

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090380.D
 Acq On : 5 Oct 2016 14:41
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:24 PM

Quant Time: Oct 05 15:20:58 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	245426	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1030356	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	507956	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	843833	20.00	ng	0.00
75) Chrysene-d12	14.20	240	670285	20.00	ng	0.00
86) Perylene-d12	15.70	264	438854	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1321775	80.38	ng	0.00
7) Phenol-d6	6.62	99	1760476	81.74	ng	0.00
23) Nitrobenzene-d5	7.57	82	1767738	83.45	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	363883	88.10	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2715088	89.06	ng	0.00
78) Terphenyl-d14	13.14	244	2327401	78.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	330396	40.76	ng	# 94
3) Pyridine	3.49	79	950043	42.03	ng	86
4) n-Nitrosodimethylamine	3.43	42	389164	41.72	ng	# 66
6) Aniline	6.67	93	1259663	42.34	ng	97
8) 2-Chlorophenol	6.78	128	720917	39.84	ng	86
9) Benzaldehyde	6.54	77	441645	40.57	ng	88
10) Phenol	6.63	94	1006505	40.19	ng	97
11) bis(2-Chloroethyl)ether	6.74	93	807855	42.14	ng	93
12) 1,3-Dichlorobenzene	6.94	146	719291	39.87	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	799714	43.65	ng	98
14) 1,2-Dichlorobenzene	7.18	146	687286	38.93	ng	94
15) Benzyl Alcohol	7.14	79	672537	41.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1366757	42.03	ng	93
17) 2-Methylphenol	7.25	107	597303	40.13	ng	99
18) Hexachloroethane	7.53	117	302749	41.91	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	682221	43.20	ng	# 82
20) 3+4-Methylphenols	7.41	107	836203	43.41	ng	# 71
22) Acetophenone	7.41	105	960572	39.36	ng	# 97
24) Nitrobenzene	7.58	77	838632	39.88	ng	93
25) Isophorone	7.83	82	1624298	41.94	ng	98
26) 2-Nitrophenol	7.90	139	350751	38.75	ng	# 70
27) 2,4-Dimethylphenol	7.94	122	660034	37.50	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	1032277	45.07	ng	98
29) 2,4-Dichlorophenol	8.14	162	526002	39.31	ng	# 86
30) 1,2,4-Trichlorobenzene	8.23	180	589543	42.74	ng	99
31) Naphthalene	8.31	128	1882614	37.87	ng	99
32) Benzoic acid	8.06	122	549391	44.90	ng	98
33) 4-Chloroaniline	8.36	127	886964	43.17	ng	97
34) Hexachlorobutadiene	8.44	225	329087	42.71	ng	99
35) Caprolactam	8.74	113	186388	41.42	ng	93
36) 4-Chloro-3-methylphenol	8.84	107	700821	41.82	ng	99
37) 2-Methylnaphthalene	9.01	142	1329888	44.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	533852	39.86	ng	97
40) Hexachlorocyclopentadiene	9.17	237	322532	43.94	ng	96

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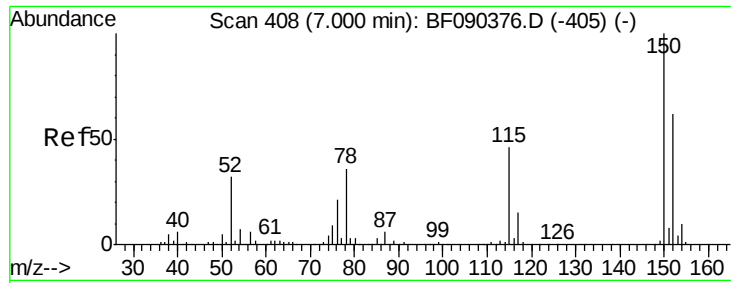
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	422800	45.75	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	337209	38.59	nq	94
45) 1,1'-Biphenyl	9.48	154	1609910	42.77	nq	95
46) 2-Chloronaphthalene	9.50	162	1277610	45.94	nq	96
47) 2-Nitroaniline	9.59	65	491655	44.80	nq	87
48) Acenaphthylene	9.91	152	1777522	38.74	nq	99
49) Dimethylphthalate	9.78	163	1427032	43.87	nq	99
50) 2,6-Dinitrotoluene	9.83	165	319910	44.29	nq	90
51) Acenaphthene	10.09	154	1158888	40.50	nq	98
52) 3-Nitroaniline	10.01	138	404655m	47.96	nq	
53) 2,4-Dinitrophenol	10.11	184	145345	45.14	nq	# 86
54) Dibenzofuran	10.26	168	1460192	39.43	nq	# 90
55) 4-Nitrophenol	10.15	139	337705	45.75	nq	95
56) 2,4-Dinitrotoluene	10.23	165	378313	39.36	nq	# 29
57) Fluorene	10.60	166	1316314	42.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	252340m	38.67	nq	
59) Diethylphthalate	10.47	149	1366238	40.59	nq	93
60) 4-Chlorophenyl-phenylether	10.60	204	656767	46.41	nq	# 88
61) 4-Nitroaniline	10.61	138	379367	44.63	nq	94
62) Azobenzene	10.76	77	1741139	44.79	nq	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	215340	38.96	nq	# 74
65) n-Nitrosodiphenylamine	10.71	169	1133460	40.08	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	361616	43.72	nq	92
67) Hexachlorobenzene	11.16	284	408838	44.38	nq	95
68) Atrazine	11.24	200	280307	40.20	nq	98
69) Pentachlorophenol	11.34	266	214743	39.16	nq	98
70) Phenanthrene	11.57	178	1819922	42.12	nq	99
71) Anthracene	11.62	178	1716882	38.91	nq	98
72) Carbazole	11.78	167	1814147	44.25	nq	98
73) Di-n-butylphthalate	12.11	149	2226358	44.62	nq	98
74) Fluoranthene	12.76	202	1566274	36.96	nq	95
76) Benzidine	12.88	184	673994	38.24	nq	97
77) Pyrene	12.99	202	1685894	37.72	nq	99
79) Butylbenzylphthalate	13.62	149	890937	38.85	nq	92
80) Benzo(a)anthracene	14.19	228	1552404	41.28	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	502739	36.87	nq	# 95
82) Chrysene	14.22	228	1384338	40.00	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1386945	42.55	nq	98
84) Di-n-octyl phthalate	14.80	149	1991669	41.21	nq	94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1030794	41.77	nq	# 93
87) Benzo(b)fluoranthene	15.26	252	1212756	43.38	nq	99
88) Benzo(k)fluoranthene	15.29	252	975489m	37.15	nq	
89) Benzo(a)pyrene	15.64	252	994467	41.27	nq	99
90) Dibenzo(a,h)anthracene	17.24	278	859943	41.95	nq	# 93
91) Benzo(g,h,i)perylene	17.69	276	822417	41.81	nq	96

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



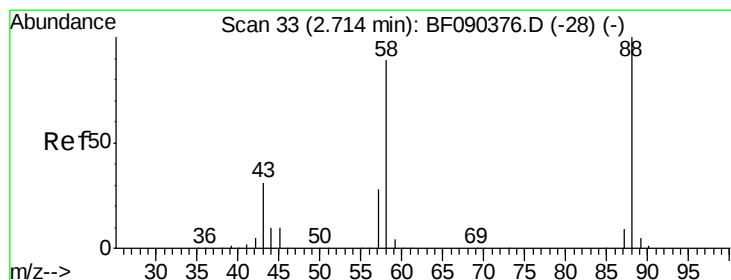
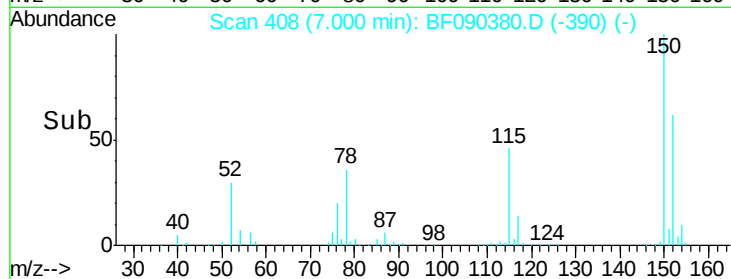
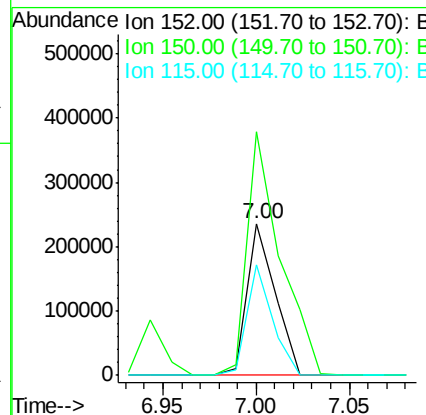
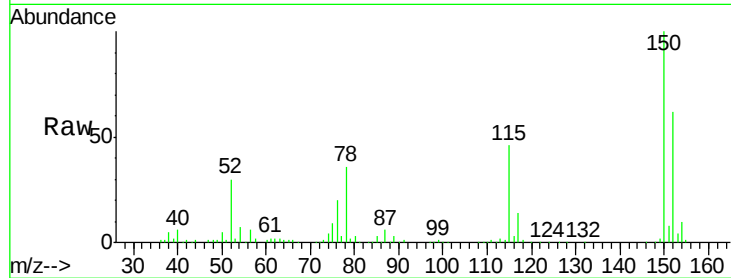
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	73.2	46.2	69.4

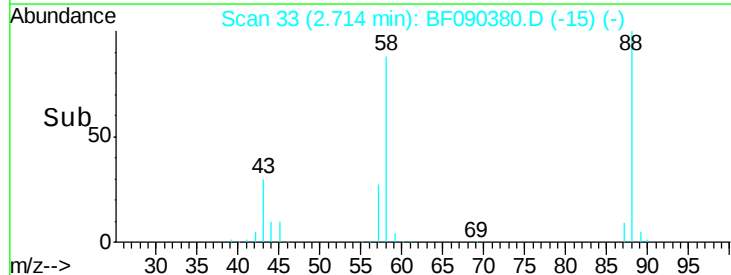
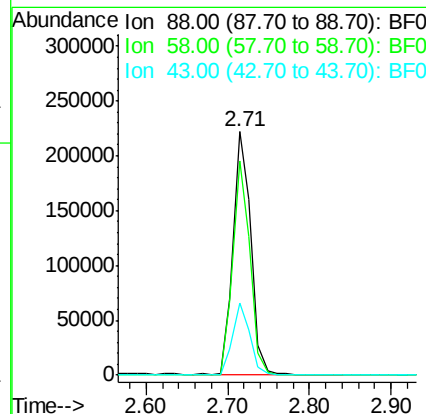
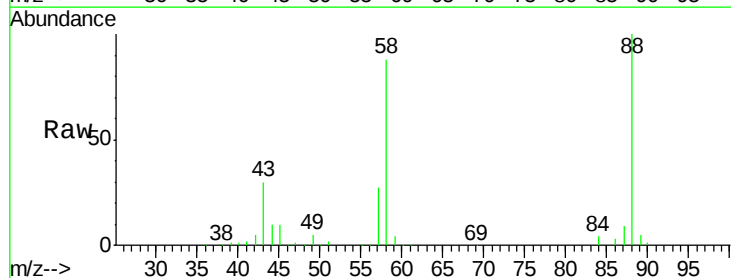
Manual Integrations
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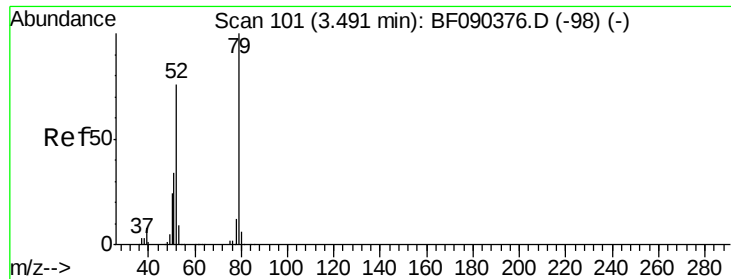
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#2
 1,4-Dioxane
 Concen: 40.76 ng
 RT: 2.71 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	71.2	106.8
43	29.1	29.8	44.6





#3

Pvridine

Concen: 42.03 ng

RT: 3.49 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

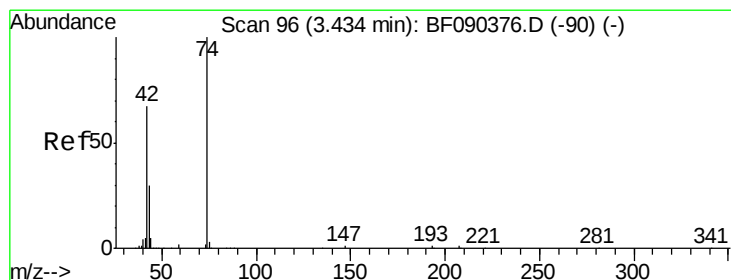
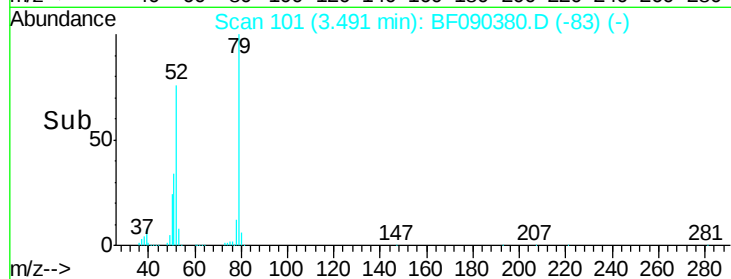
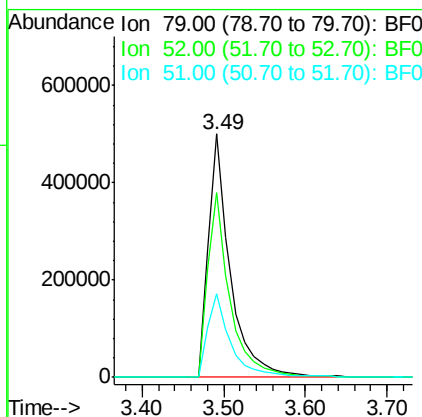
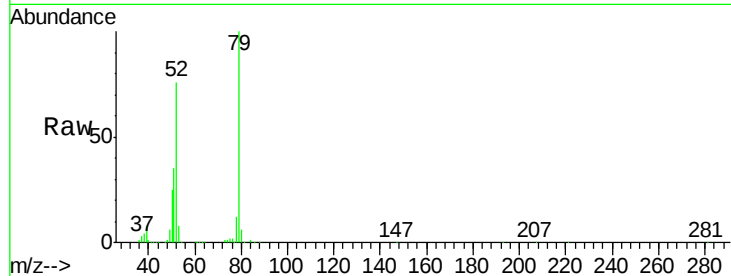
ClientSampleId :

ICVBF100516

Tot Ion:	79	Resp:	950043
Ion Ratio	Lower	Upper	
79	100		
52	75.8	71.3	106.9
51	34.6	34.5	51.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.72 ng

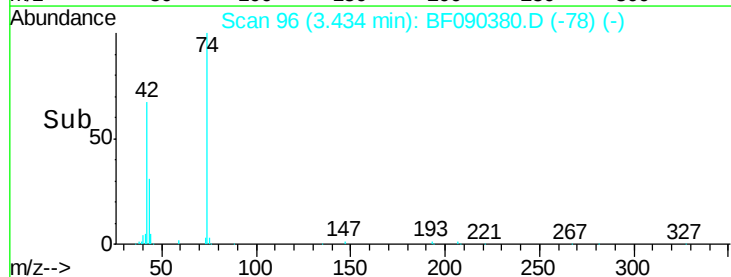
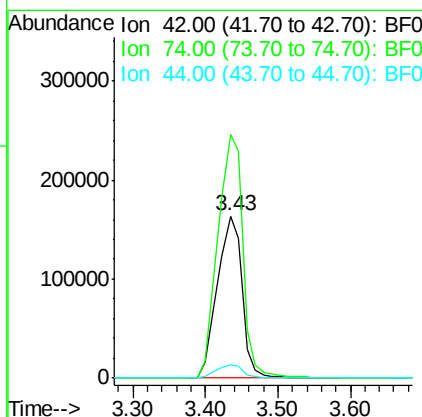
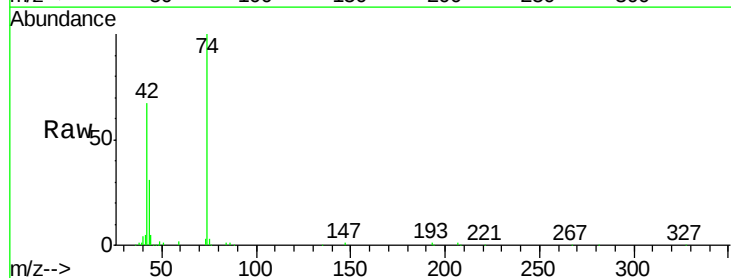
RT: 3.43 min Scan# 96

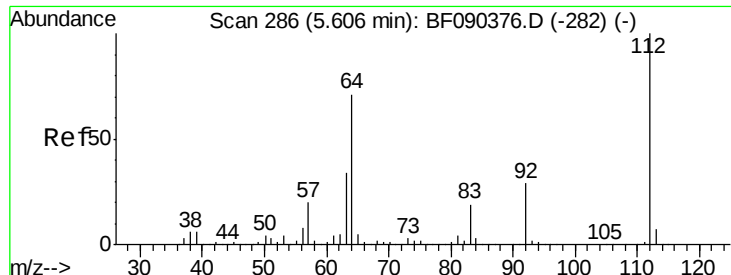
Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:	42	Resp:	389164
Ion Ratio	Lower	Upper	
42	100		
74	150.0	88.9	133.3#
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 80.38 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:112 Resp: 1321775

Ion Ratio Lower Upper

112 100

64 72.8 57.9 86.9

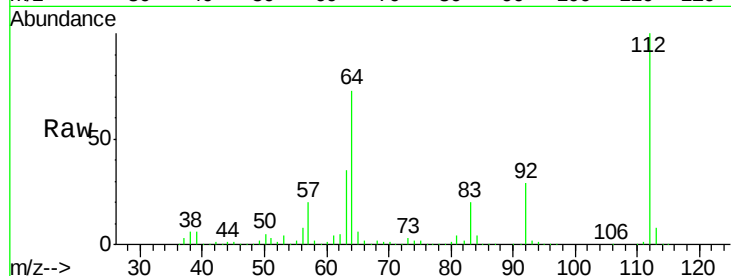
63 34.8 29.6 44.4

Manual Integrations

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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

2000000

1500000

1000000

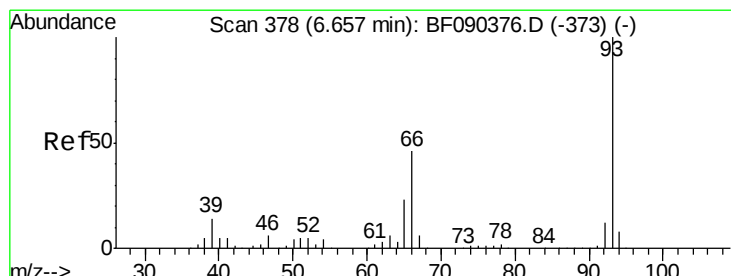
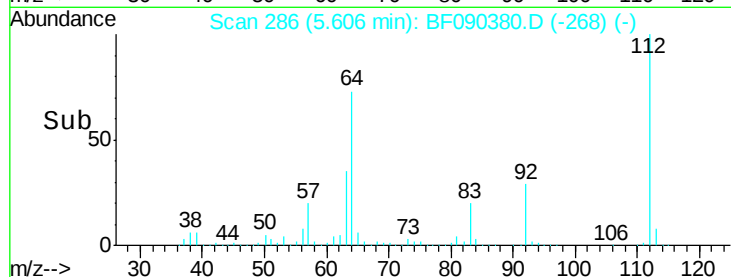
500000

0

5.61

5.50 5.60 5.70

Time-->



#6

Aniline

Concen: 42.34 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

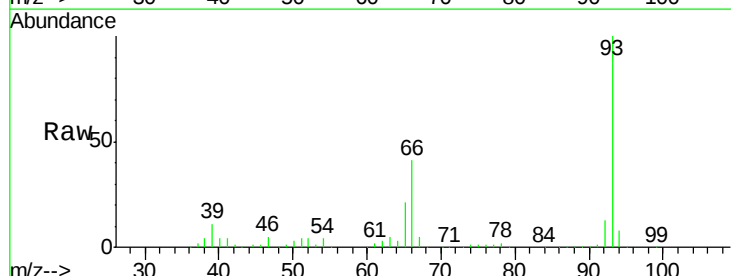
Tgt Ion: 93 Resp: 1259663

Ion Ratio Lower Upper

93 100

66 41.4 34.5 51.7

65 20.7 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

1200000

1000000

800000

600000

400000

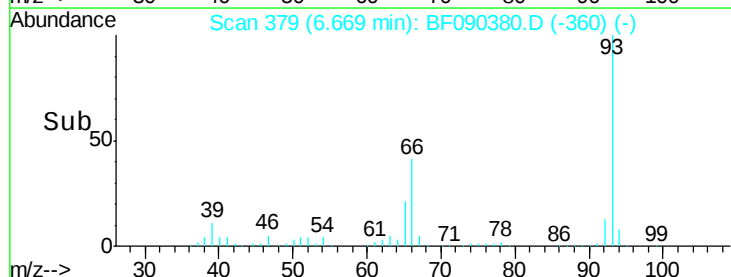
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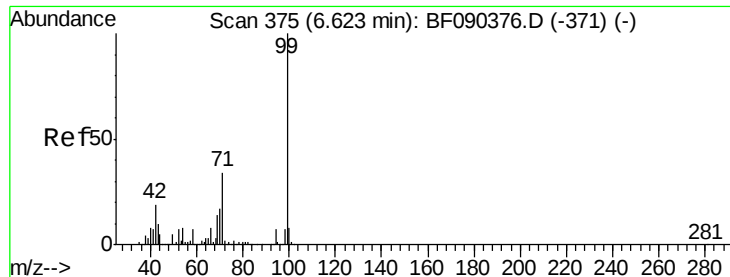
0

6.67

6.55 6.60 6.65 6.70

Time-->





#7

Phenol-d6

Concen: 81.74 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion: 99 Resp: 1760476

Ion Ratio Lower Upper

99 100

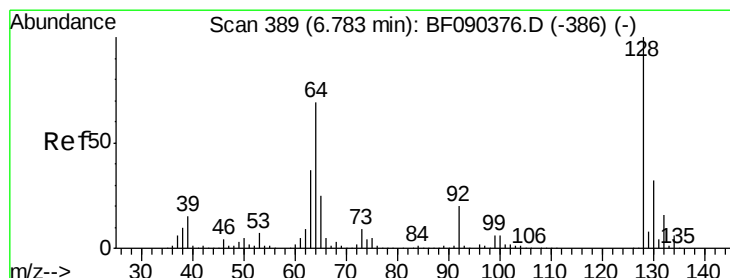
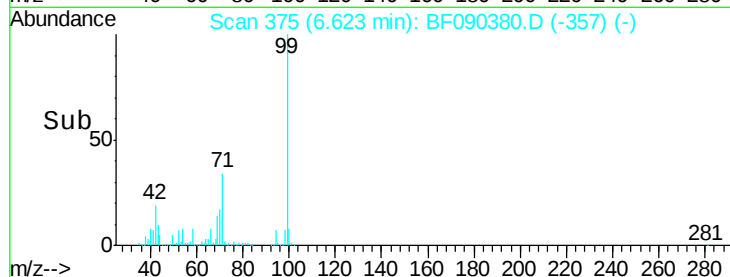
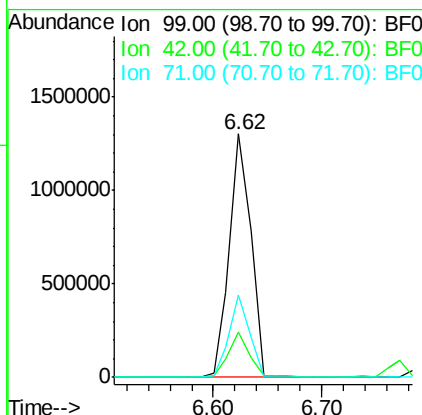
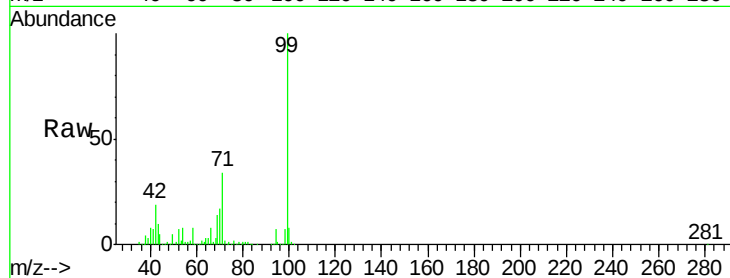
42 18.7 20.0 30.0#

71 33.7 27.9 41.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.78 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

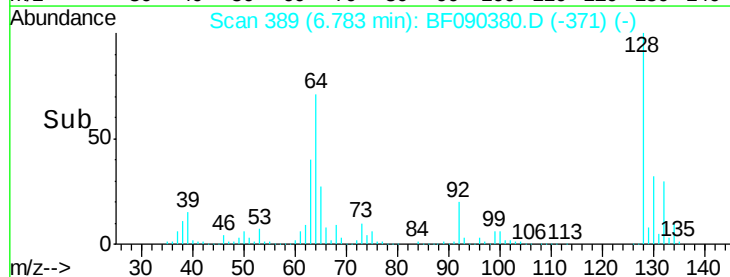
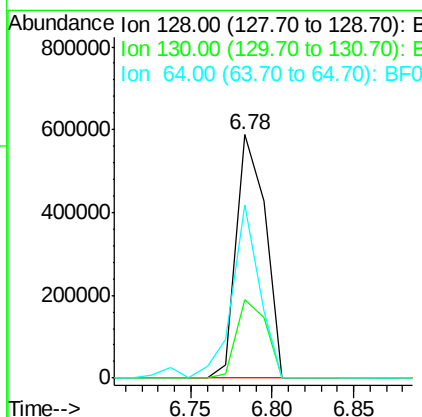
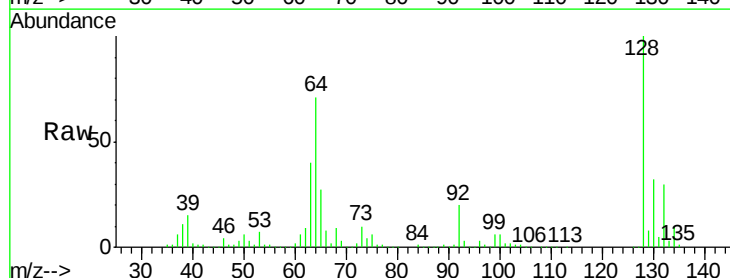
Tgt Ion: 128 Resp: 720917

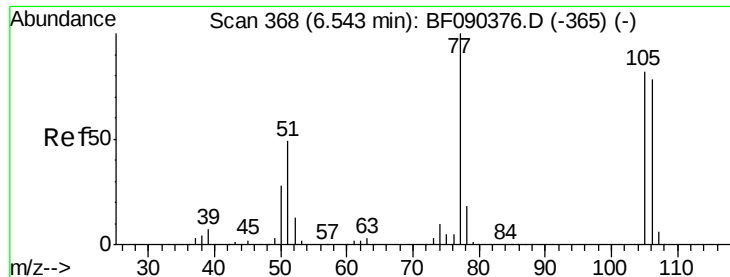
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 71.4 36.0 76.0





#9

Benzaldehyde

Concen: 40.57 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

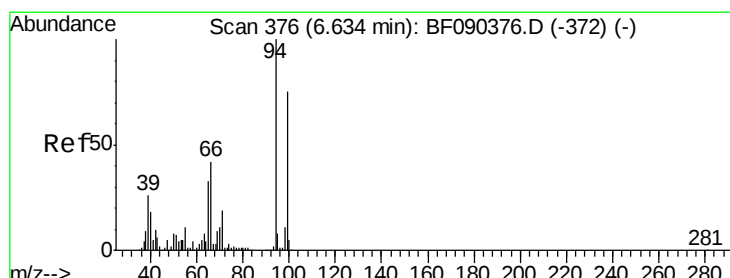
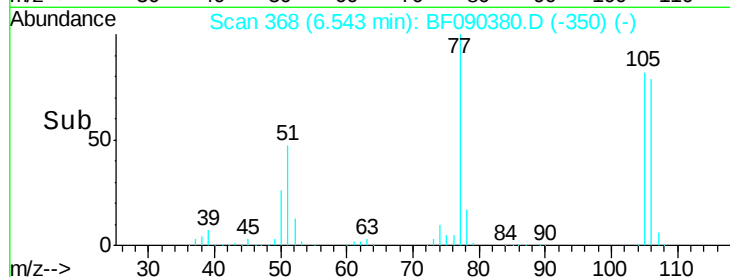
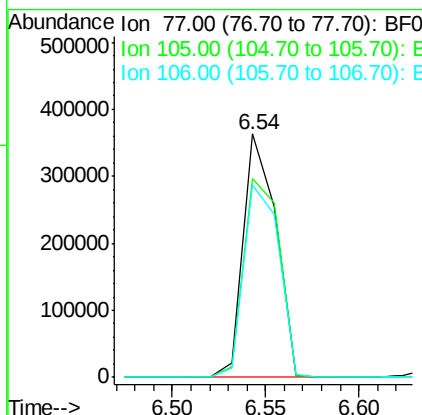
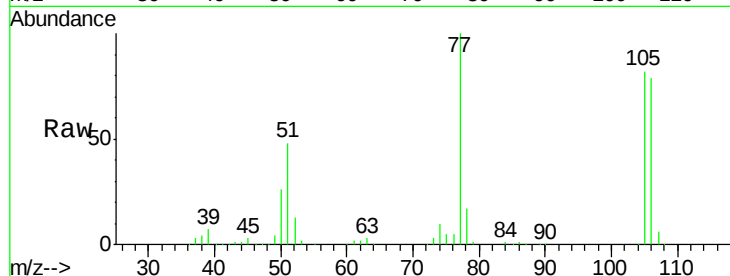
ClientSampleId :

ICVBF100516

Tot Ion:	77	Resp:	441645
Ion Ratio	Lower	Upper	
77	100		
105	81.9	73.1	113.1
106	78.8	70.2	110.2

Manual Integrations
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10/6/2016 5:27:24 PM



#10

Phenol

Concen: 40.19 ng

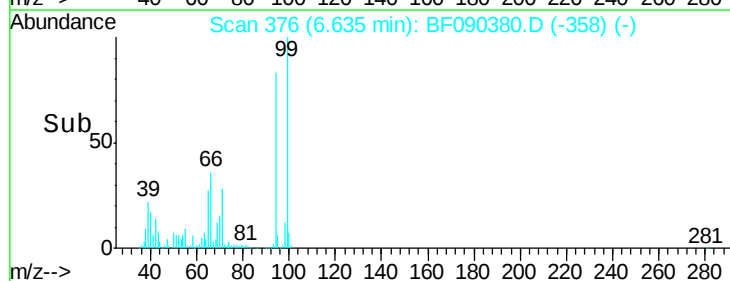
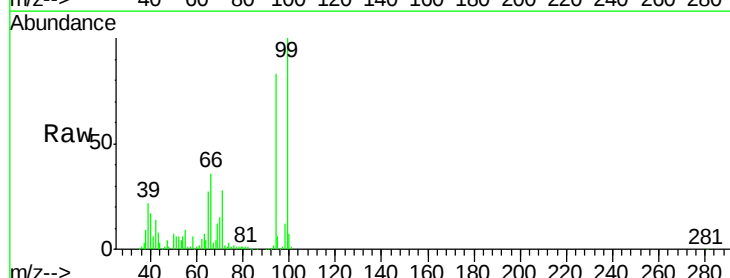
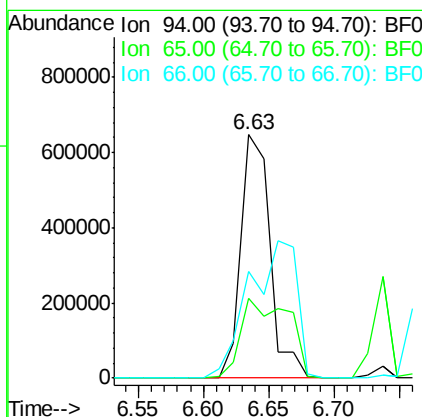
RT: 6.63 min Scan# 376

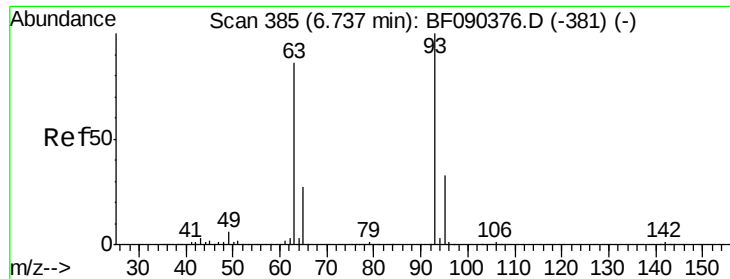
Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:	94	Resp:	1006505
Ion Ratio	Lower	Upper	
94	100		
65	32.8	13.3	53.3
66	43.9	20.4	60.4





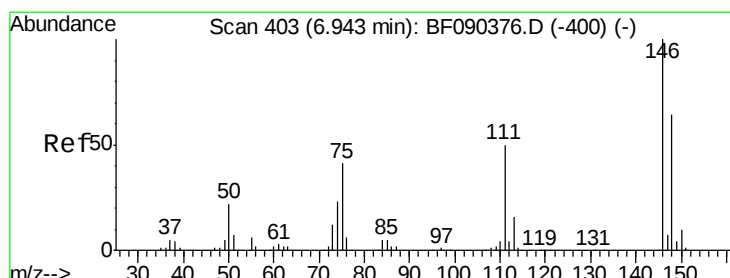
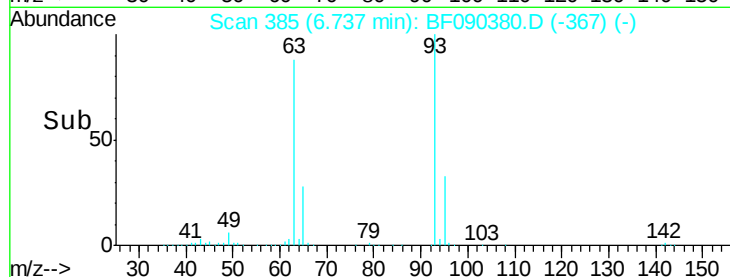
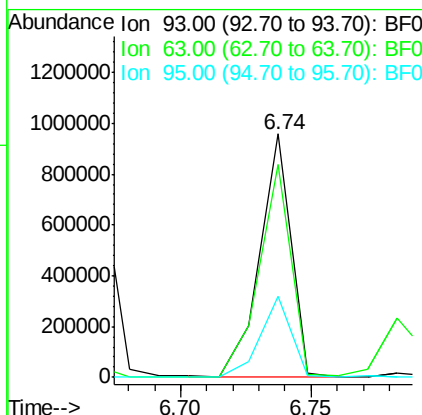
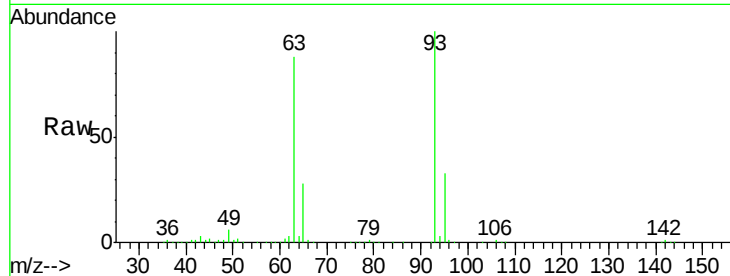
#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 6.74 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	59.7	99.7
95	33.3	14.0	54.0

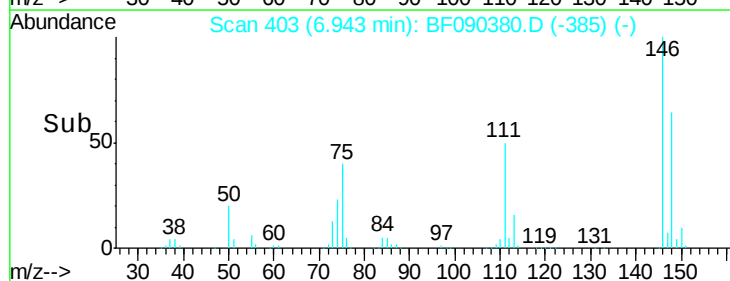
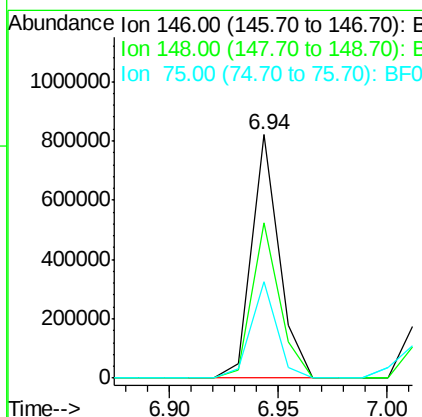
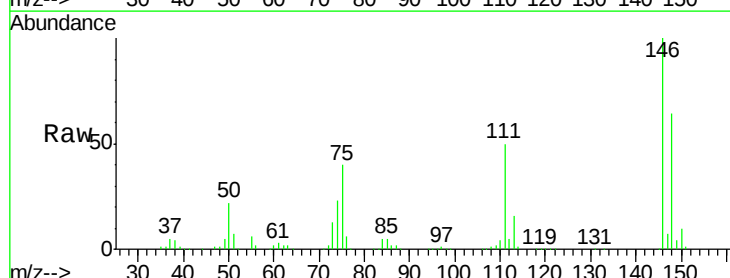
Manual Integrations
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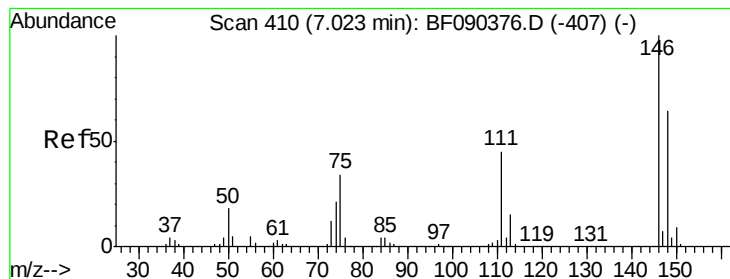
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 39.87 ng
RT: 6.94 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
75	39.9	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 43.65 ng

RT: 7.02 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

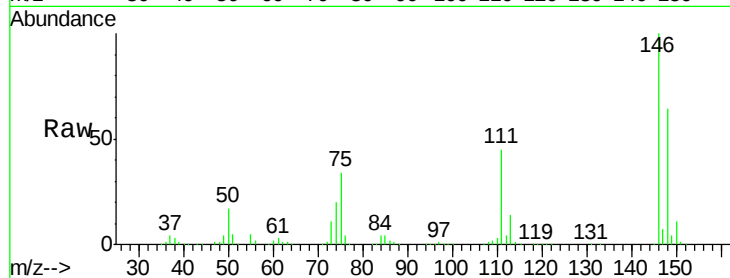
ClientSampleId :

ICVBF100516

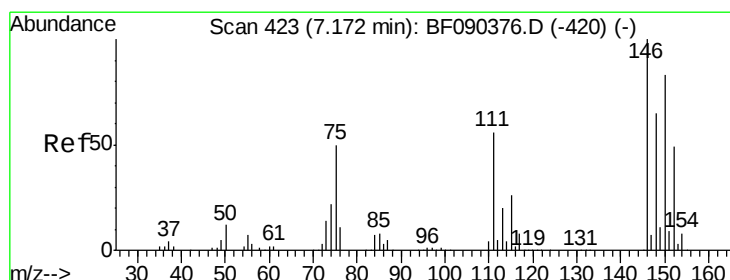
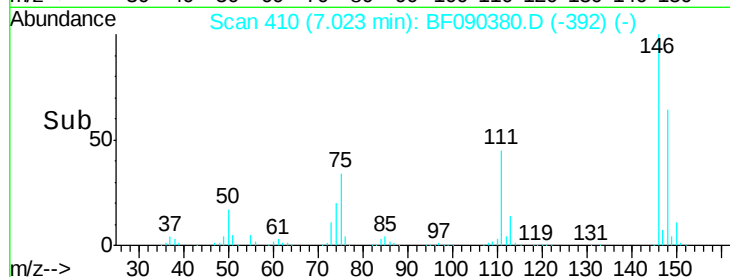
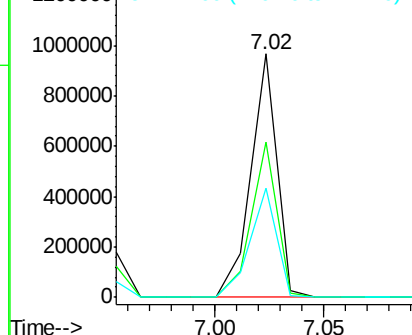
Tot Ion:	146	Resp:	799714
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	44.8	37.8	56.6

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



#14

1,2-Dichlorobenzene

Concen: 38.93 ng

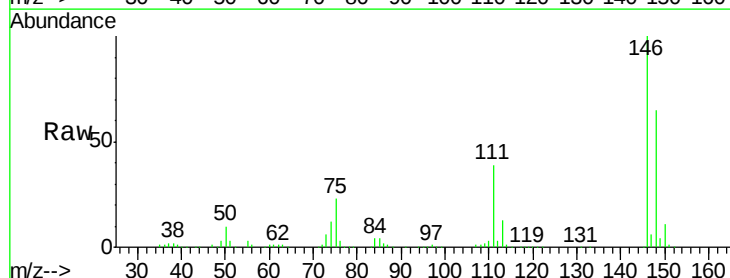
RT: 7.18 min Scan# 424

Delta R.T. 0.01 min

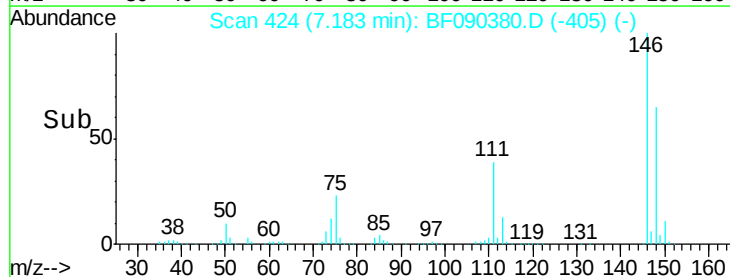
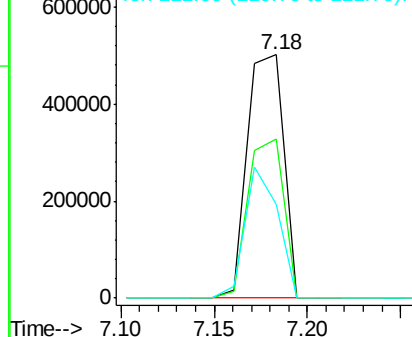
Lab File: BF090380.D

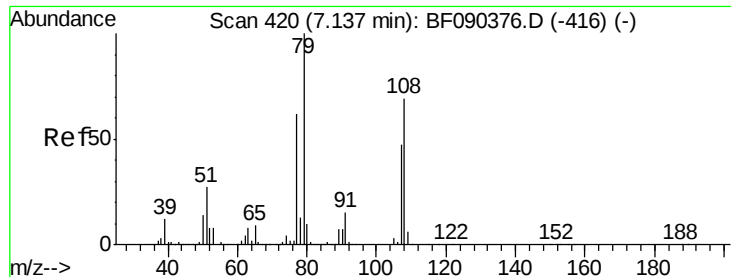
Acq: 5 Oct 2016 14:41

Tgt Ion:	146	Resp:	687286
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.3	78.5
111	38.6	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 41.08 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion: 79 Resp: 672537

Ion Ratio Lower Upper

79 100

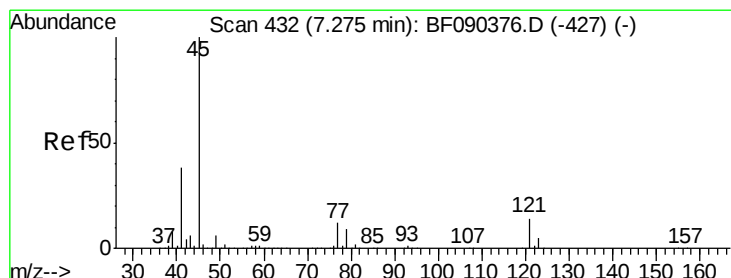
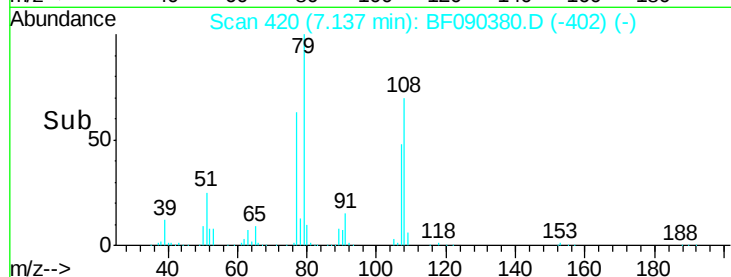
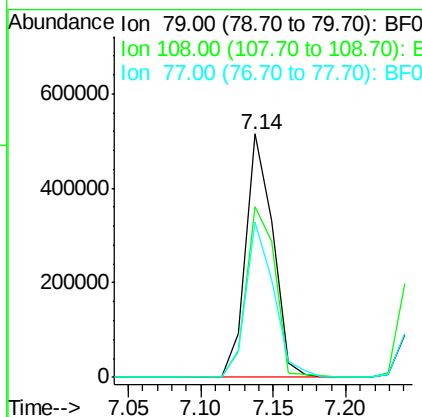
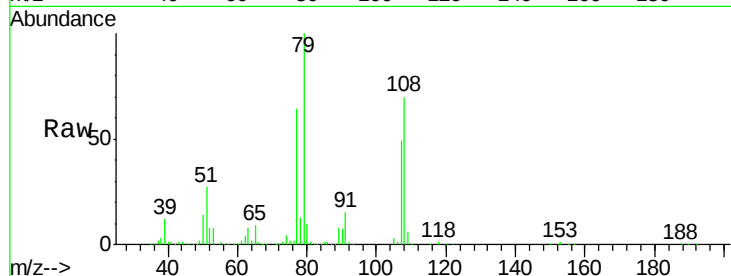
108 70.3 60.9 91.3

77 63.6 51.5 77.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.03 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

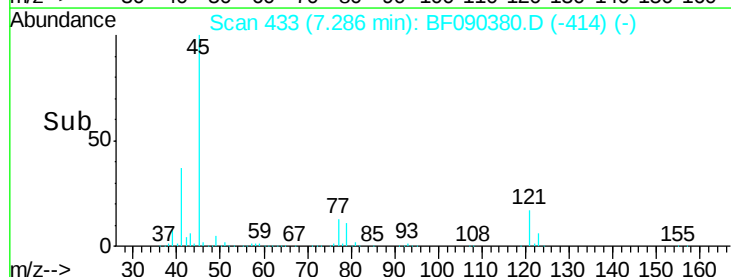
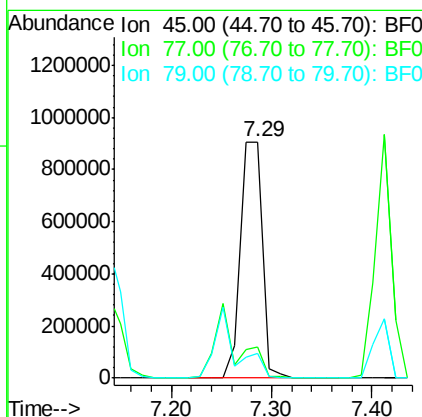
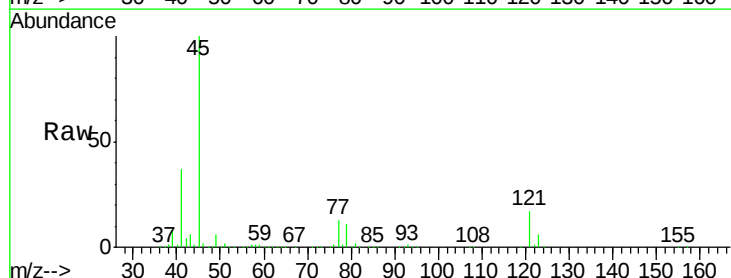
Tgt Ion: 45 Resp: 1366757

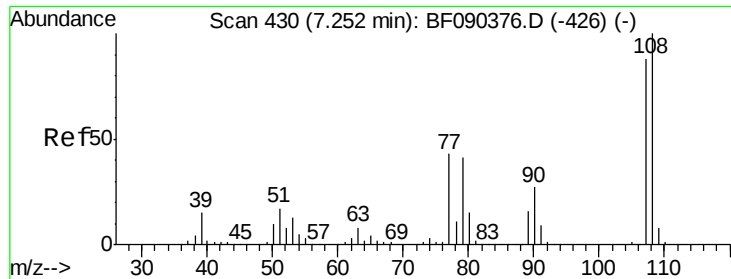
Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.8

79 10.7 0.0 28.2





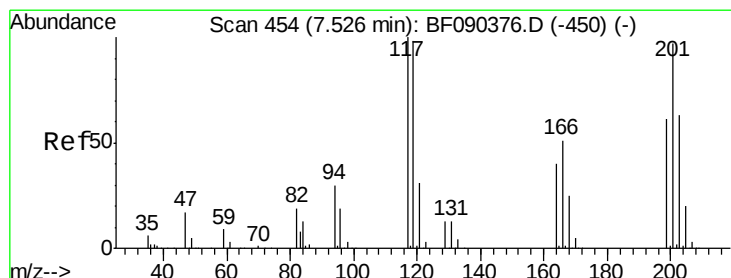
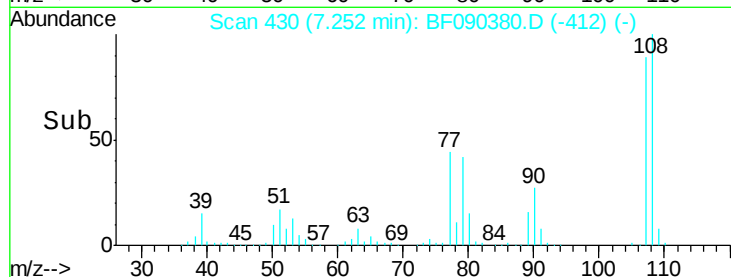
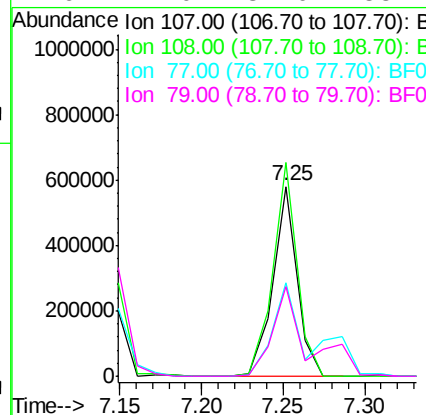
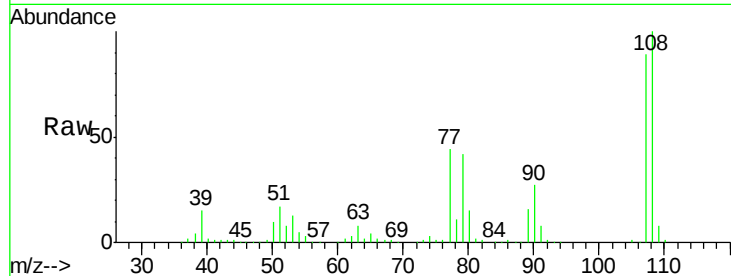
#17
2-Methylphenol
Concen: 40.13 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	597303		
108	108.00	112.7		90.9	136.3
77	77.00	49.5		38.2	57.4
79	79.00	47.0		37.0	55.4

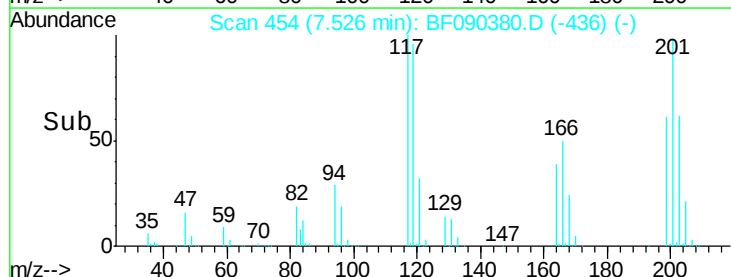
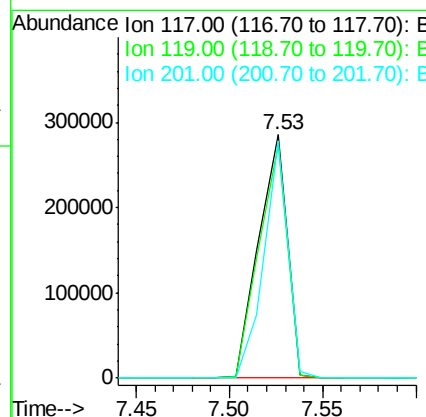
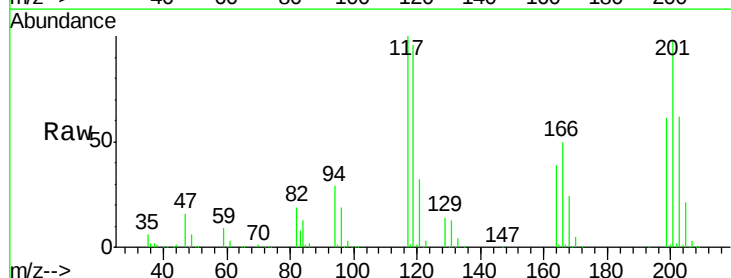
Manual Integrations
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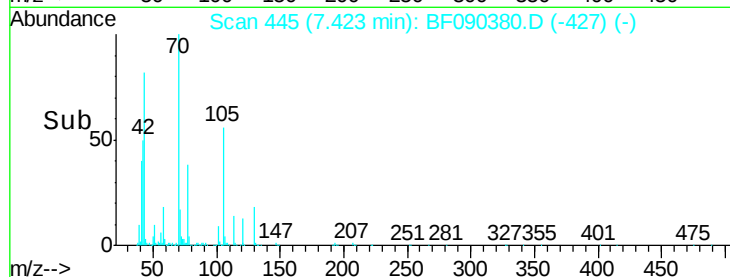
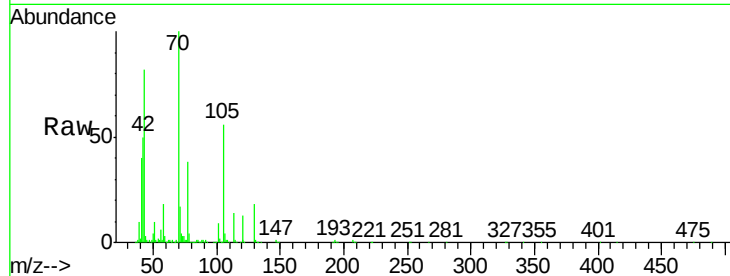
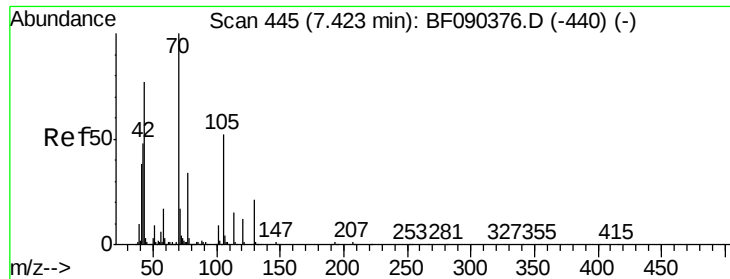
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#18
Hexachloroethane
Concen: 41.91 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	302749		
119	119.00	96.1		75.9	113.9
201	201.00	97.6		66.5	99.7





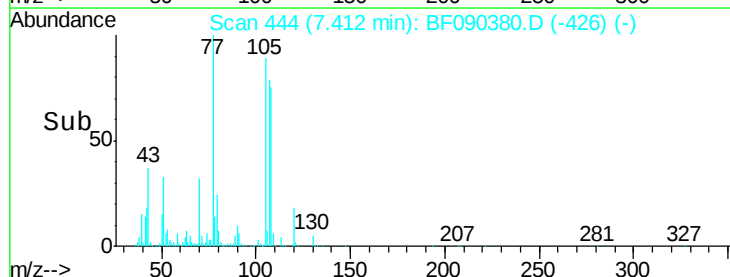
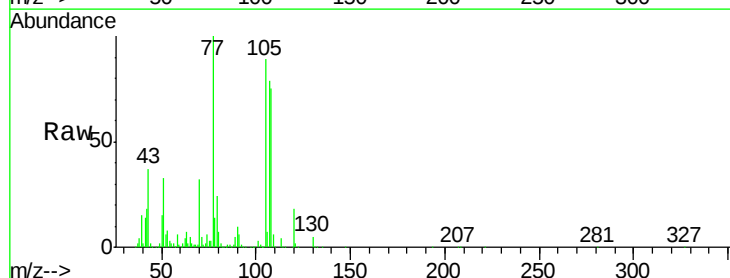
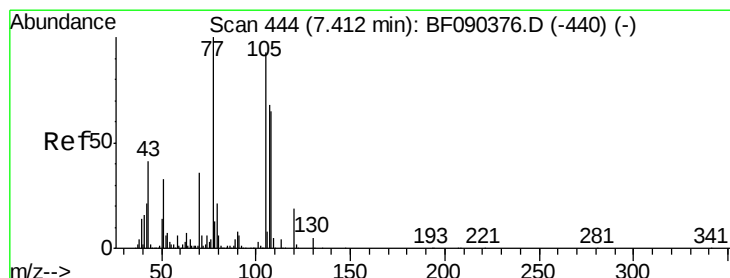
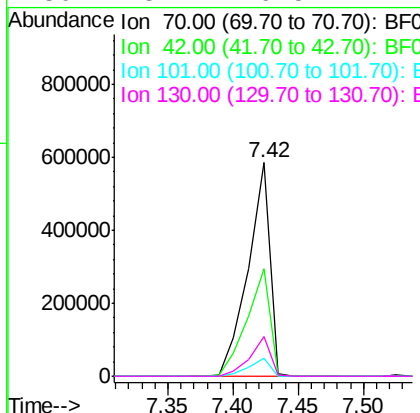
#19
n-Nitroso-di-n-propylamine
Concen: 43.20 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	55.4	83.2#	
101	8.5	7.6	11.4	
130	18.4	16.5	24.7	

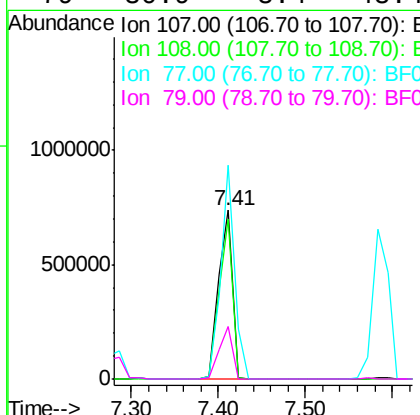
Manual Integrations
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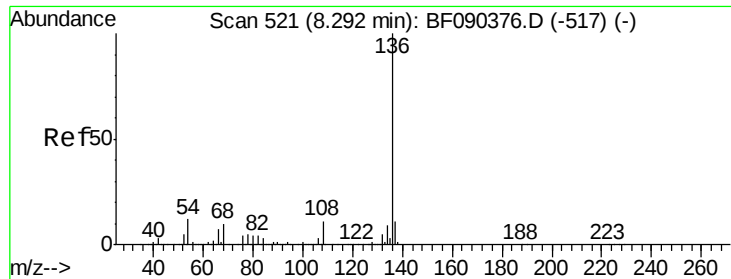
SOHIL
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#20
3+4-Methylphenols
Concen: 43.41 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.7	66.7	106.7	
77	126.8	53.7	93.7#	
79	30.9	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: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:136 Resp: 1030356

Ion Ratio Lower Upper

136 100

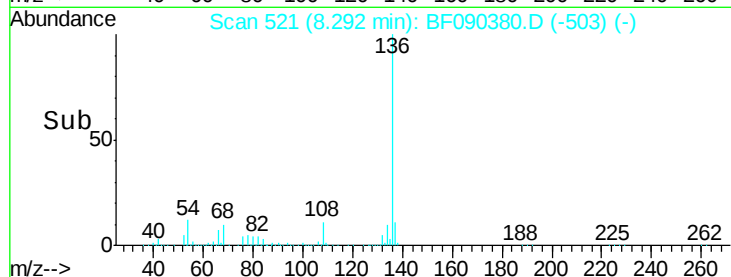
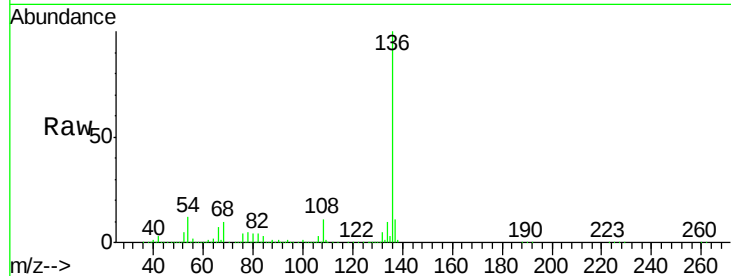
137 11.5 9.0 13.6

54 12.5 6.6 10.0#

68 10.4 5.0 7.6#

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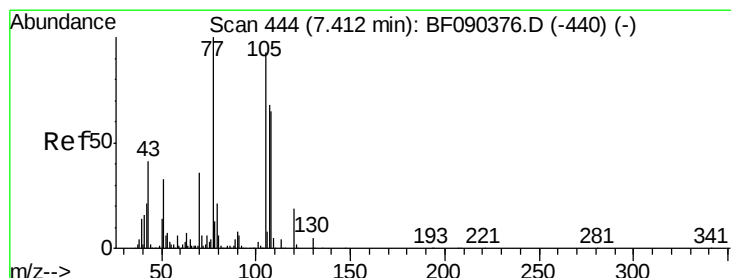
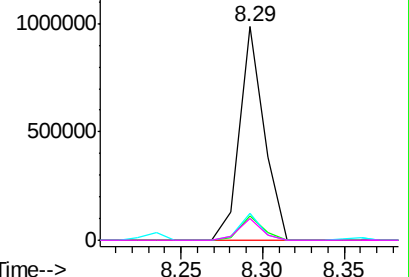
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 39.36 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:105 Resp: 960572

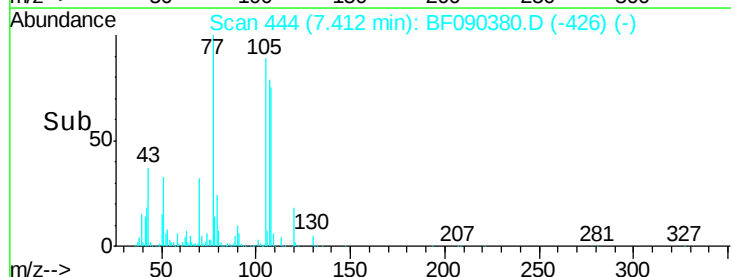
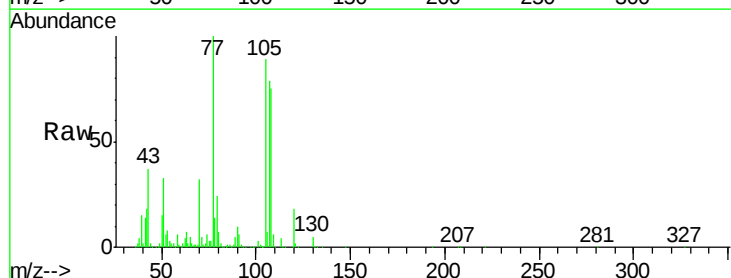
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 37.3 28.2 42.4

120 20.3 17.4 26.2



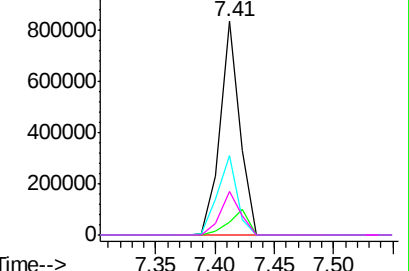
Abundance Ion 105.00 (104.70 to 105.70): E

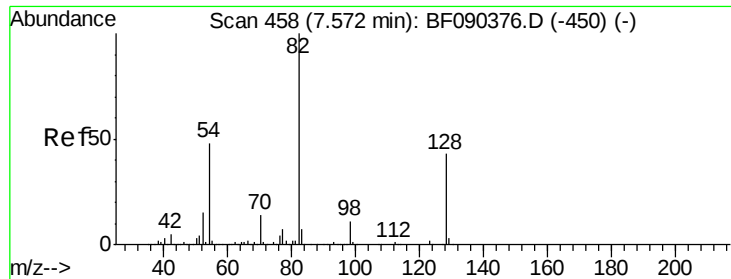
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





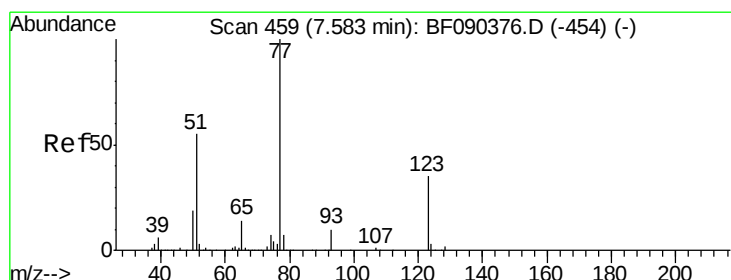
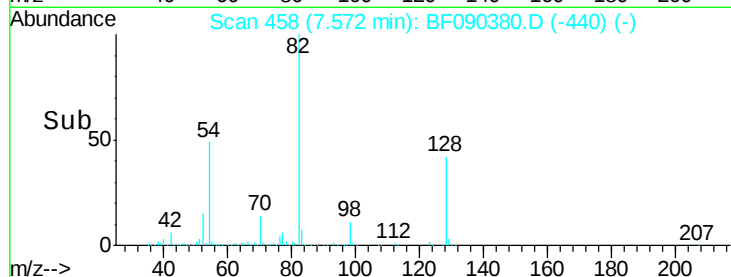
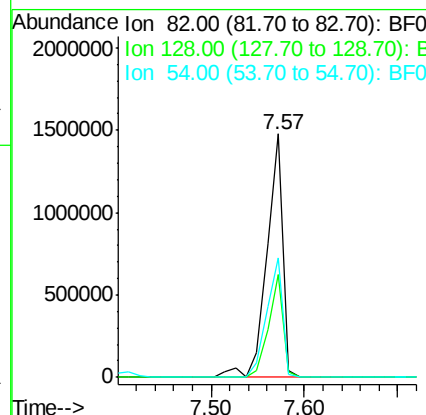
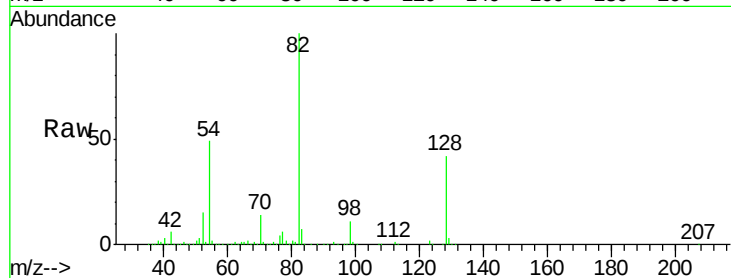
#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.57 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	82	Resp	1767738
Ion Ratio	100	Lower	Upper
82	100		
128	42.5	40.0	60.0
54	49.2	42.6	64.0

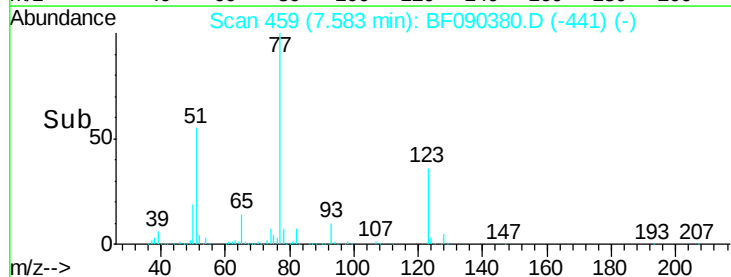
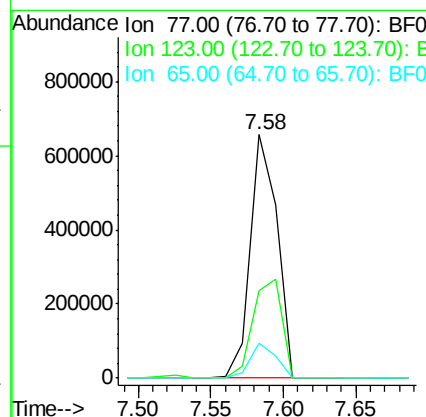
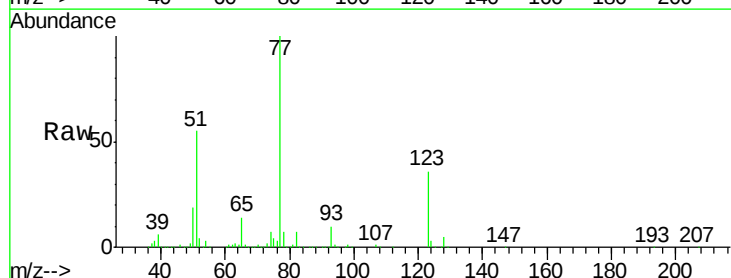
Manual Integrations
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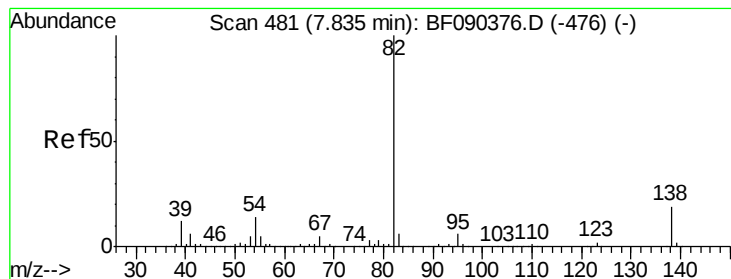
SOHIL
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#24
Nitrobenzene
Concen: 39.88 ng
RT: 7.58 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	77	Resp	838632
Ion Ratio	100	Lower	Upper
77	100		
123	36.0	33.0	49.4
65	14.2	12.0	18.0





#25

Isophorone

Concen: 41.94 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion: 82 Resp: 1624298

Ion Ratio Lower Upper

82 100

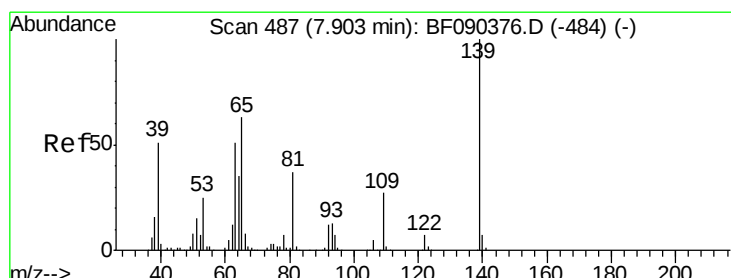
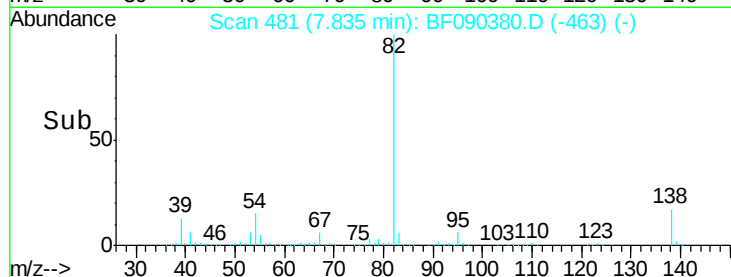
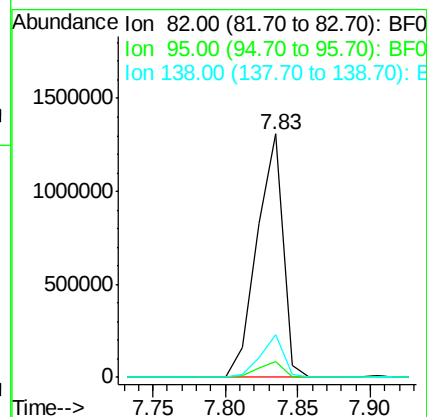
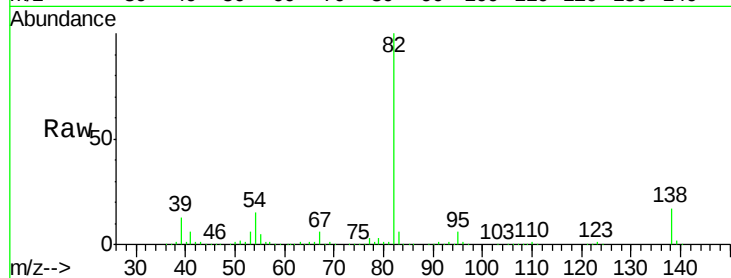
95 6.4 5.2 7.8

138 17.3 13.0 19.4

Manual Integrations
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SOHIL

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#26

2-Nitrophenol

Concen: 38.75 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

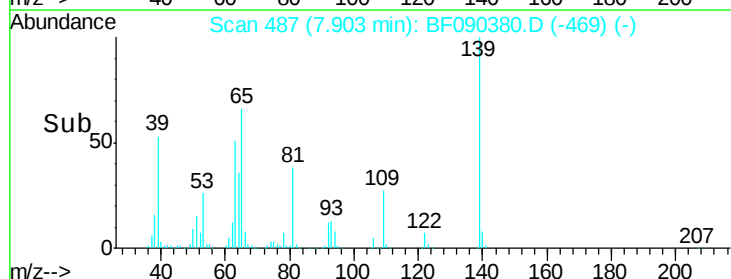
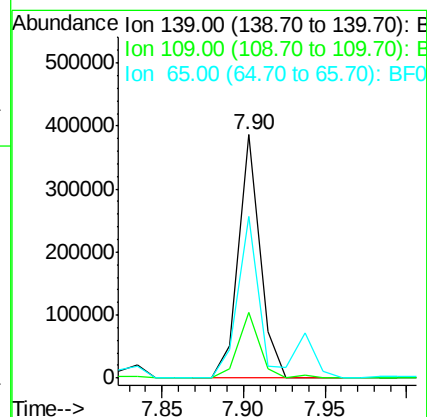
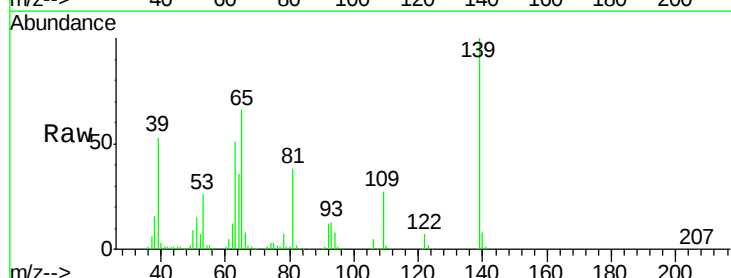
Tgt Ion: 139 Resp: 350751

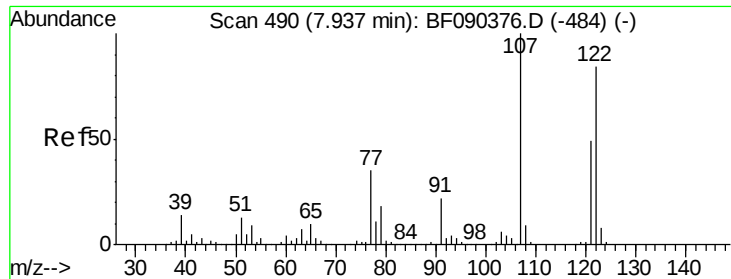
Ion Ratio Lower Upper

139 100

109 26.8 18.9 28.3

65 66.2 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 37.50 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

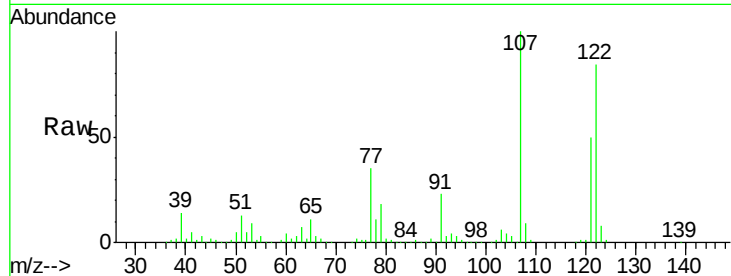
ClientSampleId :

ICVBF100516

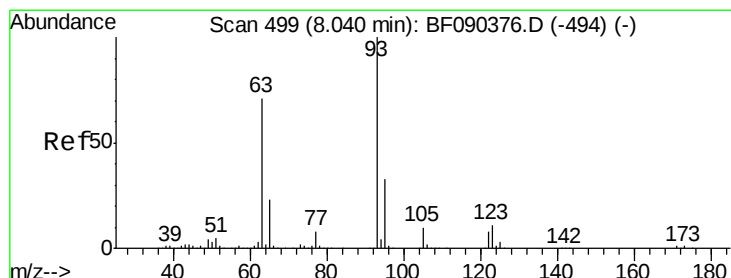
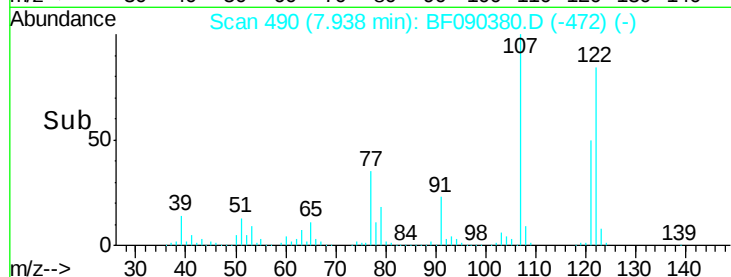
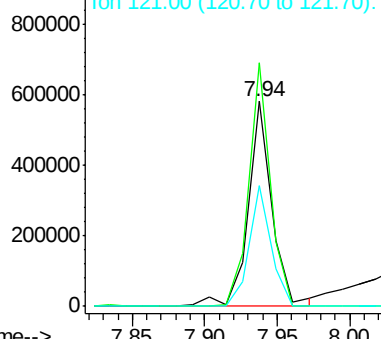
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	88.6	132.8
121	59.1	47.5	71.3

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Abundance Ion 122.00 (121.70 to 122.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.07 ng

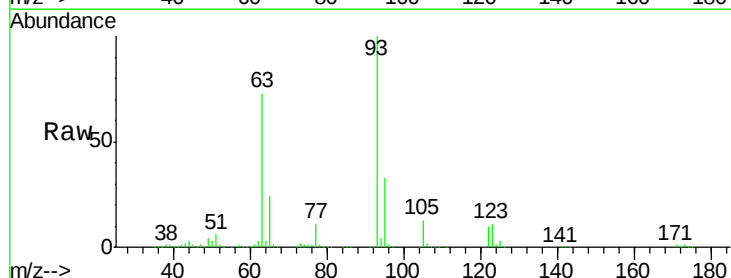
RT: 8.04 min Scan# 499

Delta R.T. 0.00 min

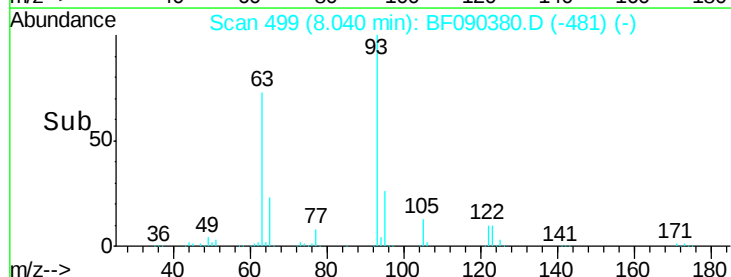
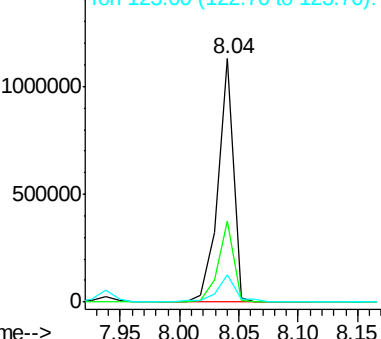
Lab File: BF090380.D

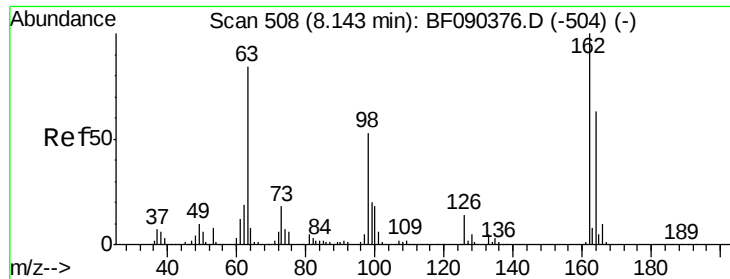
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.0	40.4
123	11.5	11.1	16.7



Abundance Ion 93.00 (92.70 to 93.70): BF0





#29

2,4-Dichlorophenol

Concen: 39.31 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

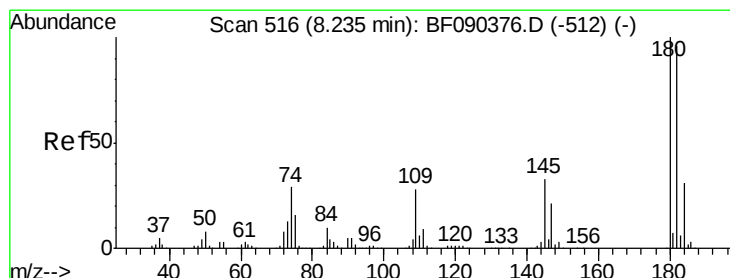
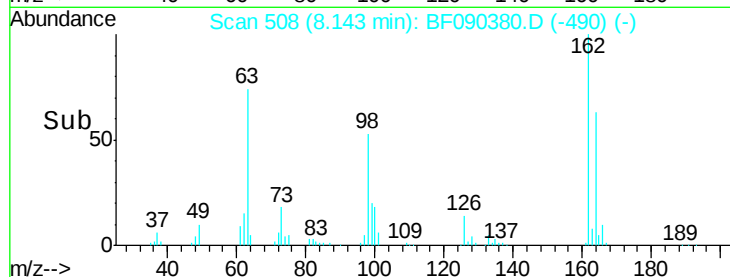
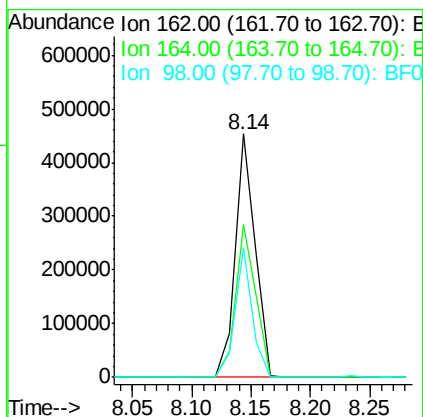
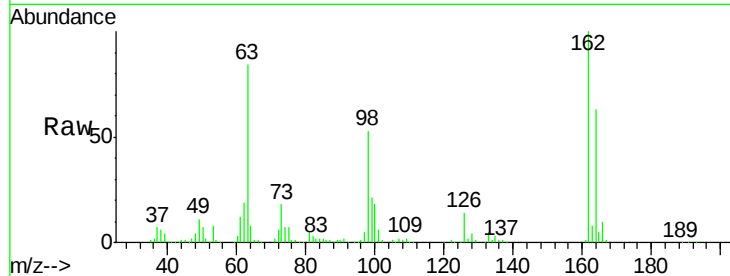
ClientSampleId :

ICVBF100516

Tot Ion:	162	Resp:	526002
Ion Ratio	Lower	Upper	
162	100		
164	62.7	45.7	85.7
98	53.3	13.3	53.3#

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#30

1,2,4-Trichlorobenzene

Concen: 42.74 ng

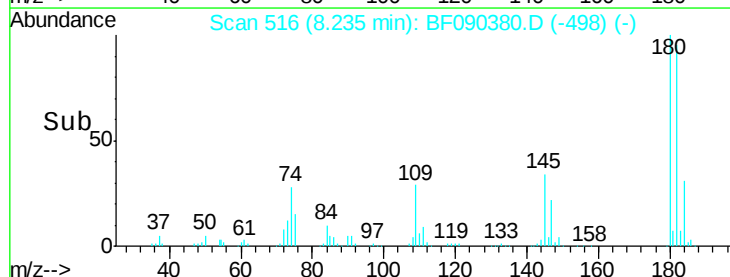
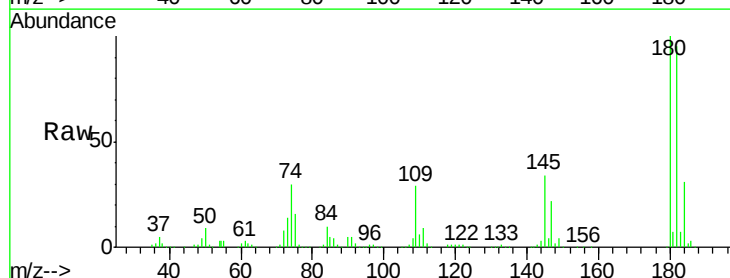
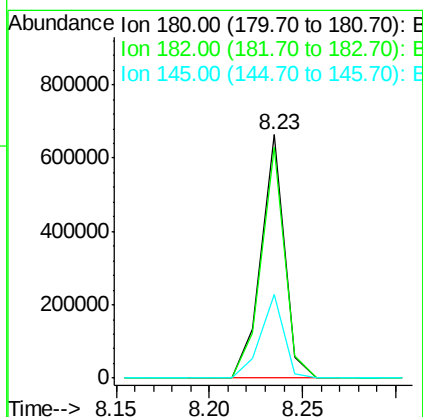
RT: 8.23 min Scan# 516

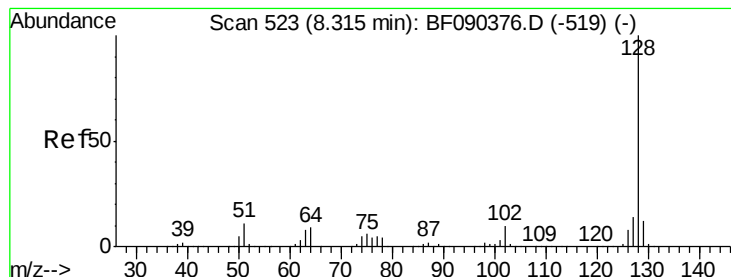
Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:	180	Resp:	589543
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.3	112.9
145	34.1	27.7	41.5





#31

Naphthalene

Concen: 37.87 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:128 Resp: 1882614

Ion Ratio Lower Upper

128 100

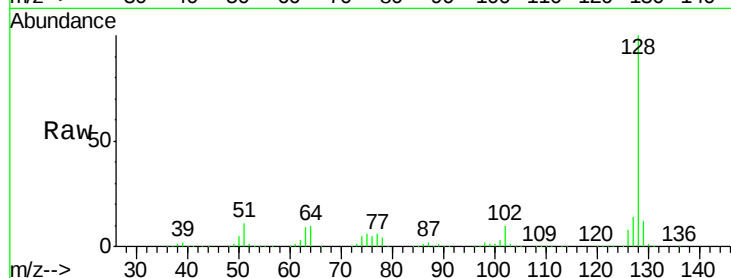
129 12.1 9.7 14.5

127 14.1 11.7 17.5

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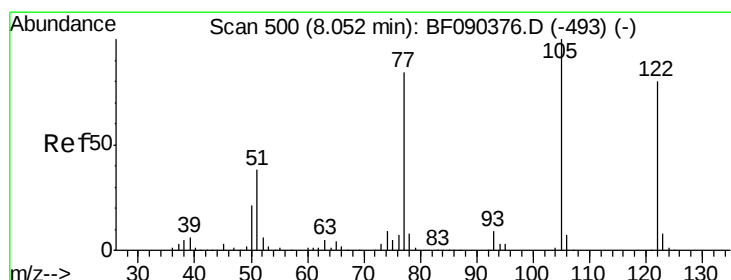
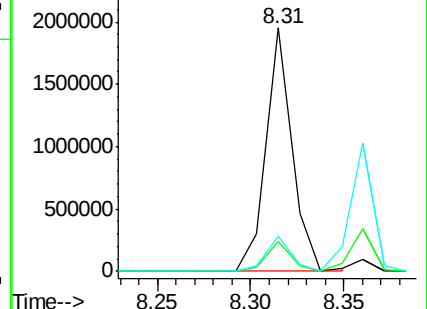
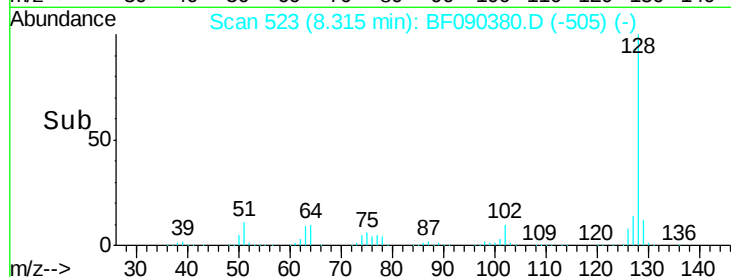
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.90 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

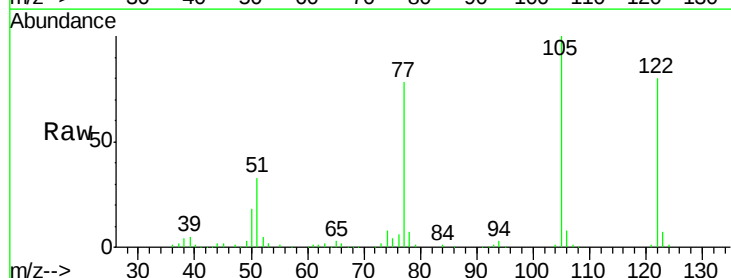
Tgt Ion:122 Resp: 549391

Ion Ratio Lower Upper

122 100

105 124.6 103.9 143.9

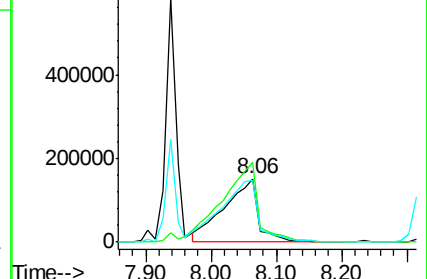
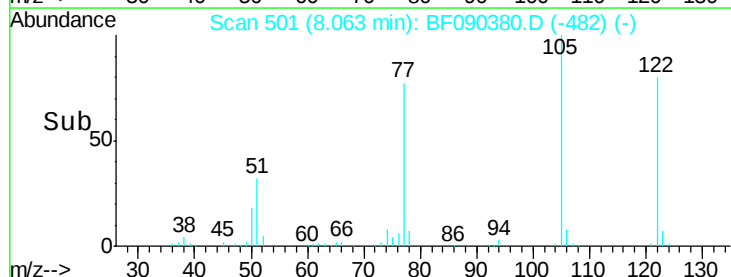
77 97.4 74.6 114.6



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





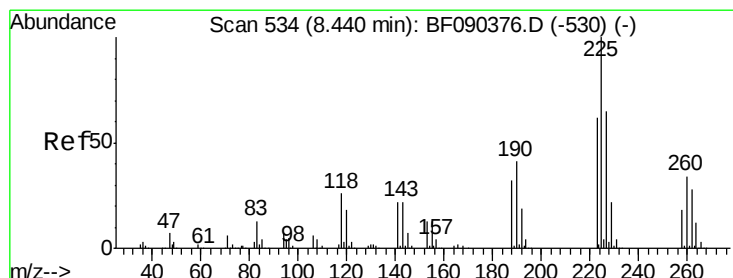
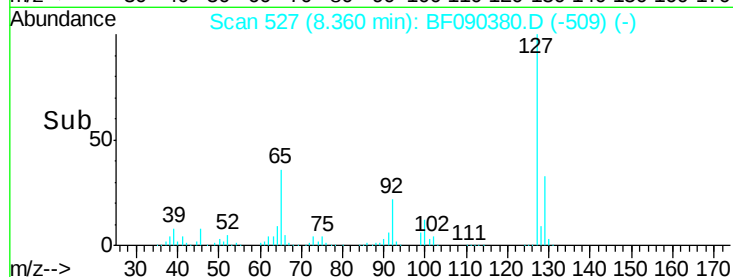
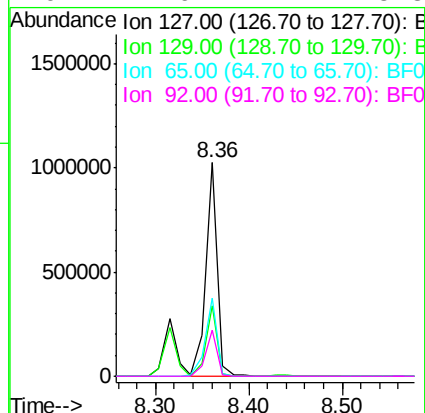
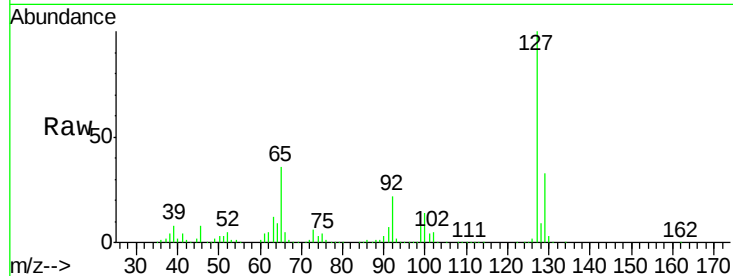
#33
4-Chloroaniline
Concen: 43.17 ng
RT: 8.36 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		886964		
129	32.9	26.2	39.4		
65	36.4	32.5	48.7		
92	21.6	17.2	25.8		

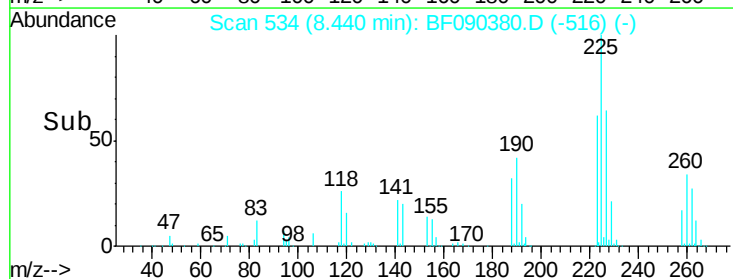
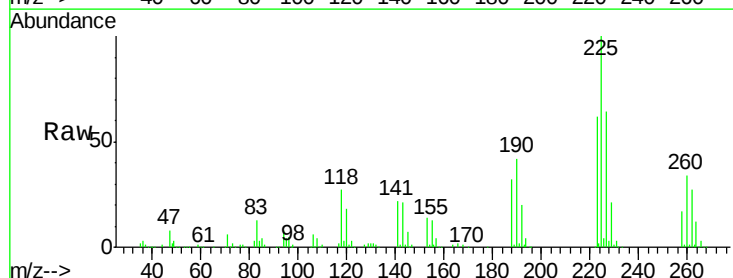
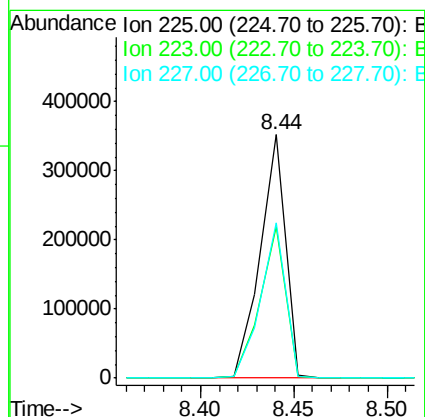
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#34
Hexachlorobutadiene
Concen: 42.71 ng
RT: 8.44 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		329087		
223	62.0	51.0	76.4		
227	64.0	50.8	76.2		





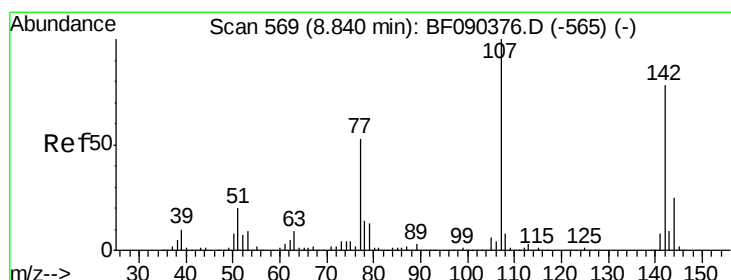
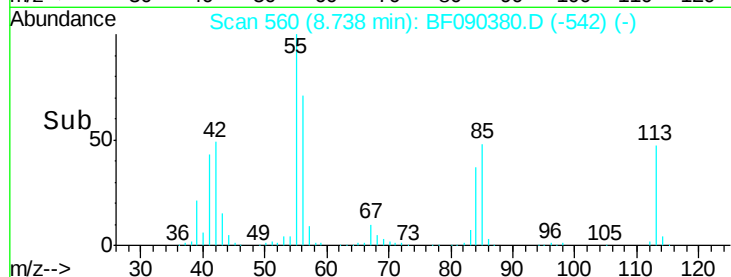
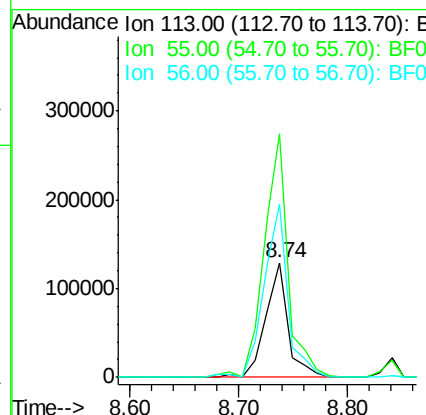
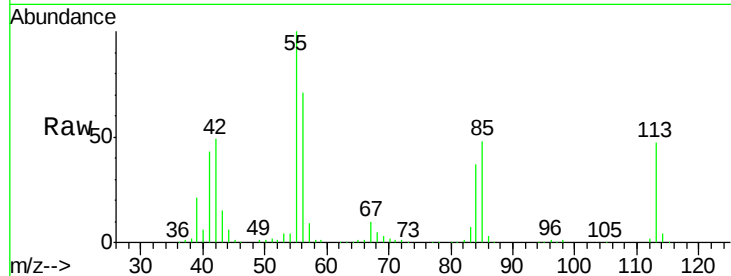
#35
 Caprolactam
 Concen: 41.42 ng
 RT: 8.74 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.2	203.3	243.3
56	151.3	140.5	180.5

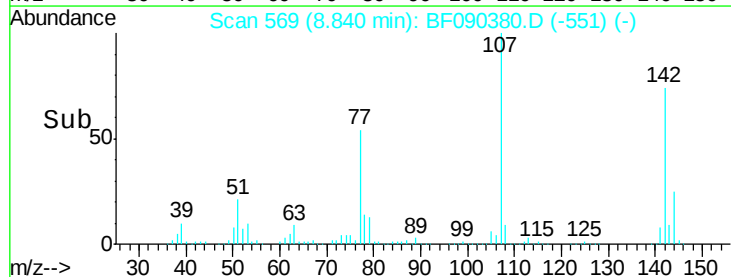
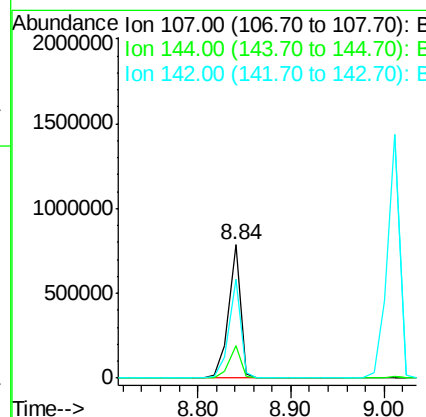
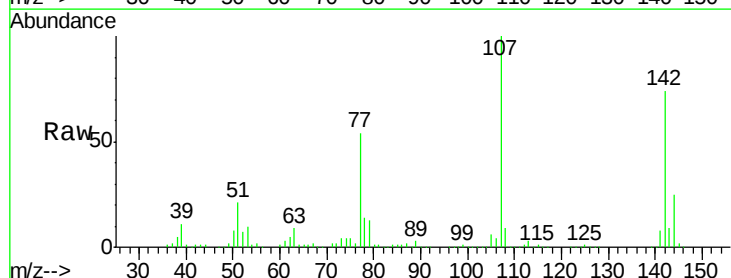
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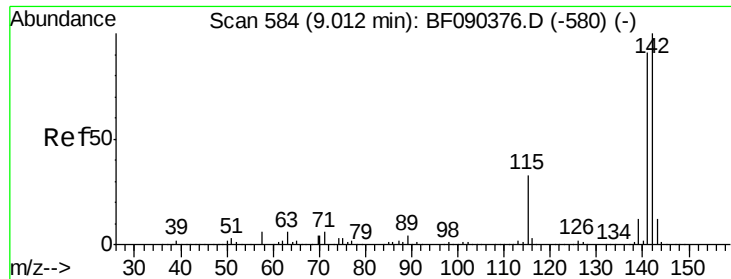
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#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.8
142	74.4	60.7	91.1





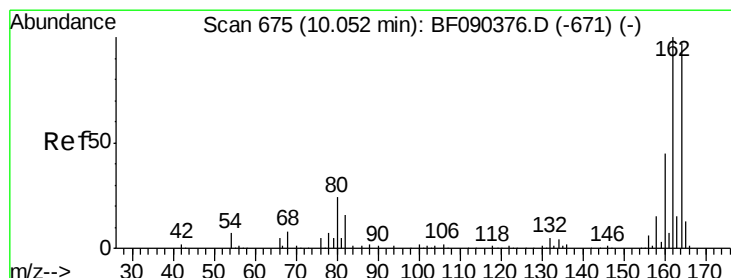
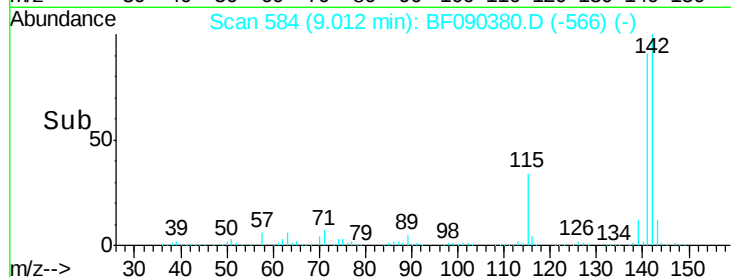
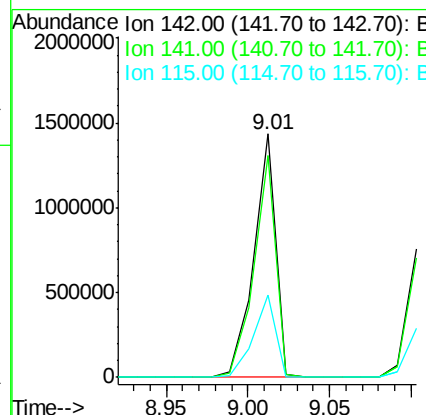
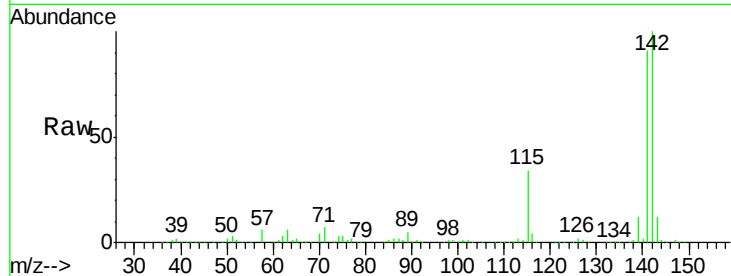
#37
2-Methylnaphthalene
Concen: 44.20 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.8	107.8
115	33.8	28.8	43.2

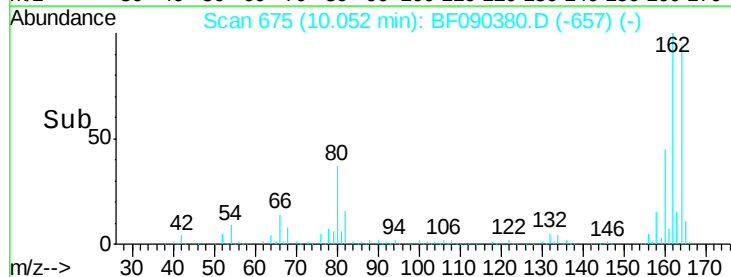
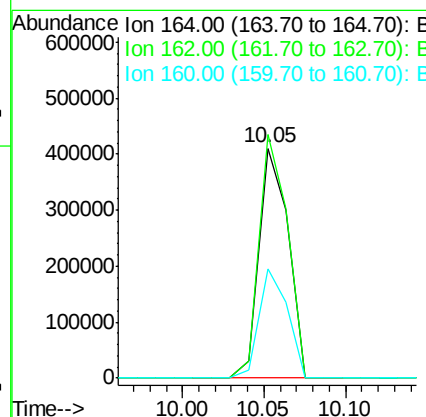
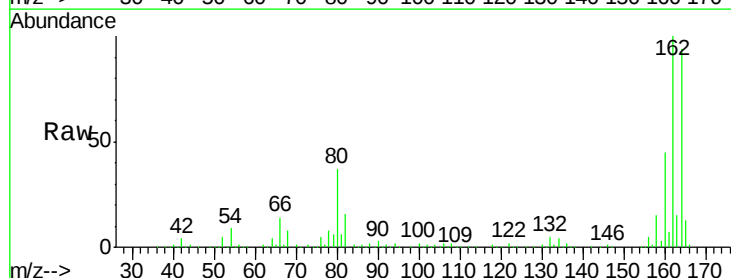
Manual Integrations
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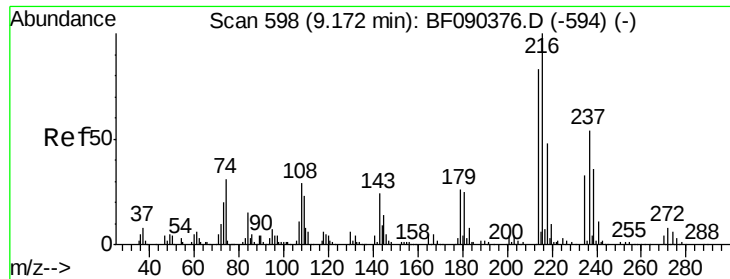
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.1	120.1
160	47.4	36.3	54.5





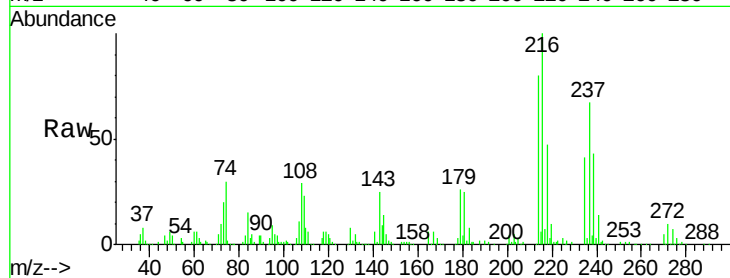
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.86 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

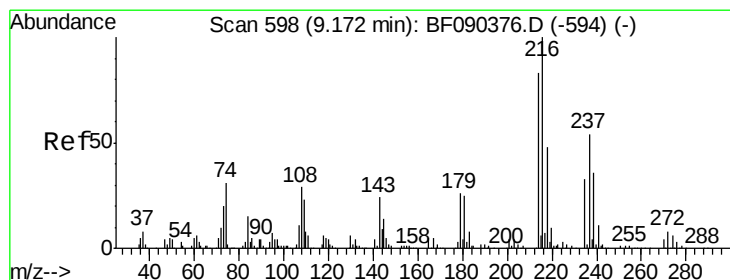
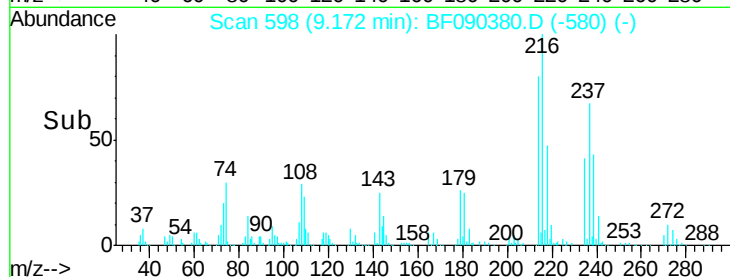
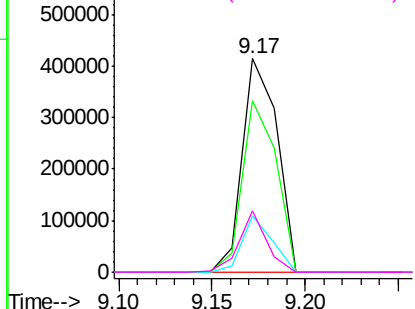
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		533852		
214	78.4		64.2	96.2	
179	23.0		18.0	27.0	
108	22.6		15.2	22.8	

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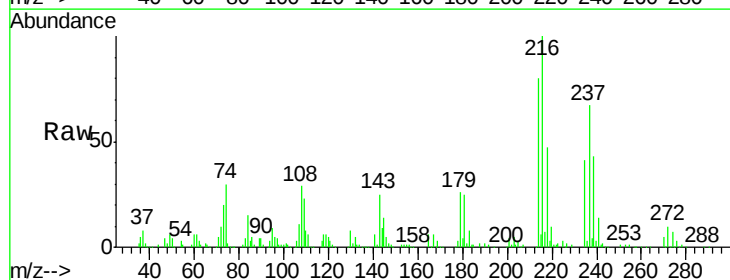


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

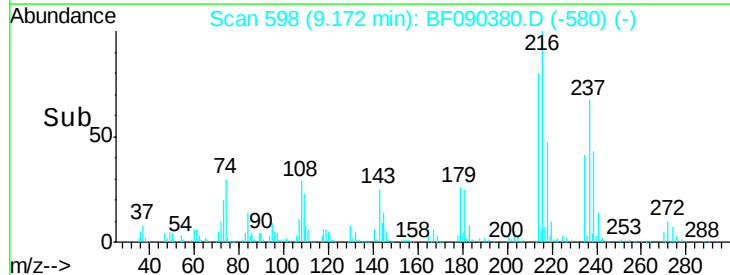
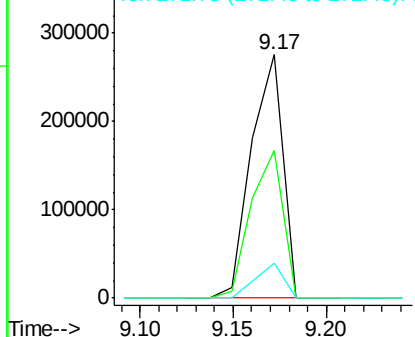


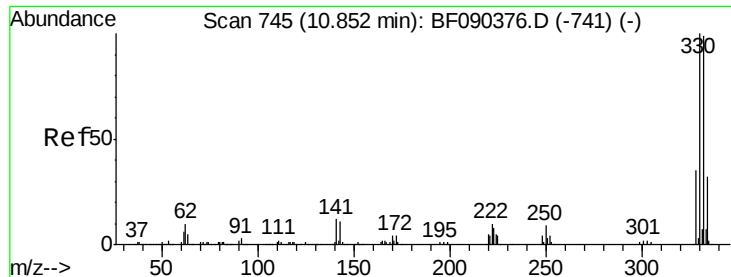
#40
 Hexachlorocyclopentadiene
 Concen: 43.94 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		322532		
235	60.9		43.6	83.6	
272	14.5		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





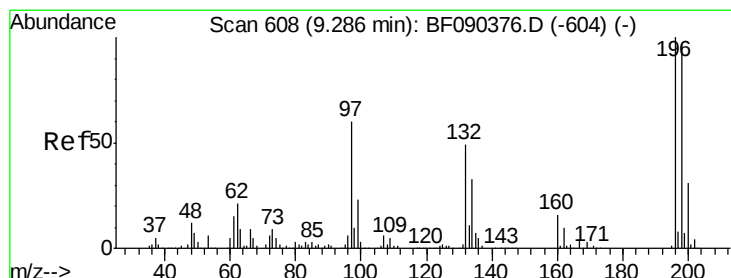
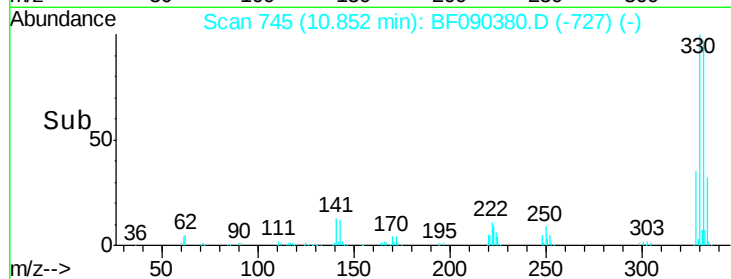
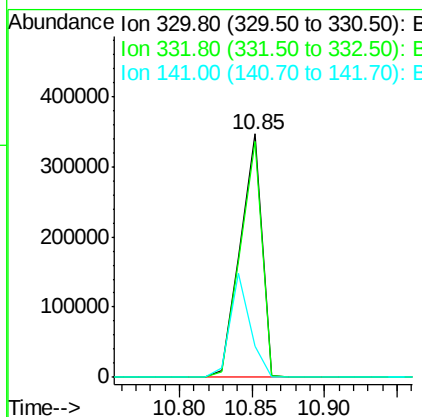
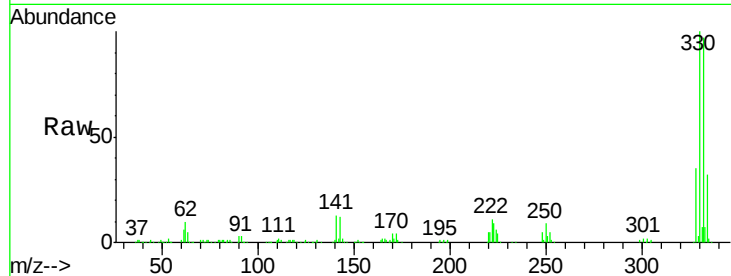
#41
 2,4,6-Tribromophenol
 Concen: 88.10 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Resp	Lower	Upper
330	100	363883		
332	96.7	75.4	113.0	
141	38.9	26.9	40.3	

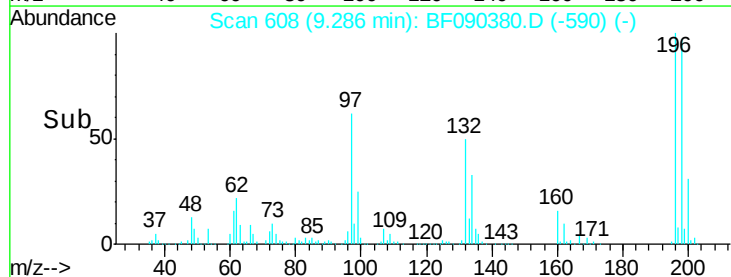
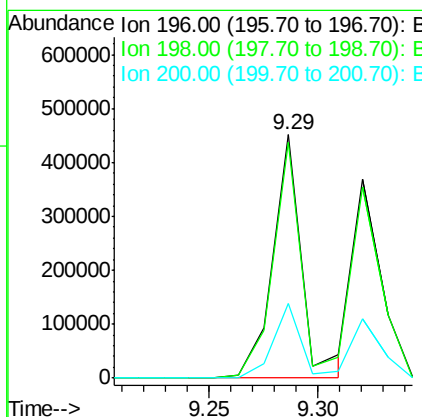
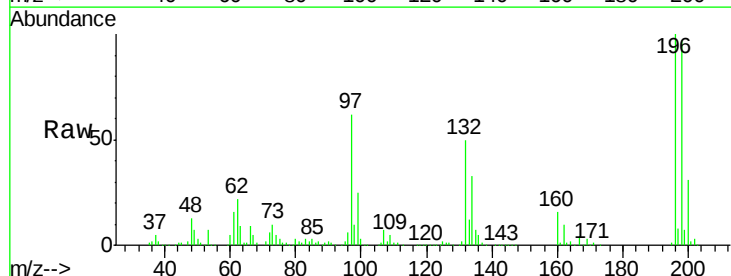
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 45.75 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	422800		
198	97.0	78.9	118.3	
200	30.7	25.4	38.2	





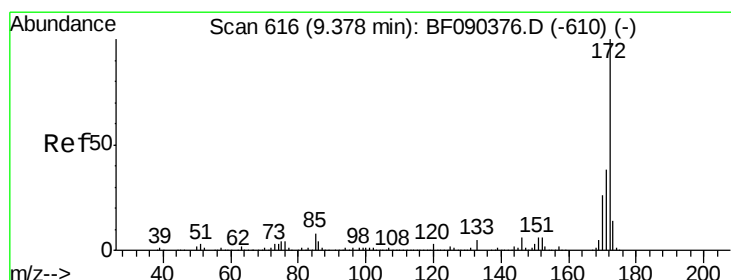
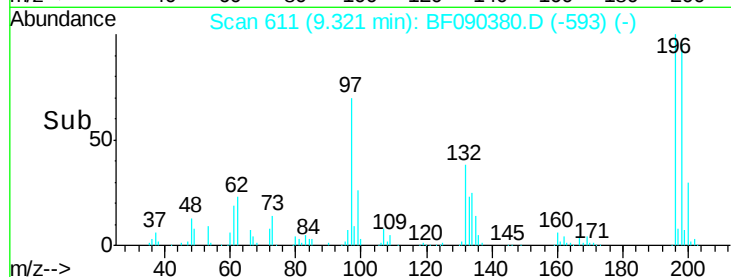
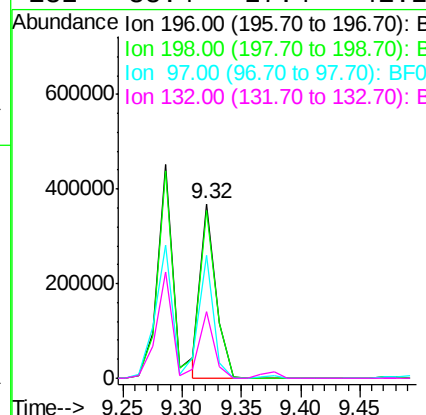
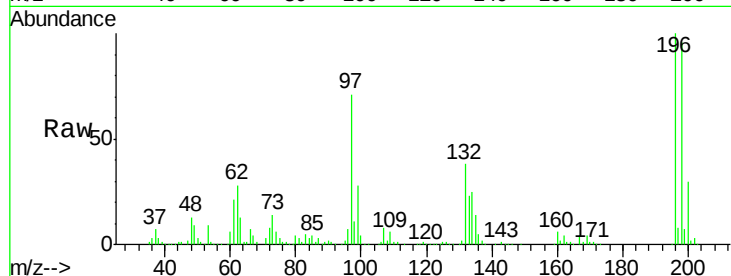
#43
 2,4,5-Trichlorophenol
 Concen: 38.59 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion:	196	Resp:	337209
Ion Ratio	Lower	Upper	
196	100		
198	96.0	78.1	117.1
97	70.7	48.1	72.1
132	38.4	27.4	41.2

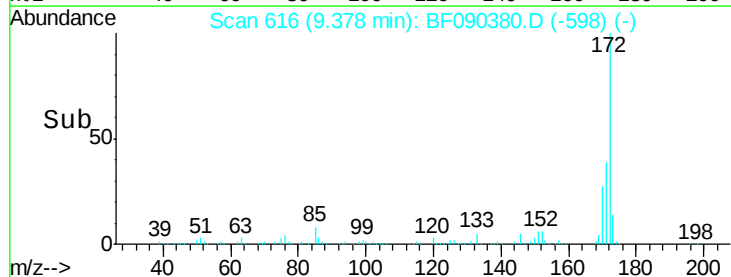
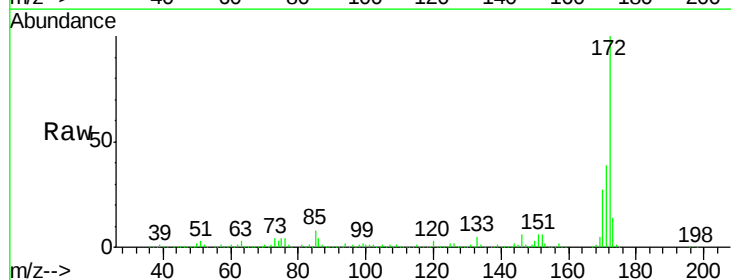
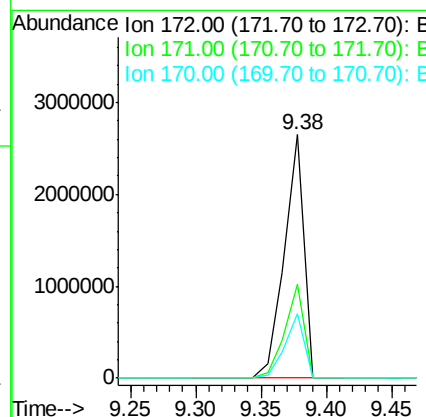
Manual Integrations
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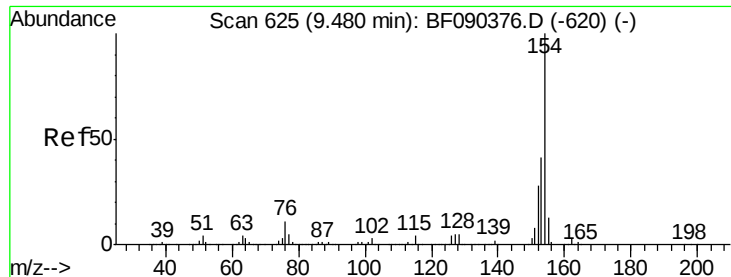
SOHIL
 10/6/2016 5:27:24 PM



#44
 2-Fluorobiphenyl
 Concen: 89.06 ng
 RT: 9.38 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:	172	Resp:	2715088
Ion Ratio	Lower	Upper	
172	100		
171	38.6	31.8	47.8
170	26.6	21.7	32.5





#45

1,1'-Biphenyl

Concen: 42.77 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:154 Resp: 1609910

Ion Ratio Lower Upper

154 100

153 41.2 23.8 63.8

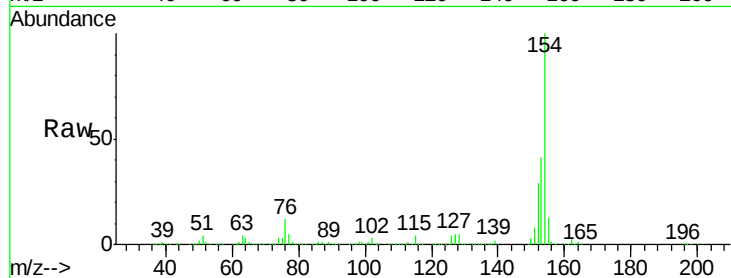
76 11.9 0.0 35.8

Manual Integrations

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SOHIL

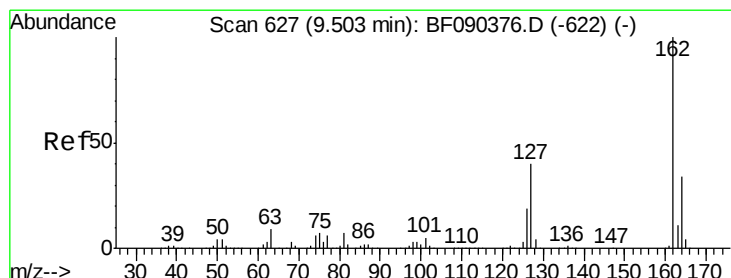
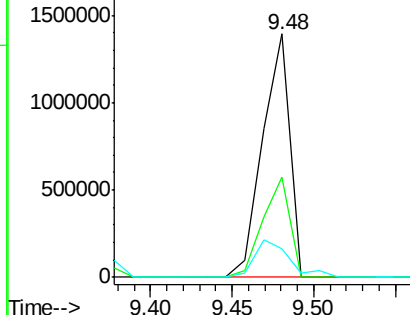
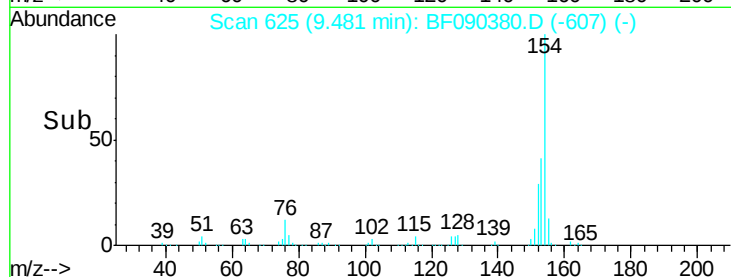
10/6/2016 5:27:24 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.94 ng

RT: 9.50 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

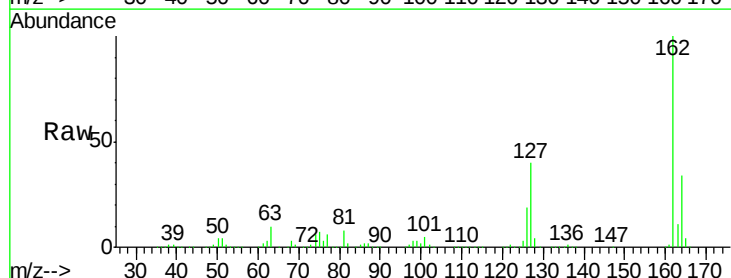
Tgt Ion:162 Resp: 1277610

Ion Ratio Lower Upper

162 100

127 40.5 35.6 53.4

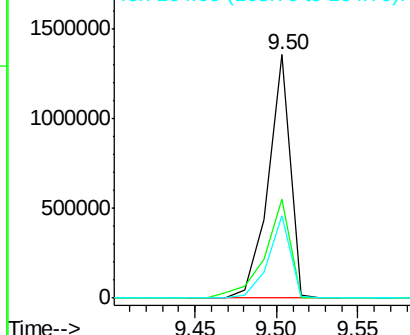
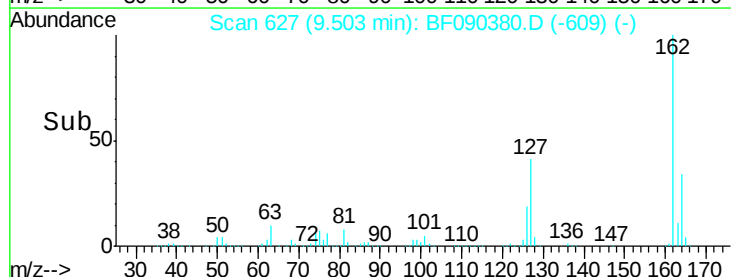
164 34.0 27.5 41.3

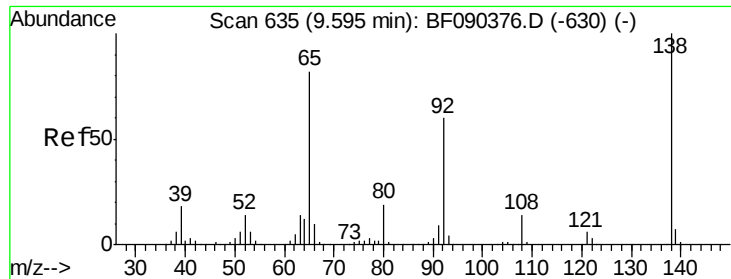


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





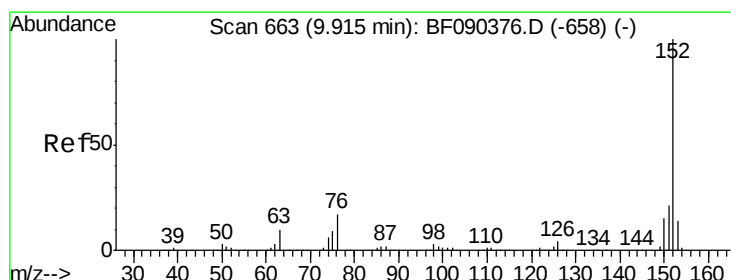
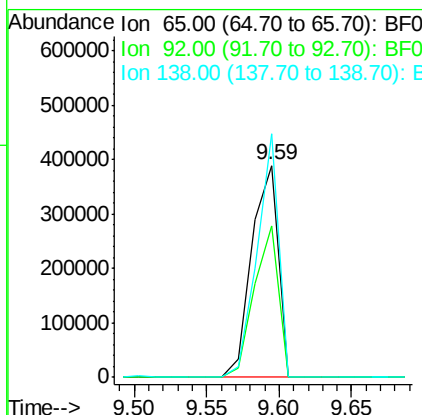
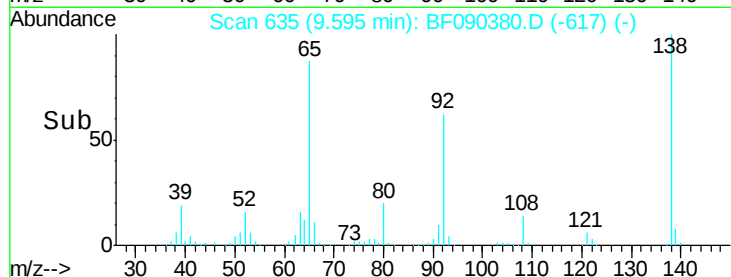
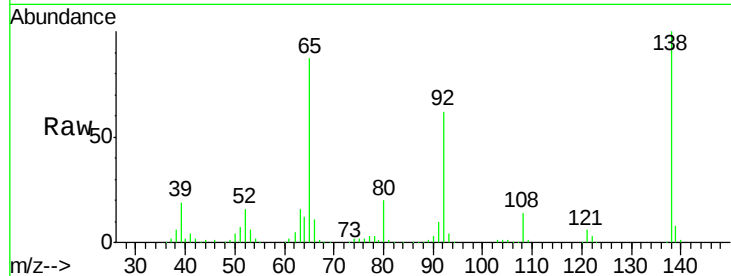
#47
 2-Nitroaniline
 Concen: 44.80 ng
 RT: 9.59 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	51.7	77.5
138	114.9	79.0	118.4

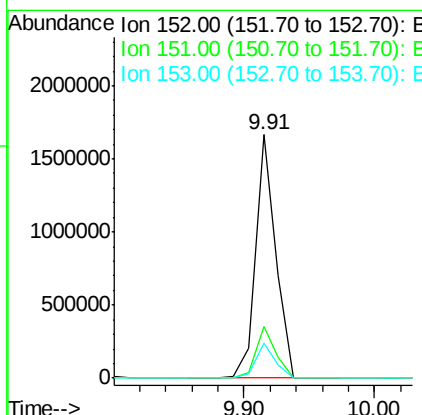
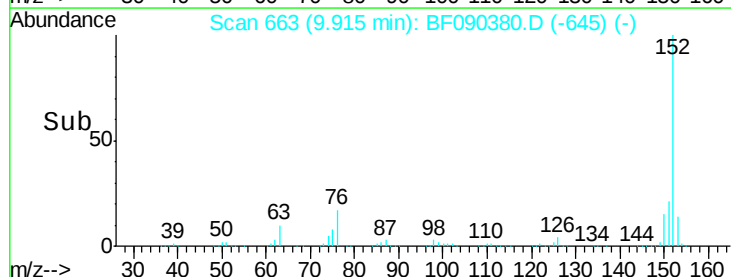
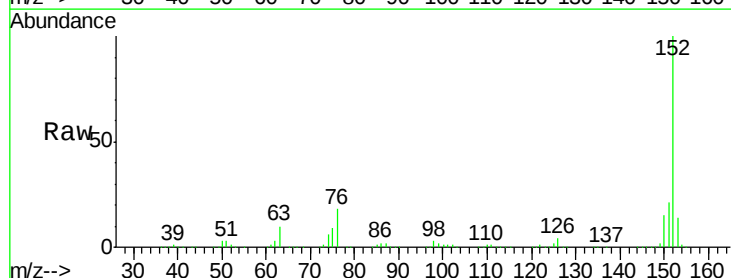
Manual Integrations
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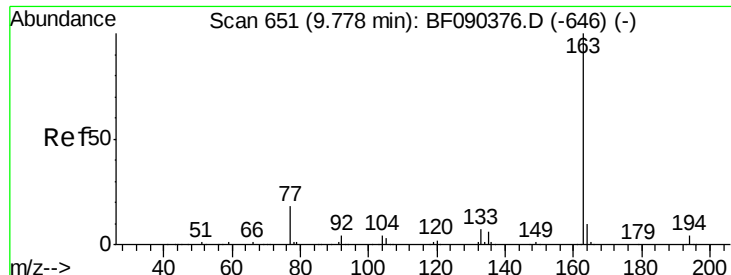
SOHIL
 10/6/2016 5:27:24 PM



#48
 Acenaphthylene
 Concen: 38.74 ng
 RT: 9.91 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.0
153	14.2	11.6	17.4





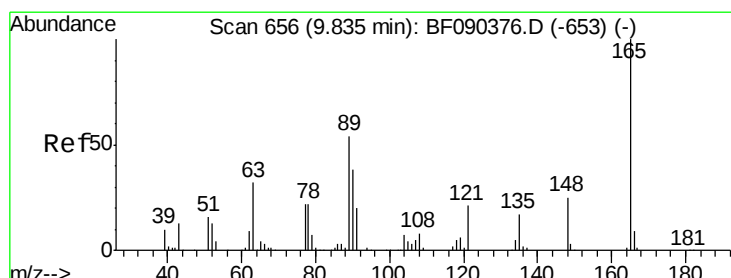
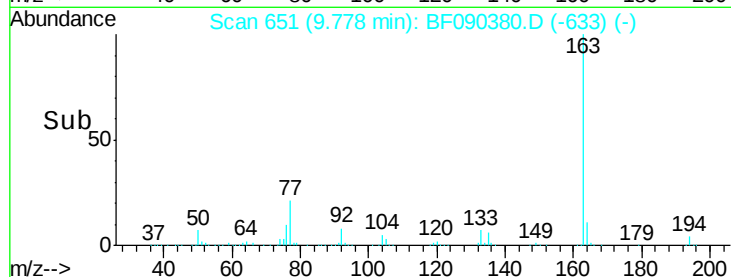
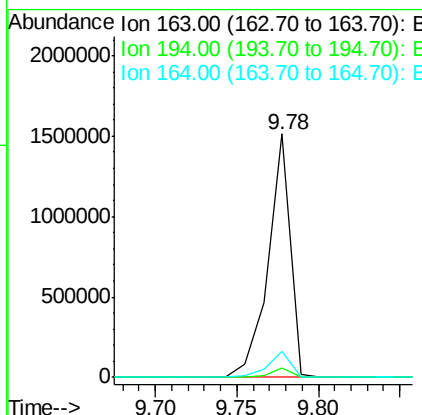
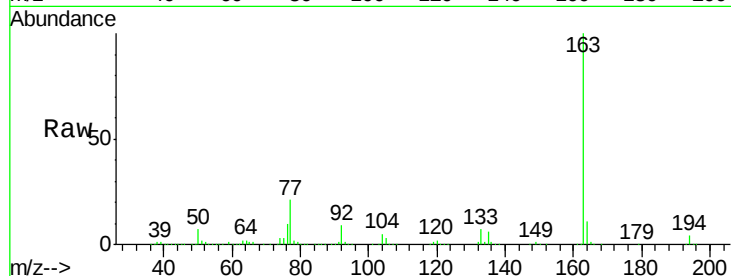
#49
Dimethylphthalate
Concen: 43.87 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion:163 Resp: 1427032
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 9.0 13.4

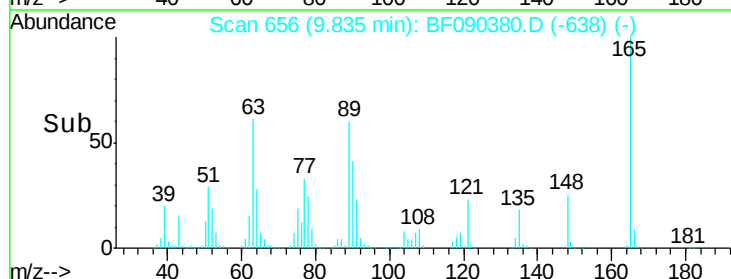
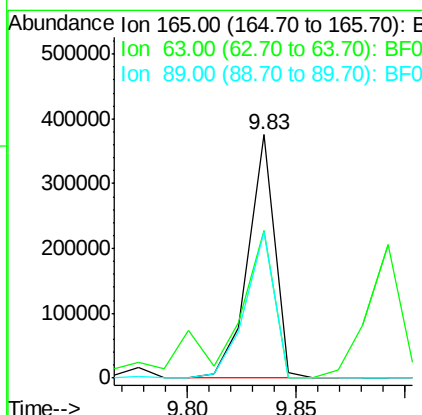
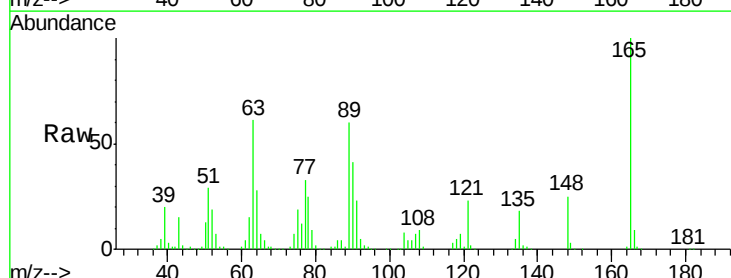
Manual Integrations
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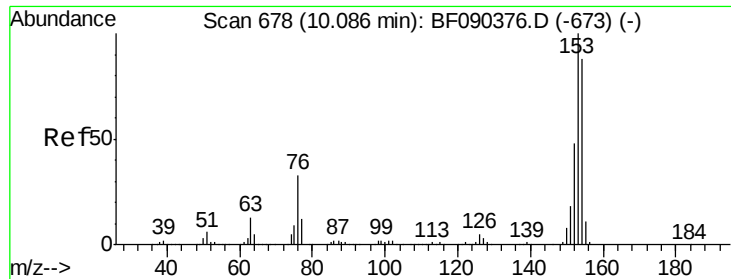
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#50
2,6-Dinitrotoluene
Concen: 44.29 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:165 Resp: 319910
Ion Ratio Lower Upper
165 100
63 60.7 58.0 87.0
89 60.1 51.2 76.8





#51

Acenaphthene

Concen: 40.50 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampled :

ICVBF100516

Tot Ion:154 Resp: 1158888

Ion Ratio Lower Upper

154 100

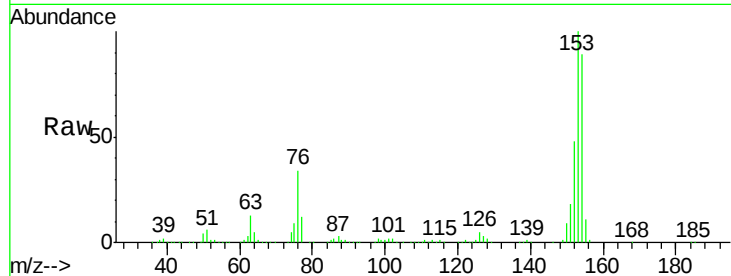
153 113.0 88.6 133.0

152 54.3 42.6 64.0

Manual Integrations
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SOHIL

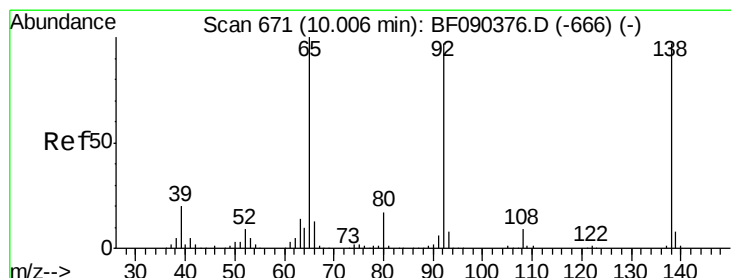
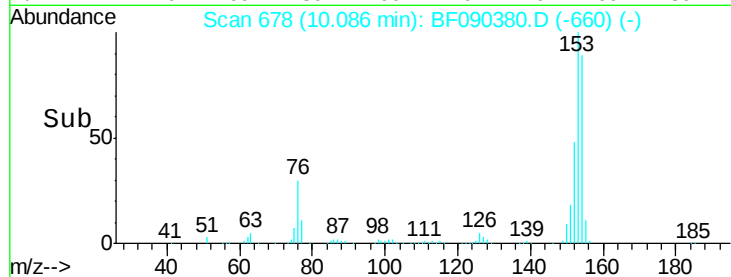
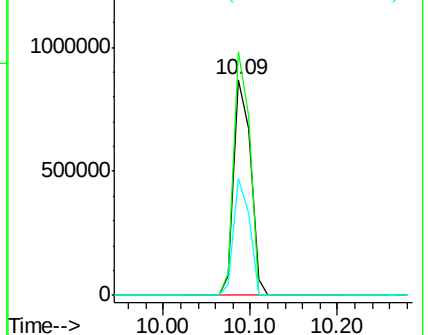
10/6/2016 5:27:24 PM



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: 47.96 ng m

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

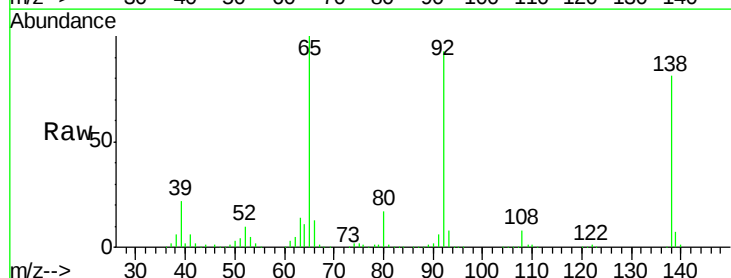
Tgt Ion:138 Resp: 404655

Ion Ratio Lower Upper

138 100

108 9.8 9.7 14.5

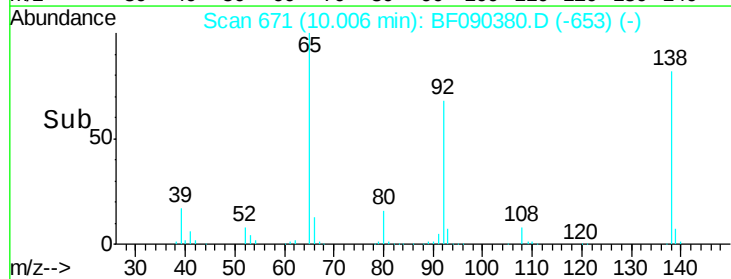
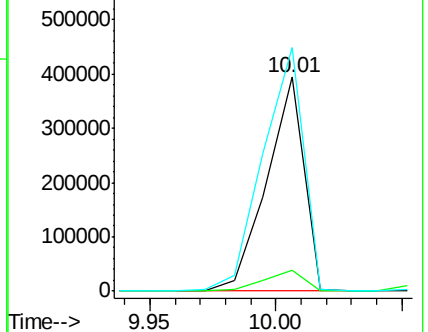
92 113.8 97.1 145.7

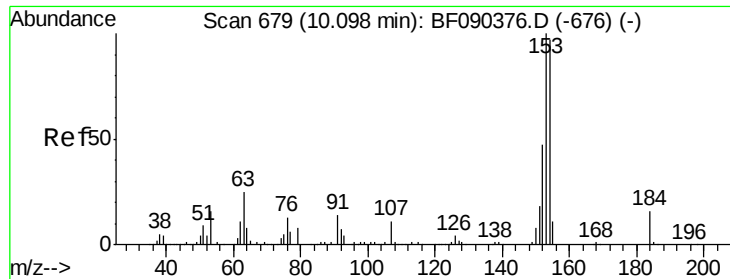


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 45.14 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:184 Resp: 145345

Ion Ratio Lower Upper

184 100

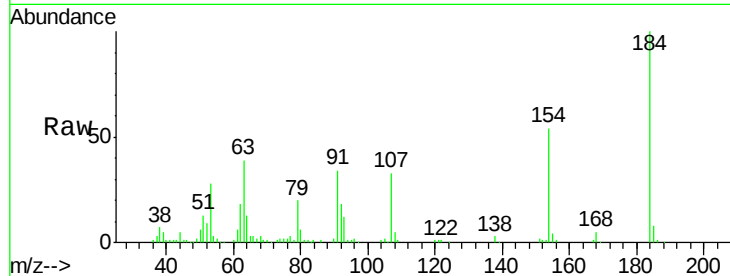
63 38.7 41.9 62.9#

154 54.0 48.9 73.3

Manual Integrations
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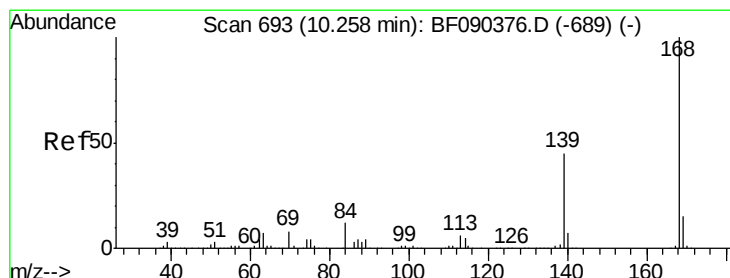
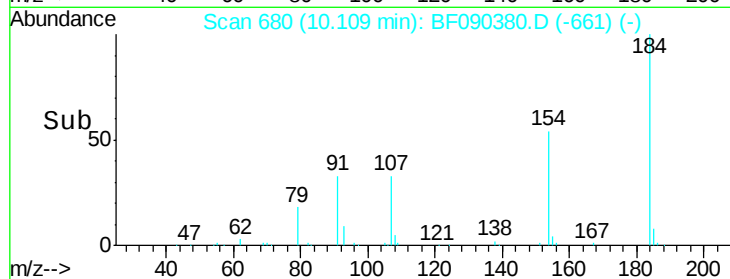
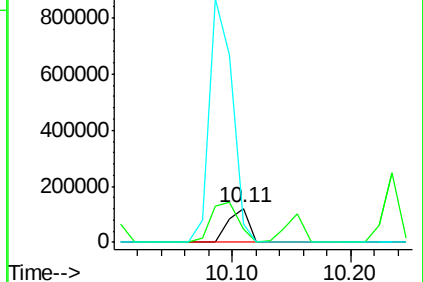
10/6/2016 5:27:24 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.43 ng

RT: 10.26 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:168 Resp: 1460192

Ion Ratio Lower Upper

168 100

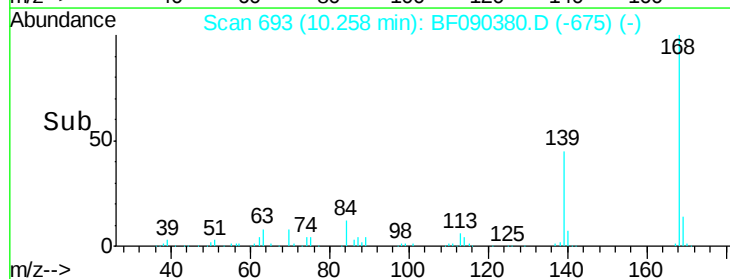
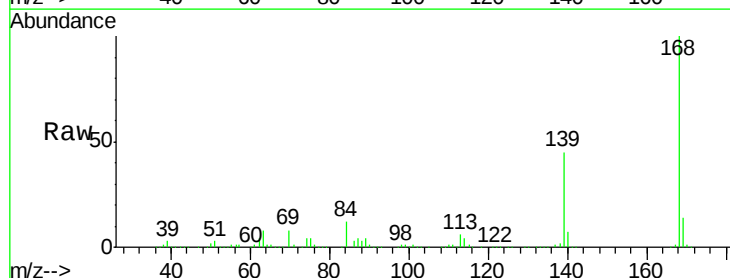
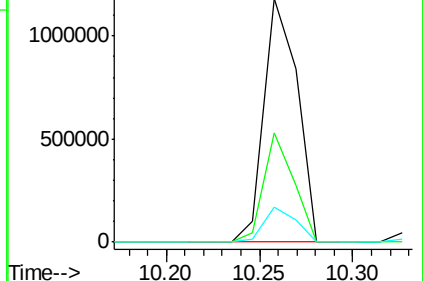
139 45.0 29.6 44.4#

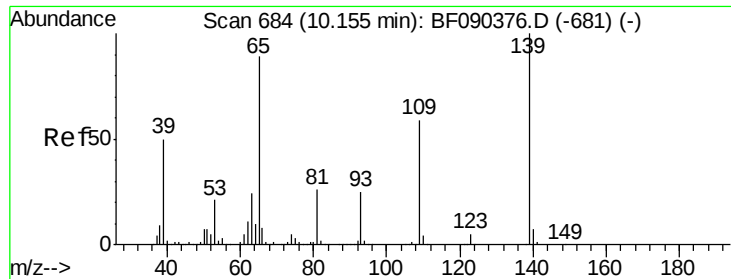
169 14.3 11.3 16.9

Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





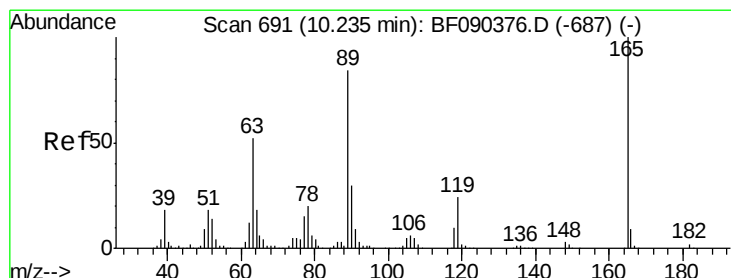
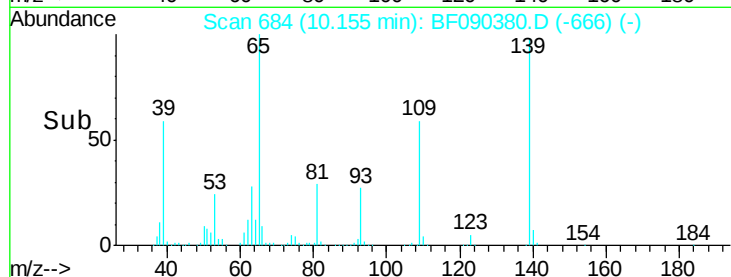
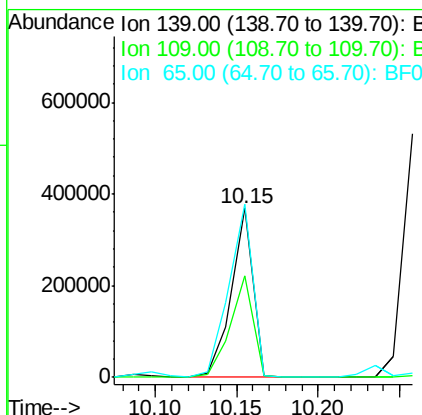
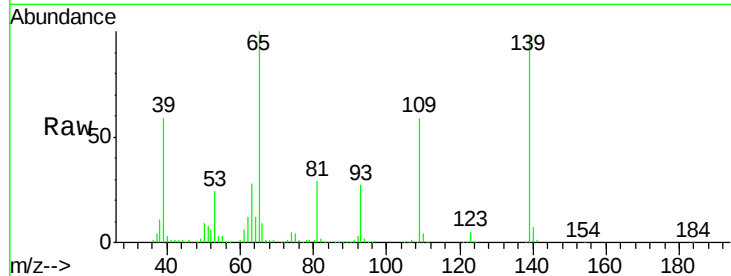
#55
4-Nitrophenol
Concen: 45.75 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.4	43.6	83.6	
65	102.4	87.5	127.5	

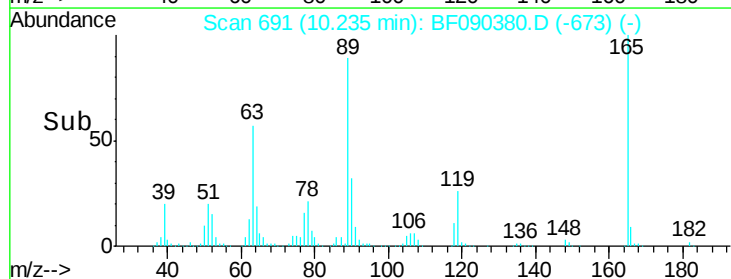
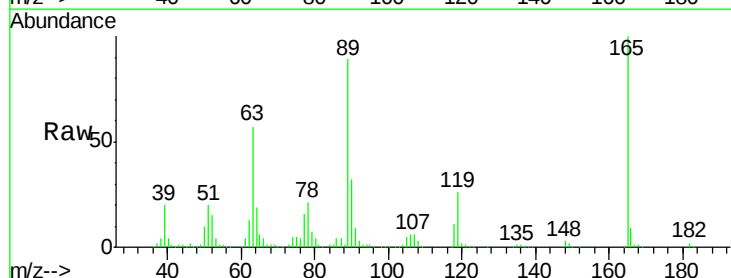
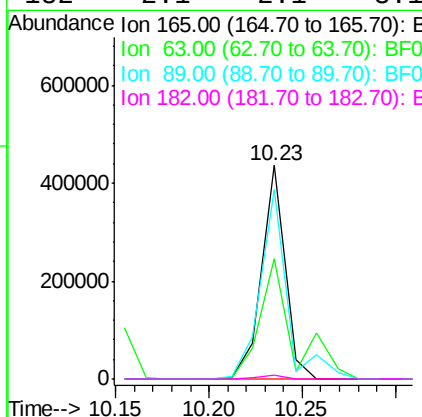
Manual Integrations
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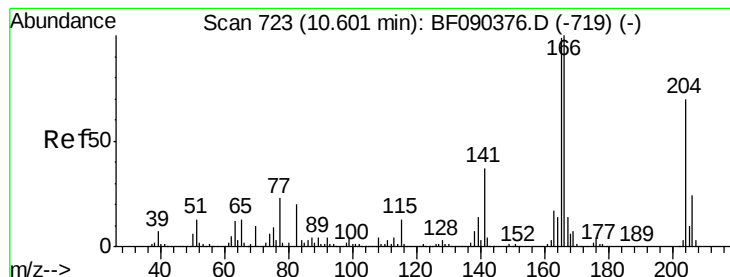
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#56
2,4-Dinitrotoluene
Concen: 39.36 ng
RT: 10.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.5	17.8	26.6#	
89	88.6	33.2	49.8#	
182	2.1	2.1	3.1	





#57

Fluorene

Concen: 42.29 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampled :

ICVBF100516

Tot Ion:166 Resp: 1316314

Ion Ratio Lower Upper

166 100

165 99.3 79.2 118.8

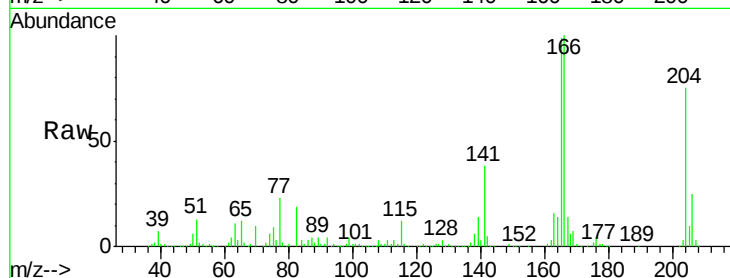
167 14.4 11.1 16.7

Manual Integrations

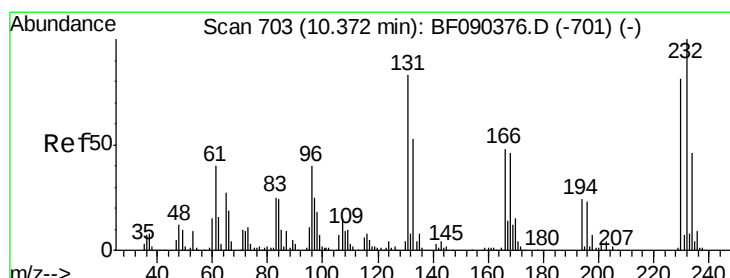
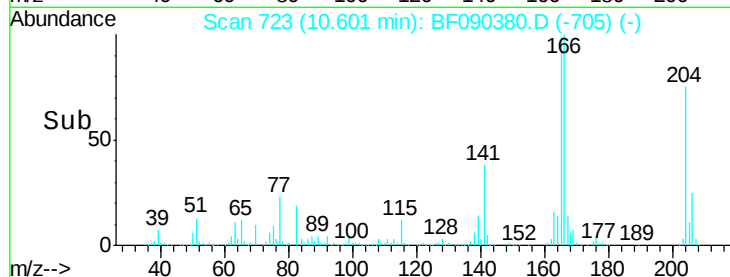
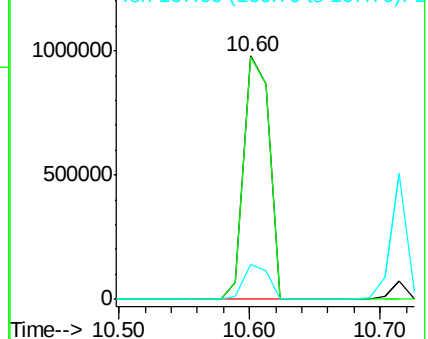
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SOHIL

10/6/2016 5:27:24 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.67 ng m

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:232 Resp: 252340

Ion Ratio Lower Upper

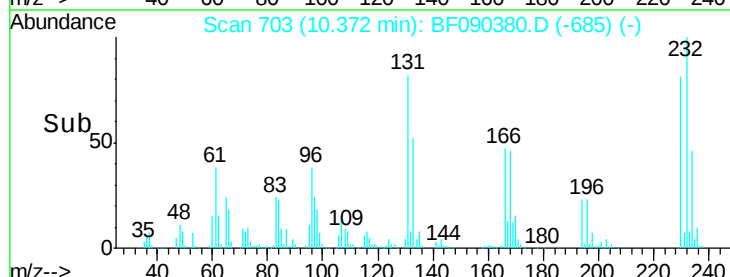
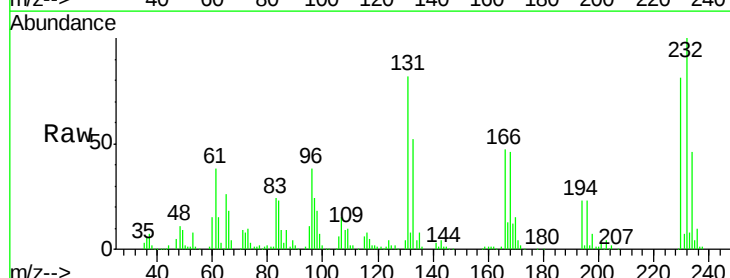
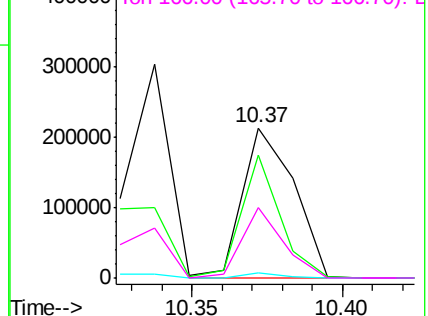
232 100

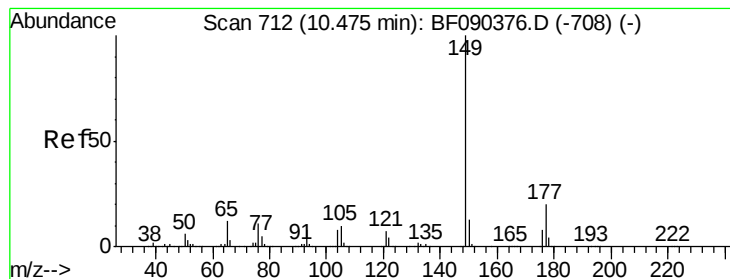
131 55.5 34.5 51.7#

130 2.6 1.6 2.4#

166 33.0 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: 40.59 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:149 Resp: 1366238

Ion Ratio Lower Upper

149 100

177 21.4 21.1 31.7

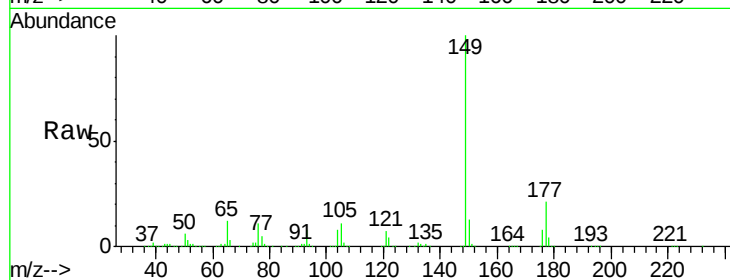
150 12.9 10.2 15.2

Manual Integrations

APPROVED

SOHIL

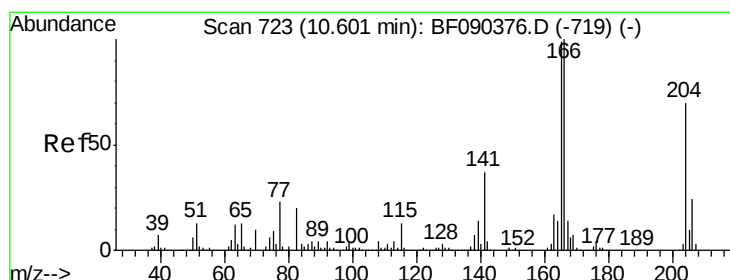
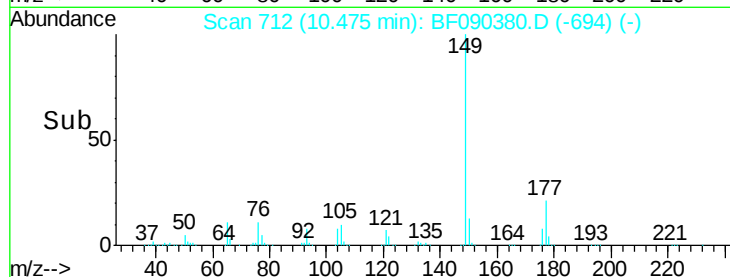
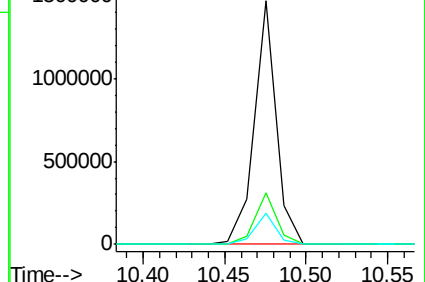
10/6/2016 5:27:24 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.41 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

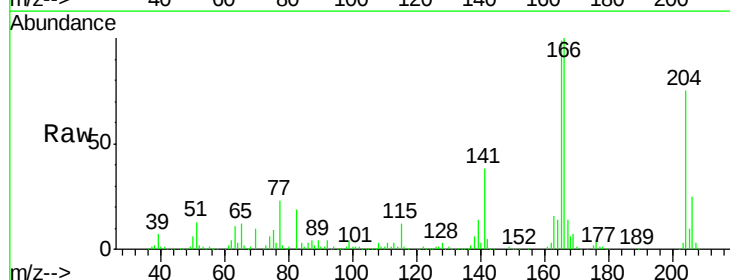
Tgt Ion:204 Resp: 656767

Ion Ratio Lower Upper

204 100

206 33.6 26.7 40.1

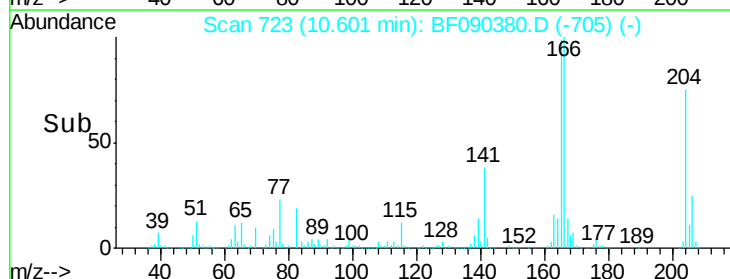
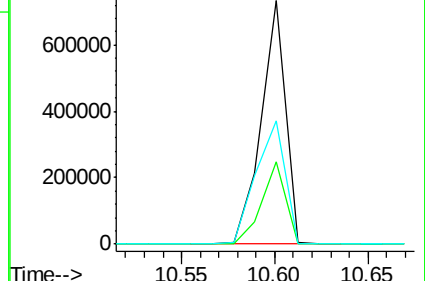
141 50.6 51.7 77.5#

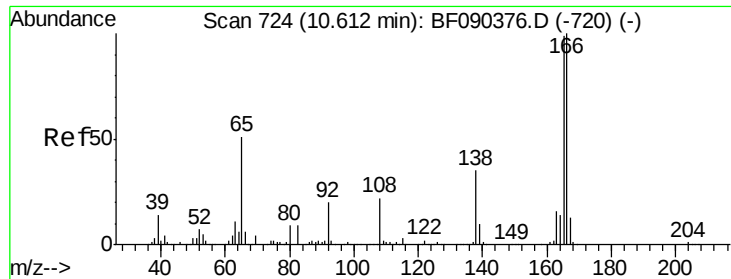


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





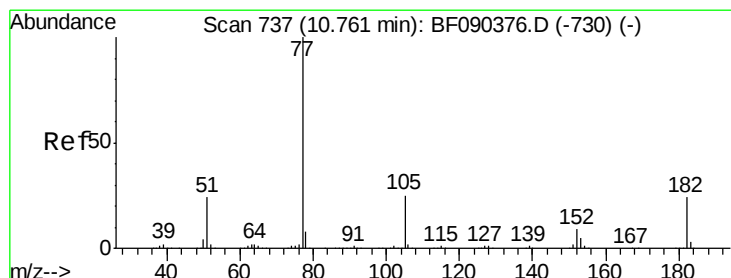
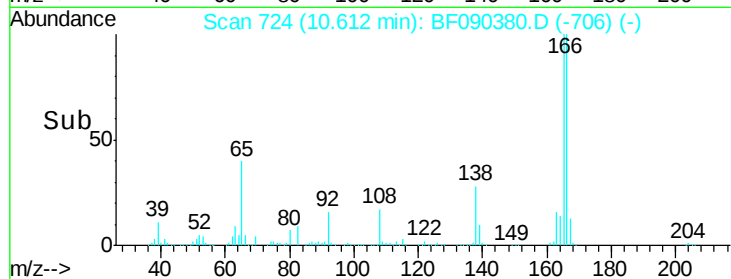
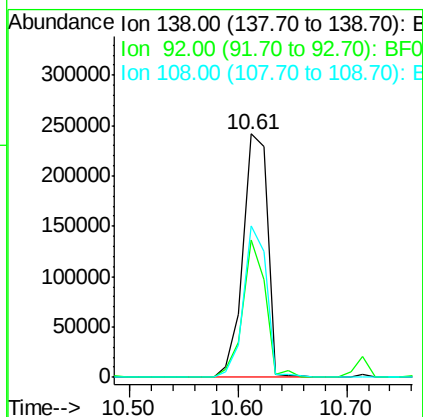
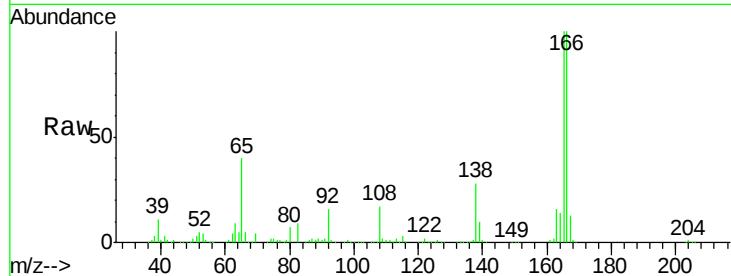
#61
4-Nitroaniline
Concen: 44.63 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Resp	Lower	Upper
138	100	379367		
92	56.4	33.2	73.2	
108	62.1	48.5	88.5	

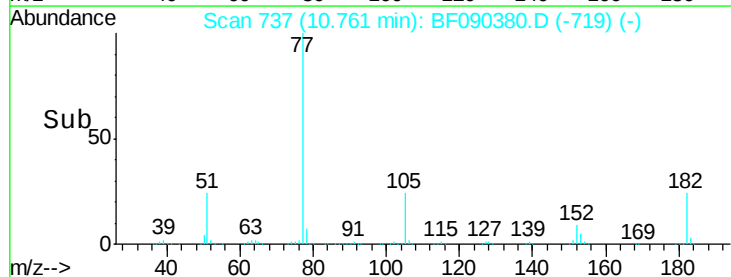
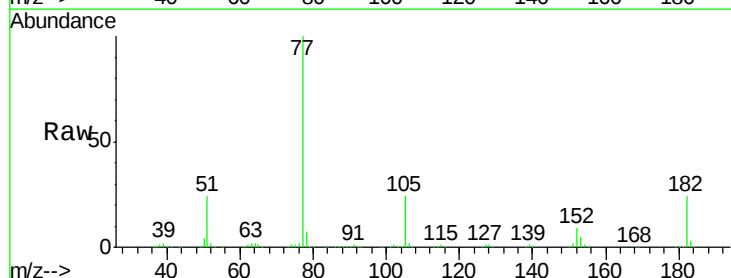
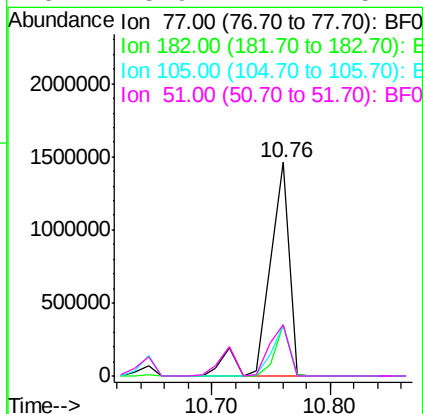
Manual Integrations
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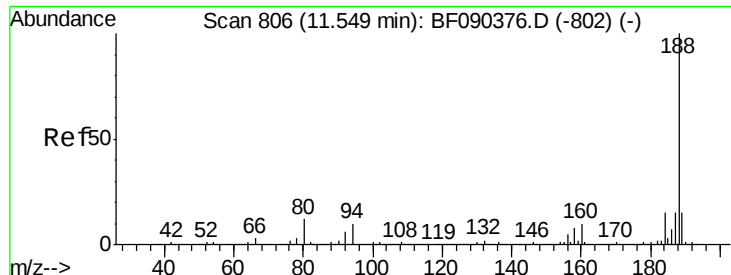
SOHIL
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#62
Azobenzene
Concen: 44.79 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1741139		
182	24.0	3.2	43.2	
105	24.1	2.9	42.9	
51	23.9	14.2	54.2	





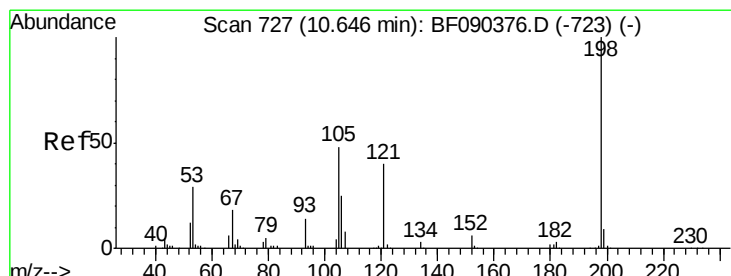
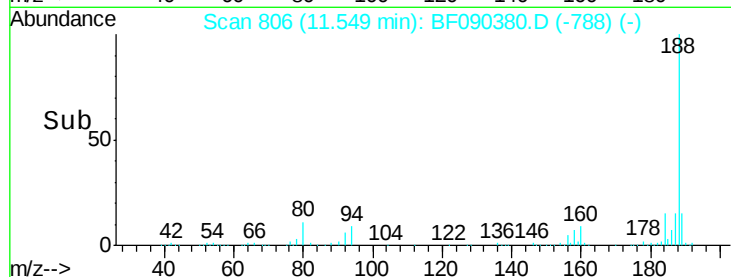
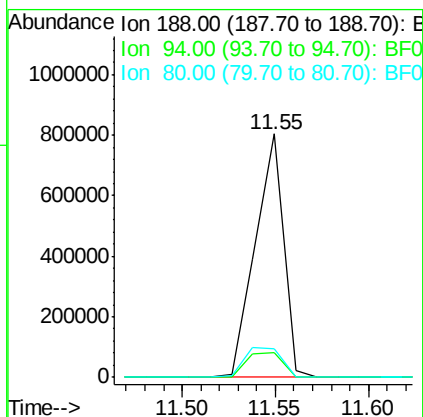
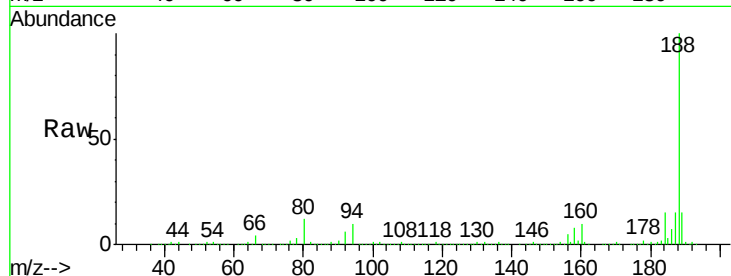
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Resp	Lower	Upper
188	100	843833		
94	10.0		8.2	12.2
80	11.7		8.8	13.2

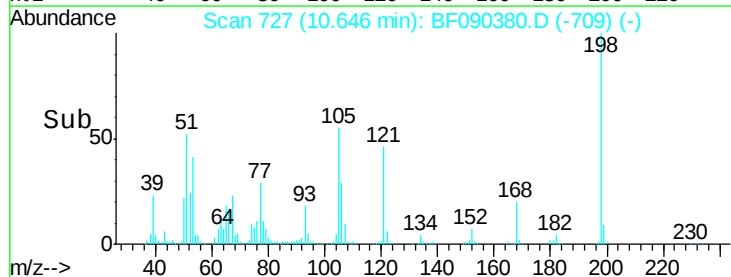
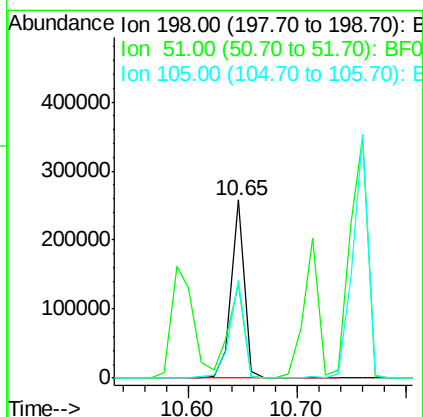
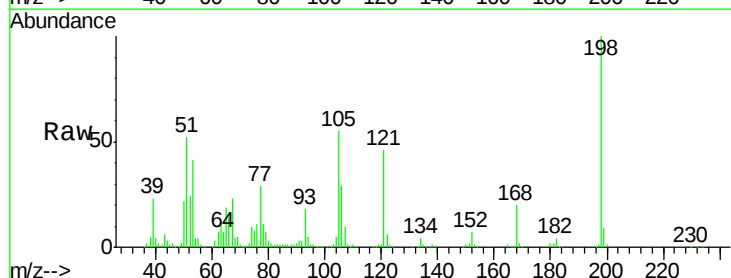
Manual Integrations
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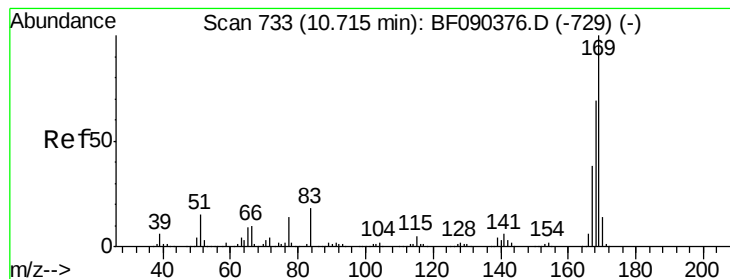
SOHIL
10/6/2016 5:27:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	215340		
51	52.4		67.3	107.3#
105	54.7		42.6	82.6





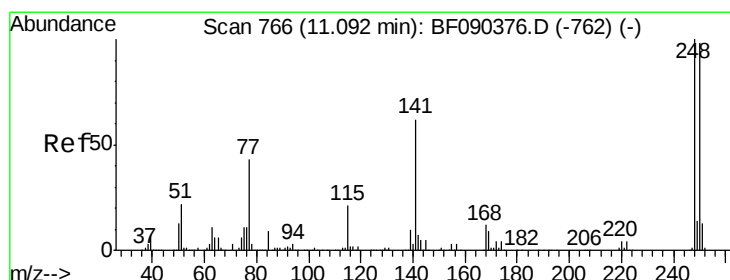
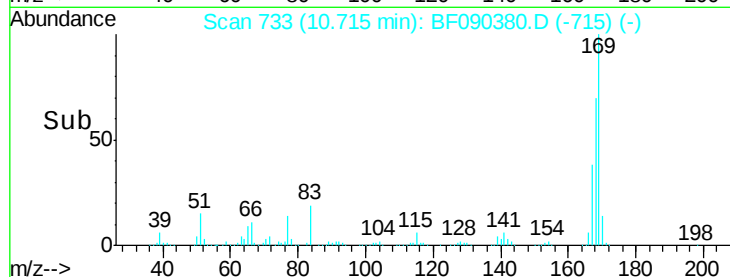
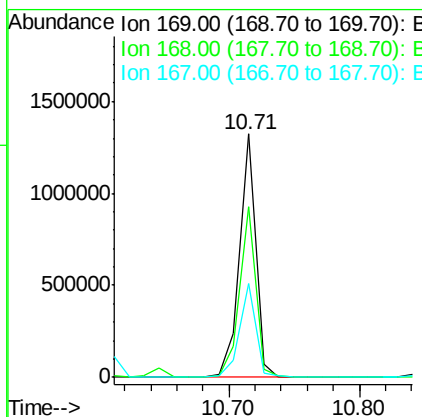
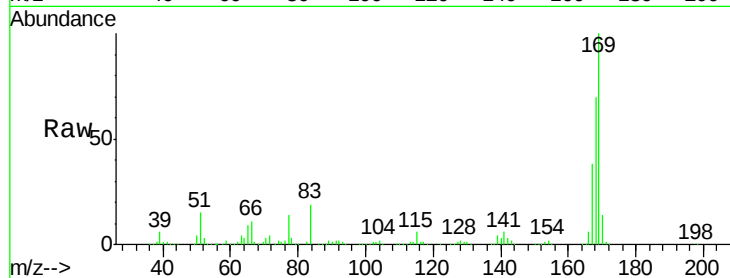
#65
n-Nitrosodiphenylamine
Concen: 40.08 ng
RT: 10.71 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion:169 Resp: 1133460
Ion Ratio Lower Upper
169 100
168 70.0 53.8 80.6
167 38.4 29.8 44.8

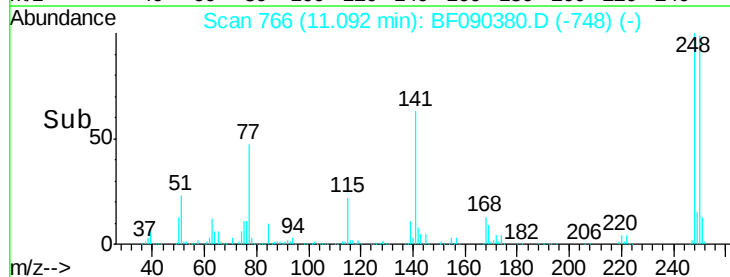
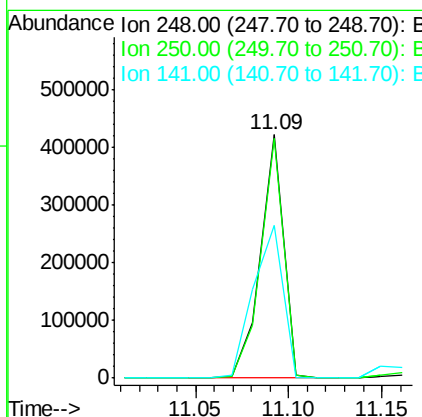
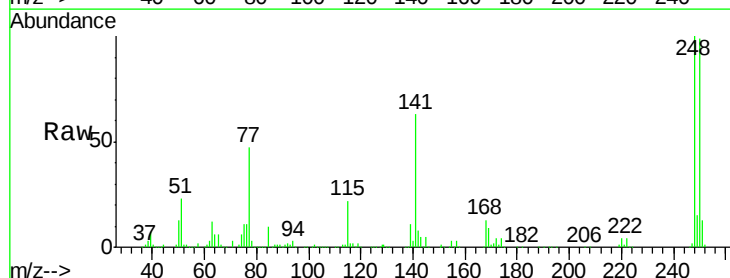
Manual Integrations
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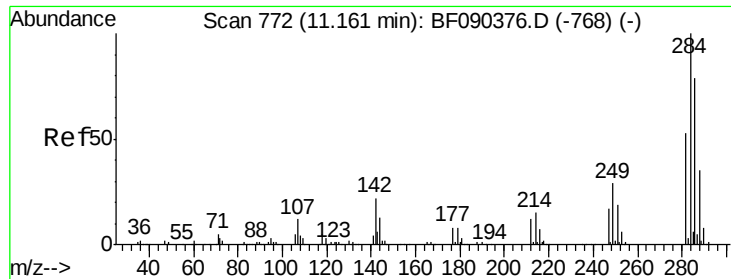
SOHIL
10/6/2016 5:27:24 PM



#66
4-Bromophenyl-phenylether
Concen: 43.72 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:248 Resp: 361616
Ion Ratio Lower Upper
248 100
250 98.7 76.5 114.7
141 63.0 59.8 89.6





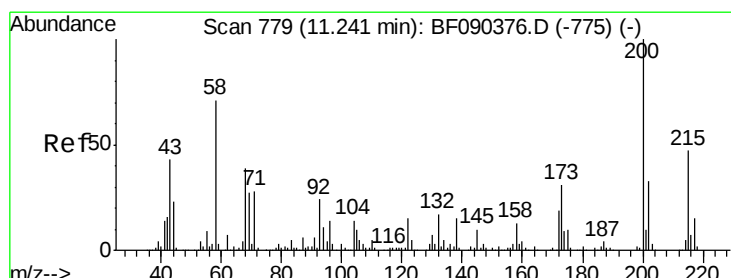
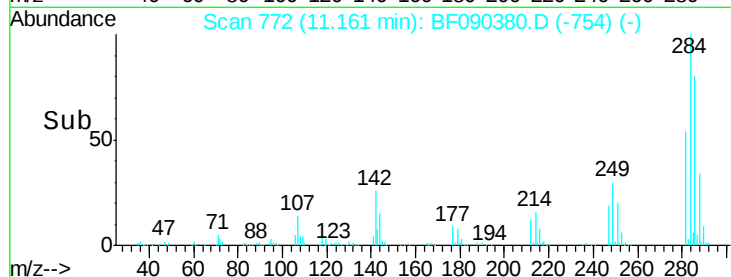
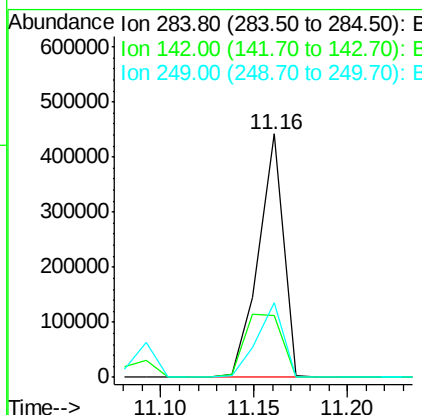
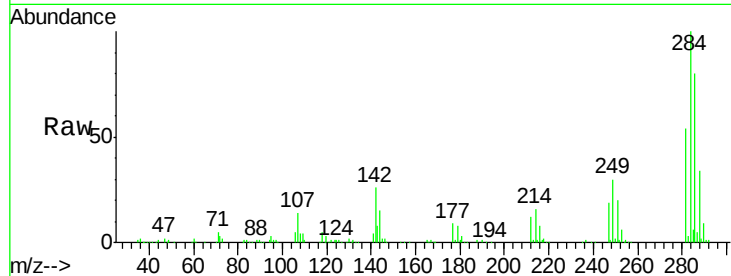
#67
Hexachlorobenzene
Concen: 44.38 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.5	23.1	34.7	
249	30.5	26.3	39.5	

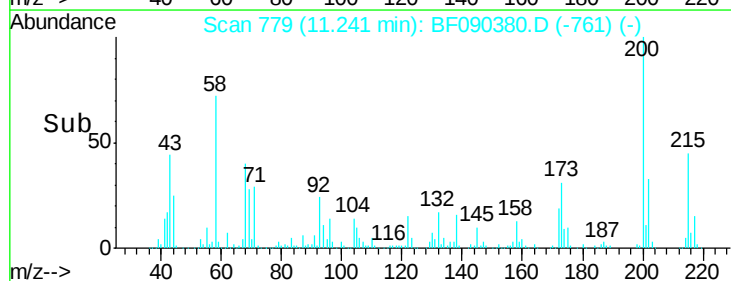
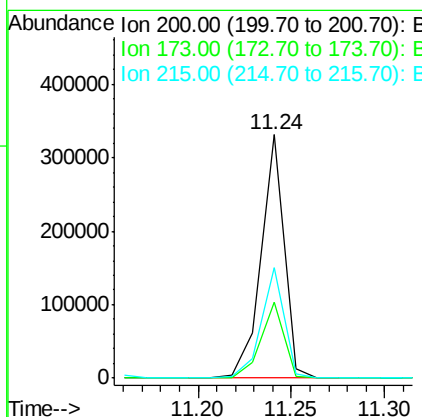
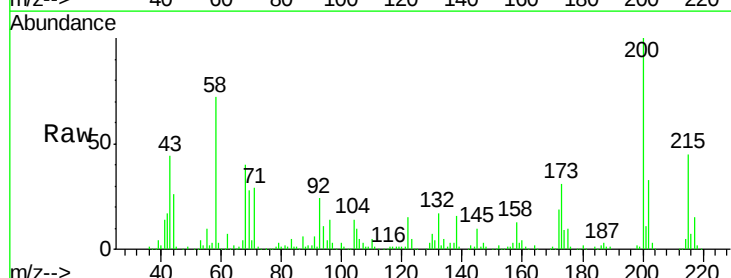
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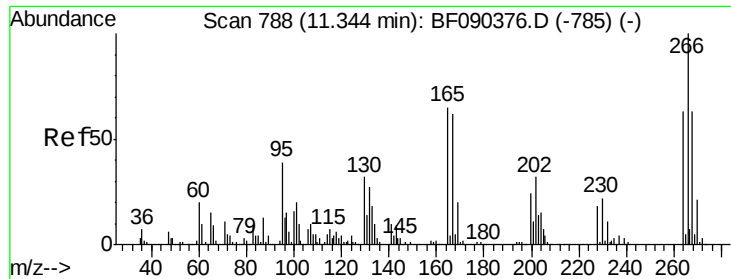
SOHIL
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#68
Atrazine
Concen: 40.20 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.0	9.0	49.0	
215	45.3	24.8	64.8	





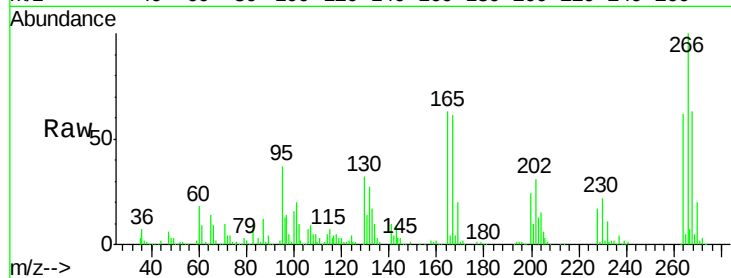
#69
 Pentachlorophenol
 Concen: 39.16 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.9	76.3
264	62.3	51.5	77.3

Manual Integrations
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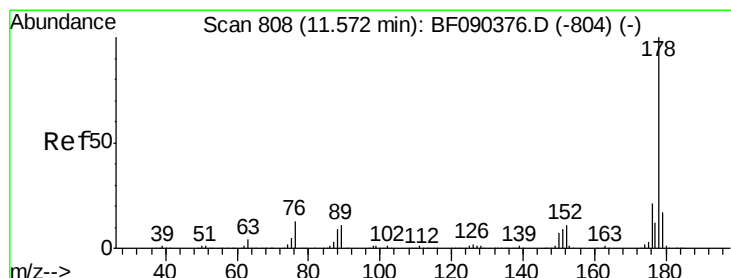
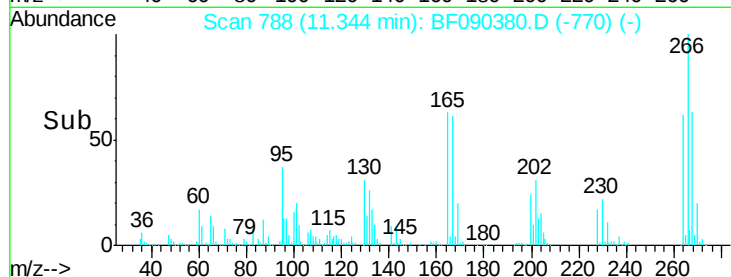
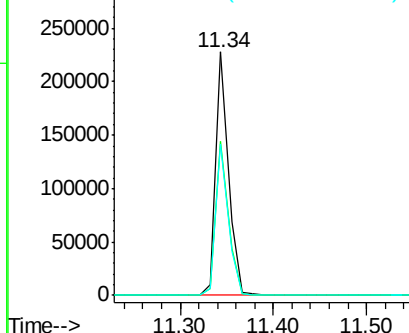


Abundance

Ion 265.70 (265.40 to 266.40): E

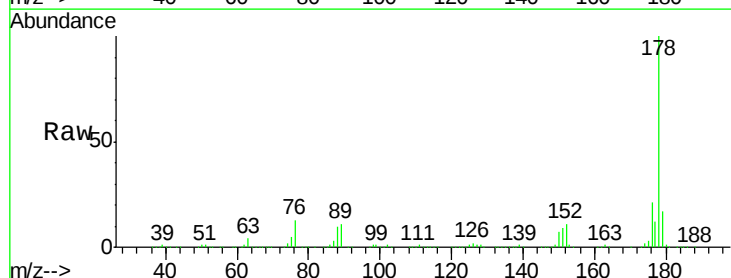
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.3	25.9
179	16.7	13.8	20.6

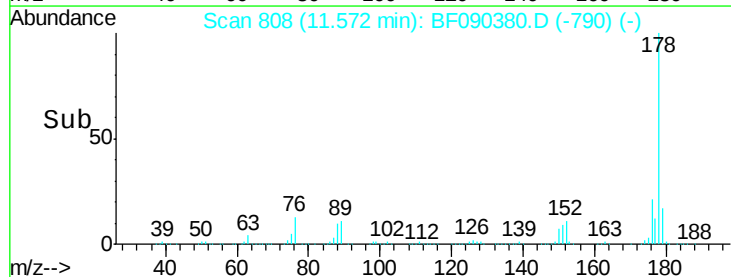
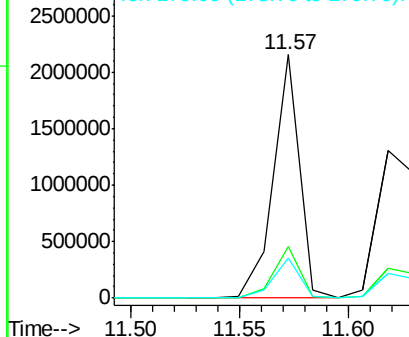


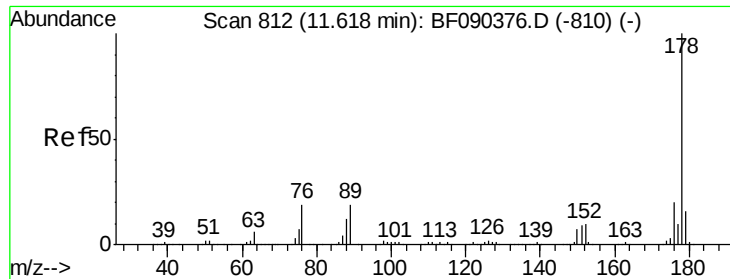
Abundance

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: 38.91 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

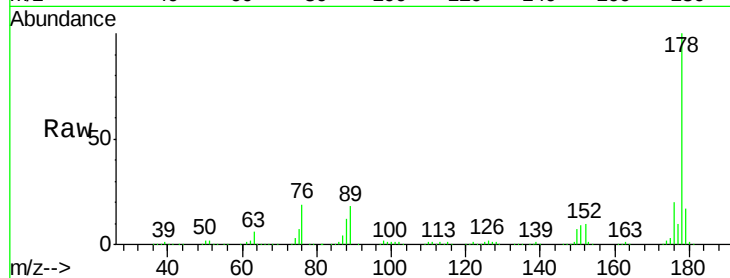
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion:178 Resp: 1716882

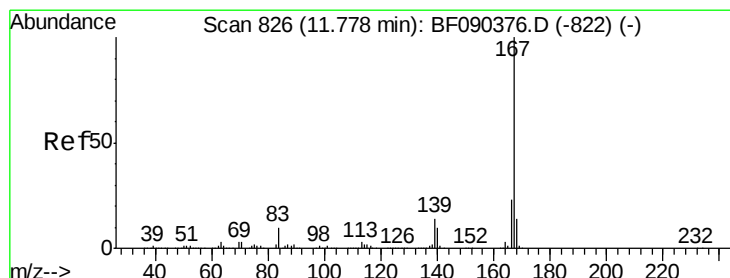
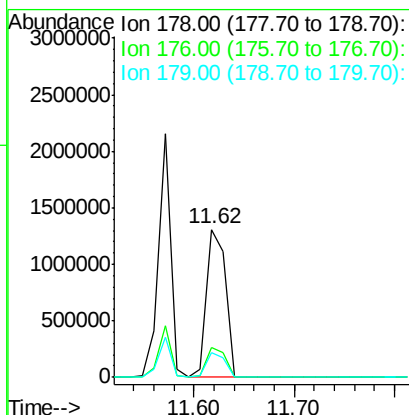
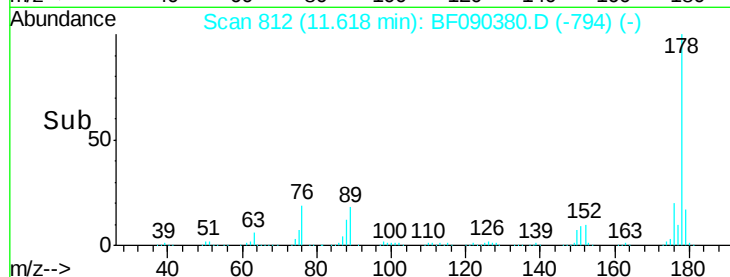
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	16.6	13.4	20.2

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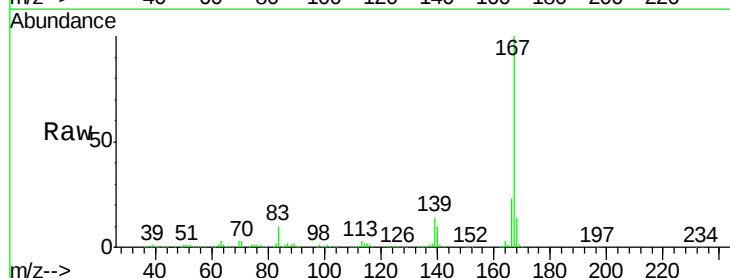
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



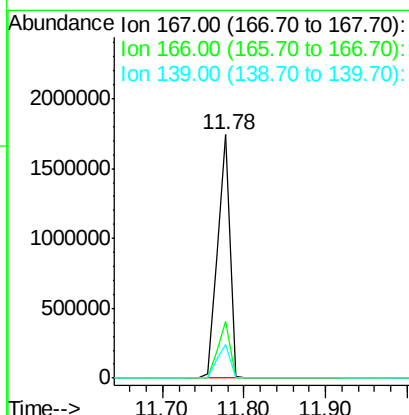
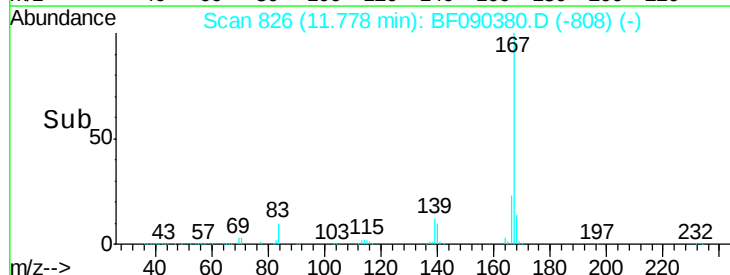
#72
 Carbazole
 Concen: 44.25 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

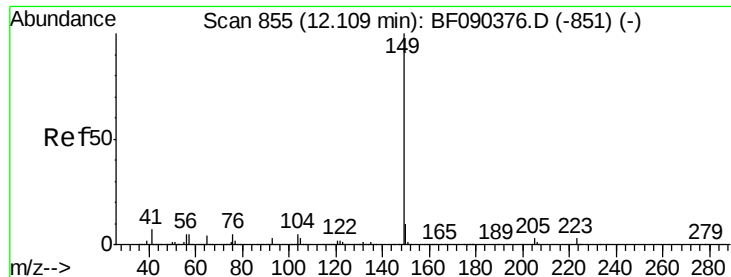
Tgt Ion:167 Resp: 1814147

Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.1	28.7
139	13.6	12.1	18.1



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





#73

Di-n-butylphthalate

Concen: 44.62 ng

RT: 12.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:149 Resp: 2226358

Ion Ratio Lower Upper

149 100

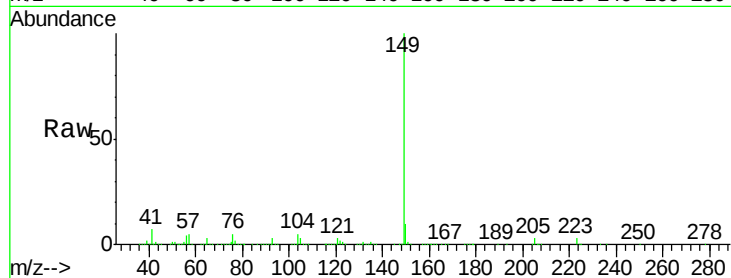
150 10.2 8.6 12.8

104 5.1 4.7 7.1

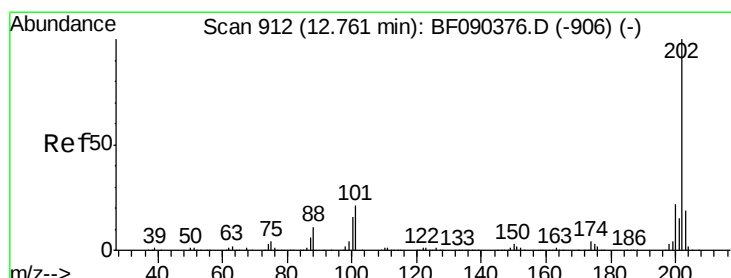
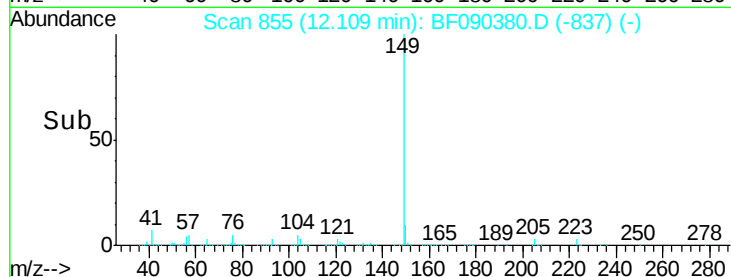
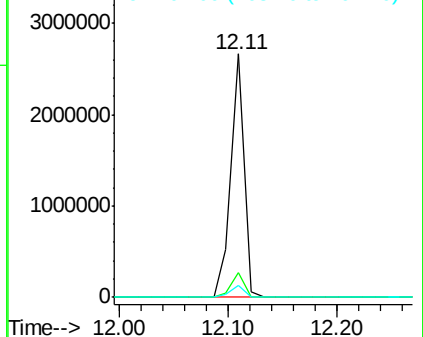
Manual Integrations
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10/6/2016 5:27:24 PM



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



#74

Fluoranthene

Concen: 36.96 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

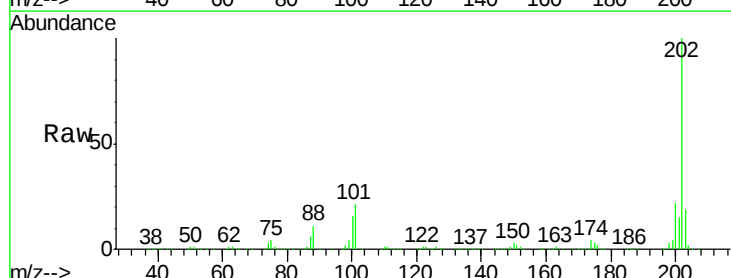
Tgt Ion:202 Resp: 1566274

Ion Ratio Lower Upper

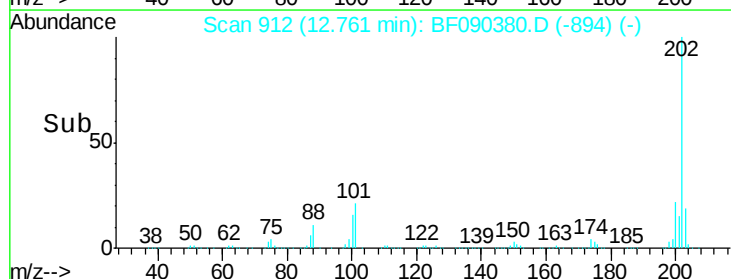
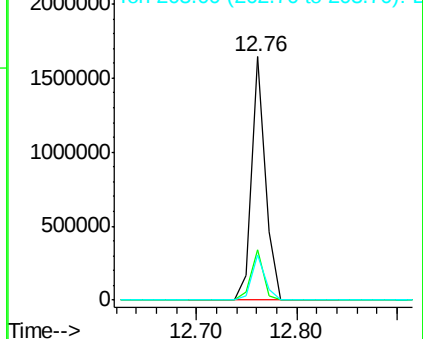
202 100

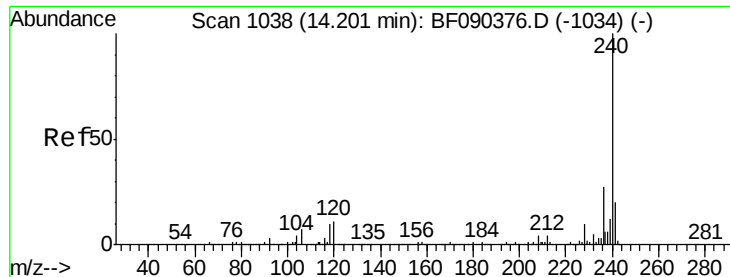
101 20.9 0.0 37.2

203 18.8 0.0 39.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

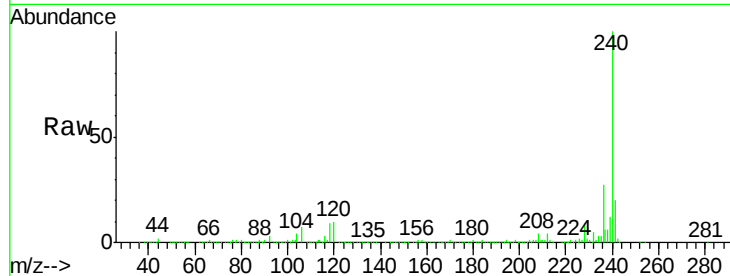
ClientSampleId :

ICVBF100516

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	27.2	21.6	32.4

Manual Integrations
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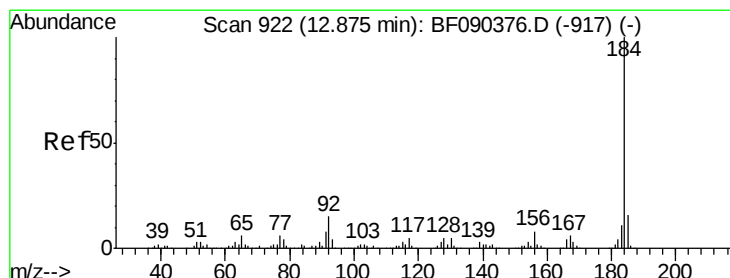
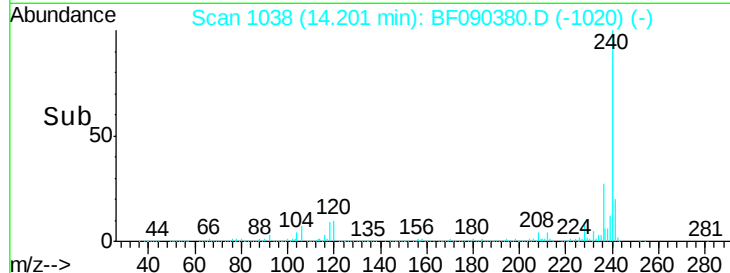
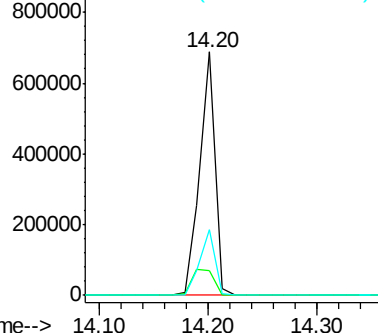
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.24 ng

RT: 12.88 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF090380.D

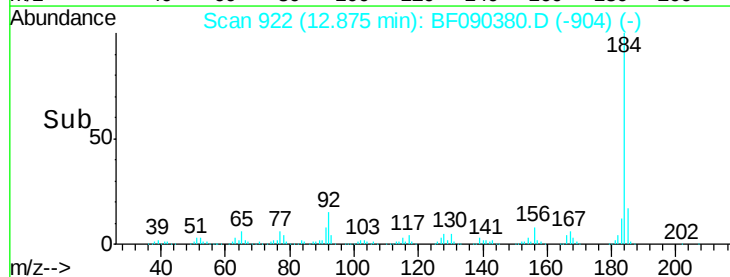
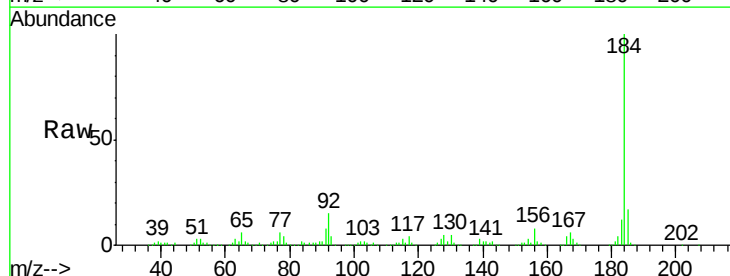
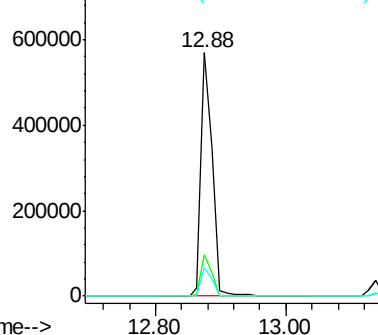
Acq: 5 Oct 2016 14:41

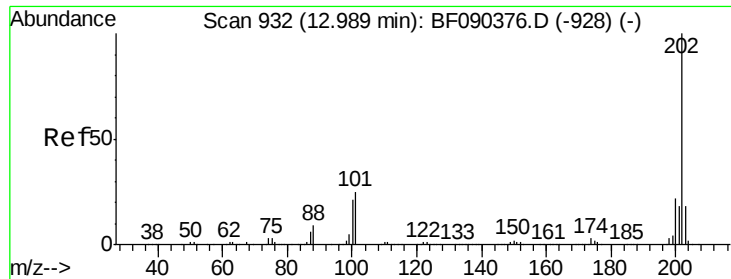
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.8	17.8
183	11.9	9.6	14.4

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





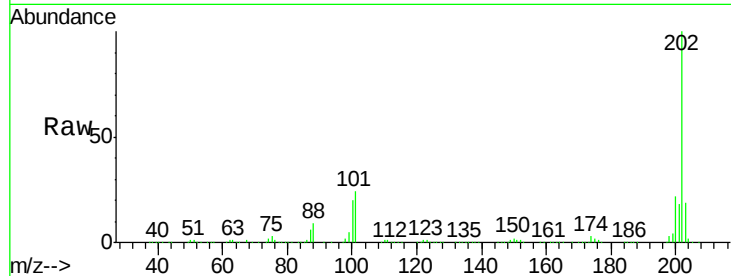
#77
Pvrene
Concen: 37.72 ng
RT: 12.99 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

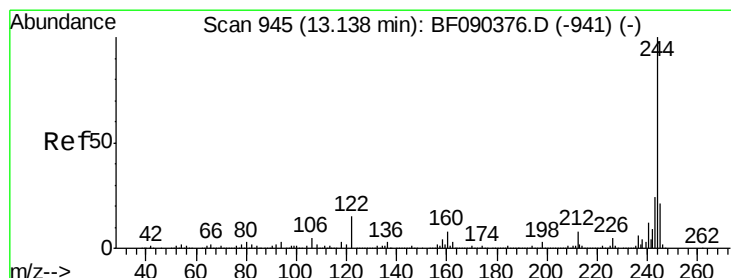
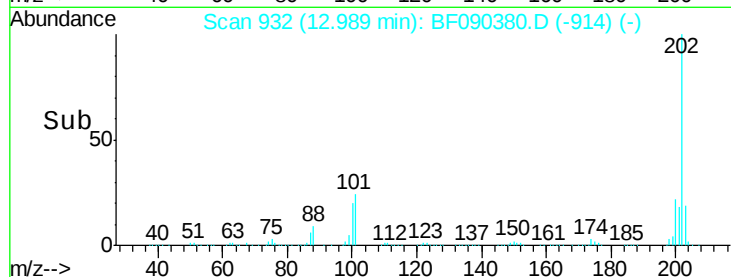
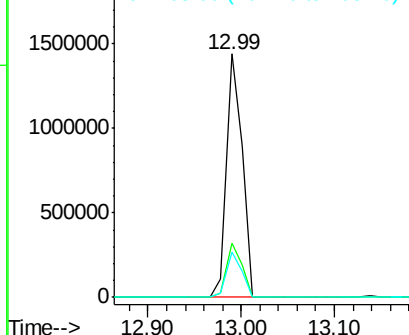
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.5	27.7
203	18.8	15.0	22.6

Manual Integrations
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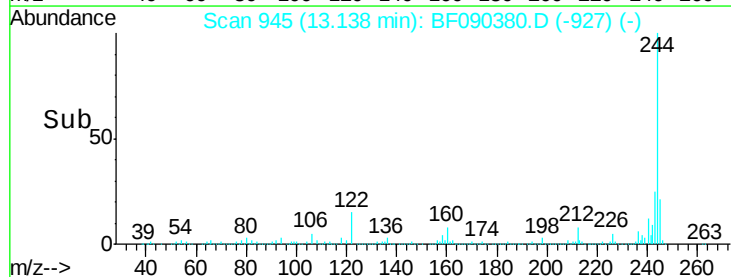
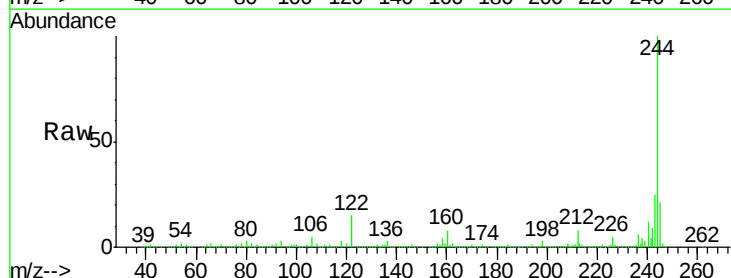
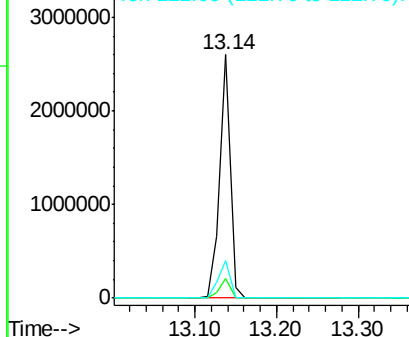
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

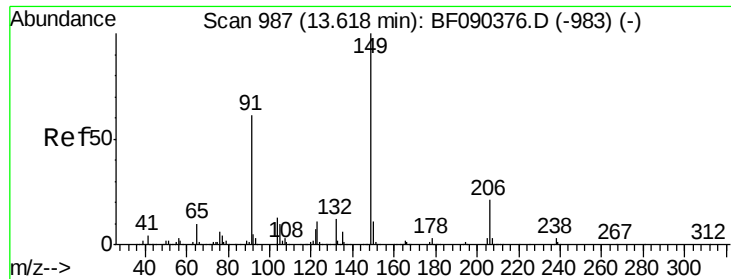


#78
Terphenyl-d14
Concen: 78.06 ng
RT: 13.14 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.2	13.3	19.9

Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.85 ng

RT: 13.62 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

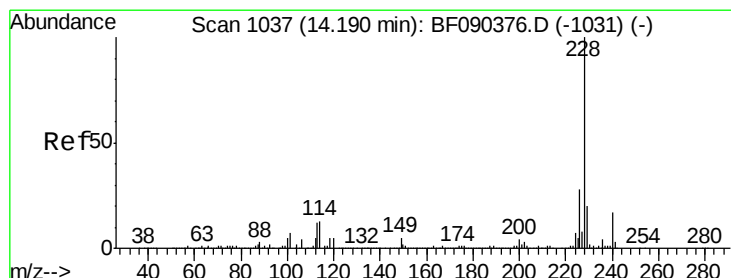
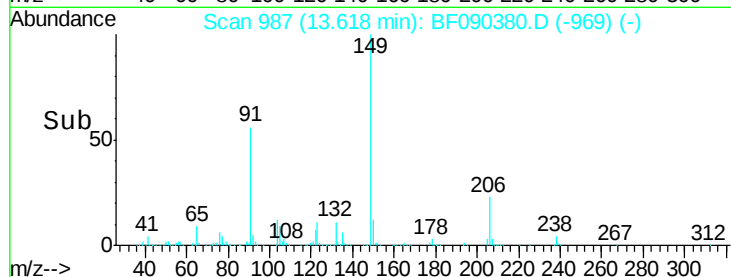
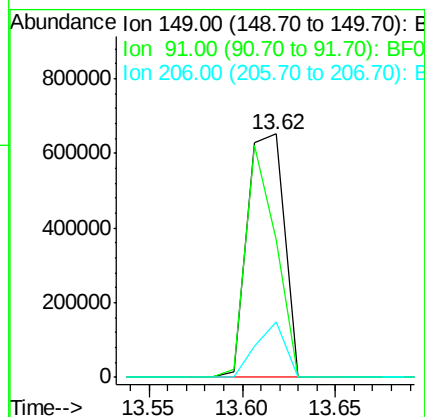
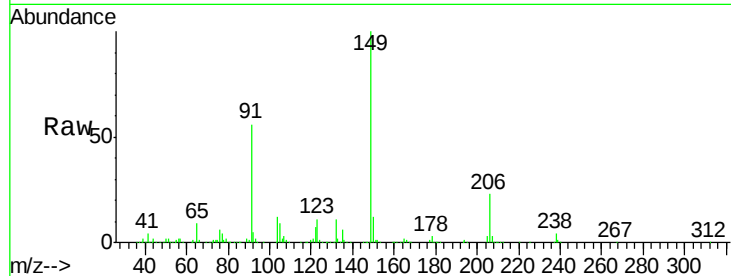
ClientSampleId :

ICVBF100516

Tot Ion:	149	Resp:	890937
Ion Ratio	Lower	Upper	
149	100		
91	56.4	51.8	77.8
206	22.6	18.0	27.0

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 41.28 ng

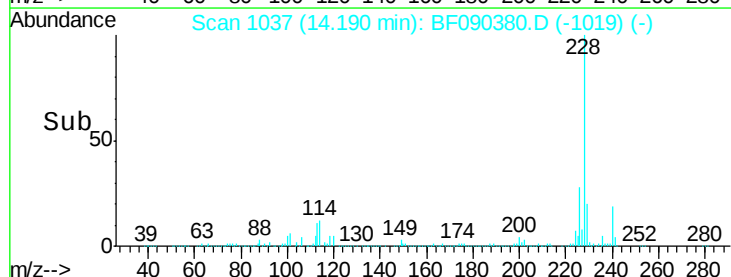
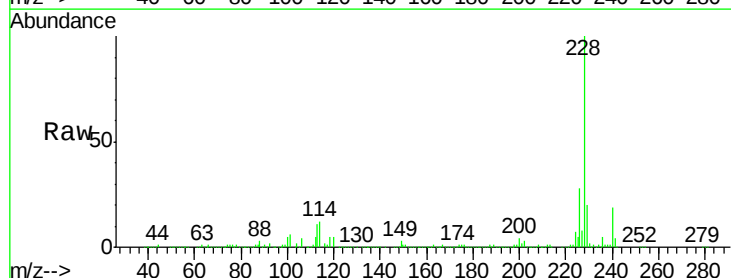
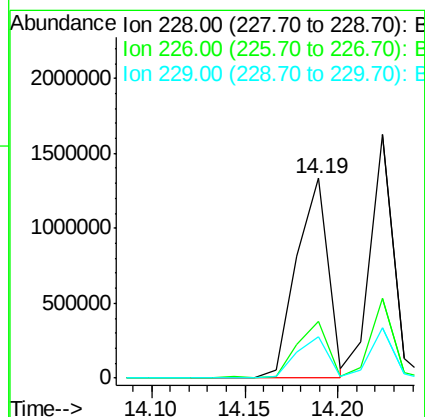
RT: 14.19 min Scan# 1037

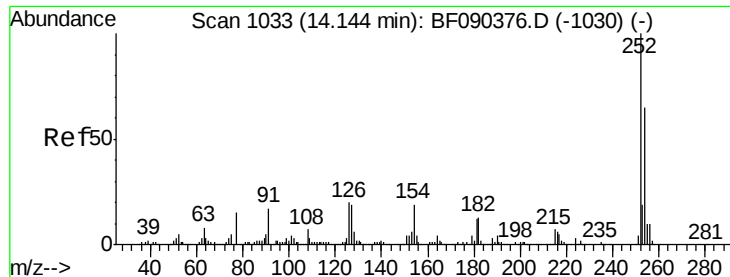
Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:	228	Resp:	1552404
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.6	35.4
229	20.5	16.6	25.0





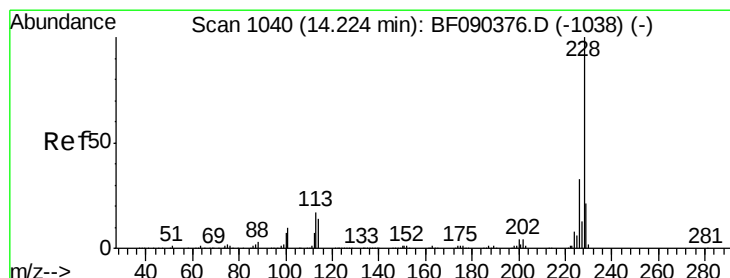
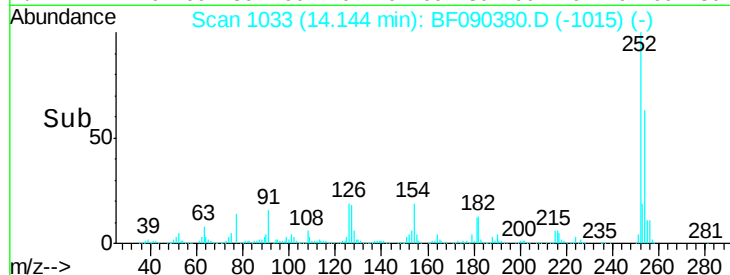
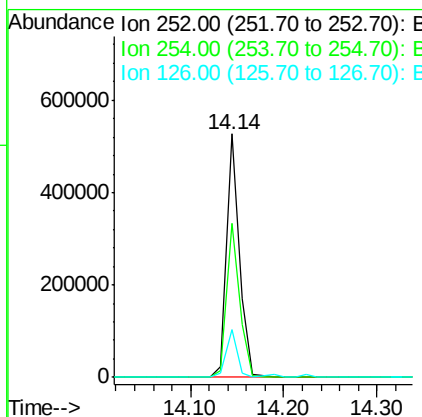
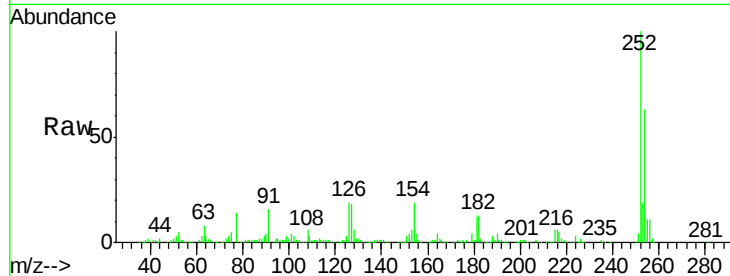
#81
 3,3'-Dichlorobenzidine
 Concen: 36.87 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.1	78.1
126	19.4	4.2	6.4

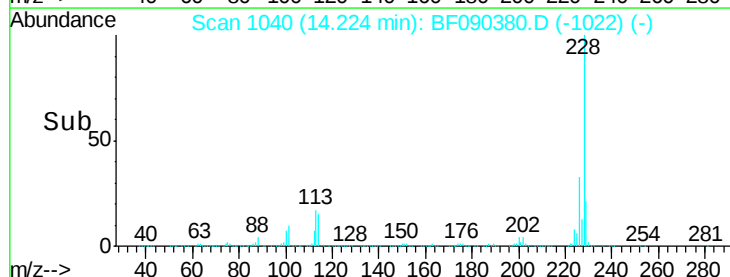
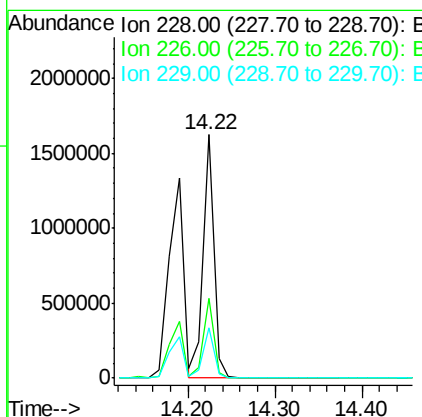
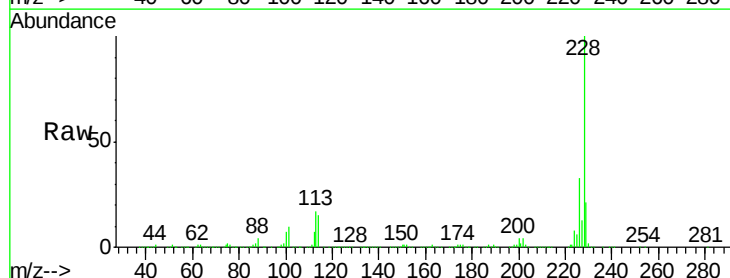
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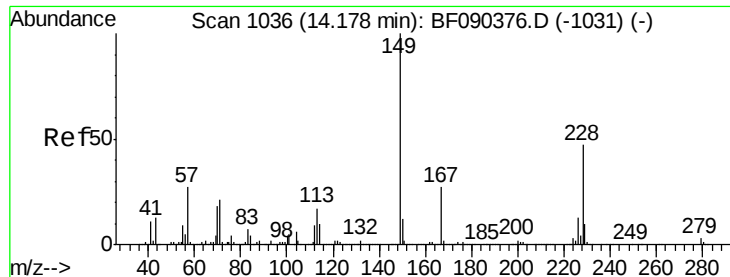
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#82
 Chrysene
 Concen: 40.00 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.6
229	20.7	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.55 ng

RT: 14.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tot Ion:149 Resp: 1386945

Ion Ratio Lower Upper

149 100

167 27.9 21.5 32.3

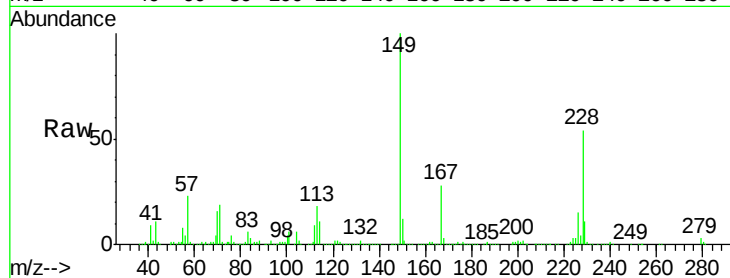
279 3.2 2.6 3.8

Manual Integrations

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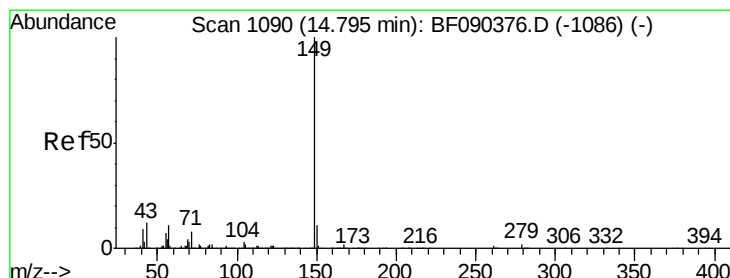
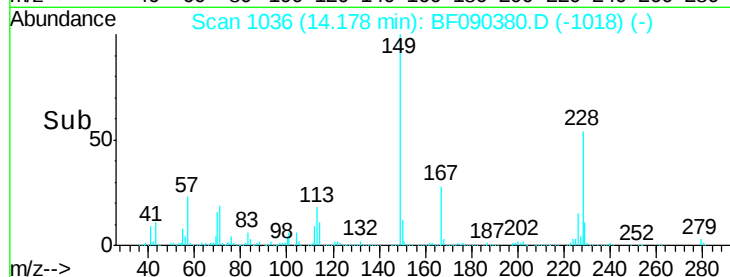
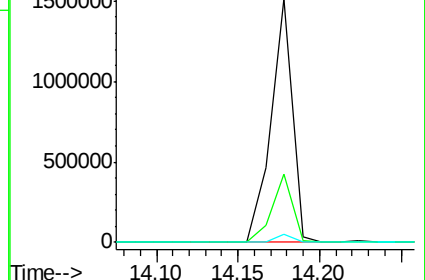
10/6/2016 5:27:24 PM



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: 41.21 ng

RT: 14.80 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

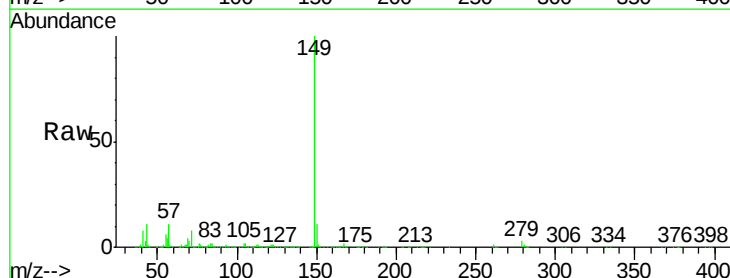
Tgt Ion:149 Resp: 1991669

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

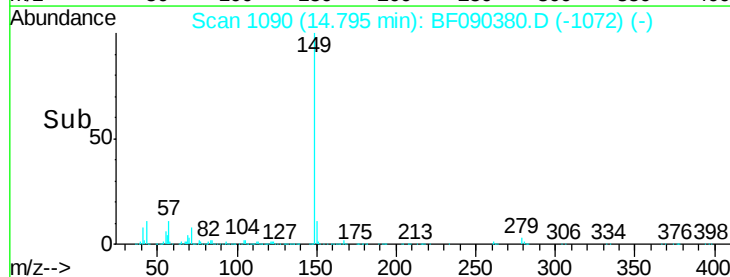
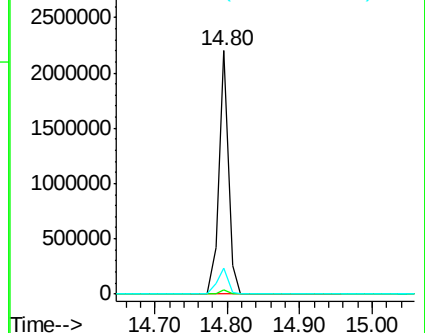
43 12.3 11.8 17.8

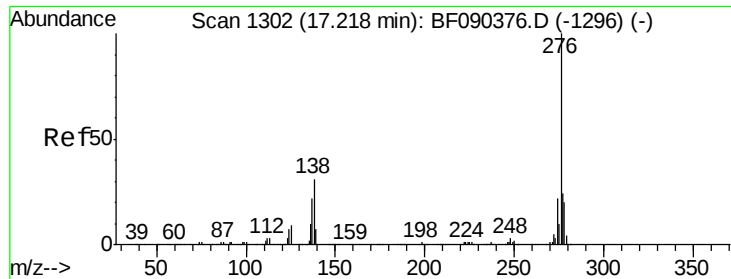


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





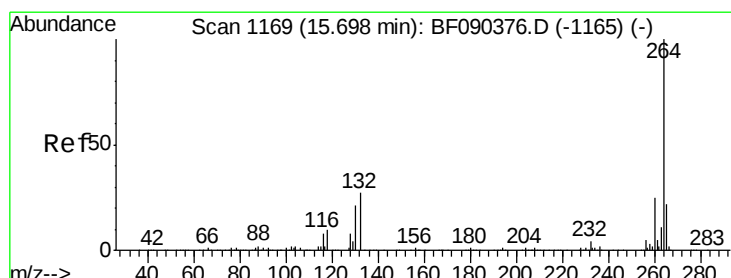
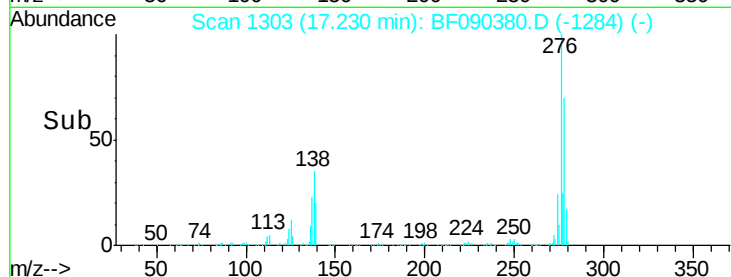
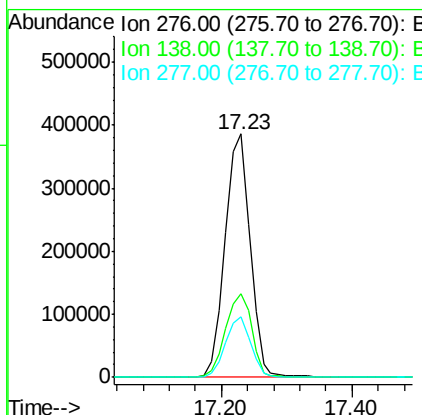
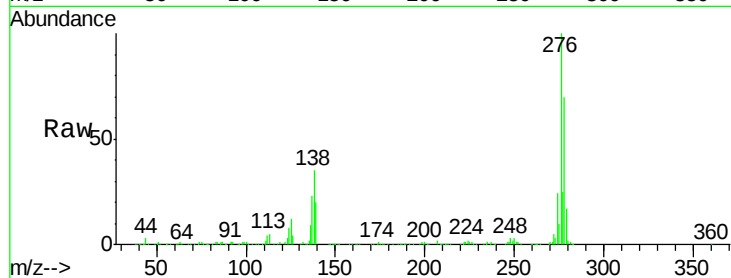
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.77 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion:276 Resp: 1030794
 Ion Ratio Lower Upper
 276 100
 138 36.2 23.8 35.8#
 277 25.1 20.4 30.6

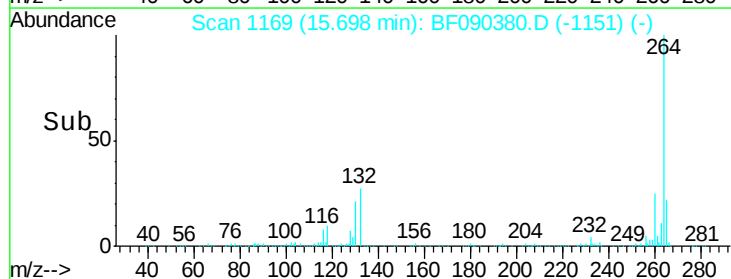
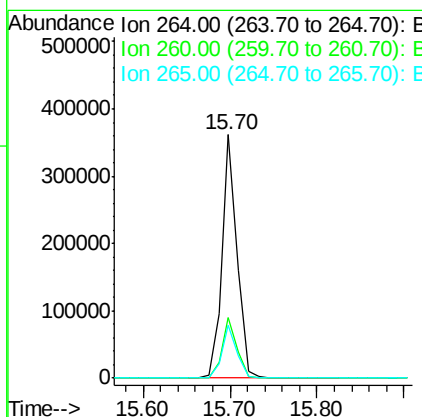
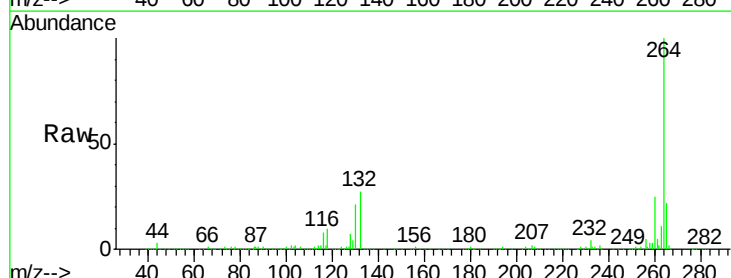
Manual Integrations
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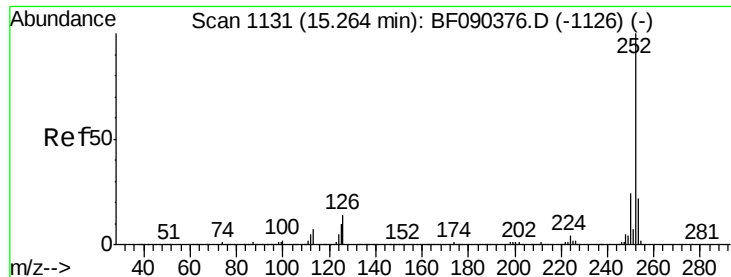
SOHIL
 10/6/2016 5:27:24 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:264 Resp: 438854
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.38 ng

RT: 15.26 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

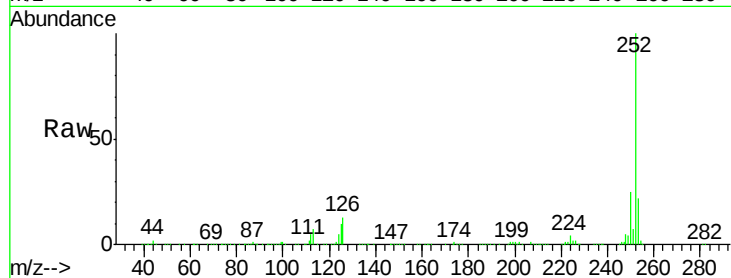
ICVBF100516

Tot Ion:252 Resp: 1212756

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.9	7.0	10.4

Manual Integrations
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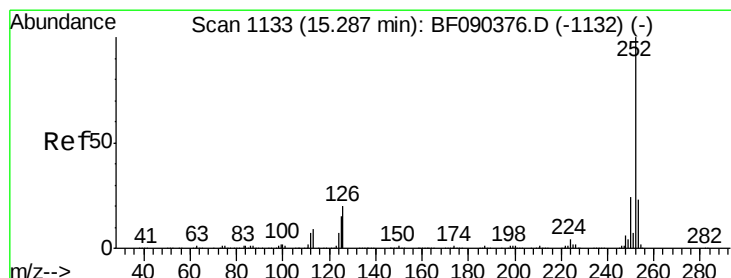
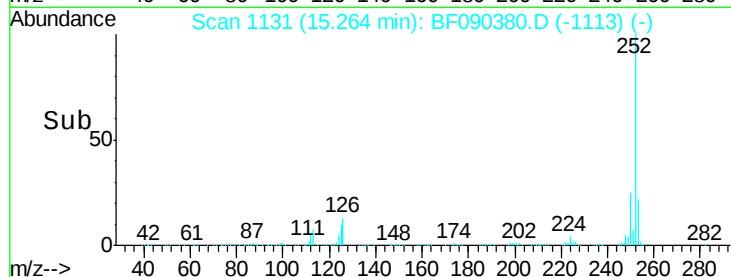
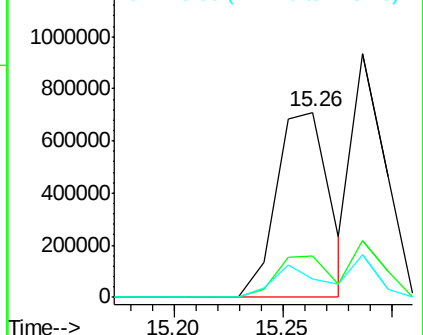
SOHIL
10/6/2016 5:27:24 PM



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: 37.15 ng m

RT: 15.29 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

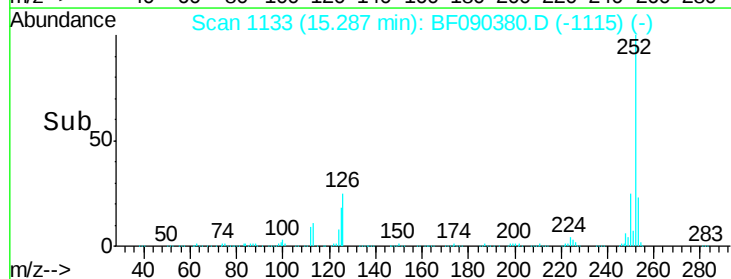
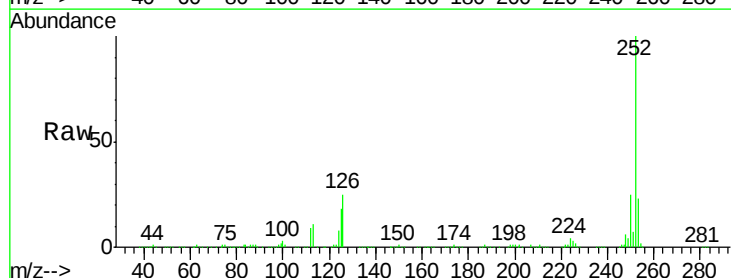
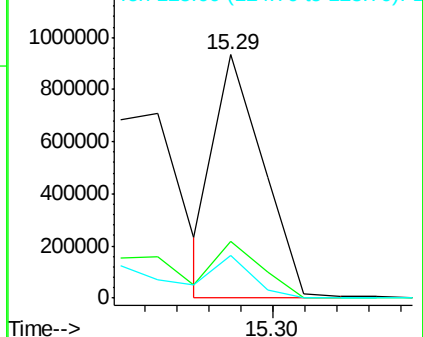
Tgt Ion:252 Resp: 975489

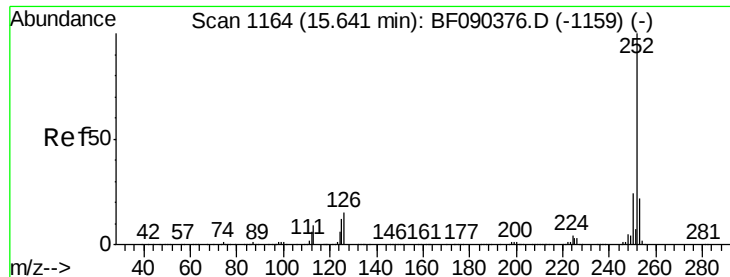
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	17.6	11.7	17.5#

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





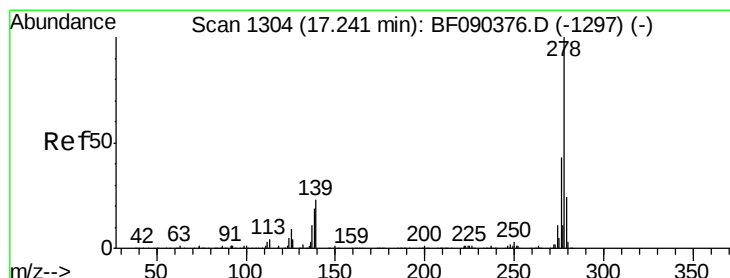
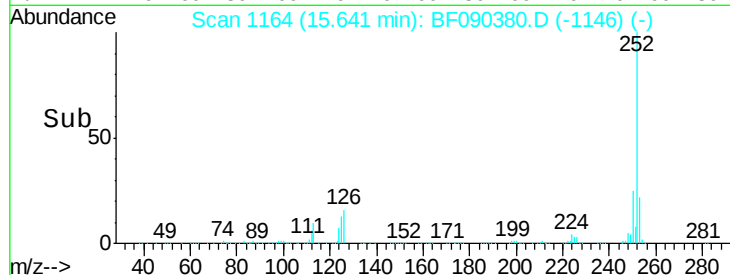
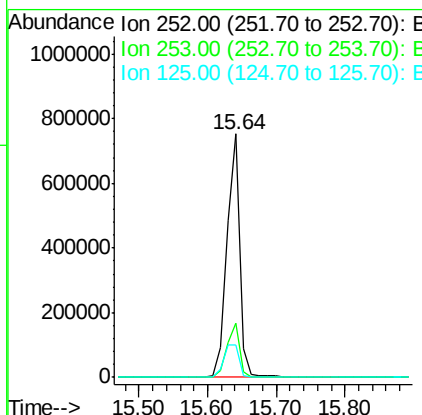
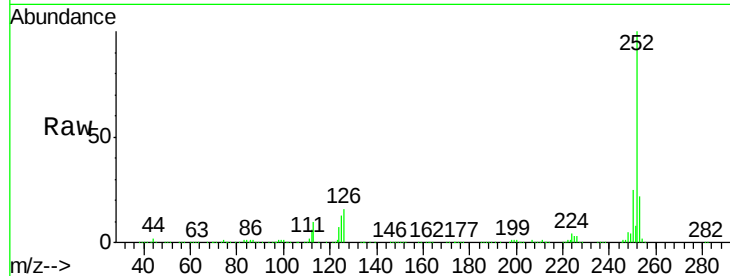
#89
Benzo(a)pyrene
Concen: 41.27 ng
RT: 15.64 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.3	9.8	14.8

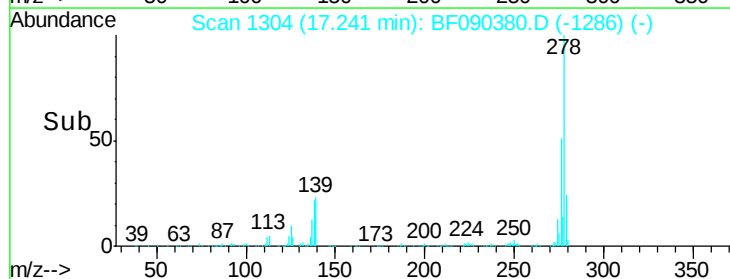
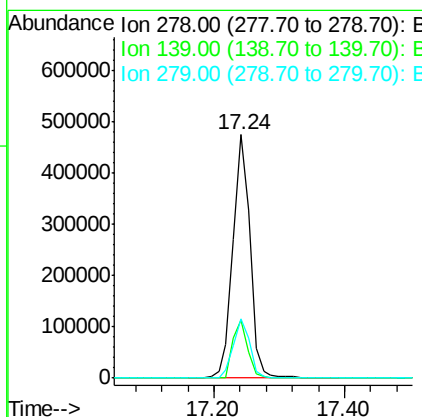
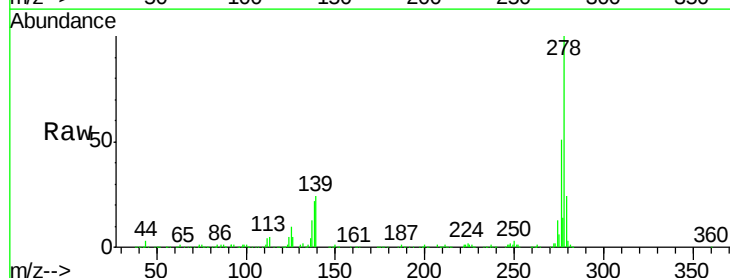
Manual Integrations
APPROVED

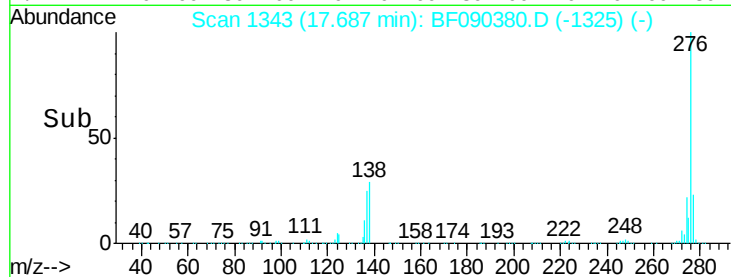
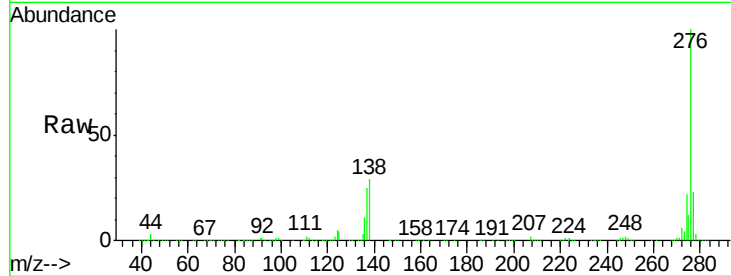
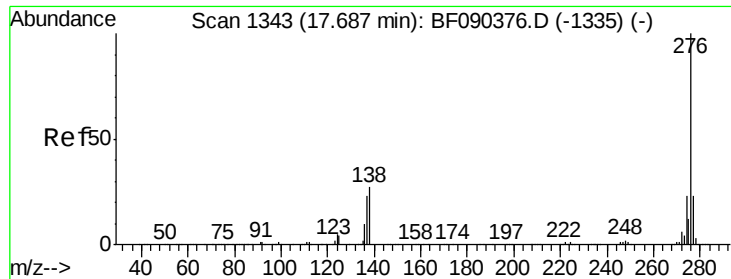
SOHIL
10/6/2016 5:27:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.95 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	12.8	19.2#
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.81 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tot Ion:	276	Resp:	822417
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.4	29.0
138	28.6	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:24 PM

