

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090382.D
 Acq On : 5 Oct 2016 15:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 01:17:38 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	250994	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1062309	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	518299	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	866359	20.00	ng	0.00
75) Chrysene-d12	14.20	240	673738	20.00	ng	0.00
86) Perylene-d12	15.70	264	415625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1330420	79.11	ng	0.00
7) Phenol-d6	6.62	99	1798339	81.64	ng	0.00
23) Nitrobenzene-d5	7.57	82	1788672	81.90	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	388224	92.12	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2772285	89.12	ng	0.00
78) Terphenyl-d14	13.14	244	2342336	78.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	335397	40.46	ng	95
3) Pyridine	3.49	79	967762	41.87	ng	# 86
4) n-Nitrosodimethylamine	3.43	42	398159	41.74	ng	# 67
6) Aniline	6.67	93	1292750	42.49	ng	97
8) 2-Chlorophenol	6.78	128	735702	39.75	ng	86
9) Benzaldehyde	6.54	77	455055	40.87	ng	88
10) Phenol	6.63	94	1017392	39.73	ng	96
11) bis(2-Chloroethyl)ether	6.74	93	804458	41.03	ng	93
12) 1,3-Dichlorobenzene	6.94	146	729116	39.52	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	809003	43.18	ng	98
14) 1,2-Dichlorobenzene	7.18	146	697886	38.66	ng	94
15) Benzyl Alcohol	7.14	79	679281	40.57	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1399284	42.08	ng	97
17) 2-Methylphenol	7.25	107	611604	40.18	ng	99
18) Hexachloroethane	7.53	117	302907	41.01	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	701010	43.40	ng	# 83
20) 3+4-Methylphenols	7.41	107	852634	43.28	ng	# 72
22) Acetophenone	7.41	105	985167	39.15	ng	# 96
24) Nitrobenzene	7.58	77	866974	39.99	ng	92
25) Isophorone	7.83	82	1654887	41.45	ng	97
26) 2-Nitrophenol	7.90	139	362674	38.86	ng	# 72
27) 2,4-Dimethylphenol	7.94	122	672016	37.03	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	1048496	44.40	ng	98
29) 2,4-Dichlorophenol	8.14	162	534343	38.73	ng	86
30) 1,2,4-Trichlorobenzene	8.23	180	600365	42.22	ng	99
31) Naphthalene	8.31	128	1986402	38.76	ng	99
32) Benzoic acid	8.06	122	553760	43.89	ng	96
33) 4-Chloroaniline	8.36	127	884551	41.76	ng	98
34) Hexachlorobutadiene	8.44	225	330583	41.61	ng	98
35) Caprolactam	8.74	113	188492	40.63	ng	94
36) 4-Chloro-3-methylphenol	8.84	107	721102	41.74	ng	99
37) 2-Methylnaphthalene	9.01	142	1361457	43.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	525984	38.49	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	315030	42.06	ng	97

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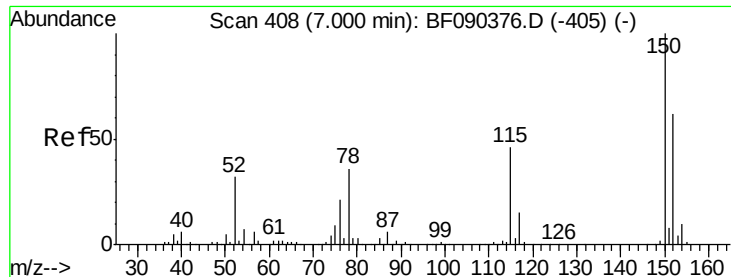
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	406913m	43.15	nq	
43) 2,4,5-Trichlorophenol	9.32	196	369594m	41.45	nq	
45) 1,1'-Biphenyl	9.48	154	1655511	43.11	nq	94
46) 2-Chloronaphthalene	9.50	162	1301050	45.85	nq	96
47) 2-Nitroaniline	9.59	65	496243	44.32	nq	# 83
48) Acenaphthylene	9.91	152	1800491	38.45	nq	99
49) Dimethylphthalate	9.78	163	1497556	45.12	nq	98
50) 2,6-Dinitrotoluene	9.83	165	334133	45.34	nq	87
51) Acenaphthene	10.09	154	1180180	40.42	nq	98
52) 3-Nitroaniline	10.01	138	414571	48.16	nq	# 90
53) 2,4-Dinitrophenol	10.11	184	141361	43.02	nq	# 80
54) Dibenzofuran	10.26	168	1462560	38.71	nq	# 90
55) 4-Nitrophenol	10.15	139	353704	46.96	nq	94
56) 2,4-Dinitrotoluene	10.23	165	393867	40.16	nq	# 31
57) Fluorene	10.60	166	1316112	41.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	254168m	38.17	nq	
59) Diethylphthalate	10.47	149	1387752	40.41	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	658351	45.59	nq	90
61) 4-Nitroaniline	10.61	138	391903	45.18	nq	93
62) Azobenzene	10.76	77	1844451	46.50	nq	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	208969	37.12	nq	# 81
65) n-Nitrosodiphenylamine	10.71	169	1154865	39.78	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	377497	44.45	nq	# 91
67) Hexachlorobenzene	11.16	284	423525	44.78	nq	92
68) Atrazine	11.24	200	278026	38.84	nq	98
69) Pentachlorophenol	11.34	266	219858	39.05	nq	99
70) Phenanthrene	11.57	178	1838297	41.44	nq	99
71) Anthracene	11.62	178	1792842	39.57	nq	98
72) Carbazole	11.78	167	1869571	44.42	nq	97
73) Di-n-butylphthalate	12.11	149	2223140	43.40	nq	98
74) Fluoranthene	12.76	202	1618557	37.20	nq	96
76) Benzidine	12.88	184	691321	39.02	nq	98
77) Pyrene	12.99	202	1730966	38.53	nq	99
79) Butylbenzylphthalate	13.61	149	888361	38.54	nq	# 64
80) Benzo(a)anthracene	14.19	228	1534660	40.60	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	494305	36.07	nq	# 95
82) Chrysene	14.22	228	1382611	39.74	nq	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1348707	41.16	nq	99
84) Di-n-octyl phthalate	14.80	149	1944038	40.02	nq	95
85) Indeno(1,2,3-cd)pyrene	17.22	276	976087	39.35	nq	# 93
87) Benzo(b)fluoranthene	15.25	252	1218559	46.03	nq	# 93
88) Benzo(k)fluoranthene	15.29	252	923034m	37.12	nq	
89) Benzo(a)pyrene	15.64	252	962070	42.16	nq	99
90) Dibenzo(a,h)anthracene	17.24	278	818427	42.16	nq	# 94
91) Benzo(g,h,i)perylene	17.69	276	782776	42.02	nq	98

(#) = 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: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

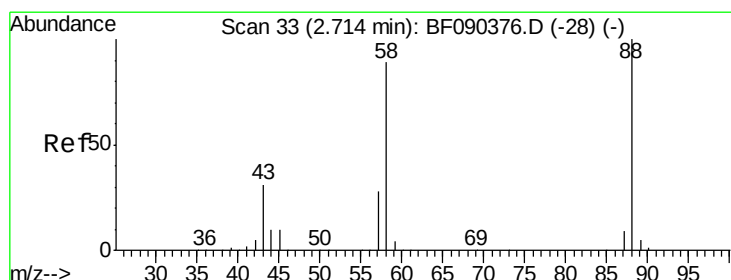
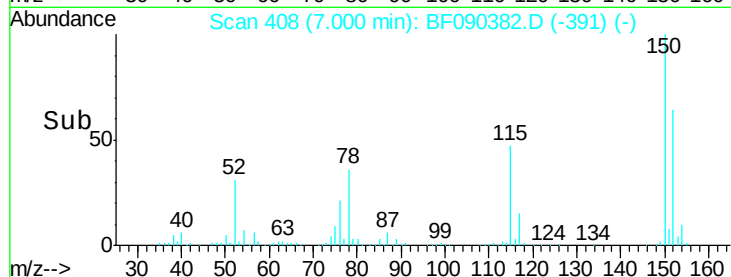
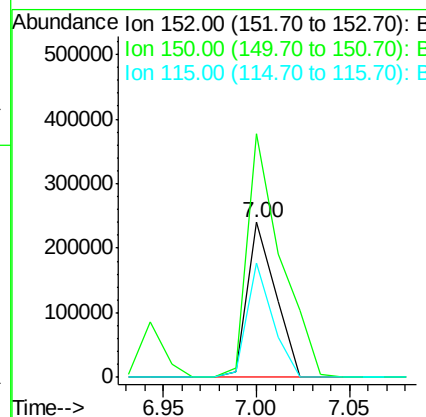
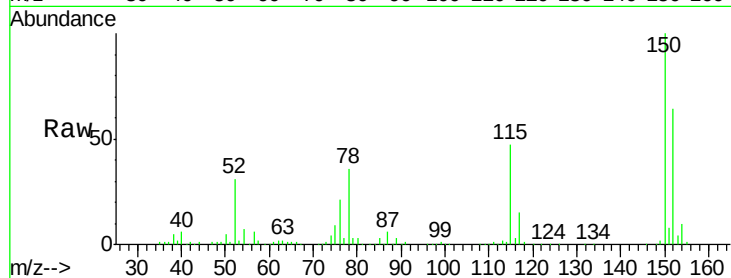
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	250994
Ion Ratio	Lower	Upper	
152	100		
150	157.3	124.6	186.8
115	73.7	46.2	69.4

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#2

1,4-Dioxane

Concen: 40.46 ng

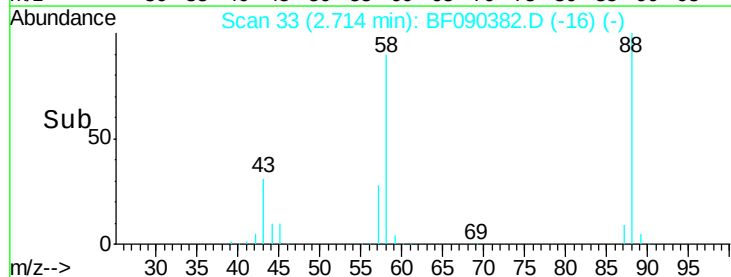
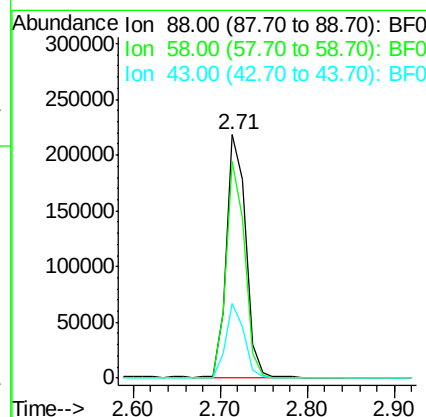
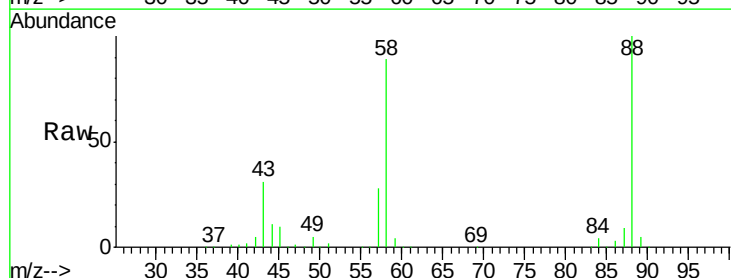
RT: 2.71 min Scan# 33

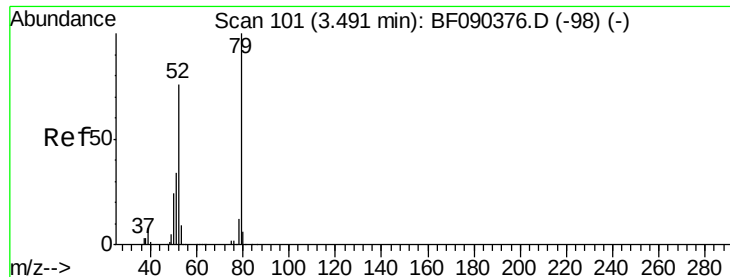
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	88	Resp:	335397
Ion Ratio	Lower	Upper	
88	100		
58	86.6	71.2	106.8
43	30.0	29.8	44.6





#3

Pvridine

Concen: 41.87 ng

RT: 3.49 min Scan# 101

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

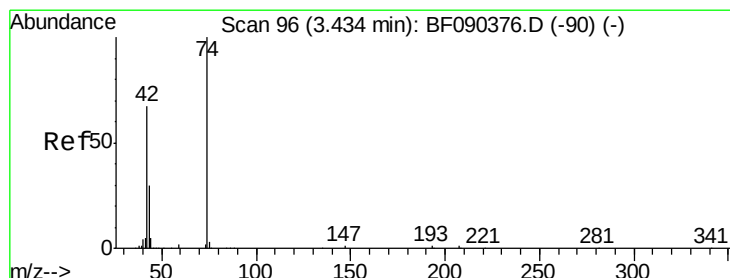
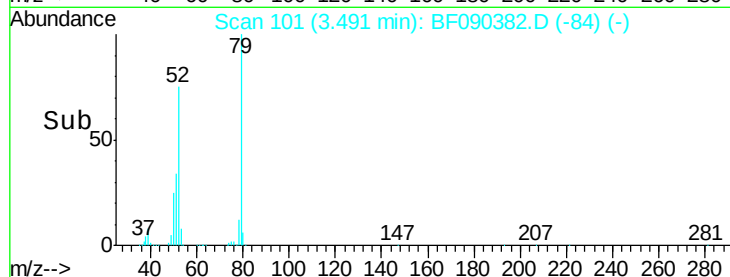
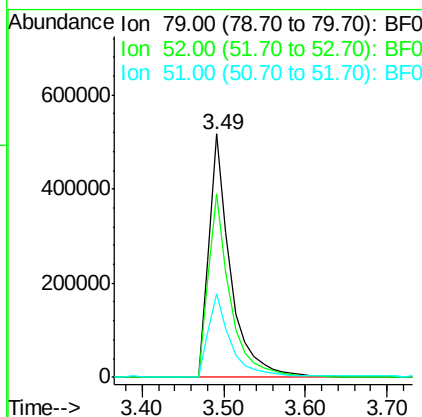
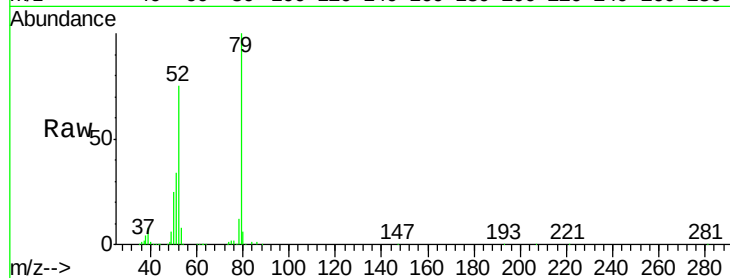
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	75.4	71.3	106.9
51	51	34.2	34.5	51.7#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.74 ng

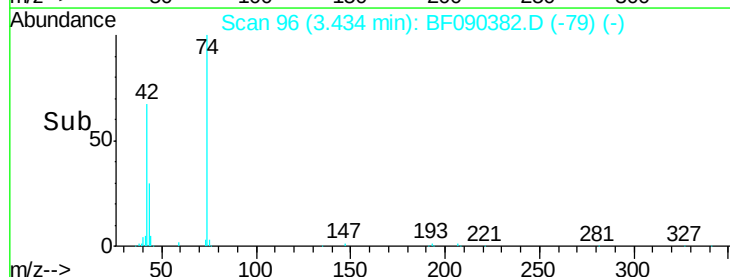
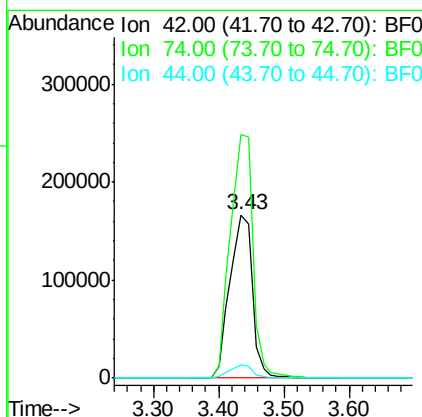
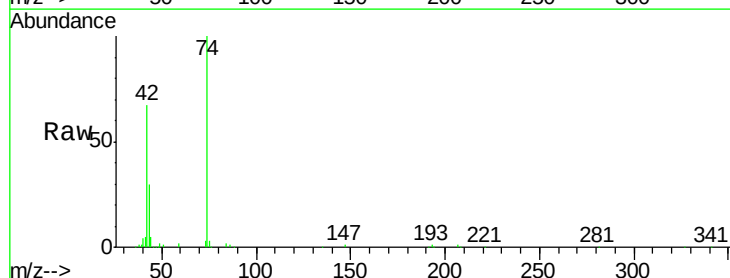
RT: 3.43 min Scan# 96

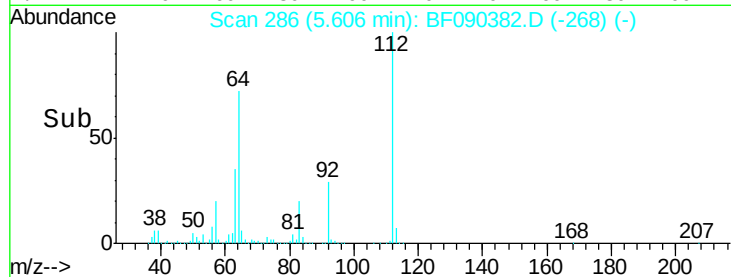
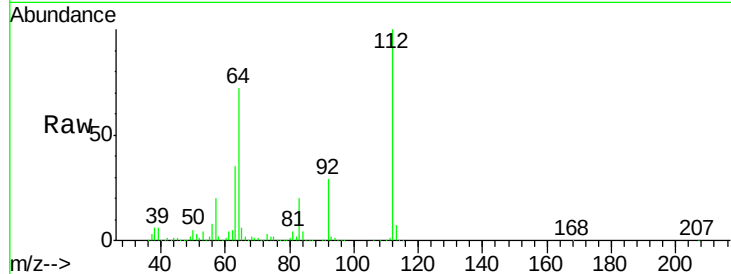
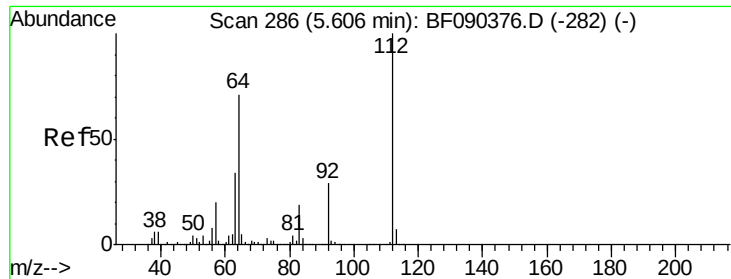
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	149.2	88.9	133.3#
44	44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 79.11 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tot Ion:	112	Resp:	1330420
Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.9	86.9
63	34.8	29.6	44.4

Instrument :

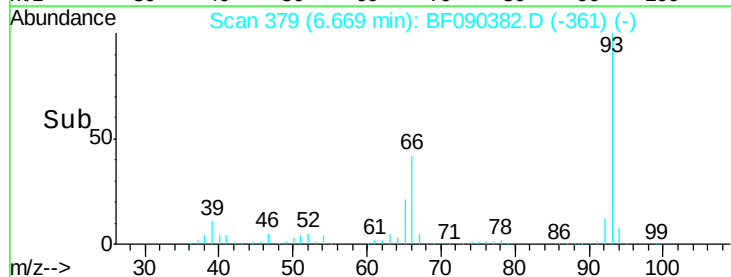
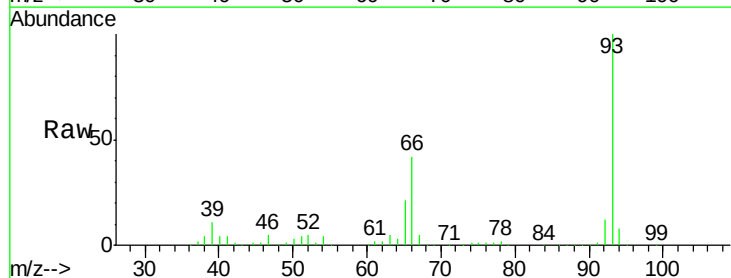
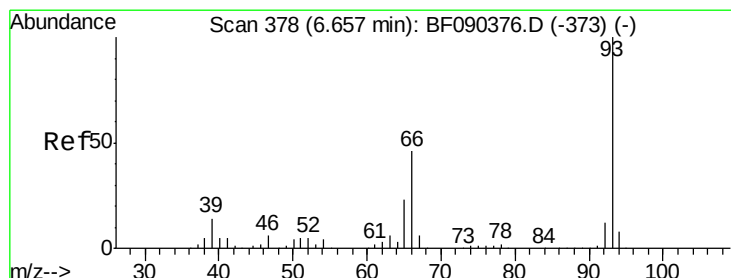
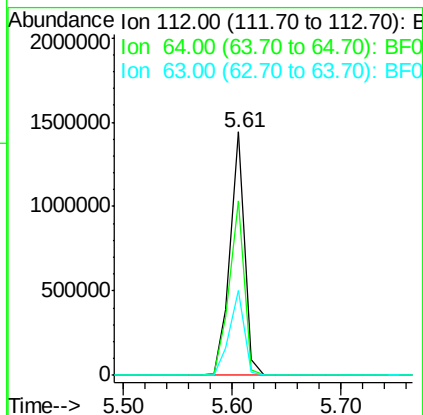
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 42.49 ng

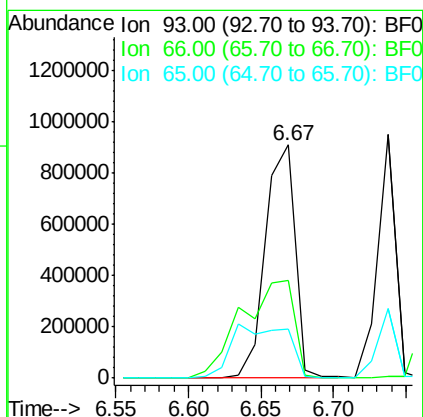
RT: 6.67 min Scan# 379

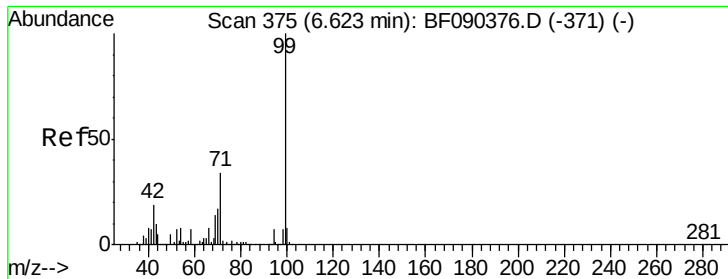
Delta R.T. 0.01 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	93	Resp:	1292750
Ion	Ratio	Lower	Upper
93	100		
66	41.7	34.5	51.7
65	21.2	18.2	27.2





#7

Phenol-d6

Concen: 81.64 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1798339

Ion Ratio Lower Upper

99 100

42 19.2 20.0 30.0#

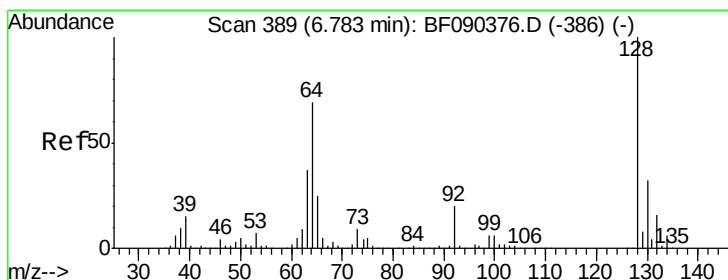
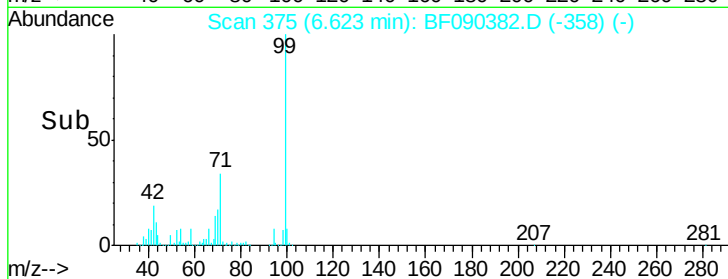
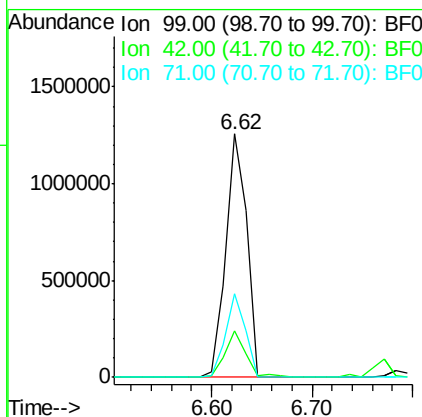
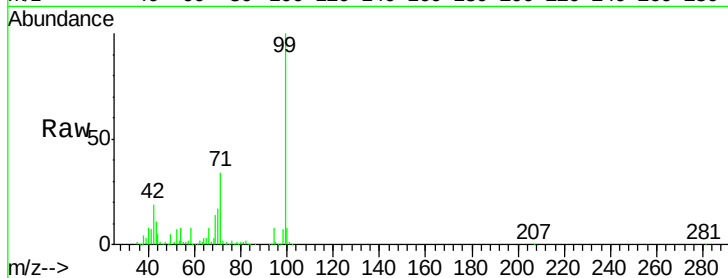
71 34.3 27.9 41.9

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#8

2-Chlorophenol

Concen: 39.75 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

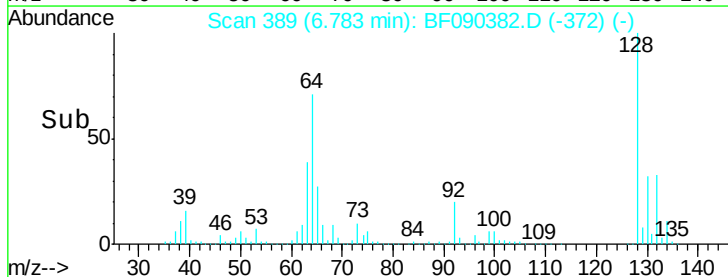
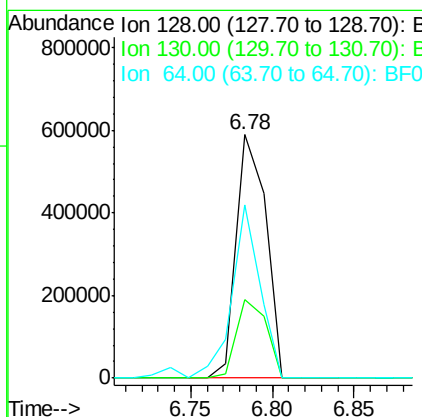
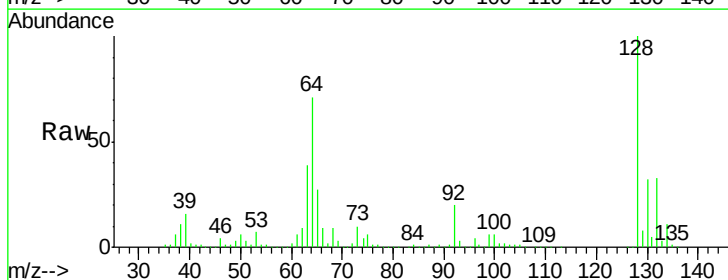
Tgt Ion: 128 Resp: 735702

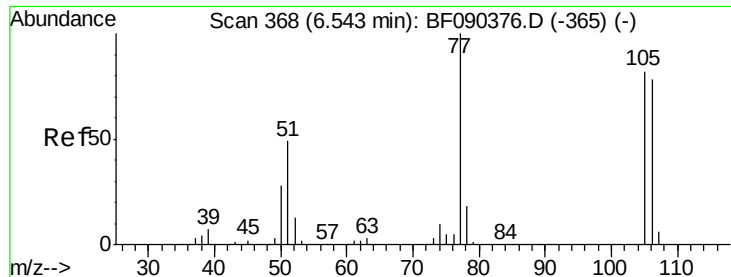
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 71.3 36.0 76.0





#9

Benzaldehyde

Concen: 40.87 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

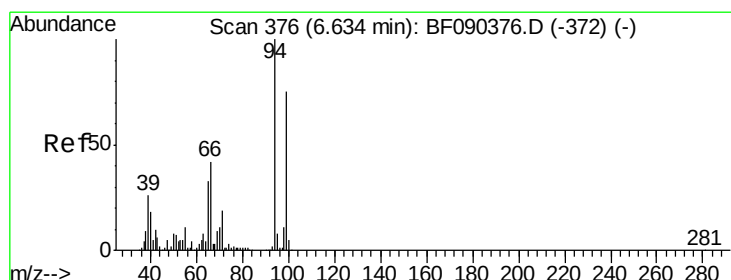
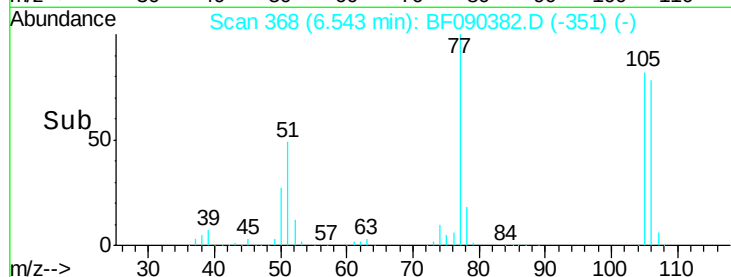
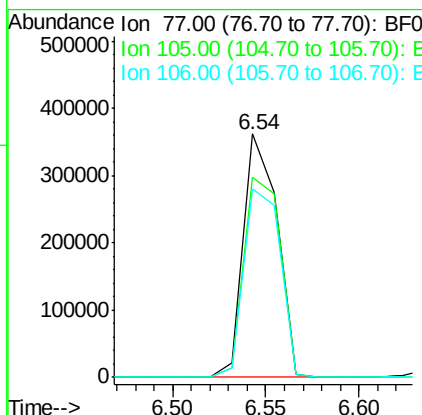
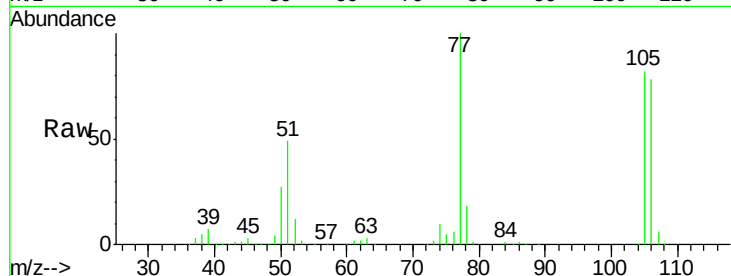
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	455055
Ion	Ratio	Lower	Upper
77	100		
105	82.1	73.1	113.1
106	77.6	70.2	110.2

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



#10

Phenol

Concen: 39.73 ng

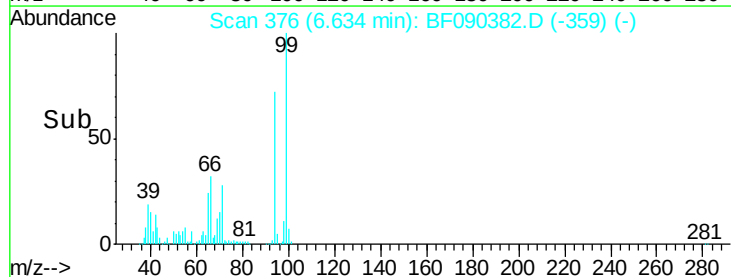
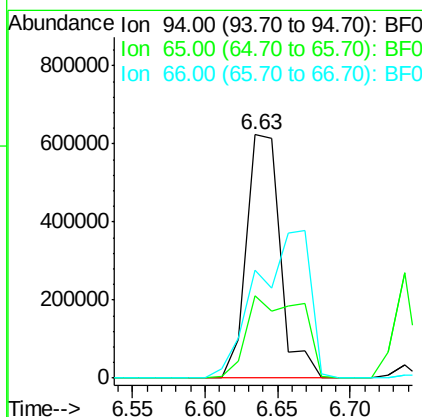
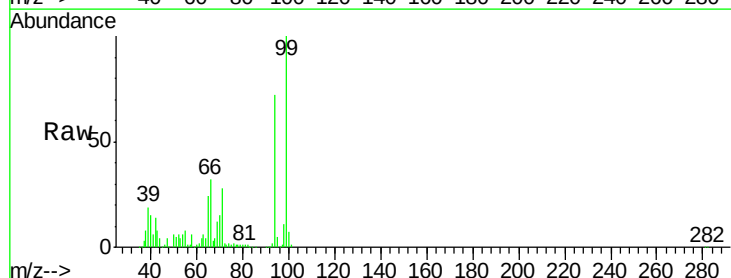
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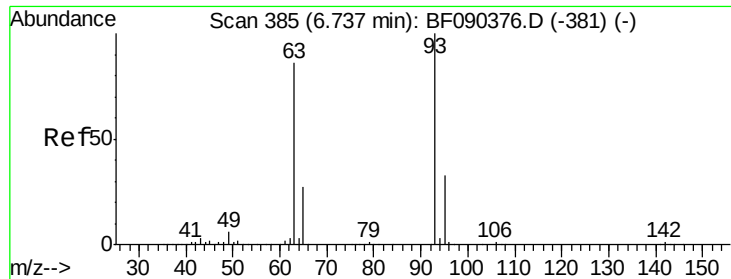
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	94	Resp:	1017392
Ion	Ratio	Lower	Upper
94	100		
65	33.7	13.3	53.3
66	44.4	20.4	60.4





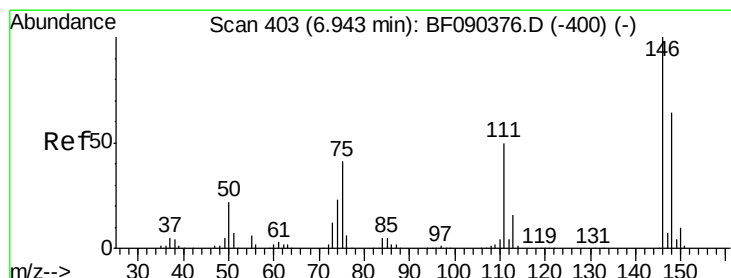
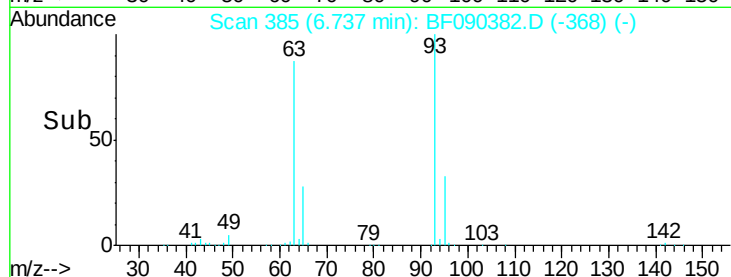
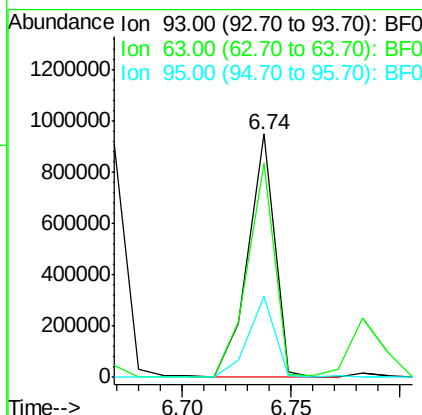
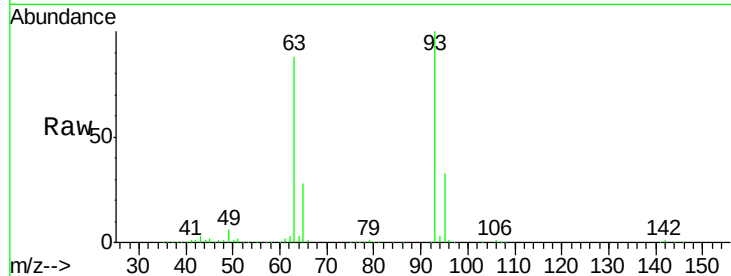
#11
bis(2-Chloroethyl)ether
Concen: 41.03 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	59.7	99.7
95	33.4	14.0	54.0

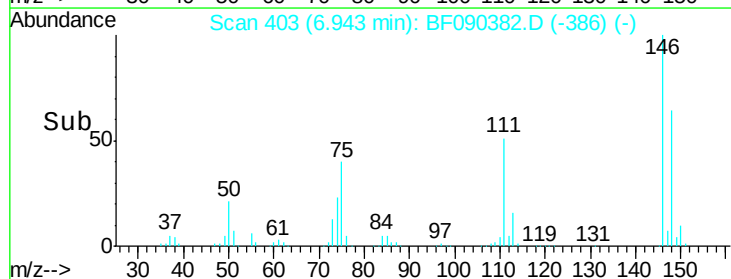
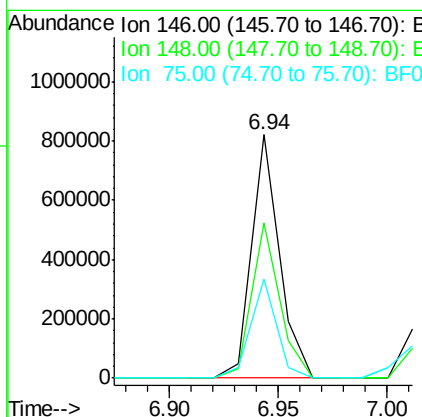
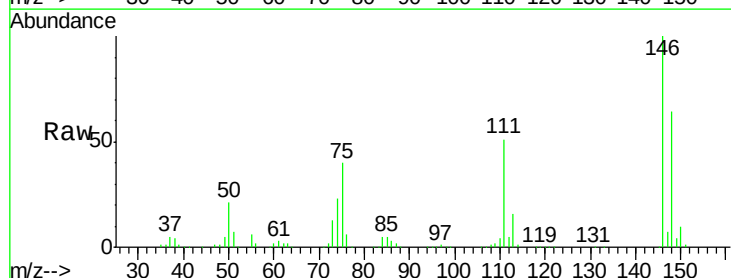
Manual Integrations
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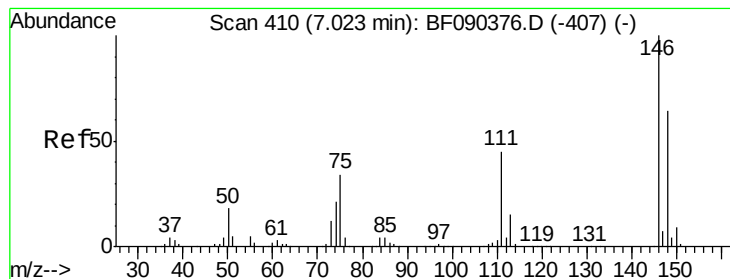
SOHIL
10/6/2016 5:27:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.52 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
75	40.4	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 43.18 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

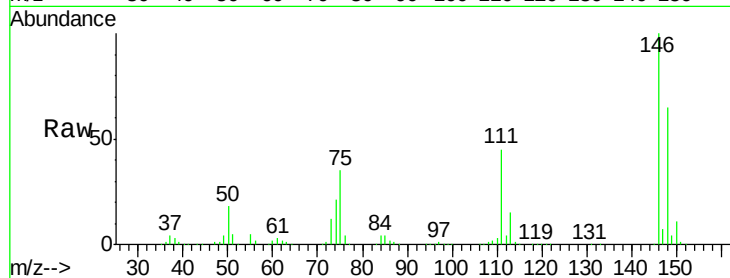
ClientSampled :

SSTDCCC040

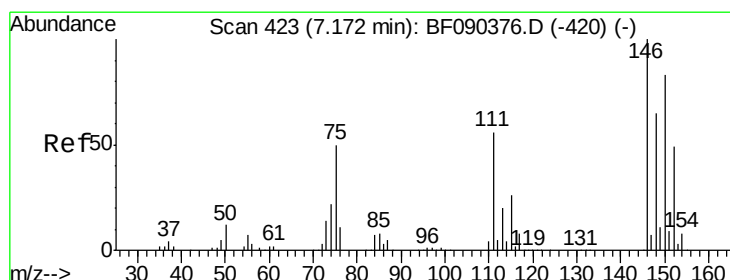
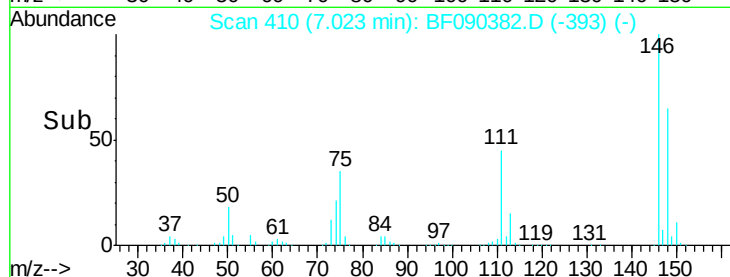
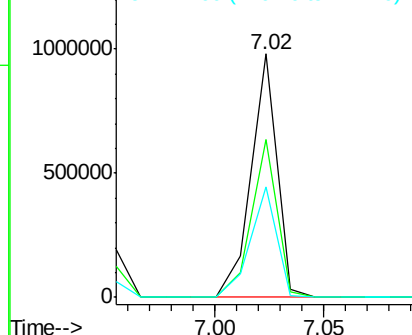
Tot Ion:	146	Resp:	809003
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.1	76.7
111	45.3	37.8	56.6

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: 38.66 ng

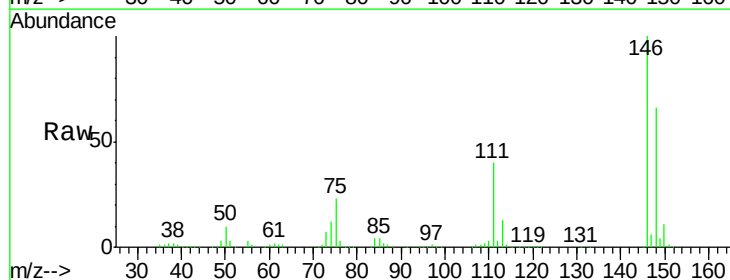
RT: 7.18 min Scan# 424

Delta R.T. 0.01 min

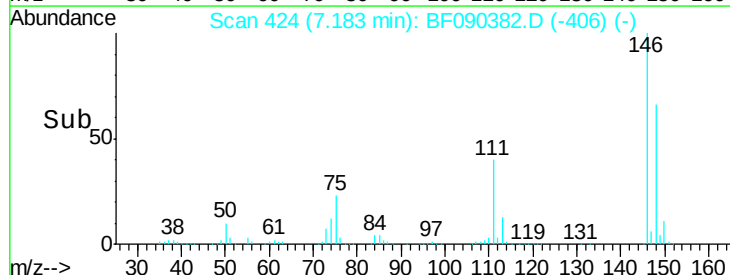
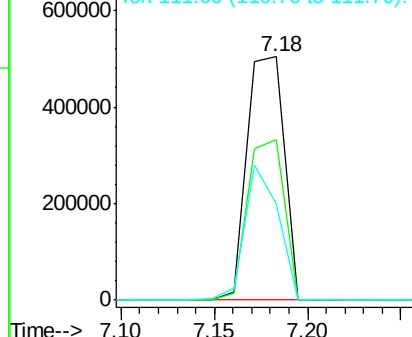
Lab File: BF090382.D

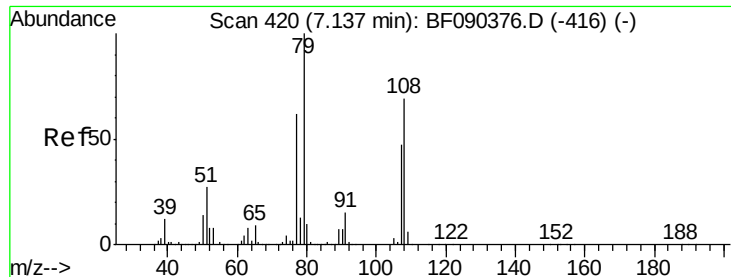
Acq: 5 Oct 2016 15:35

Tgt Ion:	146	Resp:	697886
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.3	78.5
111	39.7	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: 40.57 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

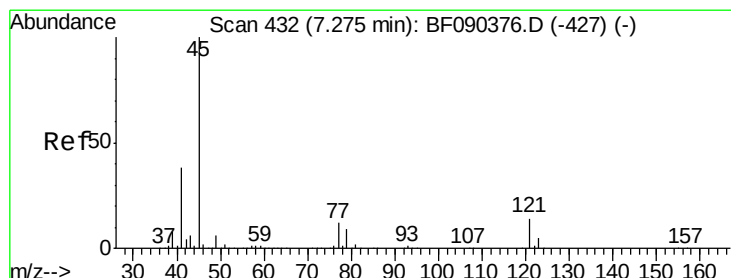
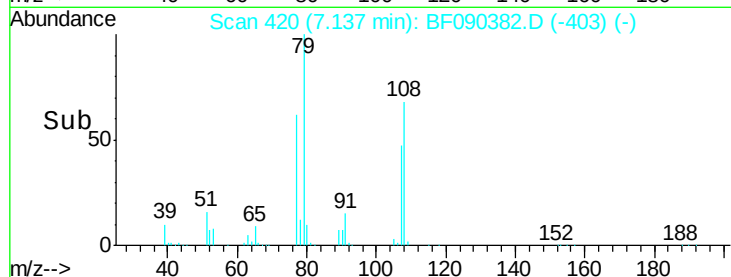
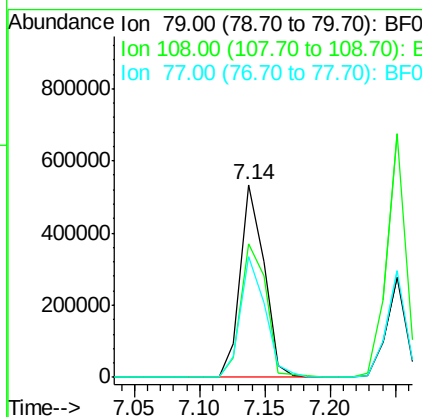
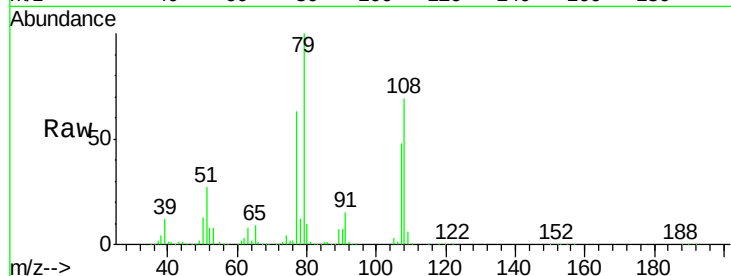
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	679281
Ion	Ratio	Lower	Upper
79	100		
108	69.2	60.9	91.3
77	62.8	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.08 ng

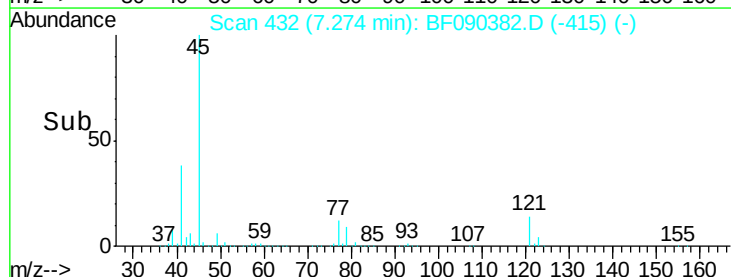
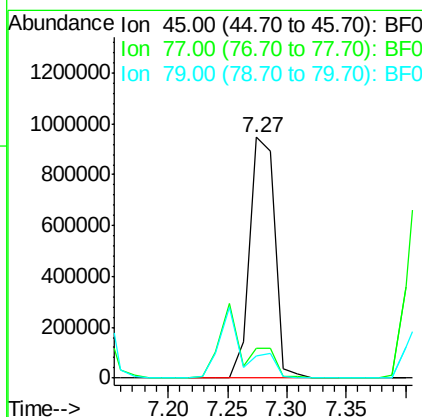
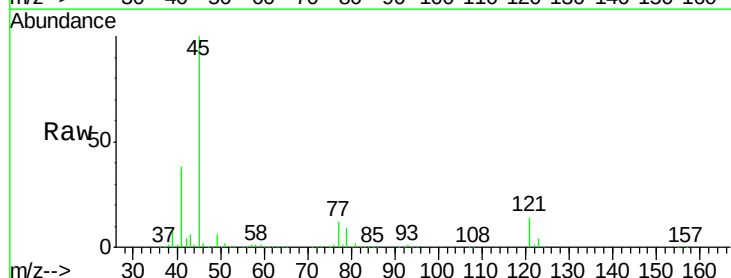
RT: 7.27 min Scan# 432

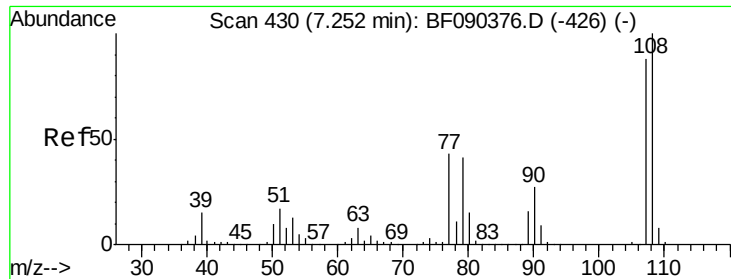
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	45	Resp:	1399284
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	30.8
79	9.0	0.0	28.2





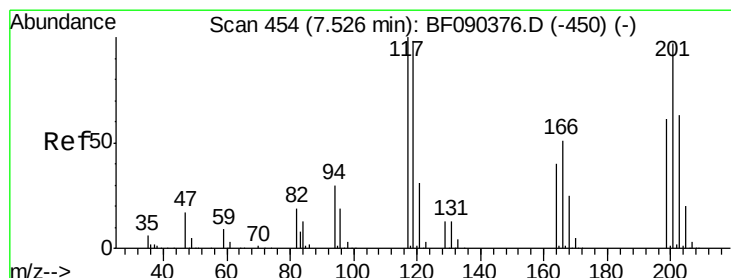
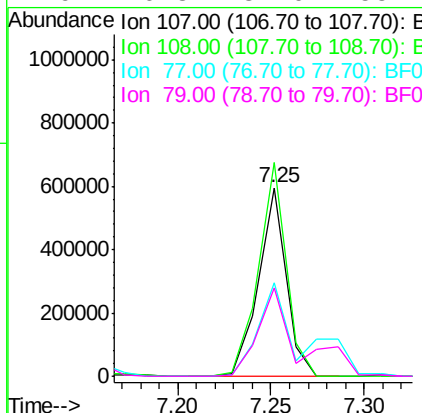
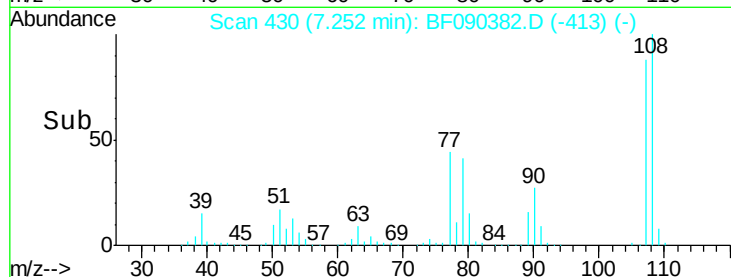
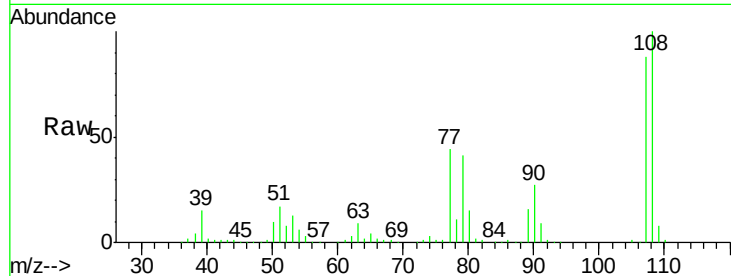
#17
2-Methylphenol
Concen: 40.18 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	107	Resp:	611604
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.9	136.3
77	49.3	38.2	57.4
79	46.8	37.0	55.4

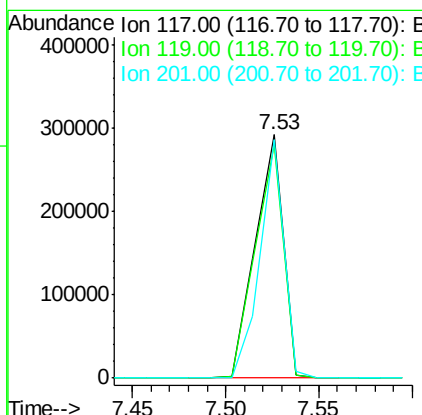
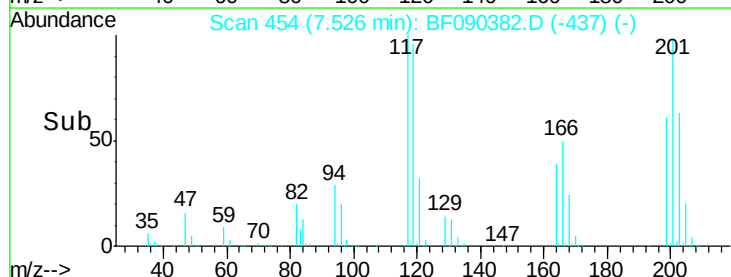
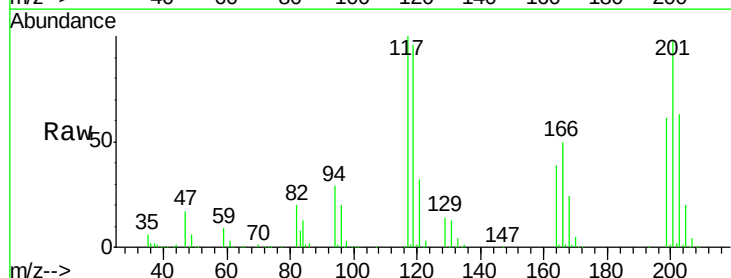
Manual Integrations
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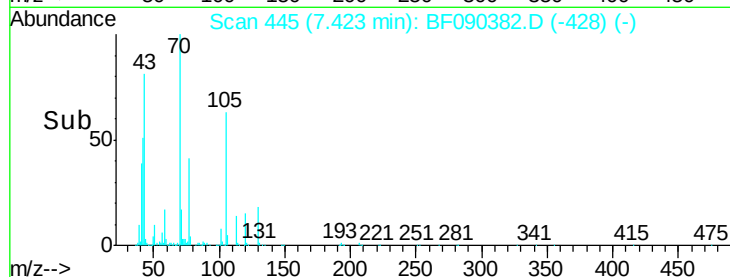
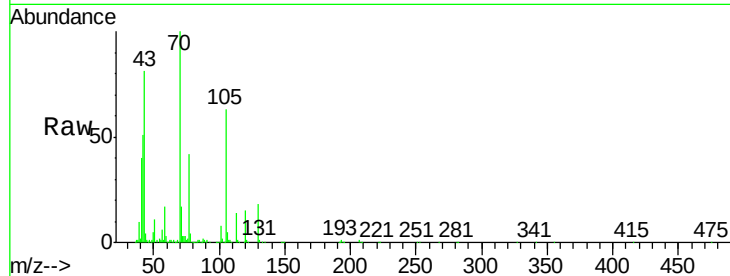
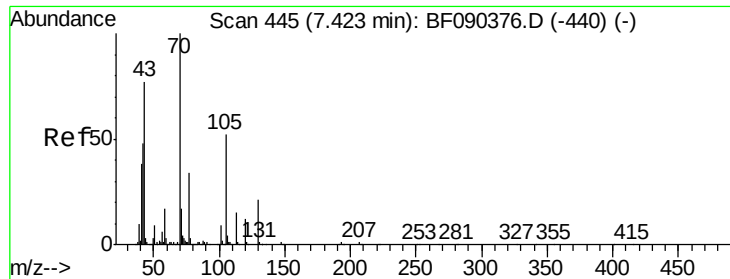
SOHIL
10/6/2016 5:27:27 PM



#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion:	117	Resp:	302907
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.9	113.9
201	97.8	66.5	99.7





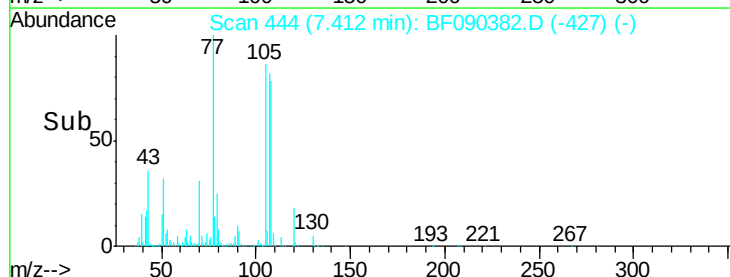
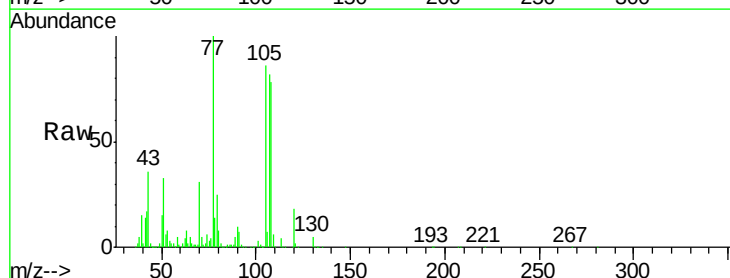
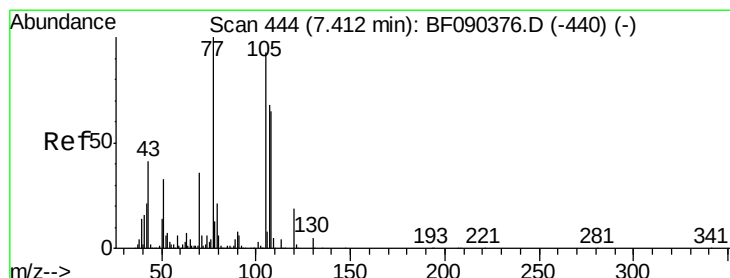
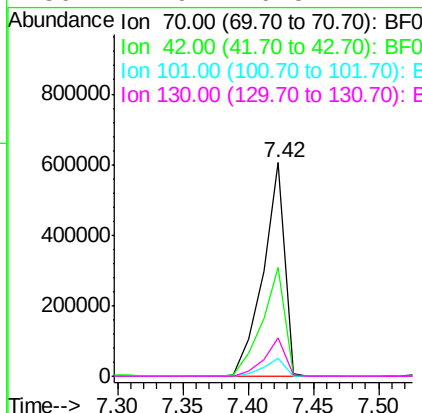
#19
n-Nitroso-di-n-propylamine
Concen: 43.40 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	55.4	83.2#
101	8.5	7.6	11.4
130	17.9	16.5	24.7

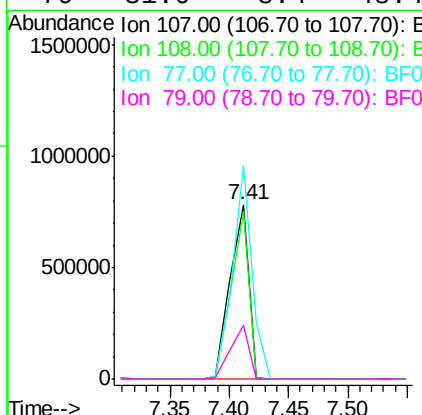
Manual Integrations
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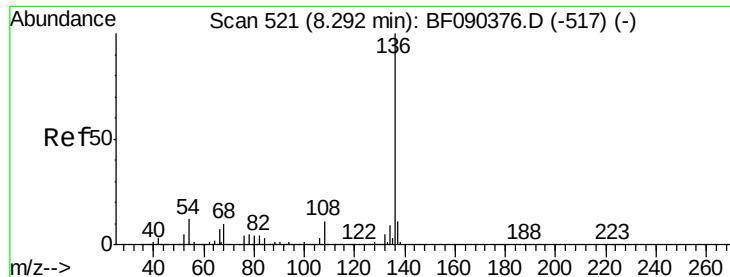
SOHIL
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#20
3+4-Methylphenols
Concen: 43.28 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.1	66.7	106.7
77	122.4	53.7	93.7#
79	31.0	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: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1062309

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

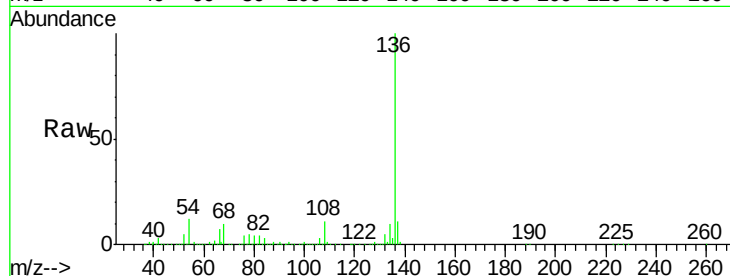
54 12.1 6.6 10.0#

68 10.0 5.0 7.6#

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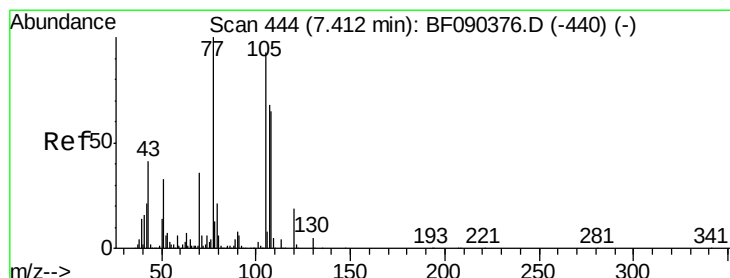
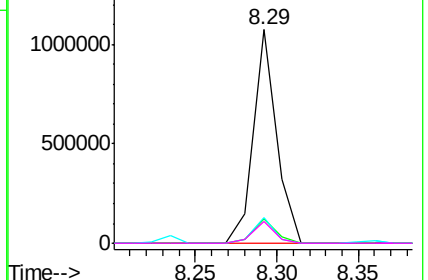
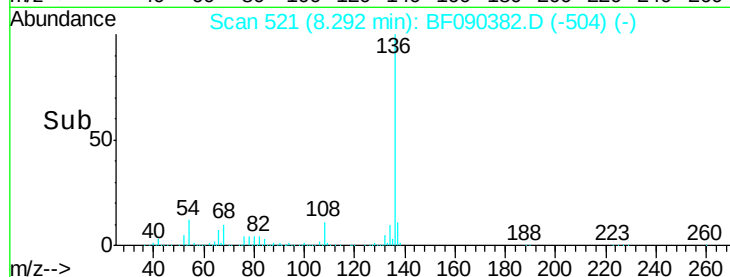


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.15 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:105 Resp: 985167

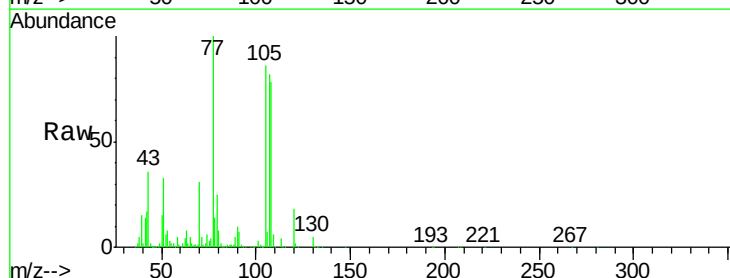
Ion Ratio Lower Upper

105 100

71 6.3 3.8 5.6#

51 37.9 28.2 42.4

120 20.8 17.4 26.2

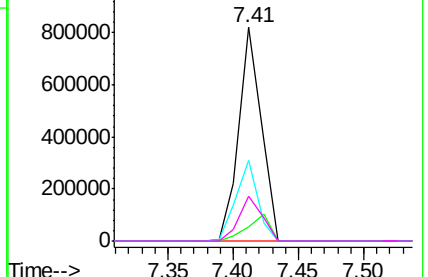
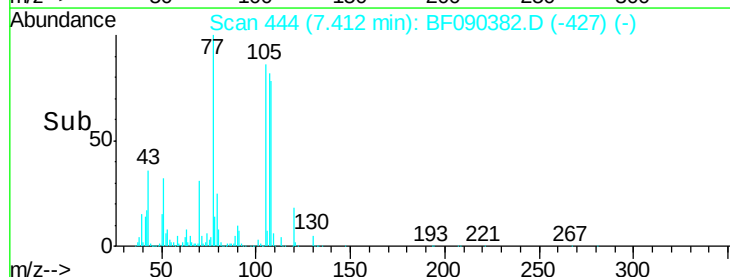


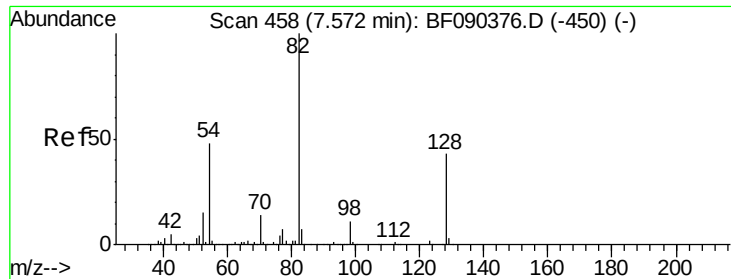
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





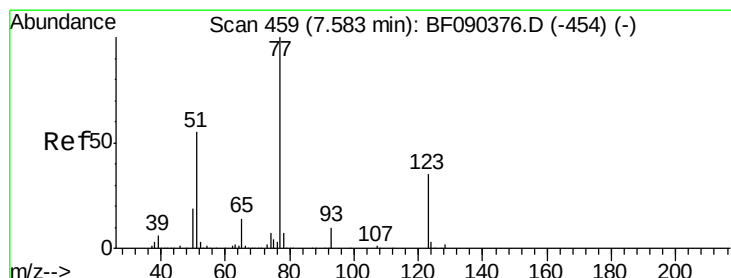
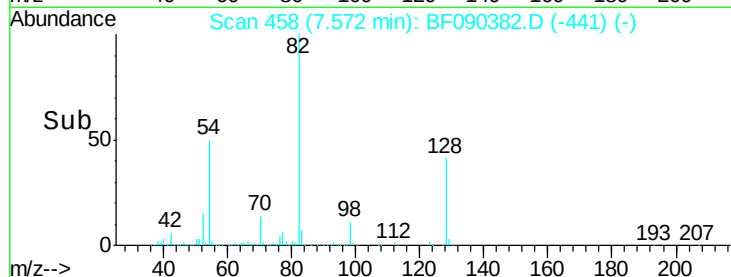
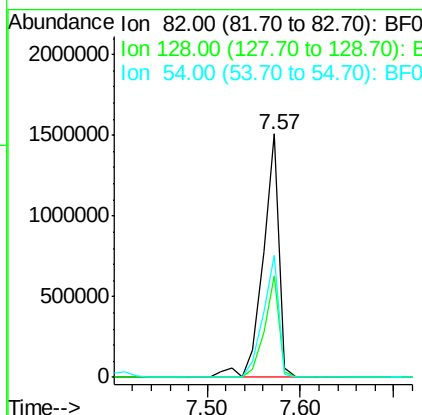
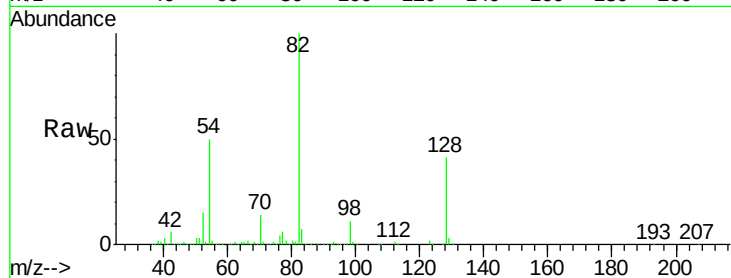
#23
Nitrobenzene-d5
Concen: 81.90 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	40.0	60.0
54	50.1	42.6	64.0

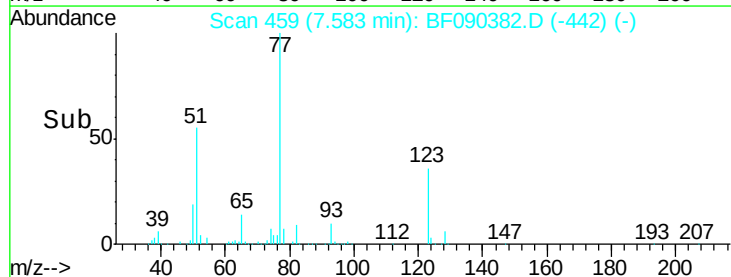
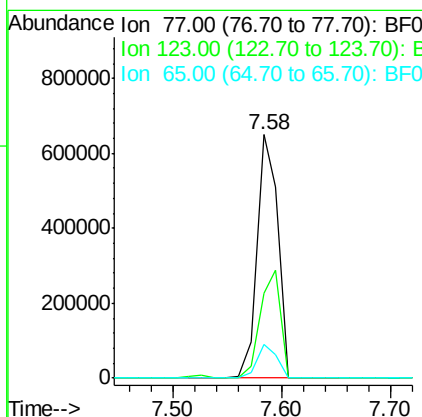
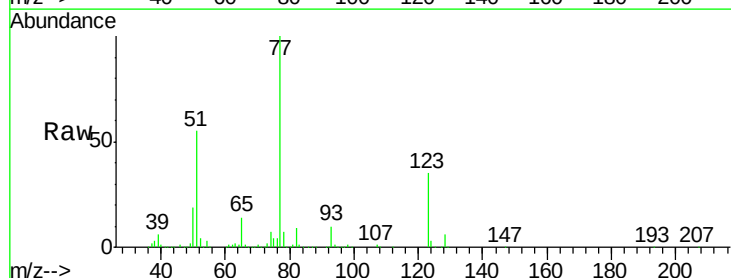
Manual Integrations
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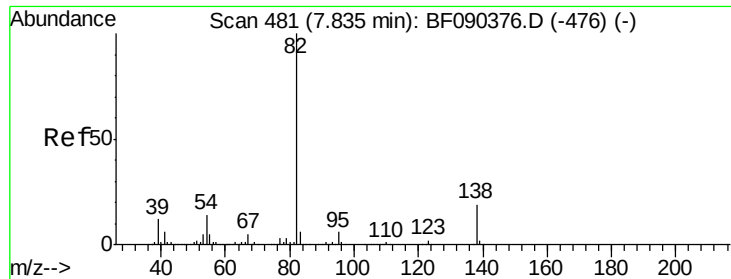
SOHIL
10/6/2016 5:27:27 PM



#24
Nitrobenzene
Concen: 39.99 ng
RT: 7.58 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	33.0	49.4
65	14.1	12.0	18.0





#25

Isophorone

Concen: 41.45 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1654887

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

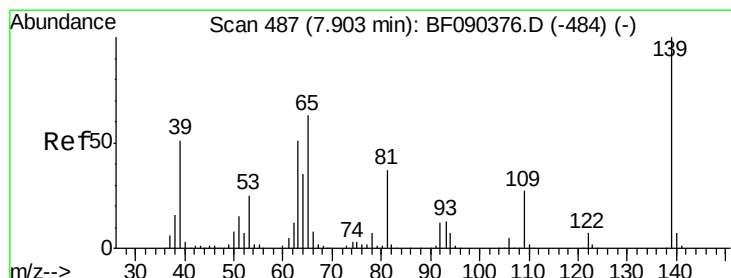
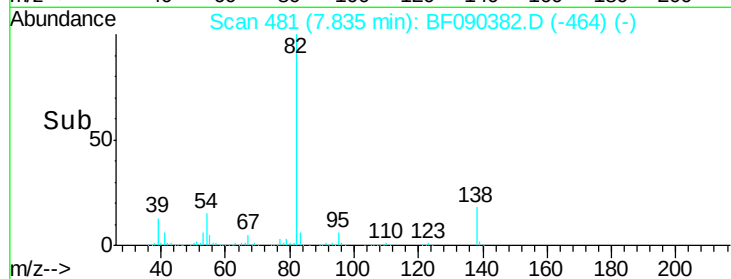
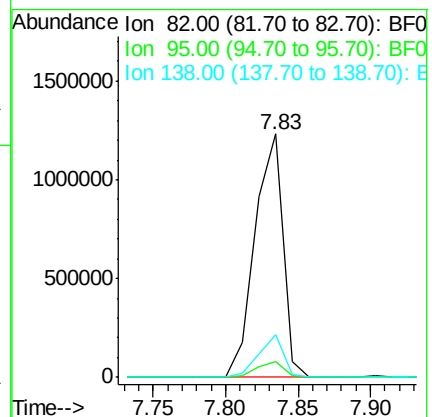
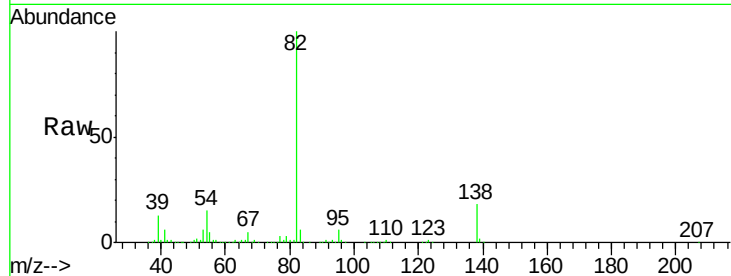
138 17.7 13.0 19.4

Manual Integrations

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SOHIL

10/6/2016 5:27:27 PM



#26

2-Nitrophenol

Concen: 38.86 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

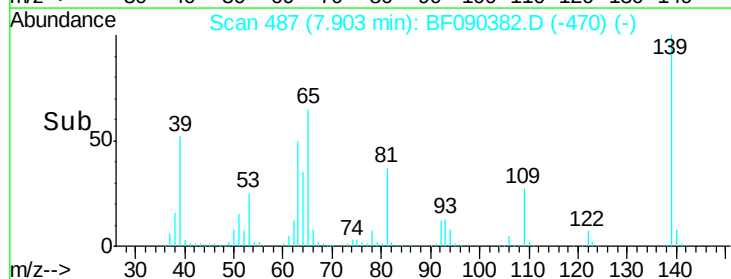
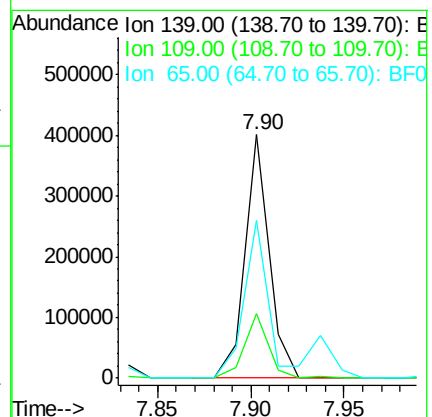
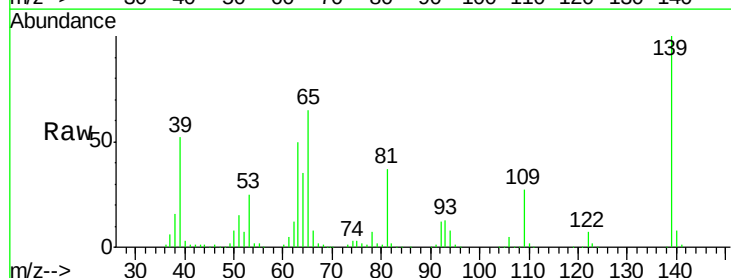
Tgt Ion: 139 Resp: 362674

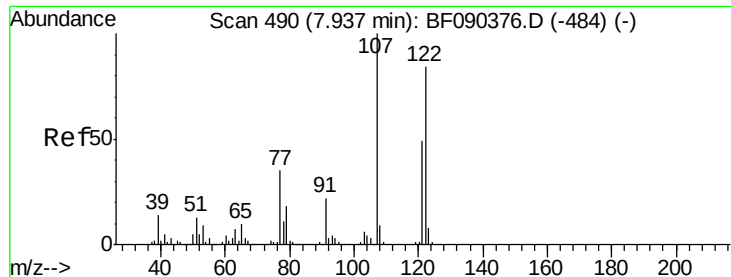
Ion Ratio Lower Upper

139 100

109 26.7 18.9 28.3

65 64.6 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 37.03 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

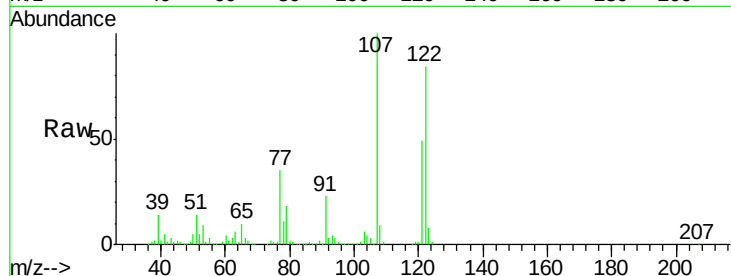
ClientSampleId :

SSTDCCC040

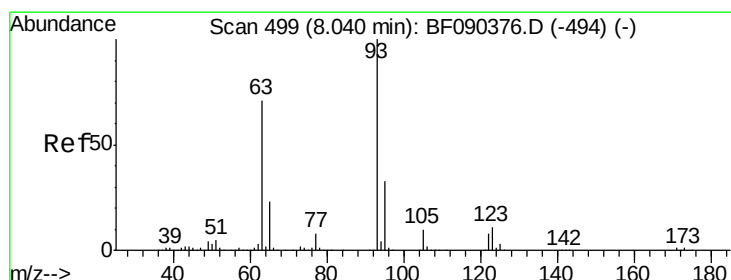
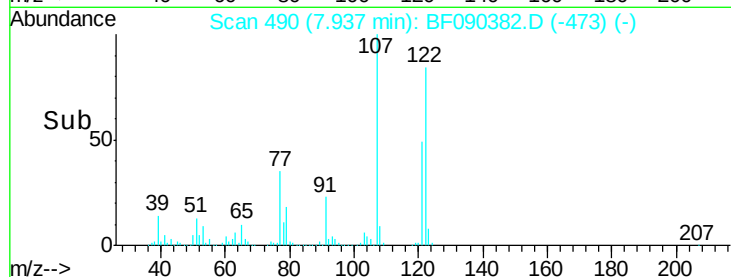
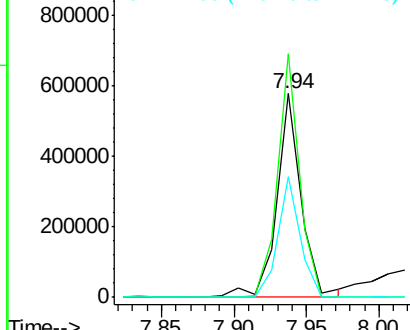
Tot Ion:	122	Resp:	672016
Ion Ratio	Lower	Upper	
122	100		
107	119.5	88.6	132.8
121	59.1	47.5	71.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.40 ng

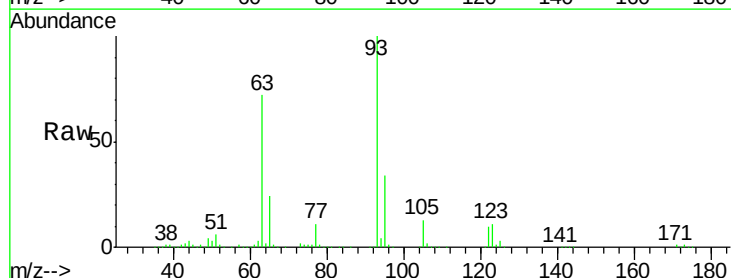
RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

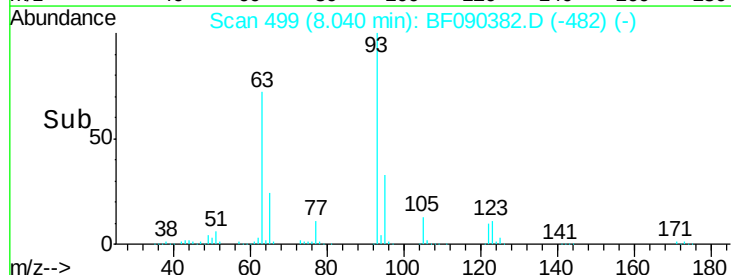
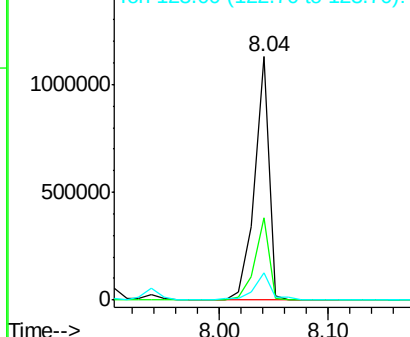
Lab File: BF090382.D

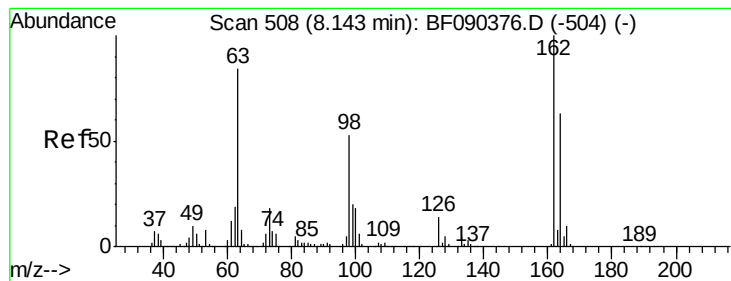
Acq: 5 Oct 2016 15:35

Tgt Ion:	93	Resp:	1048496
Ion Ratio	Lower	Upper	
93	100		
95	33.8	27.0	40.4
123	11.3	11.1	16.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.73 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 534343

Ion Ratio Lower Upper

162 100

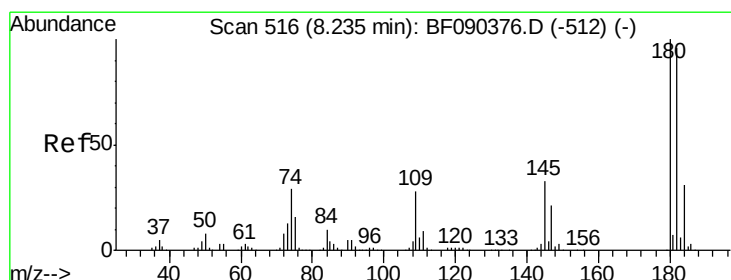
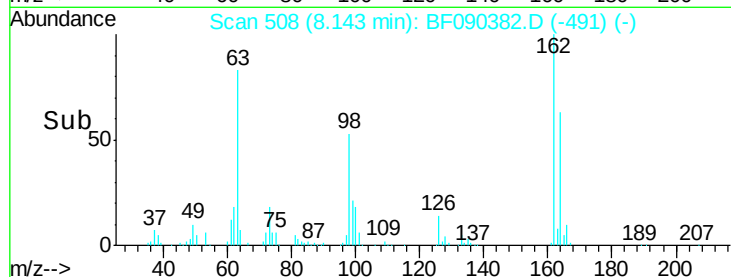
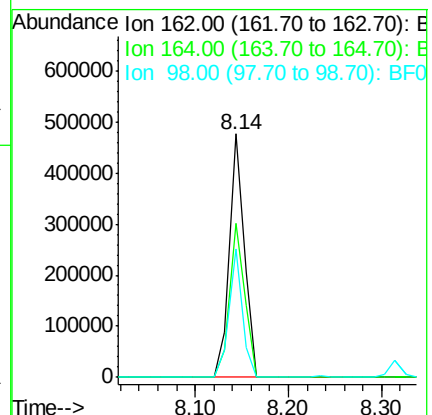
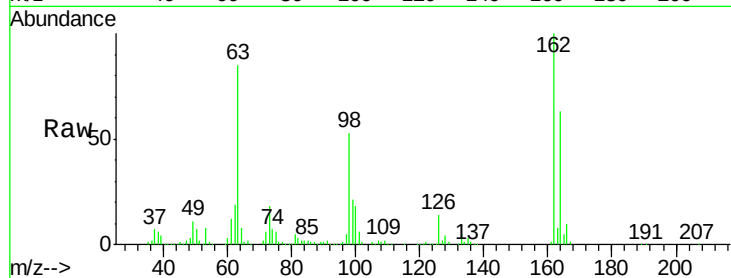
164 63.5 45.7 85.7

98 52.9 13.3 53.3

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#30

1,2,4-Trichlorobenzene

Concen: 42.22 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

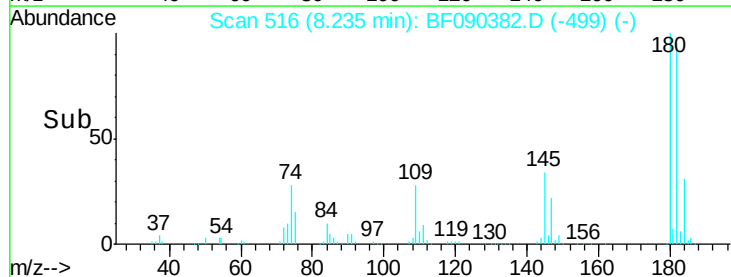
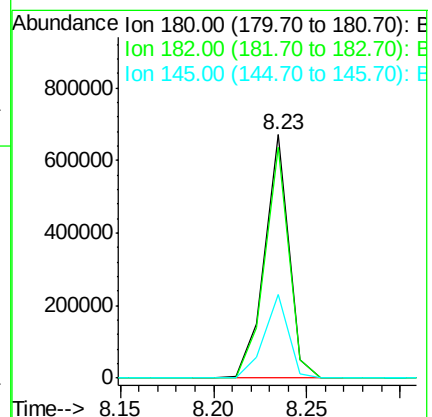
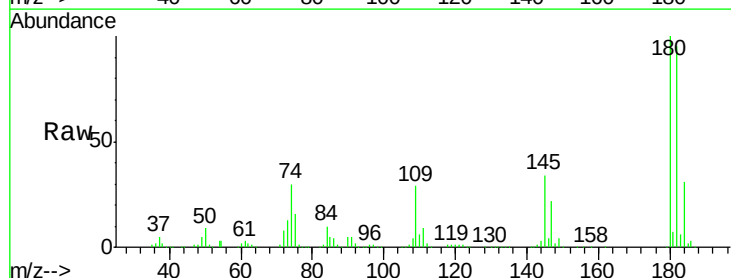
Tgt Ion:180 Resp: 600365

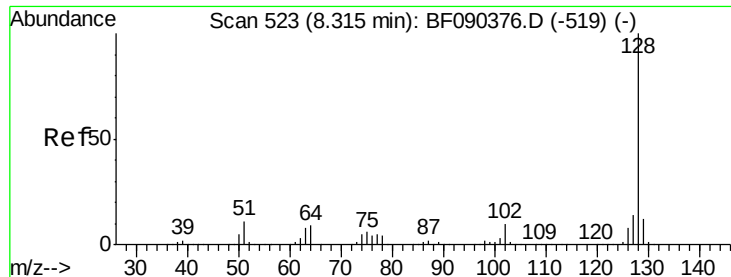
Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

145 34.1 27.7 41.5





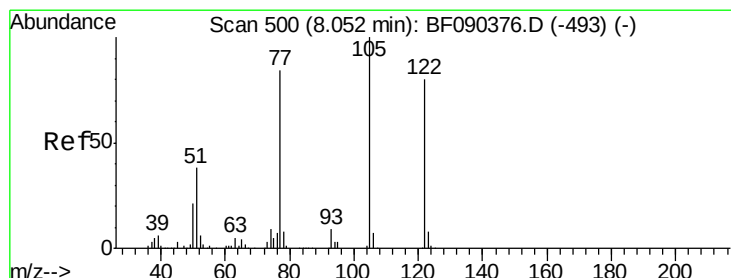
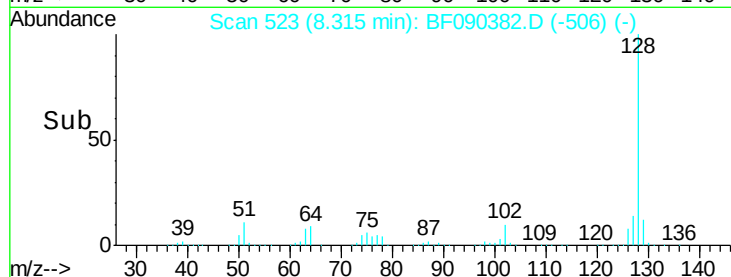
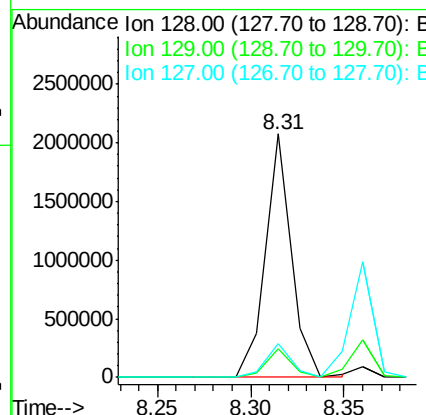
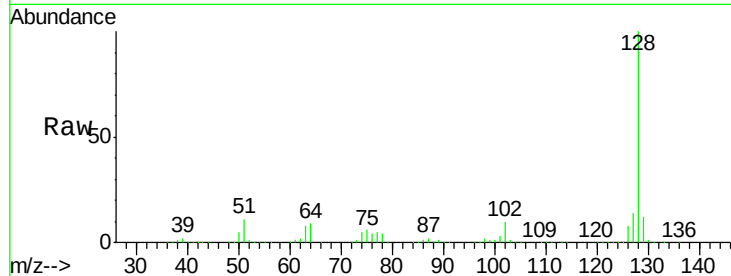
#31
Naphthalene
Concen: 38.76 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1986402
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 14.0 11.7 17.5

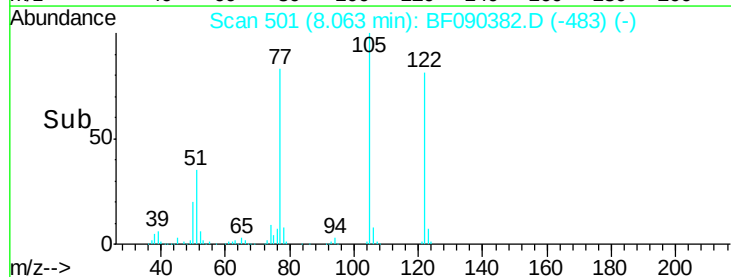
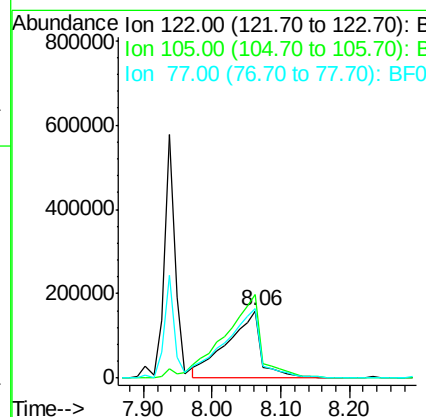
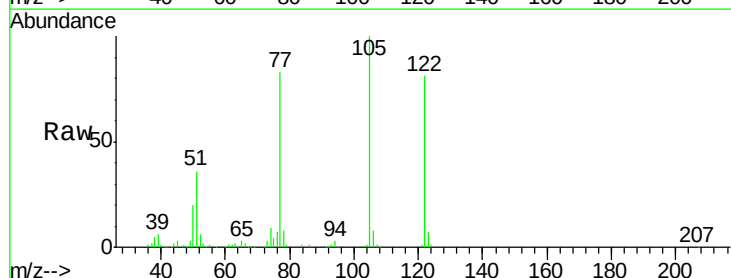
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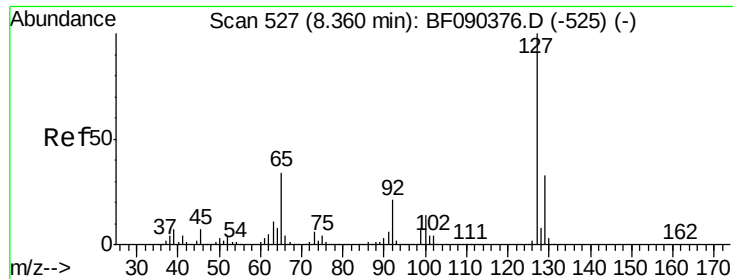
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#32
Benzoic acid
Concen: 43.89 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion:122 Resp: 553760
Ion Ratio Lower Upper
122 100
105 123.8 103.9 143.9
77 102.8 74.6 114.6





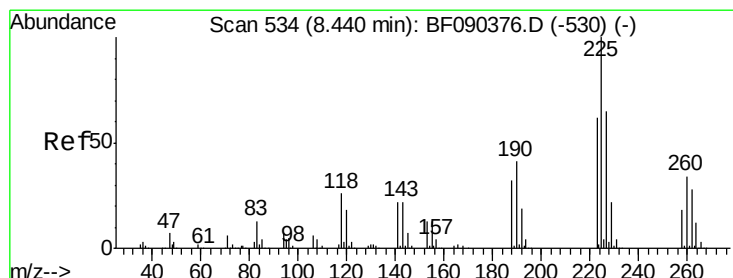
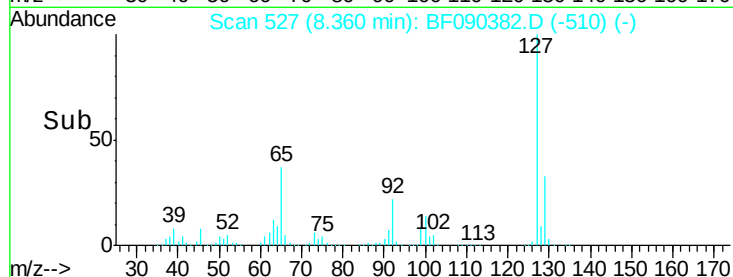
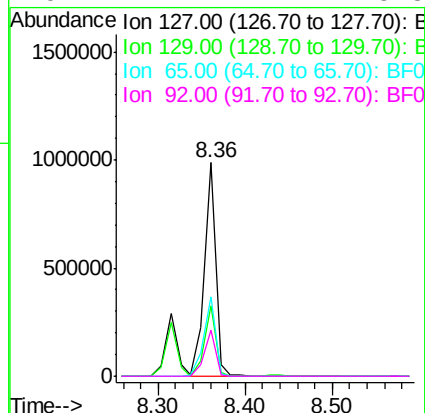
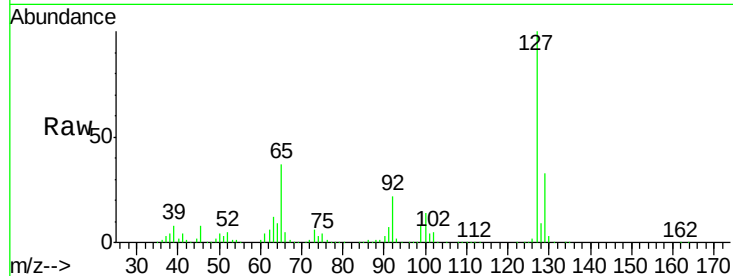
#33
4-Chloroaniline
Concen: 41.76 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.4		
65	37.4	32.5	48.7		
92	21.7	17.2	25.8		

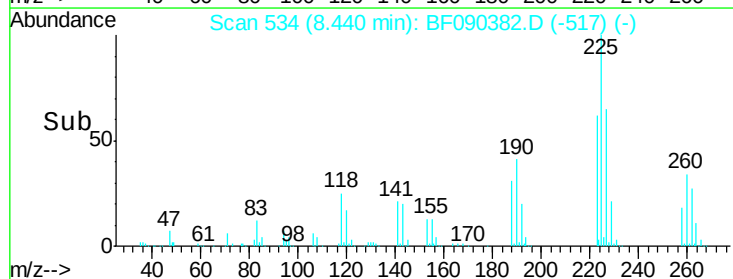
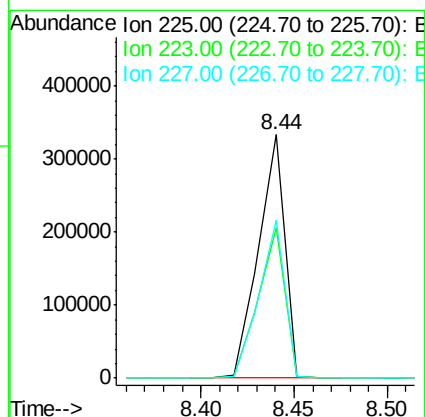
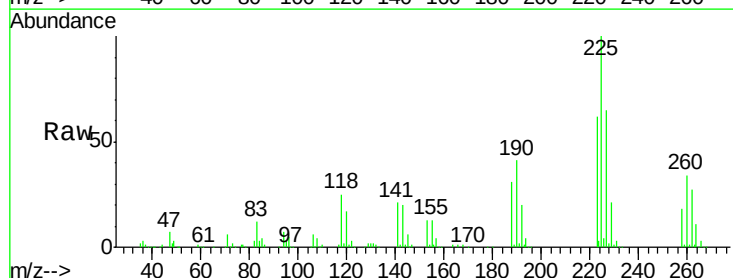
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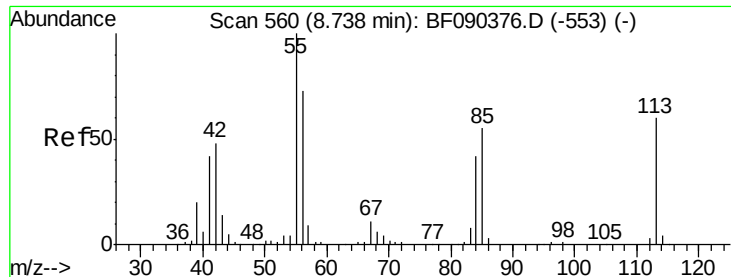
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#34
Hexachlorobutadiene
Concen: 41.61 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.0	76.4		
227	65.0	50.8	76.2		





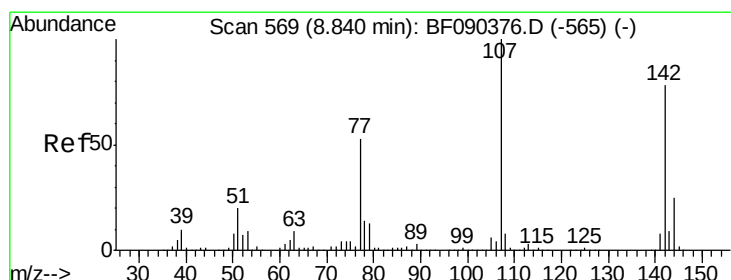
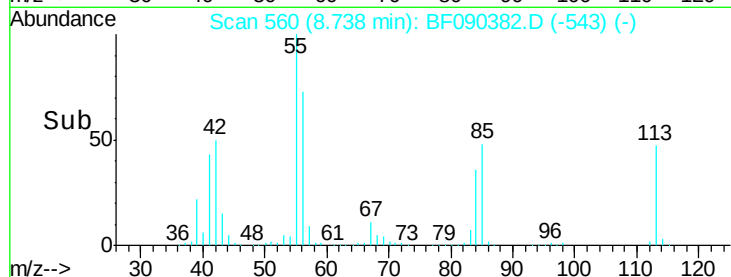
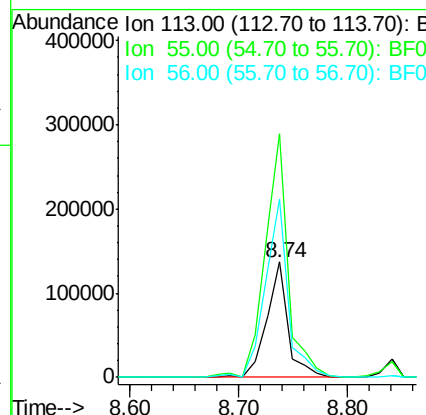
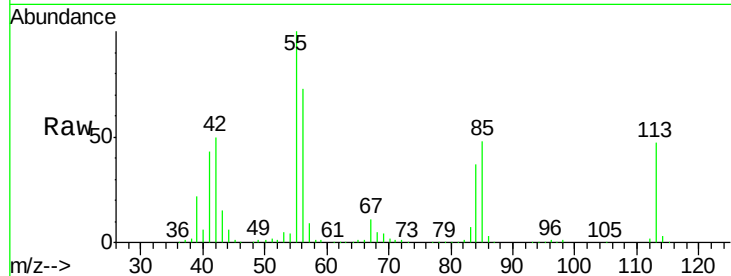
#35
Caprolactam
Concen: 40.63 ng
RT: 8.74 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.5	203.3	243.3
56	154.9	140.5	180.5

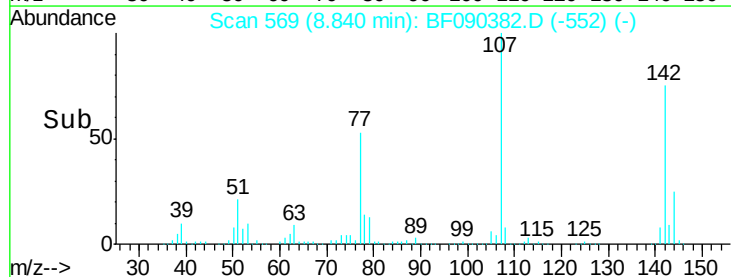
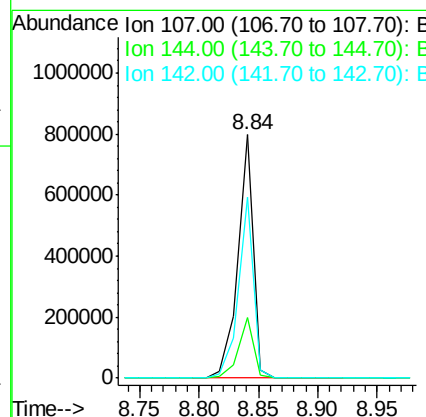
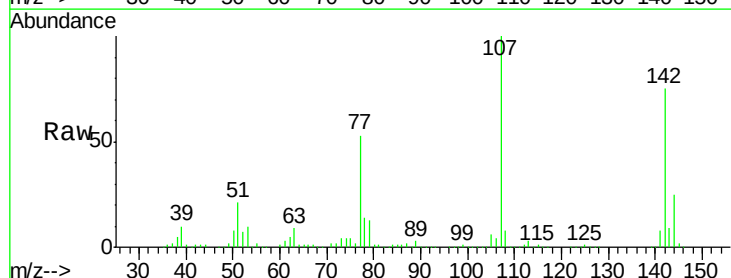
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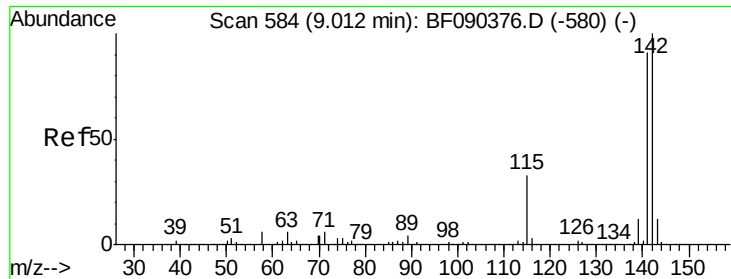
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#36
4-Chloro-3-methylphenol
Concen: 41.74 ng
RT: 8.84 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.8
142	74.5	60.7	91.1





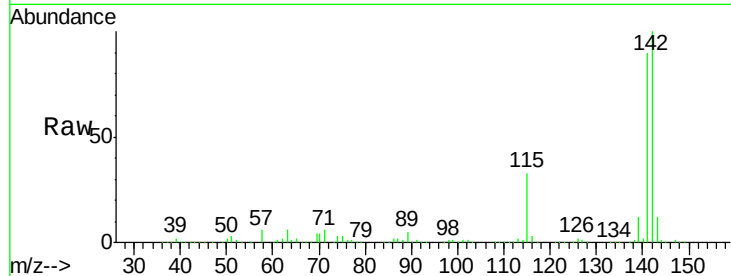
#37
2-Methylnaphthalene
Concen: 43.89 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

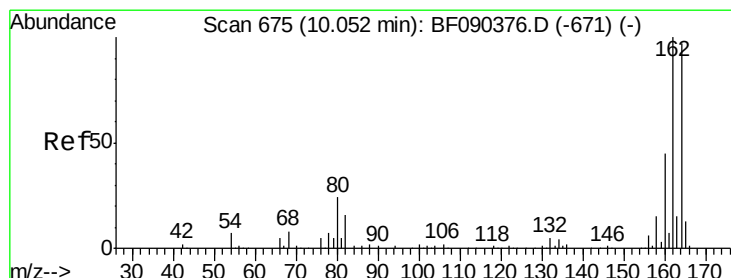
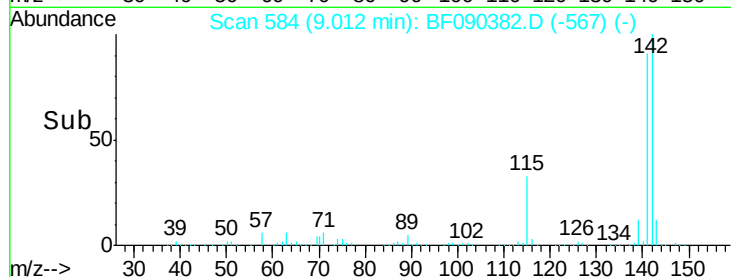
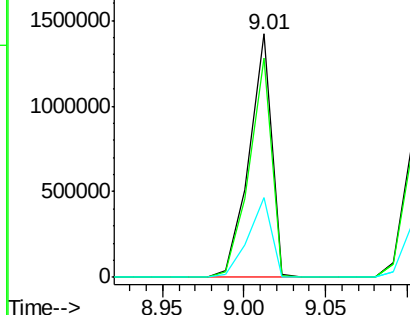
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8
115	32.9	28.8	43.2

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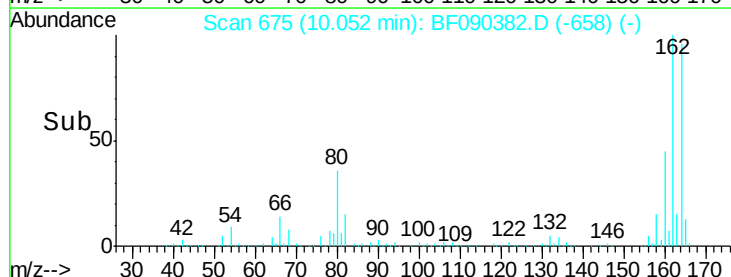
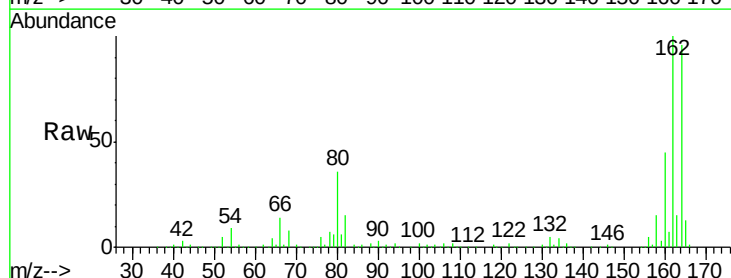
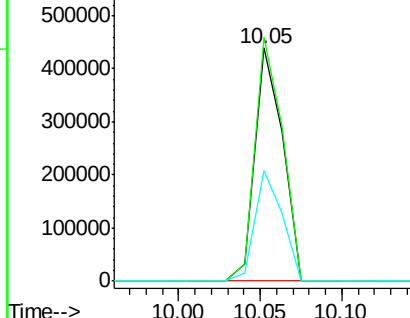
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

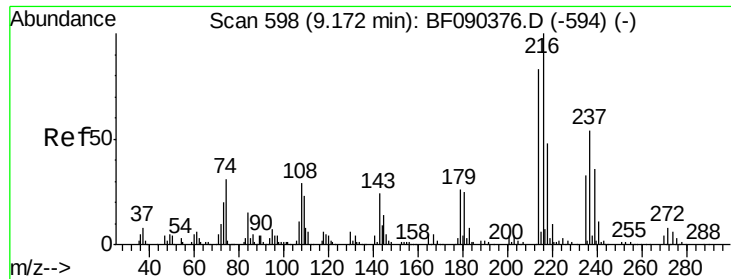


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.1	120.1
160	47.4	36.3	54.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





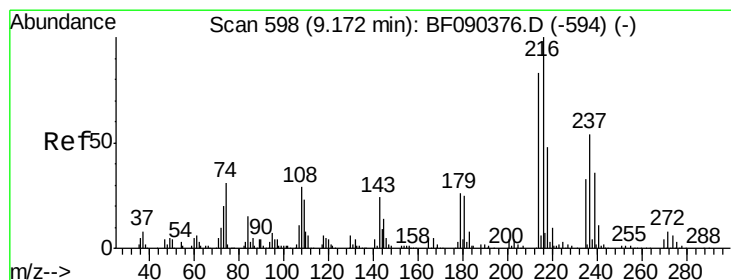
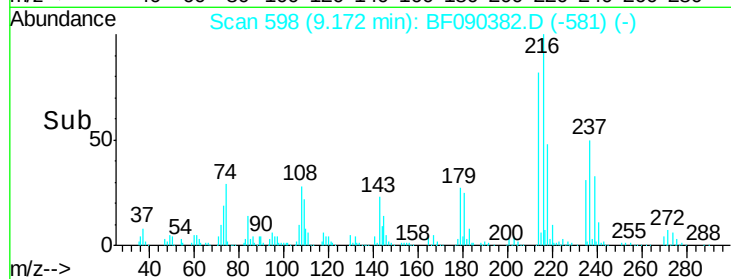
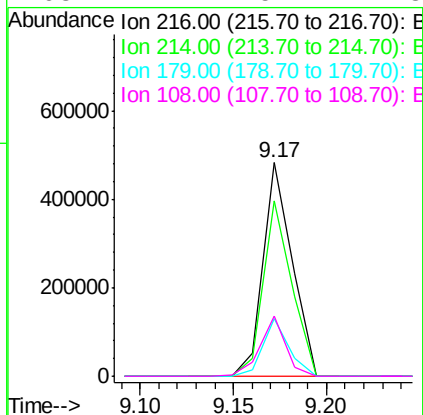
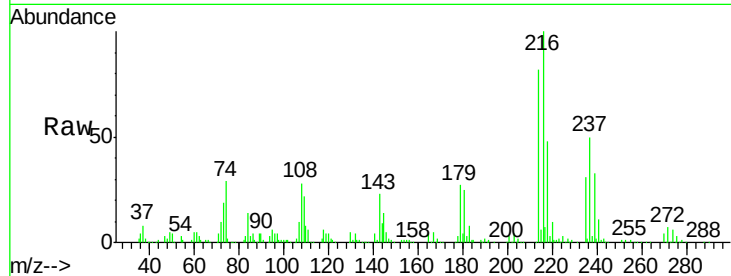
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.49 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.2	96.2
179	24.1	18.0	27.0
108	24.4	15.2	22.8

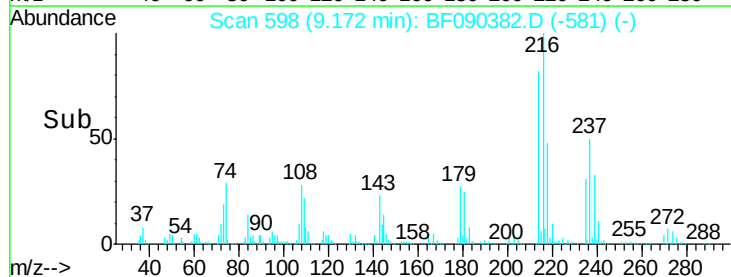
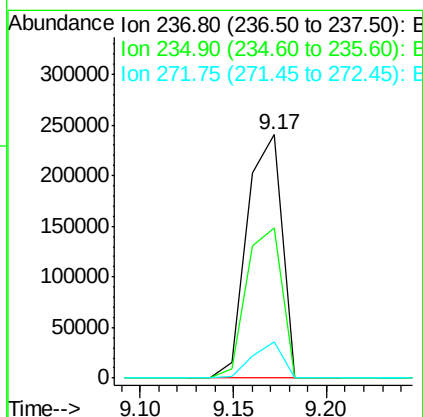
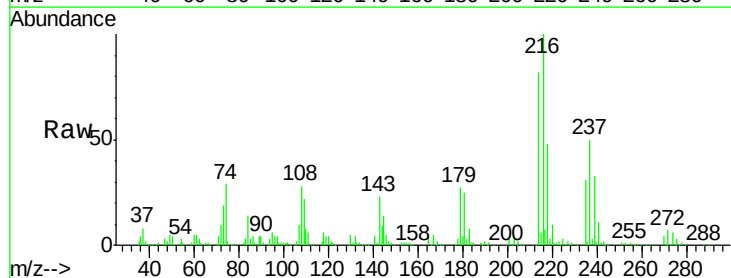
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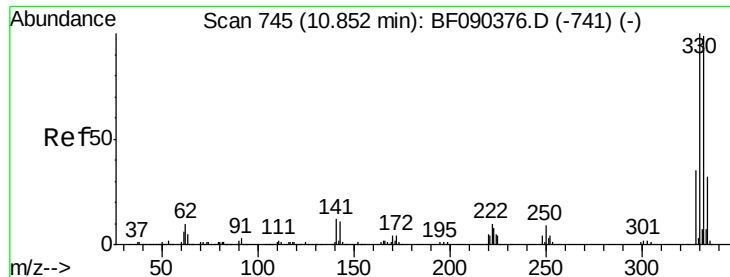
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#40
Hexachlorocyclopentadiene
Concen: 42.06 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.6	83.6
272	14.8	0.0	32.7





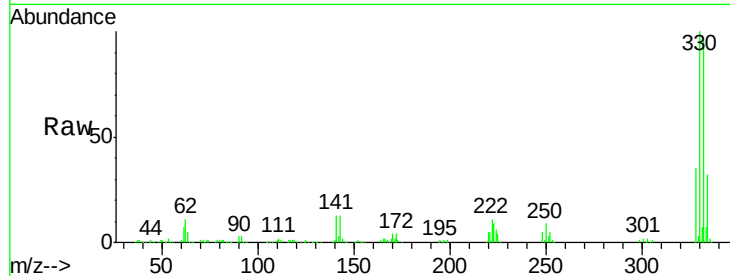
#41
 2,4,6-Tribromophenol
 Concen: 92.12 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

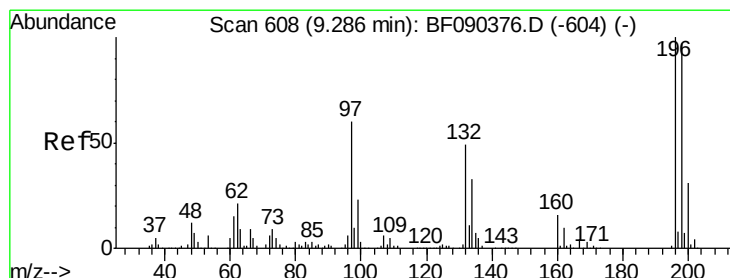
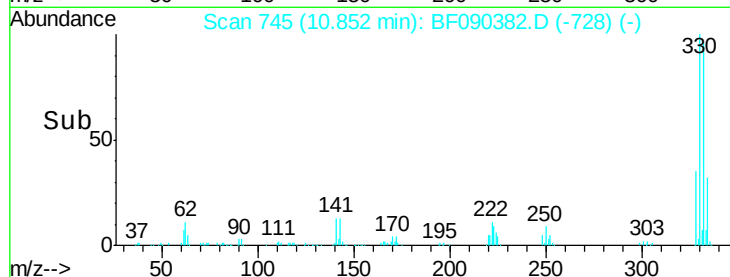
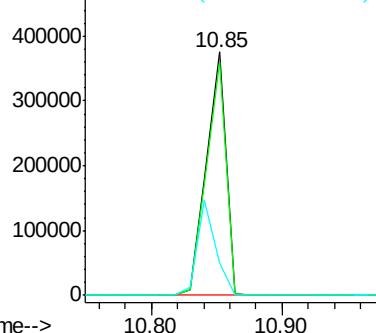
Tot Ion	Ratio	Resp	Lower	Upper
330	100	388224		
332	95.8	75.4	113.0	
141	37.2	26.9	40.3	

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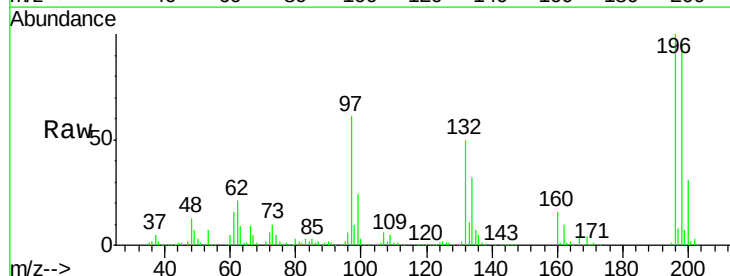


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

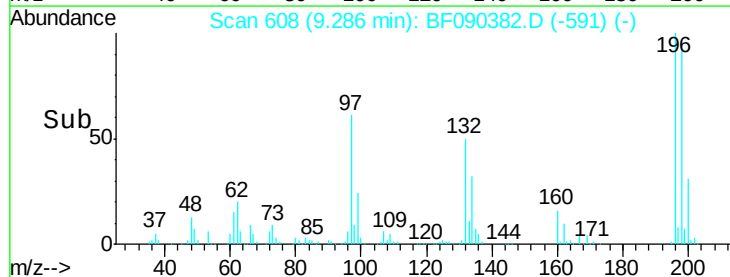
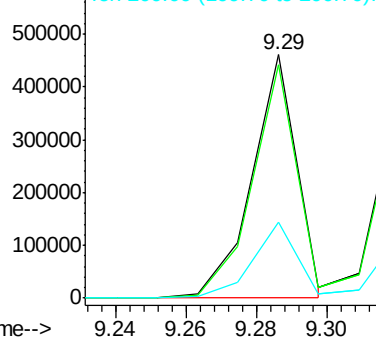


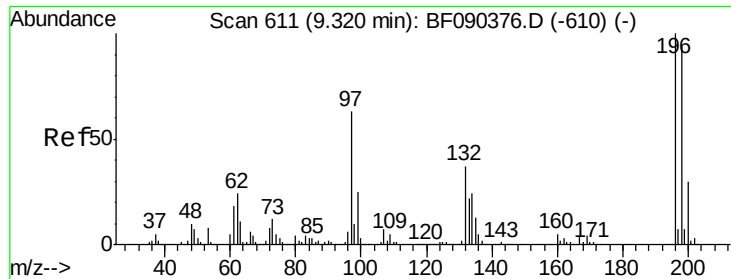
#42
 2,4,6-Trichlorophenol
 Concen: 43.15 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406913		
198	96.1	78.9	118.3	
200	31.2	25.4	38.2	



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





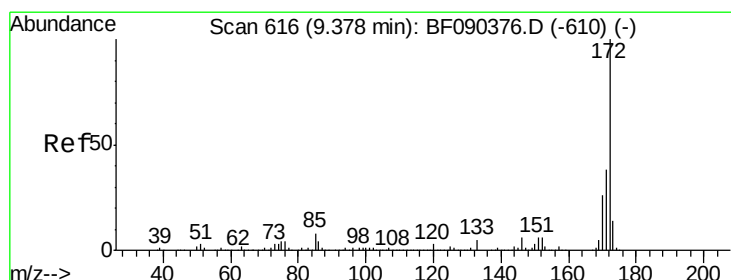
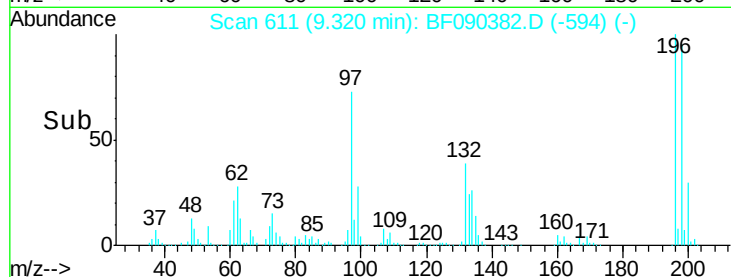
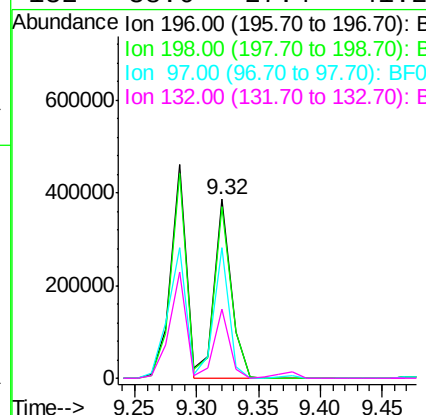
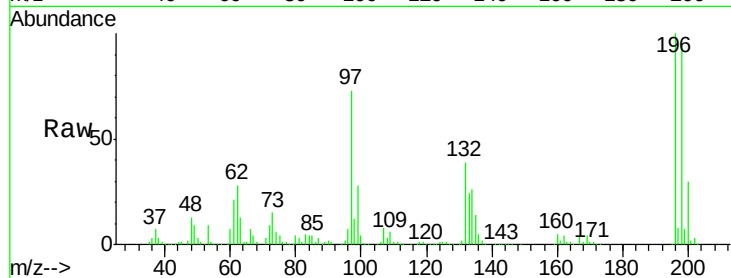
#43
 2,4,5-Trichlorophenol
 Concen: 41.45 ng/ml
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	369594		
198	95.5	78.1	117.1	
97	72.9	48.1	72.1	
132	38.6	27.4	41.2	

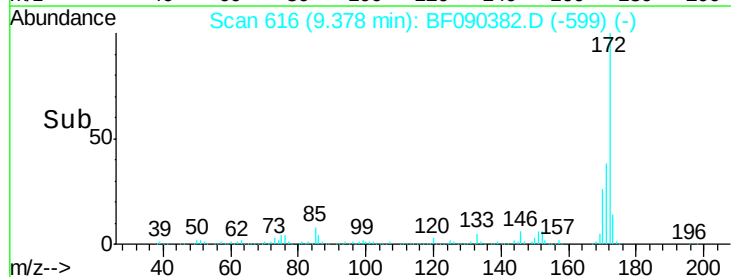
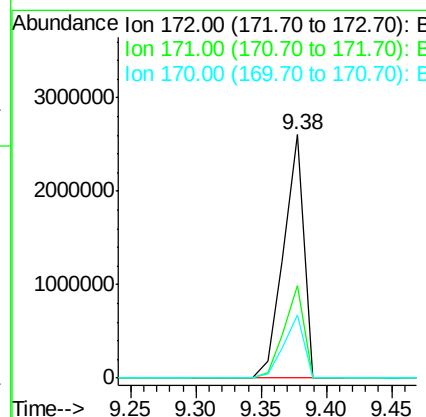
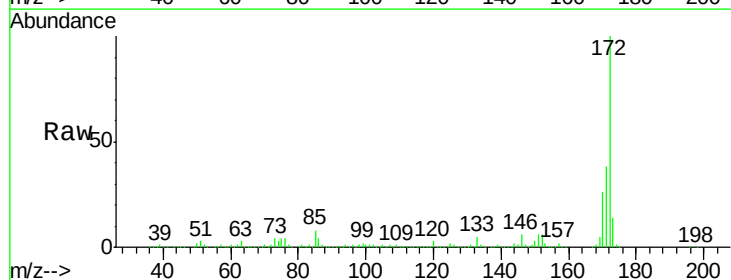
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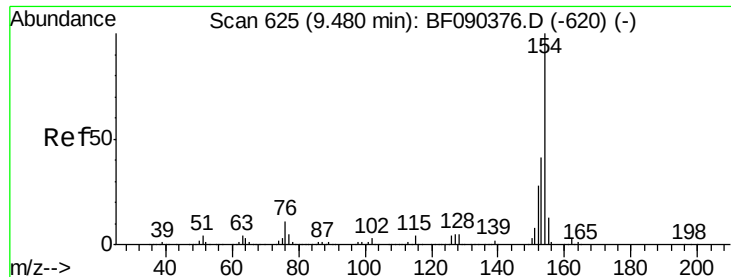
SOHIL
 10/6/2016 5:27:27 PM



#44
 2-Fluorobiphenyl
 Concen: 89.12 ng/ml
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2772285		
171	38.0	31.8	47.8	
170	26.2	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 43.11 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1655511

Ion Ratio Lower Upper

154 100

153 41.2 23.8 63.8

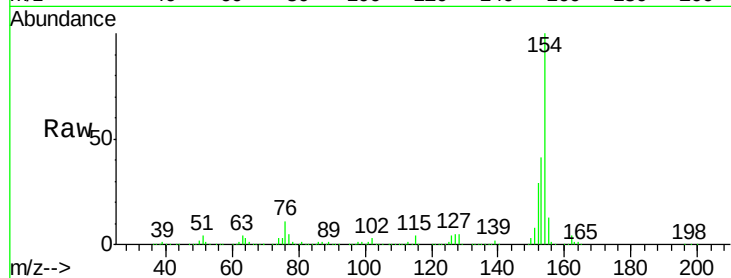
76 11.3 0.0 35.8

Manual Integrations

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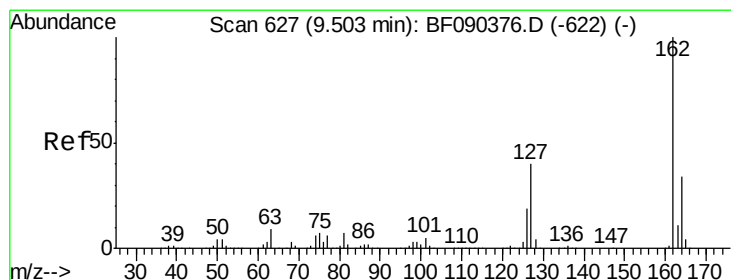
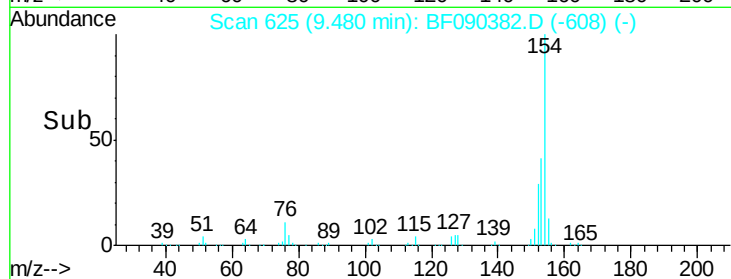
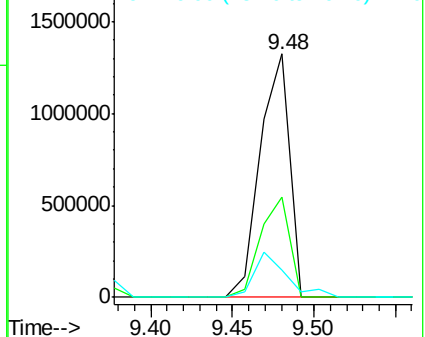
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.85 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

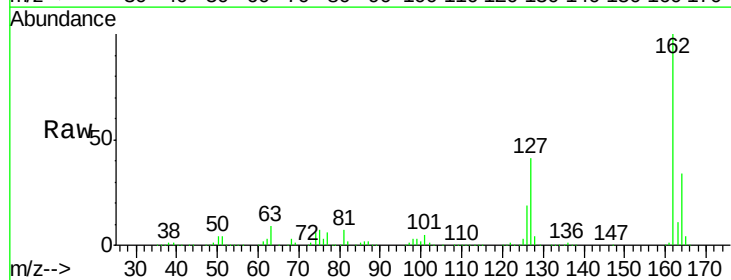
Tgt Ion:162 Resp: 1301050

Ion Ratio Lower Upper

162 100

127 40.7 35.6 53.4

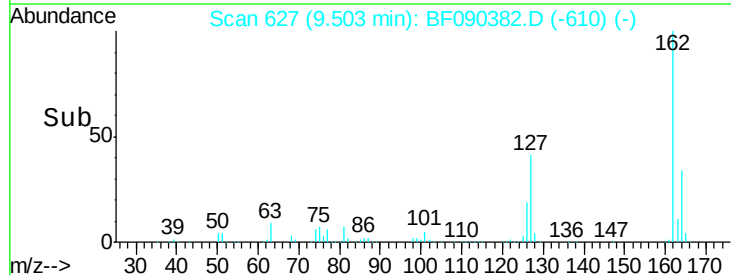
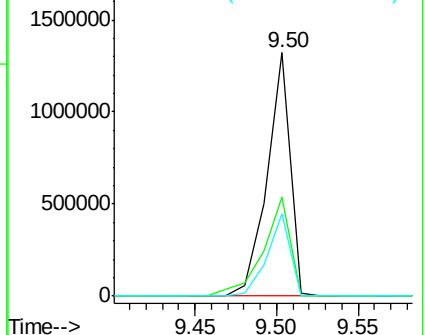
164 33.8 27.5 41.3

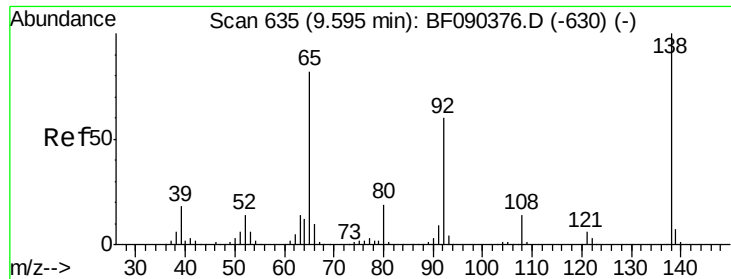


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





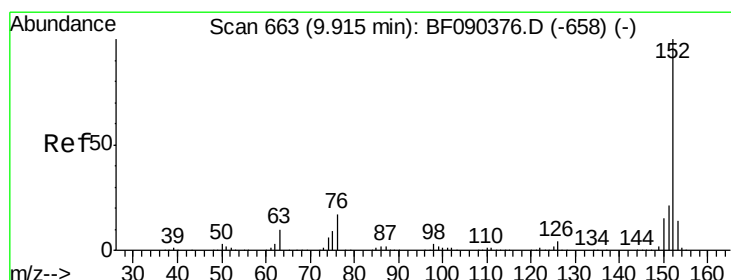
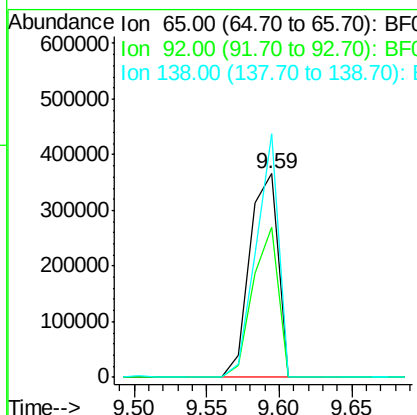
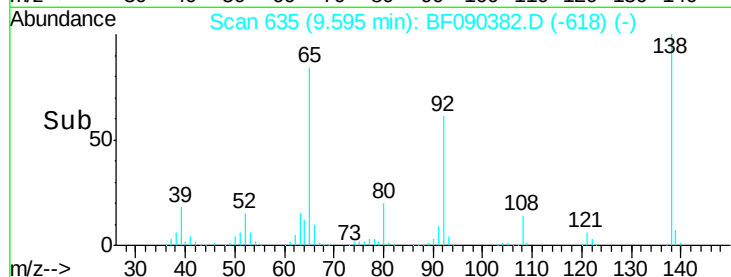
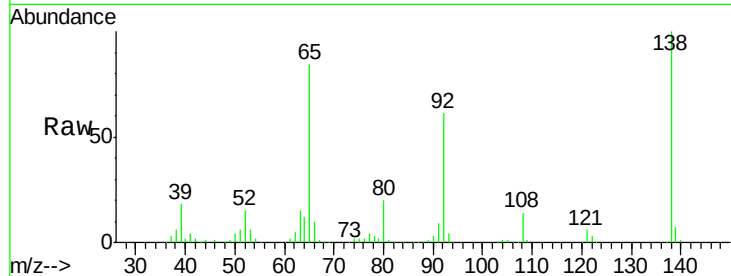
#47
 2-Nitroaniline
 Concen: 44.32 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	51.7	77.5
138	119.4	79.0	118.4#

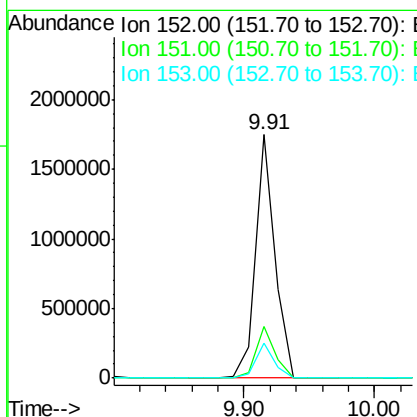
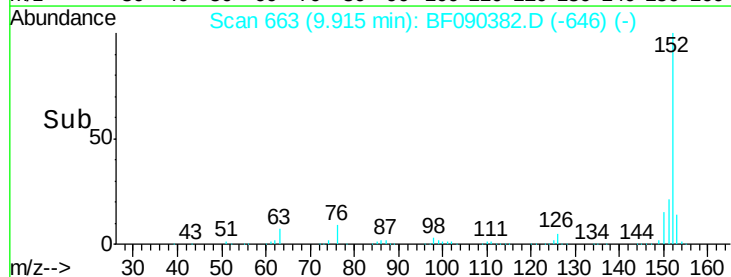
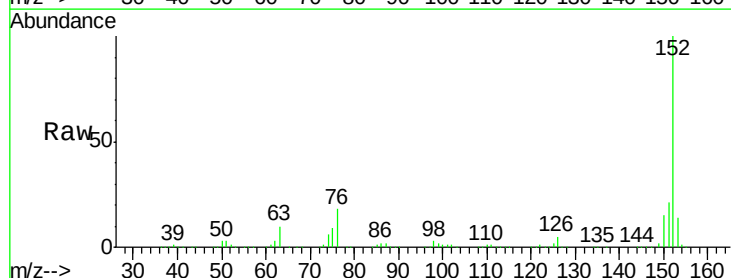
Manual Integrations
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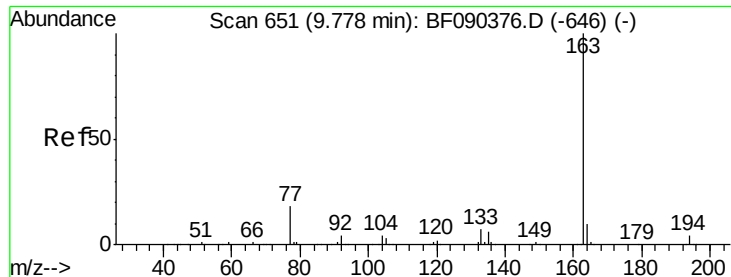
SOHIL
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#48
 Acenaphthylene
 Concen: 38.45 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.0
153	14.3	11.6	17.4





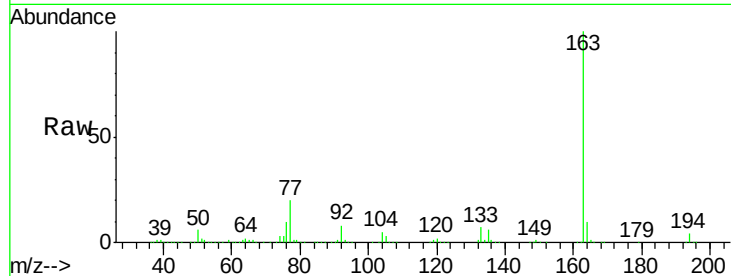
#49
Dimethylphthalate
Concen: 45.12 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

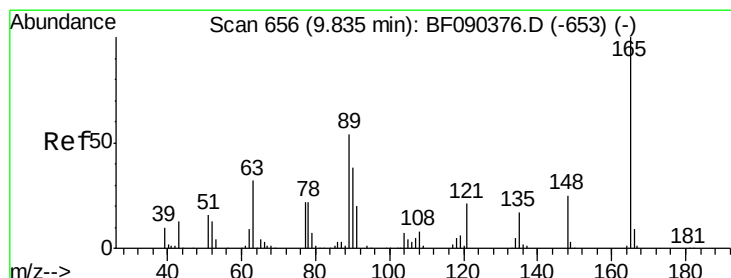
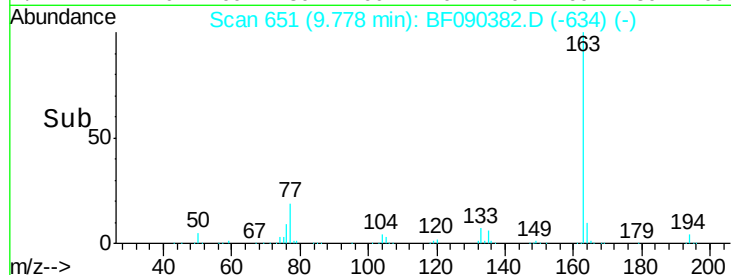
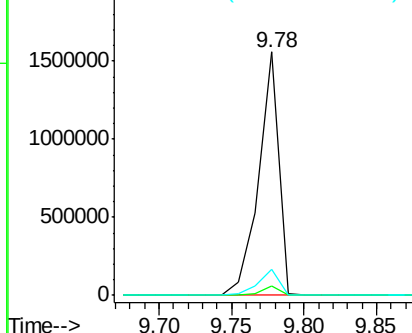
Tot Ion:163 Resp: 1497556
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 9.0 13.4

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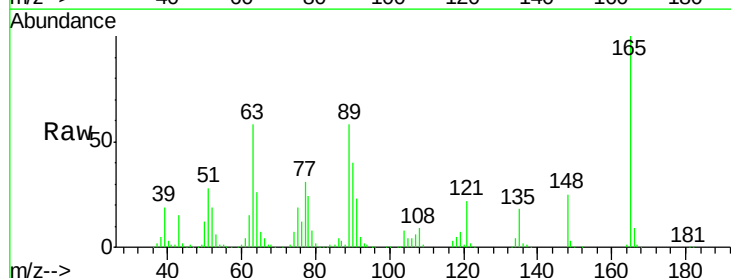


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

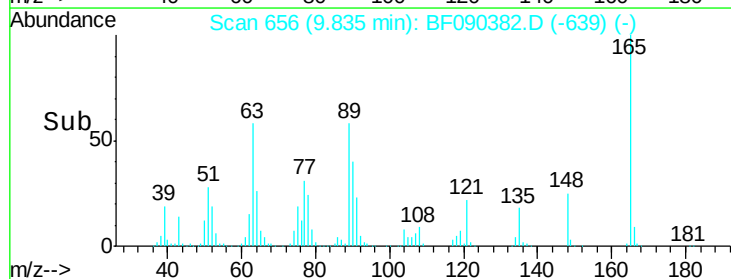
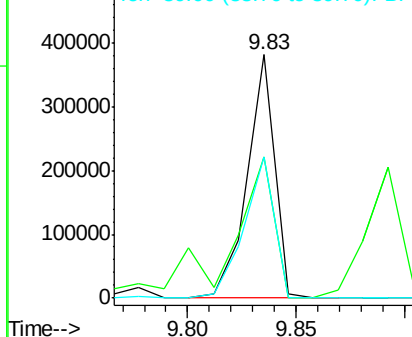


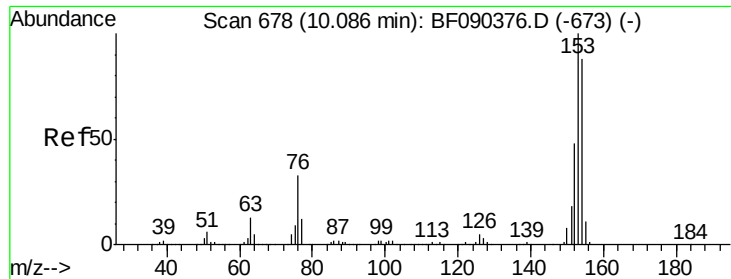
#50
2,6-Dinitrotoluene
Concen: 45.34 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion:165 Resp: 334133
Ion Ratio Lower Upper
165 100
63 58.2 58.0 87.0
89 58.2 51.2 76.8



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





#51

Acenaphthene

Concen: 40.42 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1180180

Ion Ratio Lower Upper

154 100

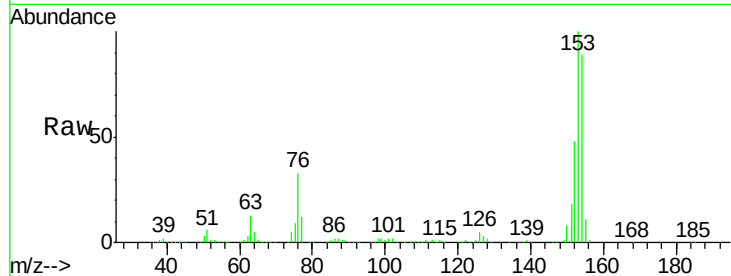
153 112.7 88.6 133.0

152 54.4 42.6 64.0

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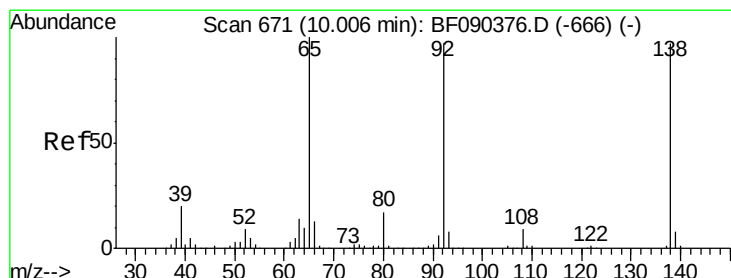
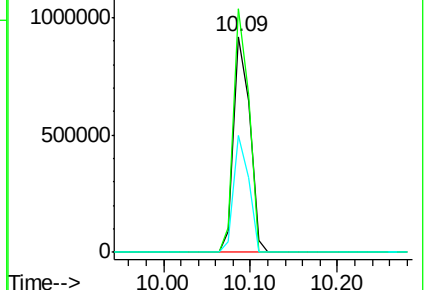
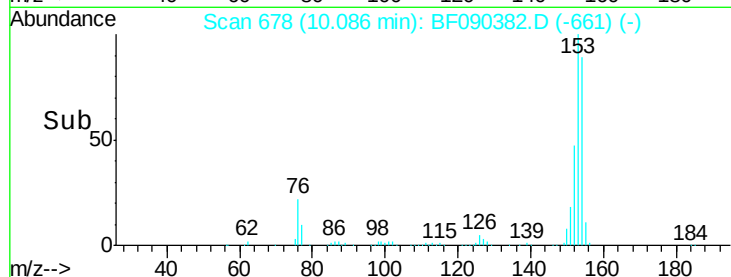
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.16 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

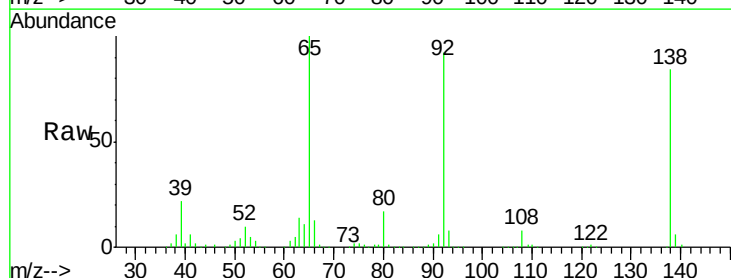
Tgt Ion:138 Resp: 414571

Ion Ratio Lower Upper

138 100

108 9.6 9.7 14.5#

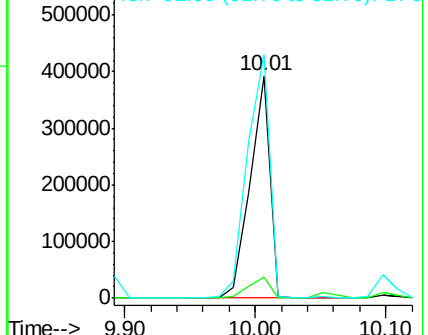
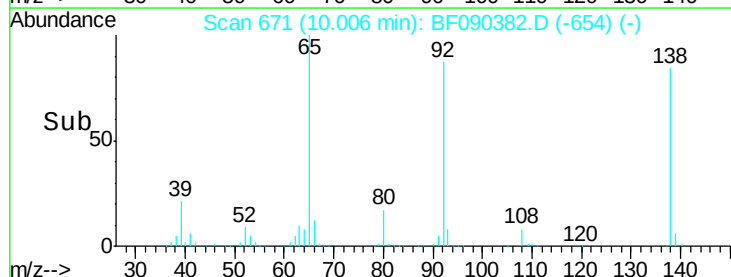
92 109.7 97.1 145.7

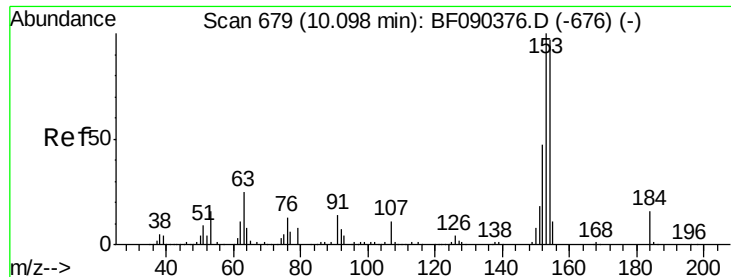


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





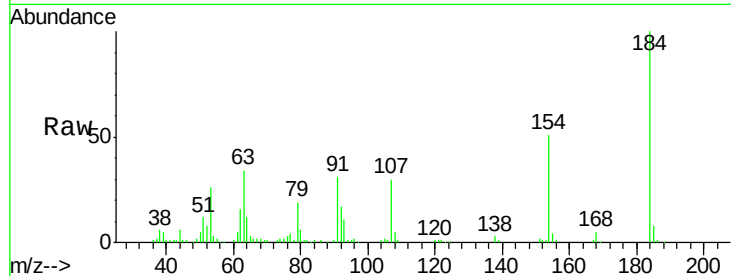
#53
2,4-Dinitrophenol
Concen: 43.02 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

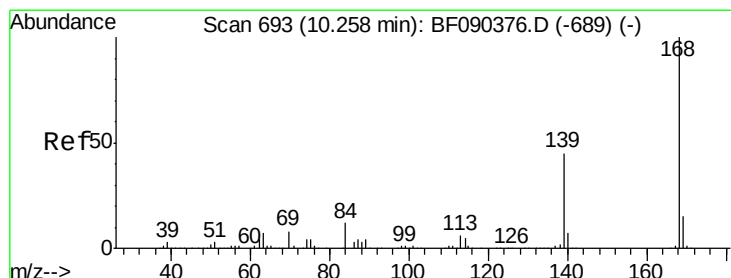
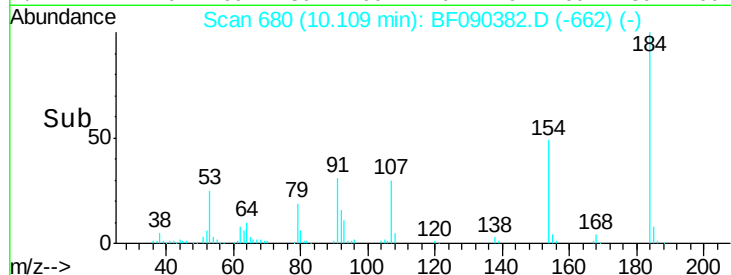
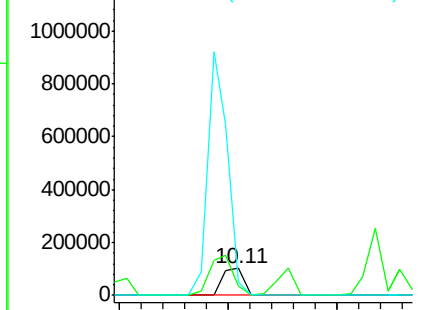
Tot Ion	Ratio	Resp	Lower	Upper
184	100	141361		
63	33.5	41.9	62.9#	
154	50.7	48.9	73.3	

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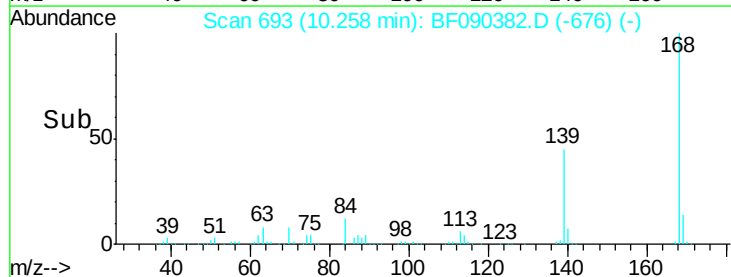
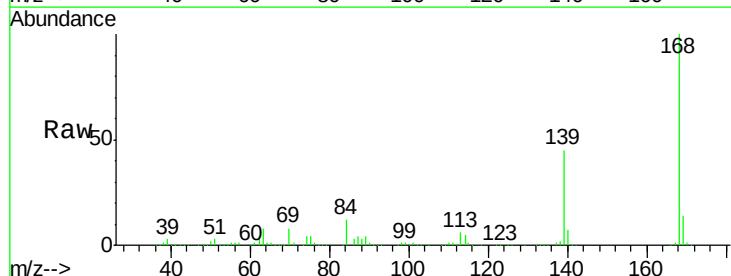
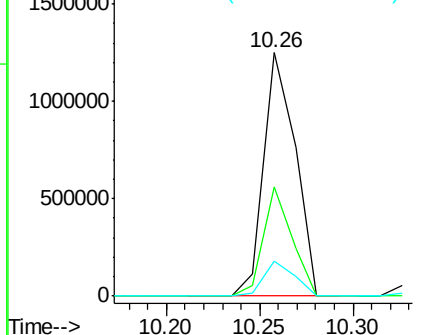
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

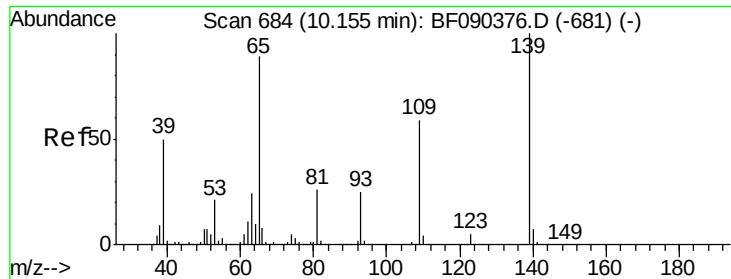


#54
Dibenzofuran
Concen: 38.71 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1462560		
139	44.8	29.6	44.4#	
169	14.5	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





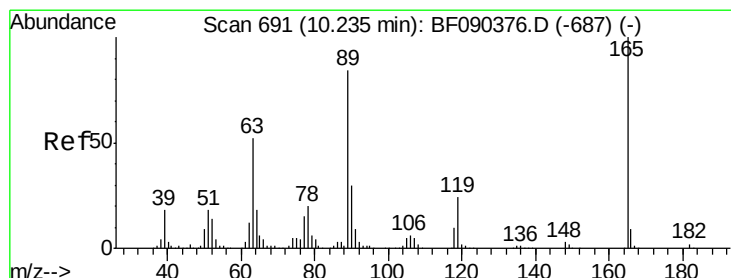
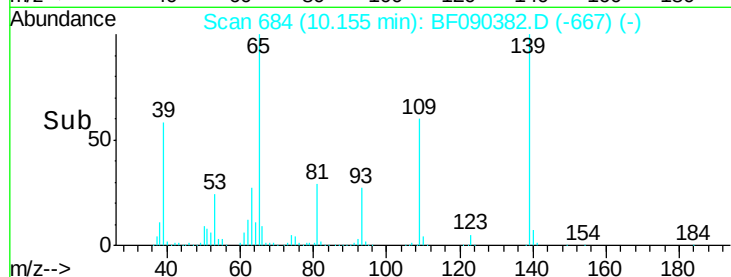
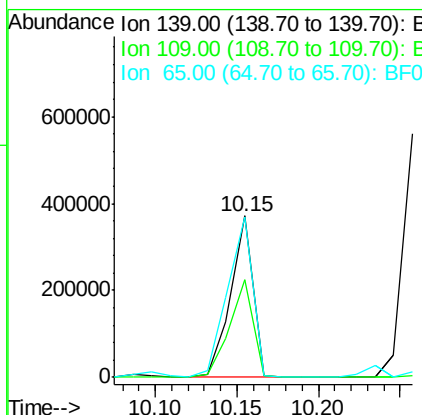
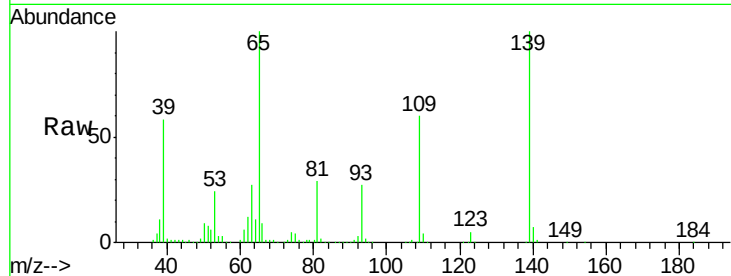
#55
4-Nitrophenol
Concen: 46.96 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.2	43.6	83.6
65	99.7	87.5	127.5

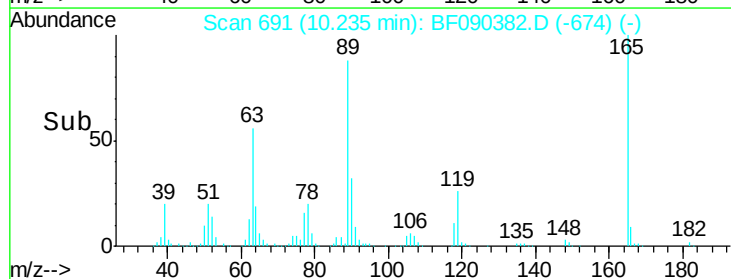
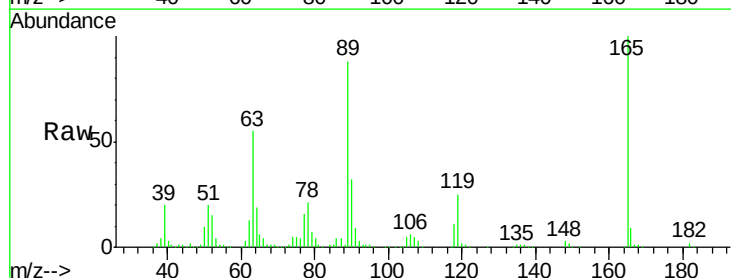
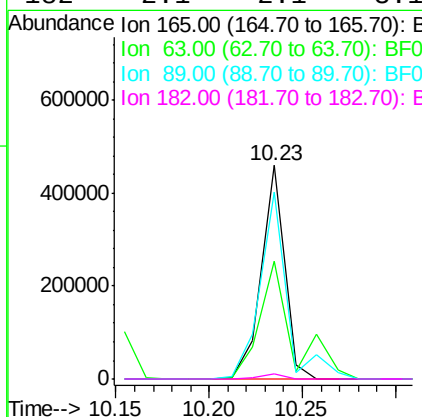
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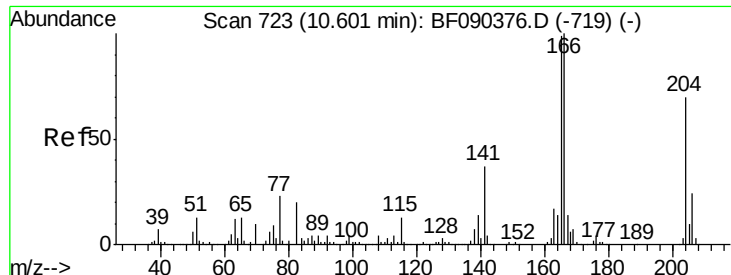
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#56
2,4-Dinitrotoluene
Concen: 40.16 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	17.8	26.6#
89	87.5	33.2	49.8#
182	2.1	2.1	3.1





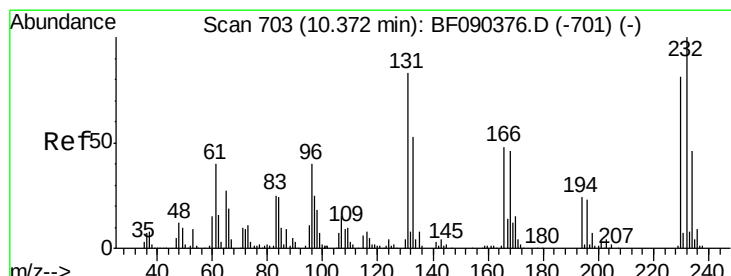
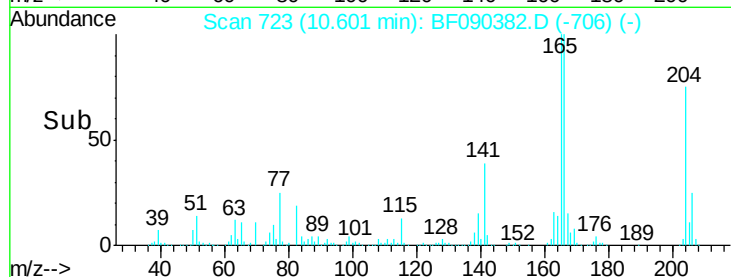
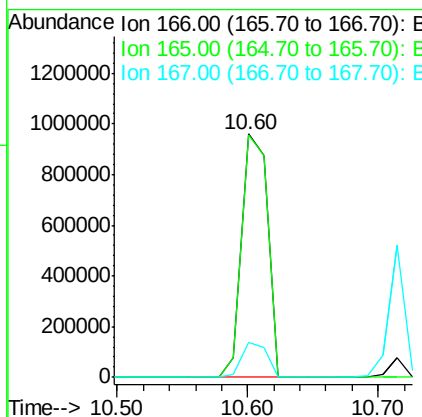
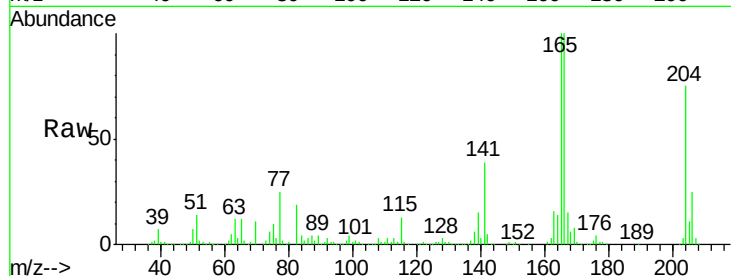
#57
Fluorene
 Concen: 41.44 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	14.6	11.1	16.7

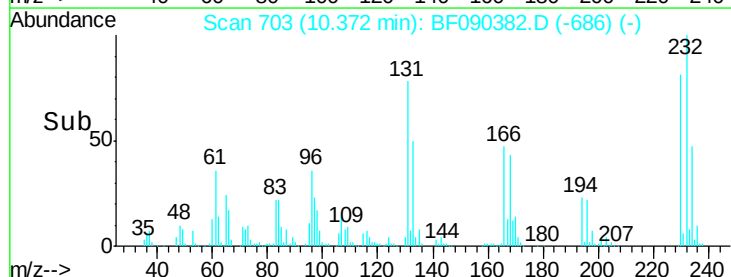
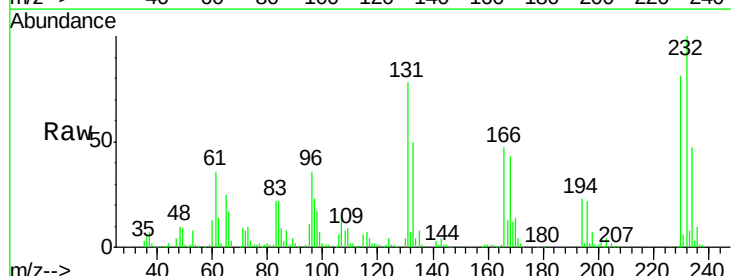
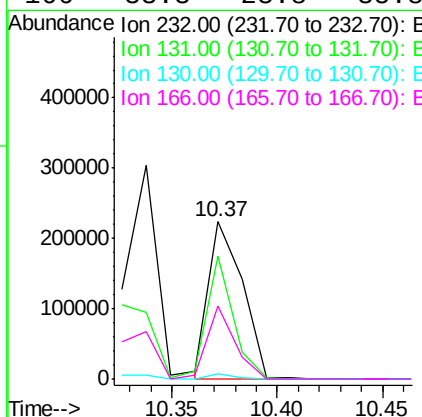
Manual Integrations
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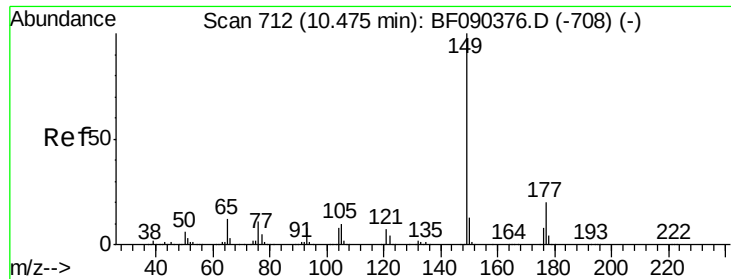
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.17 ng m
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.1	34.5	51.7#
130	2.8	1.6	2.4#
166	33.3	23.8	35.8





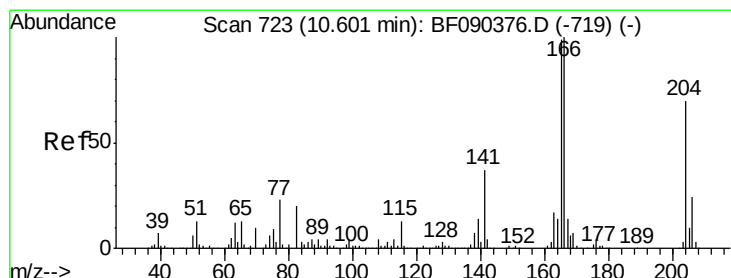
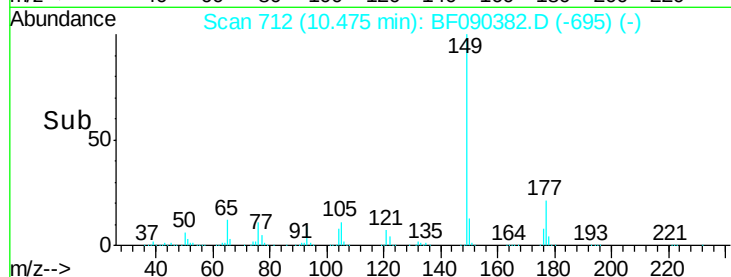
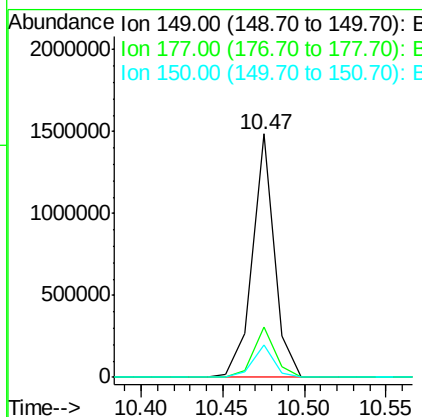
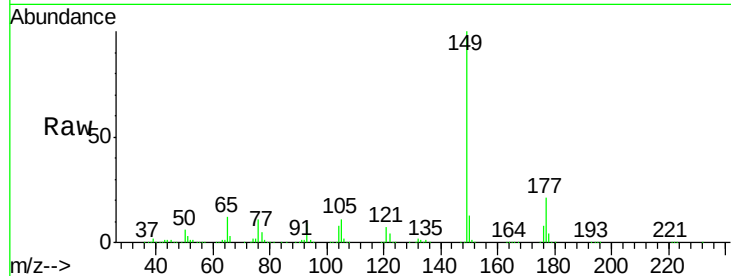
#59
Diethylphthalate
Concen: 40.41 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	21.1	31.7#
150	13.1	10.2	15.2

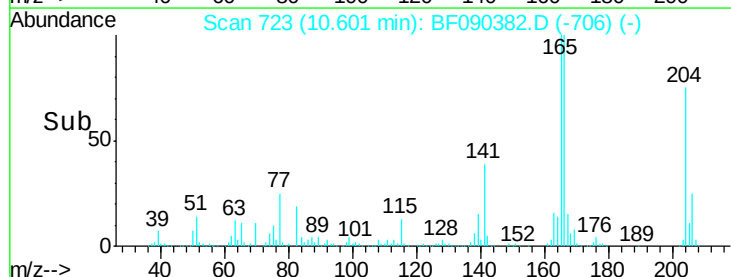
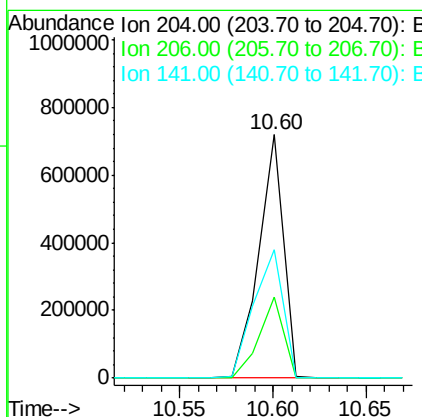
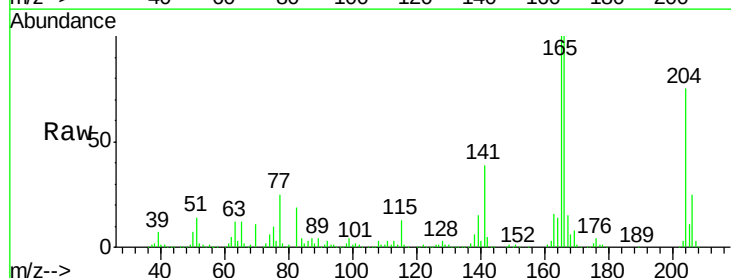
Manual Integrations
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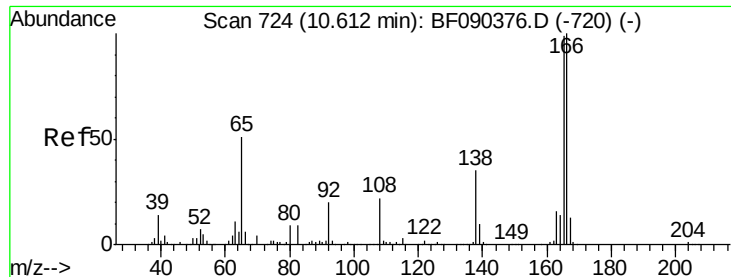
SOHIL
10/6/2016 5:27:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.59 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	52.6	51.7	77.5





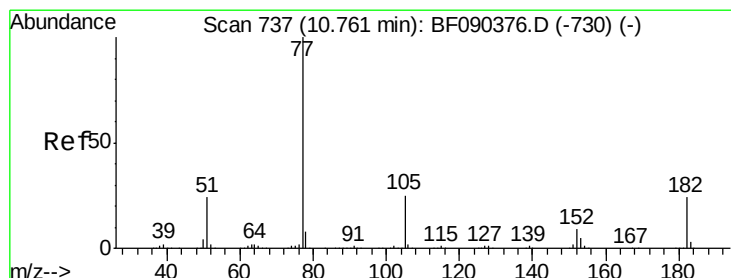
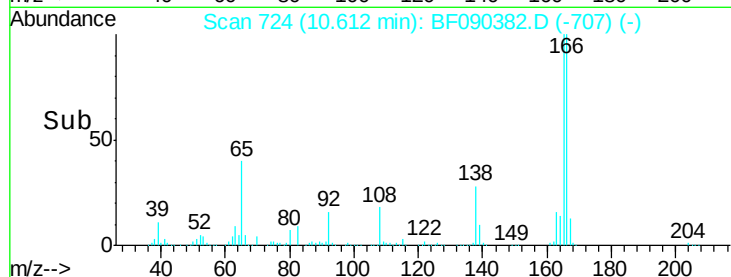
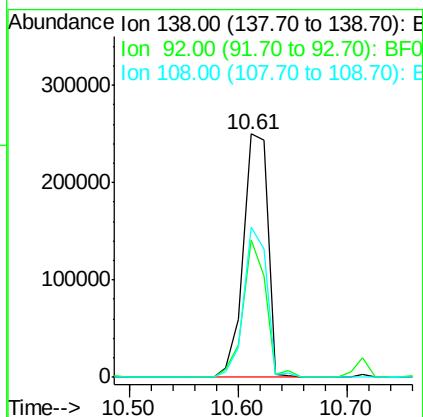
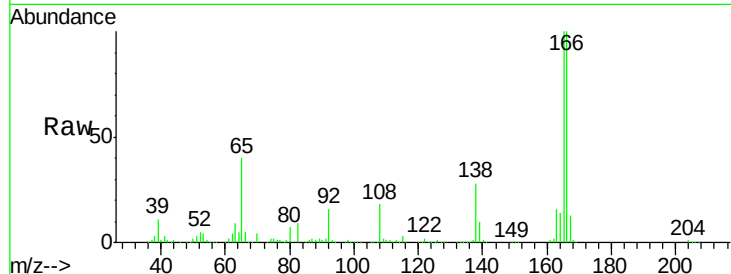
#61
4-Nitroaniline
Concen: 45.18 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	391903		
92	56.4	33.2	73.2	
108	61.6	48.5	88.5	

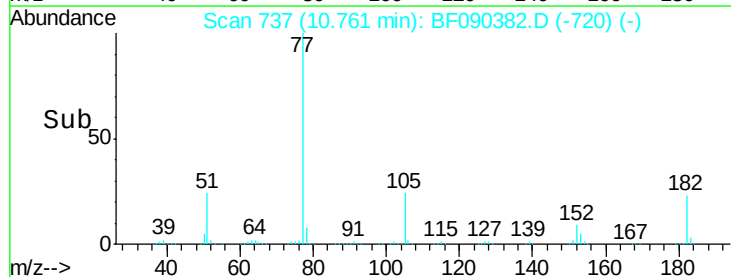
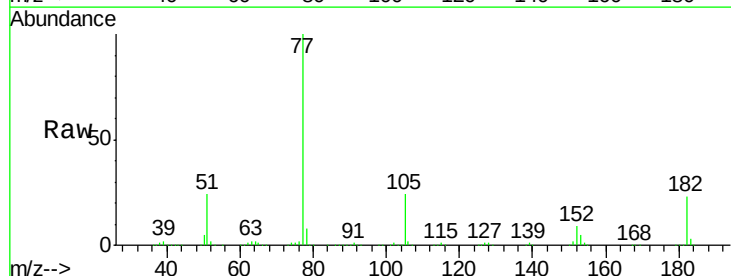
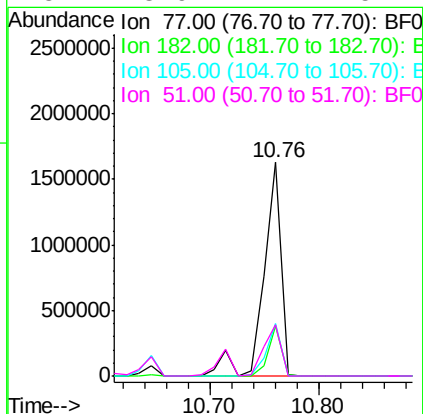
Manual Integrations
APPROVED

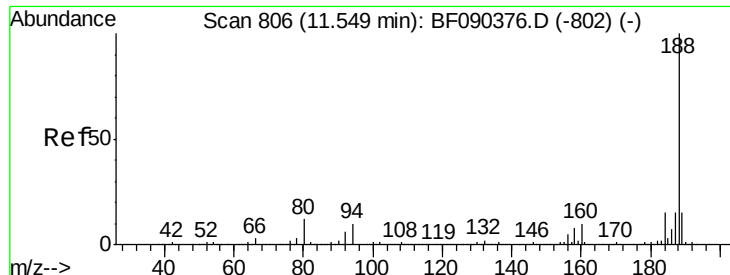
SOHIL
10/6/2016 5:27:27 PM



#62
Azobenzene
Concen: 46.50 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1844451		
182	23.4	3.2	43.2	
105	24.5	2.9	42.9	
51	23.9	14.2	54.2	





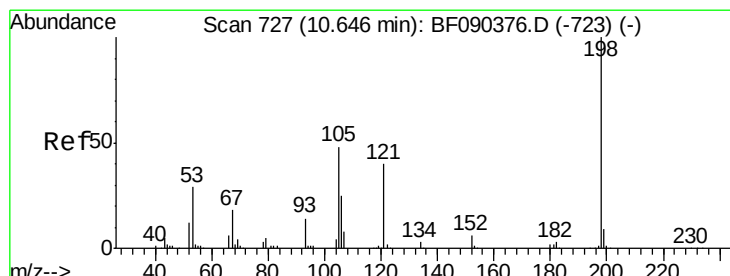
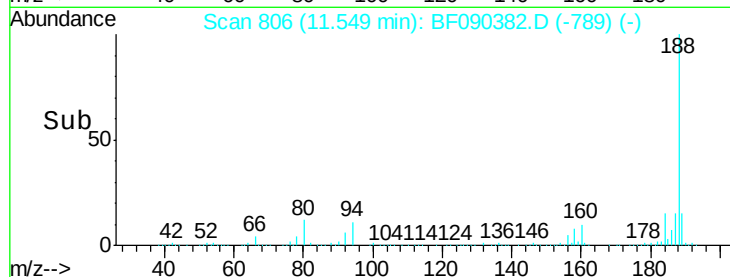
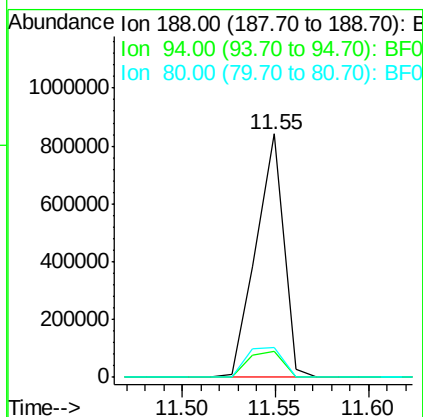
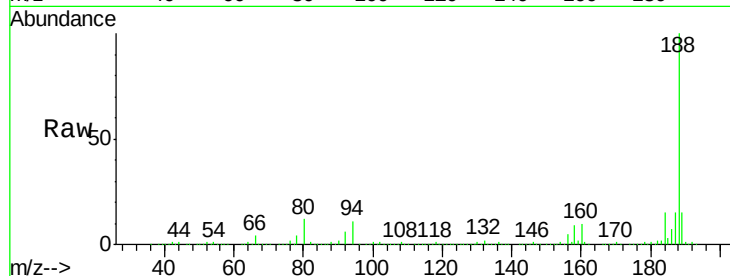
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	8.2	12.2
80	12.3	8.8	13.2

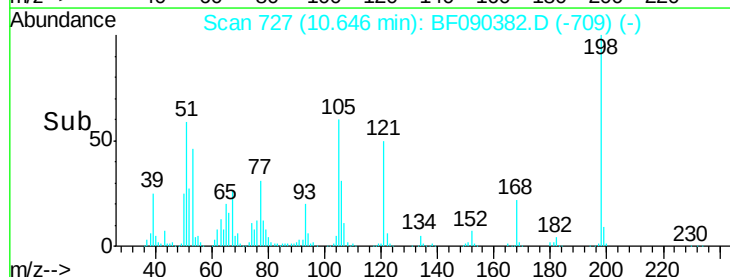
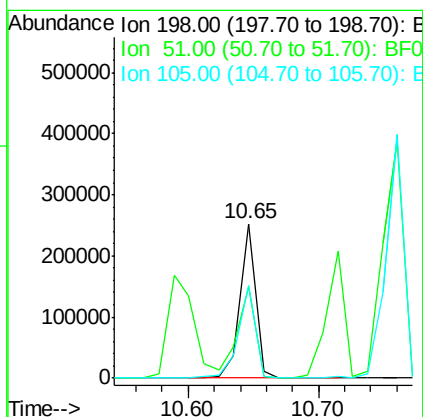
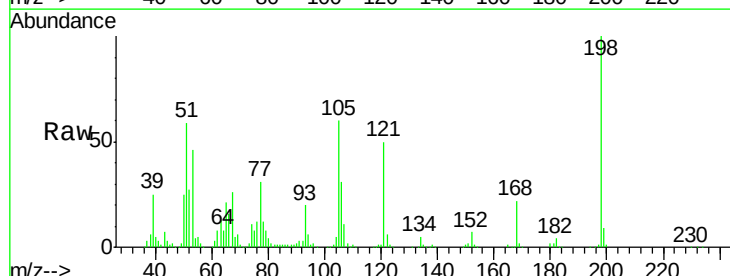
Manual Integrations
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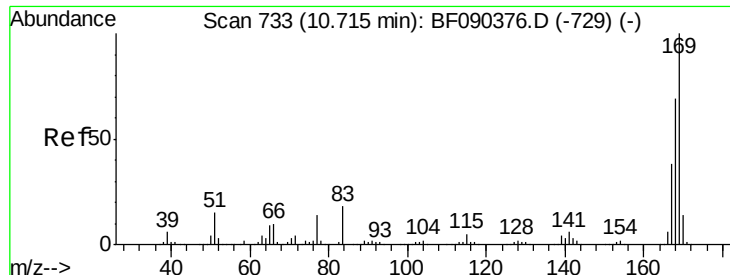
SOHIL
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.12 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.9	67.3	107.3#
105	60.0	42.6	82.6





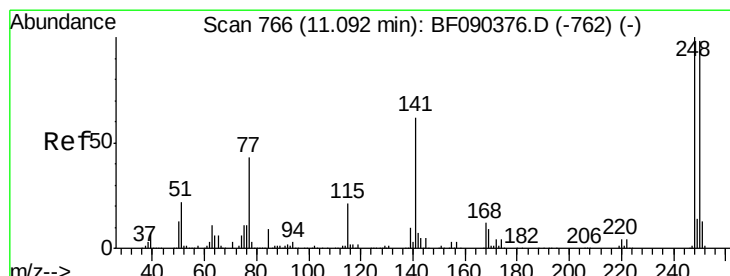
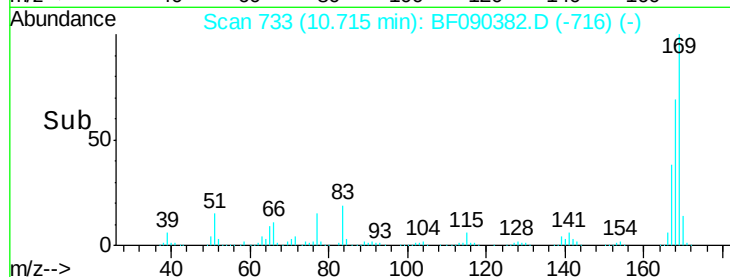
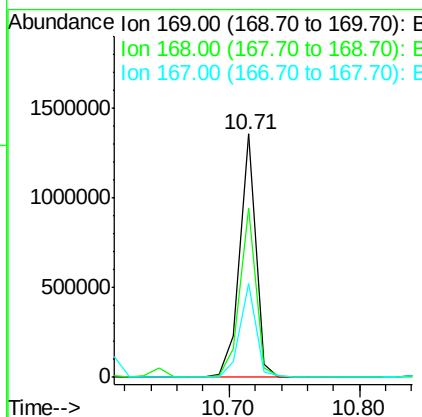
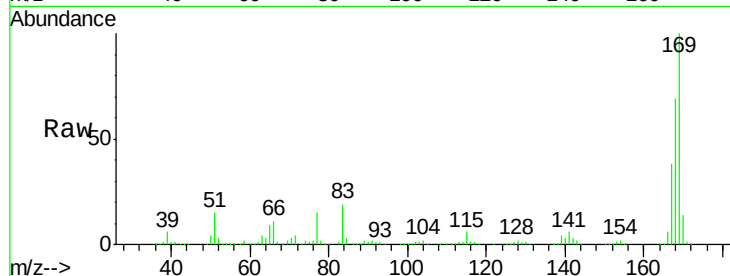
#65
 n-Nitrosodiphenylamine
 Concen: 39.78 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	69.3	53.8	80.6	
167	38.5	29.8	44.8	

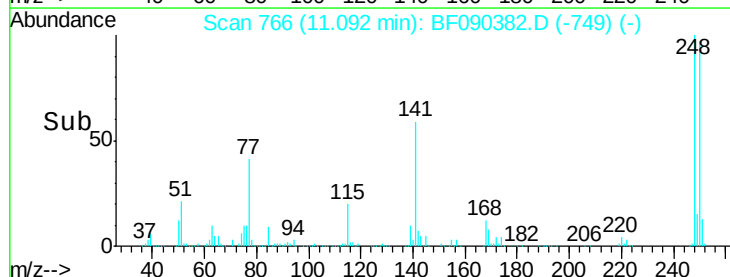
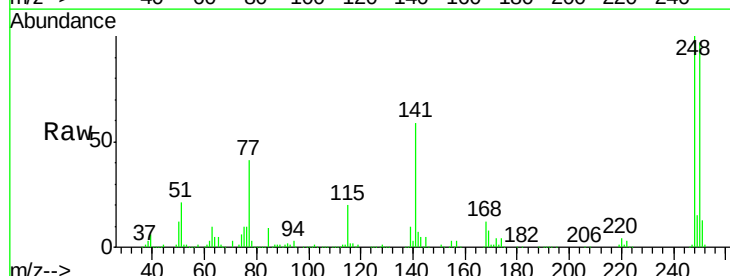
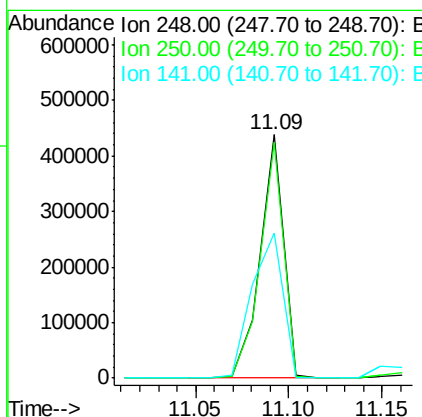
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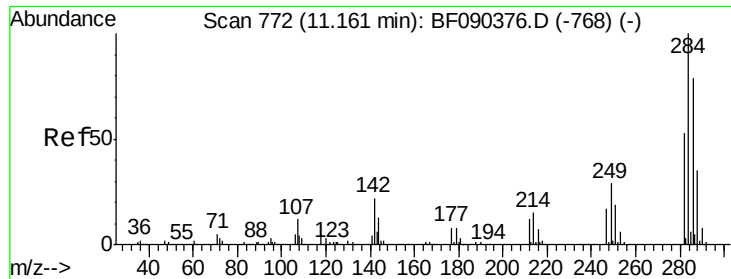
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#66
 4-Bromophenyl-phenylether
 Concen: 44.45 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.8	76.5	114.7	
141	59.5	59.8	89.6	





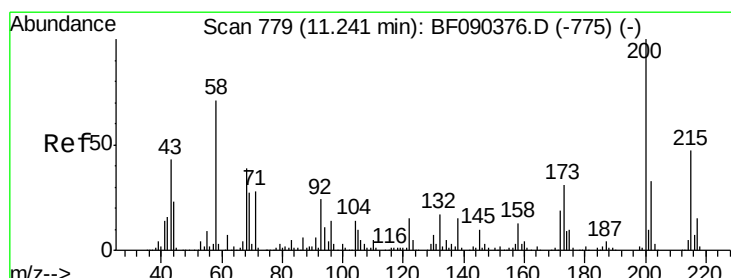
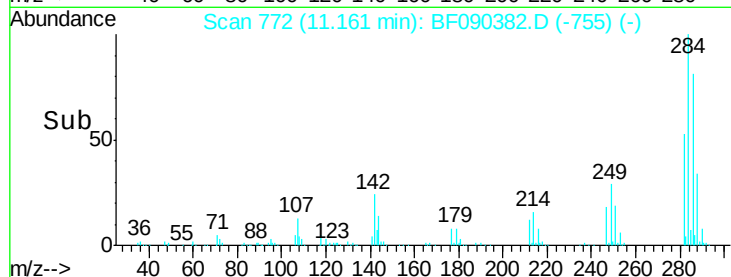
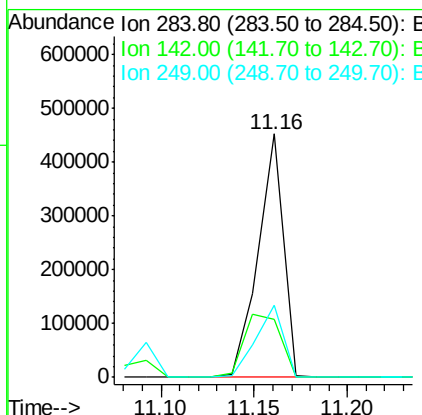
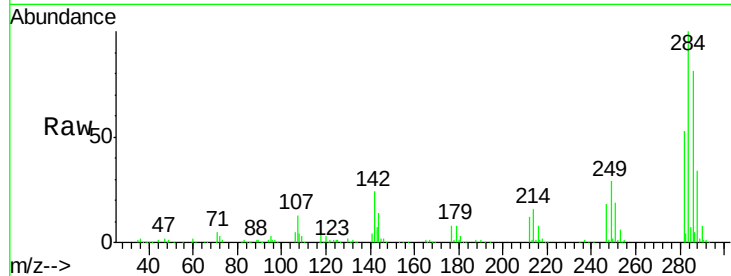
#67
Hexachlorobenzene
Concen: 44.78 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	423525		
142	23.8		23.1	34.7
249	29.4		26.3	39.5

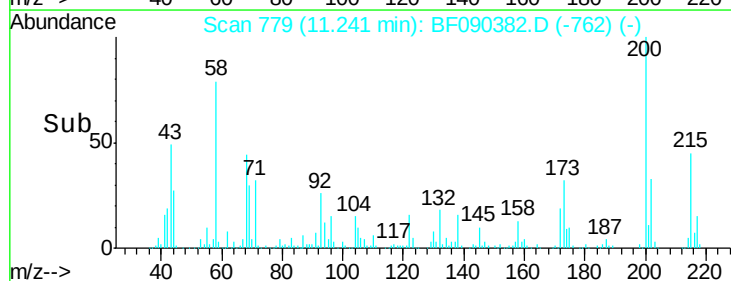
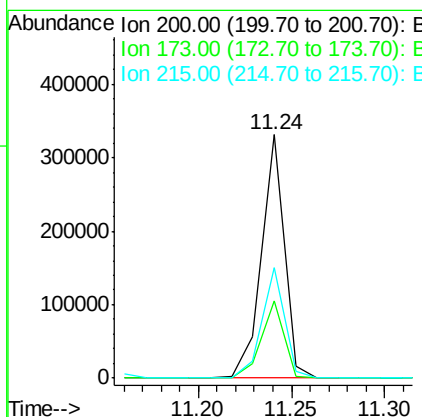
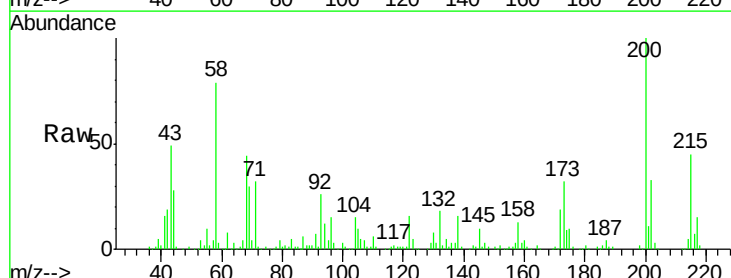
Manual Integrations
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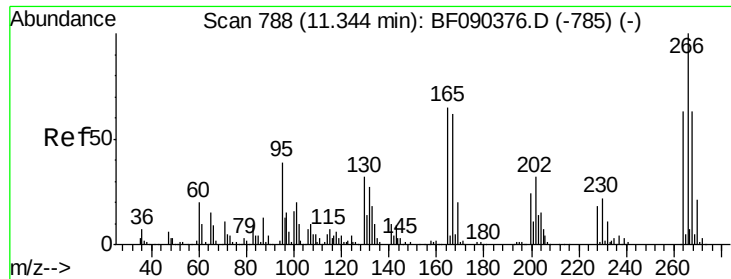
SOHIL
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#68
Atrazine
Concen: 38.84 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	278026		
173	31.6		9.0	49.0
215	45.3		24.8	64.8





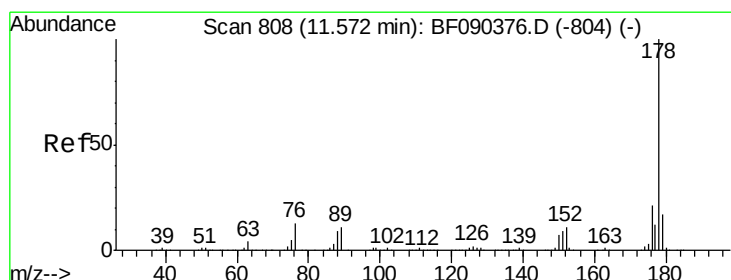
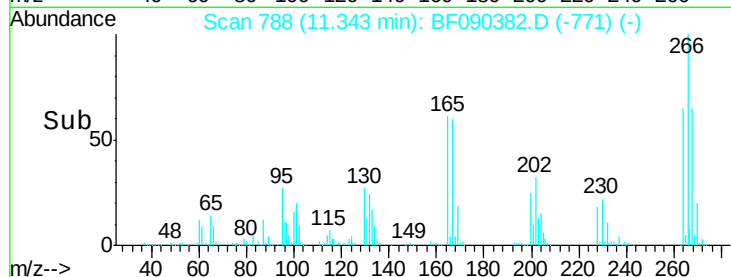
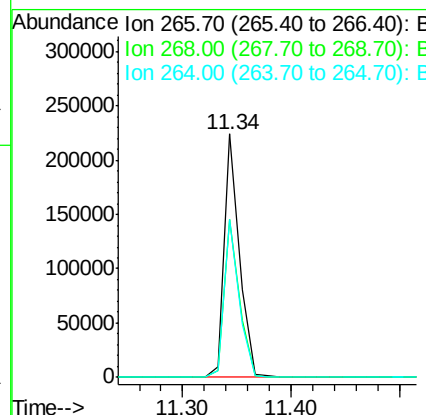
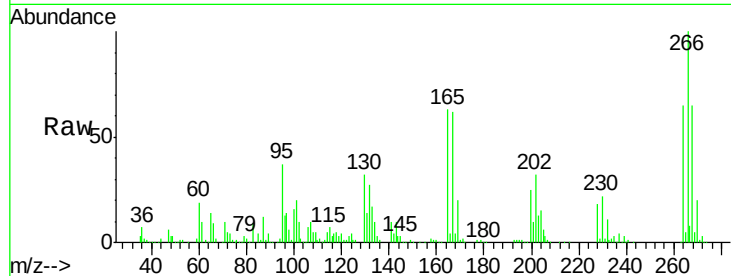
#69
 Pentachlorophenol
 Concen: 39.05 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.9	76.3
264	64.6	51.5	77.3

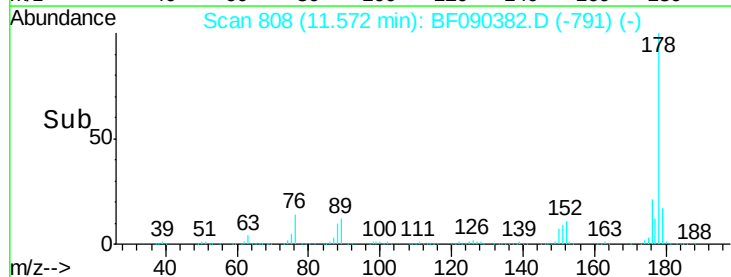
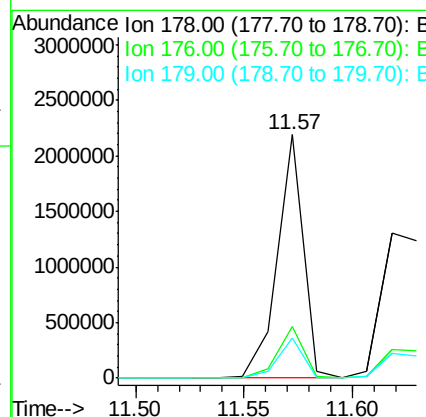
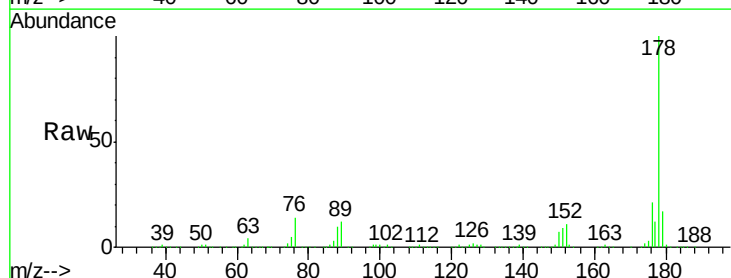
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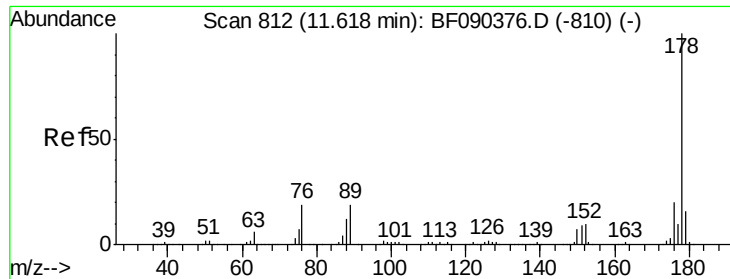
SOHIL
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#70
 Phenanthrene
 Concen: 41.44 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.3	25.9
179	16.6	13.8	20.6





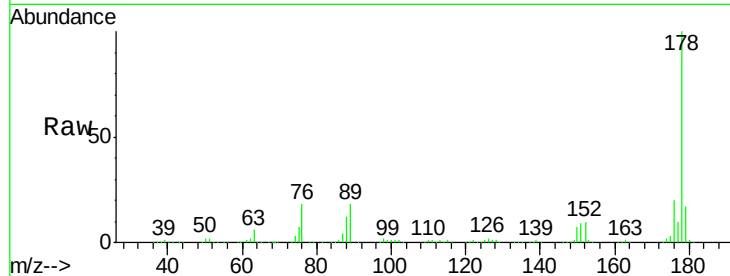
#71
 Anthracene
 Concen: 39.57 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

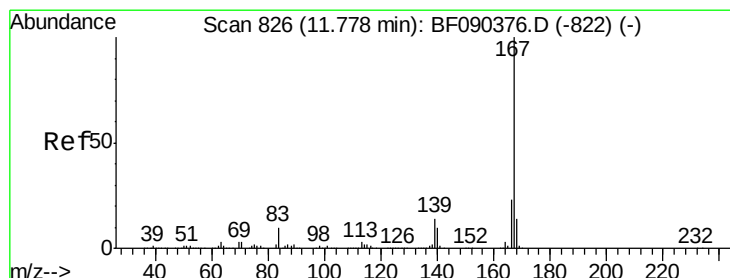
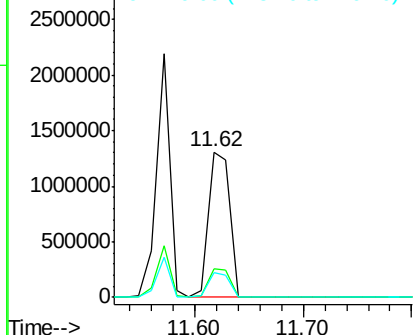
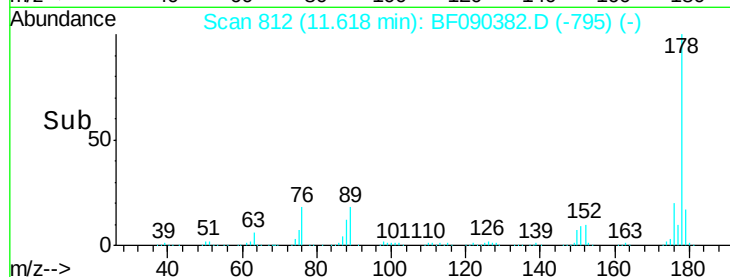
Tot Ion:178 Resp: 1792842
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.6 13.4 20.2

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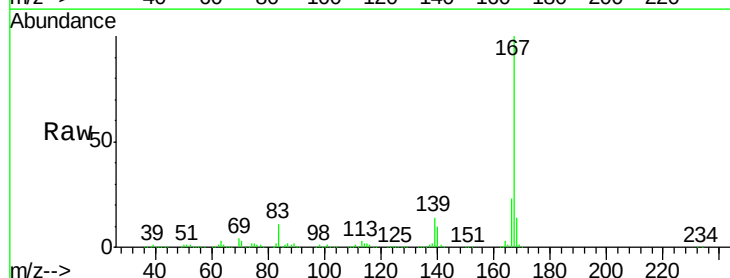


Abundance Ion 178.00 (177.70 to 178.70): E
 3000000
 Ion 176.00 (175.70 to 176.70): E
 2500000
 Ion 179.00 (178.70 to 179.70): E

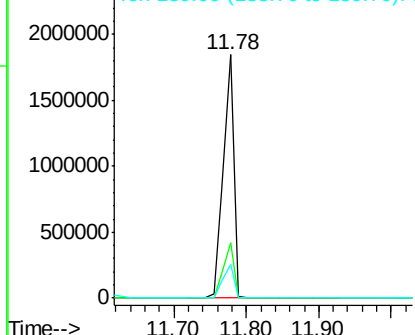
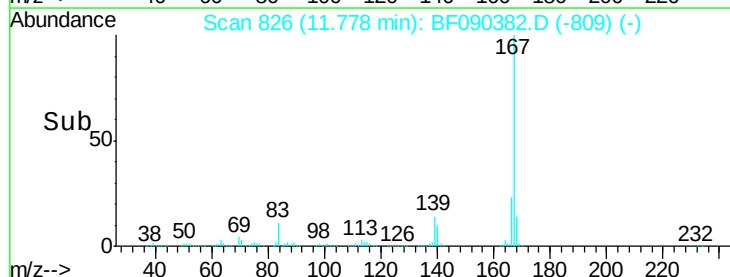


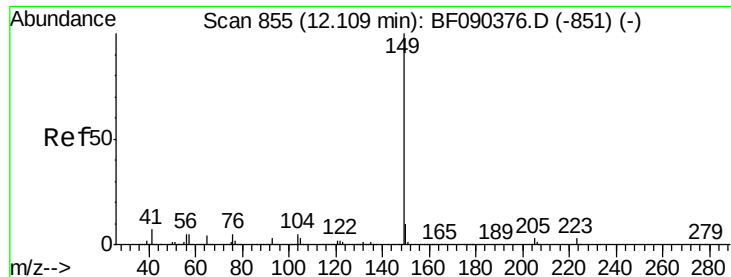
#72
 Carbazole
 Concen: 44.42 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion:167 Resp: 1869571
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 13.9 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 2500000
 Ion 166.00 (165.70 to 166.70): E
 2000000
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.40 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2223140

Ion Ratio Lower Upper

149 100

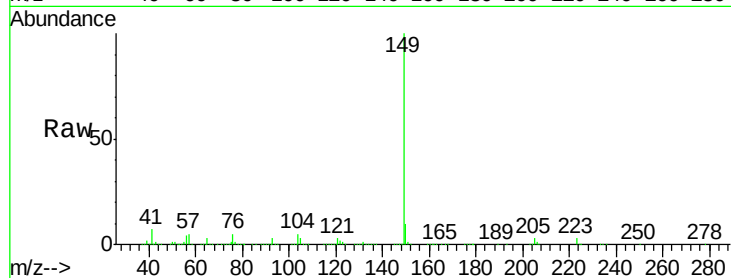
150 10.1 8.6 12.8

104 5.1 4.7 7.1

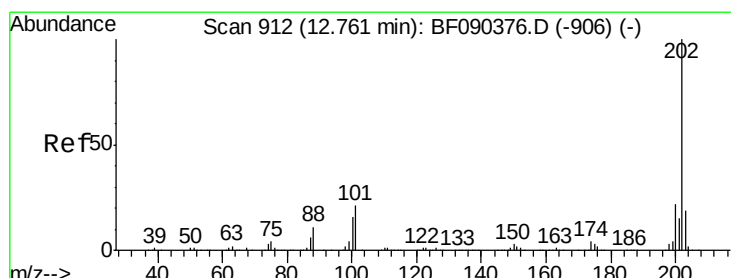
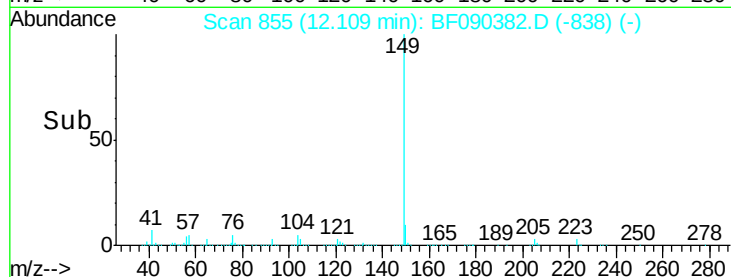
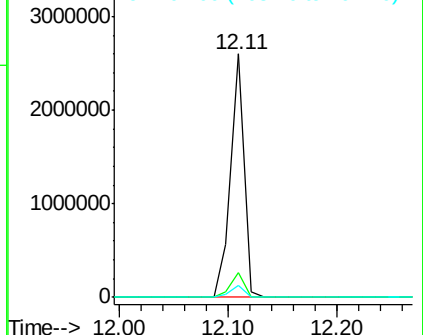
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.20 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

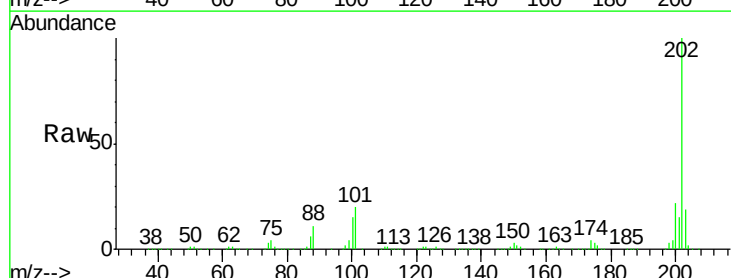
Tgt Ion:202 Resp: 1618557

Ion Ratio Lower Upper

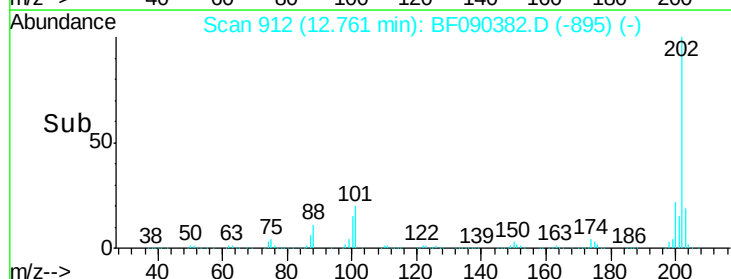
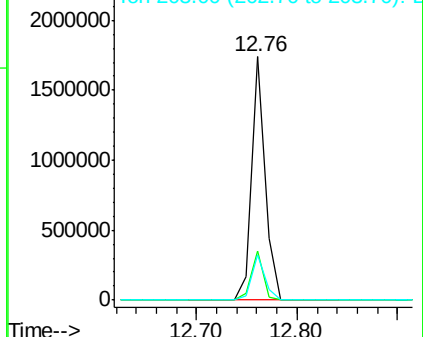
202 100

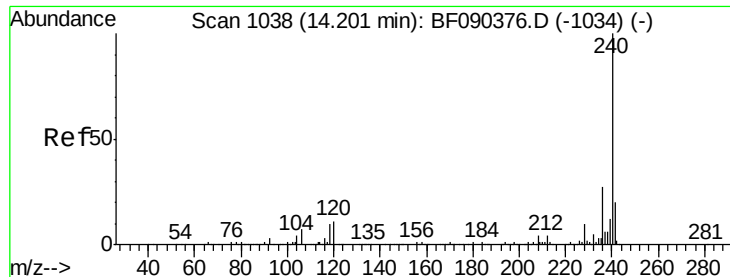
101 19.9 0.0 37.2

203 18.5 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: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

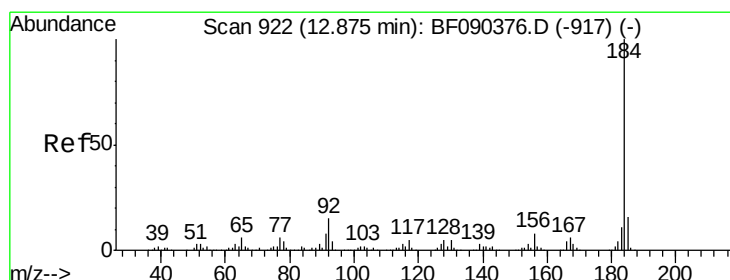
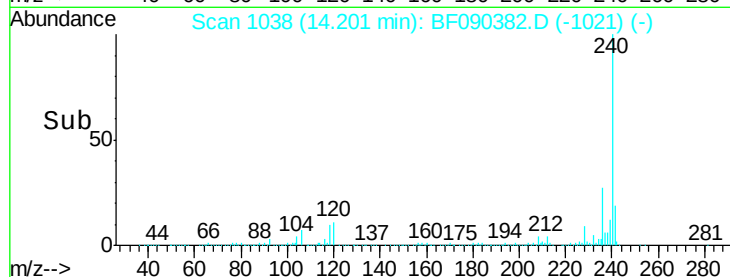
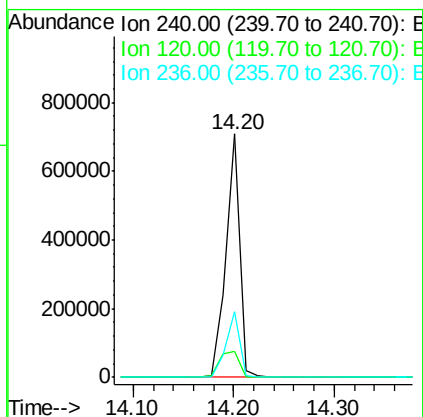
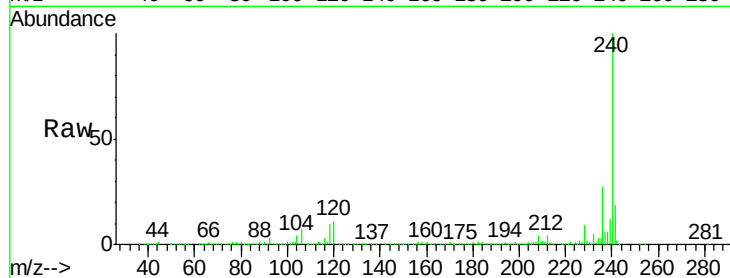
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	673738
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.6	13.0
236	27.0	21.6	32.4

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#76

Benzidine

Concen: 39.02 ng

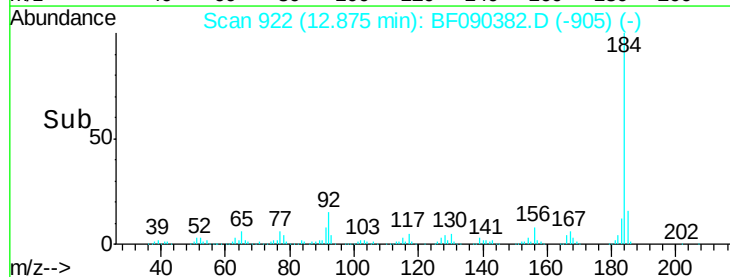
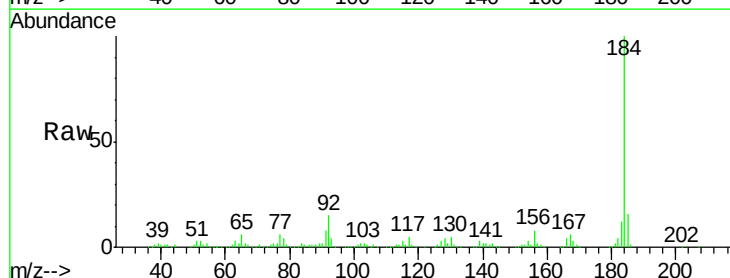
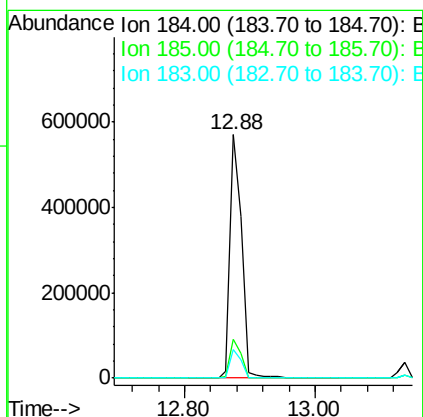
RT: 12.88 min Scan# 922

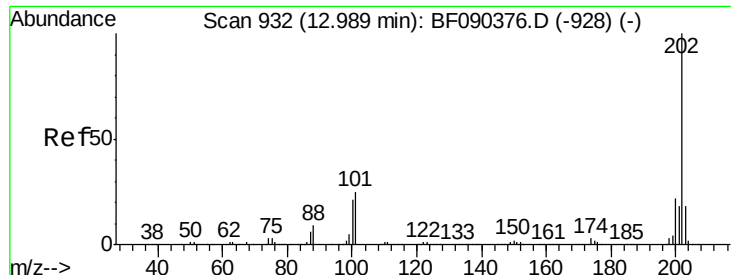
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	184	Resp:	691321
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.8	17.8
183	11.6	9.6	14.4





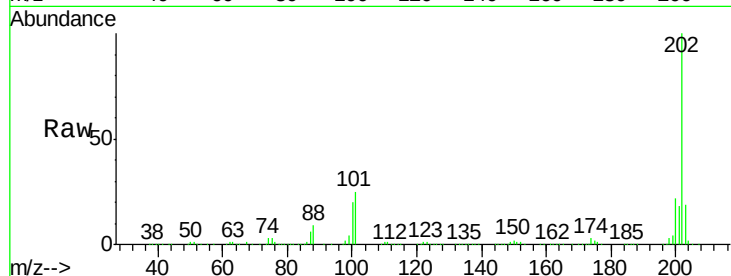
#77
Pvrene
Concen: 38.53 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

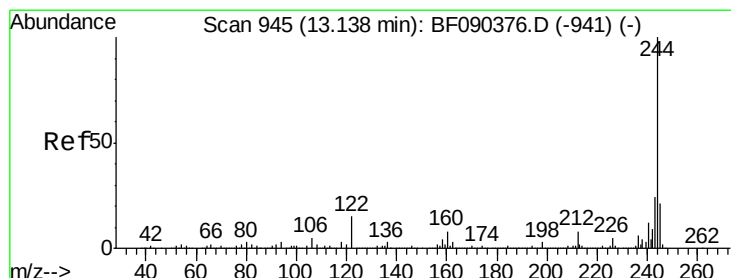
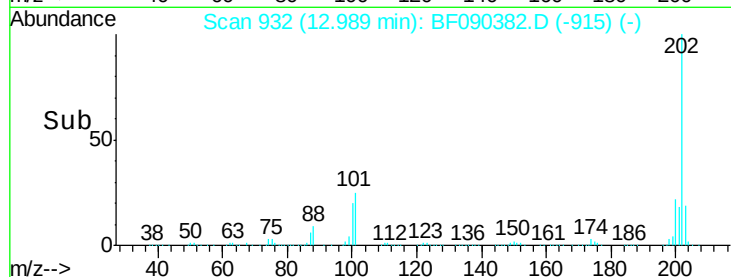
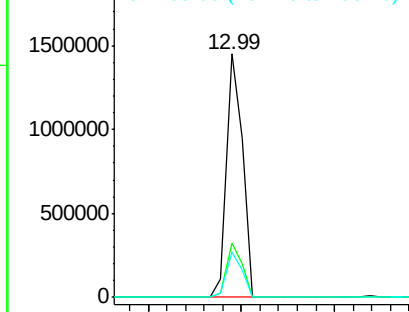
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	18.7	15.0	22.6

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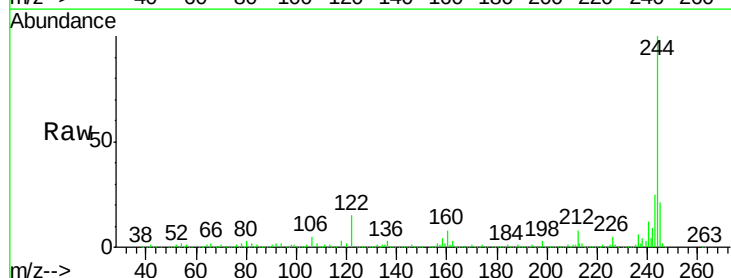


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

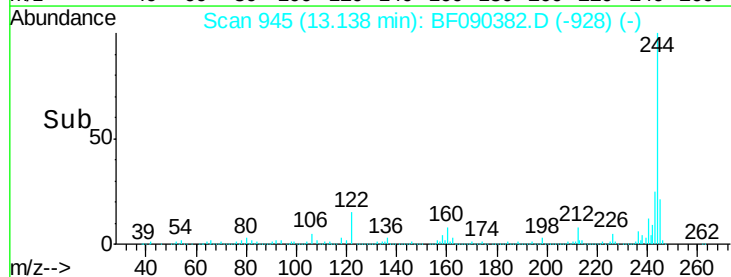
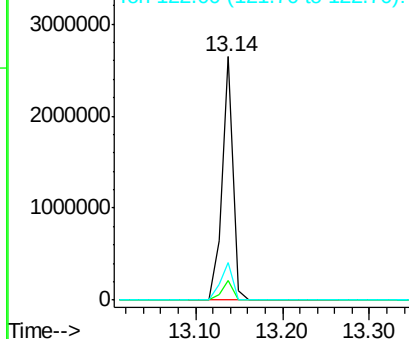


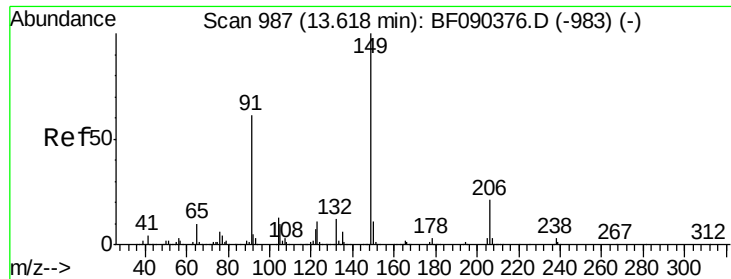
#78
Terphenyl-d14
Concen: 78.16 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.3	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: 38.54 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

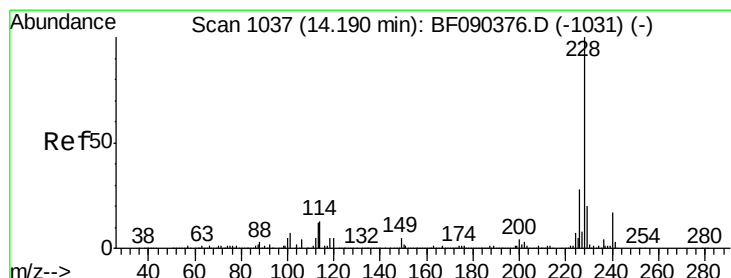
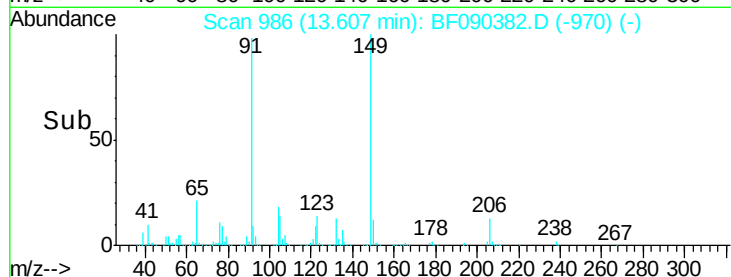
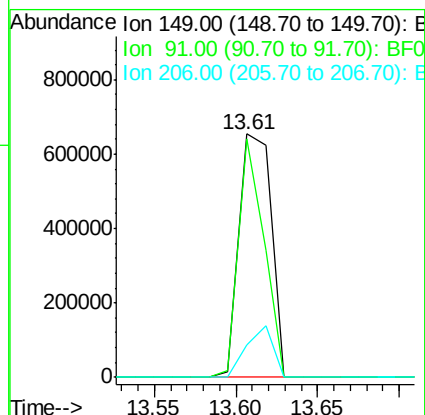
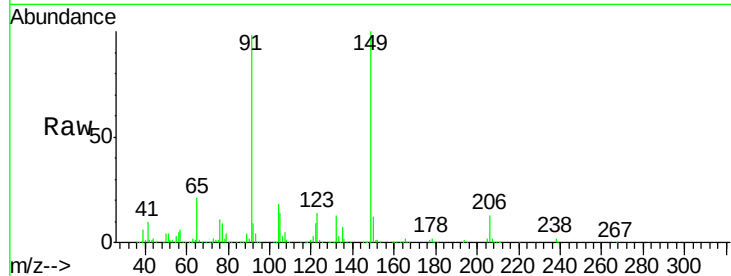
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	888361
Ion Ratio	Lower	Upper	
149	100		
91	98.2	51.8	77.8#
206	13.5	18.0	27.0#

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#80

Benzo(a)anthracene

Concen: 40.60 ng

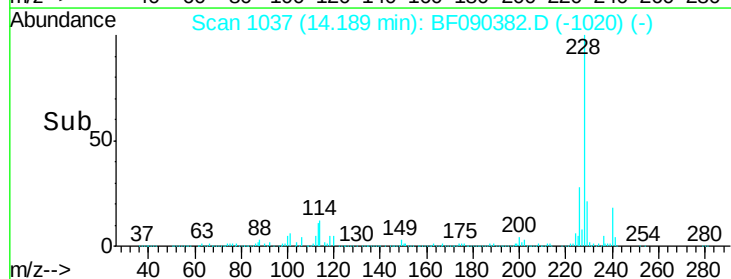
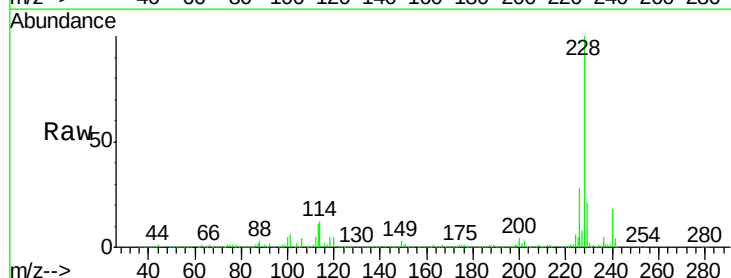
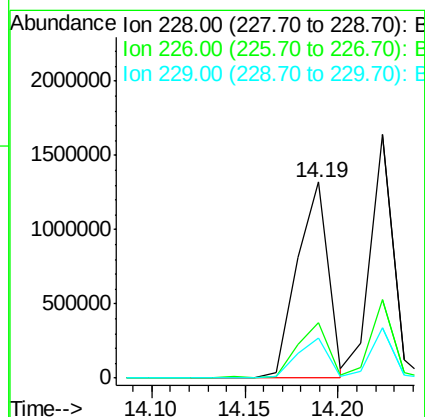
RT: 14.19 min Scan# 1037

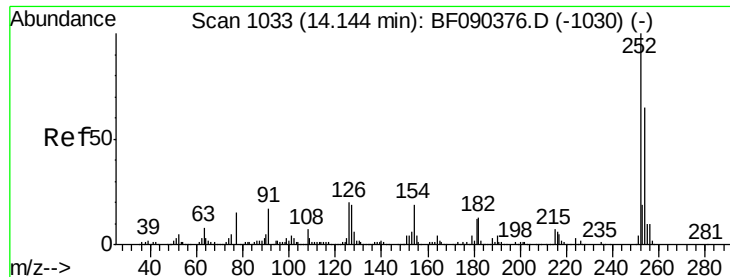
Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Tgt Ion:	228	Resp:	1534660
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.6	35.4
229	20.5	16.6	25.0





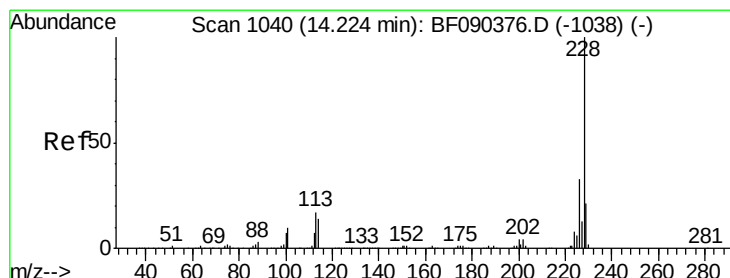
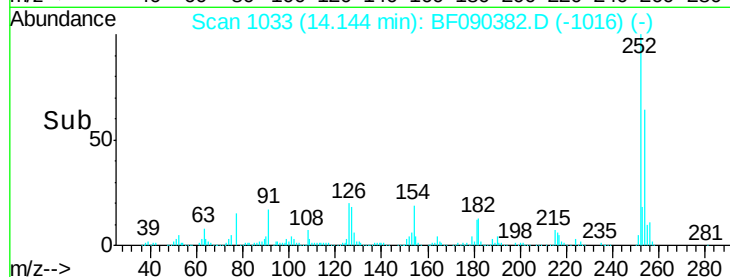
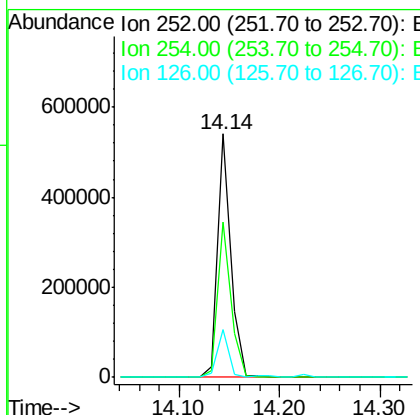
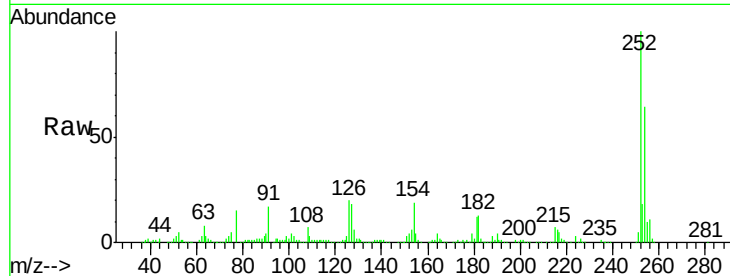
#81
 3,3'-Dichlorobenzidine
 Concen: 36.07 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.1	78.1
126	19.7	4.2	6.4

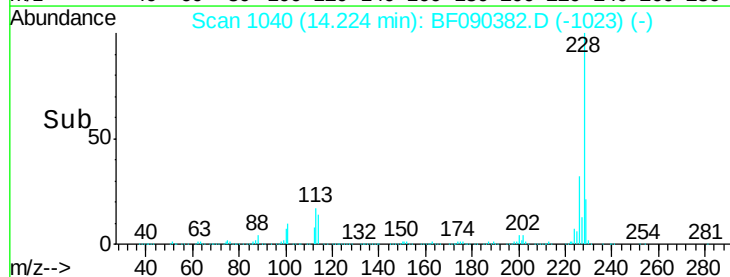
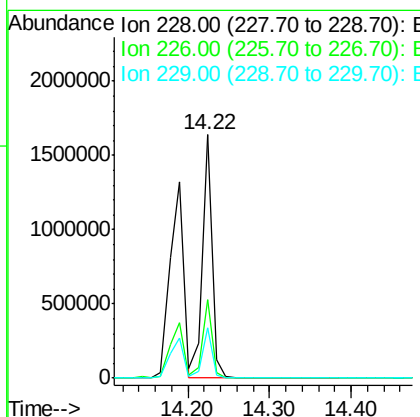
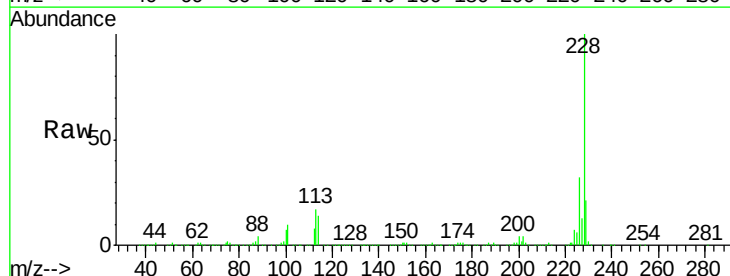
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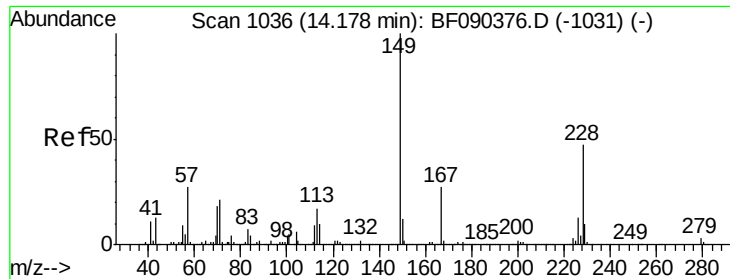
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#82
 Chrysene
 Concen: 39.74 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	20.8	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.16 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1348707

Ion Ratio Lower Upper

149 100

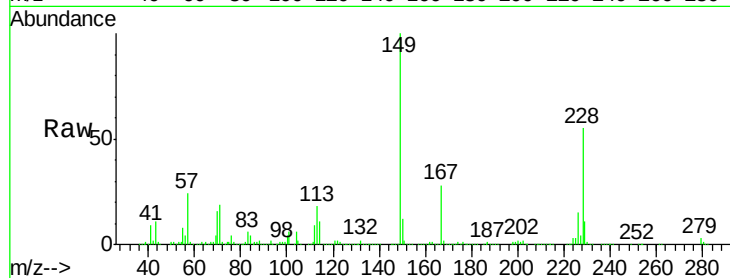
167 27.7 21.5 32.3

279 3.2 2.6 3.8

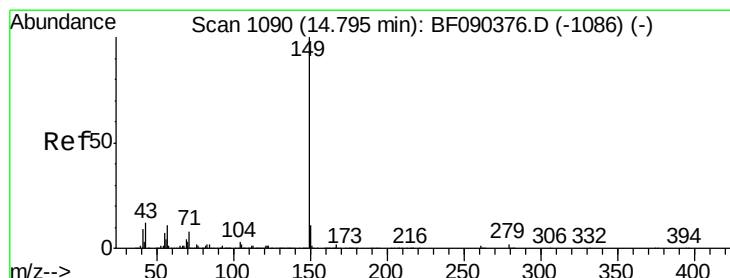
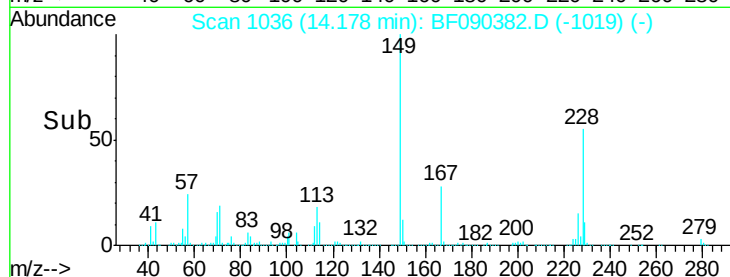
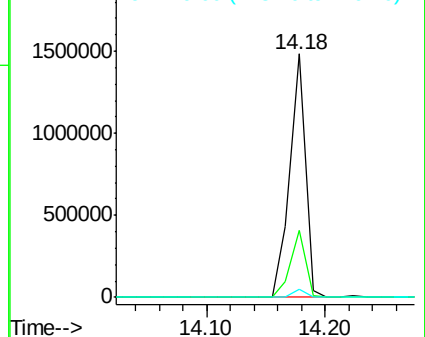
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.02 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090382.D

Acq: 5 Oct 2016 15:35

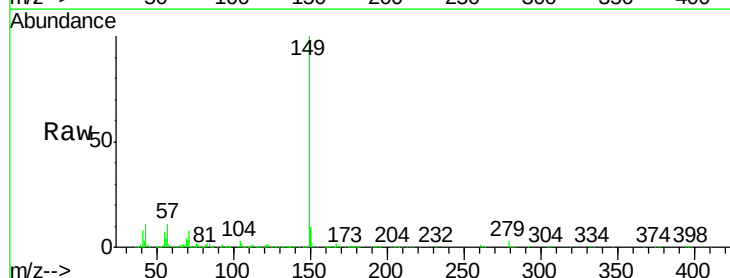
Tgt Ion:149 Resp: 1944038

Ion Ratio Lower Upper

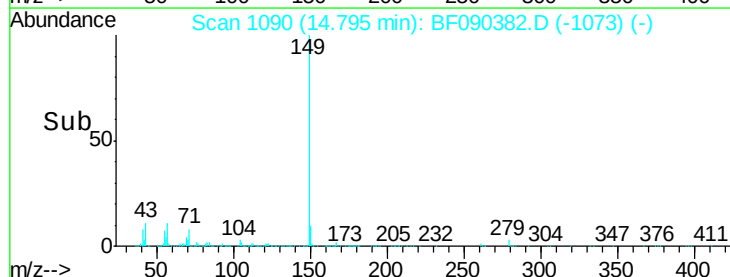
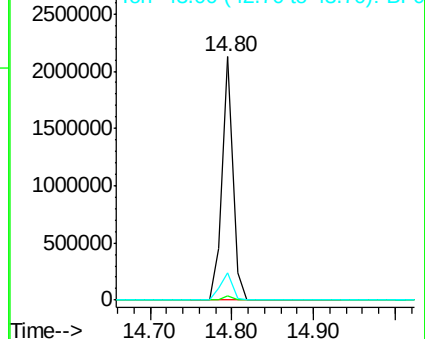
149 100

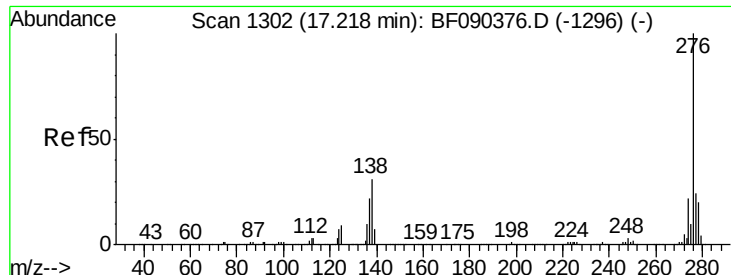
167 1.6 1.3 1.9

43 12.7 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





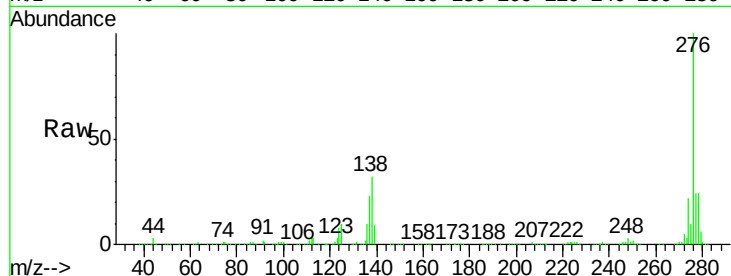
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.35 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

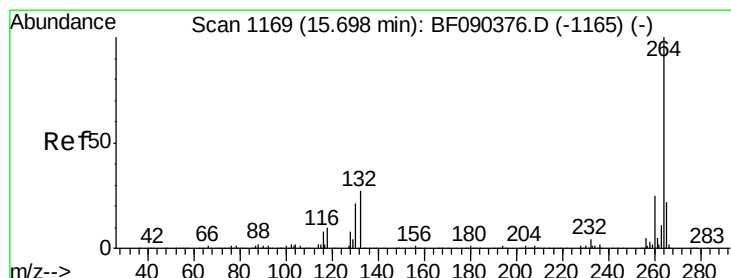
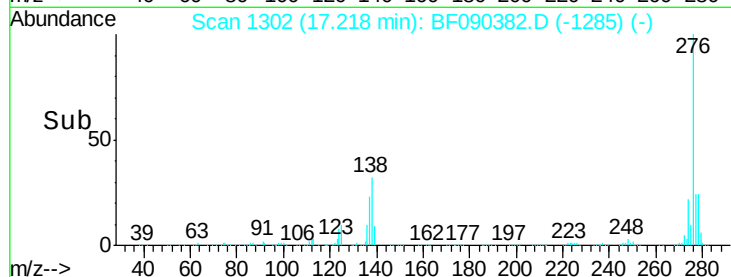
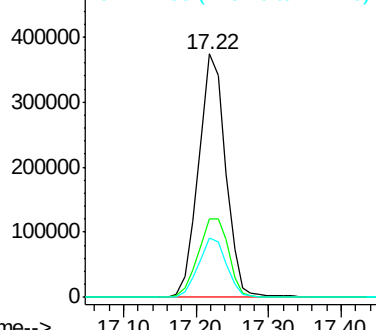
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.4	23.8	35.8#
277	25.3	20.4	30.6

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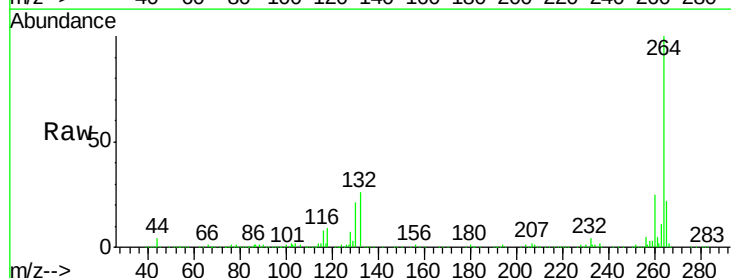


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

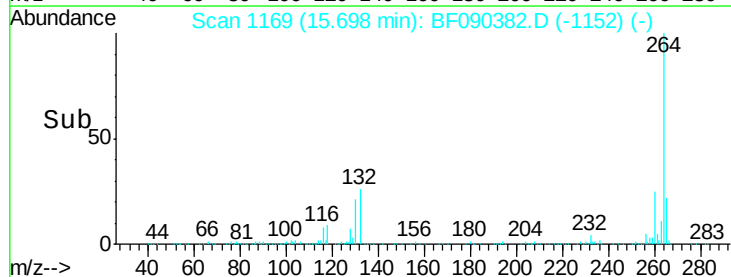
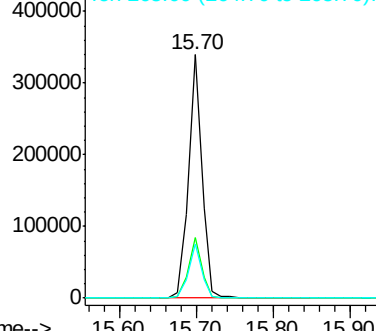


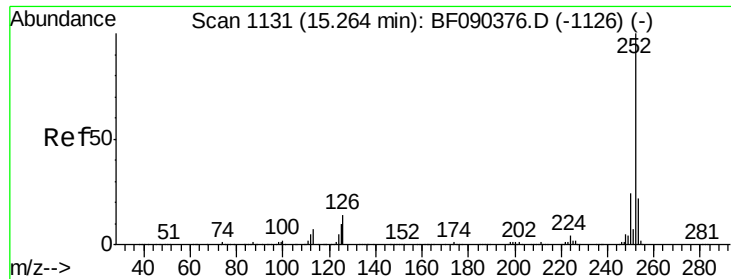
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.4	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





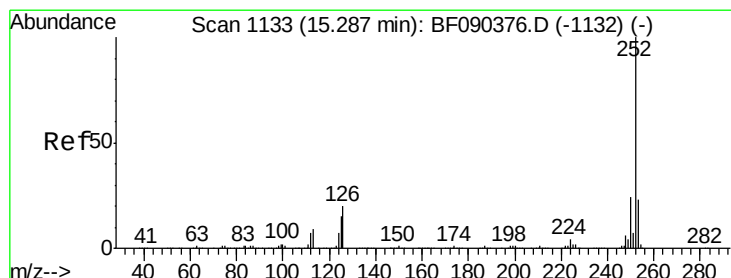
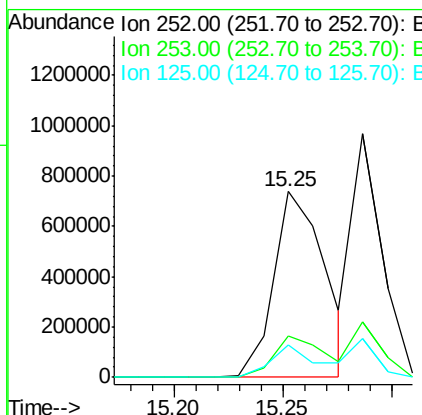
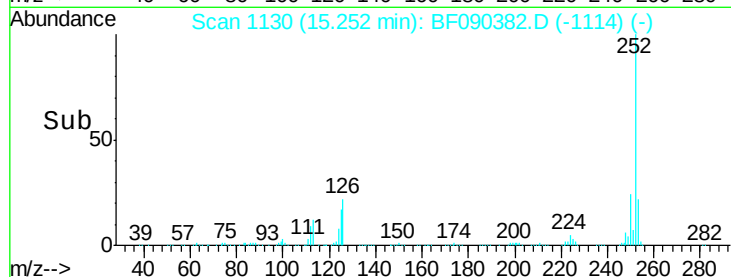
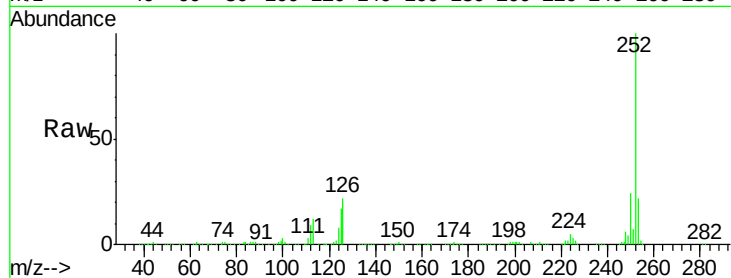
#87
Benzo(b)fluoranthene
Concen: 46.03 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	17.2	7.0	10.4

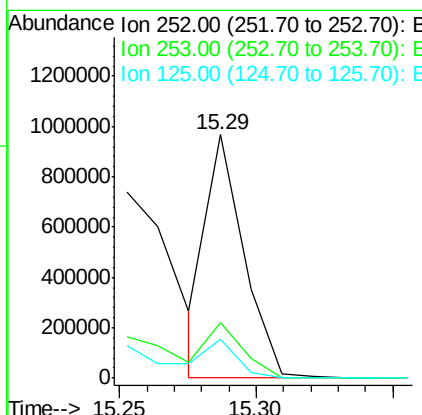
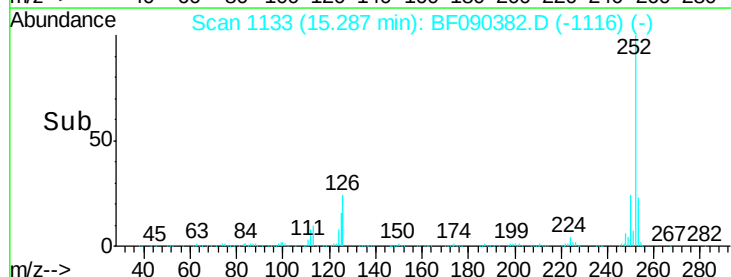
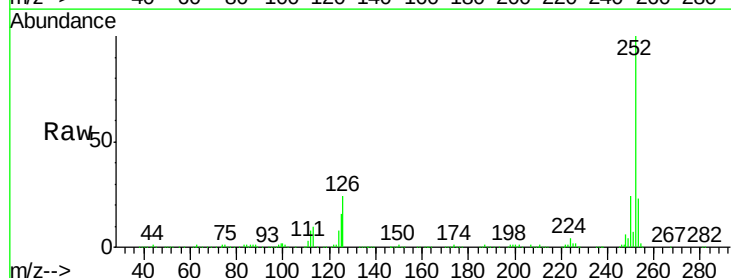
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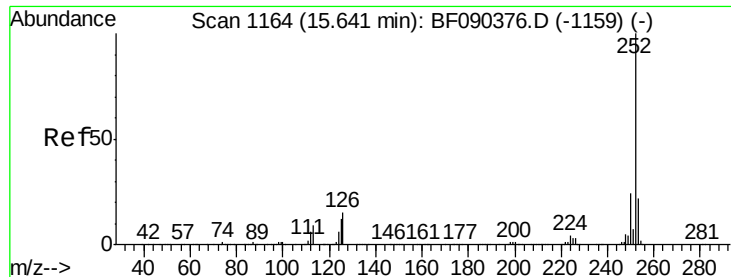
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#88
Benzo(k)fluoranthene
Concen: 37.12 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	16.0	11.7	17.5





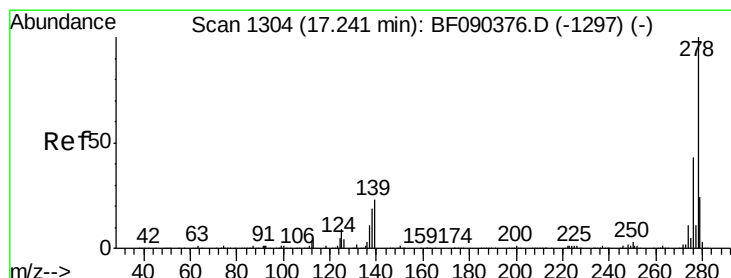
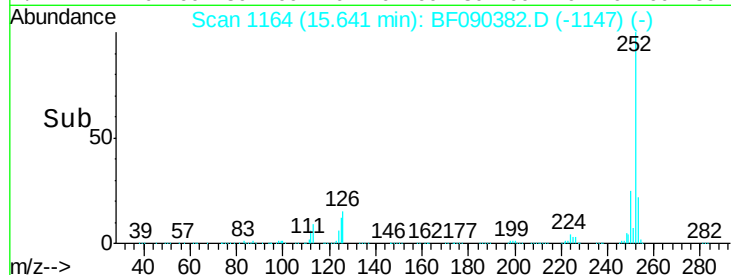
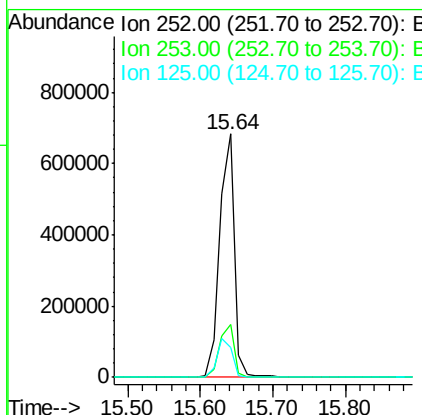
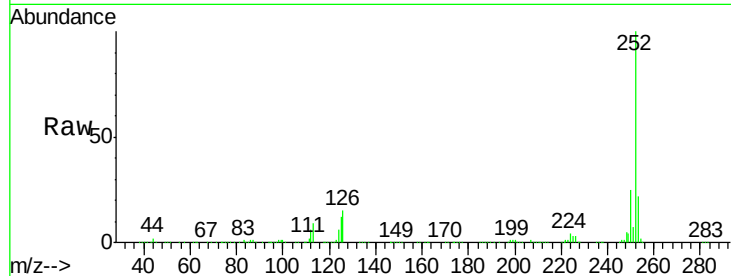
#89
Benzo(a)pyrene
Concen: 42.16 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	12.1	9.8	14.8

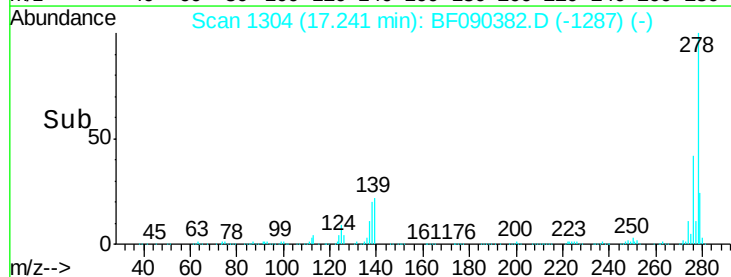
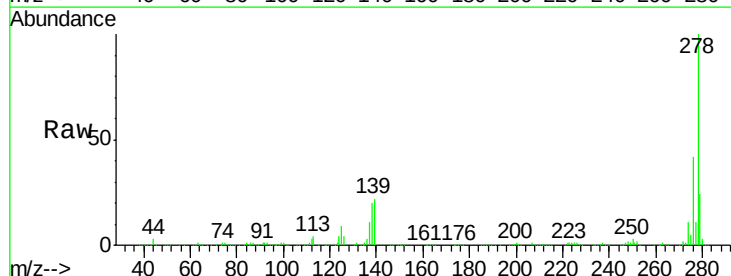
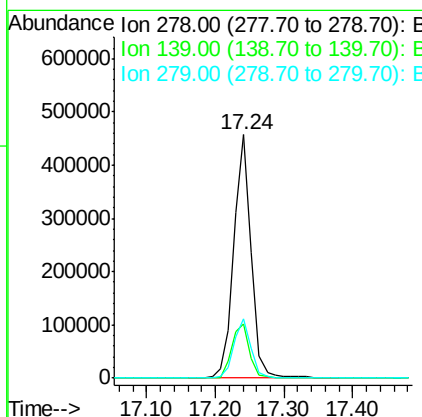
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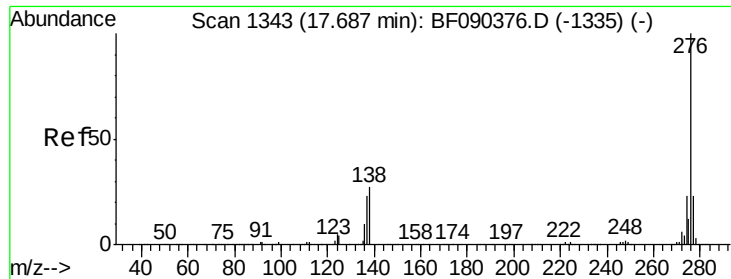
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#90
Dibenzo(a,h)anthracene
Concen: 42.16 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090382.D
Acq: 5 Oct 2016 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	12.8	19.2#
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.02 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF090382.D
 Acq: 5 Oct 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	782776
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.4	29.0
138	27.5	20.8	31.2

Manual Integrations
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