

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090082.D
 Acq On : 15 Sep 2016 9:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 9/15/2016 4:18:26 PM

Quant Time: Sep 15 11:31:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	165489	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	670414	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	337101	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	599266	20.00	ng	0.00
75) Chrysene-d12	13.67	240	456267	20.00	ng	0.00
86) Perylene-d12	14.99	264	405799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	920726	89.48	ng	0.00
7) Phenol-d6	6.20	99	1057573	78.51	ng	0.00
23) Nitrobenzene-d5	7.13	82	975669	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	266336	78.65	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1547949	72.12	ng	0.00
78) Terphenyl-d14	12.64	244	1407241	73.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	213951	39.82	ng	99
3) Pyridine	2.59	79	587892	42.98	ng	97
4) n-Nitrosodimethylamine	2.56	42	176928	41.09	ng	92
6) Aniline	6.22	93	707708	42.33	ng	99
8) 2-Chlorophenol	6.34	128	492436	41.54	ng	# 81
9) Benzaldehyde	6.09	77	303827	42.32	ng	99
10) Phenol	6.22	94	560829	37.09	ng	99
11) bis(2-Chloroethyl)ether	6.30	93	484335	39.94	ng	99
12) 1,3-Dichlorobenzene	6.49	146	489982	40.18	ng	99
13) 1,4-Dichlorobenzene	6.57	146	512770	40.73	ng	99
14) 1,2-Dichlorobenzene	6.73	146	428985	37.50	ng	99
15) Benzyl Alcohol	6.71	79	306014	40.34	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	599410	41.71	ng	97
17) 2-Methylphenol	6.83	107	398160	41.06	ng	98
18) Hexachloroethane	7.06	117	176771	38.69	ng	100
19) n-Nitroso-di-n-propylamine	6.99	70	323253	38.61	ng	99
20) 3+4-Methylphenols	6.99	107	491376	41.74	ng	98
22) Acetophenone	6.98	105	687801	42.38	ng	99
24) Nitrobenzene	7.14	77	491876	39.16	ng	98
25) Isophorone	7.39	82	996261	39.90	ng	99
26) 2-Nitrophenol	7.46	139	260170	42.72	ng	99
27) 2,4-Dimethylphenol	7.52	122	455951	42.55	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	573776	39.18	ng	99
29) 2,4-Dichlorophenol	7.71	162	392108	41.43	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	369505	39.57	ng	98
31) Naphthalene	7.86	128	1278824	38.81	ng	100
32) Benzoic acid	7.68	122	341393	39.72	ng	97
33) 4-Chloroaniline	7.92	127	551502	39.32	ng	100
34) Hexachlorobutadiene	7.99	225	187599	39.23	ng	99
35) Caprolactam	8.31	113	127466	40.33	ng	97
36) 4-Chloro-3-methylphenol	8.41	107	436794	39.75	ng	99
37) 2-Methylnaphthalene	8.55	142	821039	40.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	319535	36.86	ng	99
40) Hexachlorocyclopentadiene	8.71	237	173588	38.53	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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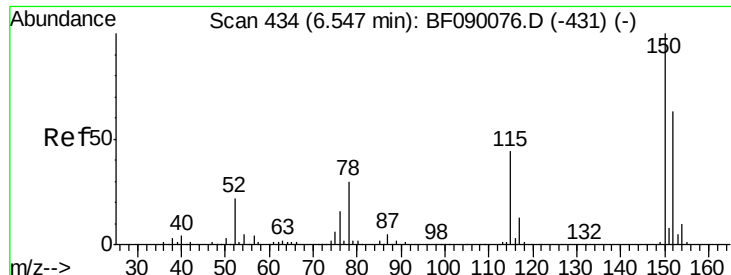
Manual Integrations
 APPROVED

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 9/15/2016 4:18:26 PM

Quant Time: Sep 15 11:31:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	240176	38.23	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	264351	39.12	ng	98
45) 1,1'-Biphenyl	9.02	154	988171	35.82	ng	100
46) 2-Chloronaphthalene	9.04	162	794786	38.88	ng	99
47) 2-Nitroaniline	9.14	65	276734	42.41	ng	96
48) Acenaphthylene	9.45	152	1371375	39.95	ng	100
49) Dimethylphthalate	9.34	163	1018860	40.69	ng	99
50) 2,6-Dinitrotoluene	9.39	165	229303	40.98	ng	# 56
51) Acenaphthene	9.62	154	768189	40.07	ng	100
52) 3-Nitroaniline	9.55	138	272230	39.99	ng	99
53) 2,4-Dinitrophenol	9.66	184	124112	40.80	ng	95
54) Dibenzofuran	9.79	168	1069220	40.33	ng	100
55) 4-Nitrophenol	9.72	139	197283	41.18	ng	97
56) 2,4-Dinitrotoluene	9.78	165	244622	35.86	ng	99
57) Fluorene	10.12	166	757046	37.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	188258	36.52	ng	98
59) Diethylphthalate	10.02	149	882024	36.39	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	315976	38.85	ng	99
61) 4-Nitroaniline	10.17	138	281241	40.81	ng	99
62) Azobenzene	10.28	77	925443	36.38	ng	100
64) 4,6-Dinitro-2-methylphenol	10.19	198	170109	41.98	ng	92
65) n-Nitrosodiphenylamine	10.25	169	710346	37.41	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	244579	42.34	ng	98
67) Hexachlorobenzene	10.67	284	272658	40.05	ng	99
68) Atrazine	10.79	200	250810	44.45	ng	99
69) Pentachlorophenol	10.87	266	177311	44.46	ng	99
70) Phenanthrene	11.07	178	1138417	39.31	ng	100
71) Anthracene	11.13	178	1223850	38.71	ng	100
72) Carbazole	11.29	167	1314860	40.54	ng	100
73) Di-n-butylphthalate	11.63	149	1342555	36.91	ng	100
74) Fluoranthene	12.25	202	1128488	37.19	ng	100
76) Benzidine	12.39	184	757171	40.68	ng	100
77) Pyrene	12.48	202	1266982	38.05	ng	100
79) Butylbenzylphthalate	13.12	149	642867	38.77	ng	98
80) Benzo(a)anthracene	13.66	228	1015734	38.14	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	440368	39.45	ng	99
82) Chrysene	13.69	228	822772	32.93	ng	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	759214	37.02	ng	100
84) Di-n-octyl phthalate	14.29	149	1340852	36.57	ng	100
85) Indeno(1,2,3-cd)pyrene	16.18	276	763387	35.17	ng	100
87) Benzo(b)fluoranthene	14.64	252	1119119m	47.04	ng	
88) Benzo(k)fluoranthene	14.67	252	697418m	32.56	ng	
89) Benzo(a)pyrene	14.95	252	850991	39.89	ng	98
90) Dibenzo(a,h)anthracene	16.19	278	635002	38.01	ng	97
91) Benzo(g,h,i)perylene	16.53	276	599507	37.60	ng	99

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



#1

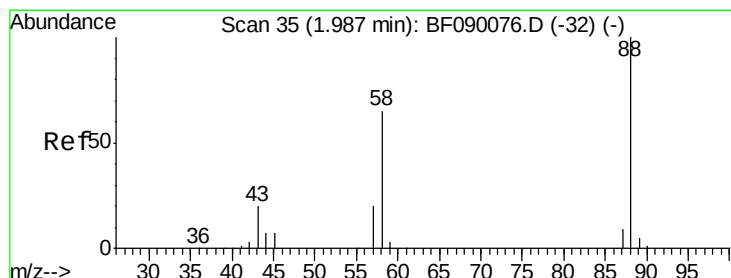
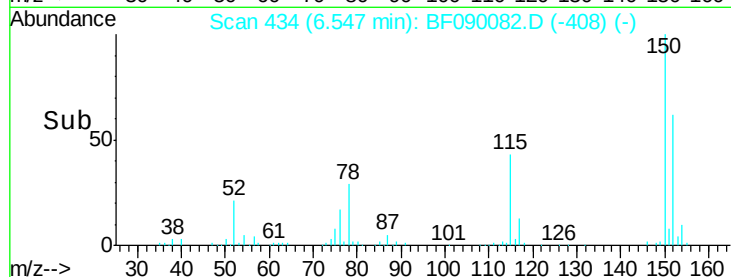
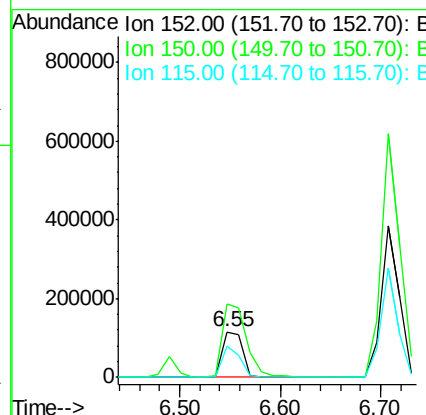
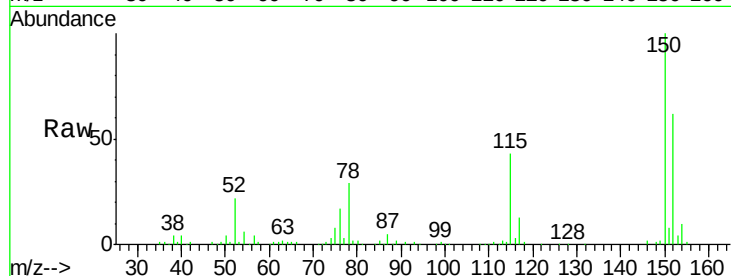
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	128.9	193.3
115	69.3	55.5	83.3

Manual Integrations
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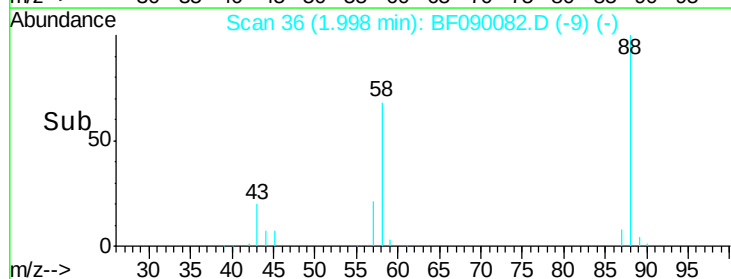
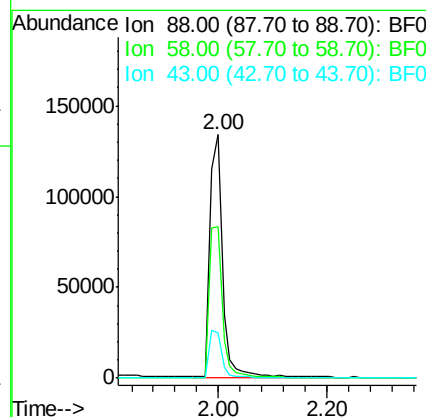
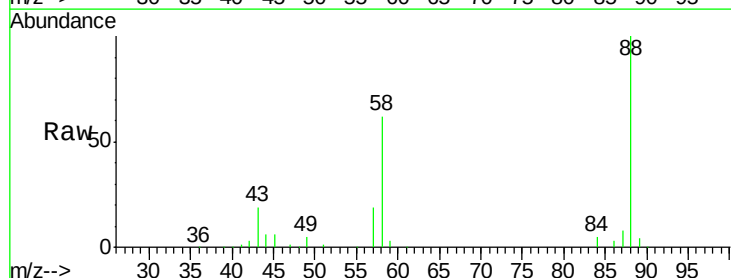
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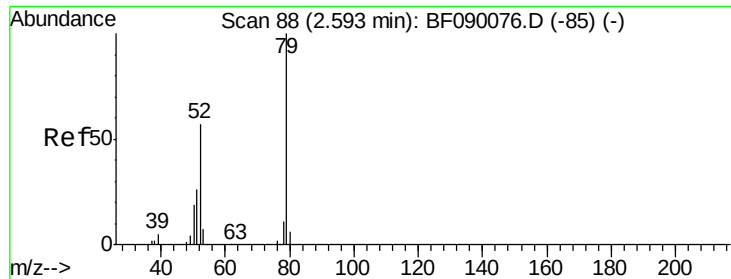


#2

1,4-Dioxane
Concen: 39.82 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	53.4	80.0
43	20.2	16.5	24.7





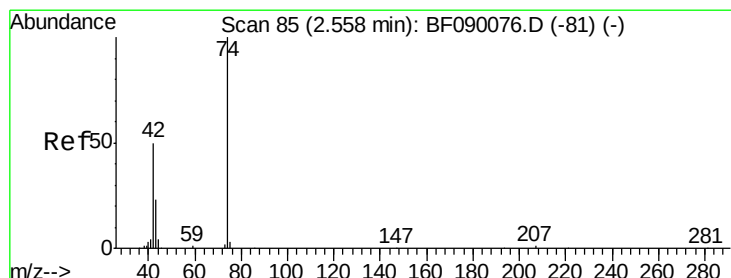
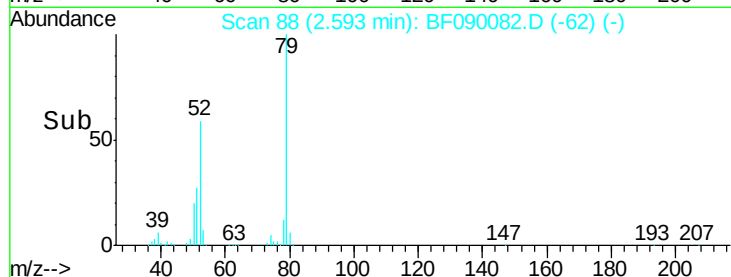
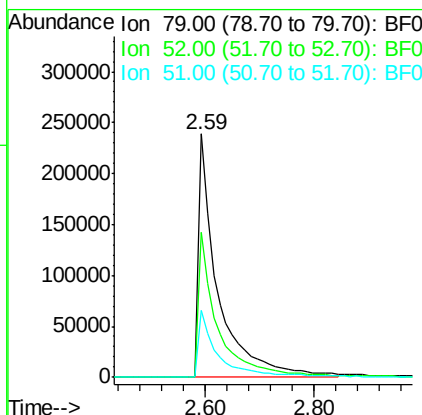
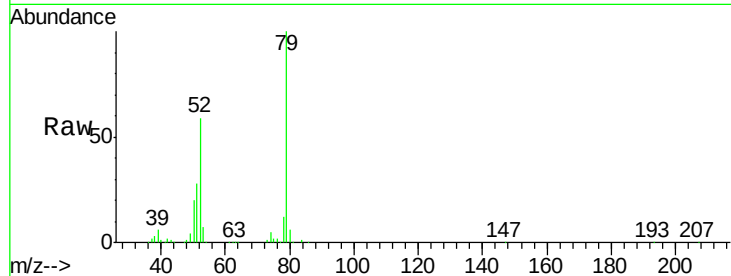
#3
 Pyridine
 Concen: 42.98 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.4	45.9	68.9
51	27.7	21.3	31.9

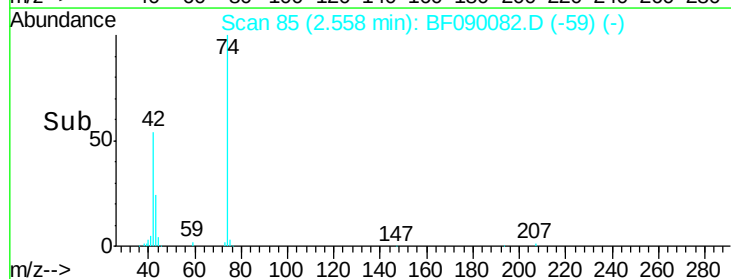
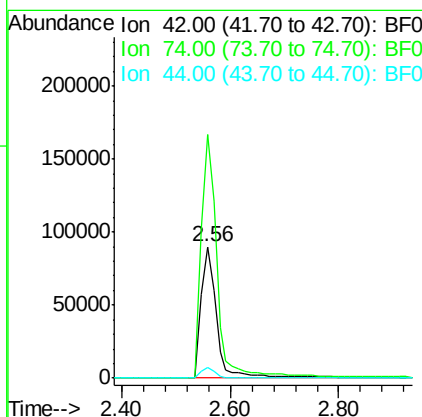
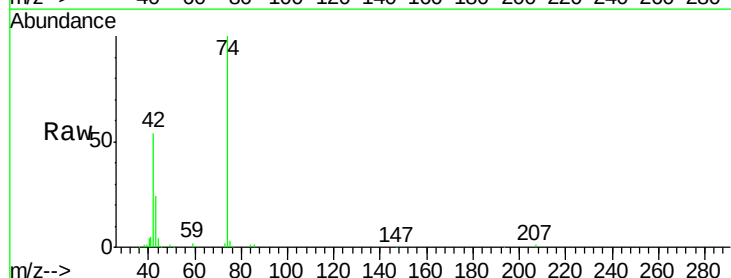
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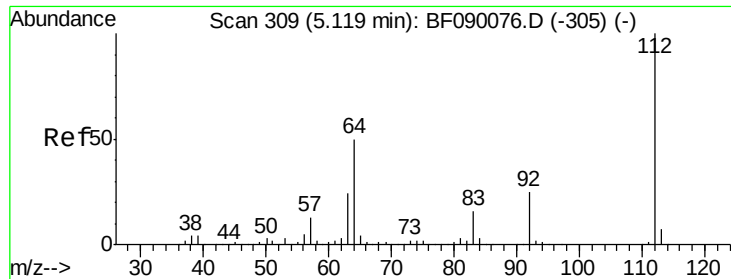
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#4
 n-Nitrosodimethylamine
 Concen: 41.09 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	185.6	158.7	238.1
44	8.2	6.4	9.6





#5

2-Fluorophenol

Concen: 89.48 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

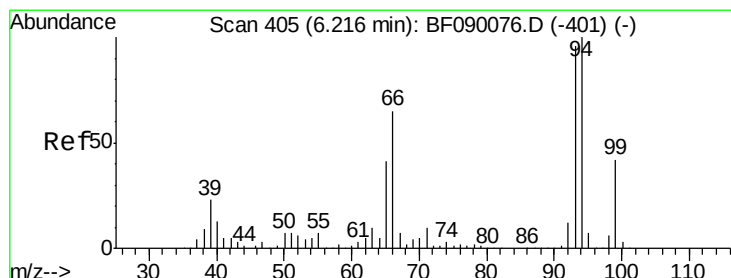
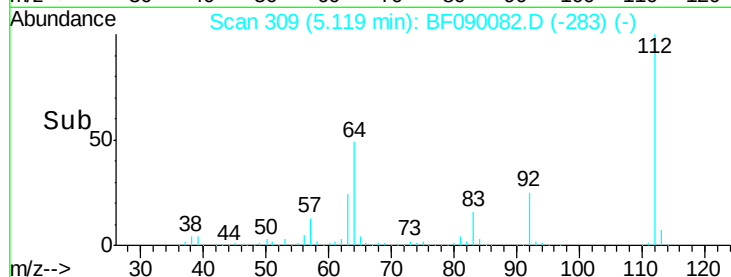
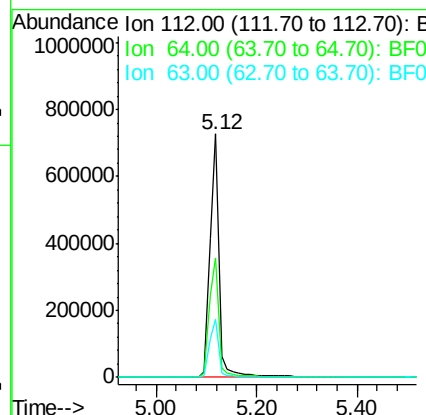
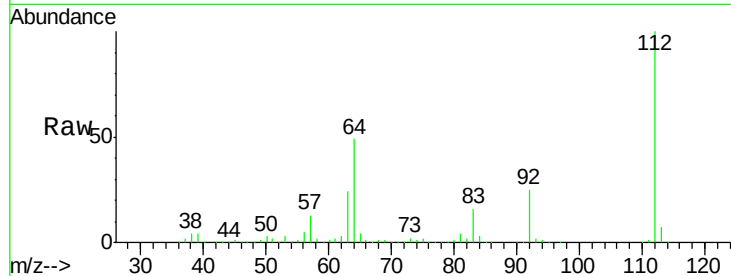
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	920726
Ion Ratio	Lower	Upper	
112	100		
64	49.3	39.8	59.6
63	23.6	18.9	28.3

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#6

Aniline

Concen: 42.33 ng

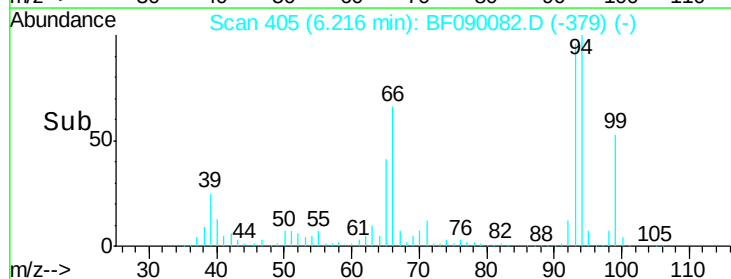
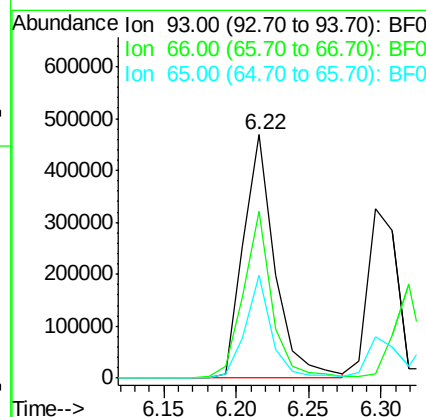
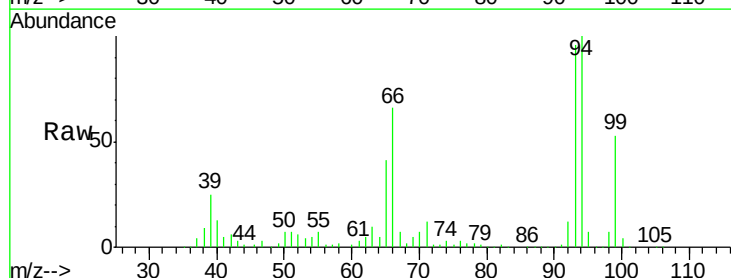
RT: 6.22 min Scan# 405

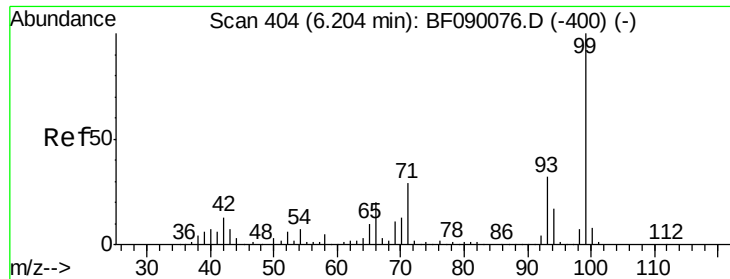
Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	93	Resp:	707708
Ion Ratio	Lower	Upper	
93	100		
66	68.4	54.2	81.2
65	42.3	33.8	50.6





#7

Phenol-d6

Concen: 78.51 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 99 Resp: 1057573

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

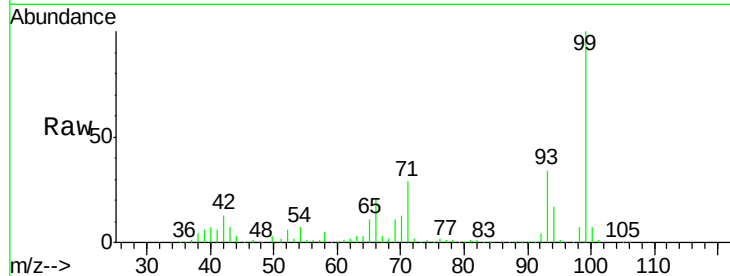
71 28.8 23.0 34.6

Manual Integrations

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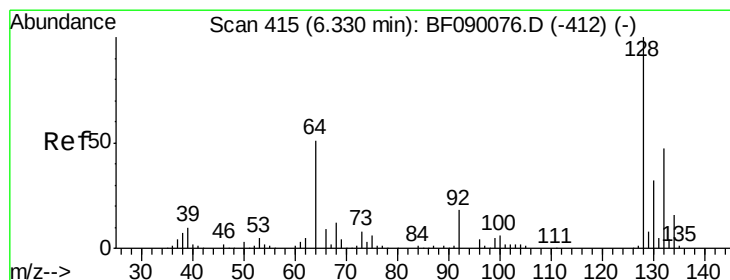
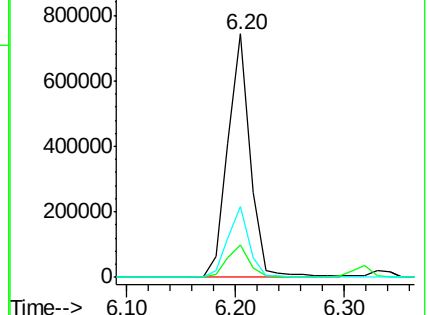
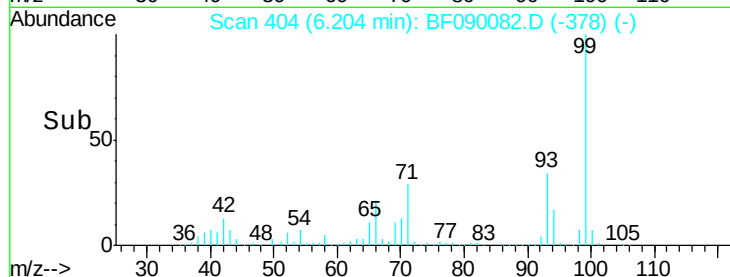
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.54 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

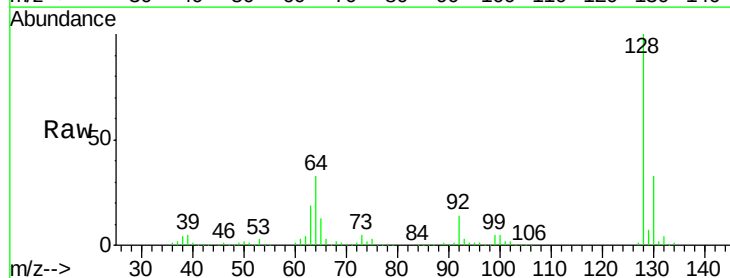
Tgt Ion: 128 Resp: 492436

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

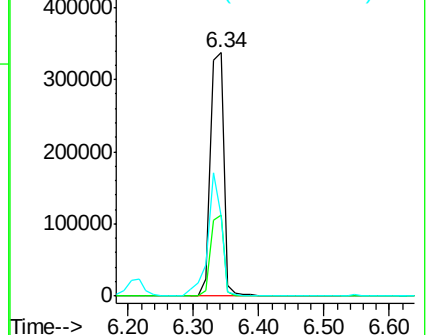
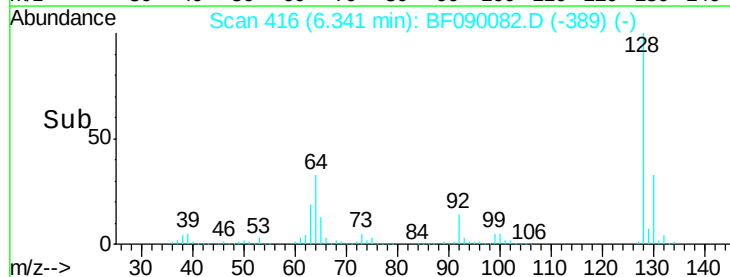
64 32.9 33.6 73.6#

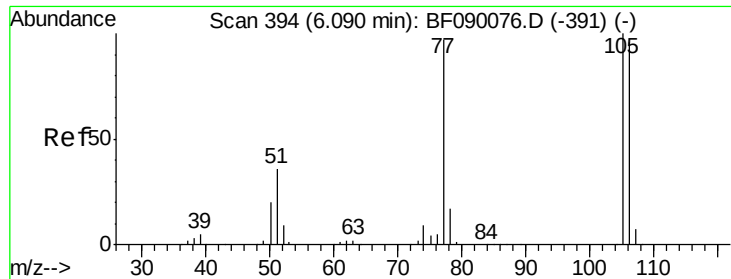


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.32 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 303827
Ion Ratio Lower Upper

77 100

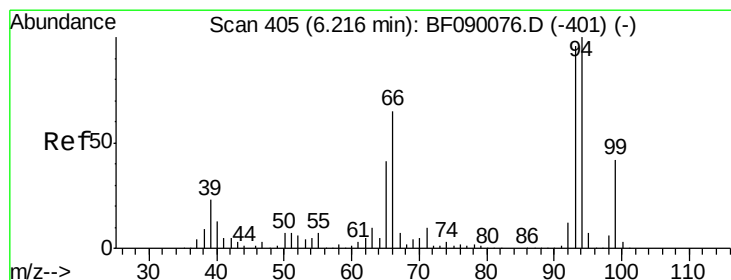
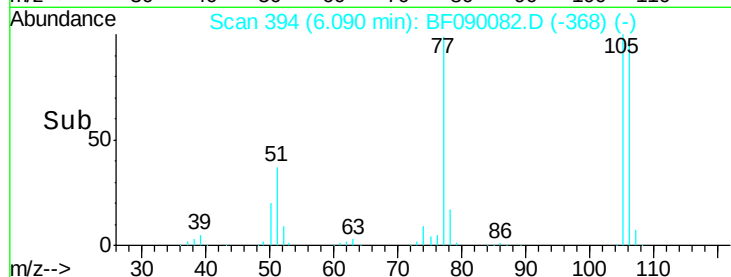
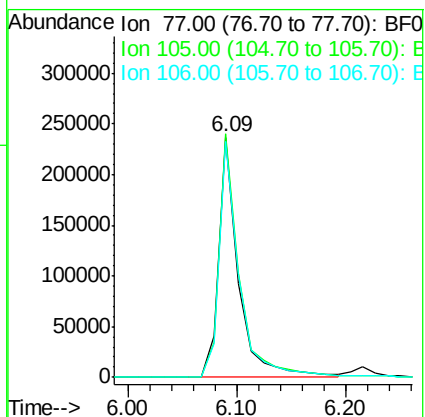
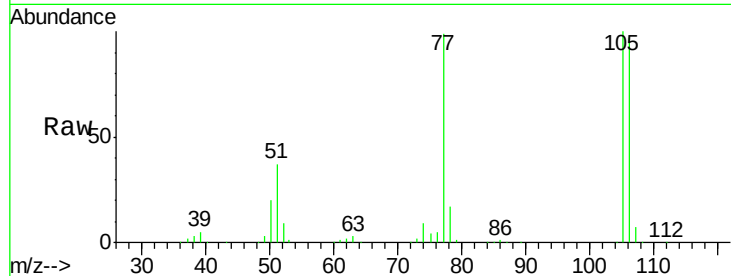
105 101.5 83.0 123.0

106 98.3 78.5 118.5

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#10

Phenol

Concen: 37.09 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090082.D

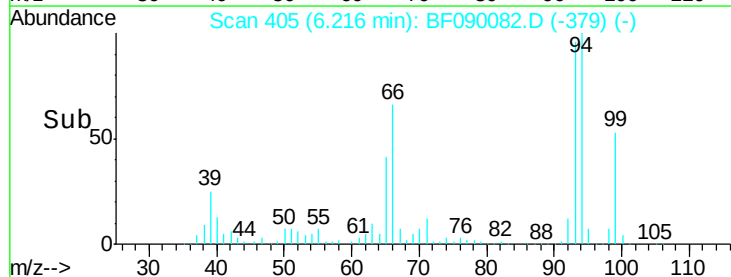
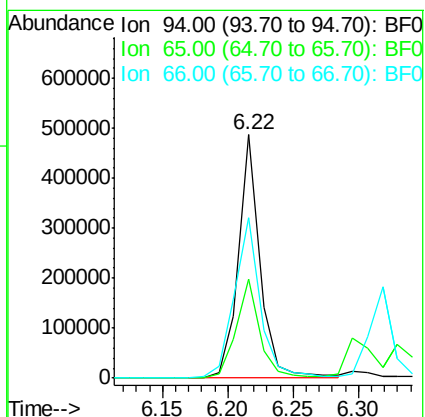
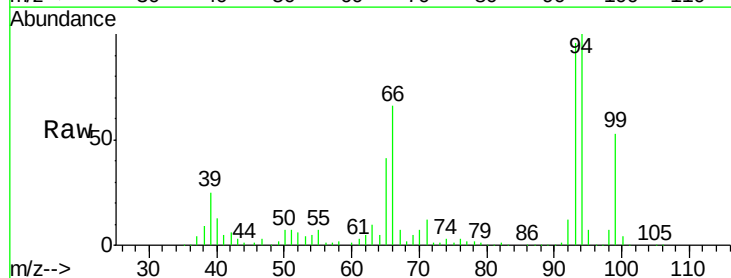
Acq: 15 Sep 2016 9:16

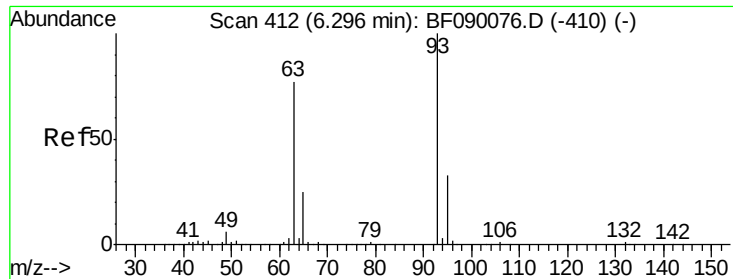
Tgt Ion: 94 Resp: 560829
Ion Ratio Lower Upper

94 100

65 40.7 20.6 60.6

66 65.8 45.1 85.1





#11

bis(2-Chloroethyl)ether

Concen: 39.94 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

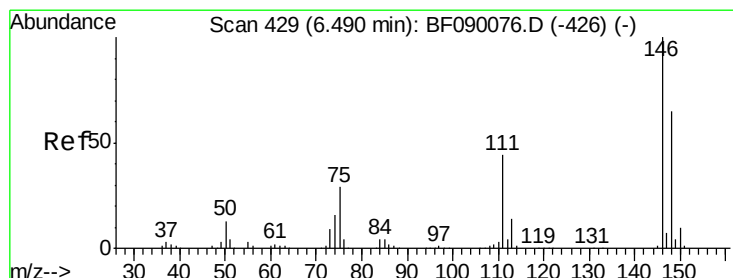
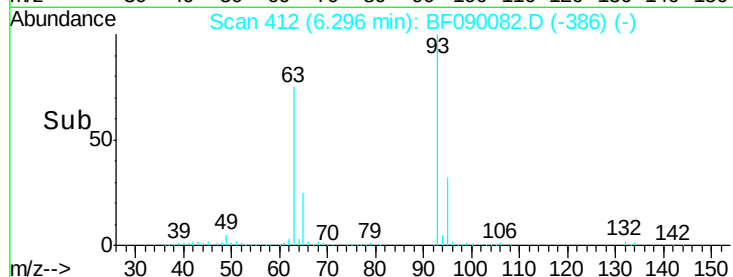
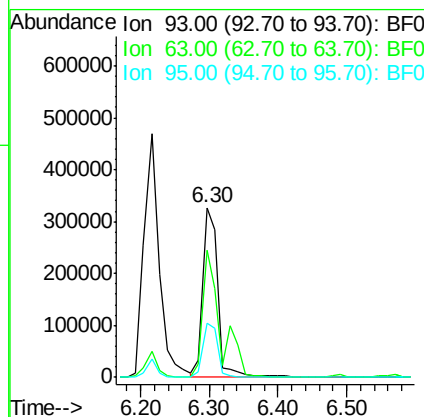
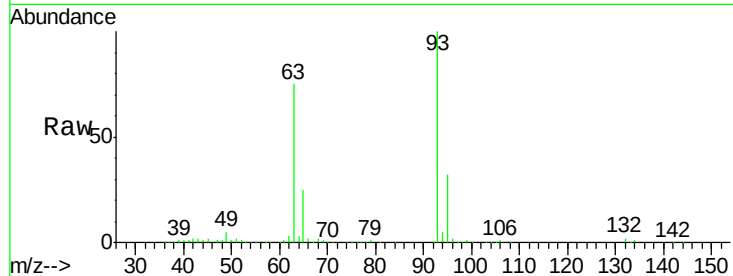
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	484335
Ion Ratio	Lower	Upper	
93	100		
63	74.6	55.6	95.6
95	32.2	12.6	52.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.18 ng

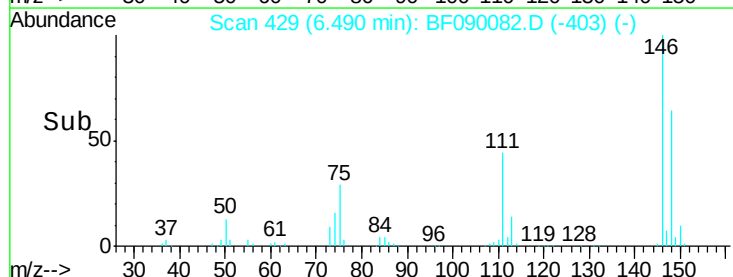
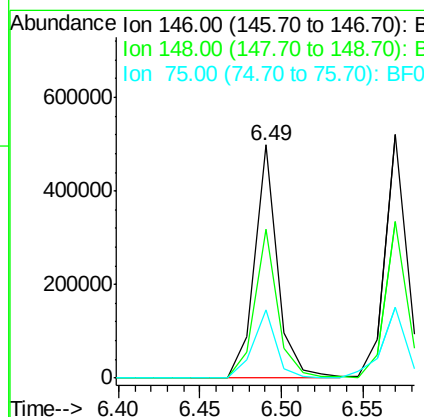
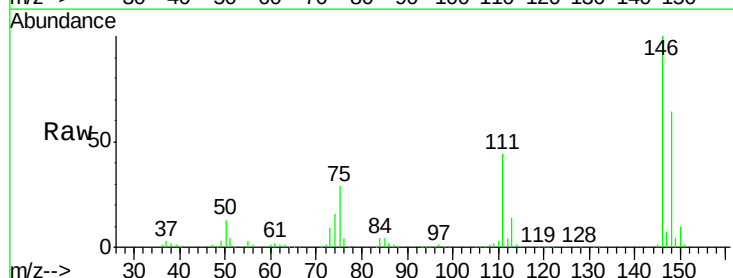
RT: 6.49 min Scan# 429

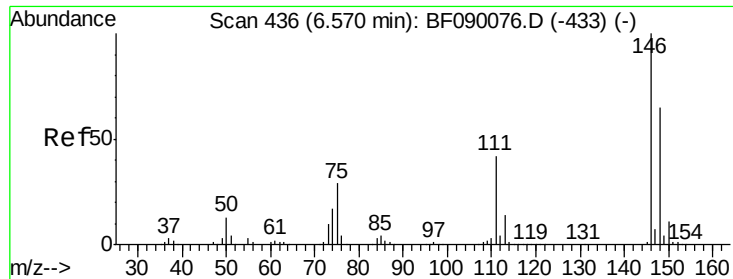
Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	146	Resp:	489982
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
75	29.1	22.8	34.2





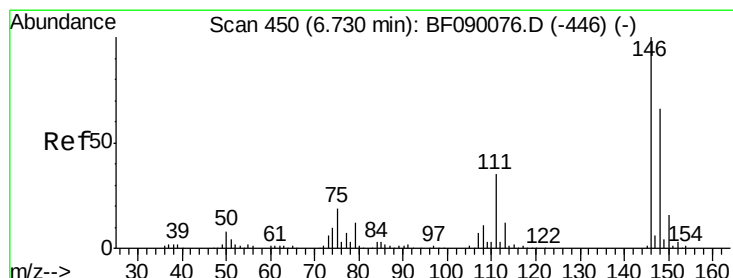
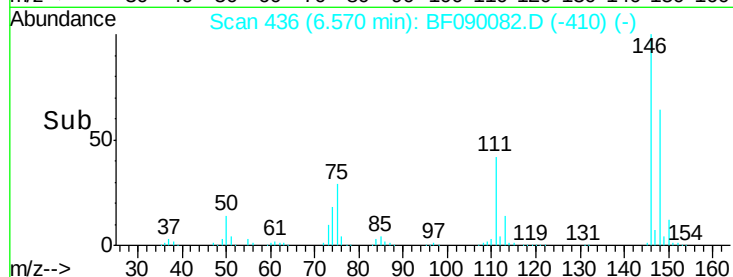
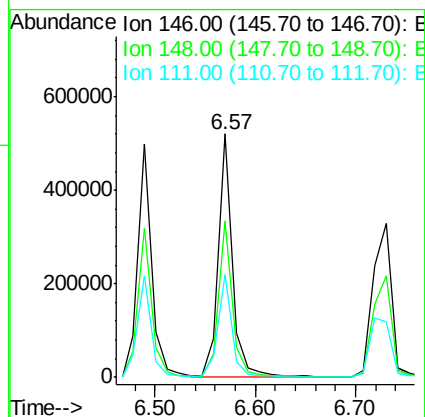
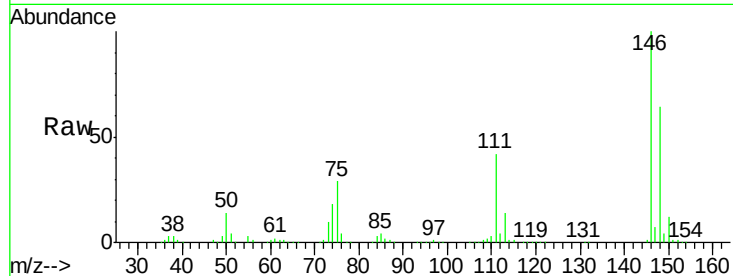
#13
 1,4-Dichlorobenzene
 Concen: 40.73 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
111	42.3	33.8	50.6

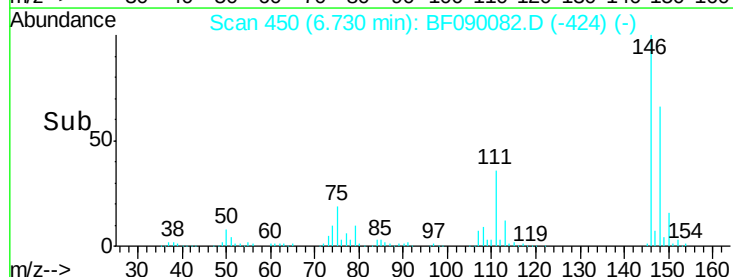
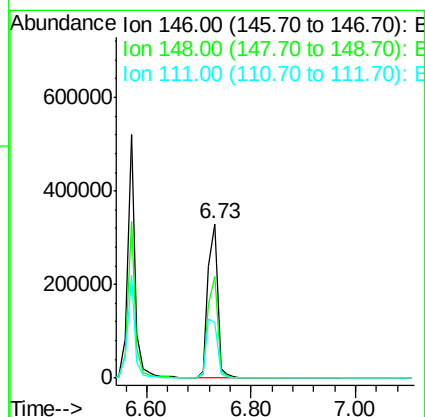
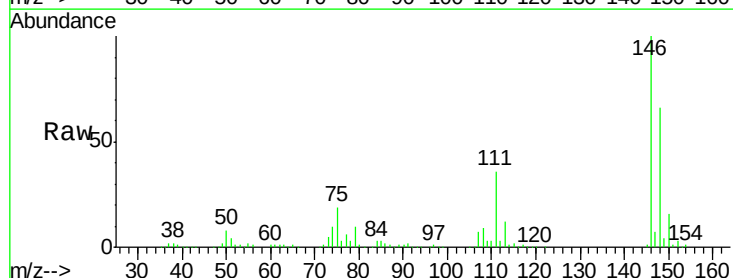
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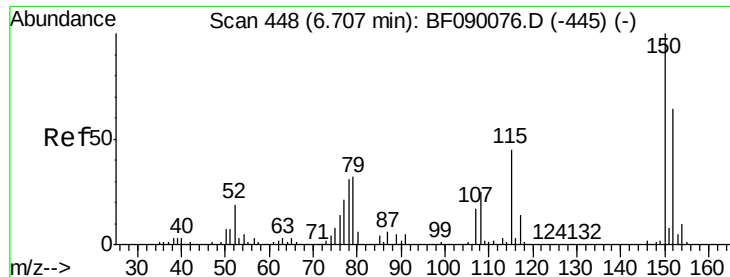
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#14
 1,2-Dichlorobenzene
 Concen: 37.50 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	79.0
111	36.1	28.2	42.2





#15

Benzyl Alcohol

Concen: 40.34 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

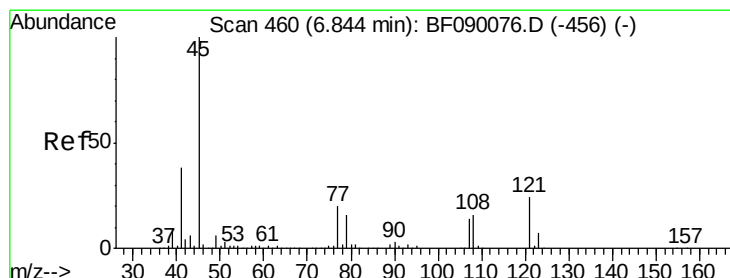
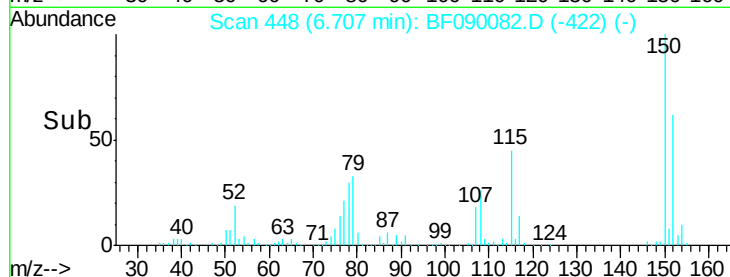
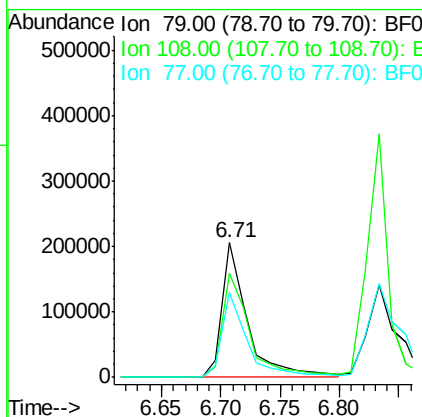
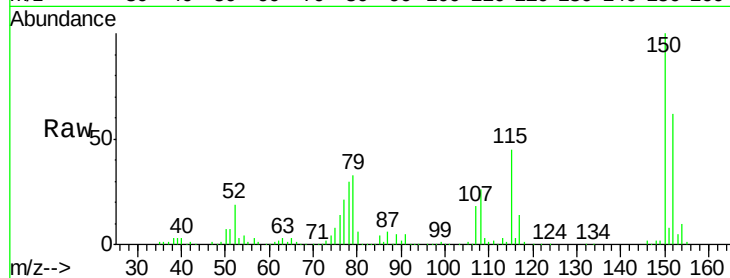
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	306014
Ion Ratio	Lower	Upper	
79	100		
108	77.2	62.2	93.4
77	63.6	51.4	77.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.71 ng

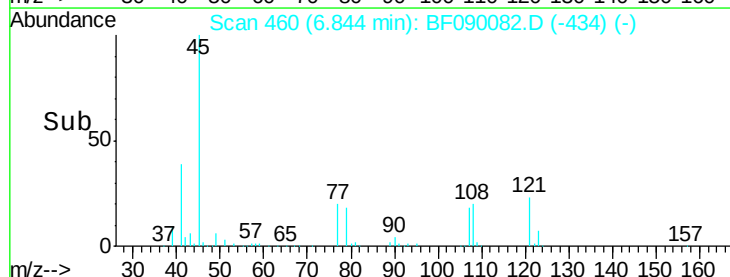
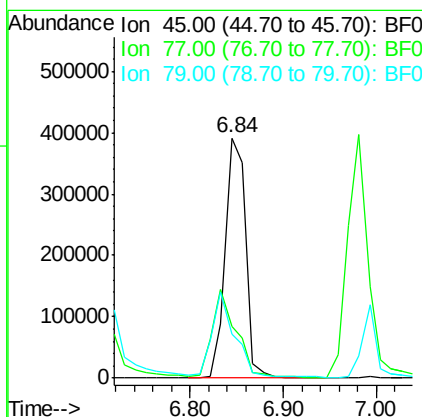
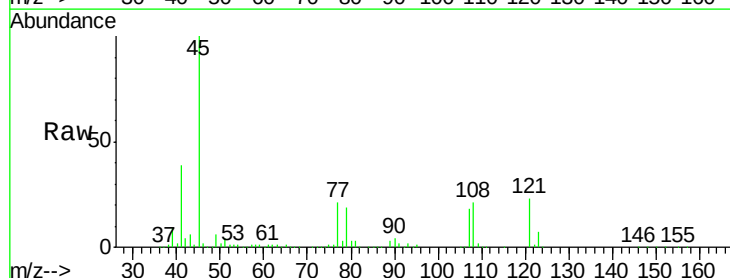
RT: 6.84 min Scan# 460

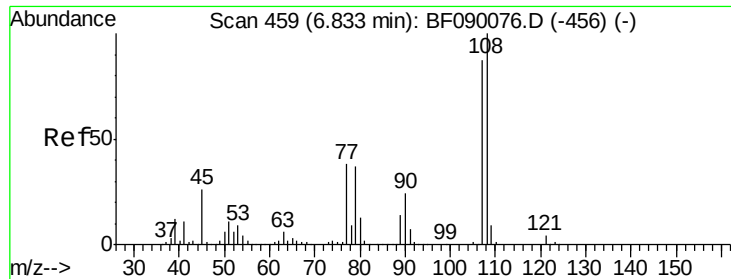
Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	45	Resp:	599410
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.5	40.5
79	18.5	0.0	37.0





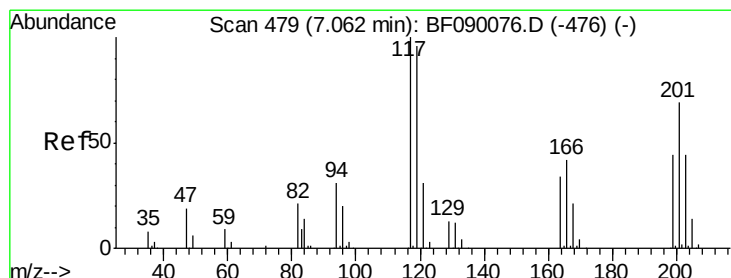
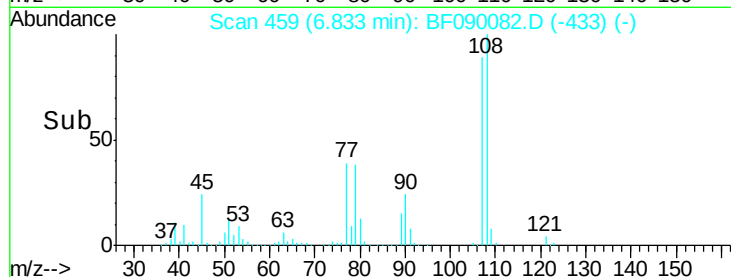
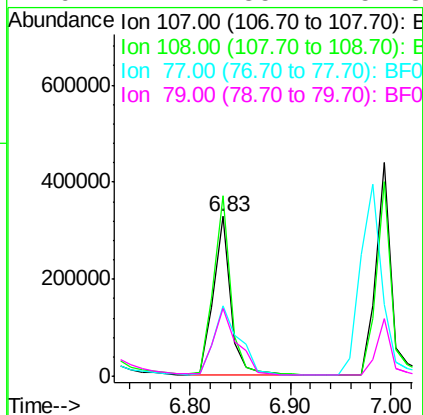
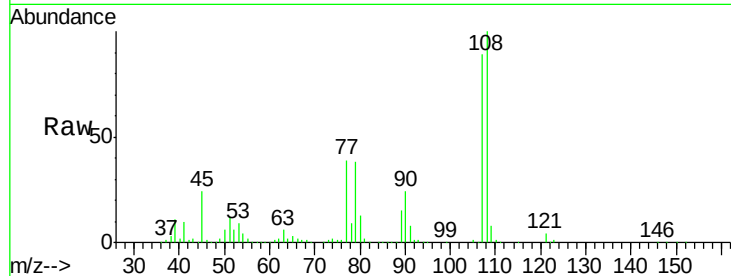
#17
2-Methylphenol
Concen: 41.06 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	398160
Ion Ratio	Lower	Upper	
107	100		
108	112.9	92.0	138.0
77	43.7	35.6	53.4
79	42.7	35.2	52.8

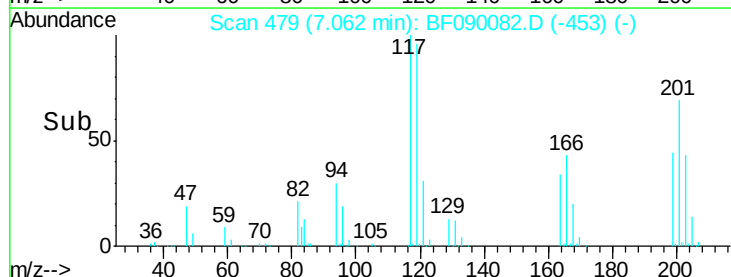
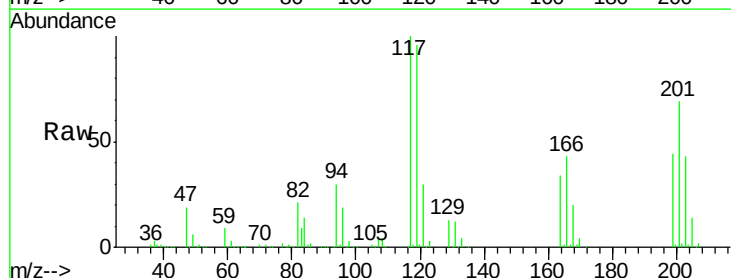
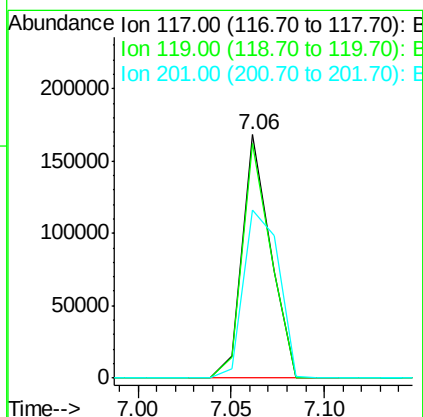
Manual Integrations
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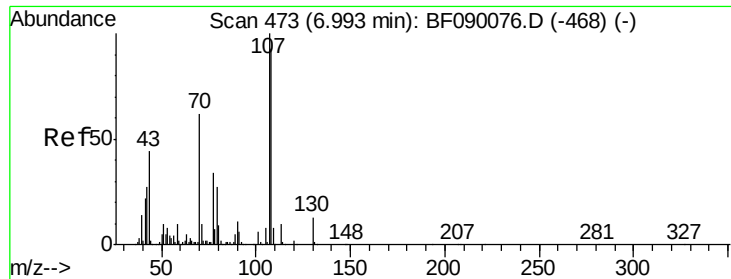
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#18
Hexachloroethane
Concen: 38.69 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:	117	Resp:	176771
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.6	115.0
201	69.1	55.5	83.3





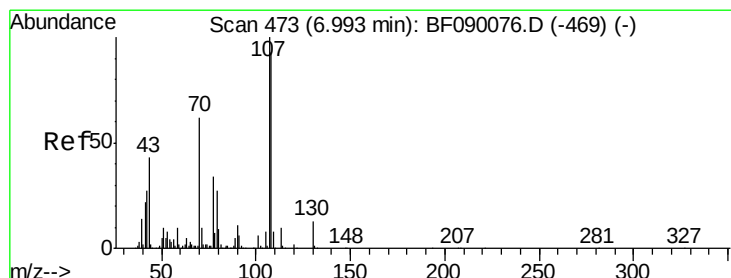
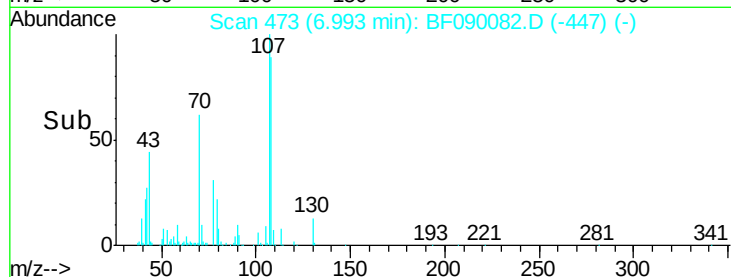
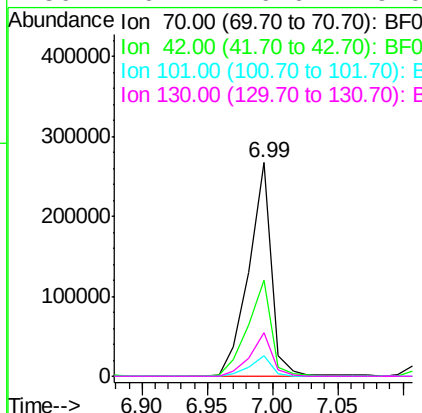
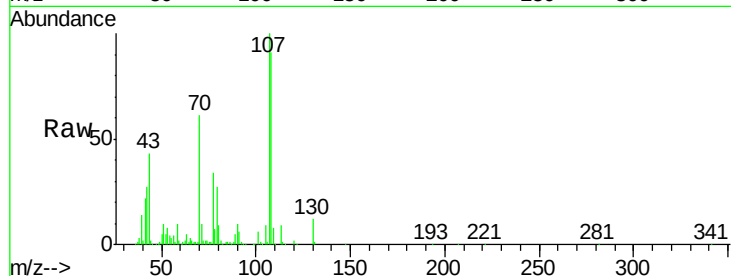
#19
n-Nitroso-di-n-propylamine
Concen: 38.61 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.8	35.1	52.7	
101	9.7	7.5	11.3	
130	20.4	16.6	25.0	

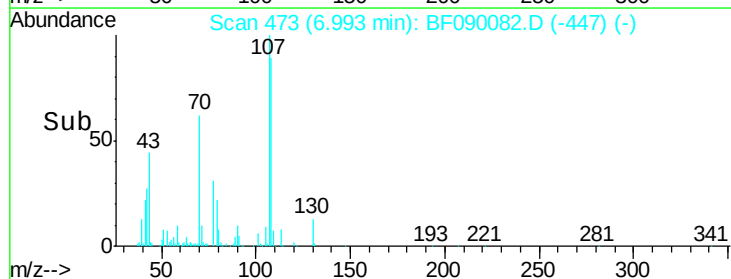
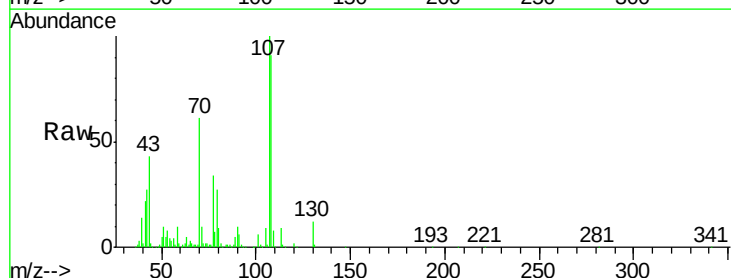
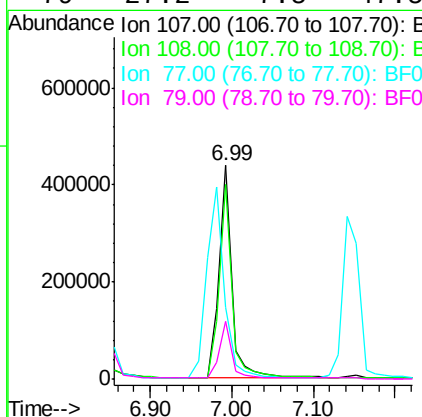
Manual Integrations
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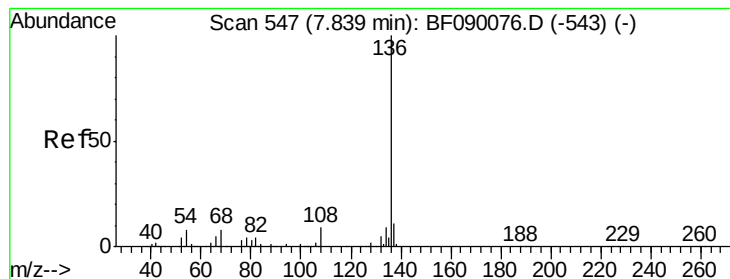
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#20
3+4-Methylphenols
Concen: 41.74 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	73.3	113.3	
77	33.9	14.1	54.1	
79	27.2	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

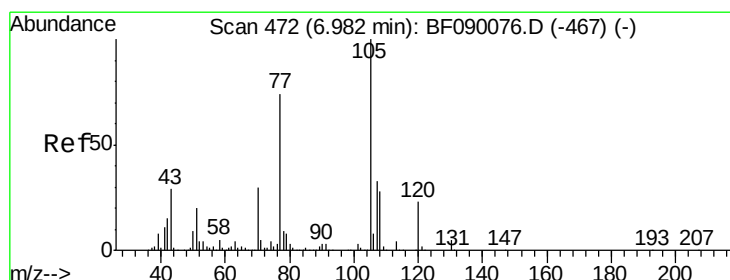
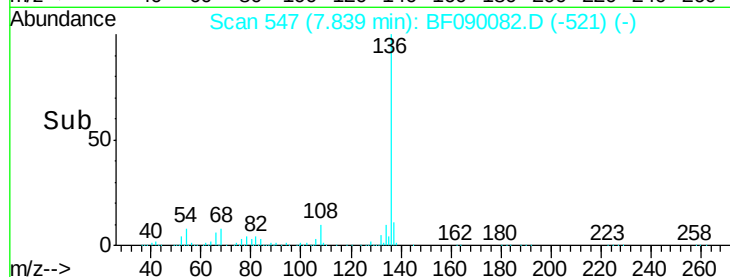
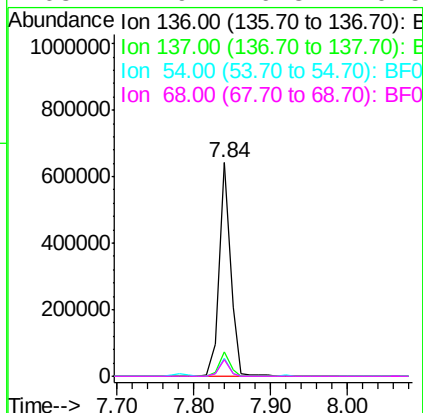
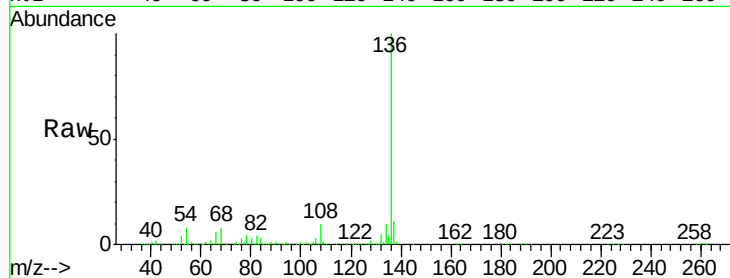
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	670414		
137	11.2	9.0	13.4	
54	8.3	6.4	9.6	
68	7.9	6.3	9.5	

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#22

Acetophenone

Concen: 42.38 ng

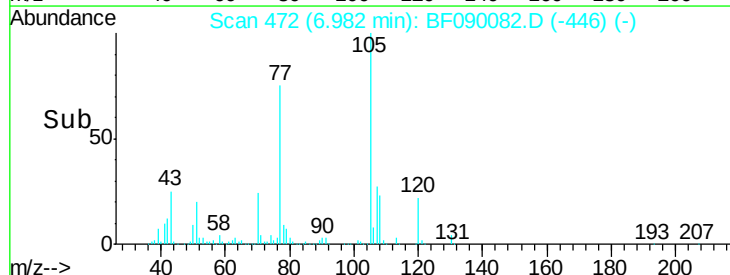
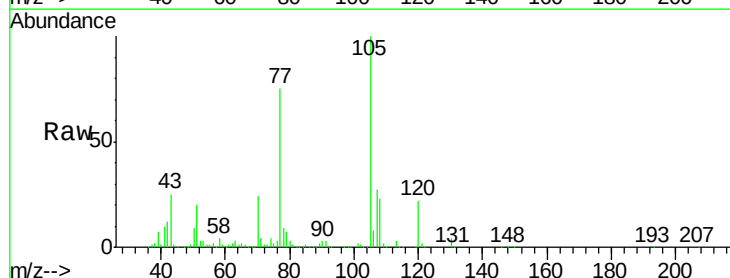
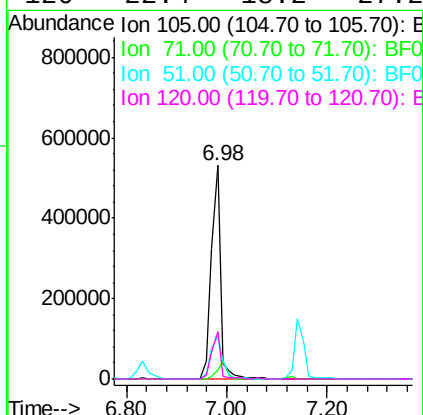
RT: 6.98 min Scan# 472

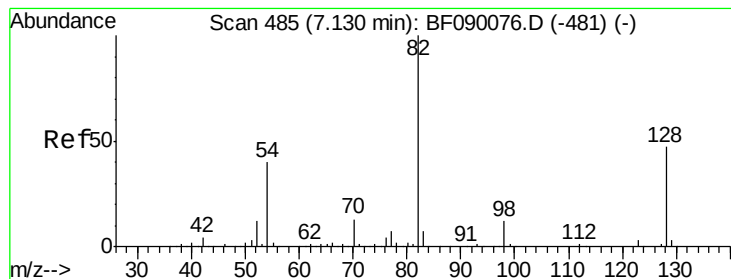
Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	687801		
71	4.2	4.1	6.1	
51	19.8	16.2	24.2	
120	22.4	18.2	27.2	





#23

Nitrobenzene-d5

Concen: 81.83 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 82 Resp: 975669

Ion Ratio Lower Upper

82 100

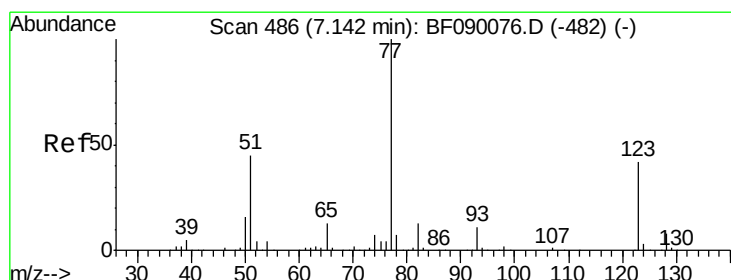
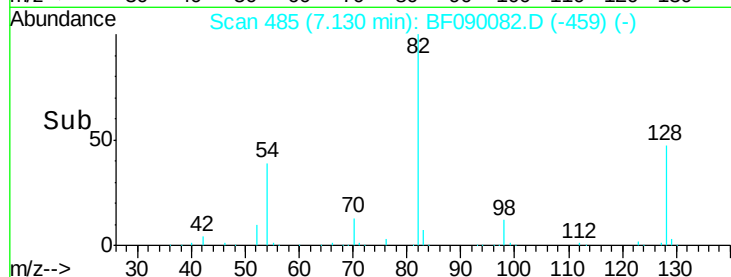
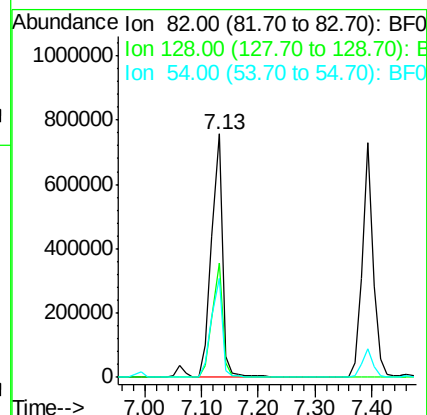
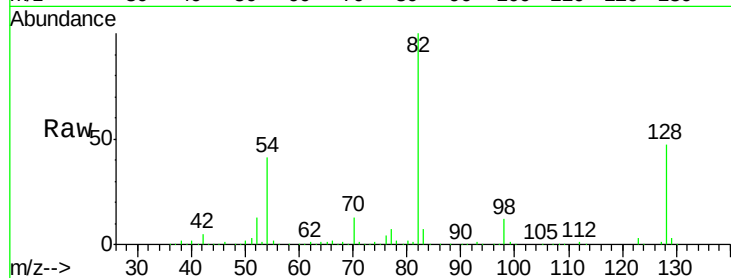
128 46.7 37.5 56.3

54 40.5 31.9 47.9

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#24

Nitrobenzene

Concen: 39.16 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

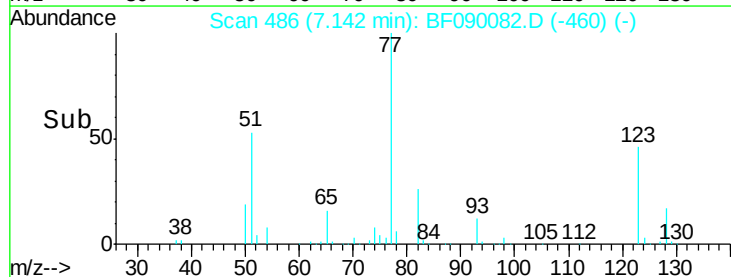
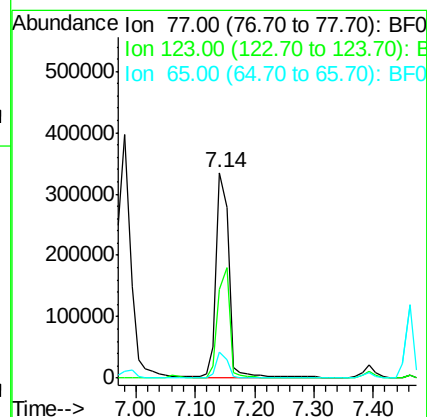
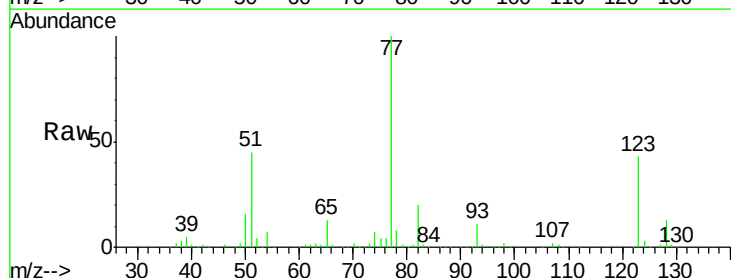
Tgt Ion: 77 Resp: 491876

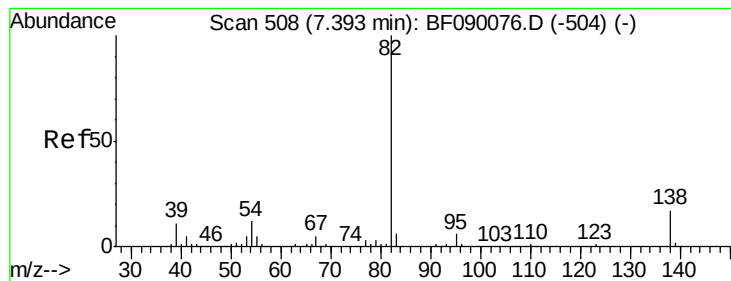
Ion Ratio Lower Upper

77 100

123 43.0 33.4 50.2

65 12.7 10.1 15.1





#25

Isophorone

Concen: 39.90 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

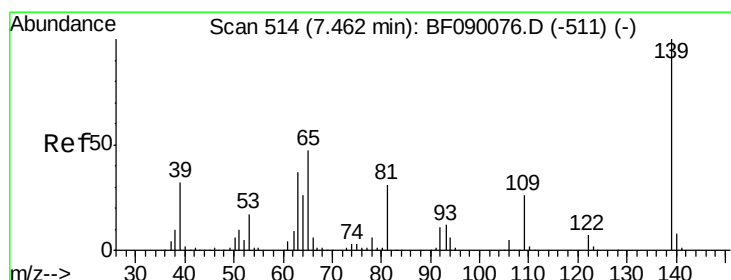
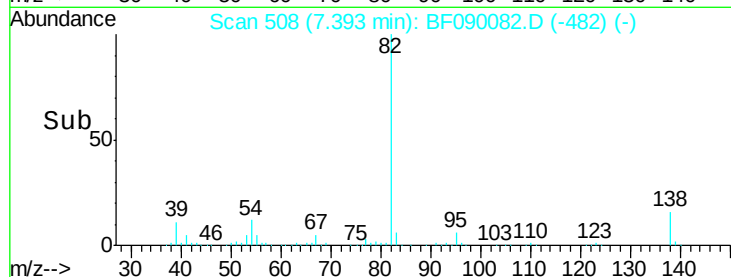
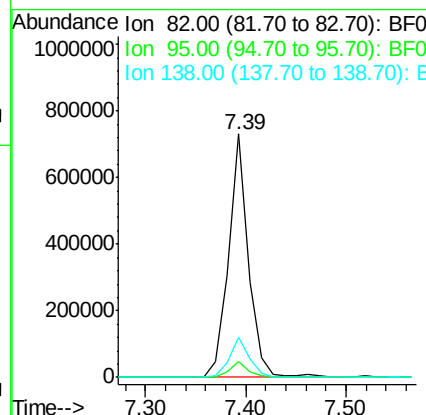
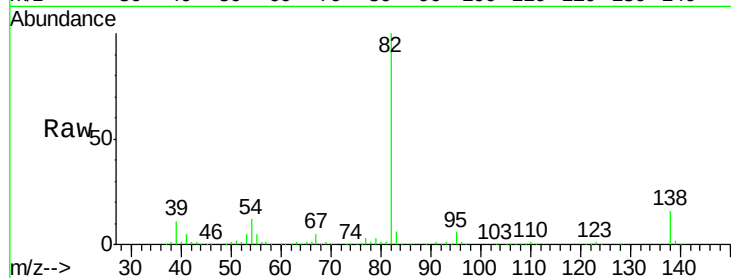
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	996261
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.1	7.7
138	16.4	13.5	20.3

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#26

2-Nitrophenol

Concen: 42.72 ng

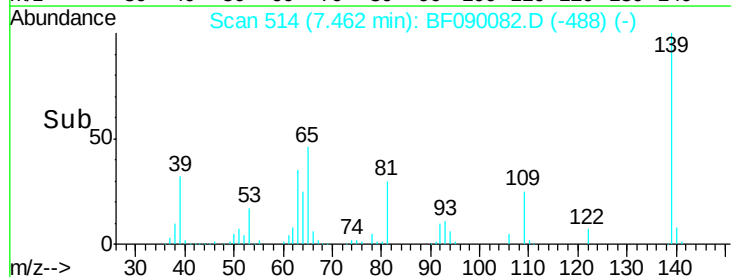
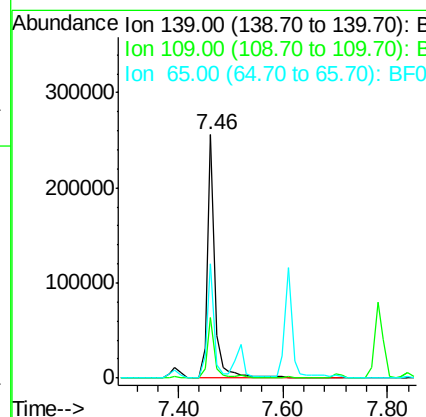
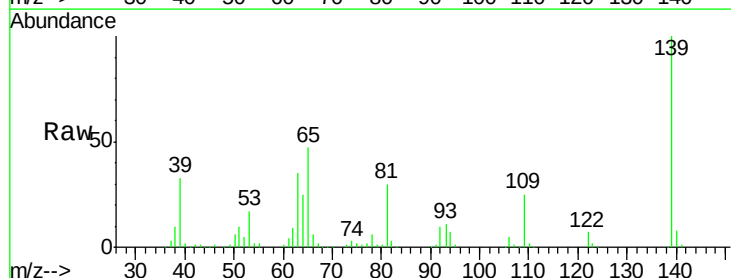
RT: 7.46 min Scan# 514

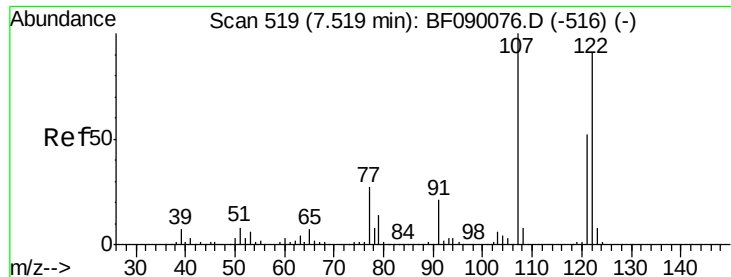
Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	139	Resp:	260170
Ion Ratio		Lower	Upper
139	100		
109	24.8	20.5	30.7
65	46.8	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 42.55 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

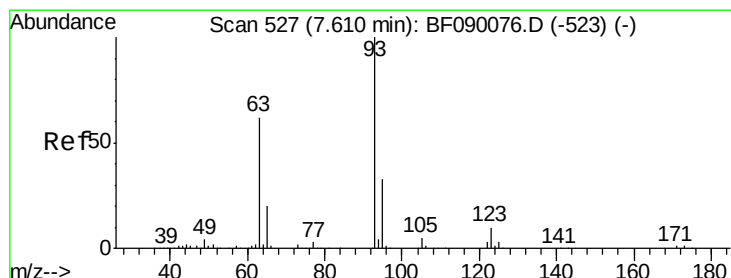
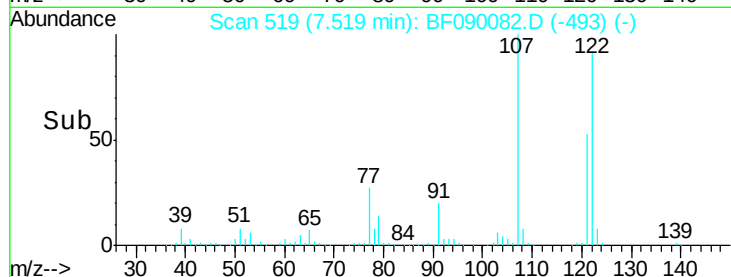
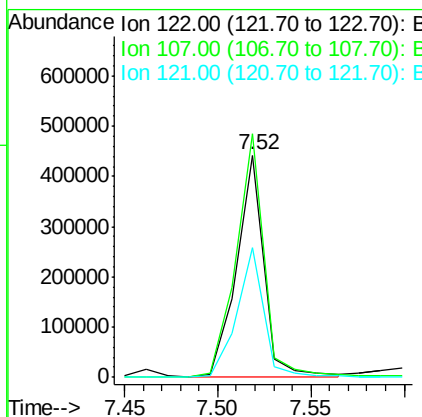
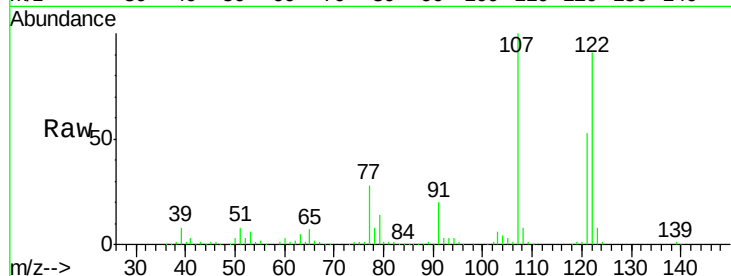
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	455951		
107	109.7	87.8	131.6	
121	58.2	45.7	68.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 39.18 ng

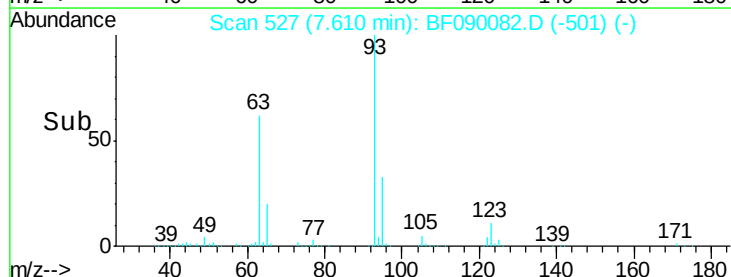
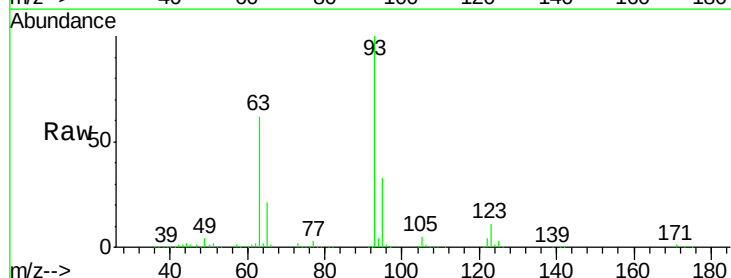
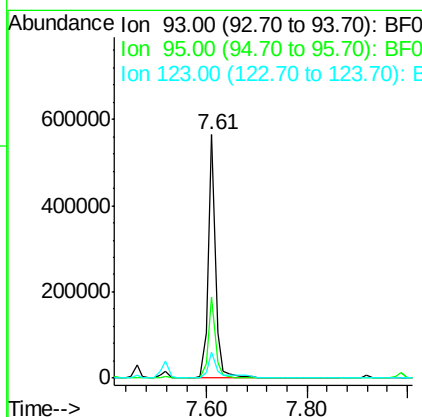
RT: 7.61 min Scan# 527

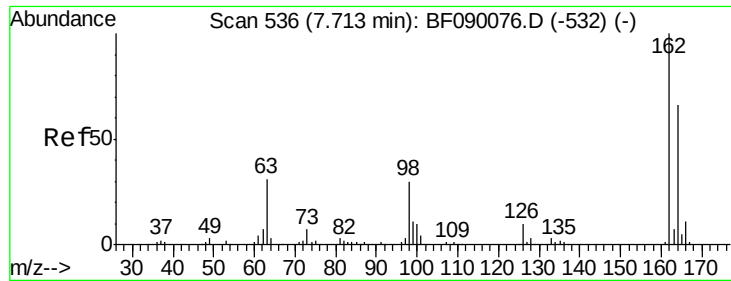
Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	573776		
95	33.1	26.8	40.2	
123	10.7	8.5	12.7	





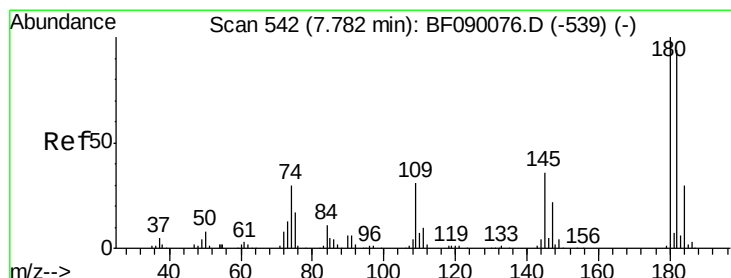
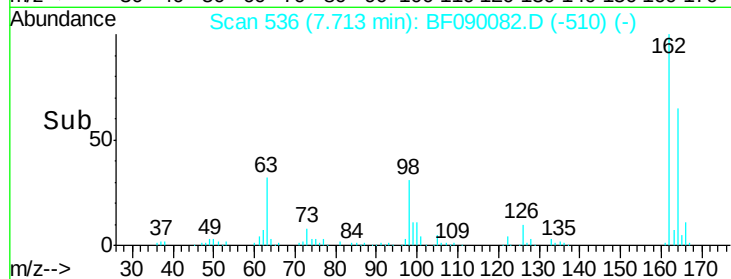
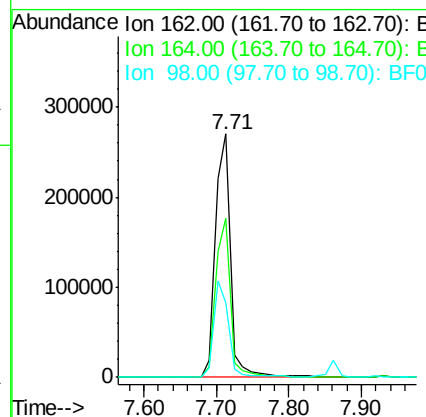
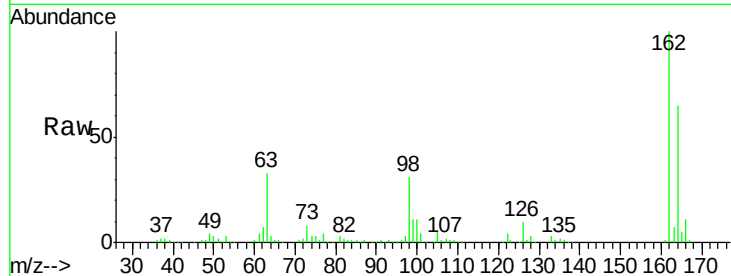
#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	46.2	86.2
98	30.7	10.4	50.4

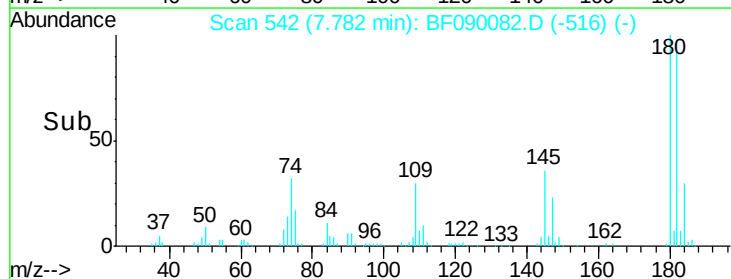
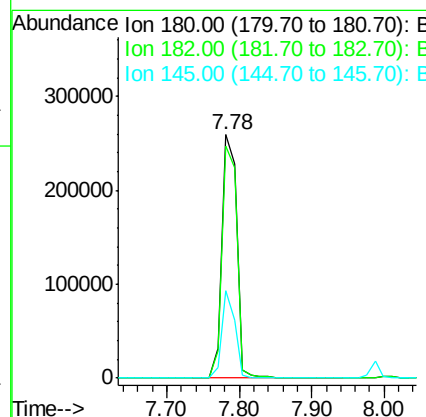
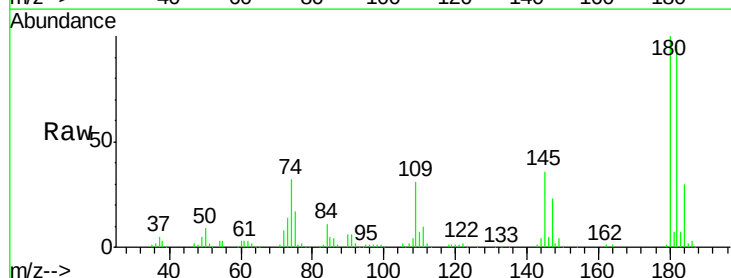
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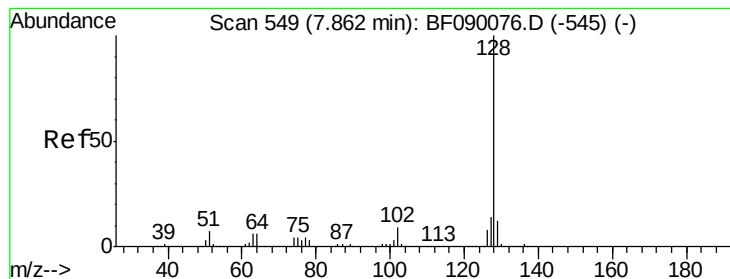
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.0	112.6
145	36.2	28.6	42.8





#31

Naphthalene

Concen: 38.81 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1278824

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

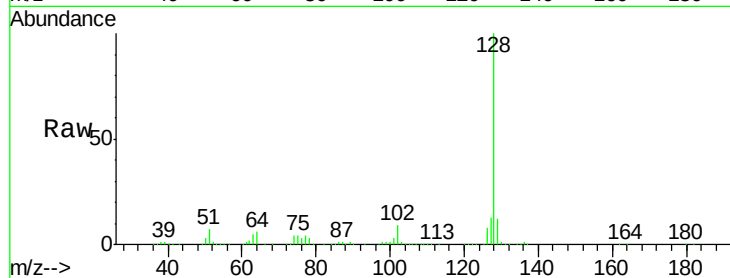
127 13.5 10.8 16.2

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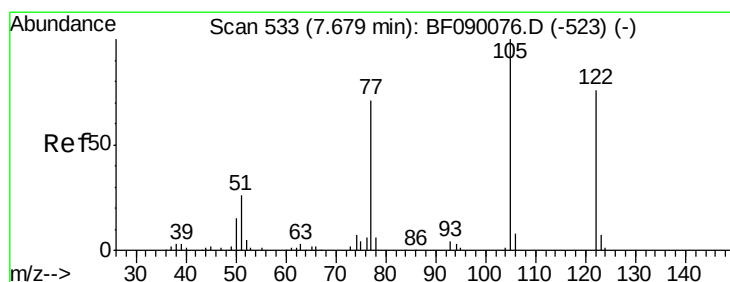
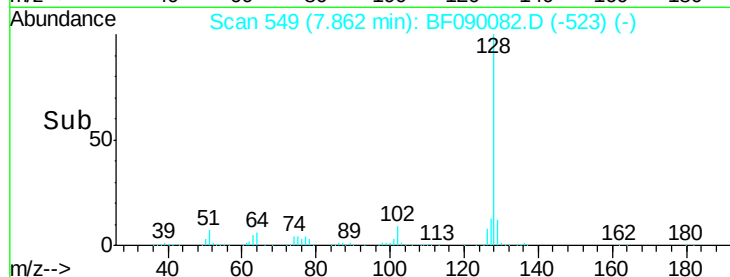
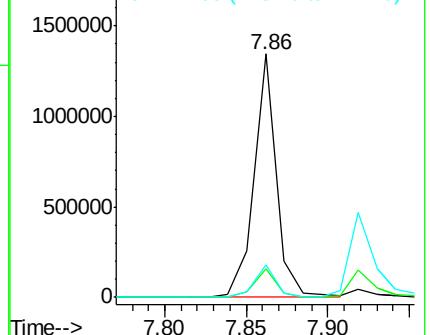
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.72 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

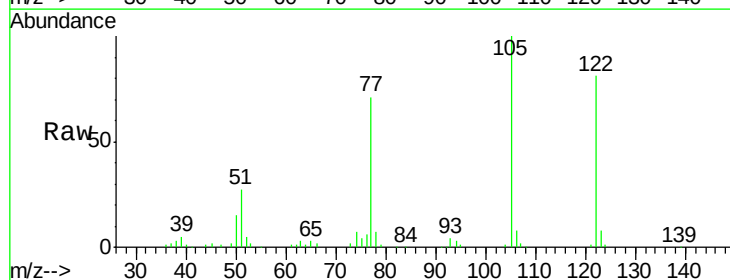
Tgt Ion:122 Resp: 341393

Ion Ratio Lower Upper

122 100

105 122.8 105.0 145.0

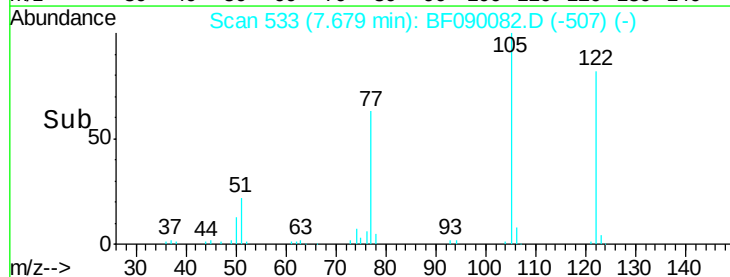
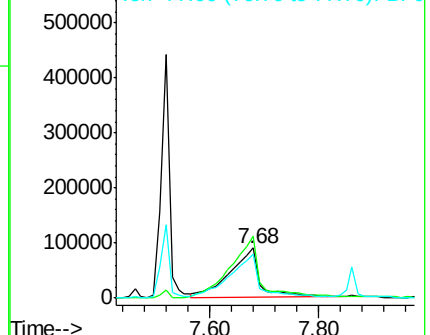
77 87.3 70.4 110.4

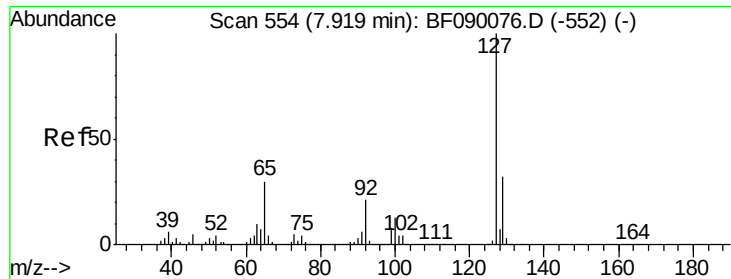


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





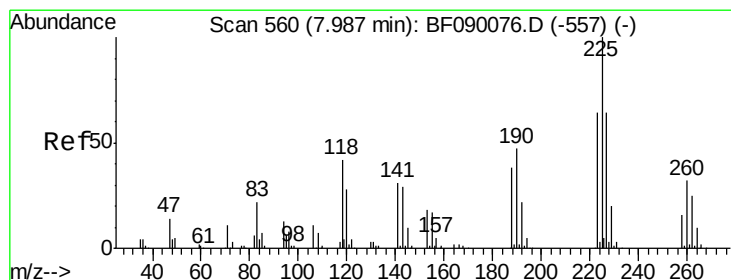
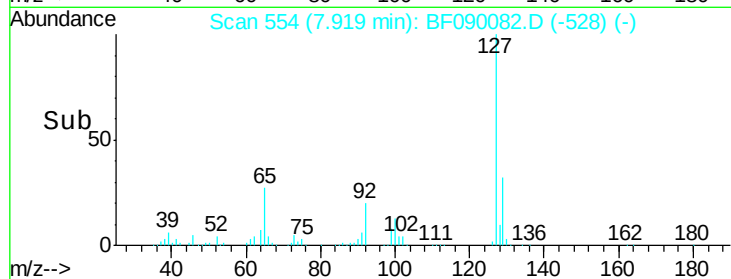
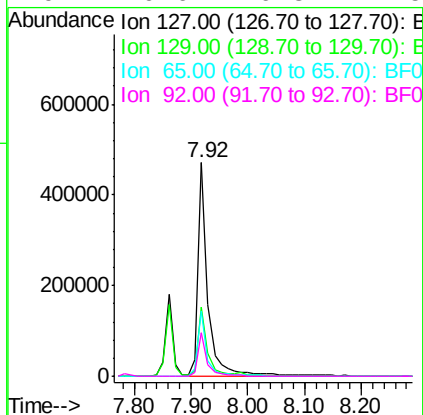
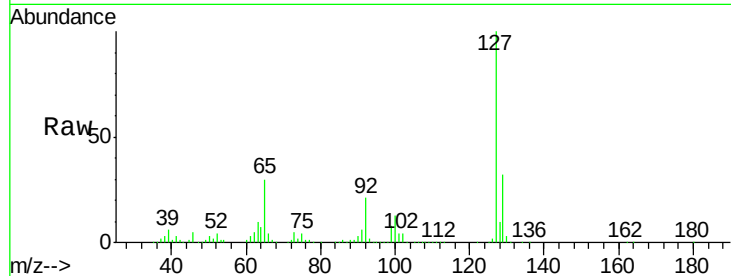
#33
 4-Chloroaniline
 Concen: 39.32 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	551502		
129	32.4	25.8	38.6	
65	30.4	24.1	36.1	
92	20.6	16.3	24.5	

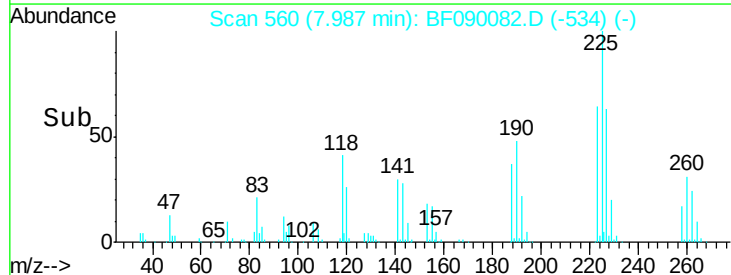
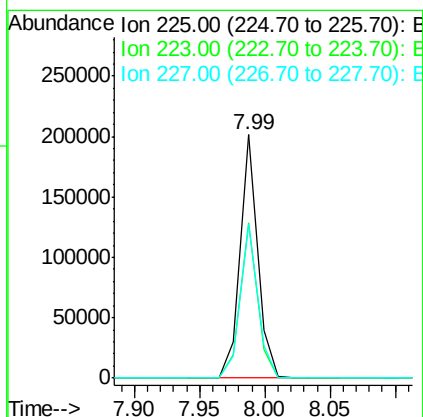
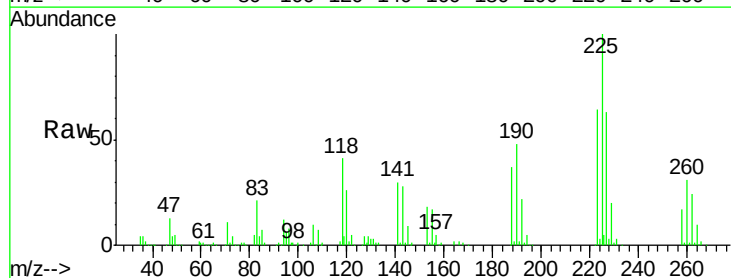
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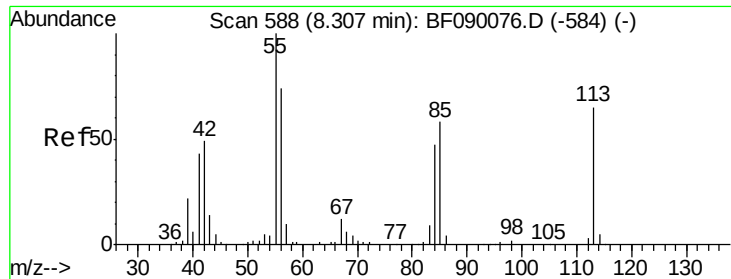
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#34
 Hexachlorobutadiene
 Concen: 39.23 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187599		
223	63.6	51.3	76.9	
227	63.5	51.4	77.0	





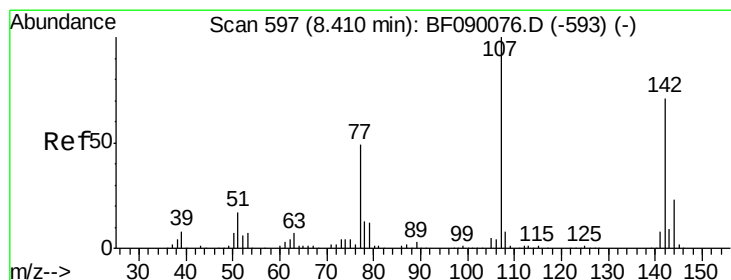
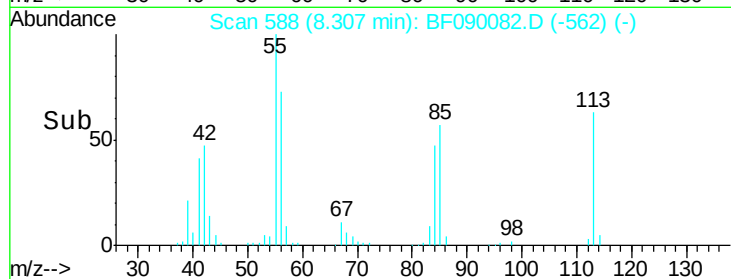
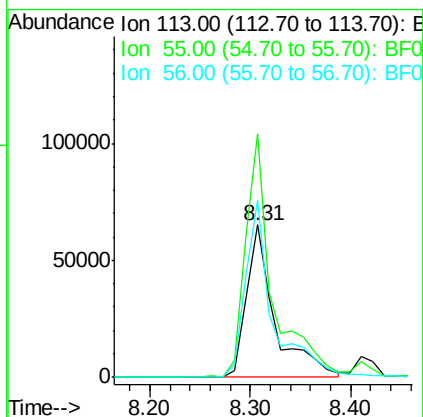
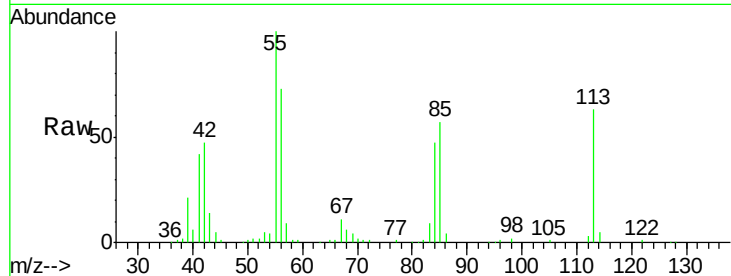
#35
 Caprolactam
 Concen: 40.33 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127466		
55	159.8	134.5	174.5	
56	115.9	93.7	133.7	

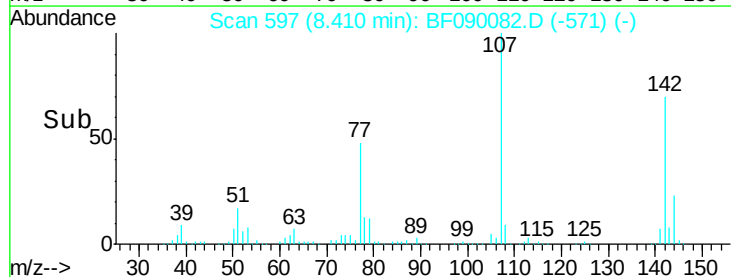
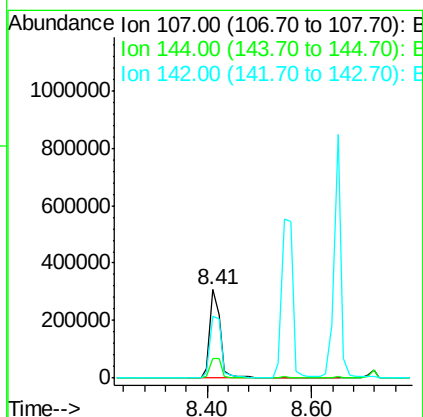
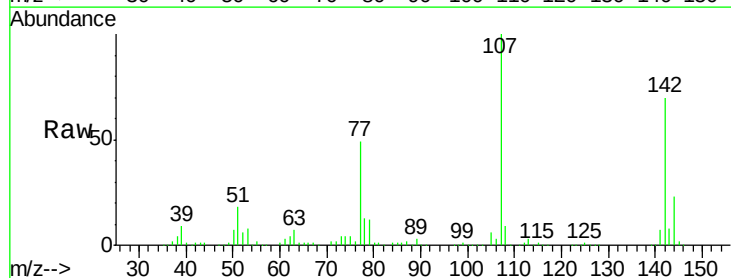
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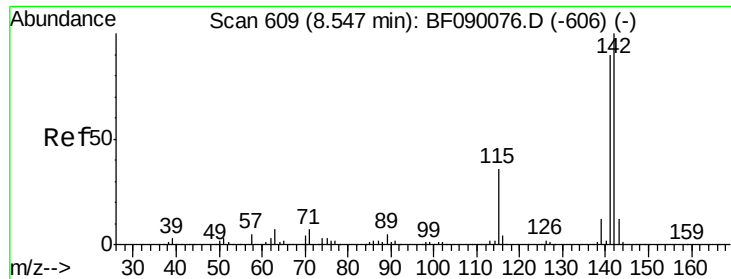
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#36
 4-Chloro-3-methylphenol
 Concen: 39.75 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	436794		
144	22.6	18.6	27.8	
142	70.0	57.0	85.6	





#37

2-Methylnaphthalene

Concen: 40.17 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

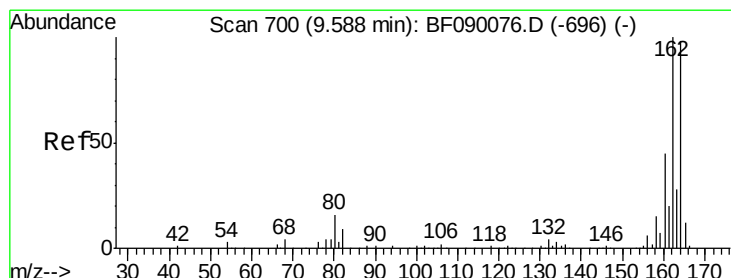
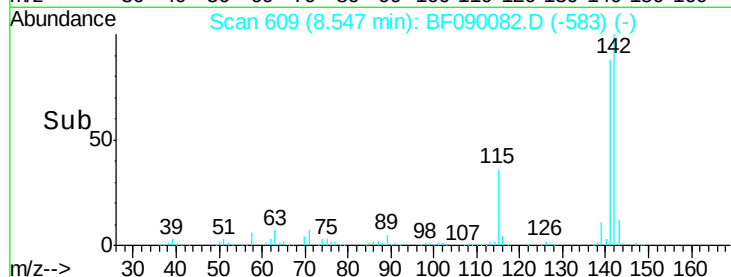
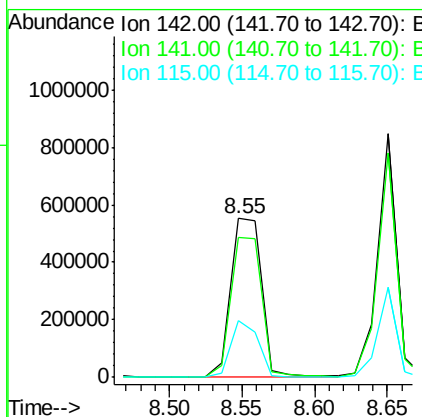
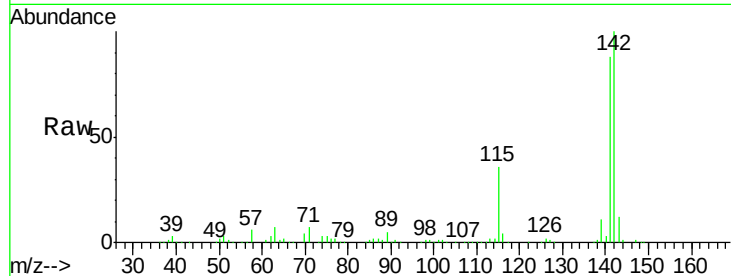
ClientSampled :

SSTDCCC040

Tgt Ion:	142	Resp:	821039
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.4	107.2
115	35.6	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

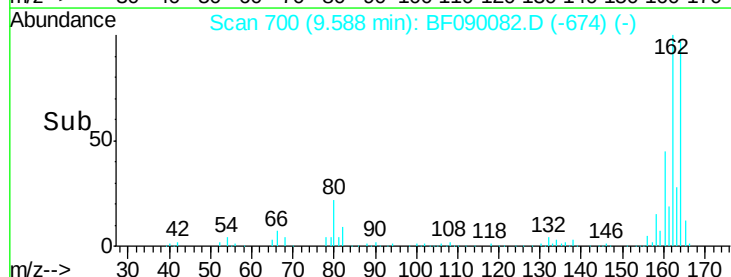
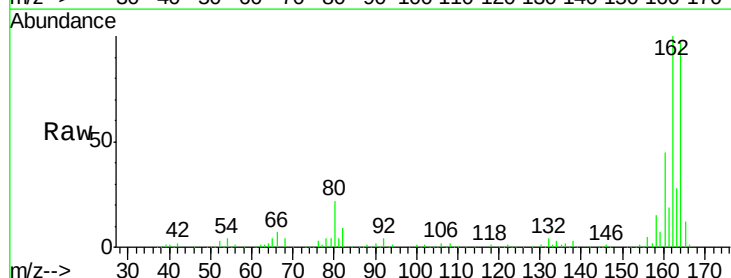
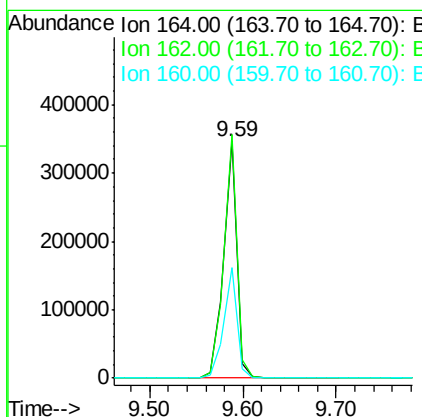
RT: 9.59 min Scan# 700

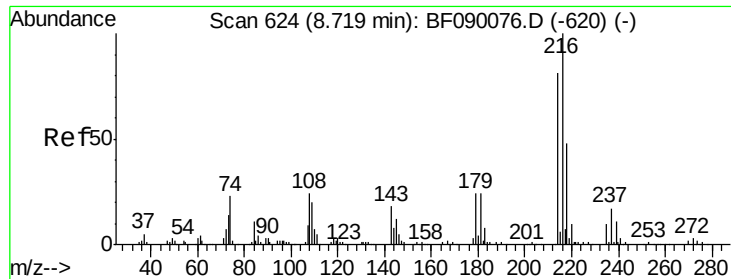
Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	164	Resp:	337101
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.4	122.2
160	46.6	36.6	54.8





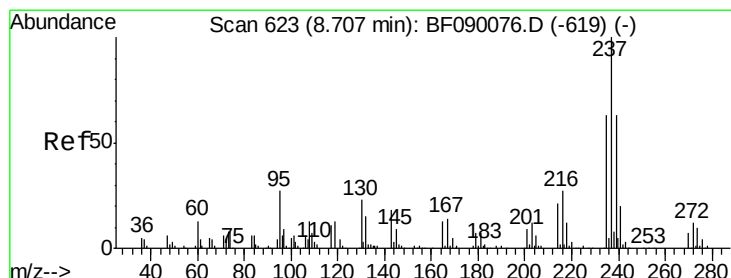
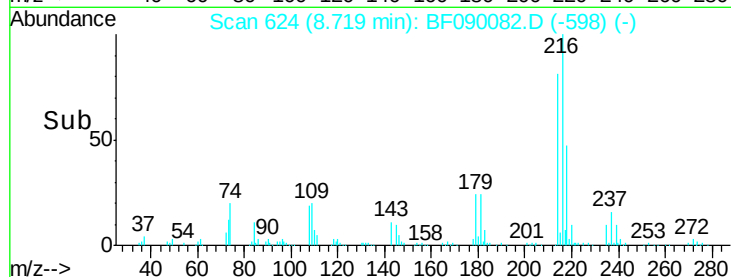
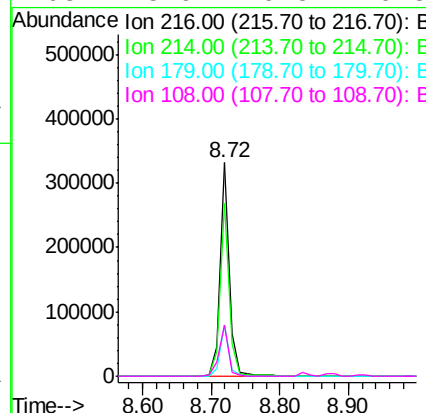
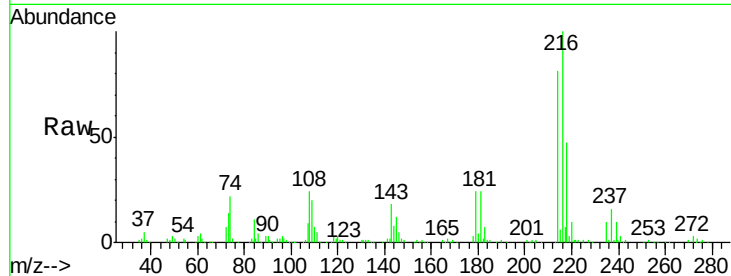
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.86 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	319535		
214	80.1	63.7	95.5	
179	22.6	18.5	27.7	
108	23.9	19.5	29.3	

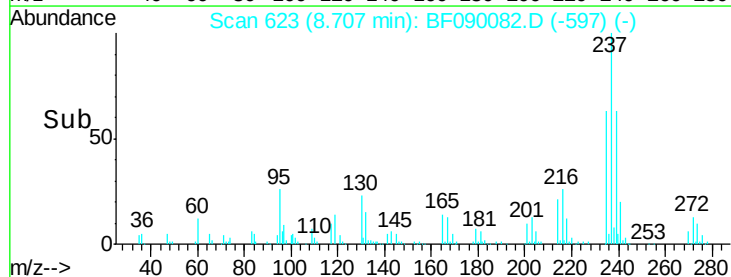
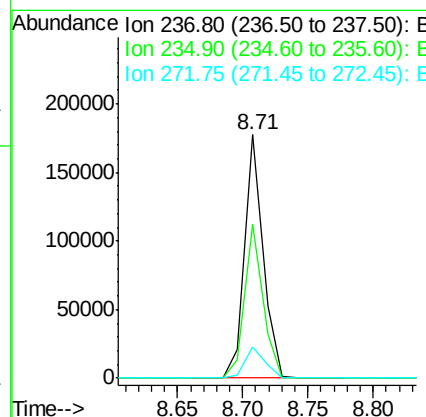
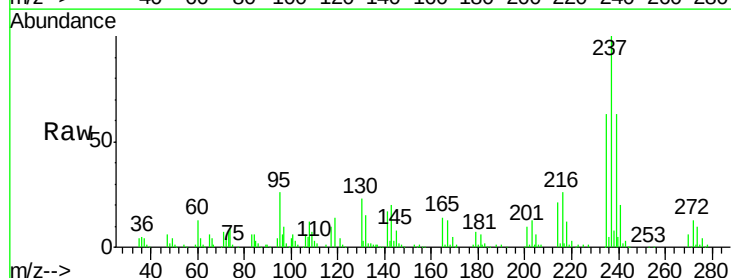
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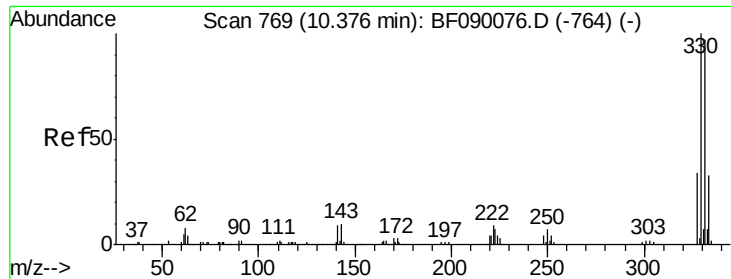
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#40
 Hexachlorocyclopentadiene
 Concen: 38.53 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	173588		
235	63.2	42.5	82.5	
272	12.7	0.0	32.0	





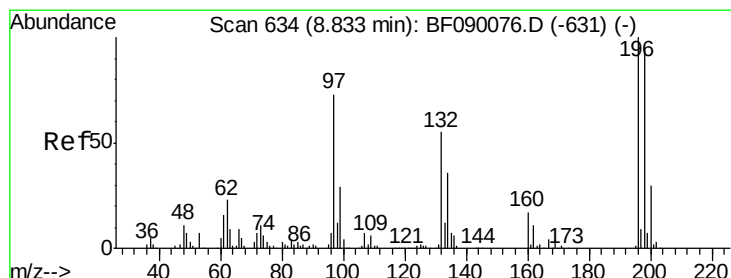
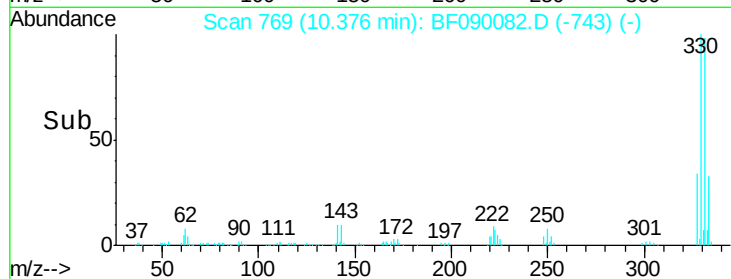
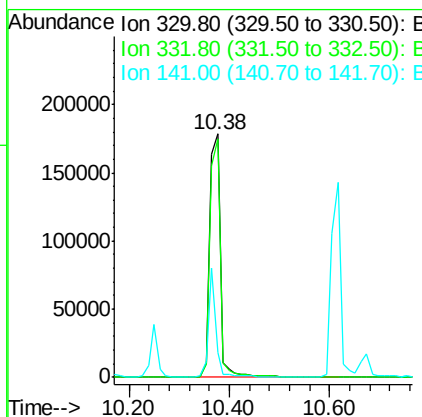
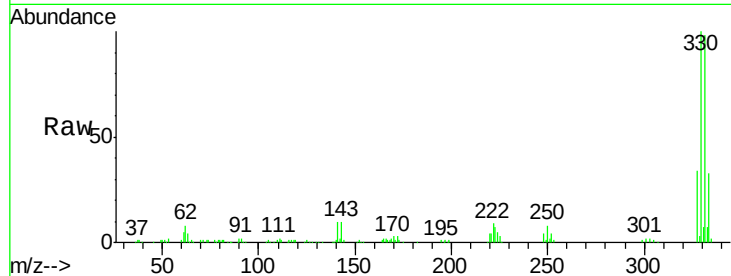
#41
 2,4,6-Tribromophenol
 Concen: 78.65 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	266336		
332	96.2	78.1	117.1	
141	31.5	23.9	35.9	

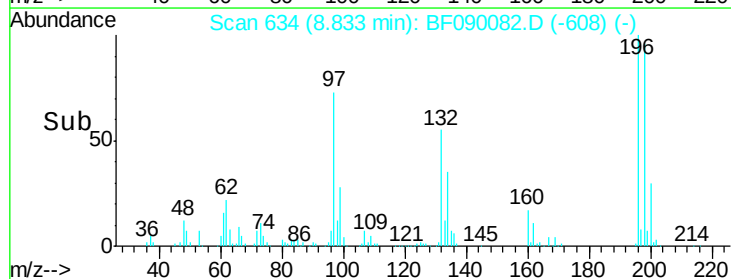
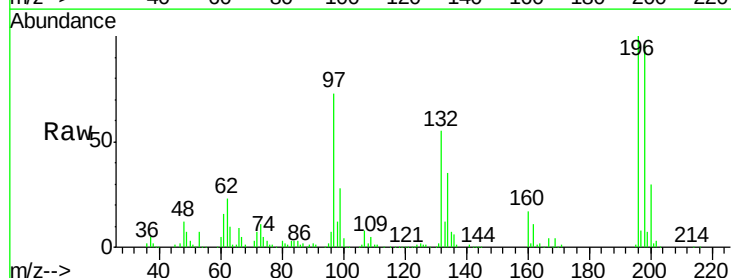
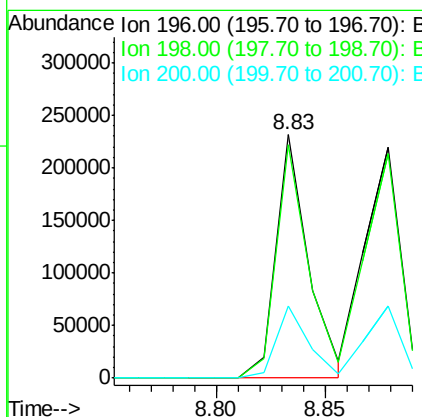
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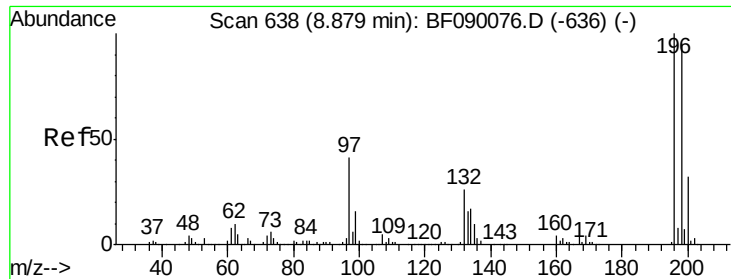
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#42
 2,4,6-Trichlorophenol
 Concen: 38.23 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240176		
198	95.8	76.3	114.5	
200	29.5	24.1	36.1	





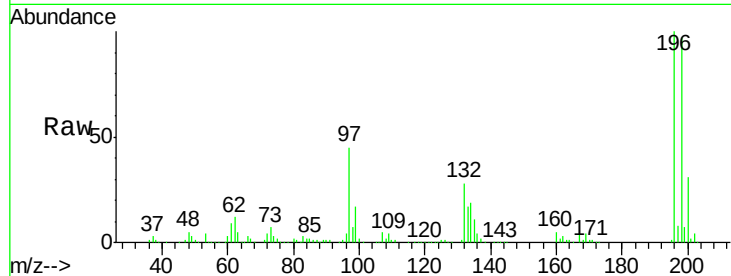
#43
 2,4,5-Trichlorophenol
 Concen: 39.12 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

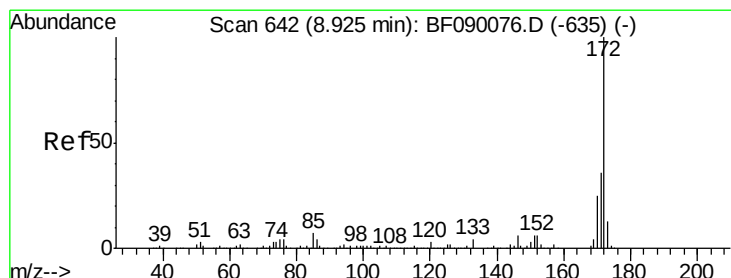
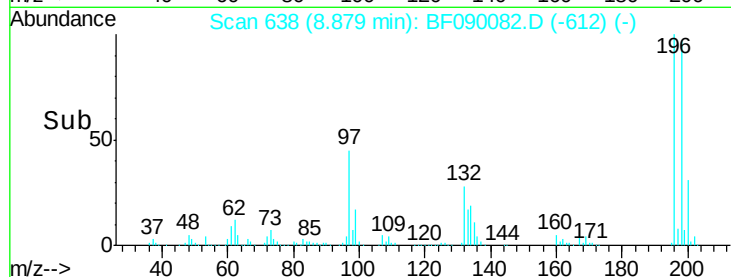
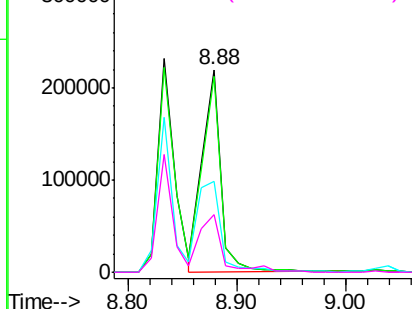
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264351		
198	97.0	76.6	114.8	
97	45.2	34.4	51.6	
132	28.3	22.2	33.2	

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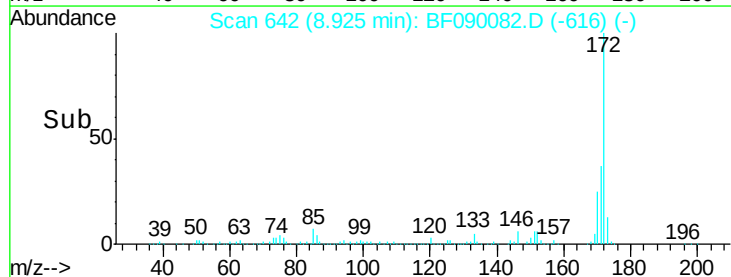
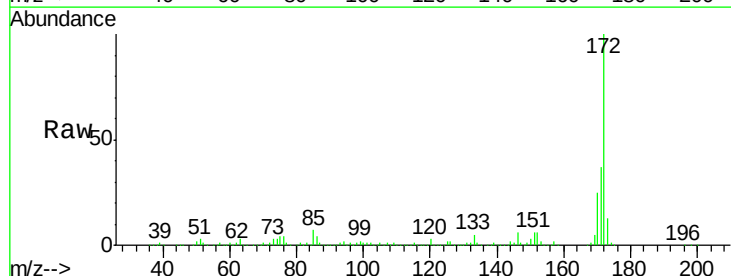
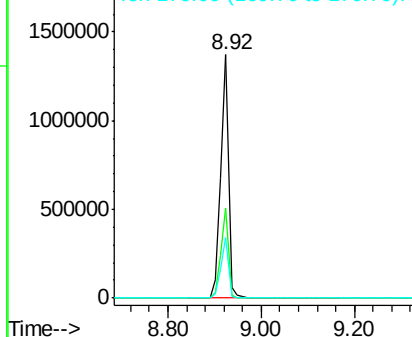
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

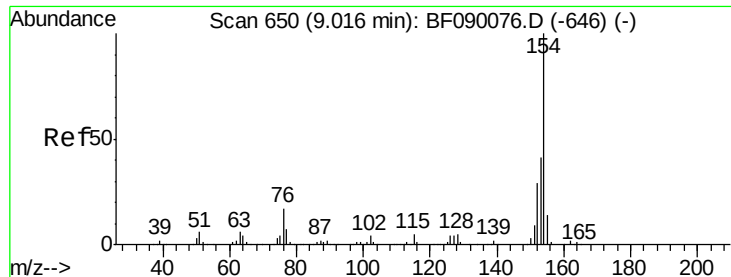


#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1547949		
171	36.9	29.2	43.8	
170	25.1	19.8	29.8	

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





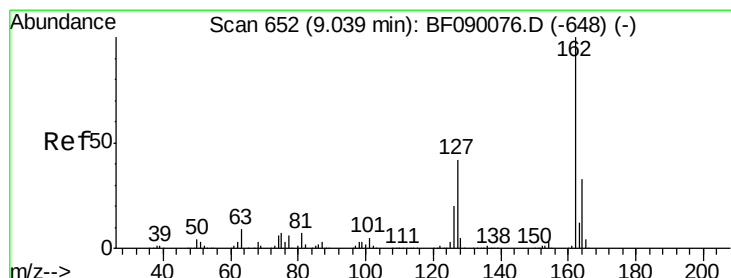
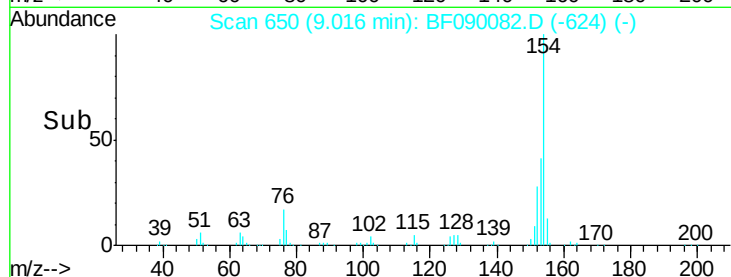
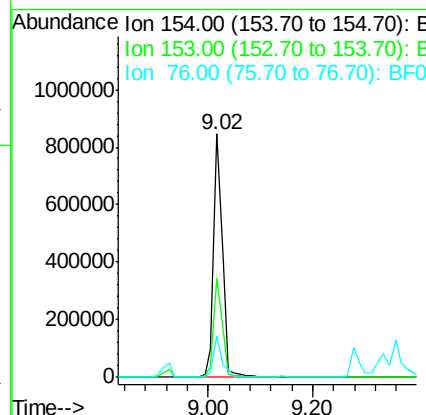
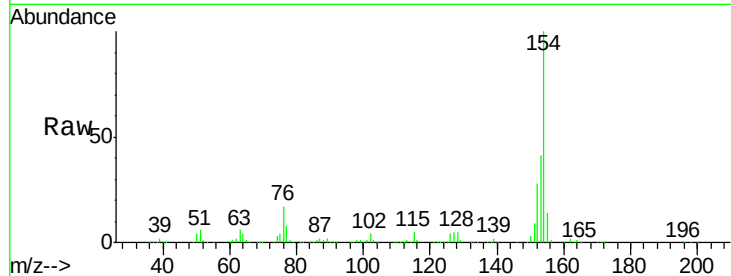
#45
 1,1'-Biphenyl
 Concen: 35.82 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion:	154	Resp:	988171
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	16.9	0.0	36.7

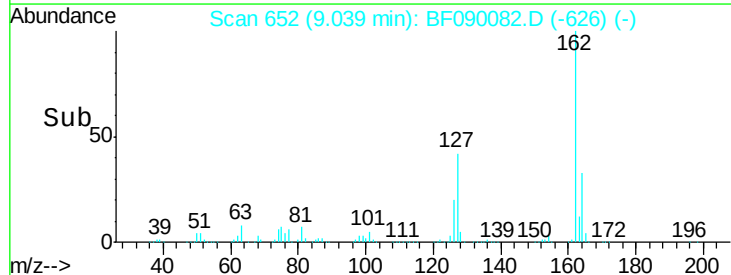
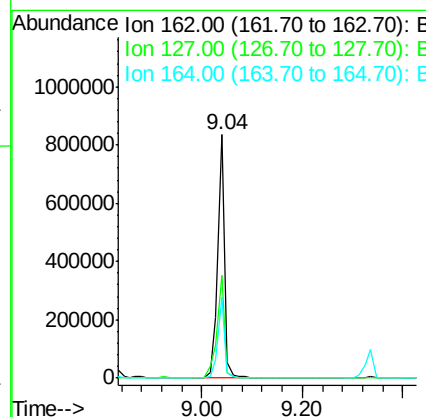
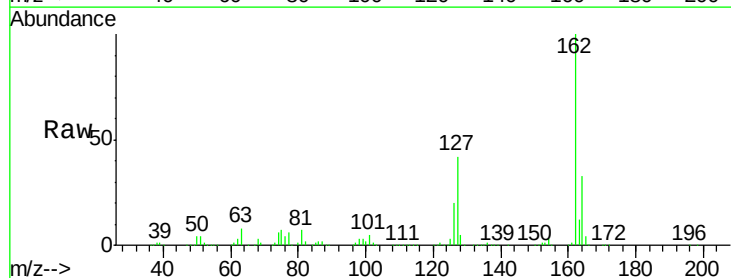
Manual Integrations
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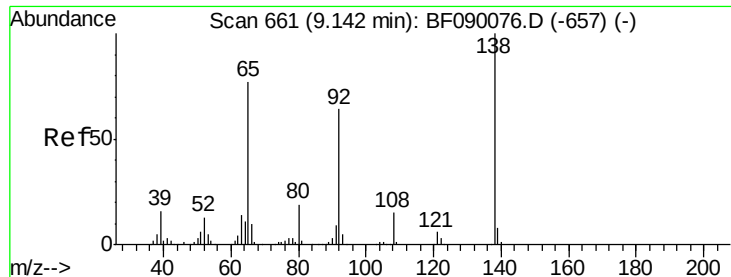
sohil
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#46
 2-Chloronaphthalene
 Concen: 38.88 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion:	162	Resp:	794786
Ion Ratio	Lower	Upper	
162	100		
127	42.1	34.0	51.0
164	33.4	26.8	40.2





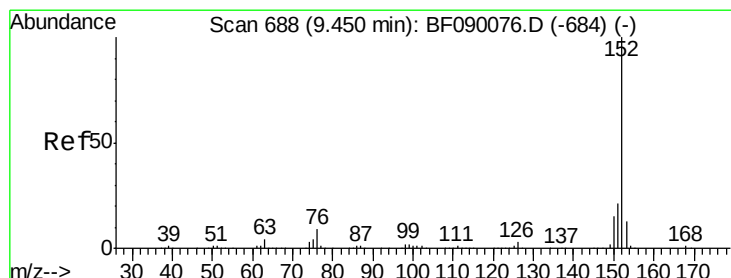
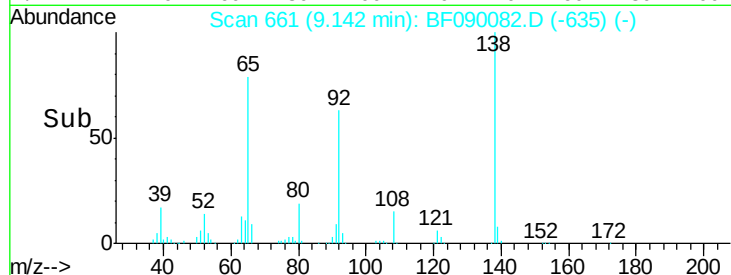
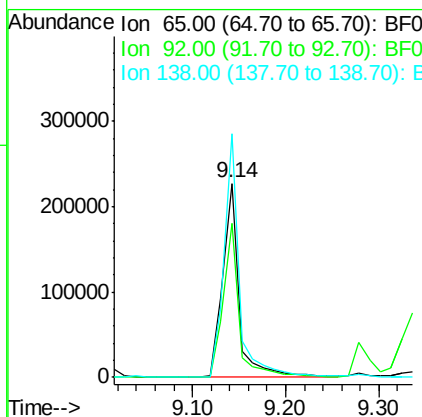
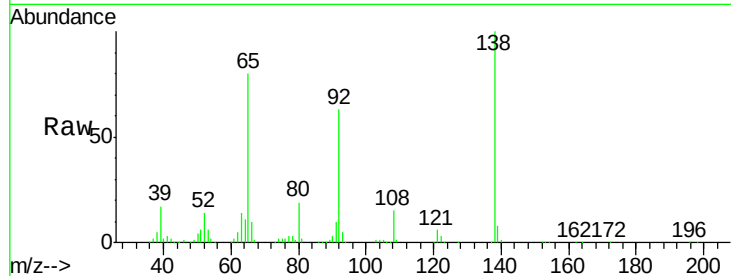
#47
 2-Nitroaniline
 Concen: 42.41 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	276734		
92	79.7	66.1	99.1	
138	125.6	104.1	156.1	

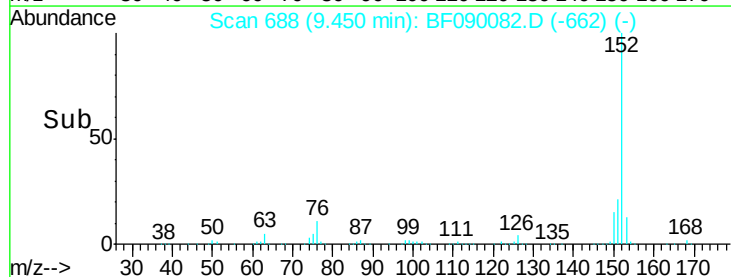
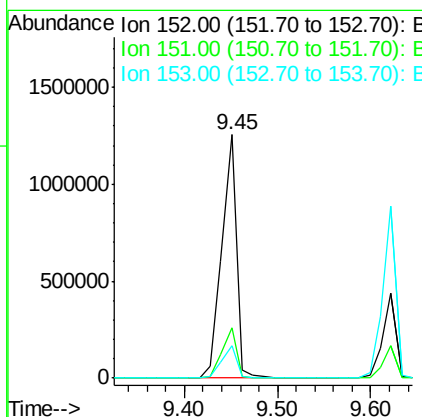
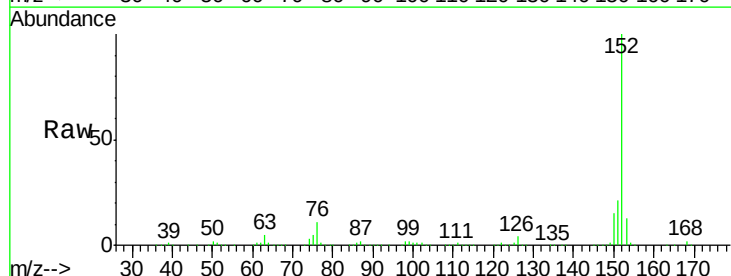
Manual Integrations
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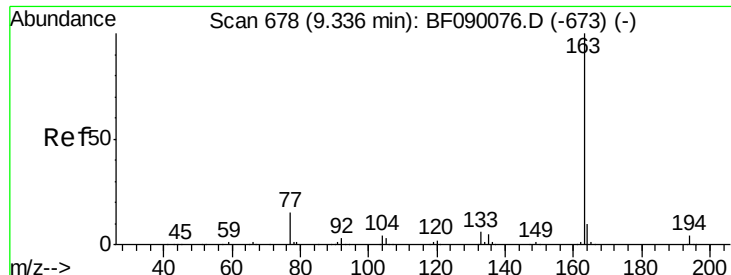
sohil
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#48
 Acenaphthylene
 Concen: 39.95 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1371375		
151	20.6	16.5	24.7	
153	13.3	10.6	15.8	





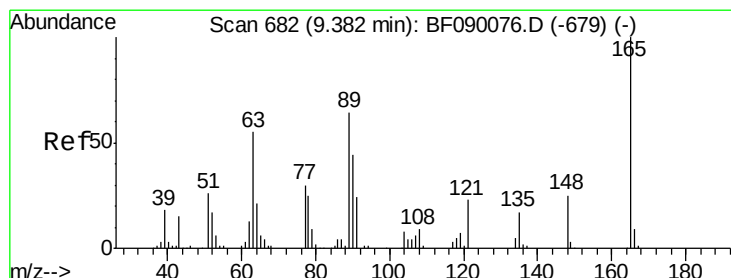
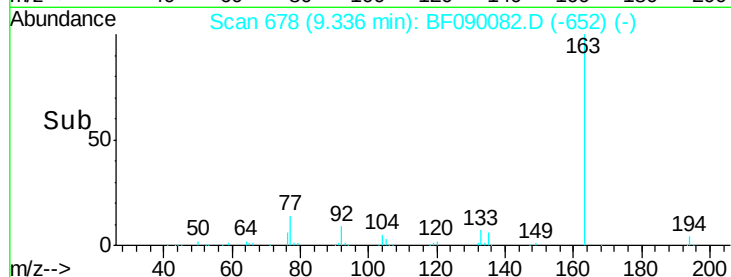
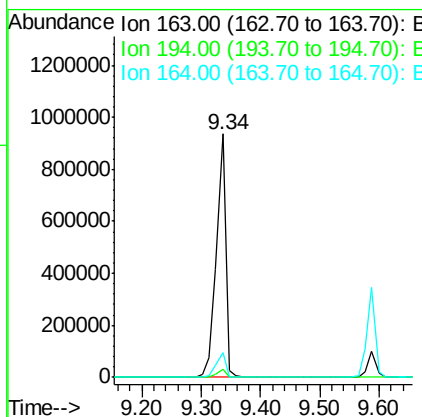
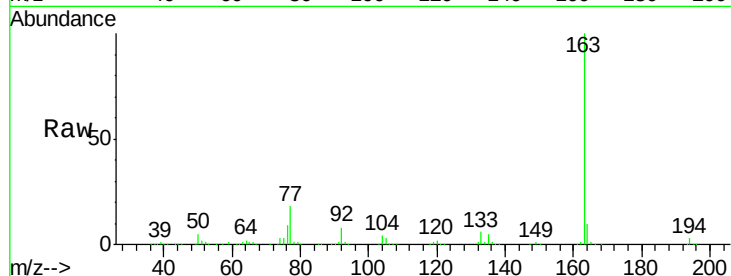
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1018860
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.3 8.1 12.1

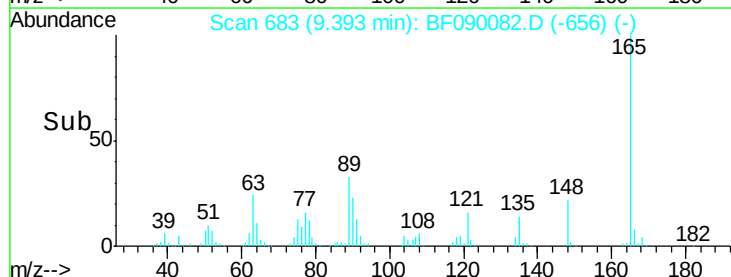
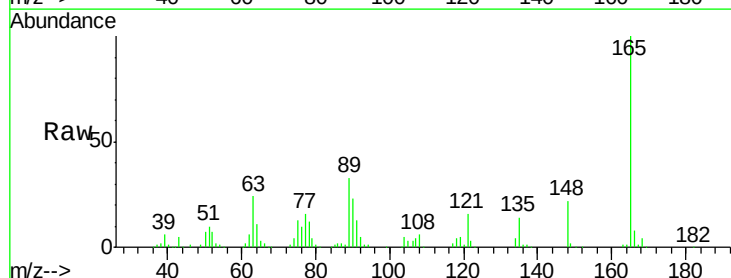
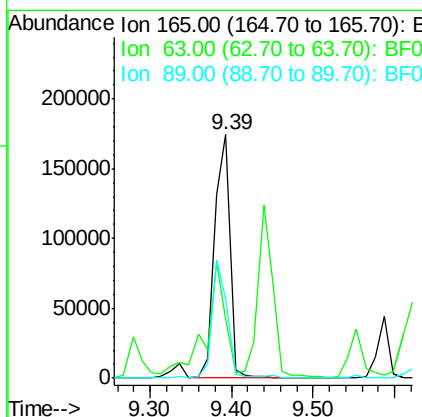
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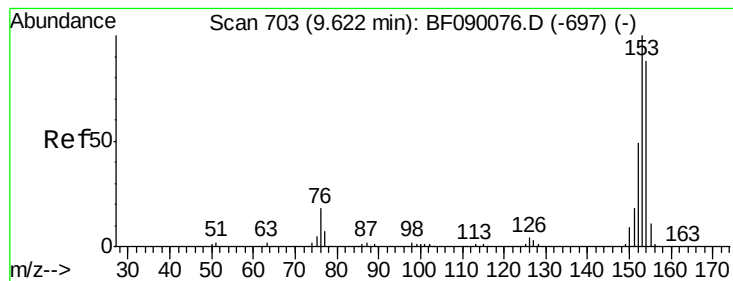
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#50
2,6-Dinitrotoluene
Concen: 40.98 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:165 Resp: 229303
Ion Ratio Lower Upper
165 100
63 24.5 49.9 74.9#
89 33.0 51.0 76.4#





#51

Acenaphthene

Concen: 40.07 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

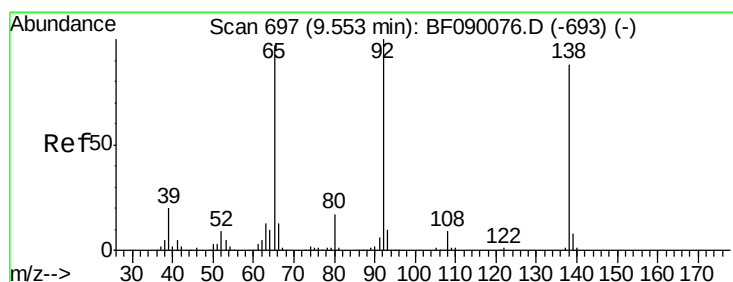
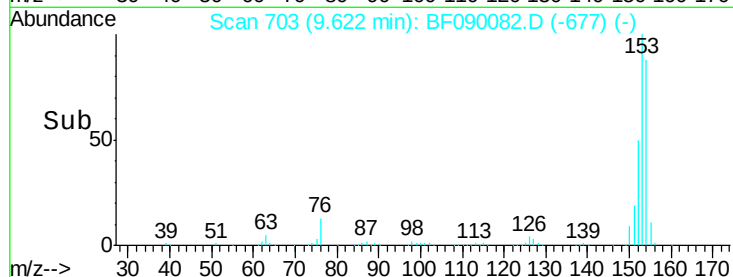
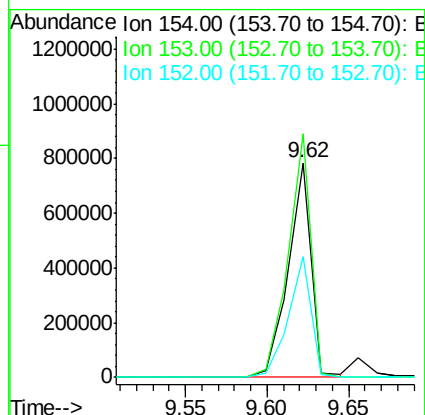
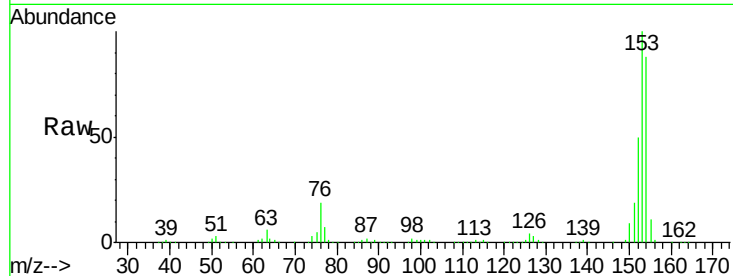
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	768189
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.8	136.2
152	56.2	44.2	66.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 39.99 ng

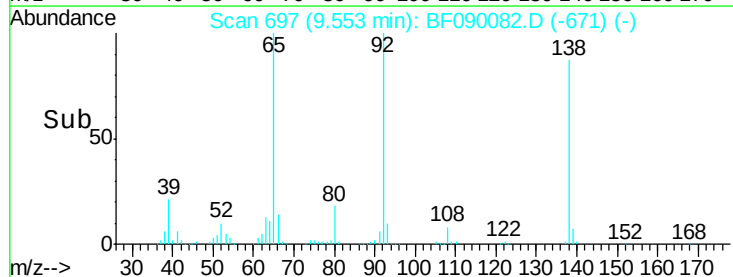
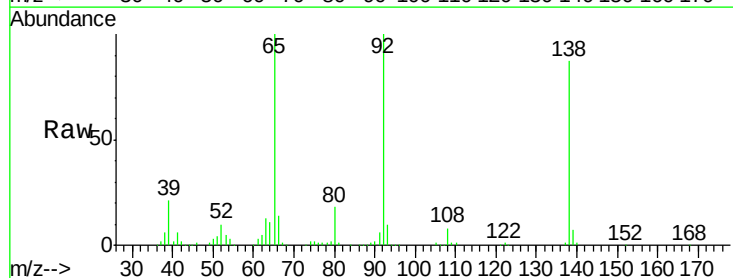
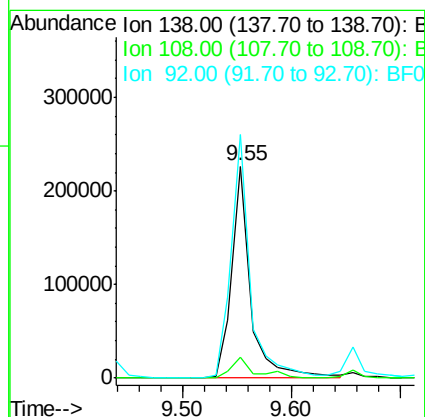
RT: 9.55 min Scan# 697

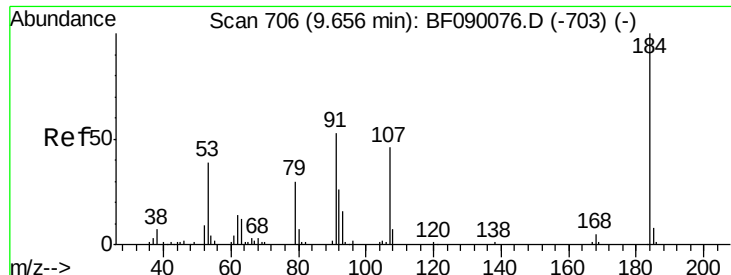
Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	138	Resp:	272230
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	115.0	90.7	136.1





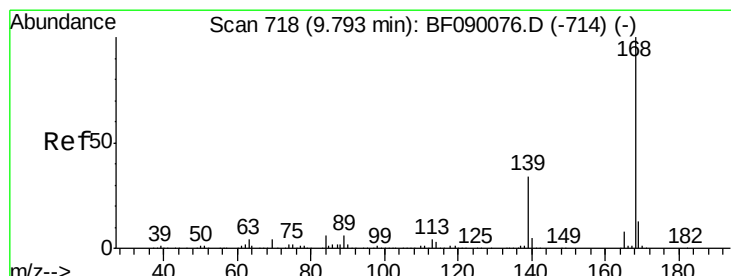
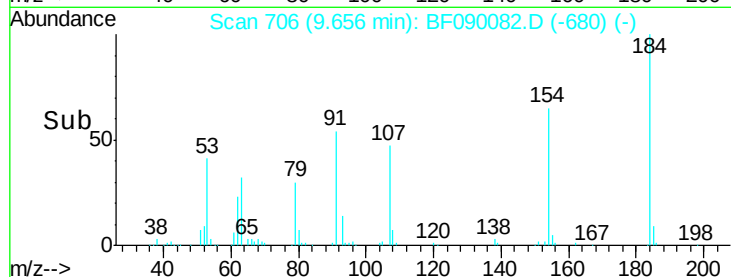
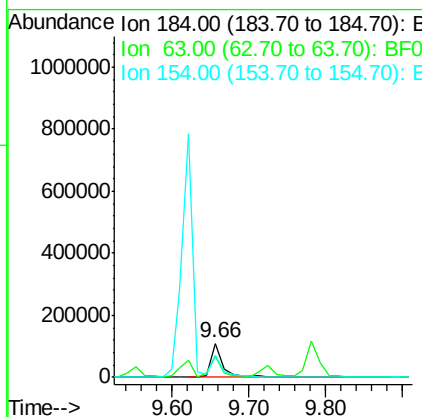
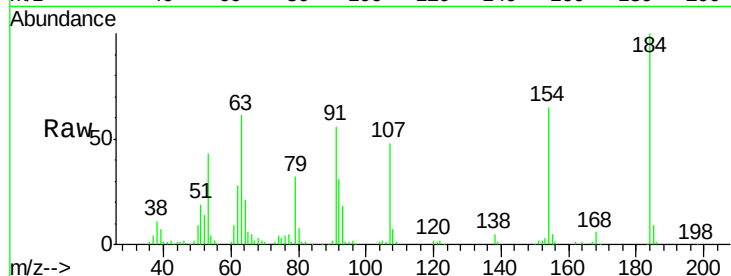
#53
2,4-Dinitrophenol
Concen: 40.80 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124112		
63	60.7	44.6	67.0	
154	65.1	49.7	74.5	

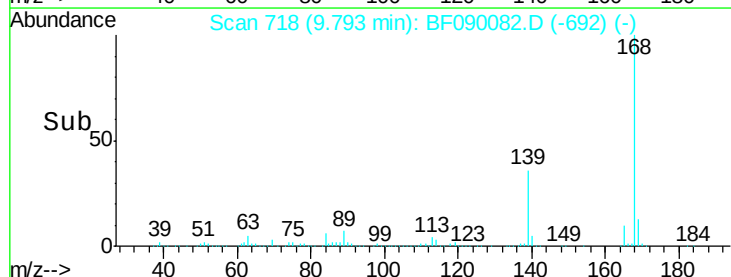
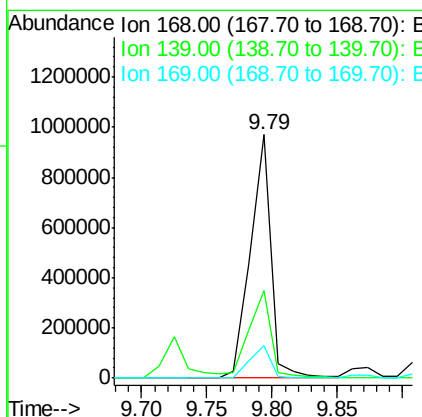
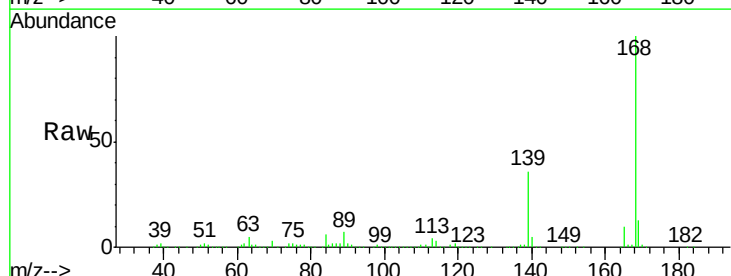
Manual Integrations
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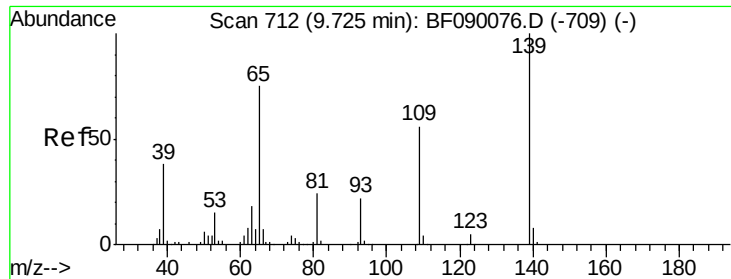
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#54
Dibenzofuran
Concen: 40.33 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1069220		
139	35.9	28.8	43.2	
169	13.3	10.7	16.1	





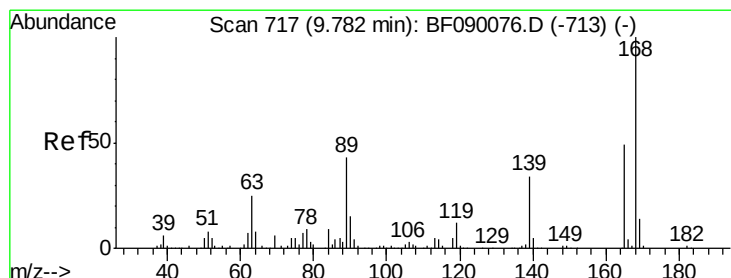
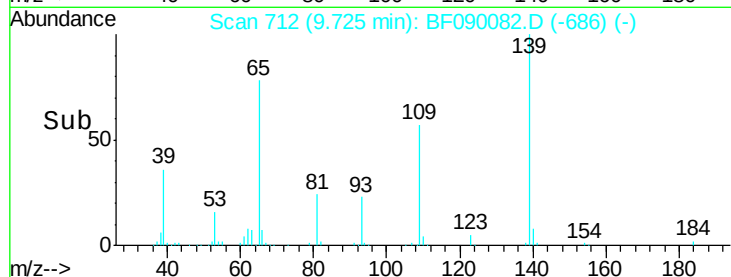
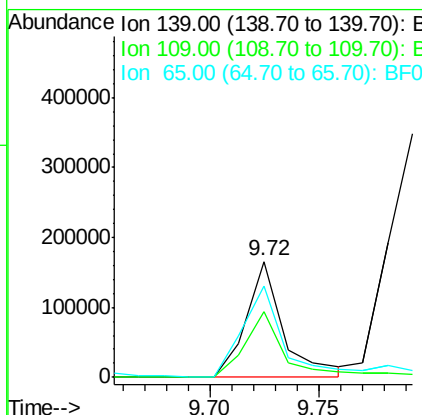
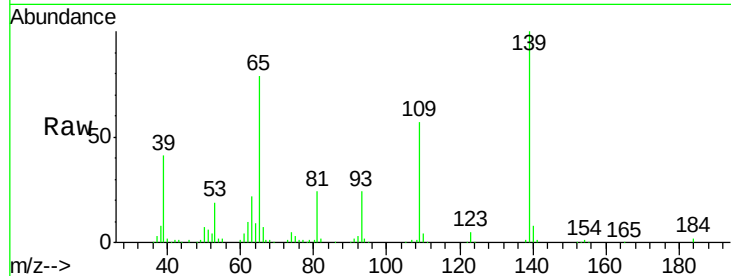
#55
4-Nitrophenol
Concen: 41.18 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197283		
109	56.8	35.6	75.6	
65	79.2	55.5	95.5	

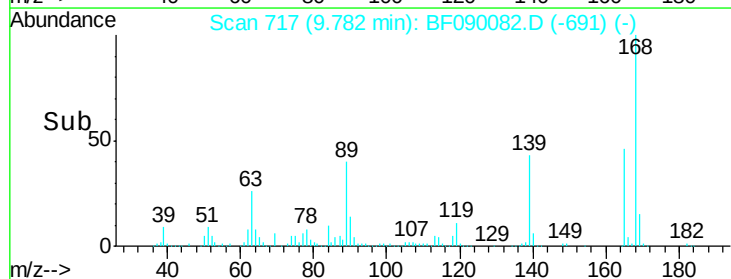
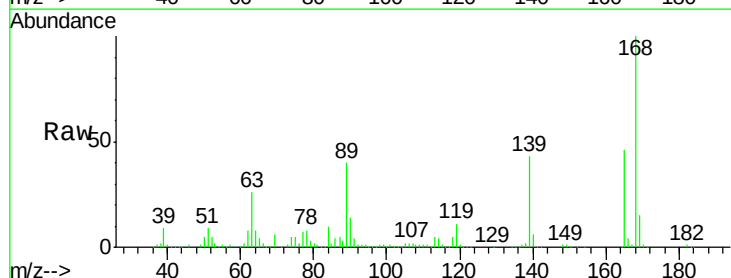
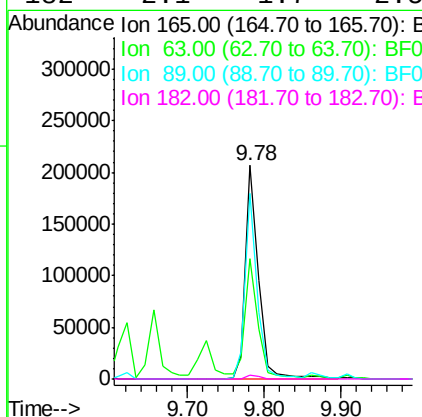
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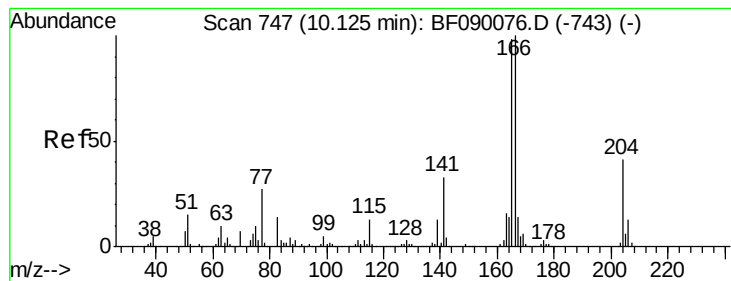
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#56
2,4-Dinitrotoluene
Concen: 35.86 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244622		
63	56.5	44.4	66.6	
89	86.7	70.1	105.1	
182	2.1	1.7	2.5	





#57

Fluorene

Concen: 37.04 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

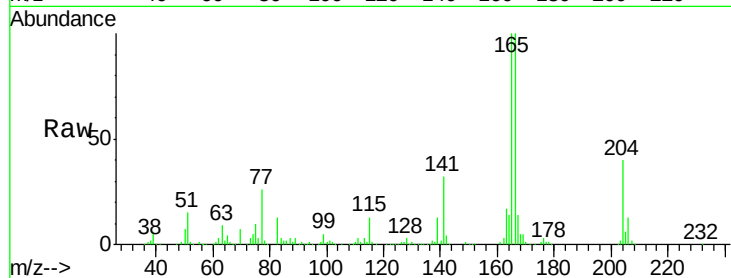
ClientSampleId :

SSTDCCC040

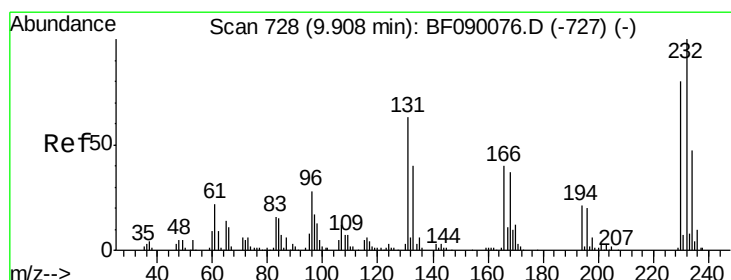
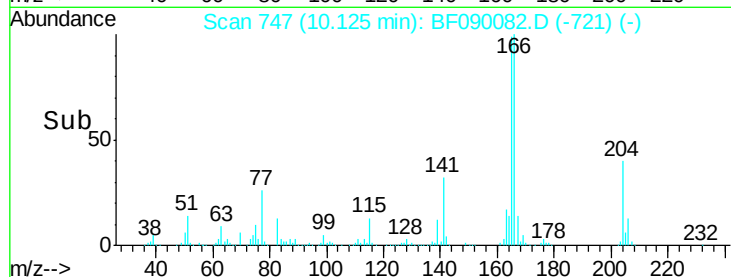
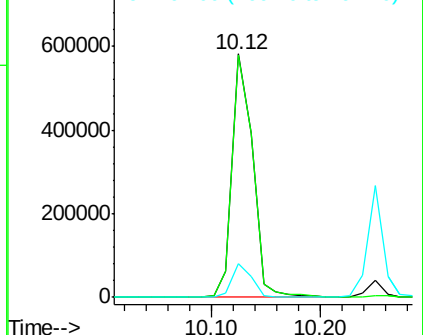
Tgt Ion:	166	Resp:	757046
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.5	117.7
167	14.0	11.2	16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.52 ng

RT: 9.91 min Scan# 728

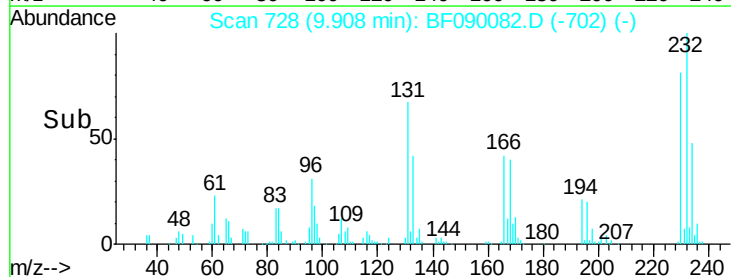
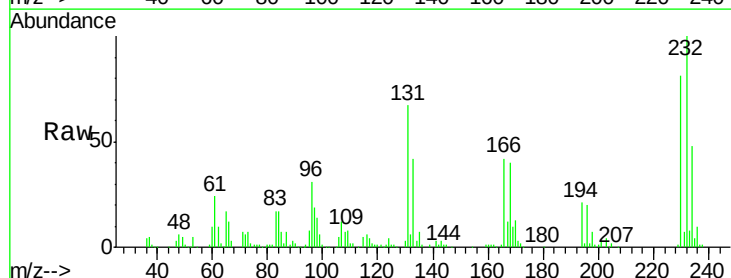
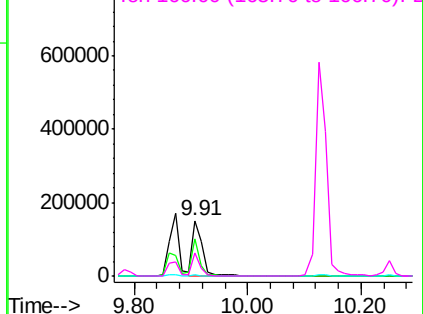
Delta R.T. -0.00 min

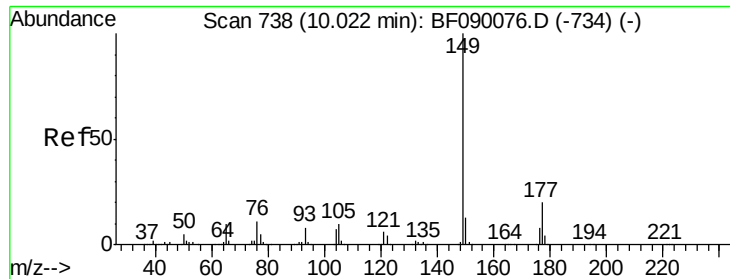
Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	232	Resp:	188258
Ion Ratio	Lower	Upper	
232	100		
131	53.8	42.2	63.4
130	2.3	1.9	2.9
166	34.8	26.4	39.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





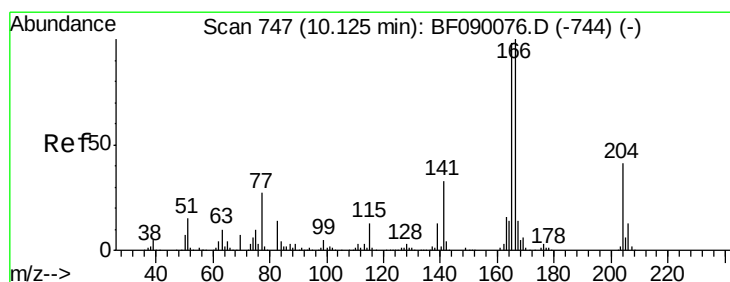
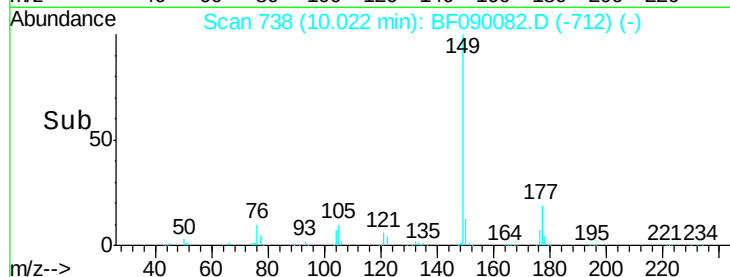
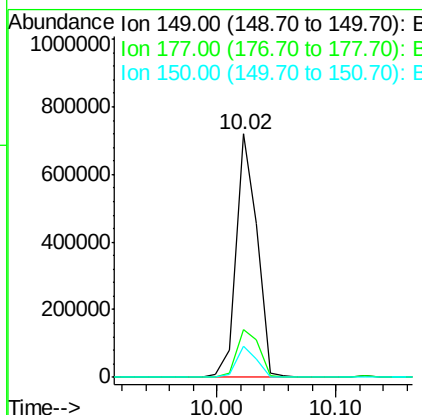
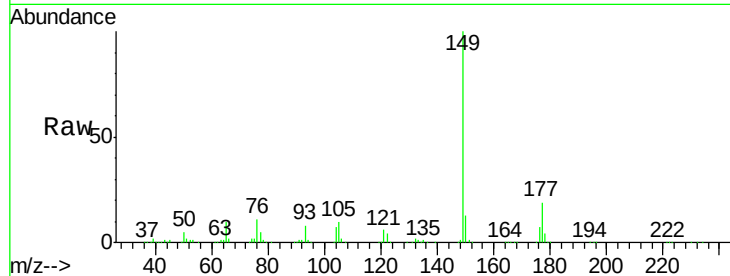
#59
Diethylphthalate
Concen: 36.39 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.8	23.6
150	12.7	10.4	15.6

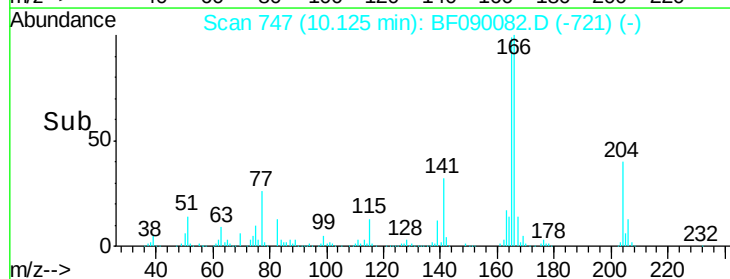
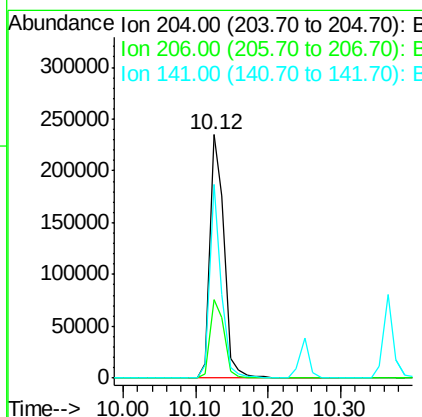
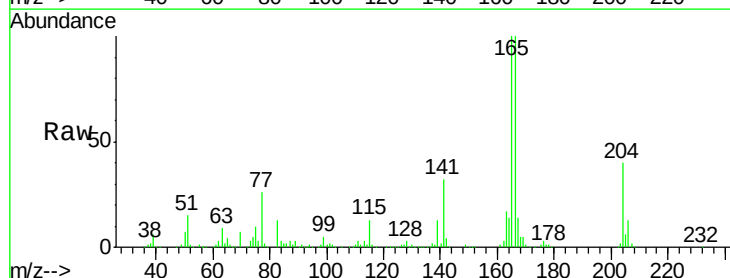
Manual Integrations
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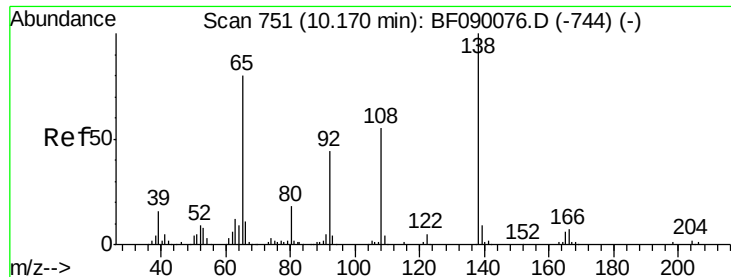
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#60
4-Chlorophenyl-phenylether
Concen: 38.85 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	79.3	64.4	96.6





#61

4-Nitroaniline

Concen: 40.81 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

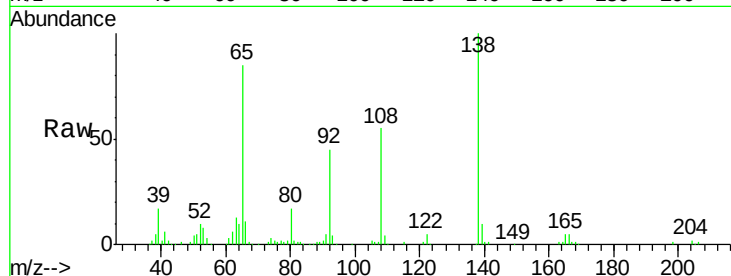
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	281241
Ion Ratio	Lower	Upper	
138	100		
92	45.4	23.8	63.8
108	55.4	35.0	75.0

Manual Integrations
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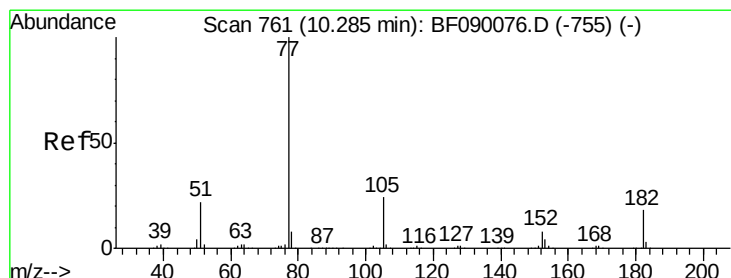
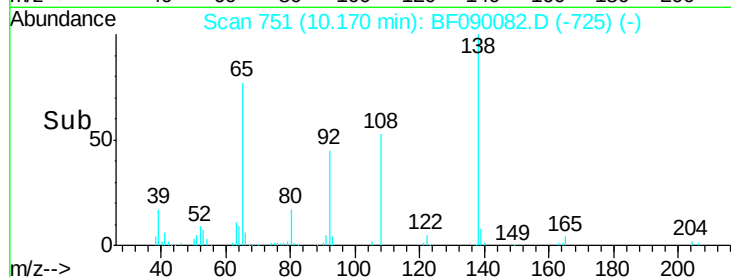
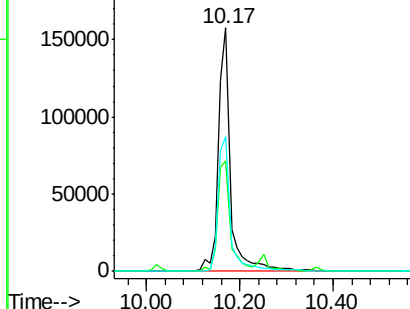
sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.38 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

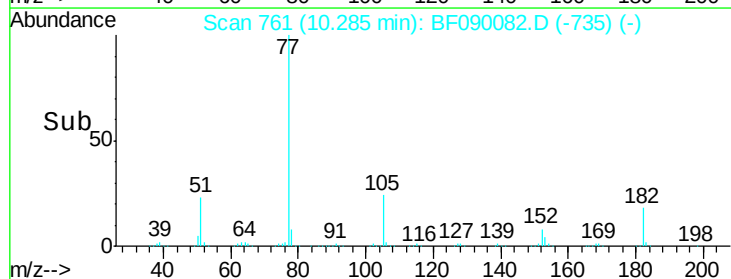
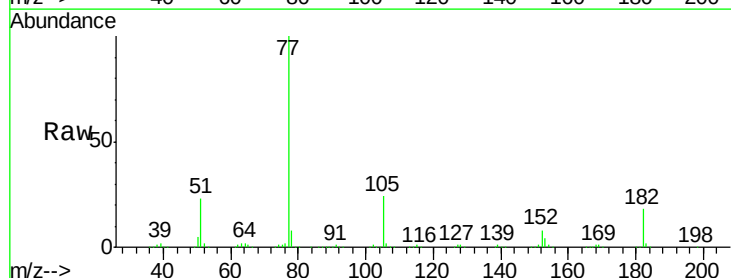
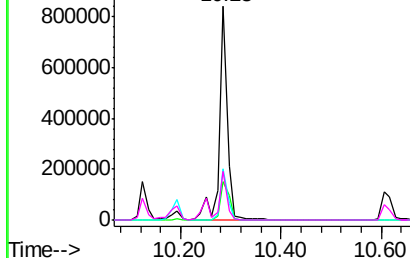
Tgt Ion:	77	Resp:	925443
Ion Ratio	Lower	Upper	
77	100		
182	18.1	0.0	38.4
105	23.8	3.8	43.8
51	23.0	2.6	42.6

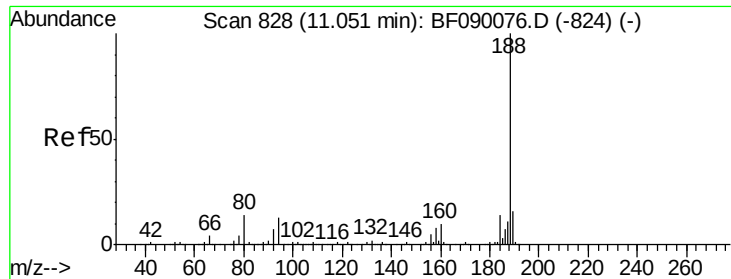
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





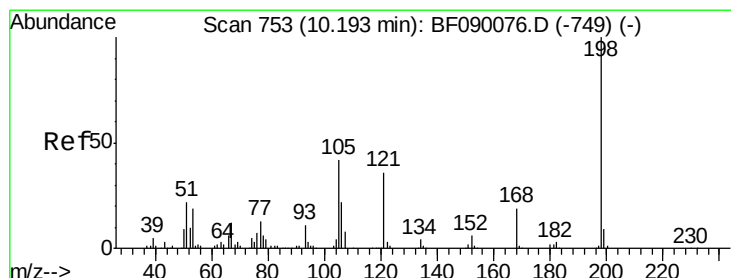
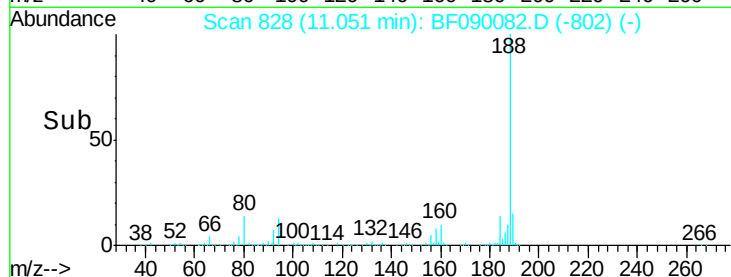
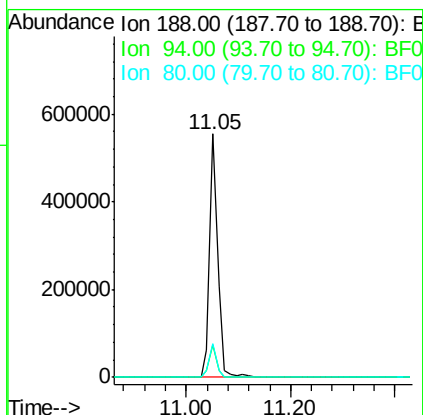
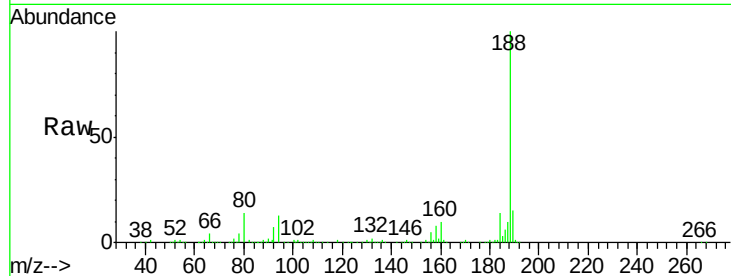
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	599266		
94	13.3	10.5	15.7	
80	13.8	11.2	16.8	

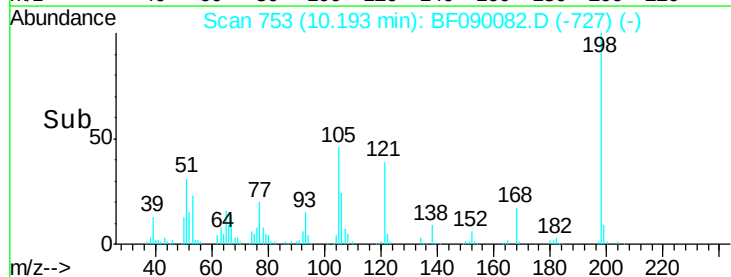
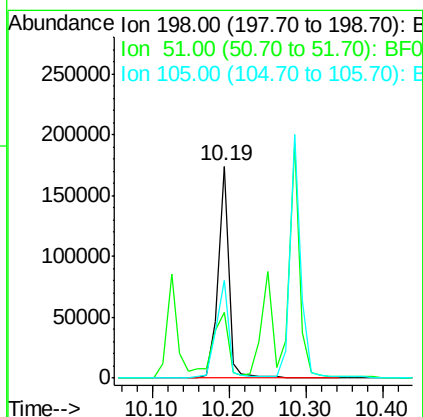
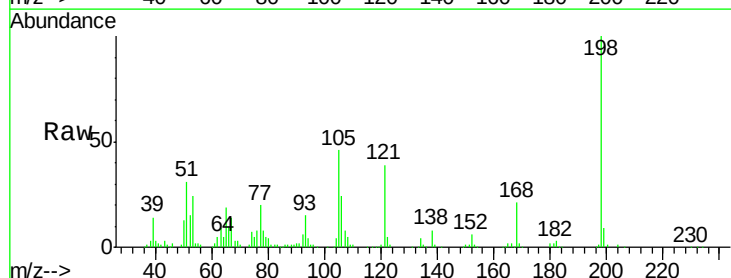
Manual Integrations
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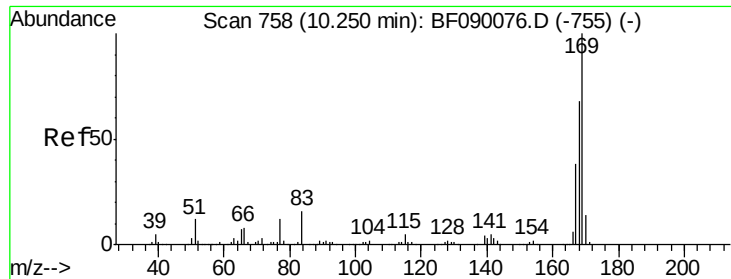
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.98 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	170109		
51	30.9	5.5	45.5	
105	46.0	21.8	61.8	





#65

n-Nitrosodiphenylamine

Concen: 37.41 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

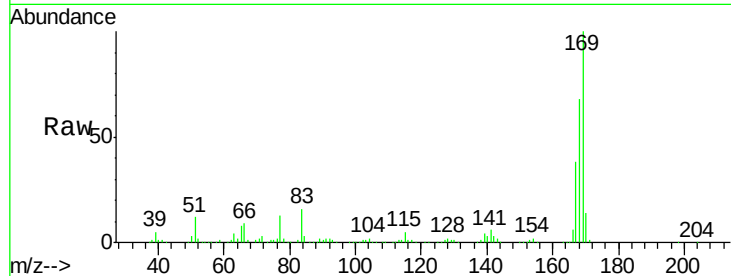
ClientSampleId :

SSTDCCC040

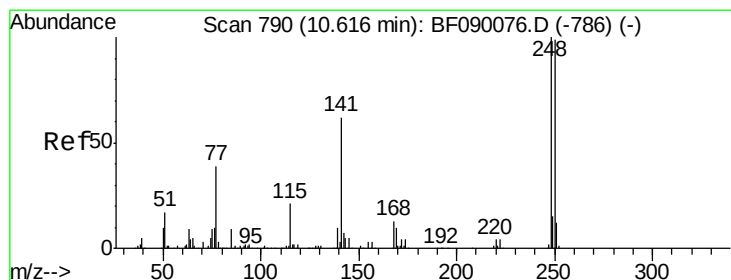
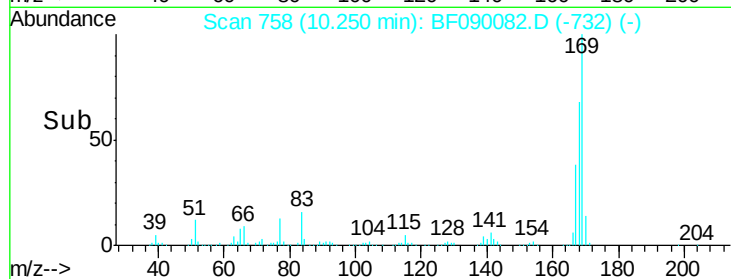
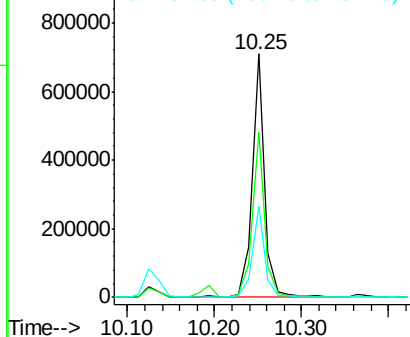
Tgt Ion:	169	Resp:	710346
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.4
167	37.7	30.3	45.5

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.34 ng

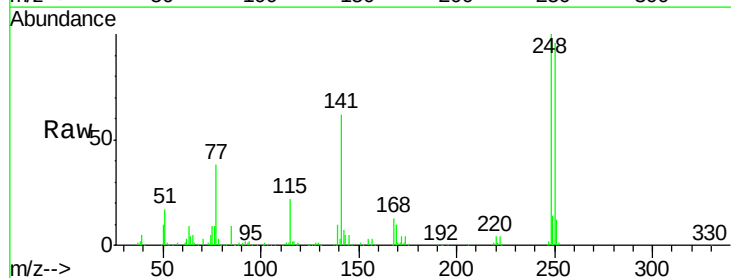
RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

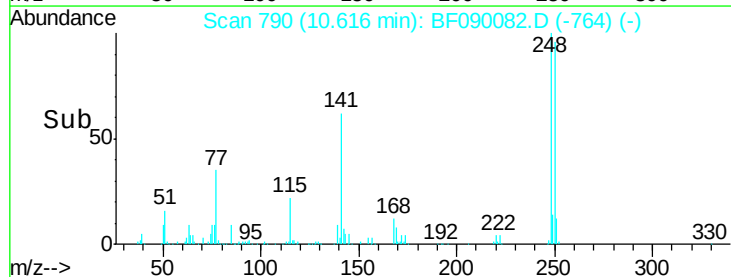
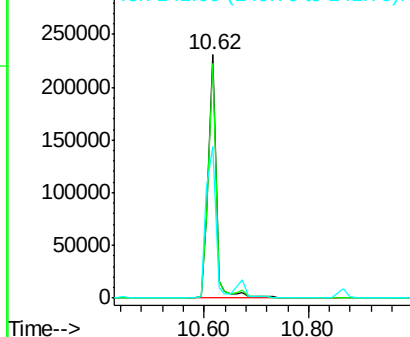
Lab File: BF090082.D

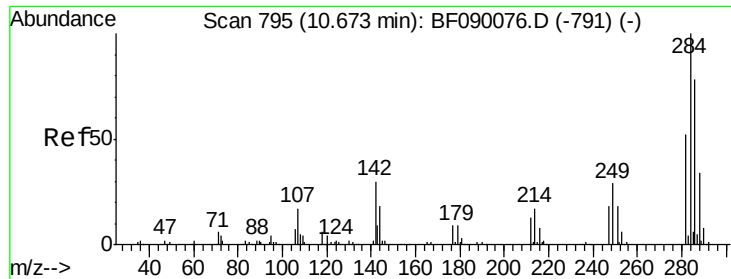
Acq: 15 Sep 2016 9:16

Tgt Ion:	248	Resp:	244579
Ion Ratio	Lower	Upper	
248	100		
250	96.4	79.4	119.2
141	62.1	49.3	73.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





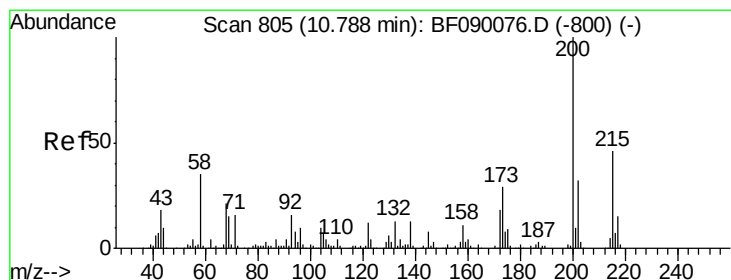
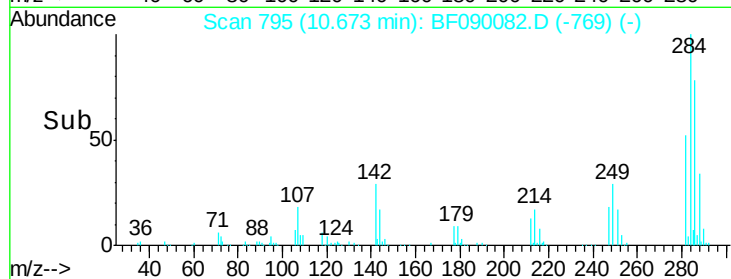
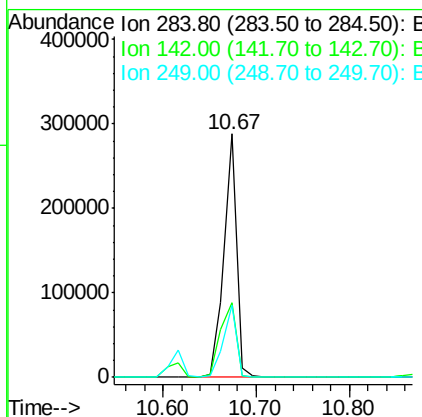
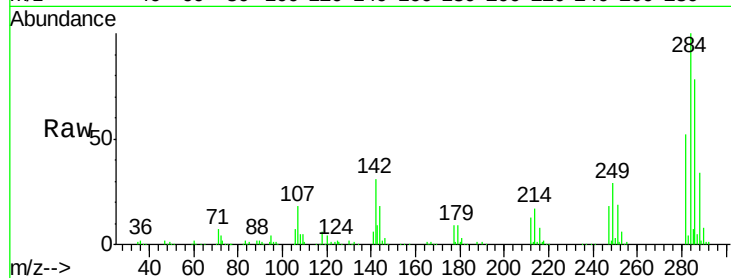
#67
Hexachlorobenzene
Concen: 40.05 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	272658		
142	30.7	24.0	36.0	
249	29.4	23.8	35.6	

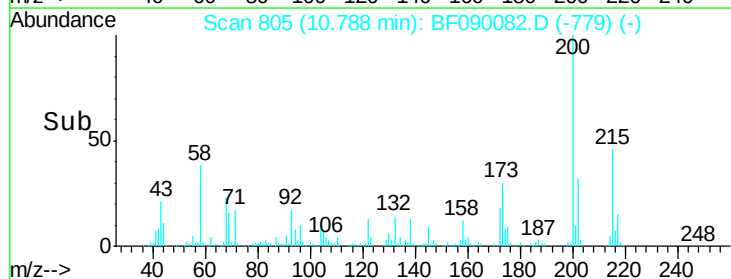
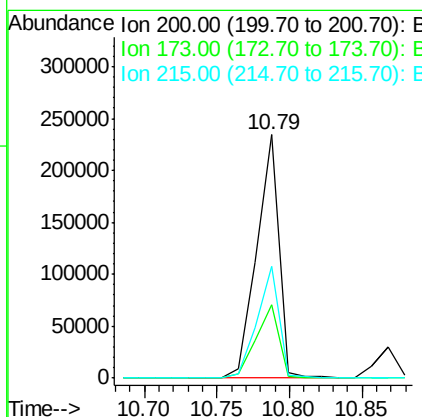
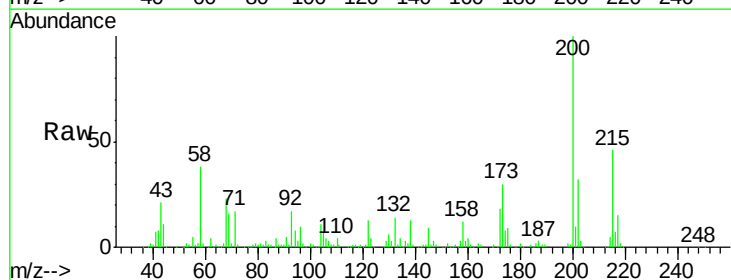
Manual Integrations
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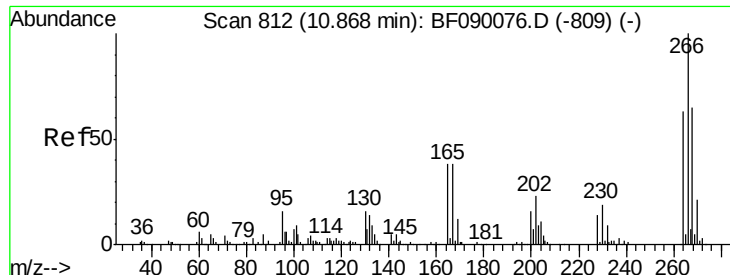
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#68
Atrazine
Concen: 44.45 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	250810		
173	30.1	9.3	49.3	
215	45.9	26.1	66.1	





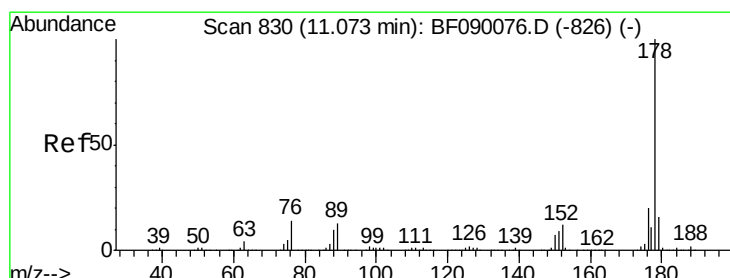
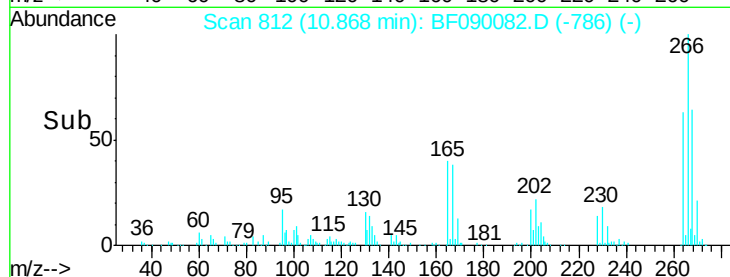
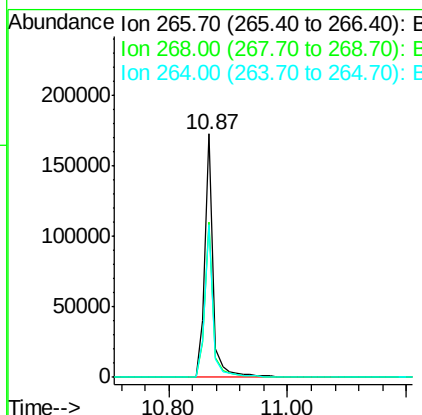
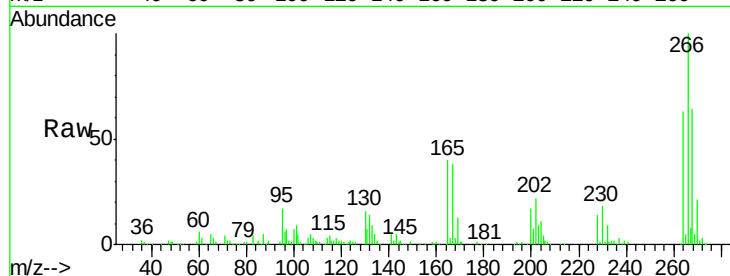
#69
 Pentachlorophenol
 Concen: 44.46 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	177311		
268	64.0	52.1	78.1	
264	62.7	50.3	75.5	

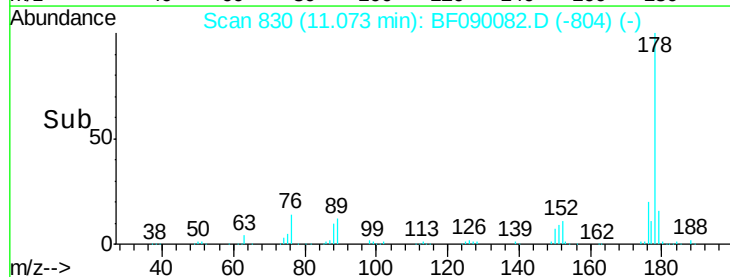
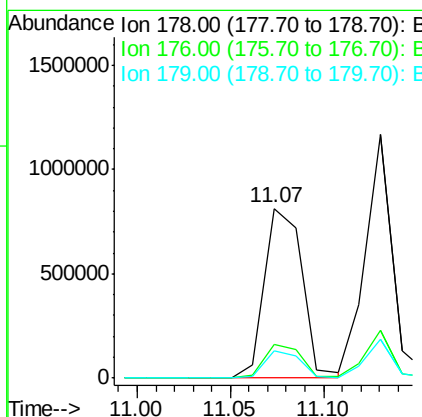
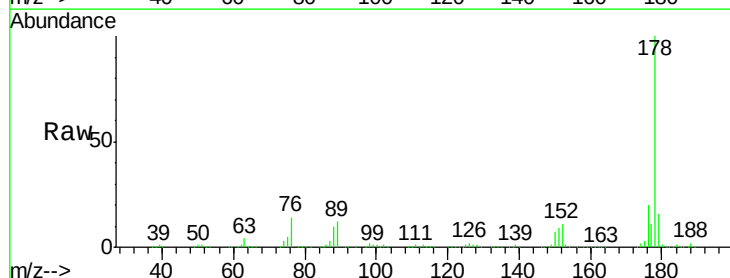
Manual Integrations
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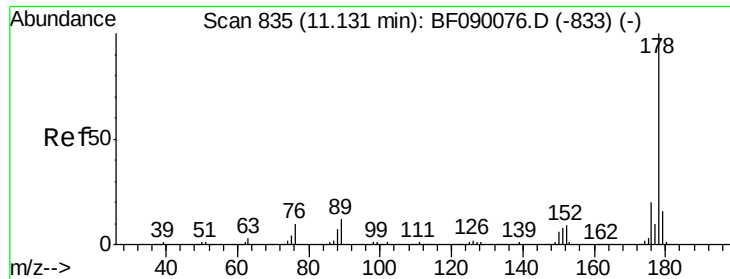
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#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1138417		
176	19.9	15.9	23.9	
179	15.9	12.9	19.3	





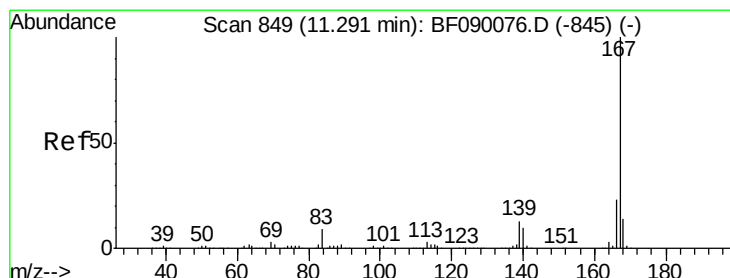
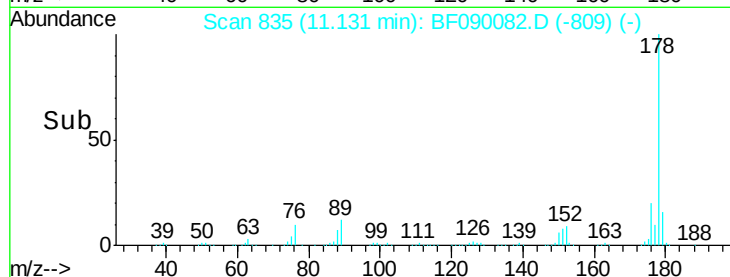
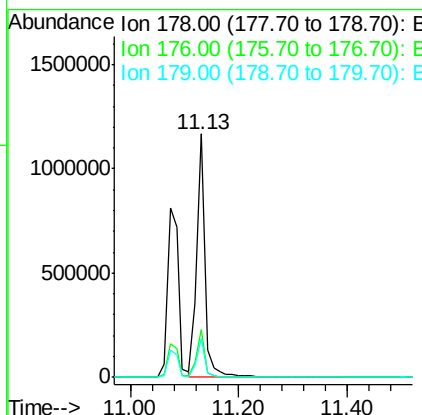
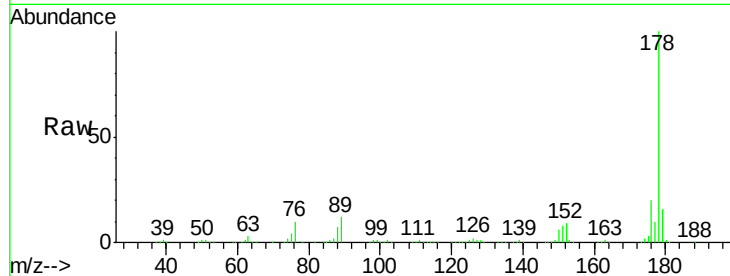
#71
 Anthracene
 Concen: 38.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.0	12.6	19.0

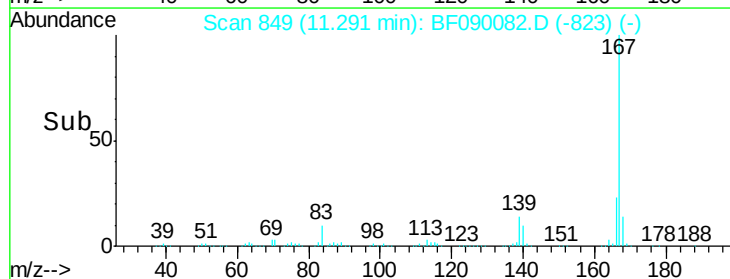
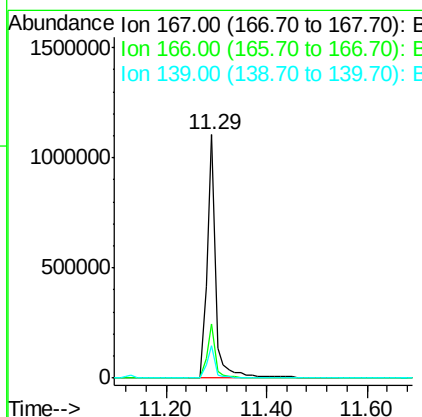
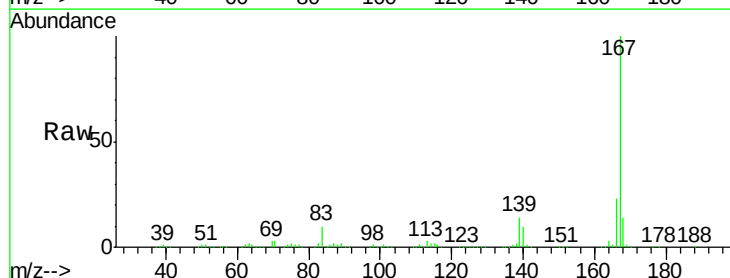
Manual Integrations
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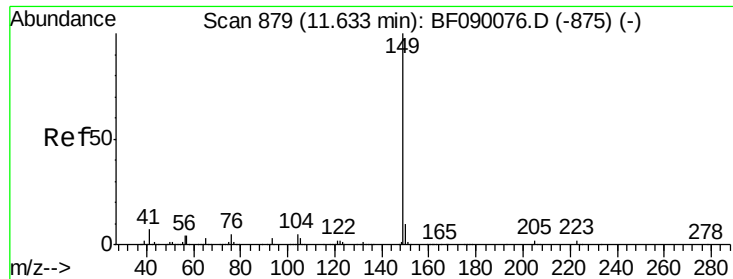
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 9/15/2016 4:18:26 PM



#72
 Carbazole
 Concen: 40.54 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.5	10.4	15.6





#73

Di-n-butylphthalate

Concen: 36.91 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

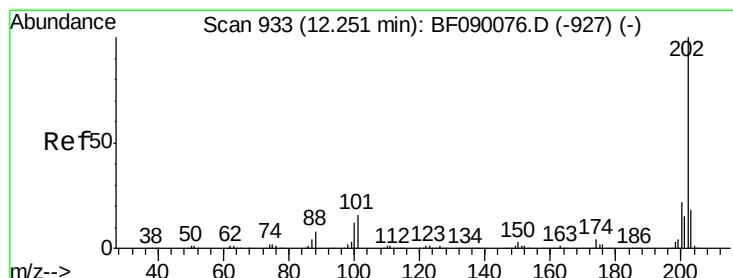
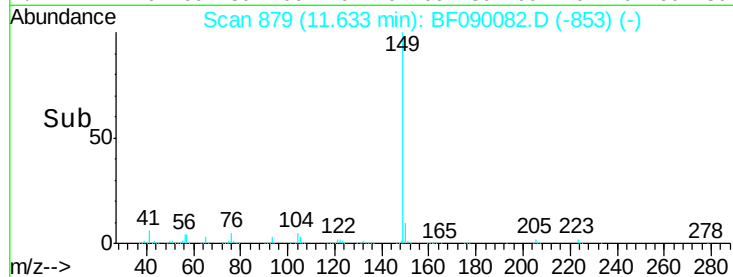
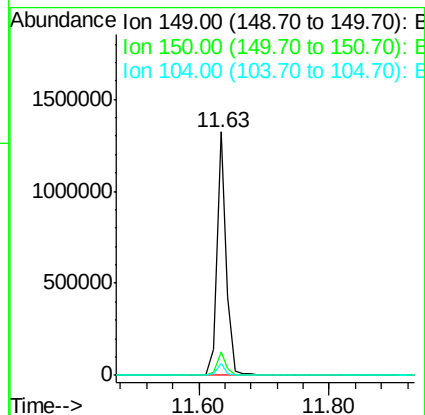
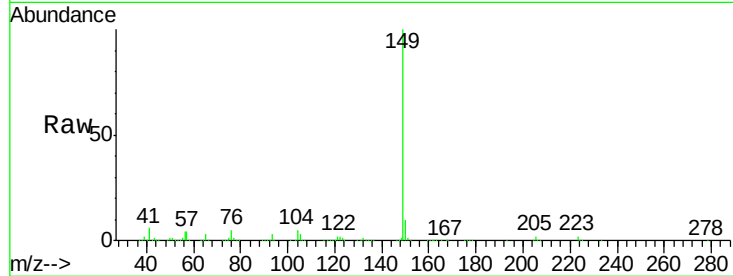
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1342555
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.8
104	5.0	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 37.19 ng

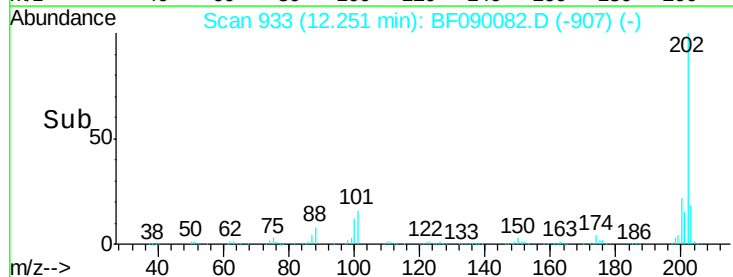
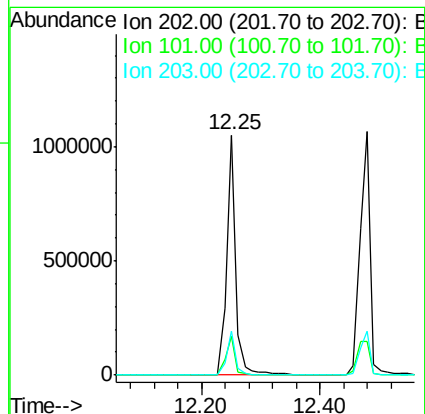
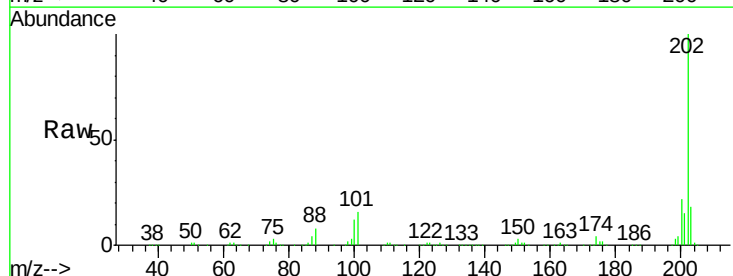
RT: 12.25 min Scan# 933

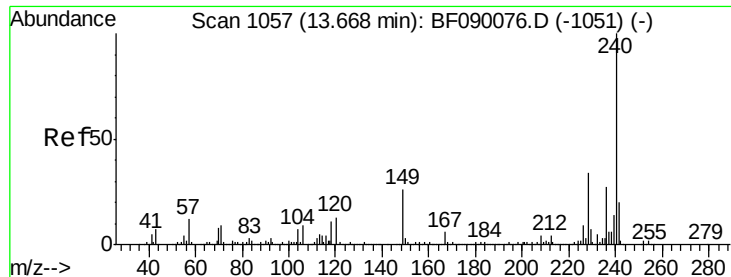
Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	202	Resp:	1128488
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	36.1
203	18.3	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

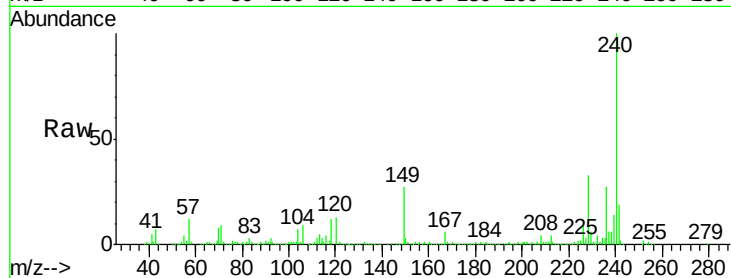
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	456267
Ion Ratio		Lower	Upper
240	100		
120	13.3	10.6	16.0
236	27.1	21.6	32.4

Manual Integrations
APPROVED

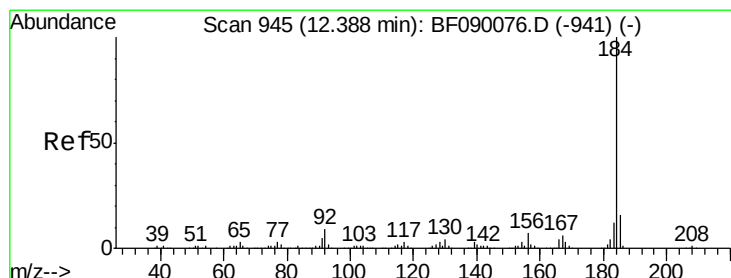
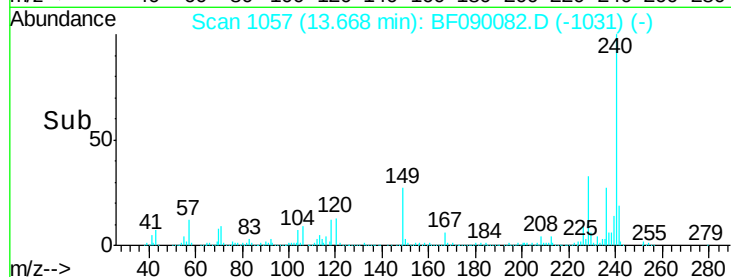
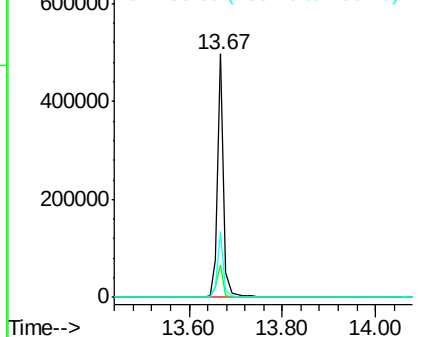
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.68 ng

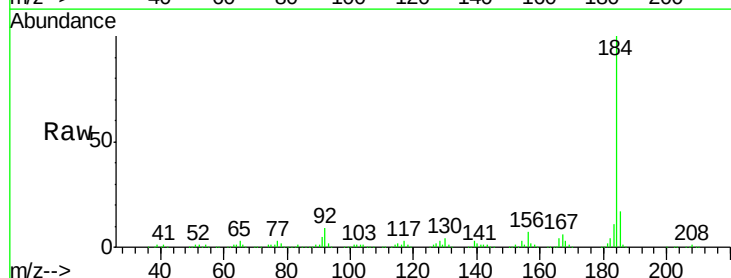
RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

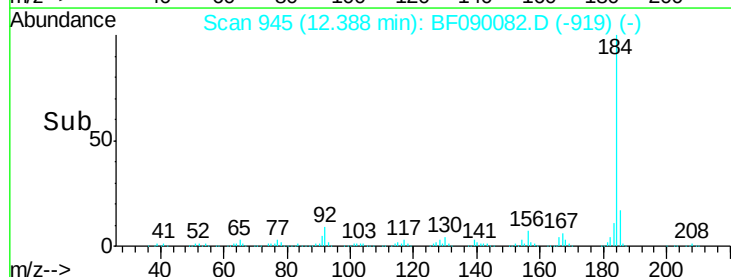
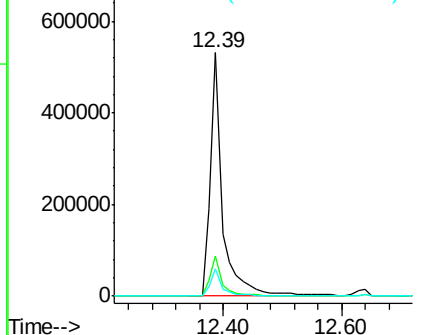
Tgt Ion:	184	Resp:	757171
Ion Ratio		Lower	Upper
184	100		
185	16.6	13.2	19.8
183	11.4	9.2	13.8

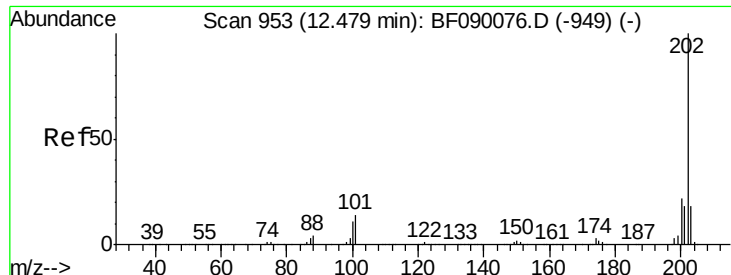


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





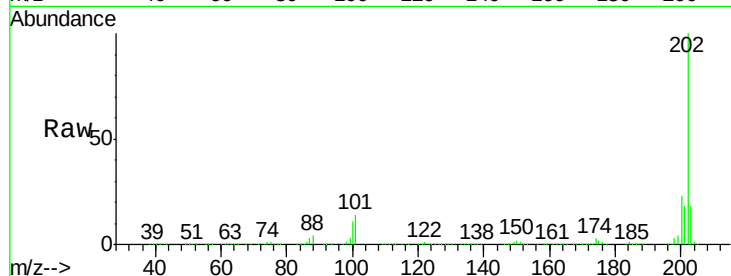
#77
 Pyrene
 Concen: 38.05 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

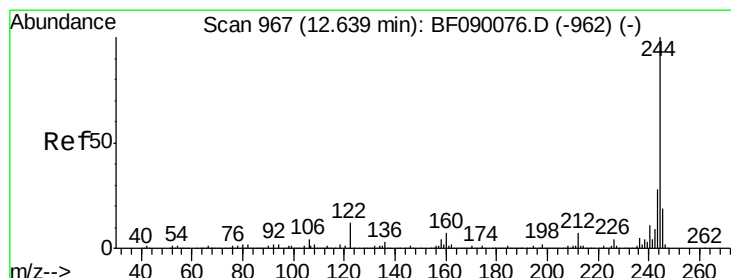
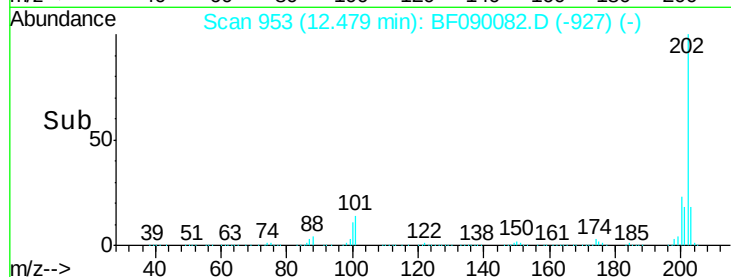
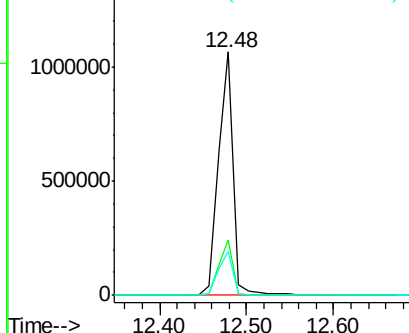
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.9	26.9
203	17.9	14.2	21.4

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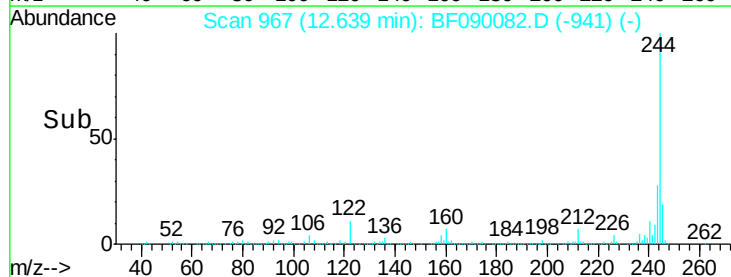
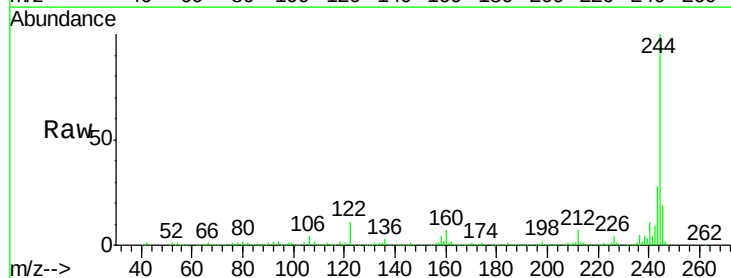
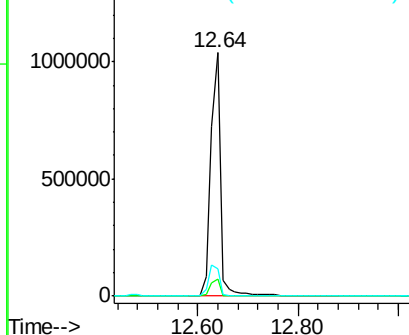
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

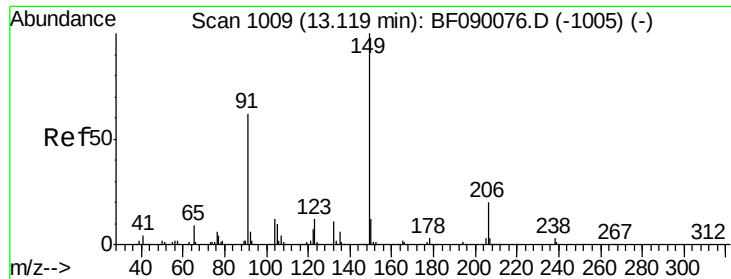


#78
 Terphenyl-d14
 Concen: 73.24 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.4	9.4	14.0

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





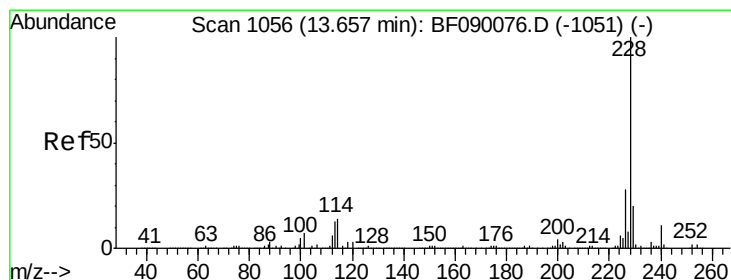
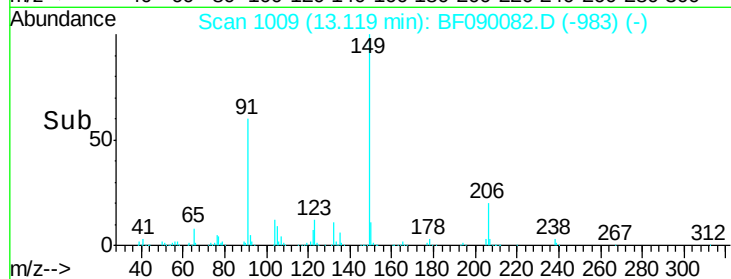
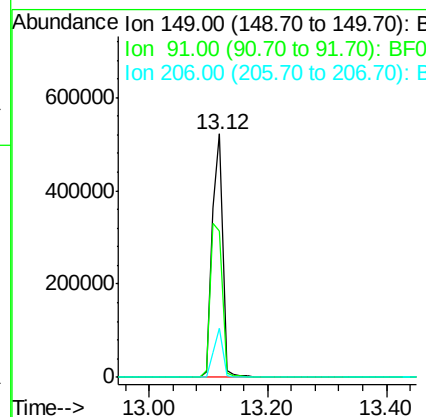
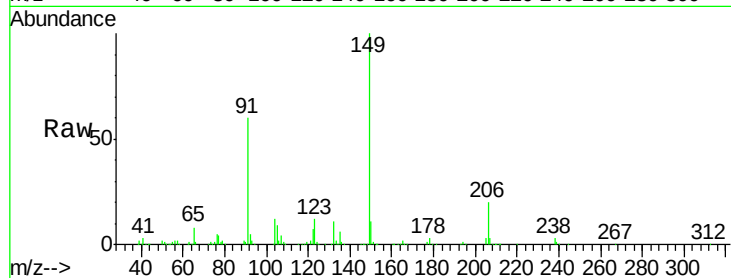
#79
Butylbenzylphthalate
Concen: 38.77 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.2	49.8	74.6
206	20.0	16.3	24.5

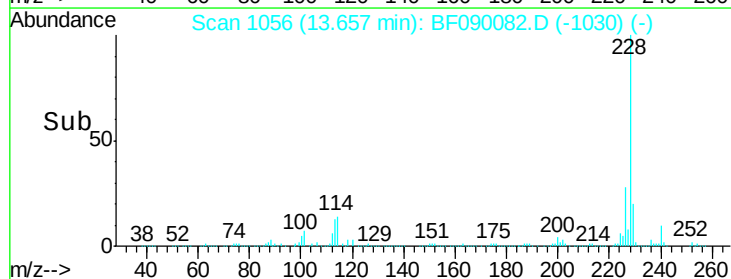
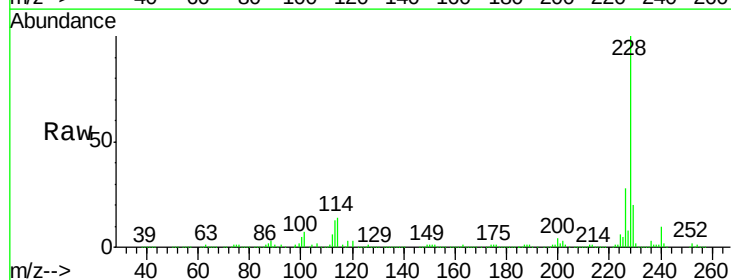
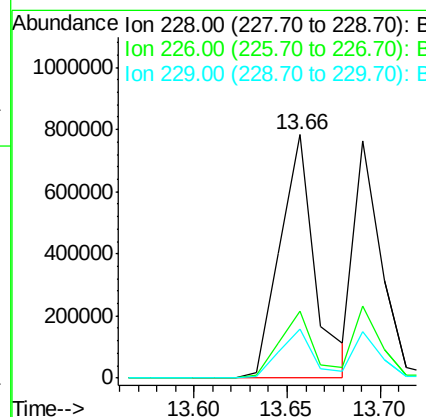
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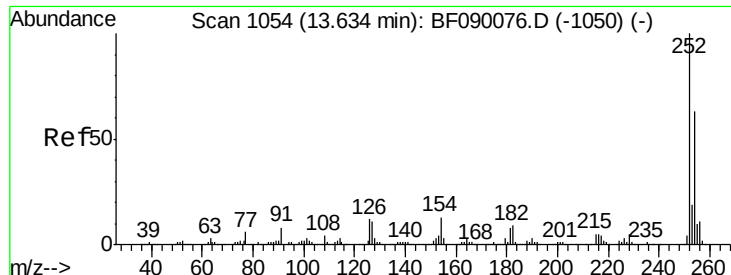
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#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.3	16.2	24.2





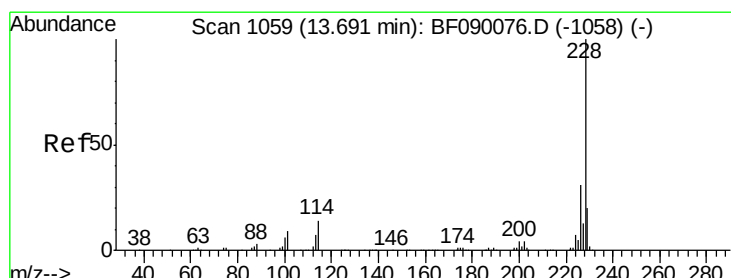
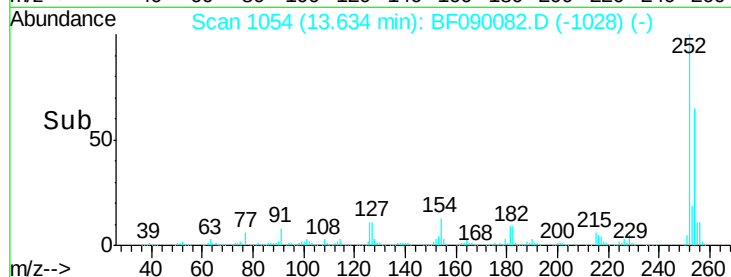
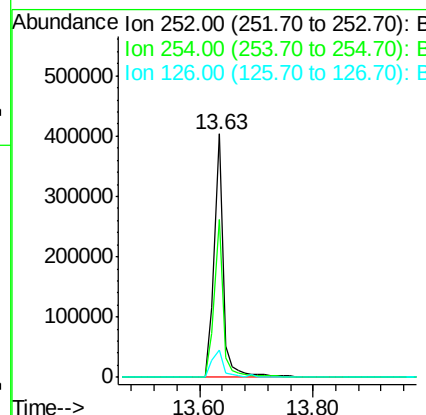
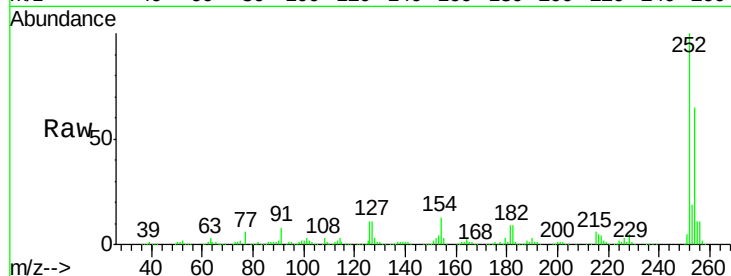
#81
 3,3'-Dichlorobenzidine
 Concen: 39.45 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	50.7	76.1
126	11.1	9.2	13.8

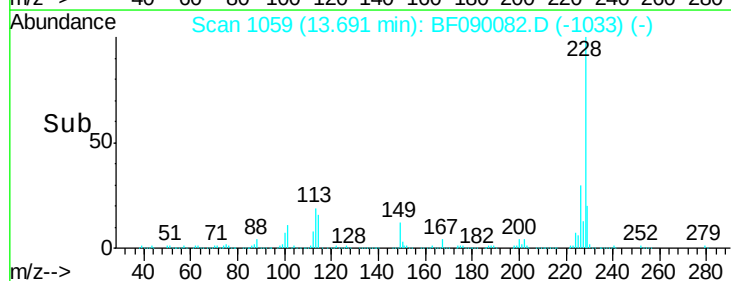
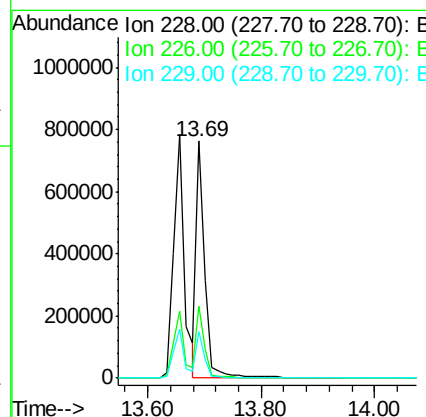
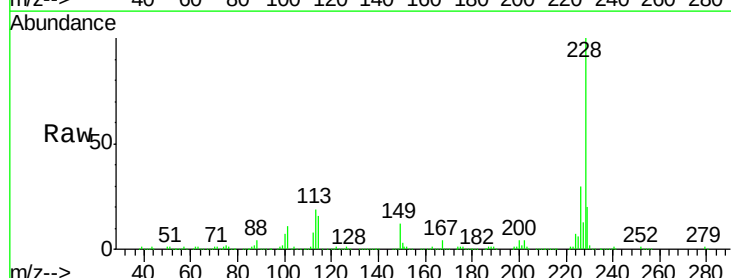
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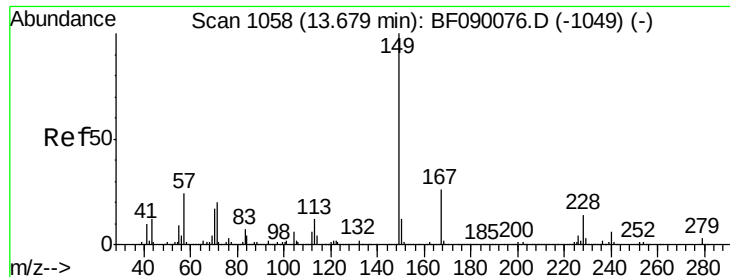
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#82
 Chrysene
 Concen: 32.93 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.6	37.0
229	19.9	16.2	24.4





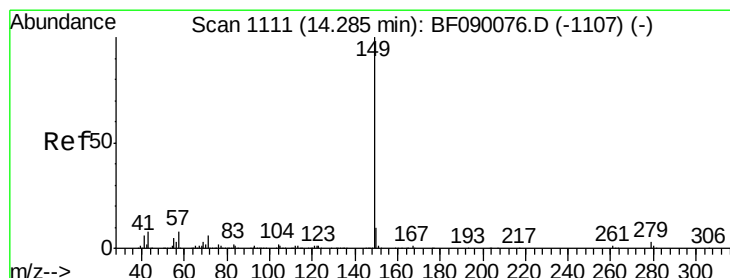
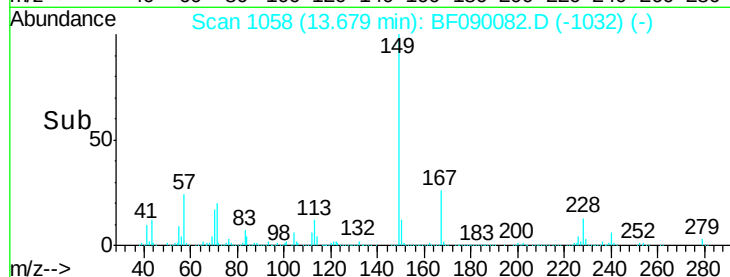
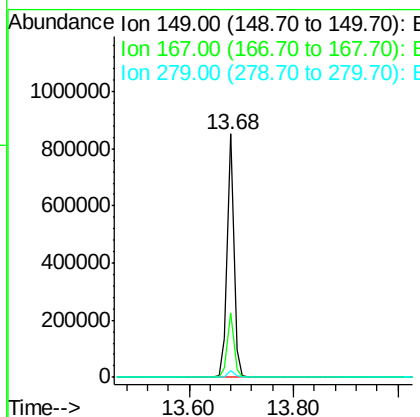
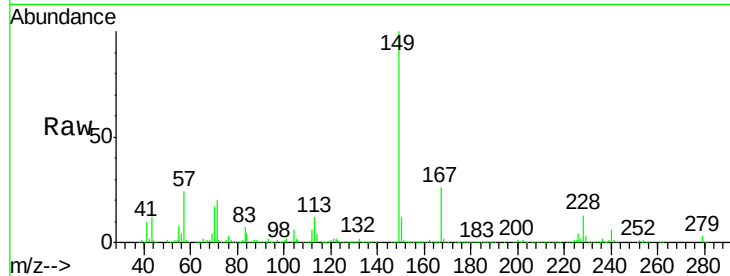
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.02 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.2	31.8
279	2.7	2.2	3.2

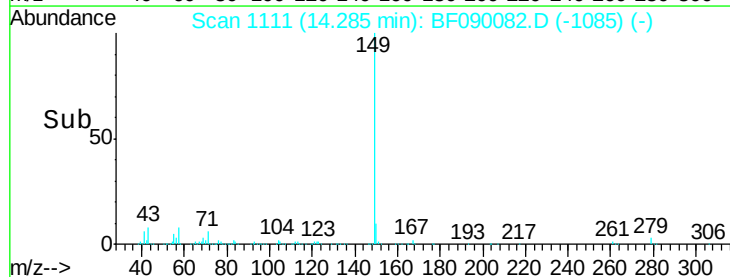
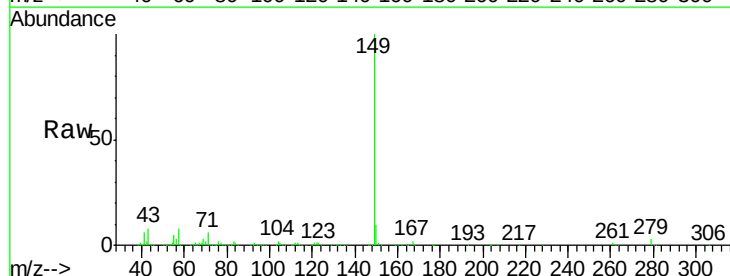
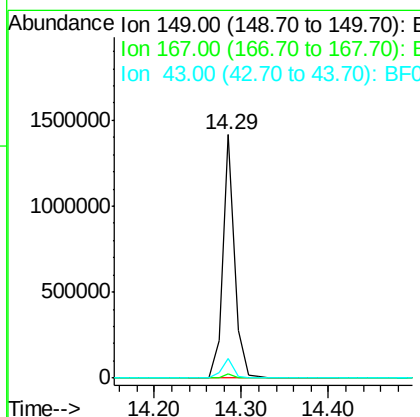
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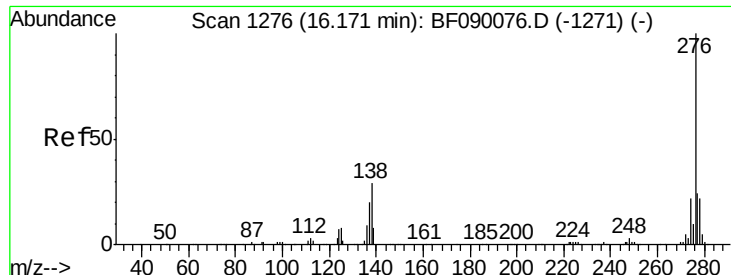
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#84
 Di-n-octyl phthalate
 Concen: 36.57 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2





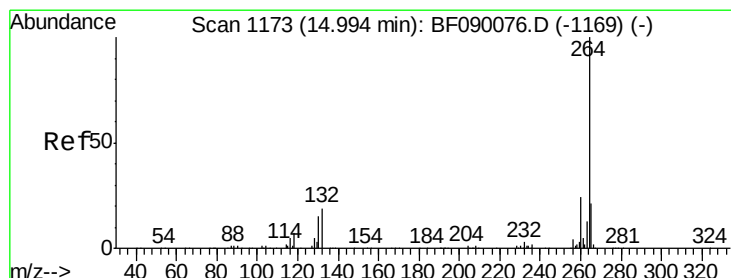
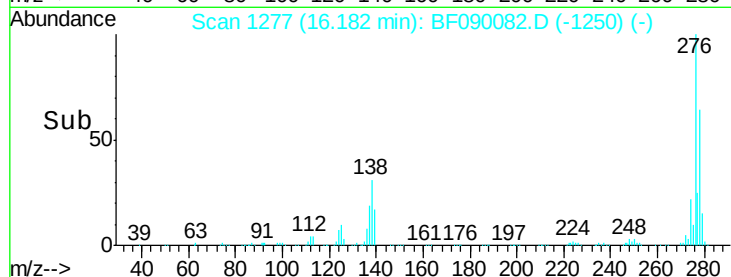
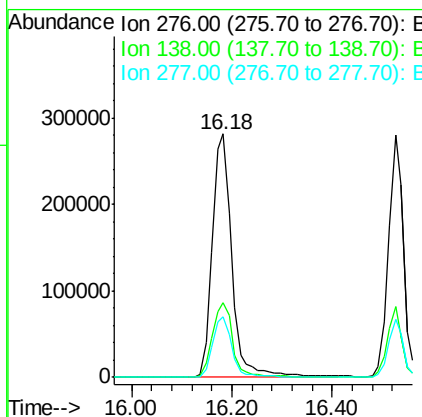
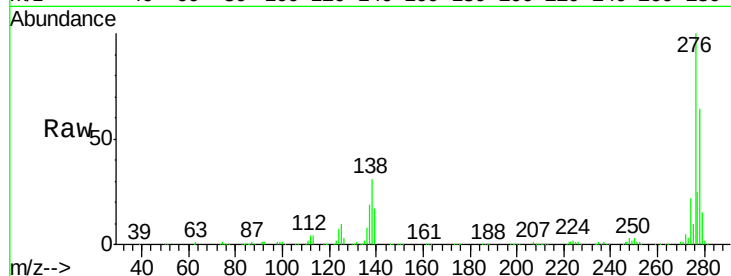
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.17 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	32.4	25.9	38.9
277	25.1	19.9	29.9

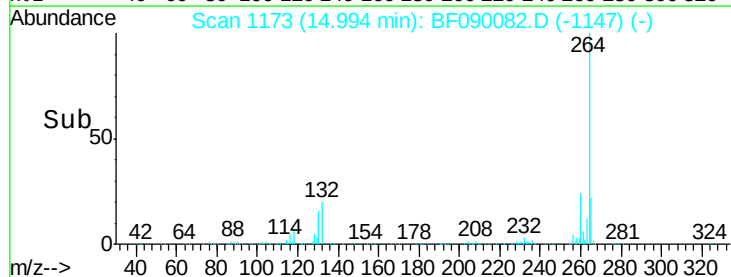
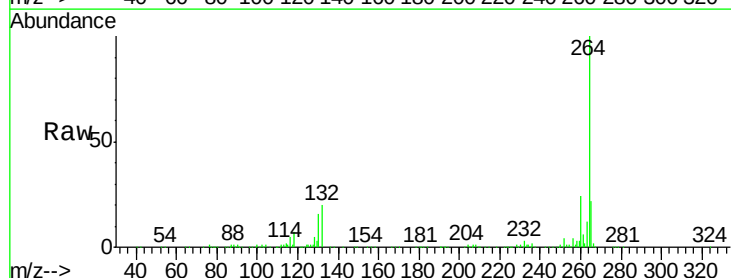
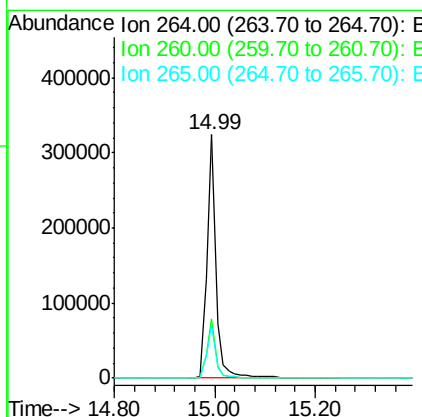
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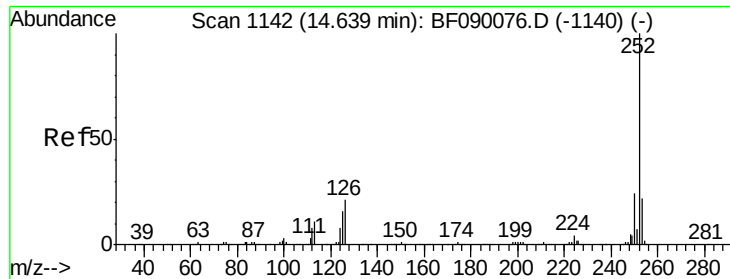
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 47.04 ng m

RT: 14.64 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

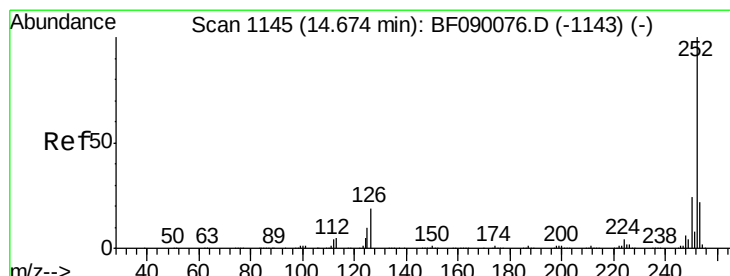
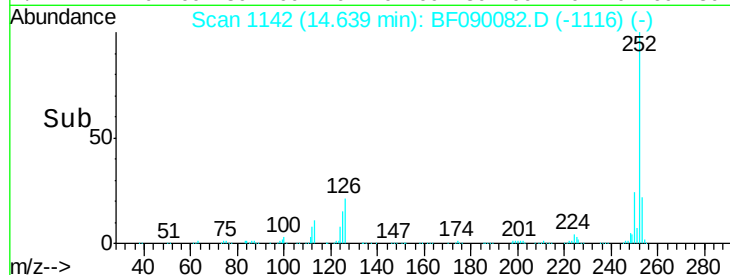
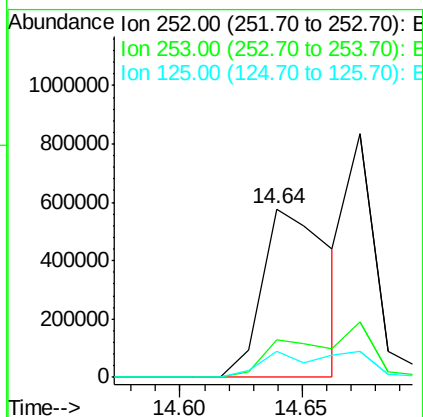
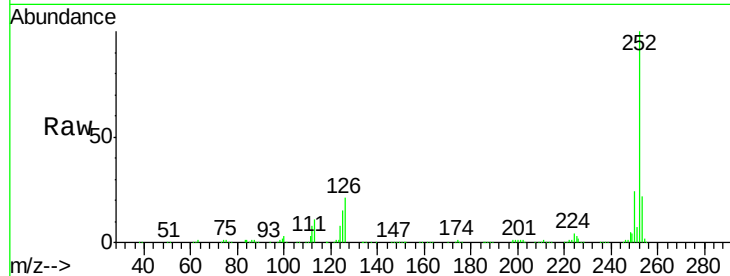
ClientSampled :

SSTDCCC040

Tgt Ion:	252	Resp:	1119119
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.3	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 32.56 ng m

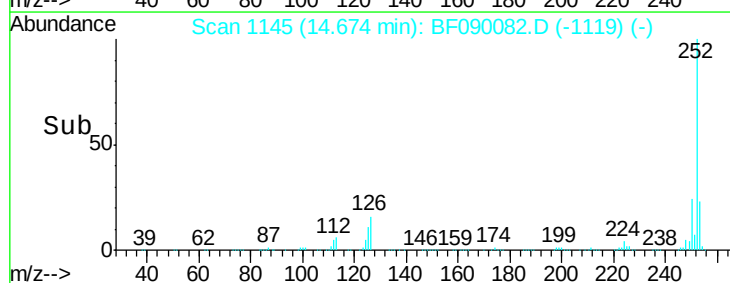
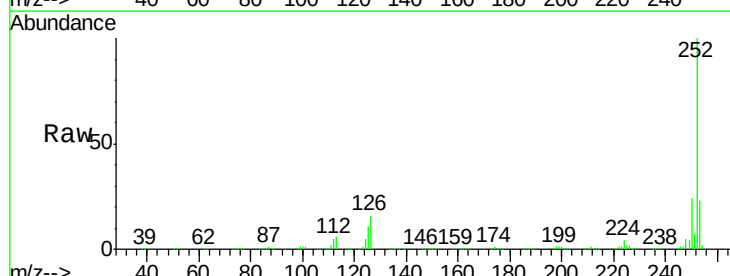
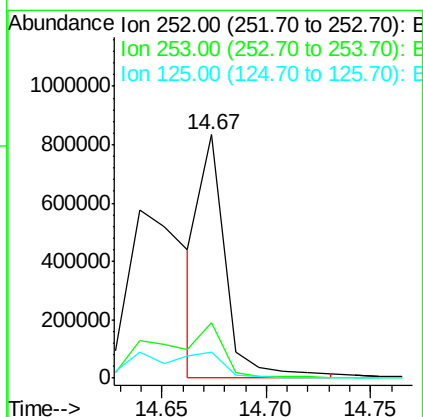
RT: 14.67 min Scan# 1145

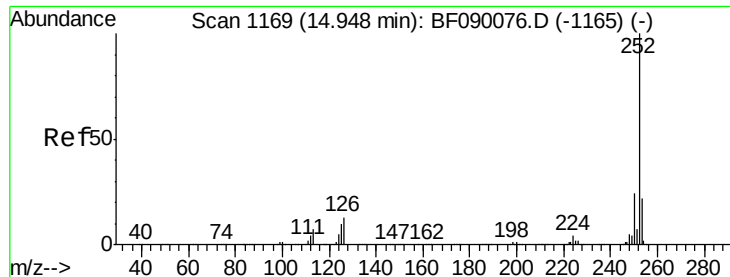
Delta R.T. 0.00 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:	252	Resp:	697418
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.6	7.8	11.6





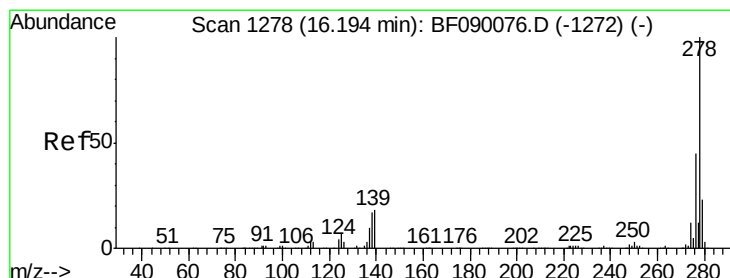
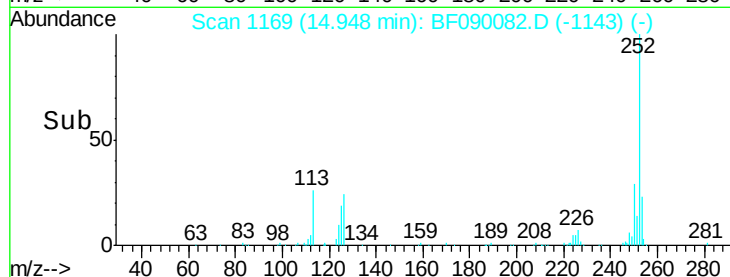
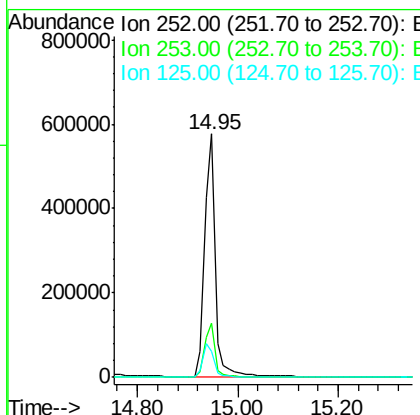
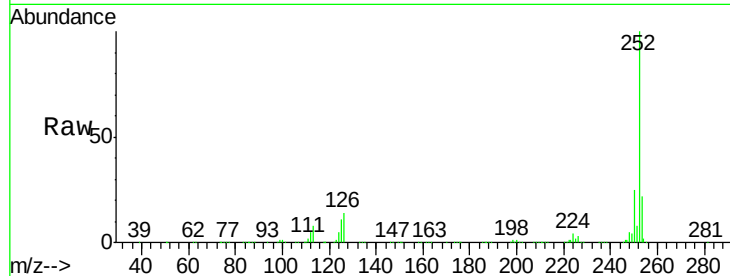
#89
Benzo(a)pyrene
Concen: 39.89 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	850991		
253	22.2		17.4	26.0
125	10.6		7.7	11.5

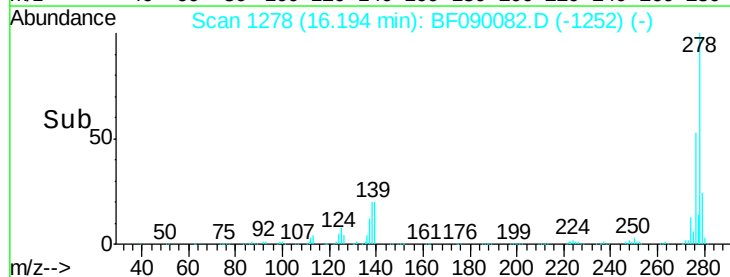
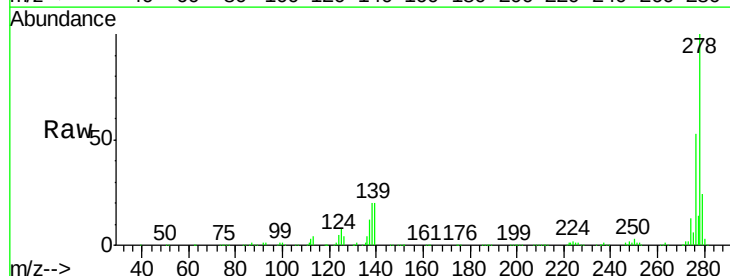
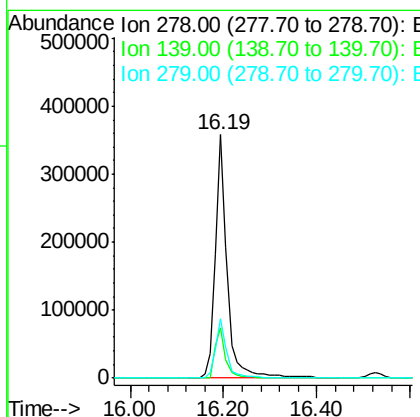
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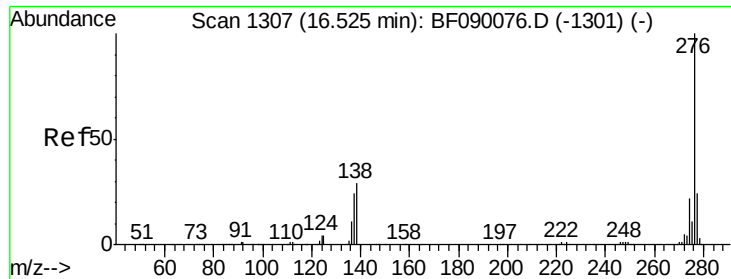
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#90
Dibenzo(a,h)anthracene
Concen: 38.01 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	635002		
139	20.5		14.6	21.8
279	24.1		18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 37.60 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	599507
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.9	28.3
138	29.0	23.3	34.9

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