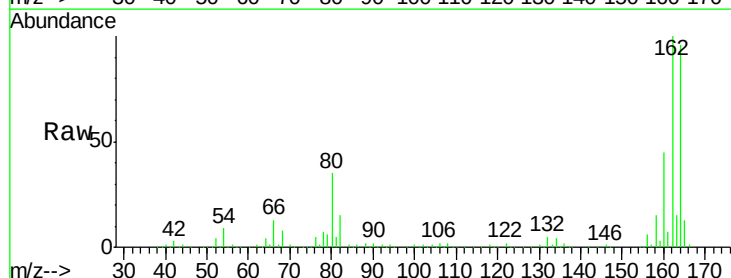
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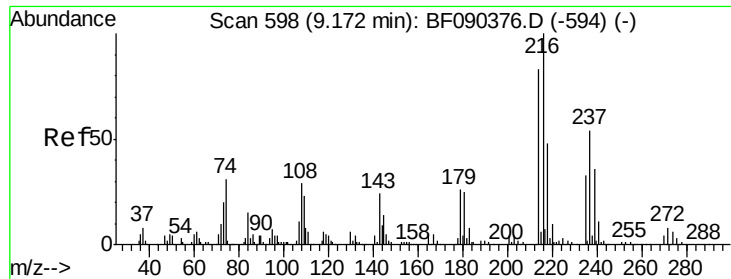
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.1	120.1
160	47.0	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.39 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

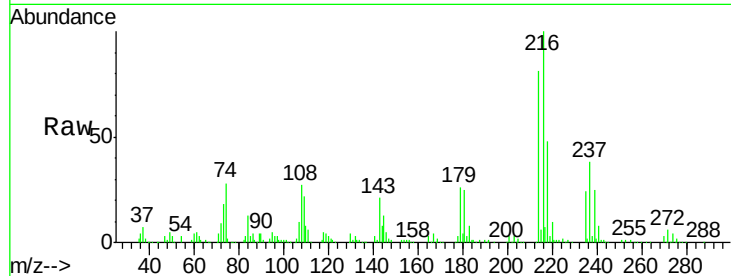
ClientSampleId :

SSTDCCC040EC

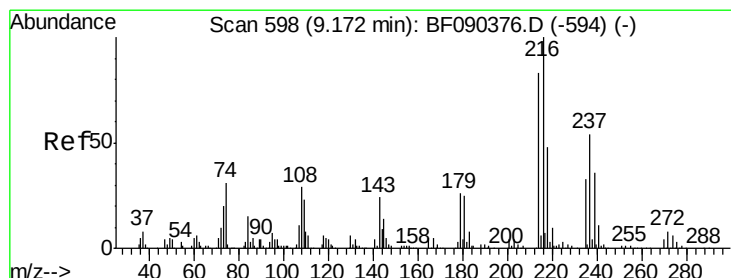
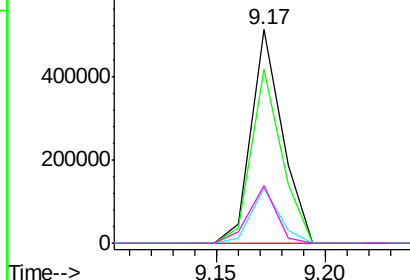
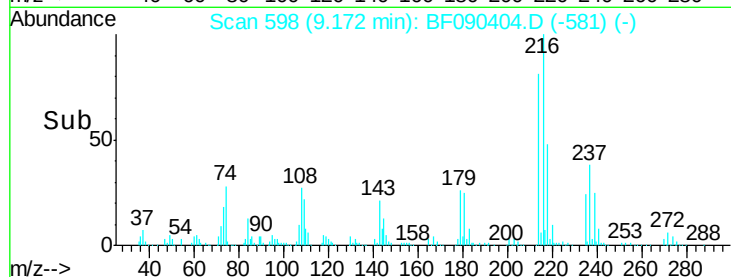
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		510946		
214	79.6	64.2	96.2		
179	23.5	18.0	27.0		
108	24.3	15.2	22.8		

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.41 ng

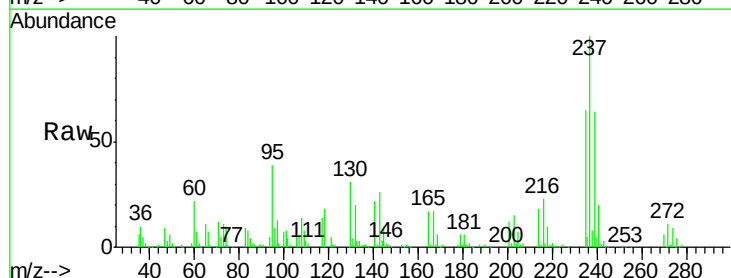
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

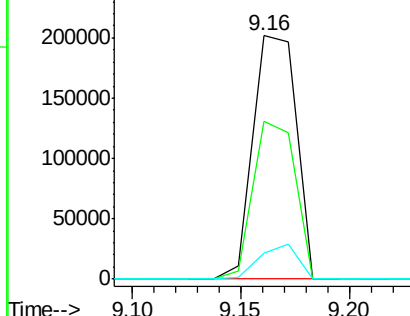
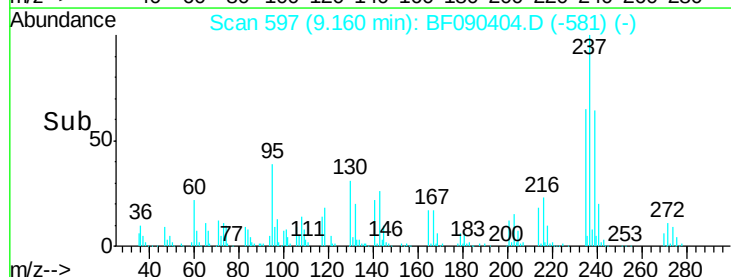
Lab File: BF090404.D

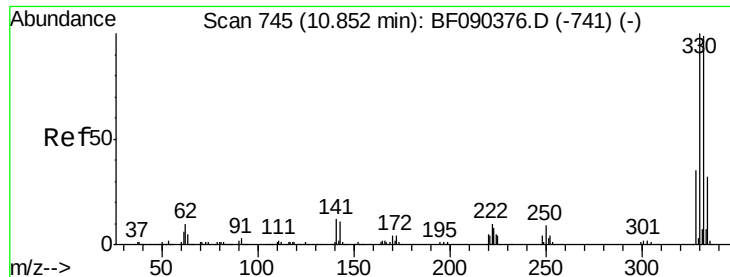
Acq: 6 Oct 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		280277		
235	65.0	43.6	83.6		
272	10.9	0.0	32.7		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





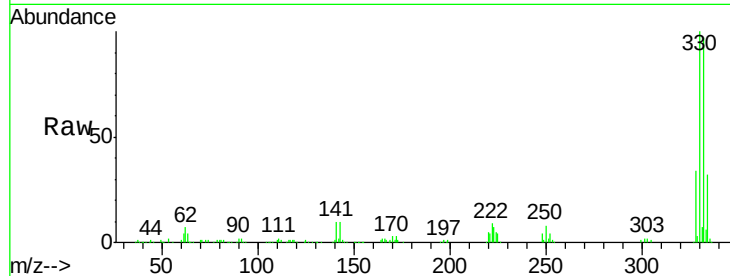
#41
 2,4,6-Tribromophenol
 Concen: 84.50 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

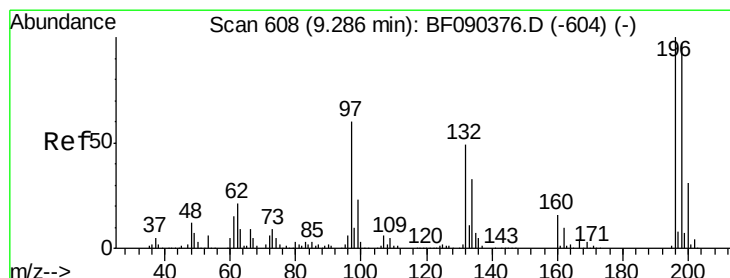
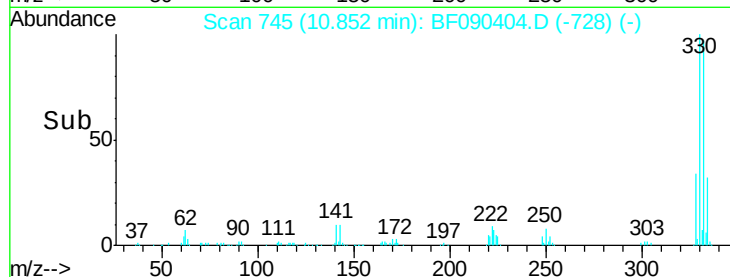
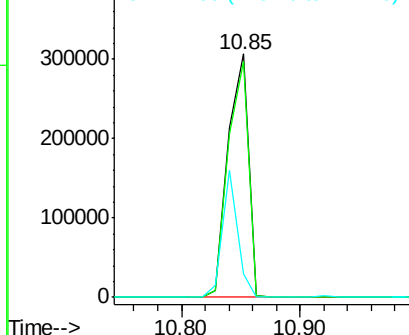
Tot Ion	Ratio	Resp	Lower	Upper
330	100	365967		
332	96.4	75.4	113.0	
141	38.5	26.9	40.3	

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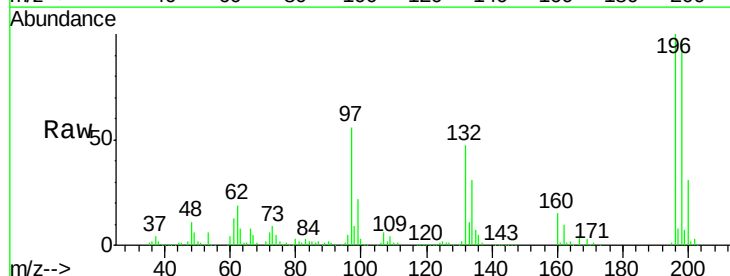


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

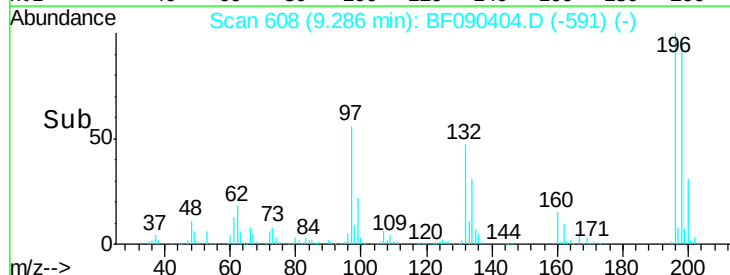
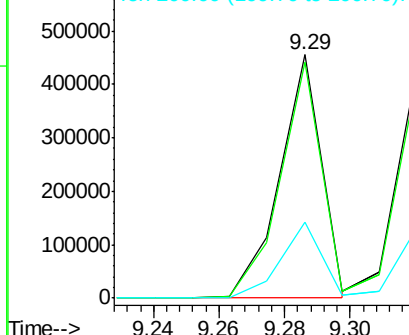


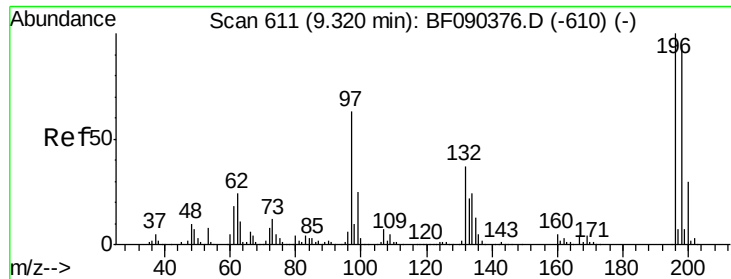
#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	402988		
198	96.8	78.9	118.3	
200	31.2	25.4	38.2	



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





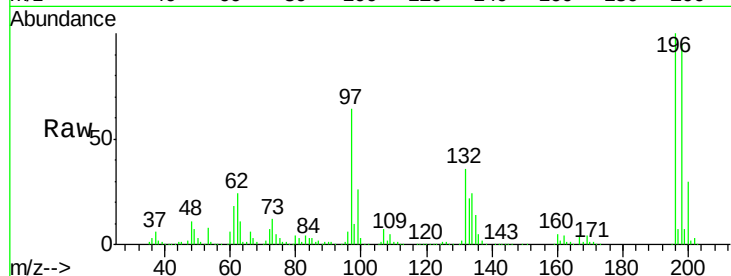
#43
 2,4,5-Trichlorophenol
 Concen: 41.26 ng/ml
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

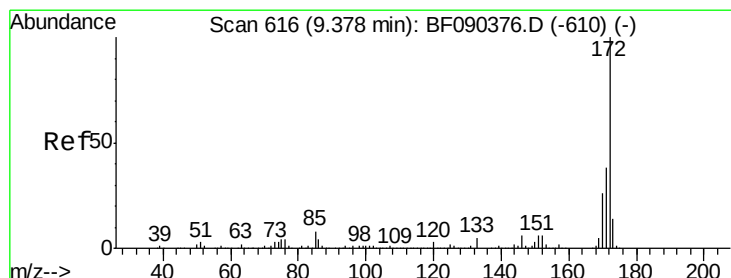
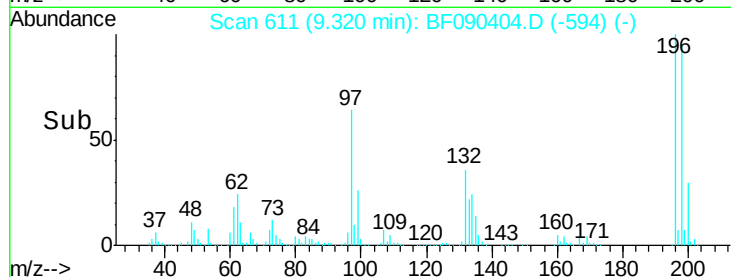
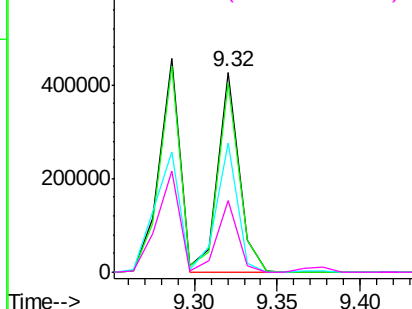
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		378017		
198	94.9	78.1	117.1		
97	64.3	48.1	72.1		
132	35.5	27.4	41.2		

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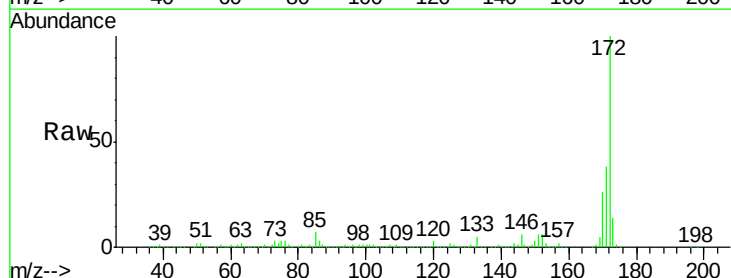


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

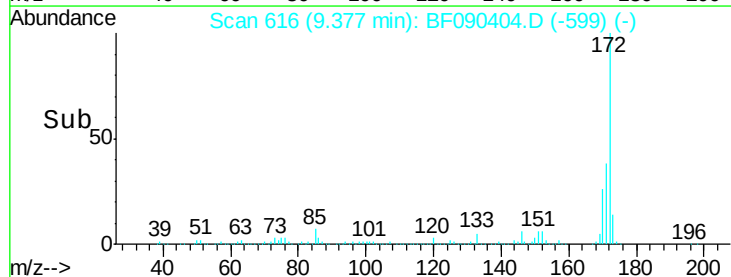
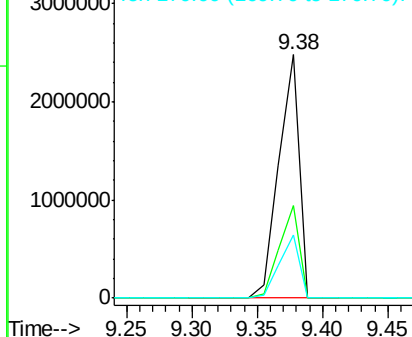


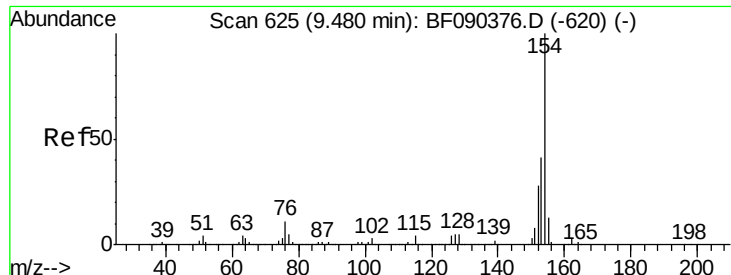
#44
 2-Fluorobiphenyl
 Concen: 84.90 ng/ml
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2714105		
171	38.0	31.8	47.8		
170	25.8	21.7	32.5		



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





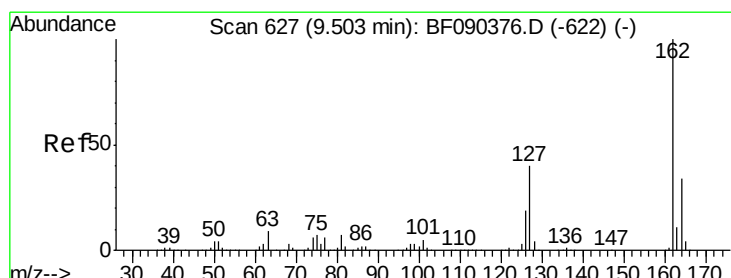
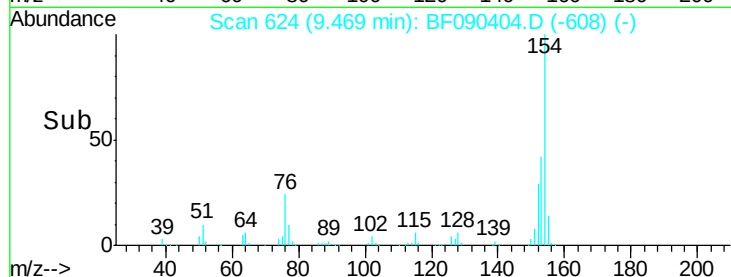
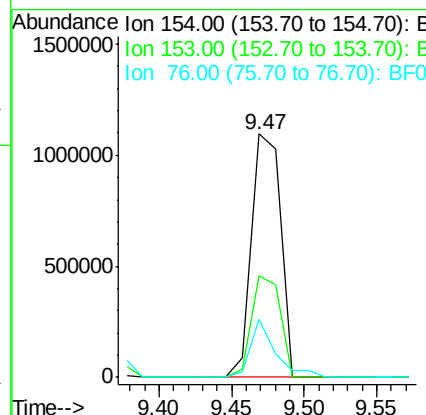
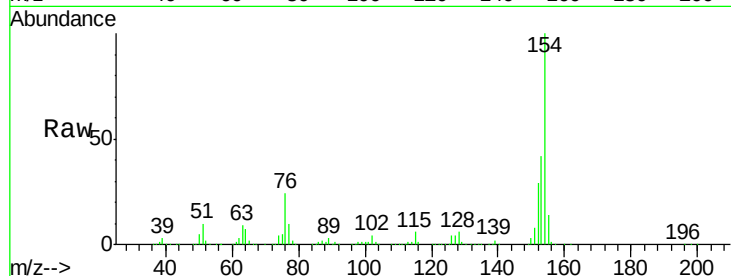
#45
1,1'-Biphenyl
Concen: 38.50 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.8	63.8
76	23.7	0.0	35.8

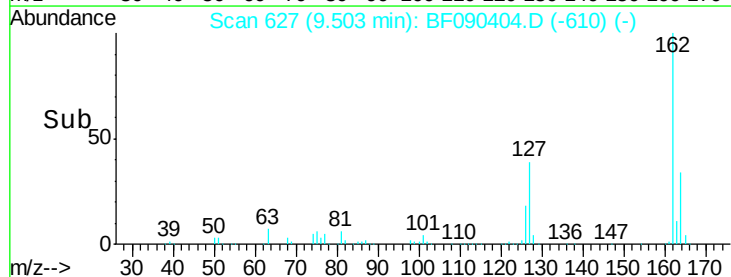
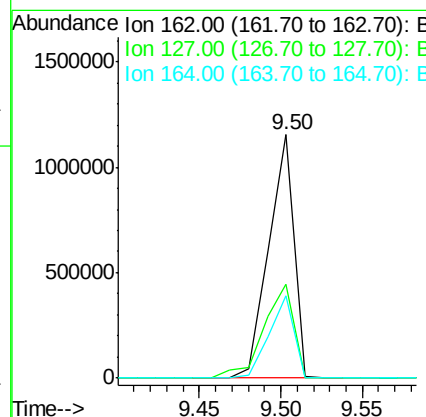
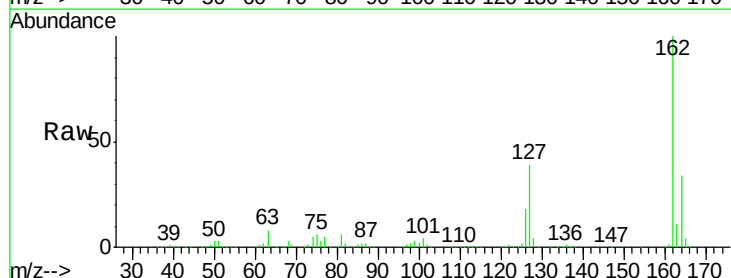
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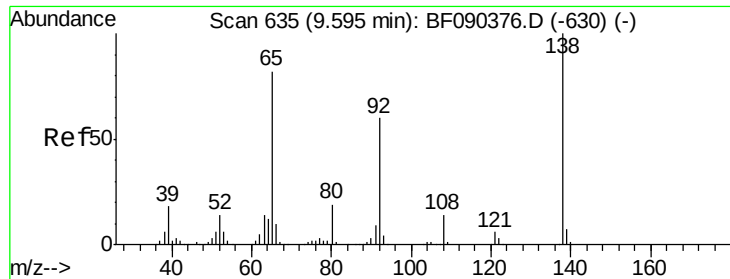
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#46
2-Chloronaphthalene
Concen: 42.68 ng
RT: 9.50 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	35.6	53.4
164	33.9	27.5	41.3





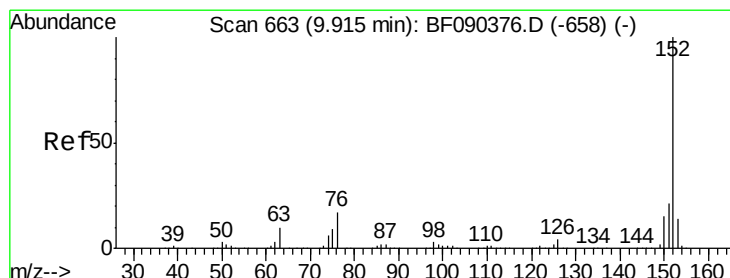
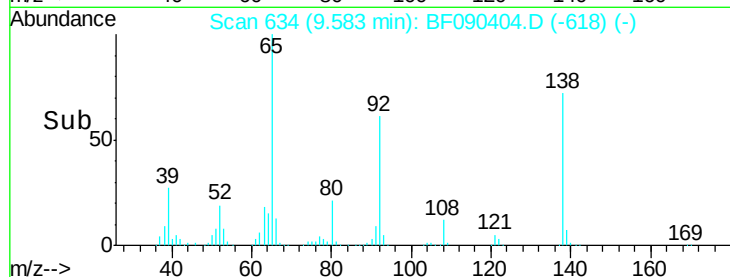
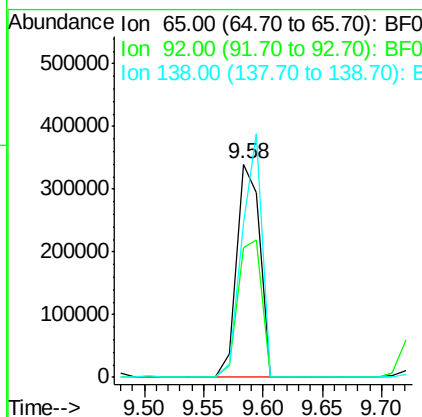
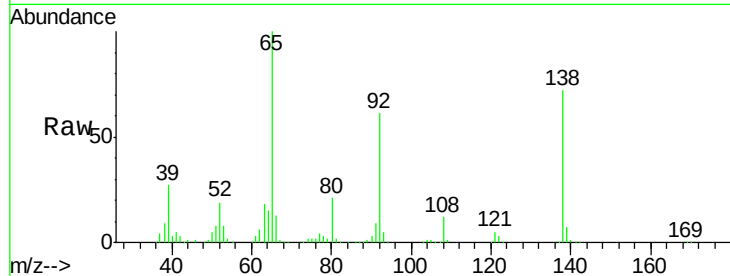
#47
2-Nitroaniline
Concen: 40.22 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.9	51.7	77.5
138	72.3	79.0	118.4

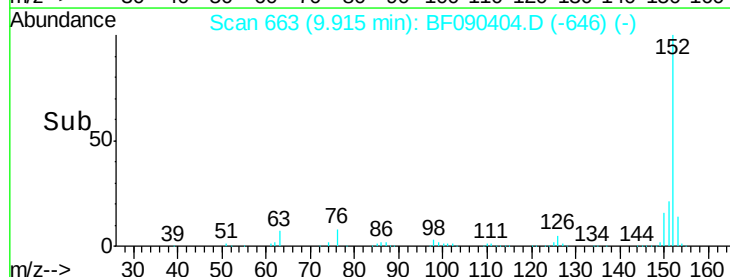
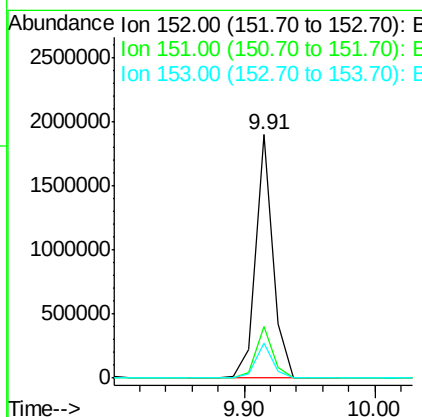
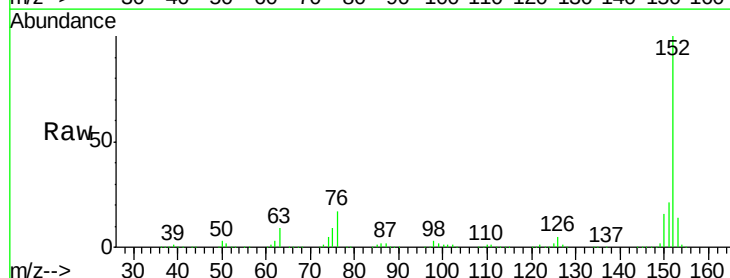
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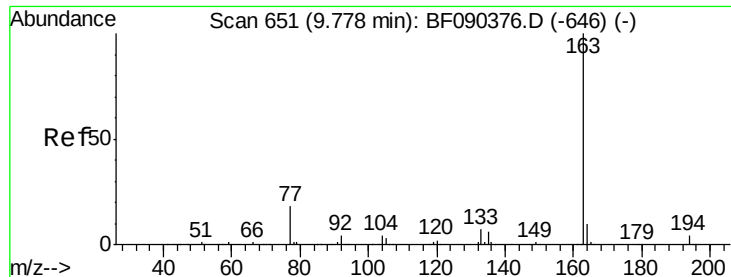
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#48
Acenaphthylene
Concen: 36.40 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.0
153	14.5	11.6	17.4





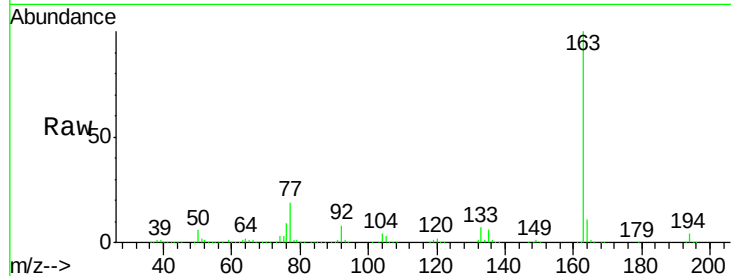
#49
Dimethylphthalate
Concen: 42.25 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

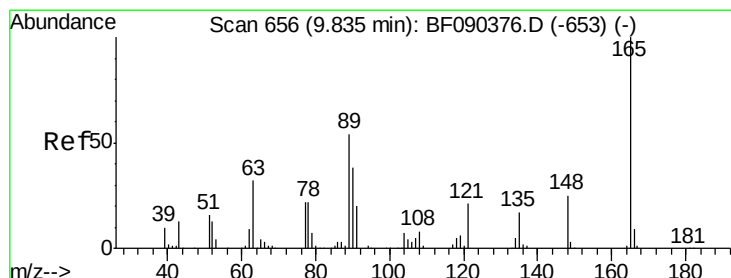
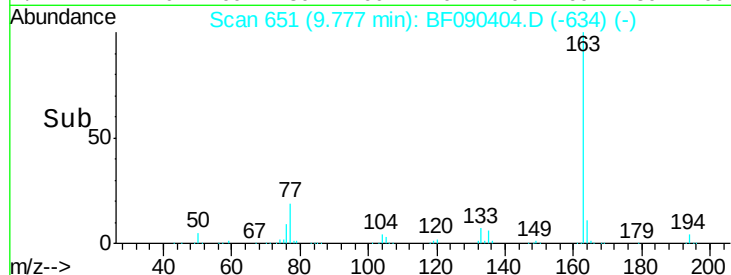
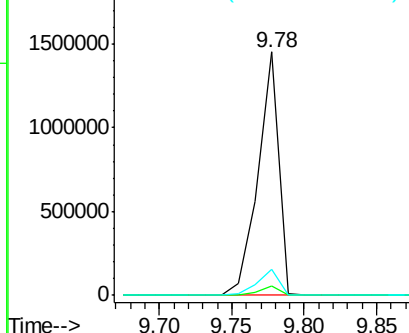
Tot Ion:163 Resp: 1441095
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.5 9.0 13.4

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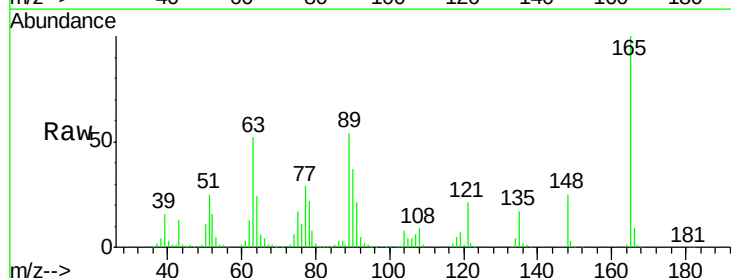


Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

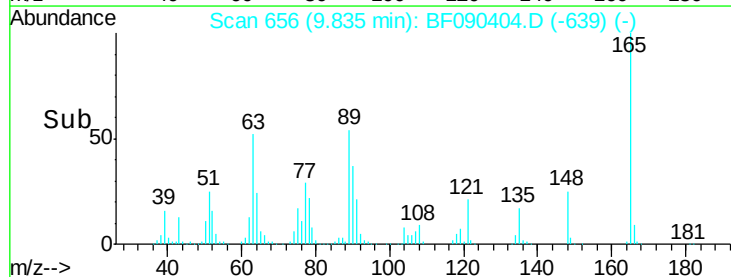
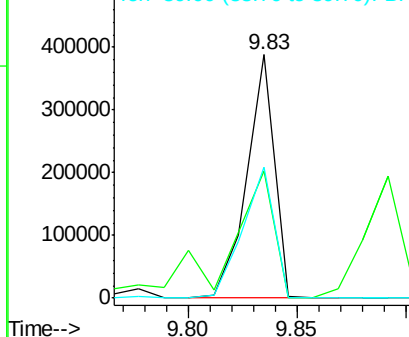


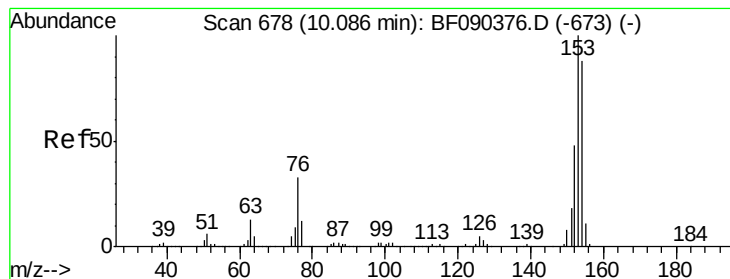
#50
2,6-Dinitrotoluene
Concen: 45.03 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion:165 Resp: 340976
Ion Ratio Lower Upper
165 100
63 52.3 58.0 87.0#
89 54.0 51.2 76.8



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: 37.31 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1119237

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

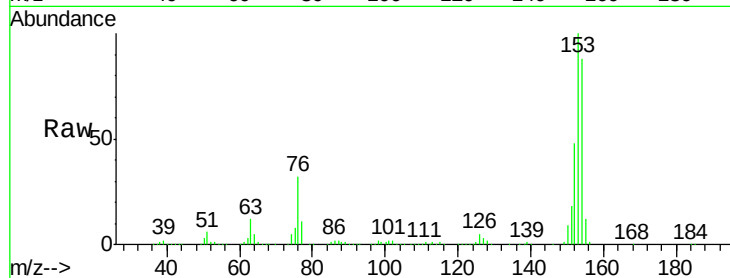
152 54.2 42.6 64.0

Manual Integrations

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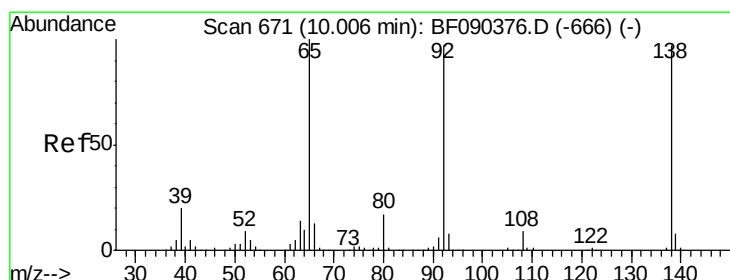
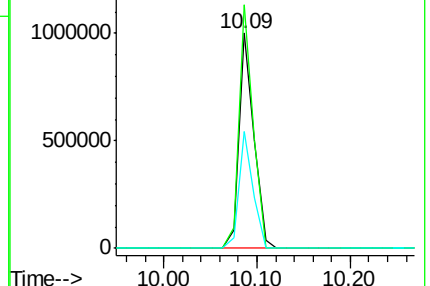
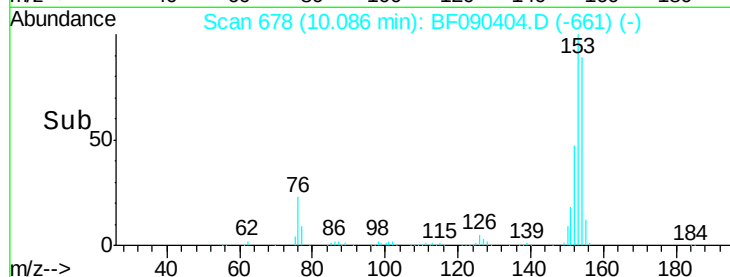
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.63 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

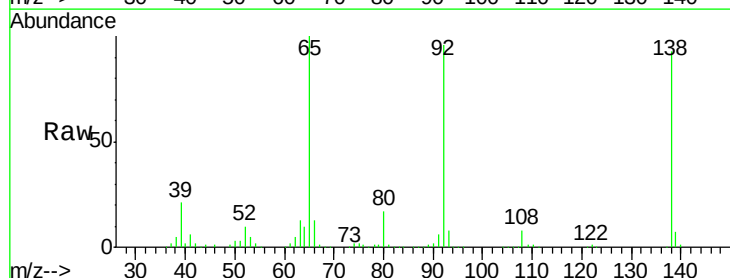
Tgt Ion:138 Resp: 394816

Ion Ratio Lower Upper

138 100

108 8.9 9.7 14.5#

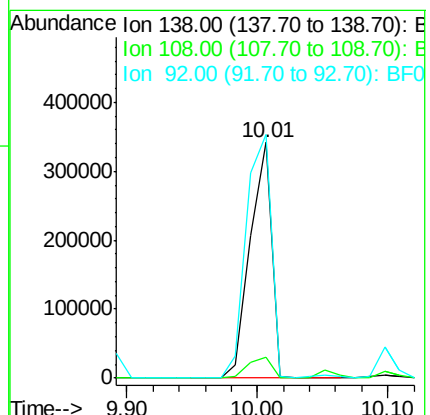
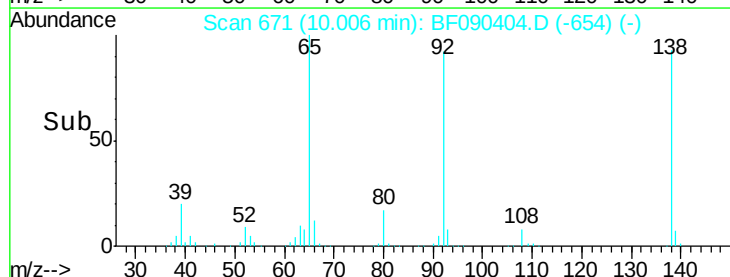
92 103.2 97.1 145.7

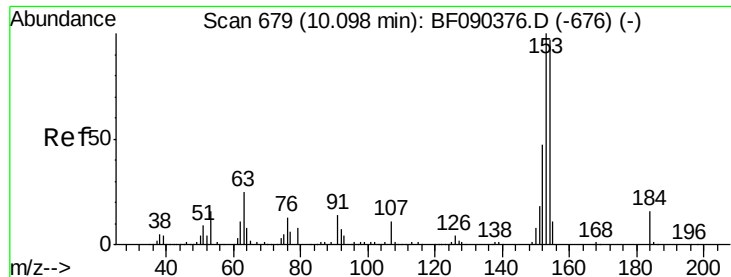


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





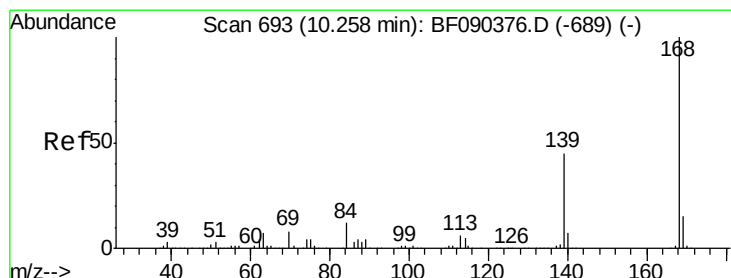
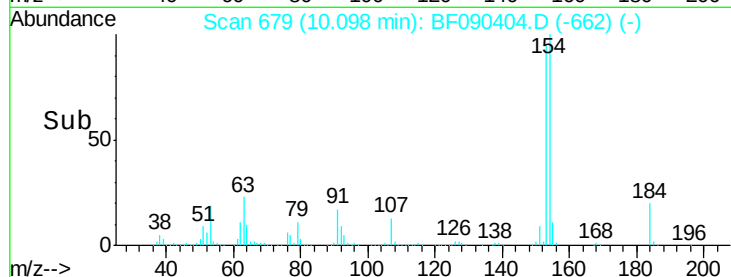
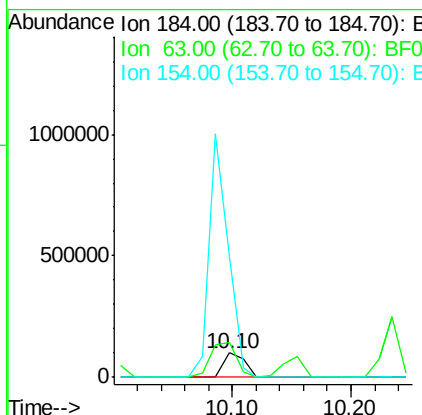
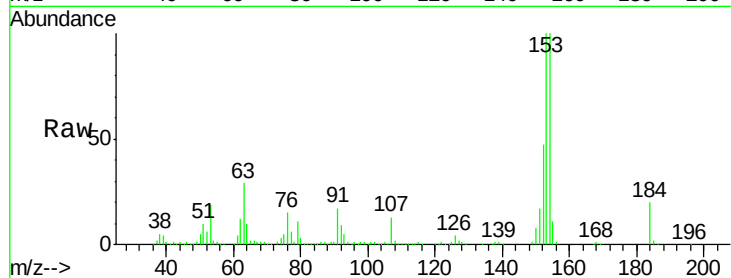
#53
2,4-Dinitrophenol
Concen: 37.55 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	126772		
63	142.0	41.9	62.9#	
154	495.5	48.9	73.3#	

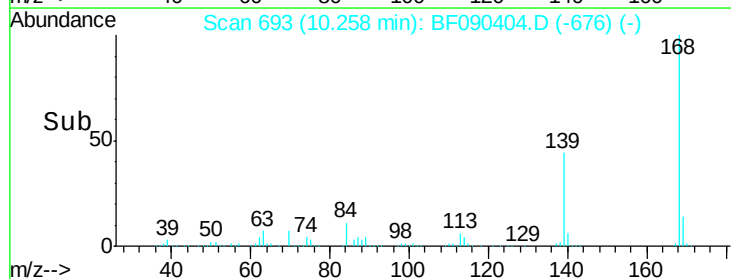
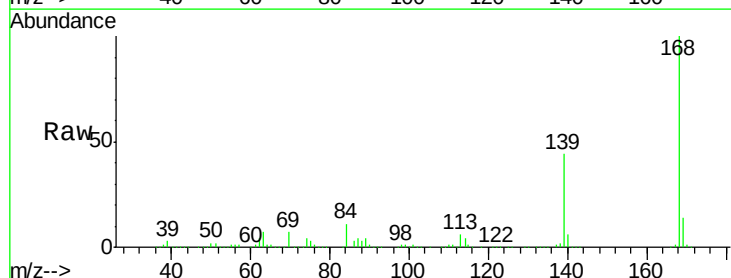
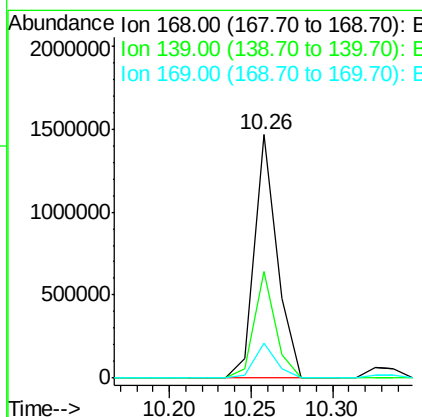
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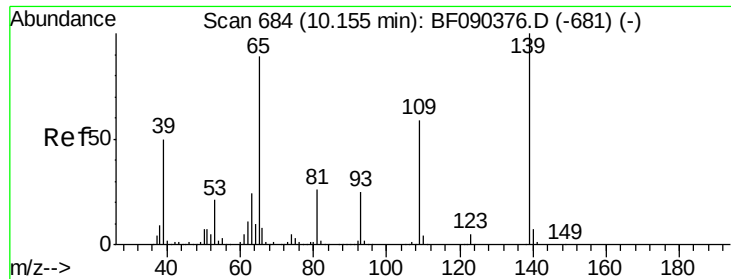
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#54
Dibenzofuran
Concen: 36.44 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1414990		
139	43.8	29.6	44.4	
169	14.3	11.3	16.9	





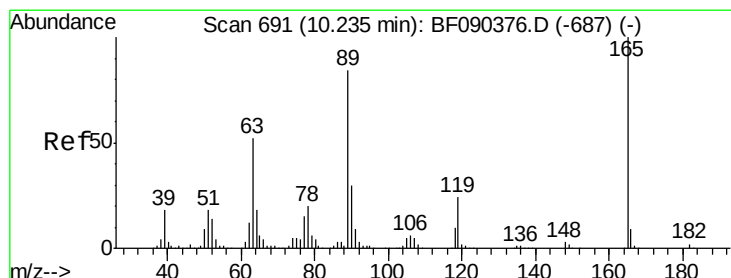
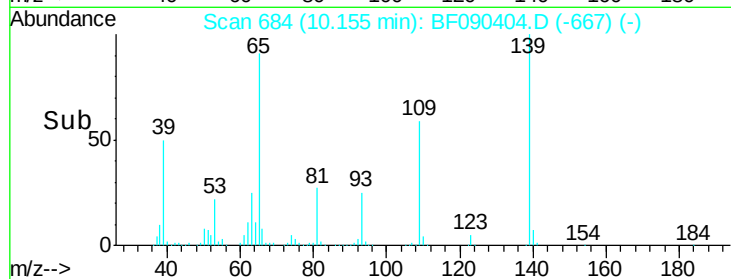
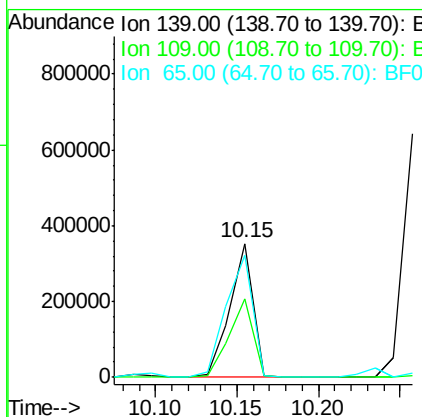
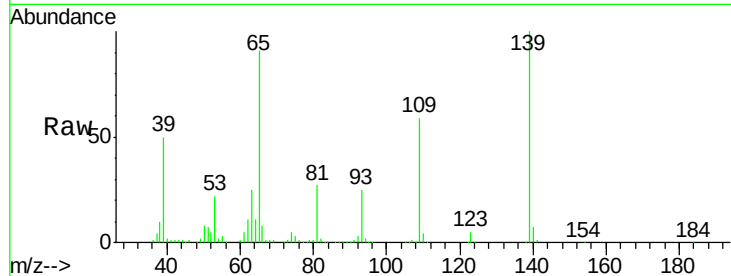
#55
4-Nitrophenol
Concen: 44.86 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.2	43.6	83.6
65	91.3	87.5	127.5

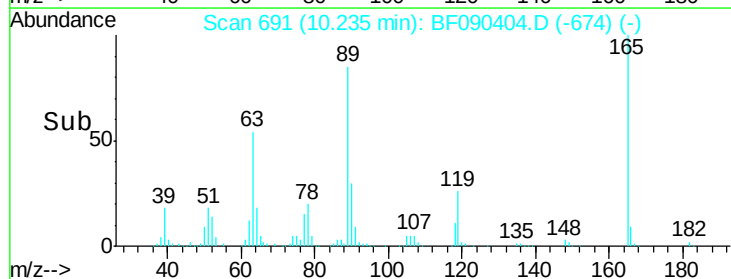
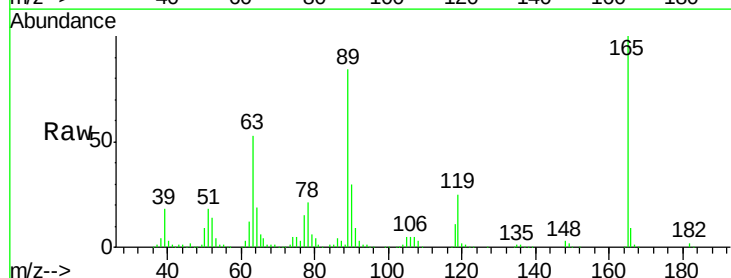
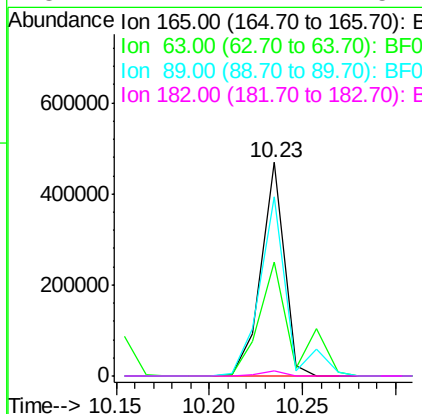
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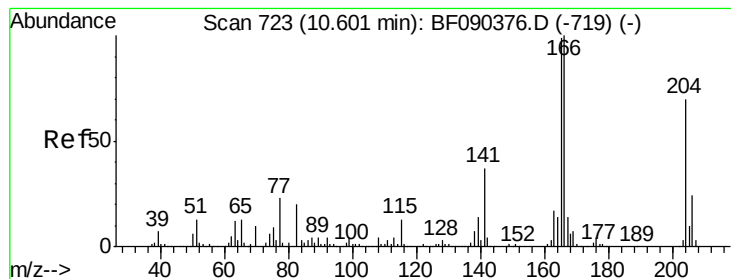
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#56
2,4-Dinitrotoluene
Concen: 39.90 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	17.8	26.6#
89	84.0	33.2	49.8#
182	2.2	2.1	3.1





#57

Fluorene

Concen: 38.24 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1247775

Ion Ratio Lower Upper

166 100

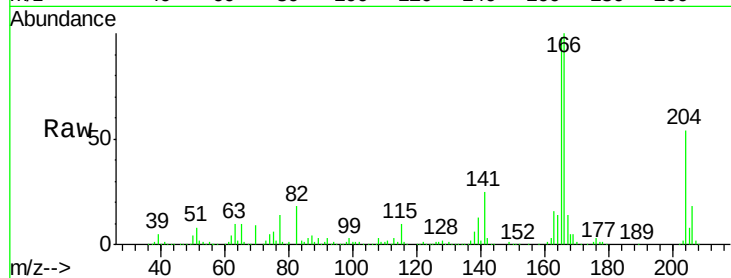
165 97.8 79.2 118.8

167 14.2 11.1 16.7

Manual Integrations
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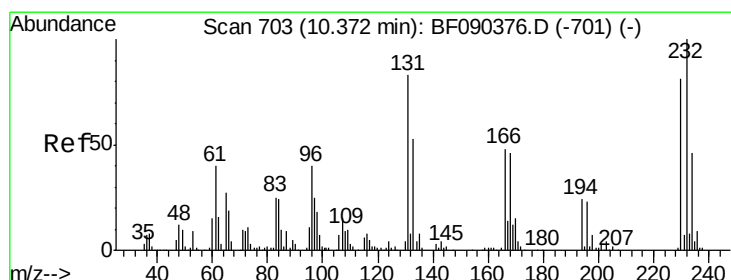
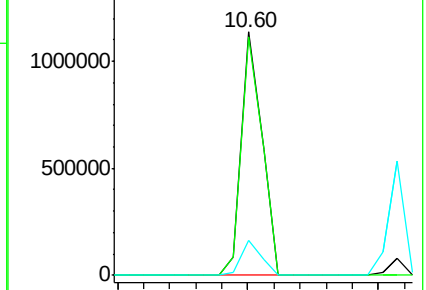
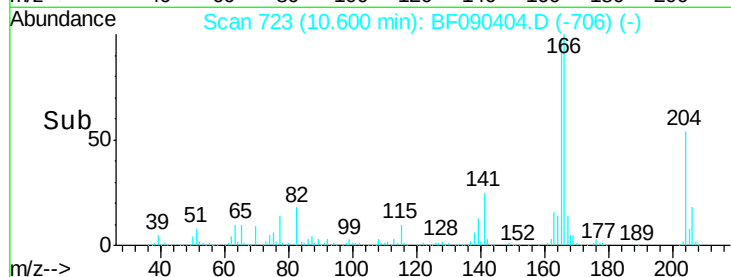
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.85 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion:232 Resp: 258990

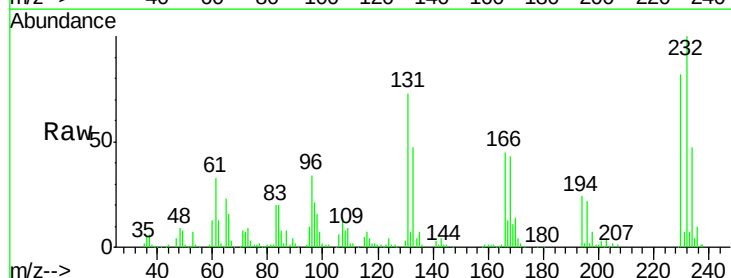
Ion Ratio Lower Upper

232 100

131 60.0 34.5 51.7#

130 2.8 1.6 2.4#

166 37.6 23.8 35.8#

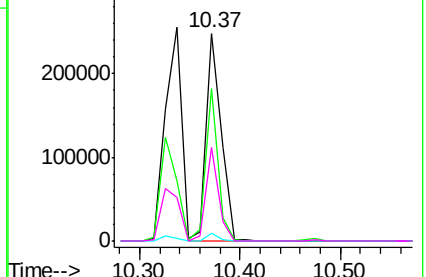
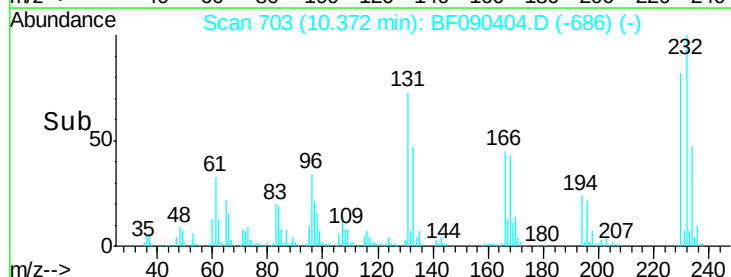


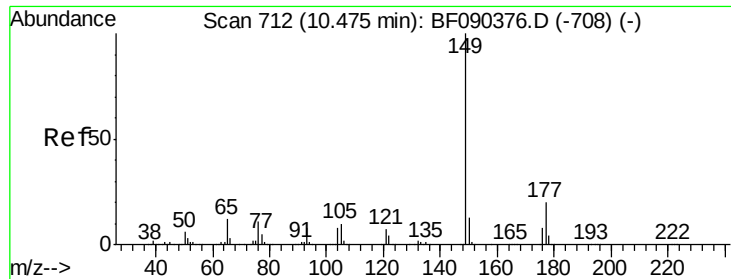
Abundance Ion 232.00 (231.70 to 232.70): E

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





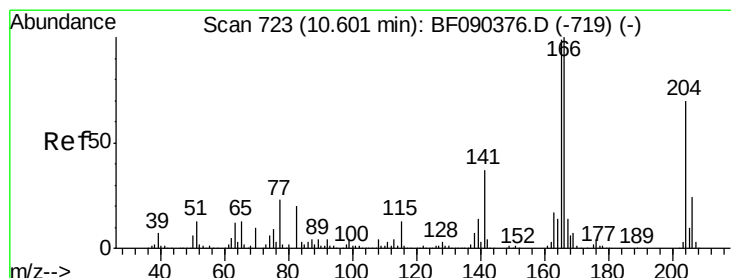
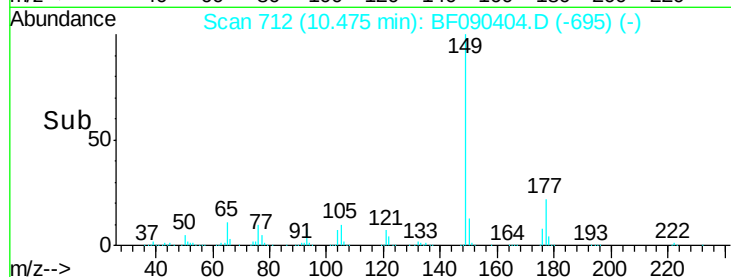
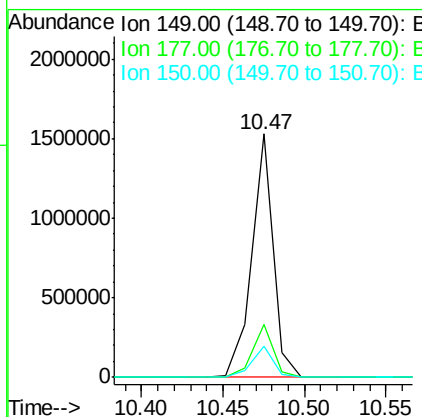
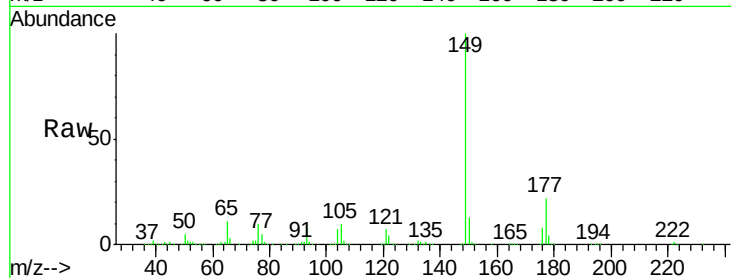
#59
Diethylphthalate
Concen: 39.45 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	21.1	31.7
150	13.0	10.2	15.2

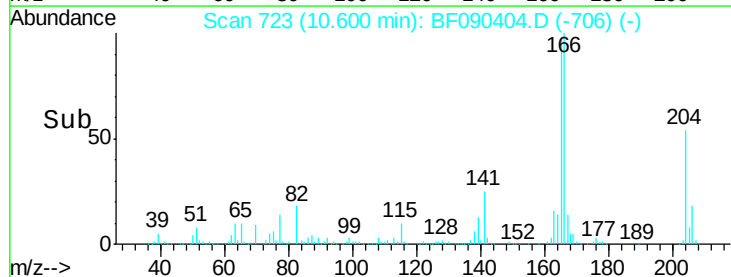
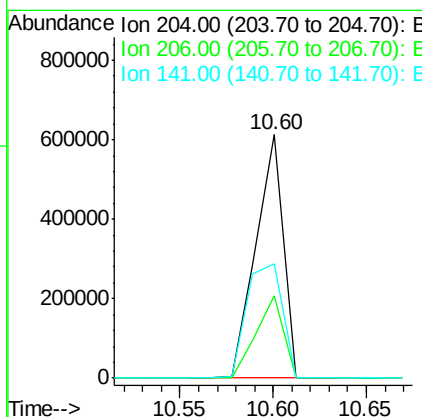
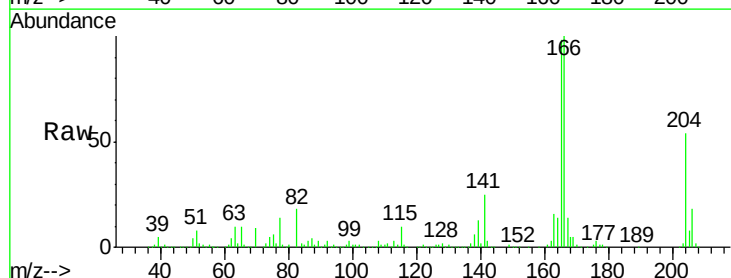
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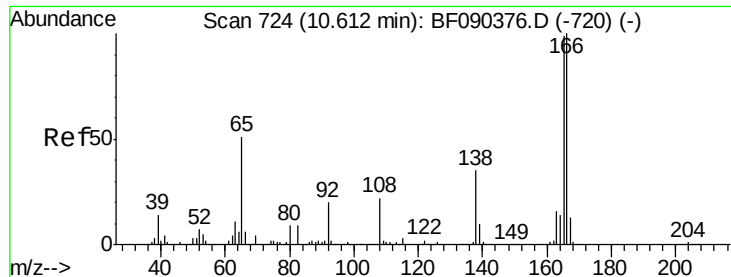
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#60
4-Chlorophenyl-phenylether
Concen: 41.80 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.7	40.1
141	47.0	51.7	77.5#





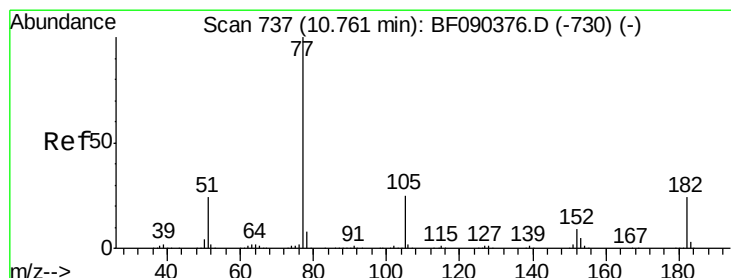
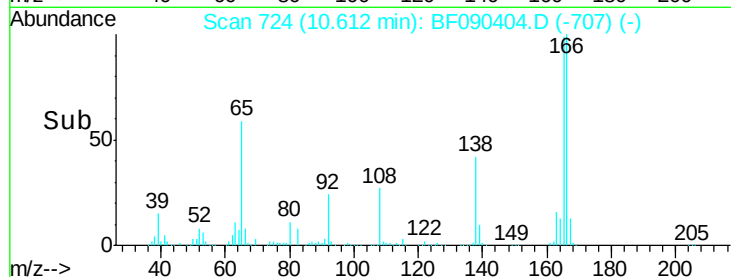
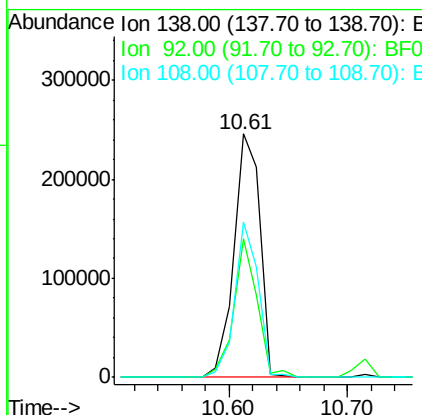
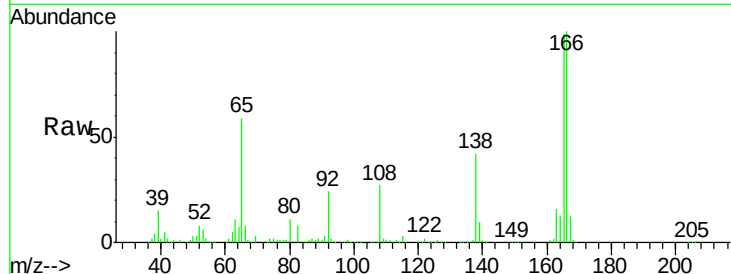
#61
4-Nitroaniline
Concen: 42.01 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	374503		
92	56.9	33.2	73.2	
108	64.0	48.5	88.5	

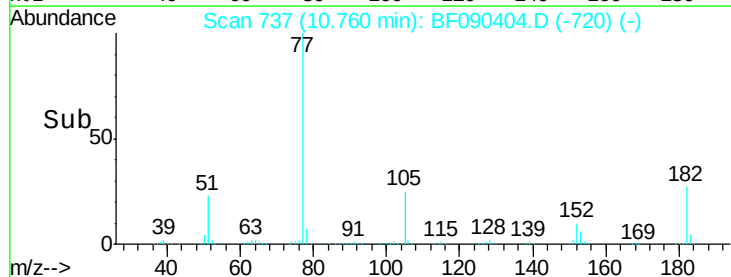
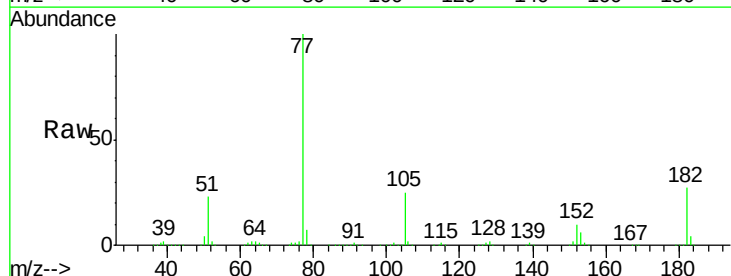
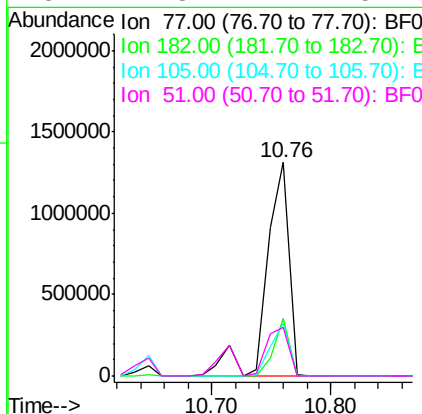
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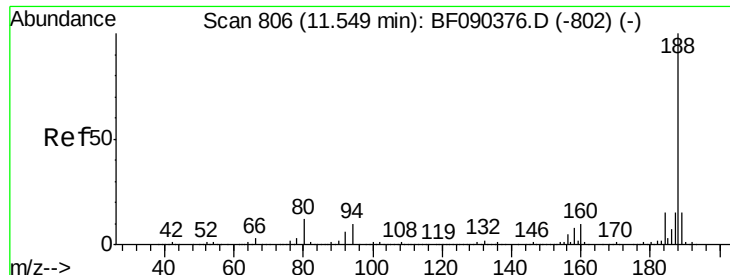
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#62
Azobenzene
Concen: 42.50 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1732353		
182	26.8	3.2	43.2	
105	24.8	2.9	42.9	
51	22.8	14.2	54.2	





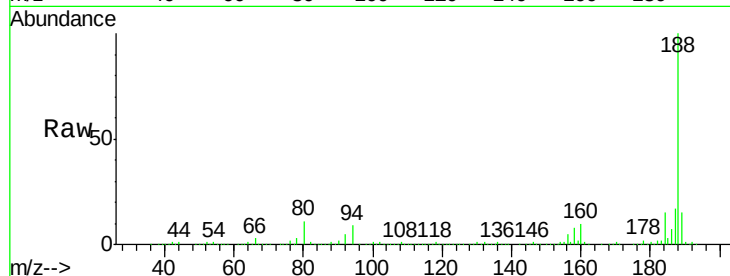
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

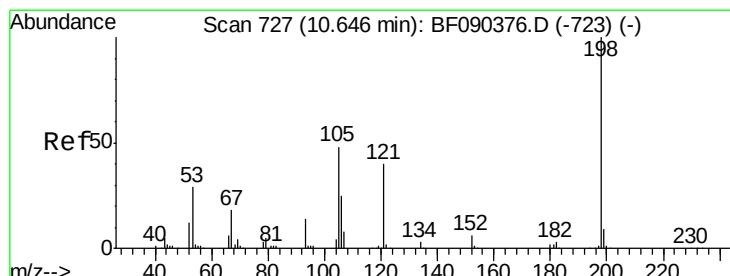
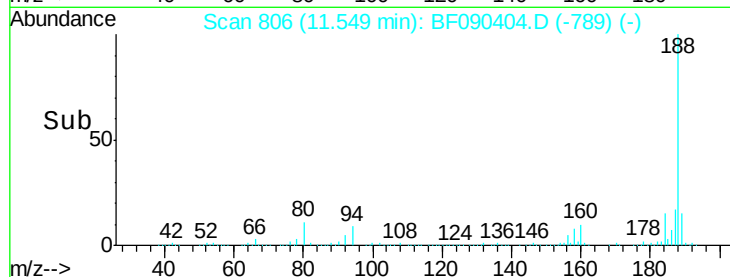
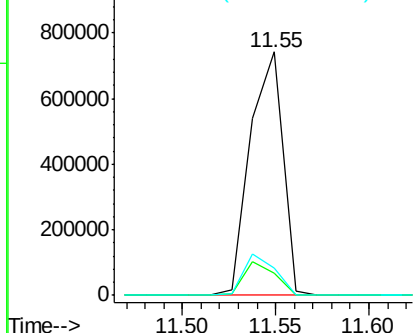
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	8.2	12.2
80	11.0	8.8	13.2

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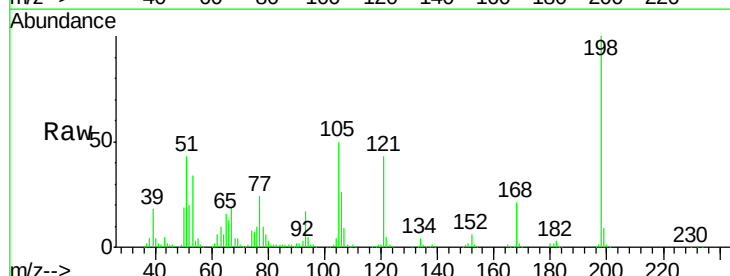


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

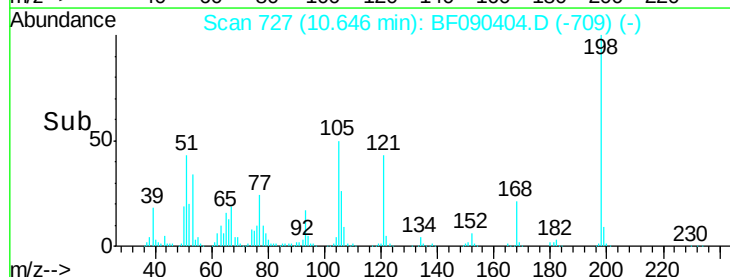
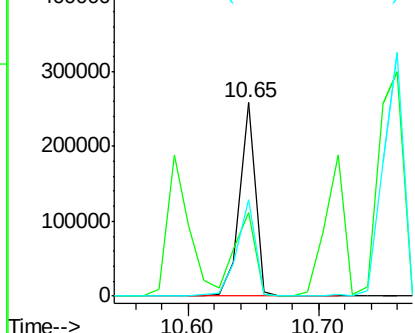


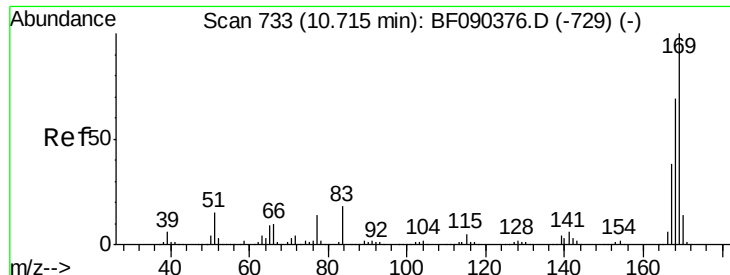
#64
4,6-Dinitro-2-methylphenol
Concen: 36.89 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.2	67.3	107.3#
105	50.1	42.6	82.6



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: 39.27 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1186079

Ion Ratio Lower Upper

169 100

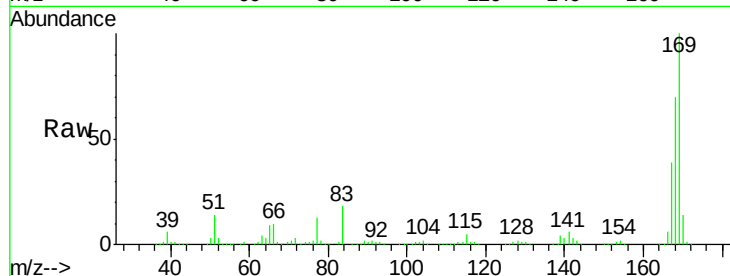
168 69.6 53.8 80.6

167 38.6 29.8 44.8

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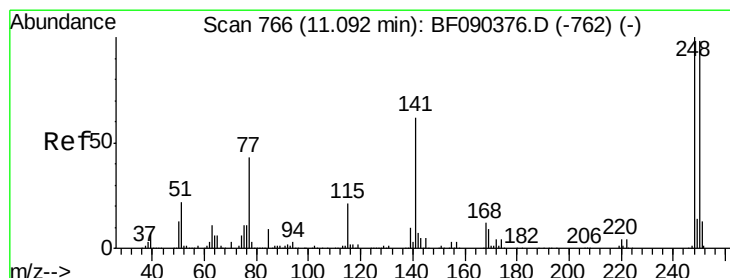
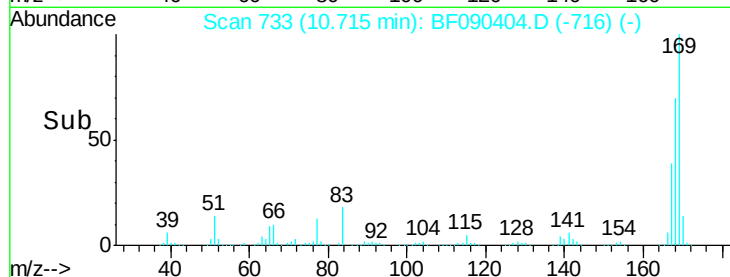
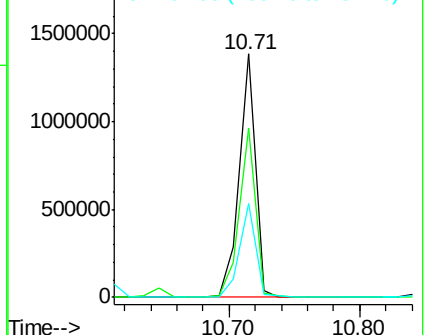
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.98 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

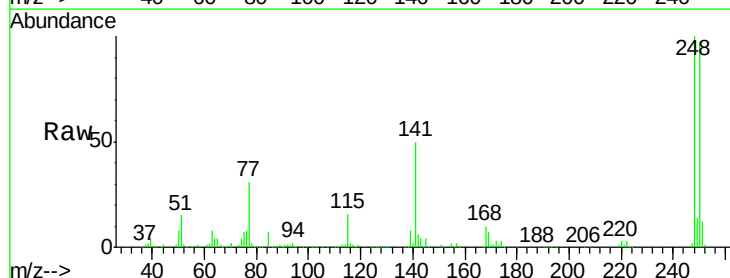
Tgt Ion:248 Resp: 353278

Ion Ratio Lower Upper

248 100

250 97.4 76.5 114.7

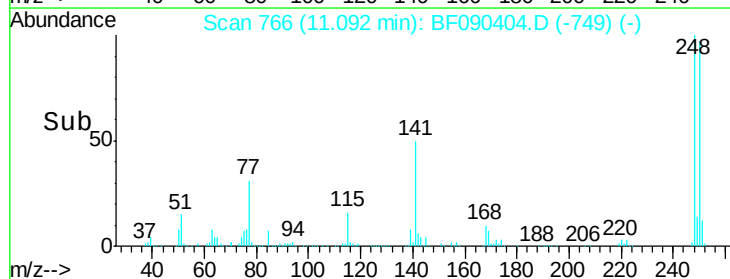
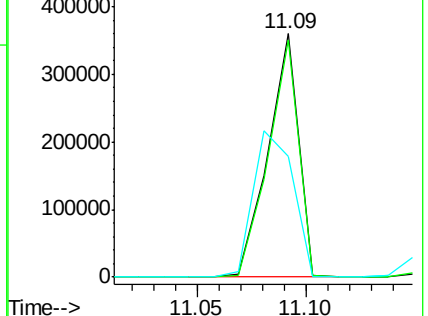
141 49.7 59.8 89.6#

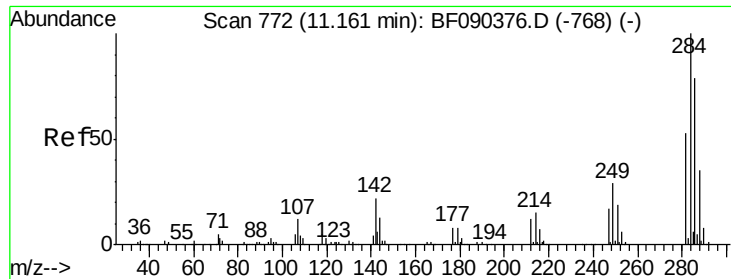


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.60 ng

RT: 11.16 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

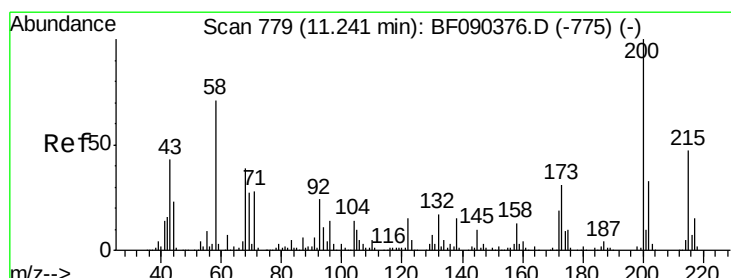
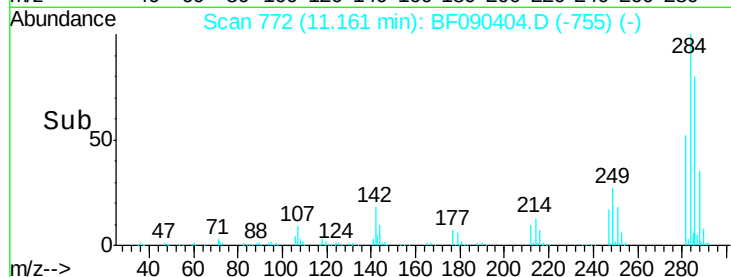
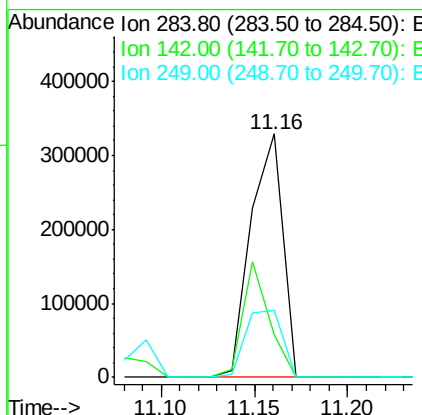
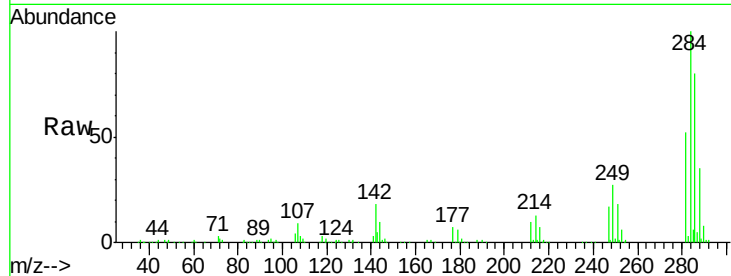
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	389661
Ion Ratio	Lower	Upper	
284	100		
142	17.6	23.1	34.7#
249	27.4	26.3	39.5

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#68

Atrazine

Concen: 43.17 ng

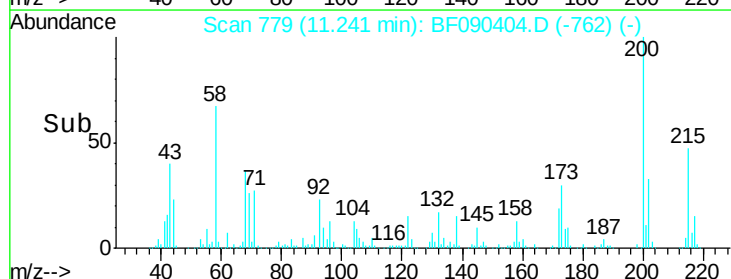
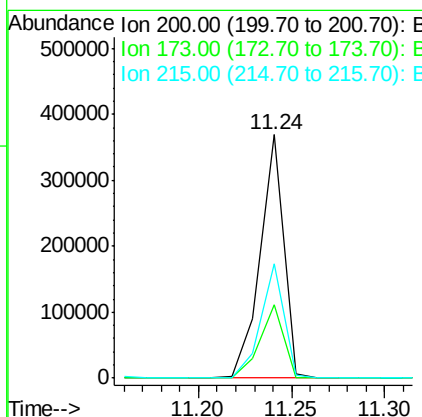
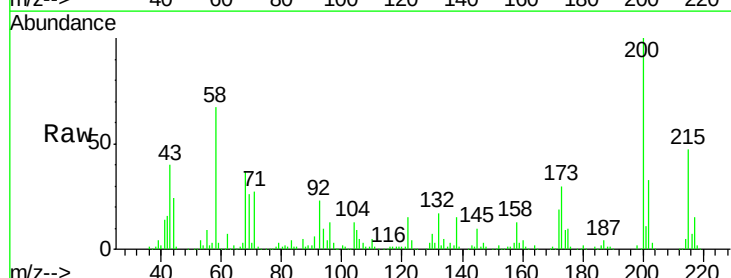
RT: 11.24 min Scan# 779

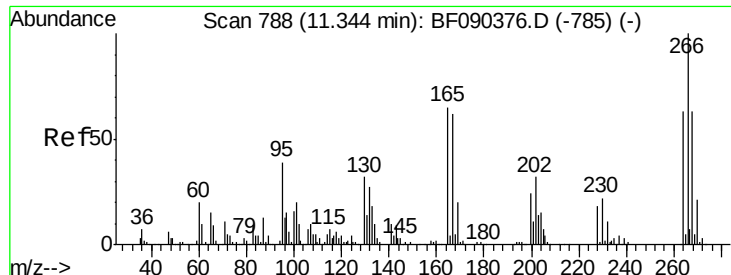
Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Tgt Ion:	200	Resp:	321552
Ion Ratio	Lower	Upper	
200	100		
173	30.1	9.0	49.0
215	46.9	24.8	64.8





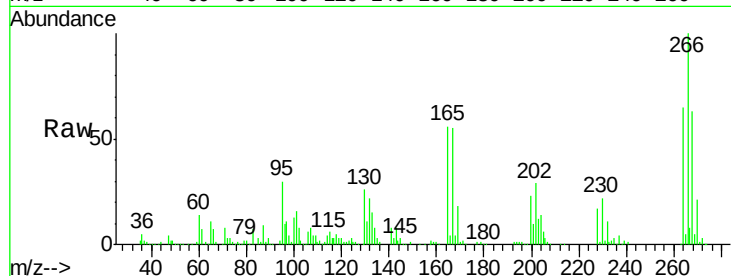
#69
 Pentachlorophenol
 Concen: 39.27 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

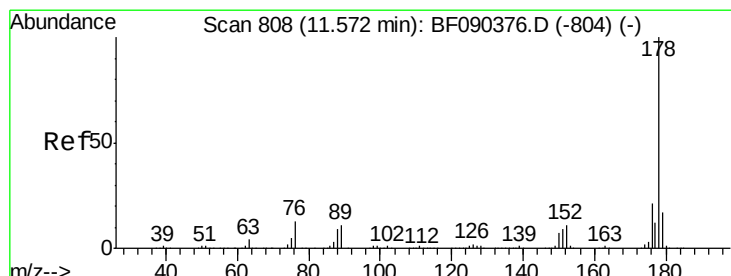
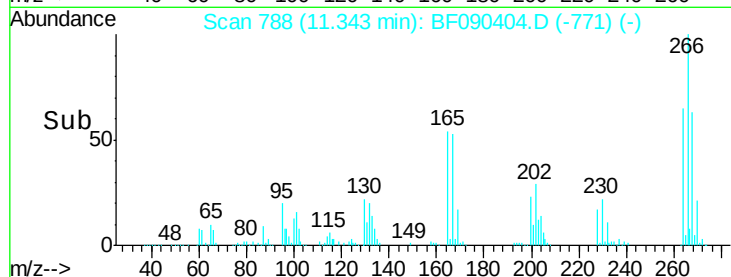
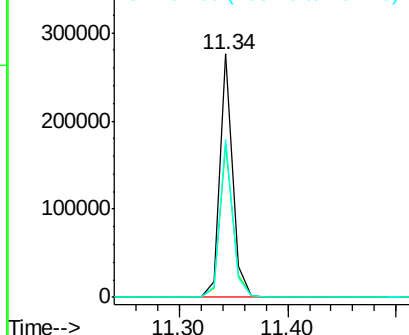
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.9	76.3
264	64.7	51.5	77.3

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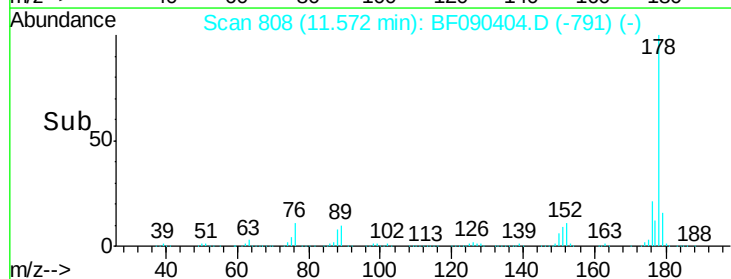
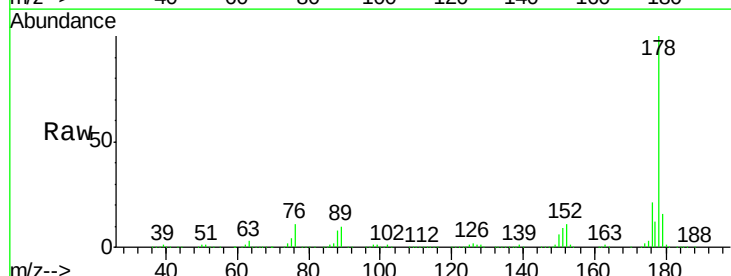
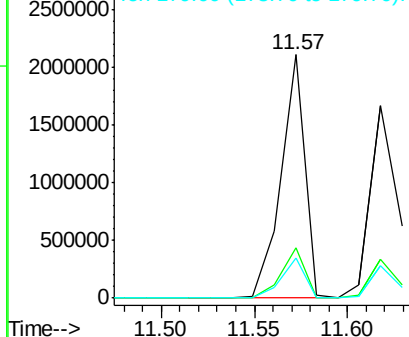
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

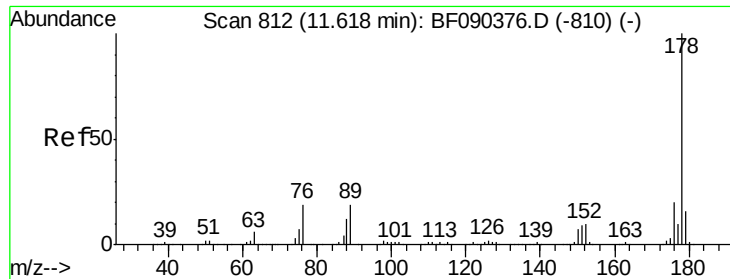


#70
 Phenanthrene
 Concen: 40.67 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.3	25.9
179	16.4	13.8	20.6

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





#71
 Anthracene
 Concen: 35.18 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

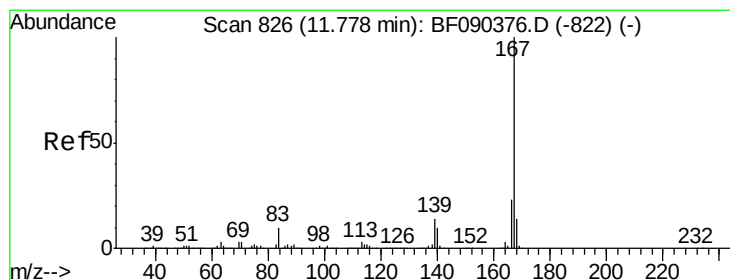
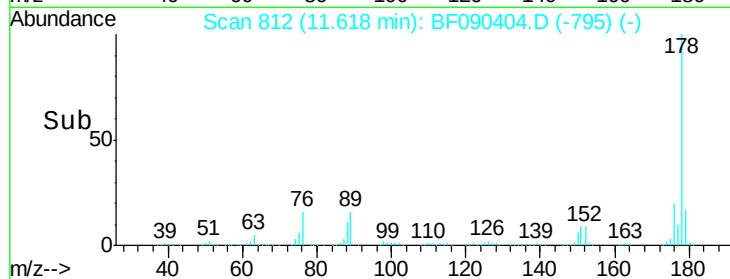
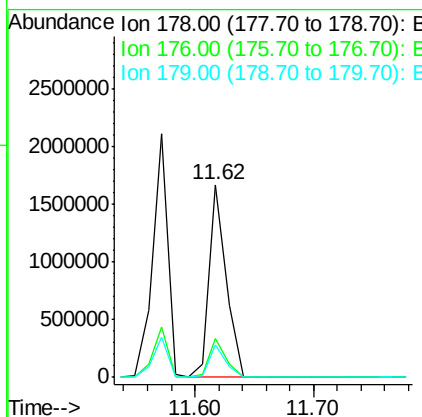
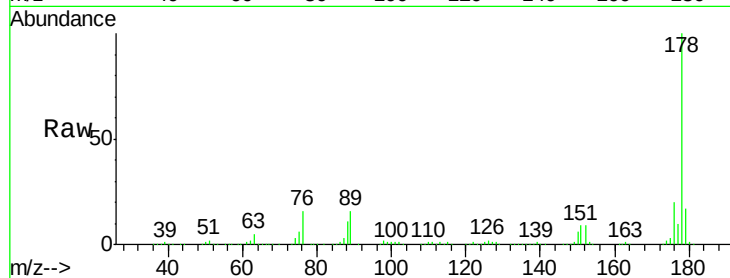
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1657997

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.6	13.4	20.2

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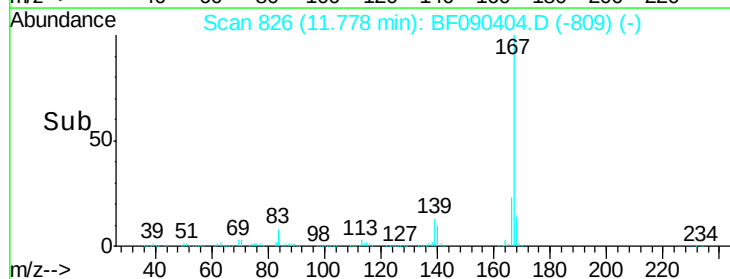
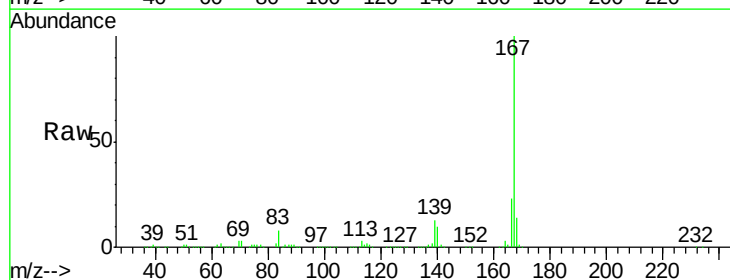
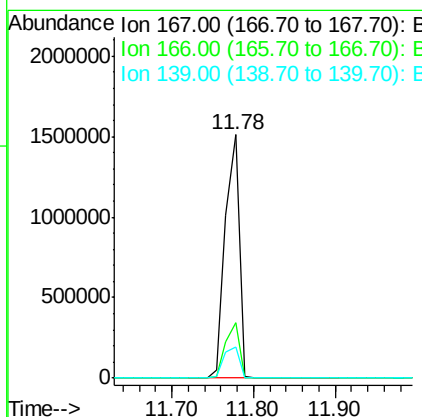
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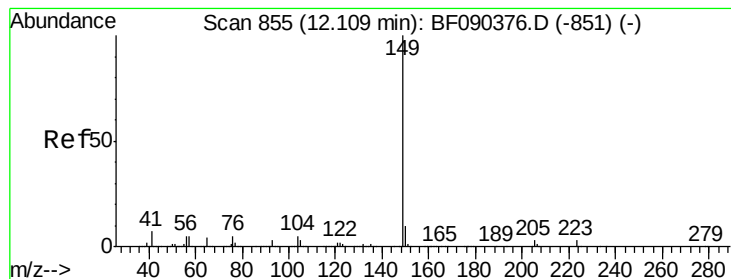


#72
 Carbazole
 Concen: 40.53 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion:167 Resp: 1774998

Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.1	28.7
139	13.0	12.1	18.1





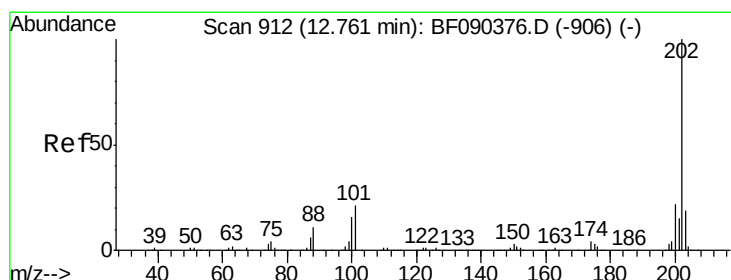
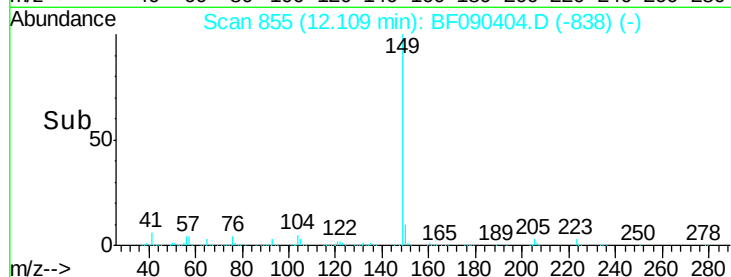
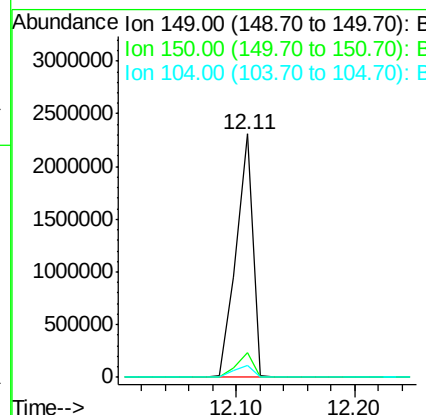
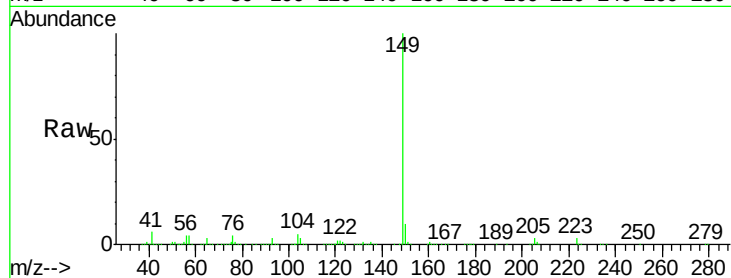
#73
Di-n-butylphthalate
Concen: 42.42 ng
RT: 12.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.6	12.8
104	4.7	4.7	7.1#

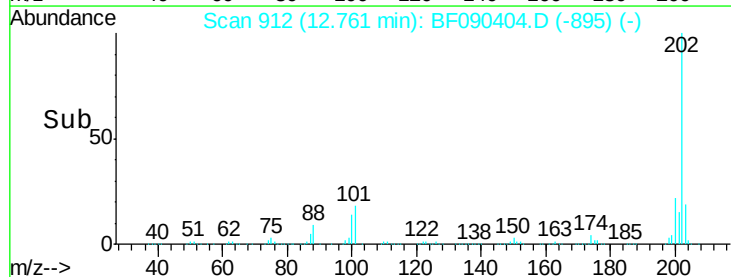
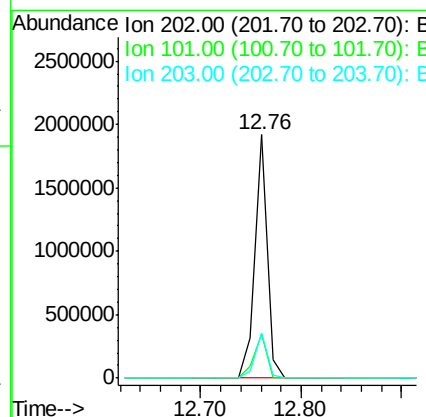
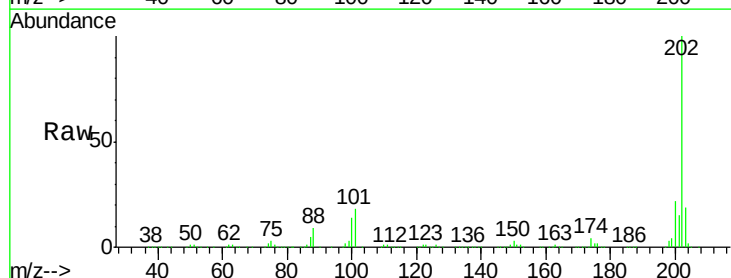
Manual Integrations
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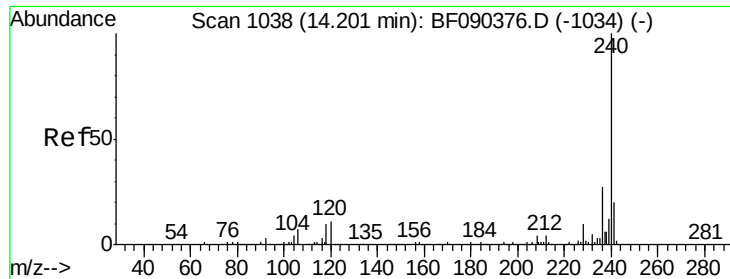
SOHIL
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#74
Fluoranthene
Concen: 36.40 ng
RT: 12.76 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	0.0	37.2
203	18.6	0.0	39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

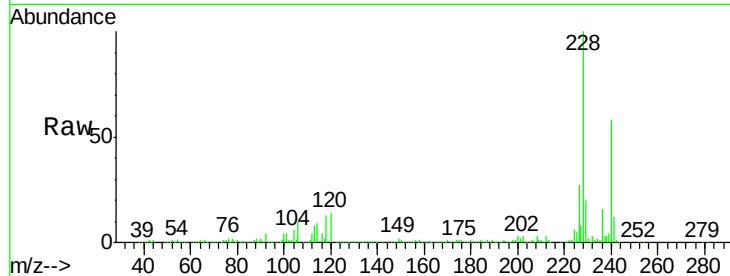
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	24.0	8.6	13.0#
236	27.1	21.6	32.4

Manual Integrations
APPROVED

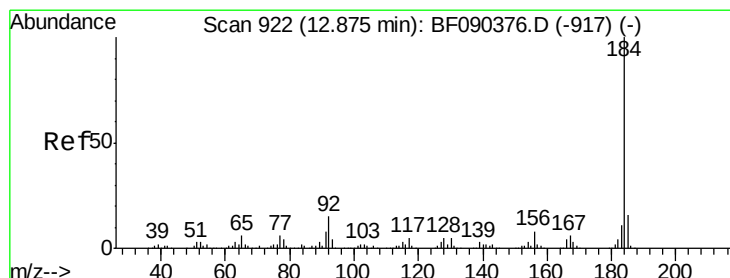
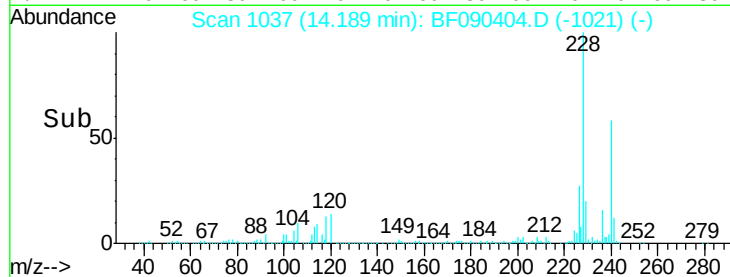
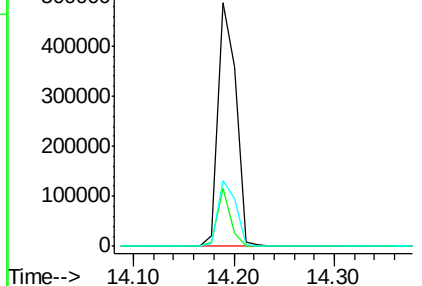
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.53 ng

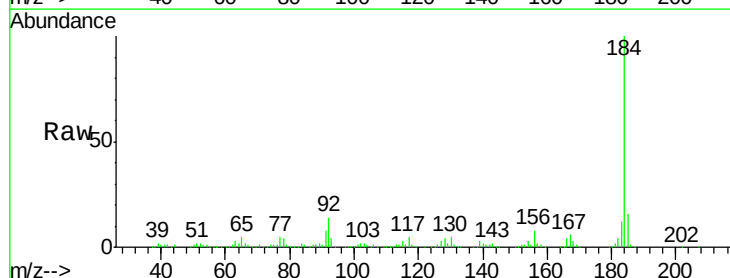
RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

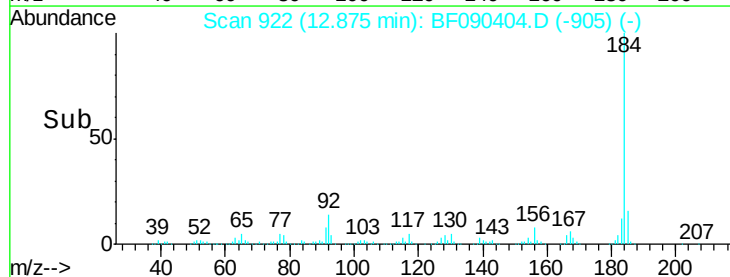
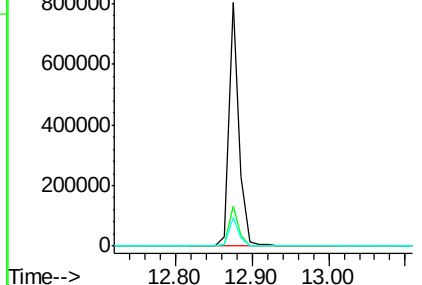
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.8	17.8
183	12.0	9.6	14.4

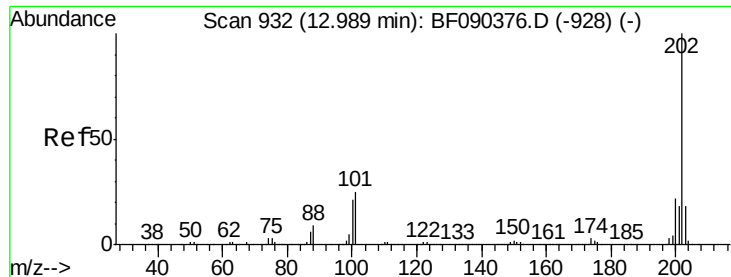


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





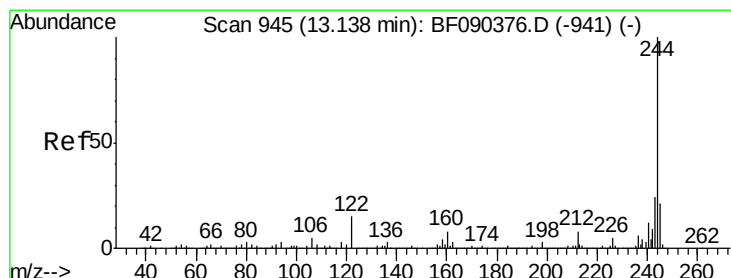
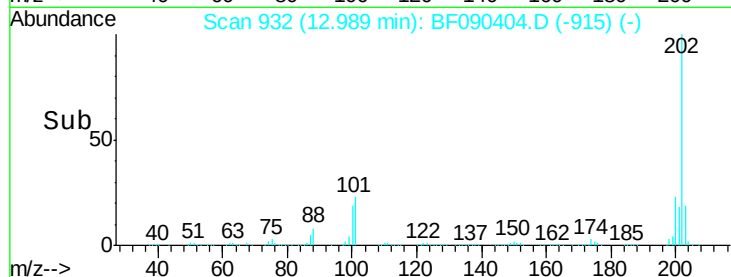
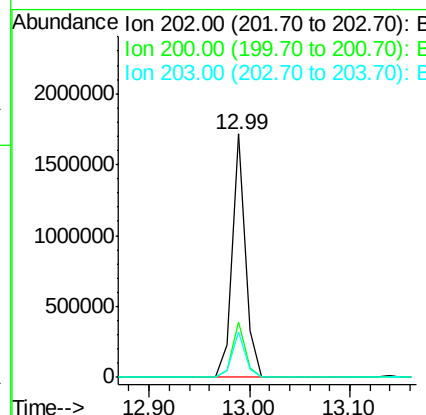
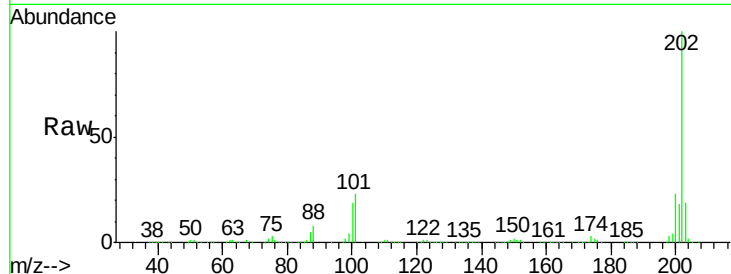
#77
Pvrene
Concen: 38.85 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.5	27.7
203	18.7	15.0	22.6

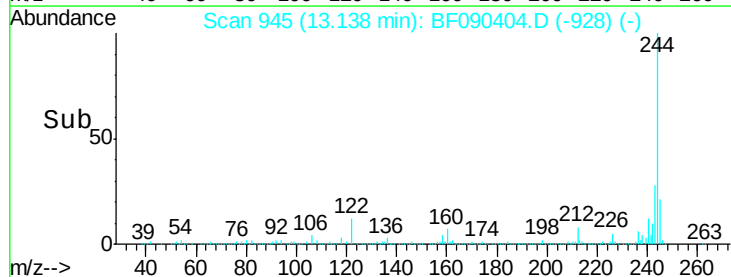
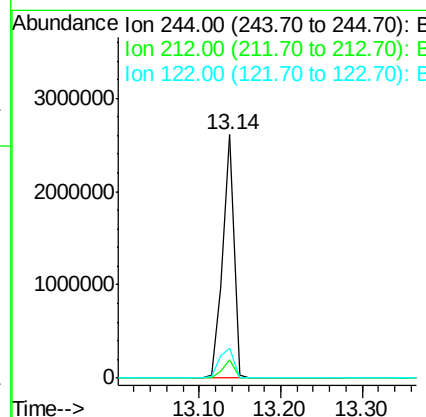
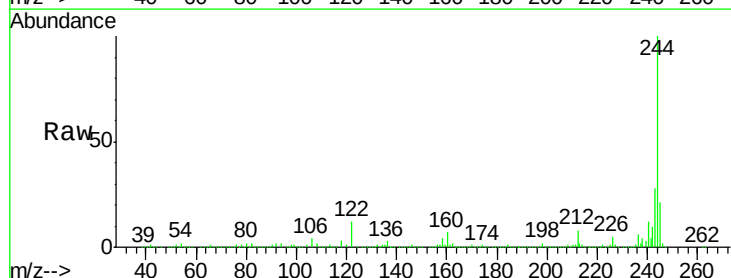
Manual Integrations
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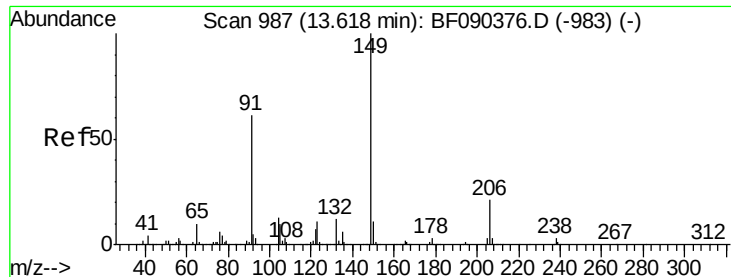
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#78
Terphenyl-d14
Concen: 92.70 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	12.2	13.3	19.9#





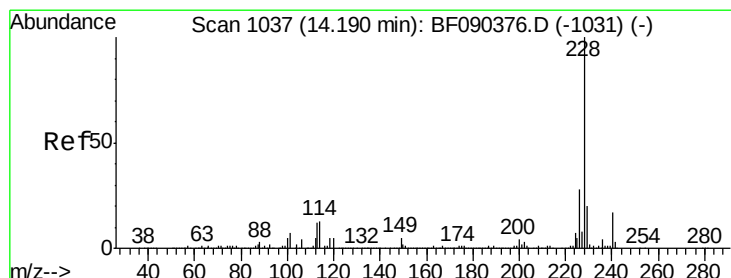
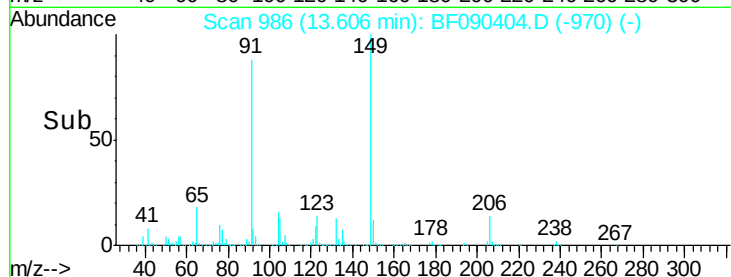
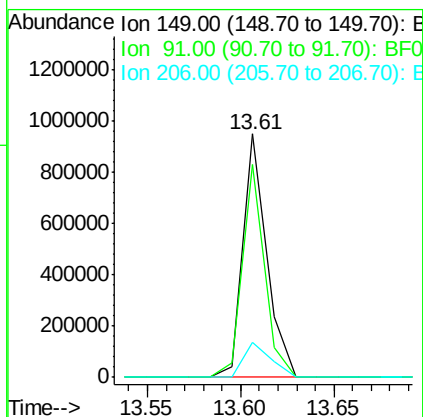
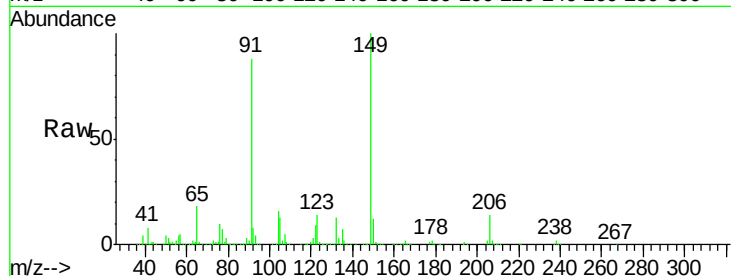
#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.7	51.8	77.8#
206	14.5	18.0	27.0#

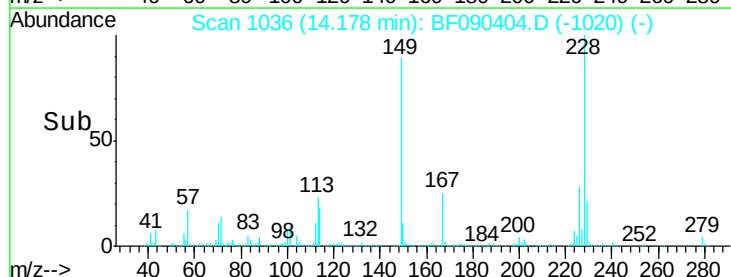
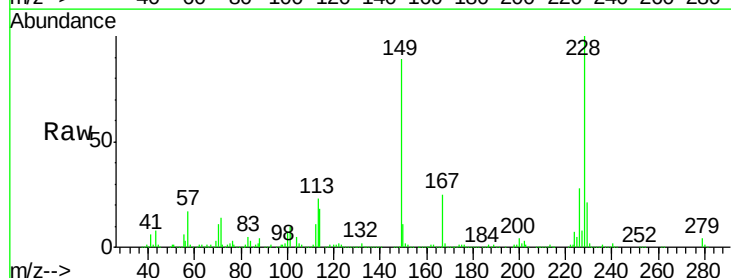
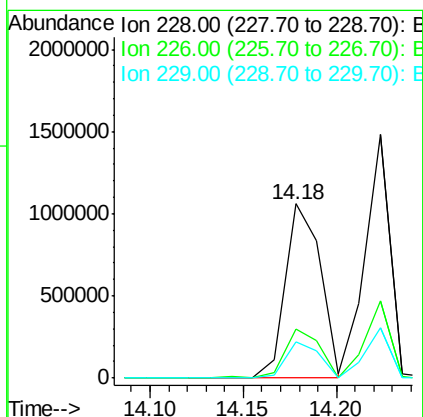
Manual Integrations
APPROVED

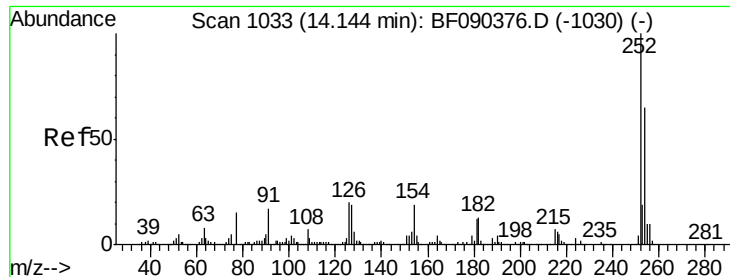
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#80
Benzo(a)anthracene
Concen: 41.06 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	21.0	16.6	25.0





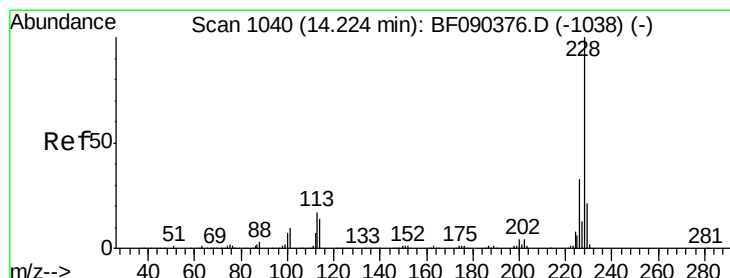
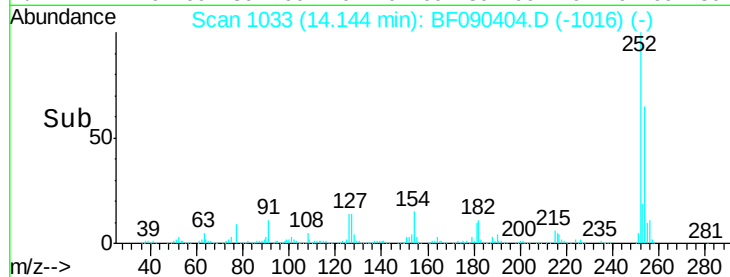
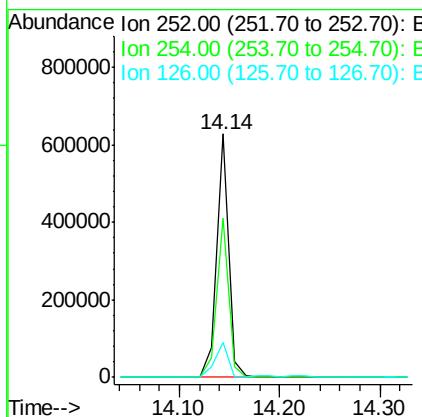
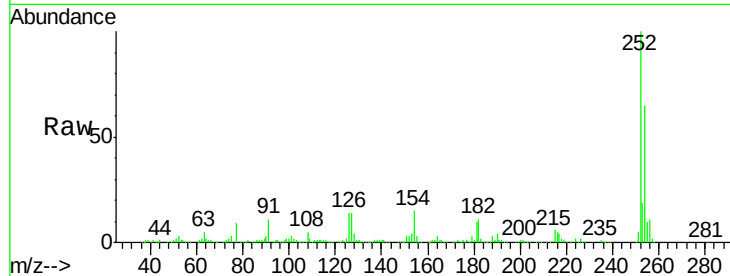
#81
 3,3'-Dichlorobenzidine
 Concen: 42.11 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	14.3	4.2	6.4

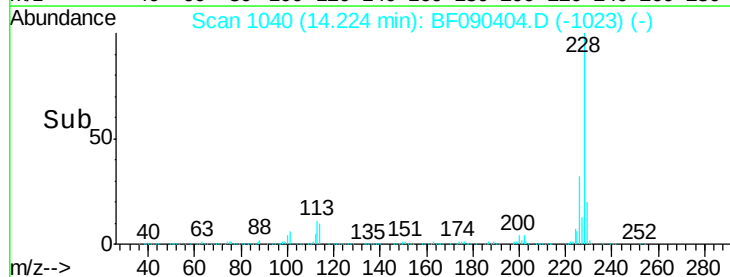
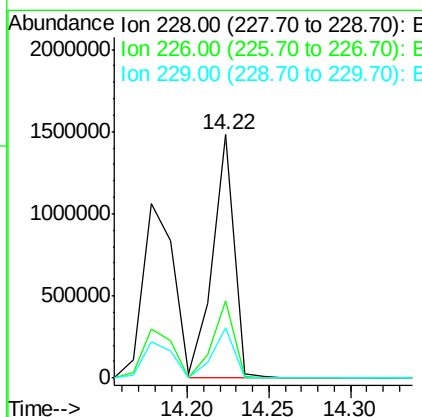
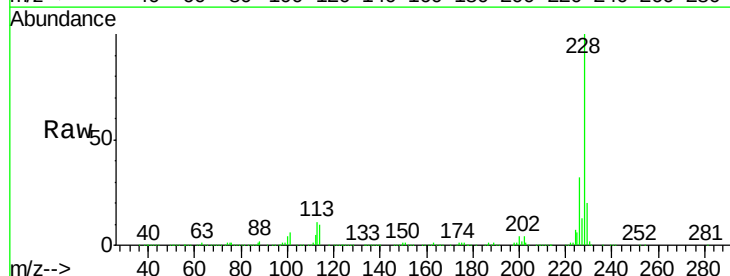
Manual Integrations
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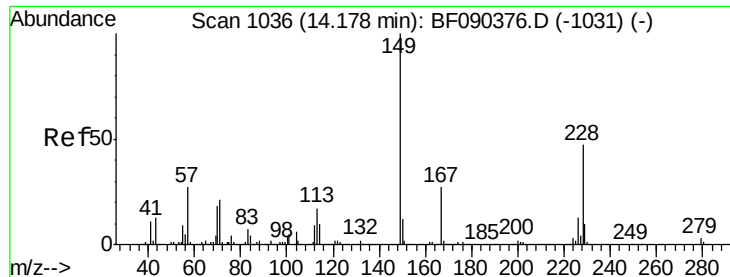
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#82
 Chrysene
 Concen: 43.22 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.5	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.85 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1231435

Ion Ratio Lower Upper

149 100

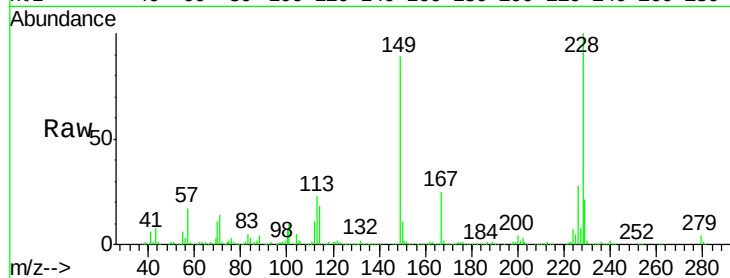
167 28.5 21.5 32.3

279 4.6 2.6 3.8#

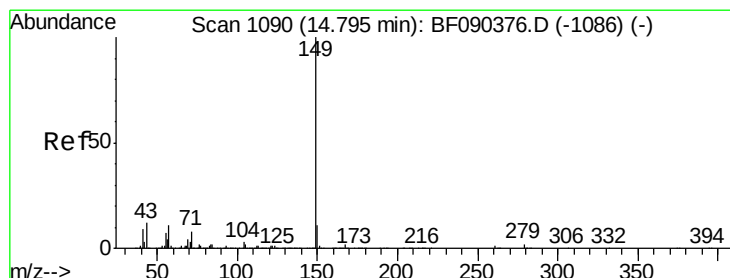
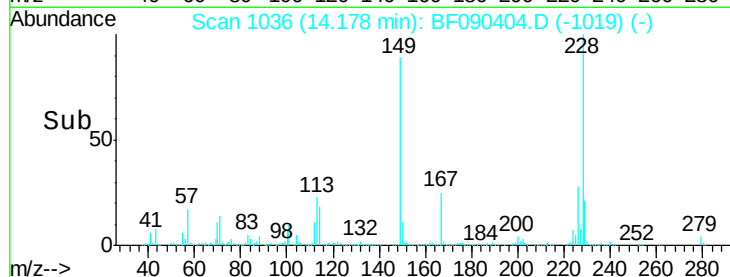
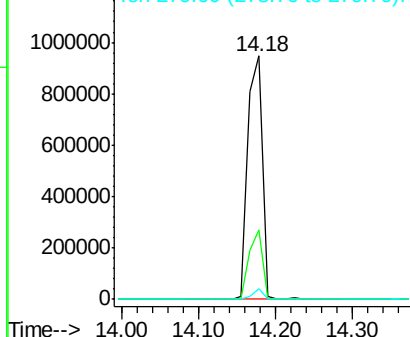
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.49 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090404.D

Acq: 6 Oct 2016 2:29

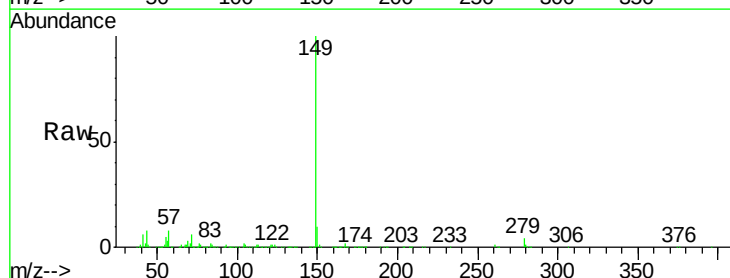
Tgt Ion:149 Resp: 1853411

Ion Ratio Lower Upper

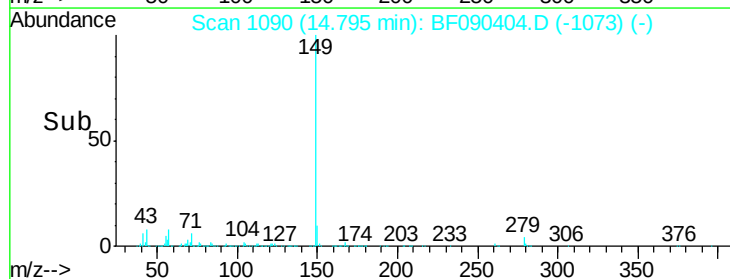
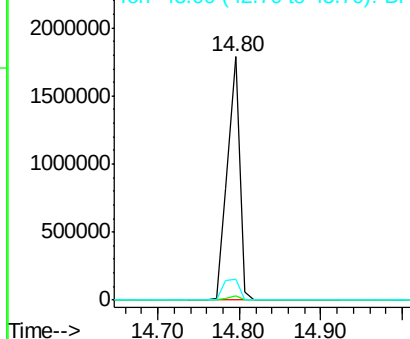
149 100

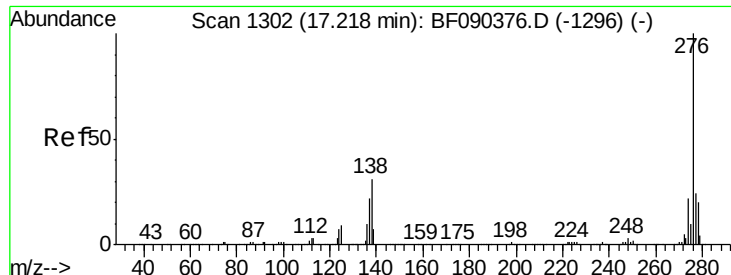
167 1.5 1.3 1.9

43 11.5 11.8 17.8#



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





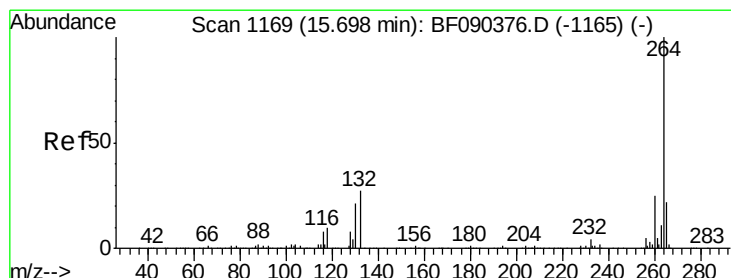
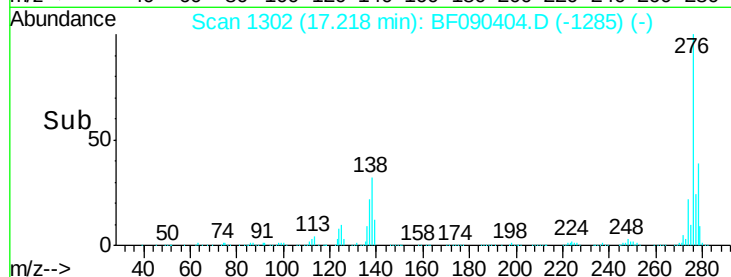
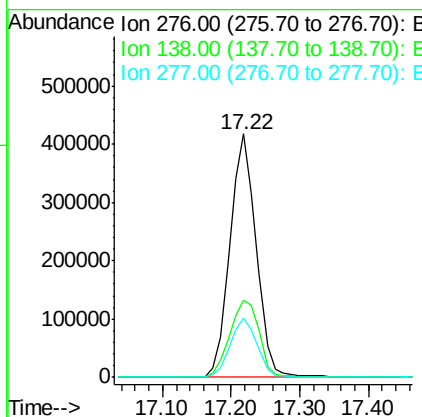
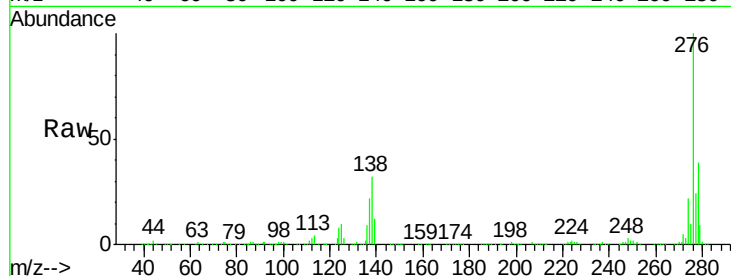
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.09 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	23.8	35.8
277	25.0	20.4	30.6

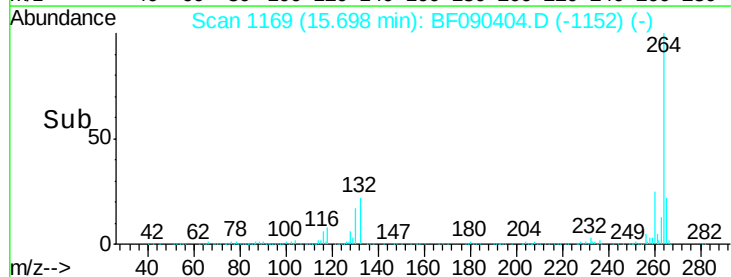
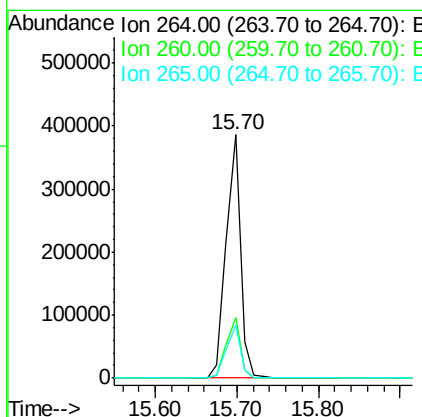
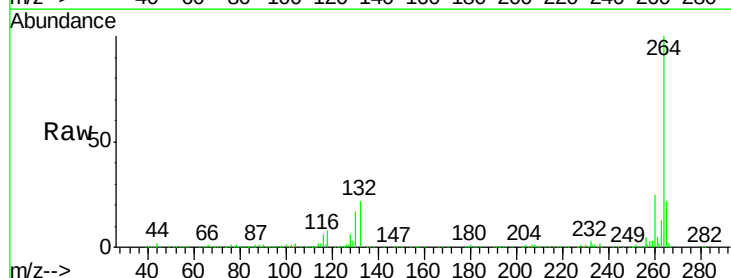
Manual Integrations
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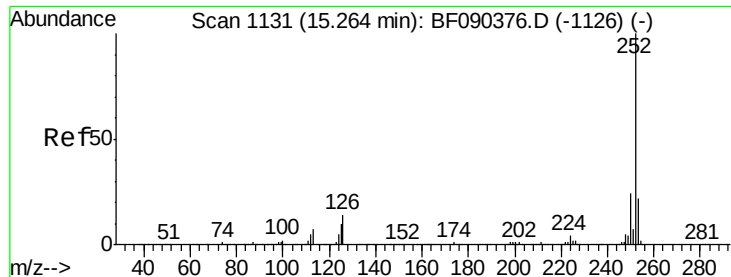
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.5	17.4	26.0





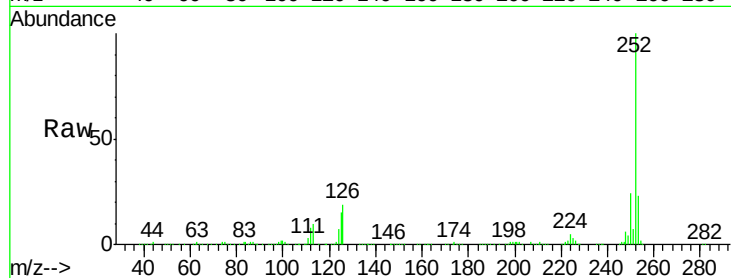
#87
Benzo(b)fluoranthene
Concen: 34.33 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

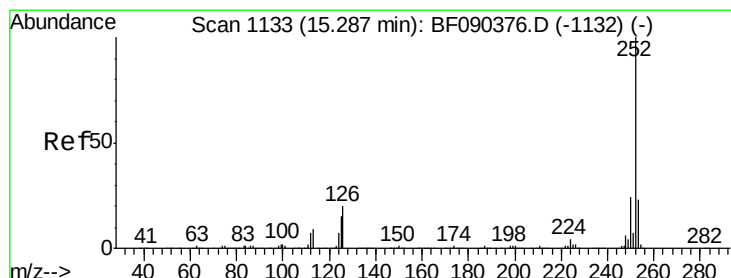
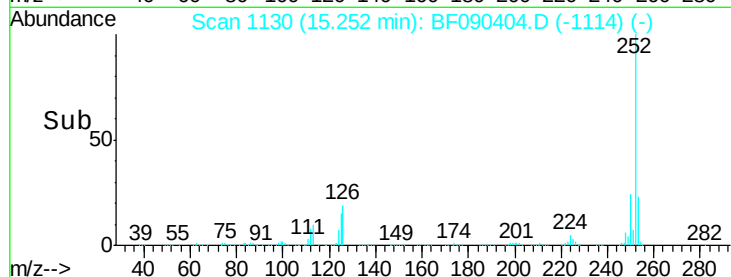
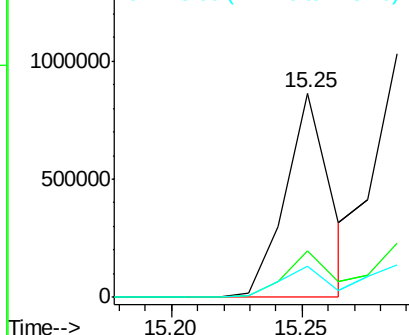
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	14.9	7.0	10.4

Manual Integrations
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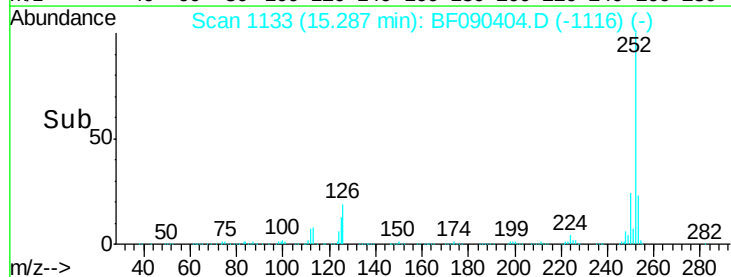
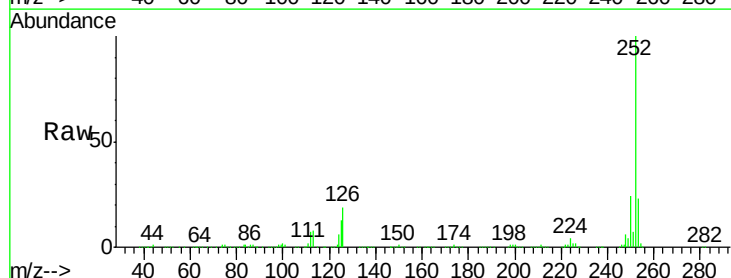
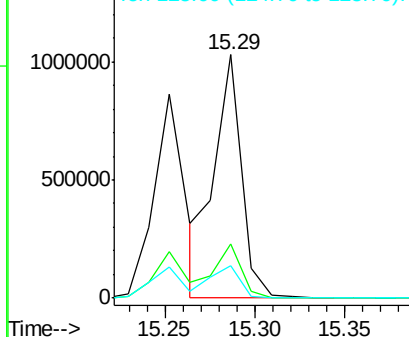
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

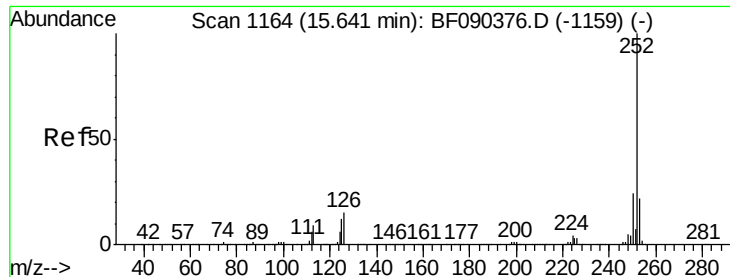


#88
Benzo(k)fluoranthene
Concen: 38.92 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	13.4	11.7	17.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





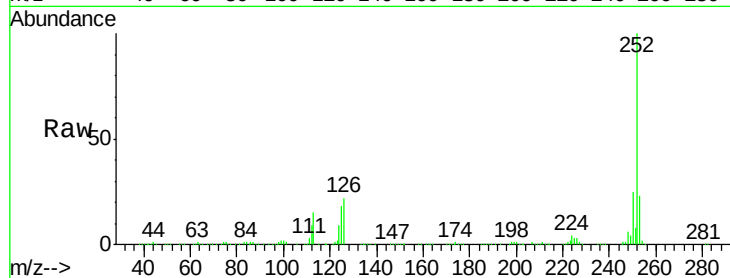
#89
Benzo(a)pyrene
Concen: 38.11 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

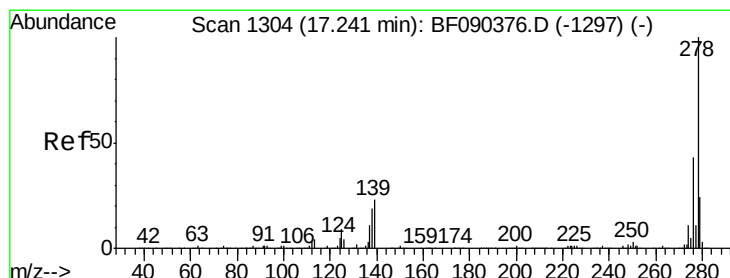
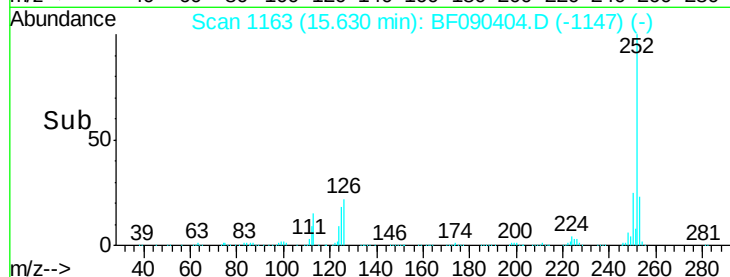
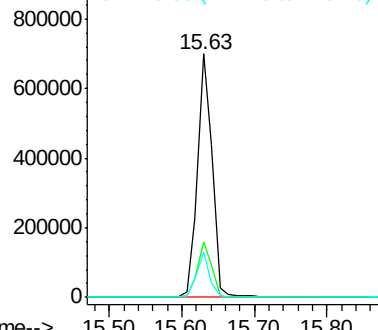
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	18.4	9.8	14.8

Manual Integrations
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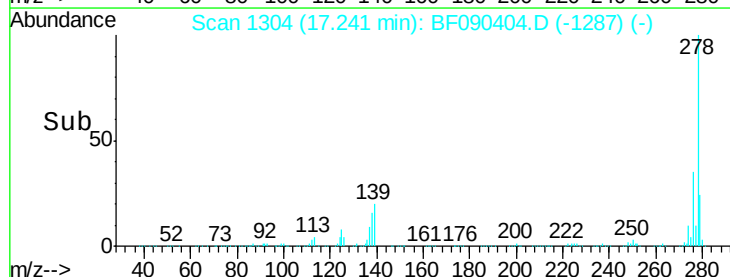
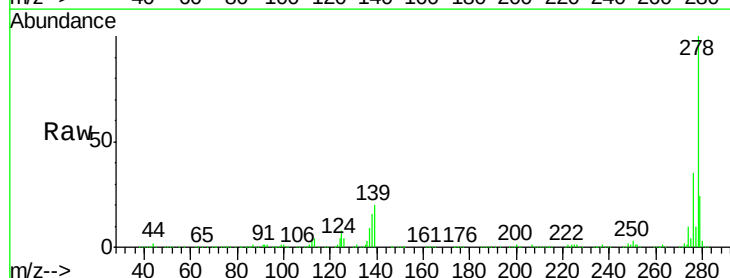
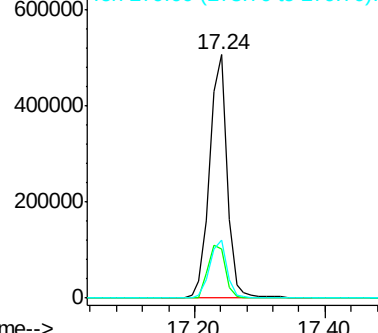
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

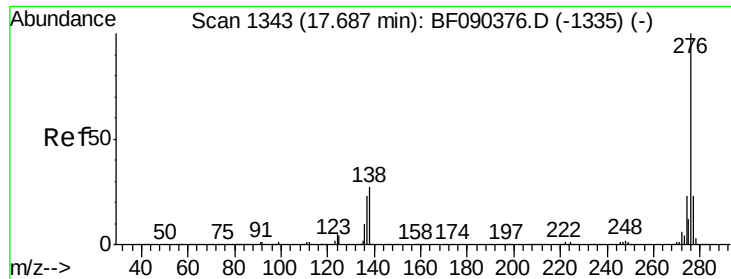


#90
Dibenzo(a,h)anthracene
Concen: 42.55 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090404.D
Acq: 6 Oct 2016 2:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	12.8	19.2
279	23.6	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.36 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090404.D
 Acq: 6 Oct 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	19.4	29.0
138	31.2	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:46 PM

