

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090867.D
 Acq On : 27 Oct 2016 11:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/28/2016 5:22:28 PM

Quant Time: Oct 28 11:33:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	192932	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	762527	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	459003	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	722815	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	684075	20.00	ng	-0.01
86) Perylene-d12	15.36	264	522382	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	963629	87.33	ng	-0.02
7) Phenol-d6	6.42	99	1303827	87.58	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1129398	96.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	337498	71.55	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1950027	74.60	ng	-0.02
78) Terphenyl-d14	12.90	244	2210362	81.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	234507	41.57	ng	# 72
3) Pyridine	3.01	79	676987	44.24	ng	# 74
4) n-Nitrosodimethylamine	2.98	42	201247m	46.71	ng	
6) Aniline	6.44	93	754928	44.39	ng	# 49
8) 2-Chlorophenol	6.57	128	590581	43.38	ng	99
9) Benzaldehyde	6.32	77	324009	42.14	ng	# 70
10) Phenol	6.44	94	681434	41.54	ng	# 24
11) bis(2-Chloroethyl)ether	6.52	93	611462	45.05	ng	89
12) 1,3-Dichlorobenzene	6.72	146	575228m	41.31	ng	
13) 1,4-Dichlorobenzene	6.80	146	625246m	42.70	ng	
14) 1,2-Dichlorobenzene	6.96	146	549255	39.13	ng	99
15) Benzyl Alcohol	6.93	79	450238	46.05	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.06	45	727226m	53.84	ng	
17) 2-Methylphenol	7.05	107	455033	43.94	ng	# 83
18) Hexachloroethane	7.29	117	220129	41.31	ng	93
19) n-Nitroso-di-n-propylamine	7.21	70	406915	47.28	ng	# 68
20) 3+4-Methylphenols	7.21	107	554278	46.23	ng	# 86
22) Acetophenone	7.20	105	710861	45.31	ng	# 85
24) Nitrobenzene	7.37	77	577749m	46.89	ng	
25) Isophorone	7.61	82	940816	39.80	ng	# 89
26) 2-Nitrophenol	7.69	139	307881	46.65	ng	# 82
27) 2,4-Dimethylphenol	7.73	122	478470	44.78	ng	# 83
28) bis(2-Chloroethoxy)methane	7.82	93	570784	42.46	ng	# 94
29) 2,4-Dichlorophenol	7.93	162	405440	40.98	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	465773	40.74	ng	96
31) Naphthalene	8.09	128	1403408	39.37	ng	97
32) Benzoic acid	7.88	122	367592	47.38	ng	# 70
33) 4-Chloroaniline	8.14	127	599244	41.61	ng	# 92
34) Hexachlorobutadiene	8.21	225	291512	43.36	ng	99
35) Caprolactam	8.52	113	145914	47.51	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	503218m	46.77	ng	
37) 2-Methylnaphthalene	8.78	142	1082840	47.04	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	476475	37.84	ng	98
40) Hexachlorocyclopentadiene	8.93	237	210347	36.31	ng	95

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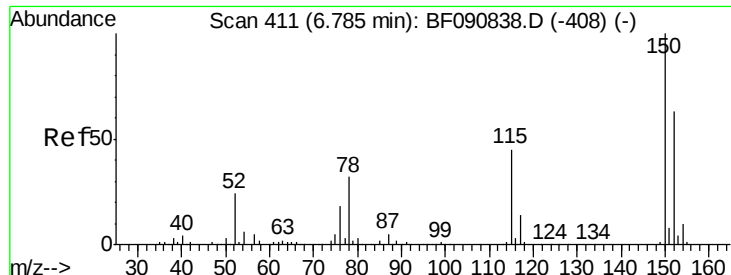
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	316785	38.97	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	341859m	40.83	nq	
45) 1,1'-Biphenyl	9.25	154	1285024	38.87	nq	94
46) 2-Chloronaphthalene	9.28	162	981453	39.02	nq	97
47) 2-Nitroaniline	9.37	65	262181	36.95	nq	# 77
48) Acenaphthylene	9.69	152	1648743	43.30	nq	95
49) Dimethylphthalate	9.56	163	1154982	37.66	nq	# 98
50) 2,6-Dinitrotoluene	9.62	165	287082	42.39	nq	# 92
51) Acenaphthene	9.86	154	1061650	40.48	nq	88
52) 3-Nitroaniline	9.79	138	290496	40.29	nq	# 86
53) 2,4-Dinitrophenol	9.89	184	141469	39.68	nq	# 84
54) Dibenzofuran	10.03	168	1374195	40.60	nq	# 87
55) 4-Nitrophenol	9.95	139	188050	42.77	nq	# 47
56) 2,4-Dinitrotoluene	10.02	165	353426	42.01	nq	# 82
57) Fluorene	10.37	166	1144134	41.27	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	268491	35.91	nq	97
59) Diethylphthalate	10.25	149	1161839	38.14	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	493191	36.45	nq	# 81
61) 4-Nitroaniline	10.41	138	307963	43.12	nq	# 66
62) Azobenzene	10.52	77	1231091	41.10	nq	84
64) 4,6-Dinitro-2-methylphenol	10.43	198	218495	45.59	nq	# 75
65) n-Nitrosodiphenylamine	10.49	169	942439	42.57	nq	90
66) 4-Bromophenyl-phenylether	10.85	248	307836	38.89	nq	96
67) Hexachlorobenzene	10.92	284	393562	42.01	nq	# 84
68) Atrazine	11.01	200	236487	34.53	nq	86
69) Pentachlorophenol	11.12	266	213413	42.47	nq	96
70) Phenanthrene	11.33	178	1618159	43.96	nq	95
71) Anthracene	11.38	178	1536256	39.64	nq	96
72) Carbazole	11.54	167	1414088	41.31	nq	# 92
73) Di-n-butylphthalate	11.88	149	1861018	42.18	nq	# 99
74) Fluoranthene	12.52	202	1702008	42.22	nq	88
76) Benzidine	12.65	184	567978	38.03	nq	# 98
77) Pyrene	12.75	202	1734479m	40.07	nq	
79) Butylbenzylphthalate	13.37	149	781101	39.77	nq	# 77
80) Benzo(a)anthracene	13.94	228	1403976	38.67	nq	96
81) 3,3'-Dichlorobenzidine	13.91	252	565726	40.14	nq	# 94
82) Chrysene	13.97	228	1441073m	39.24	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	1035555	40.48	nq	98
84) Di-n-octyl phthalate	14.55	149	1672464	38.94	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.72	276	1218448	37.44	nq	# 91
87) Benzo(b)fluoranthene	14.96	252	1262436m	35.94	nq	
88) Benzo(k)fluoranthene	14.99	252	1400587m	50.45	nq	
89) Benzo(a)pyrene	15.30	252	1203756	39.88	nq	# 90
90) Dibenzo(a,h)anthracene	16.74	278	1060452	41.50	nq	# 81
91) Benzo(g,h,i)perylene	17.13	276	993017	41.27	nq	# 80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF090867.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 192932

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

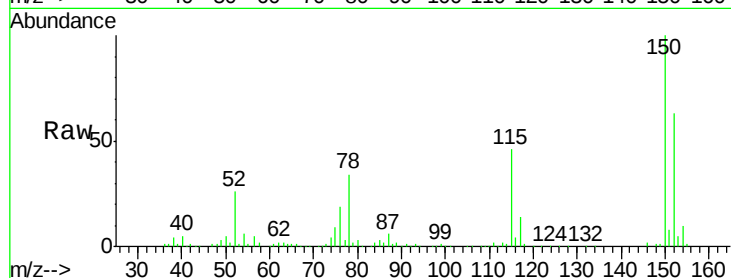
115 72.5 39.0 58.4#

Manual Integrations

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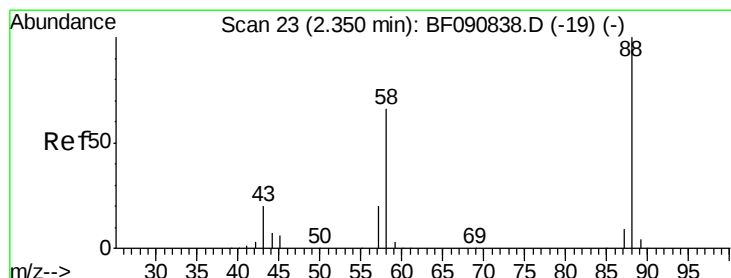
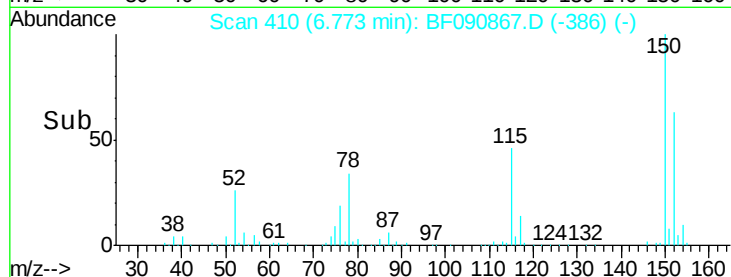
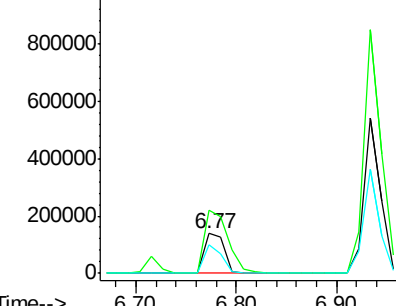
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.57 ng

RT: 2.33 min Scan# 21

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

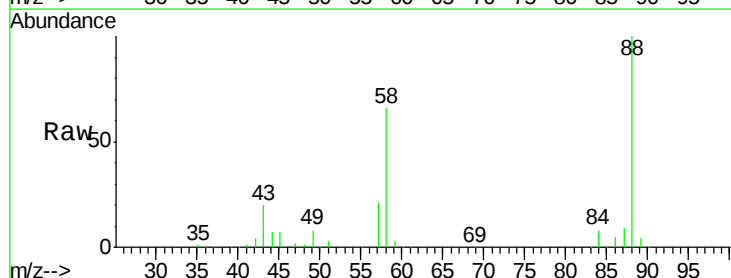
Tgt Ion: 88 Resp: 234507

Ion Ratio Lower Upper

88 100

58 67.5 77.7 116.5#

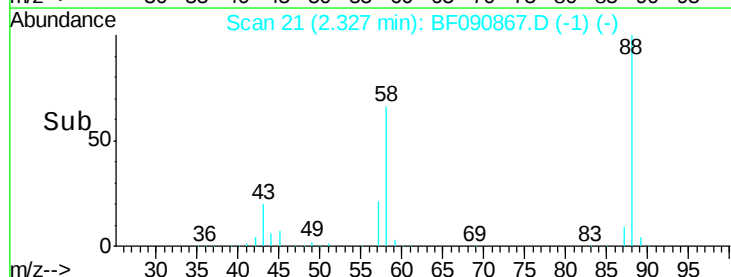
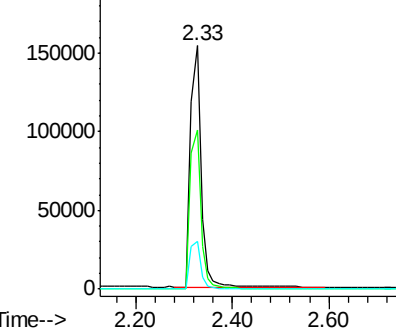
43 20.9 26.6 40.0#

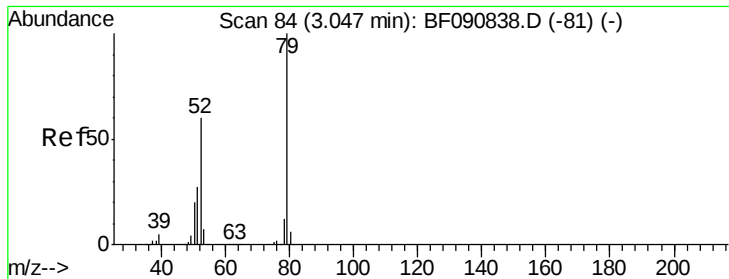


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





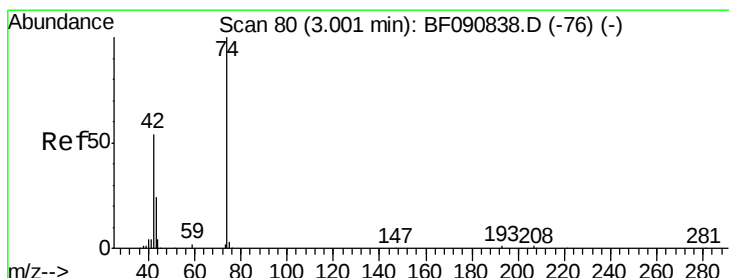
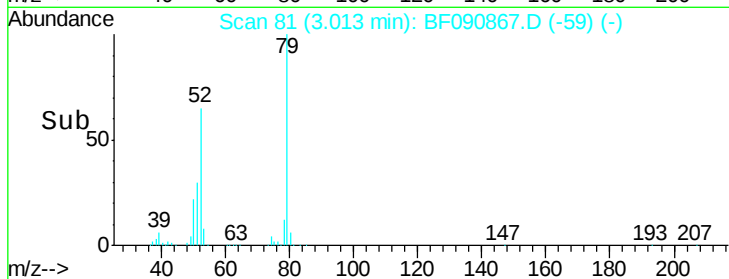
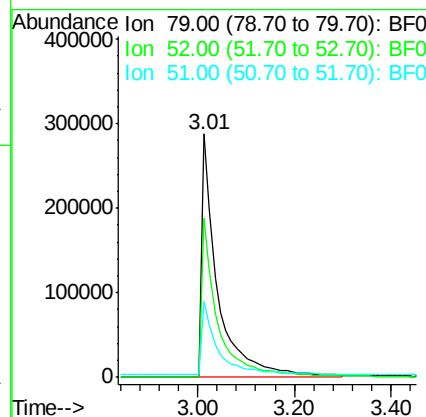
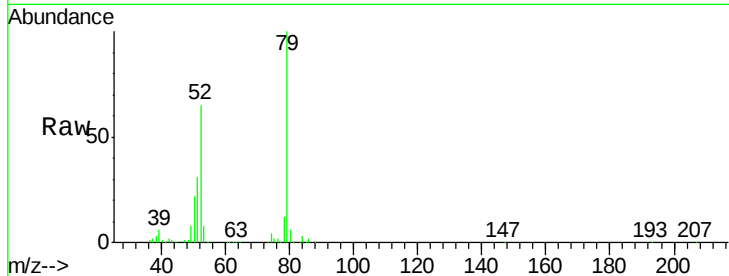
#3
 Pvridine
 Concen: 44.24 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.05 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	76.8	115.2#
51	31.3	32.2	48.4#

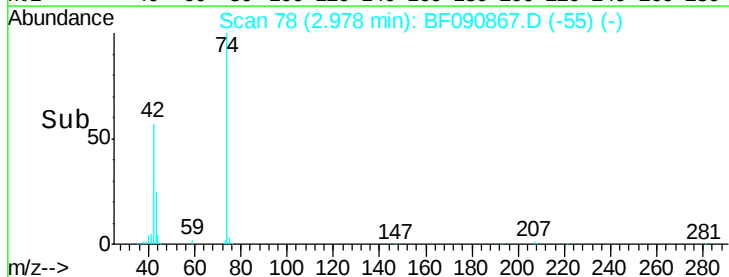
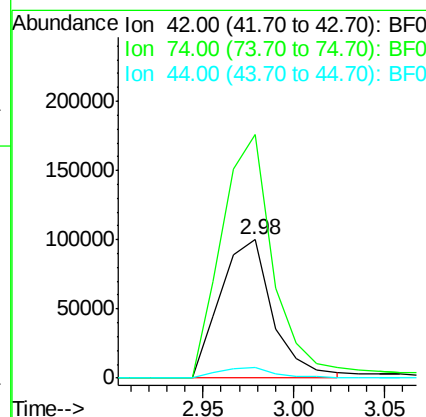
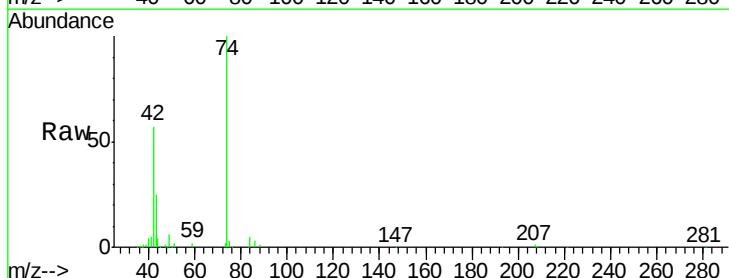
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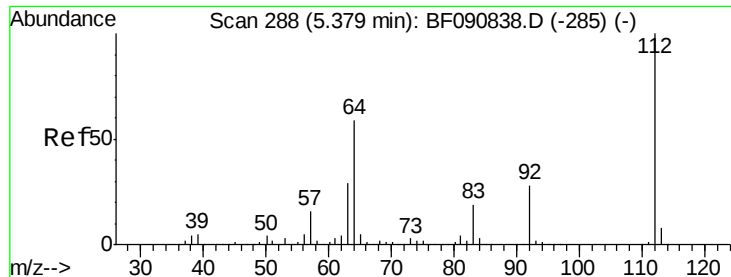
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#4
 n-Nitrosodimethylamine
 Concen: 46.71 ng m
 RT: 2.98 min Scan# 78
 Delta R.T. -0.03 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	175.8	105.0	157.6#
44	7.6	6.6	10.0





#5

2-Fluorophenol

Concen: 87.33 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

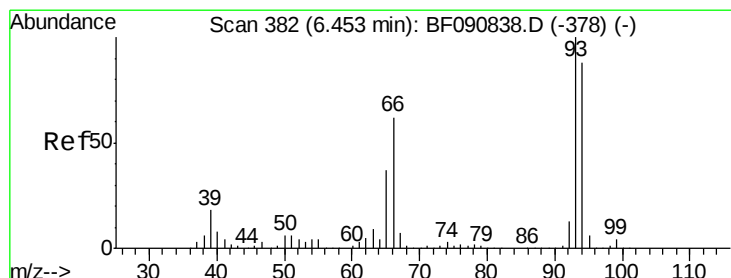
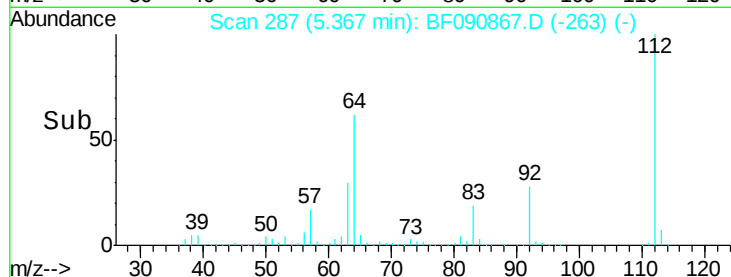
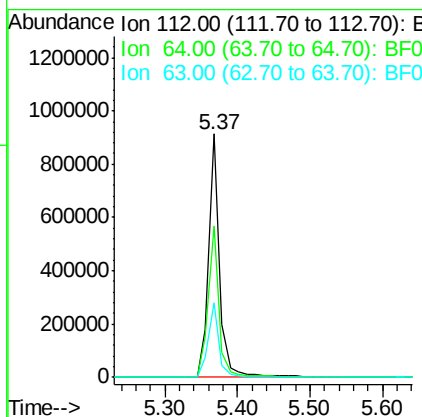
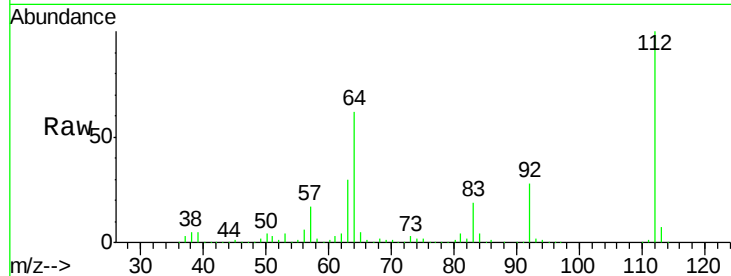
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	963629
Ion Ratio	Lower	Upper	
112	100		
64	62.1	39.7	59.5#
63	30.4	17.4	26.0#

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#6

Aniline

Concen: 44.39 ng

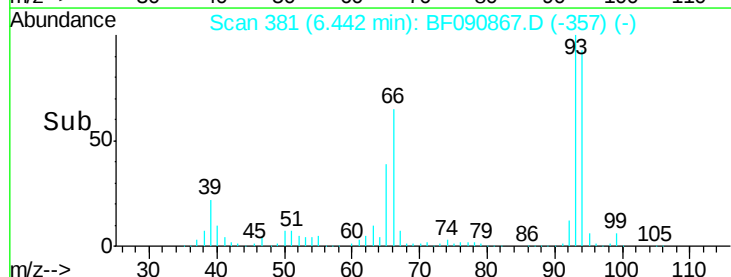
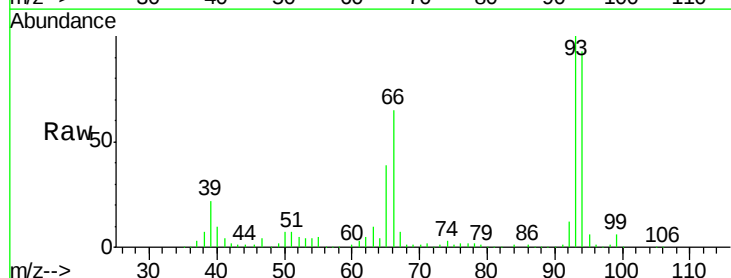
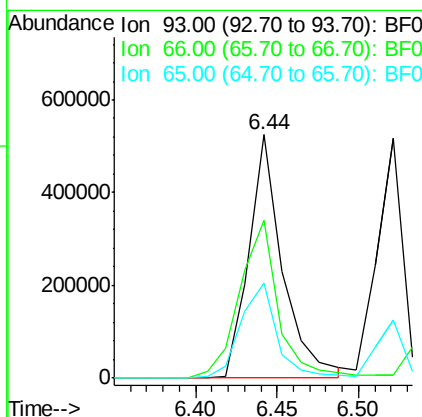
RT: 6.44 min Scan# 381

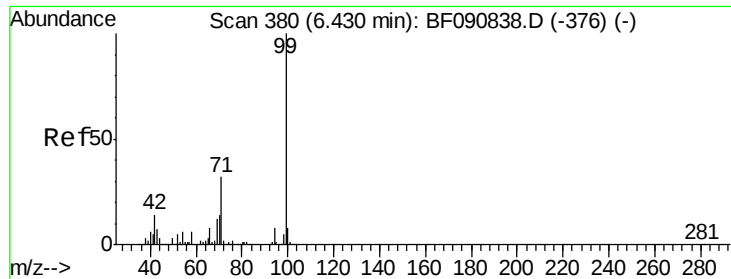
Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:	93	Resp:	754928
Ion Ratio	Lower	Upper	
93	100		
66	64.9	27.2	40.8#
65	39.2	14.7	22.1#





#7

Phenol-d6

Concen: 87.58 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1303827

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

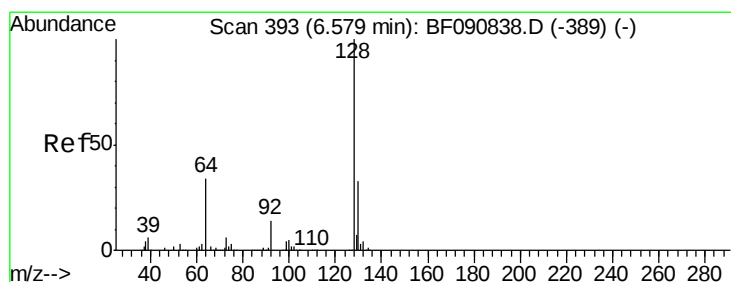
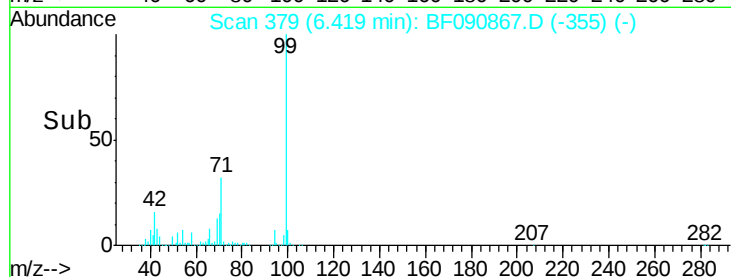
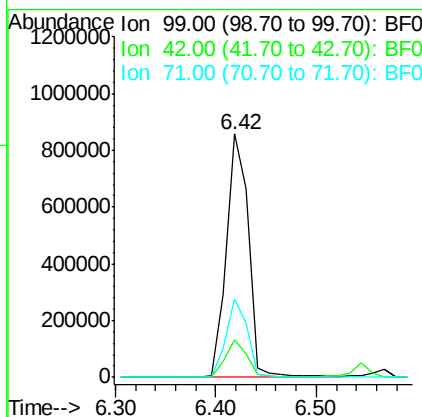
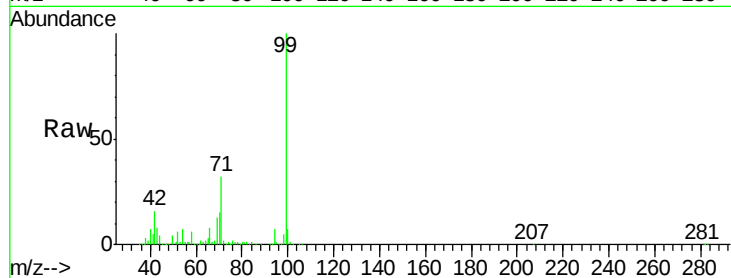
71 32.4 14.2 21.2#

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#8

2-Chlorophenol

Concen: 43.38 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

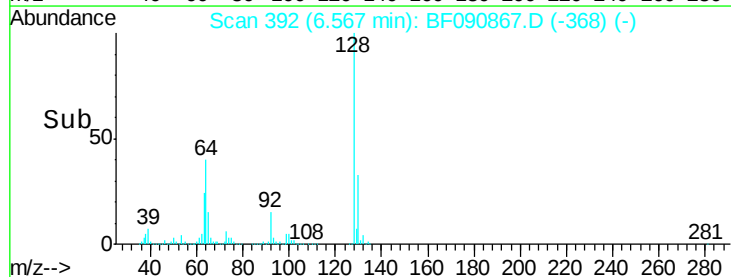
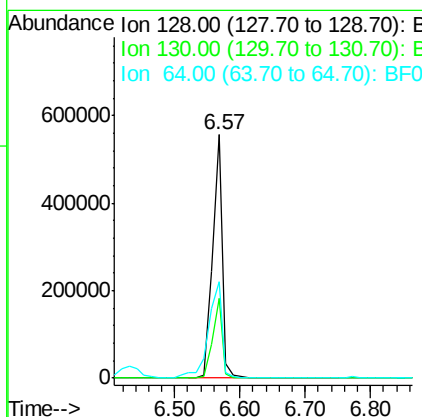
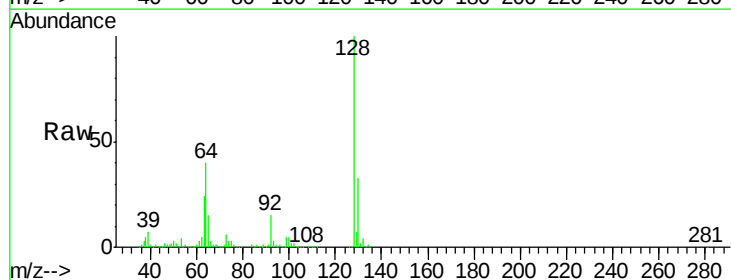
Tgt Ion: 128 Resp: 590581

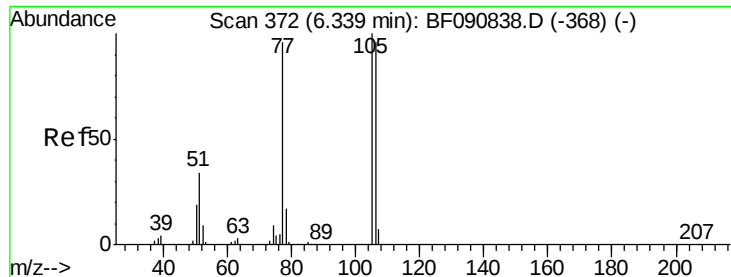
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 39.6 20.5 60.5





#9

Benzaldehyde

Concen: 42.14 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

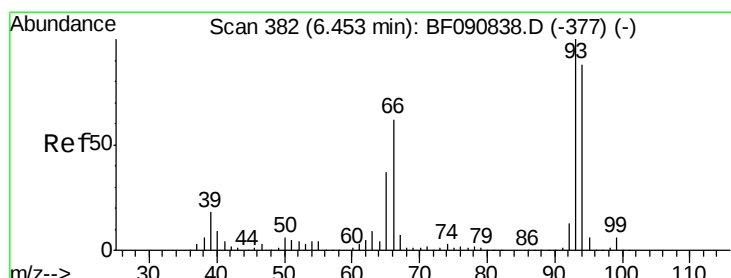
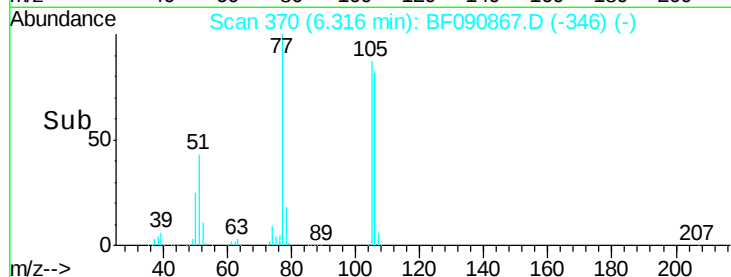
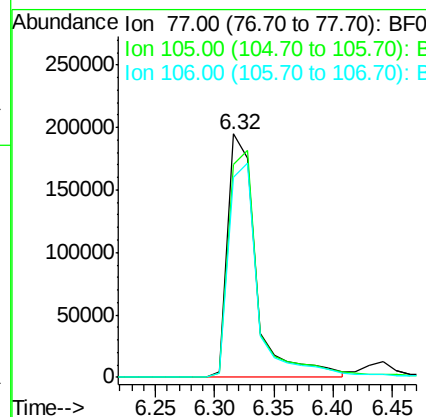
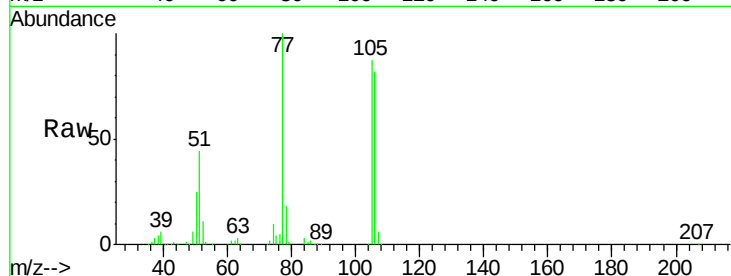
ClientSampled :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	87.3	91.6	131.6#		
106	82.3	102.6	142.6#		

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#10

Phenol

Concen: 41.54 ng

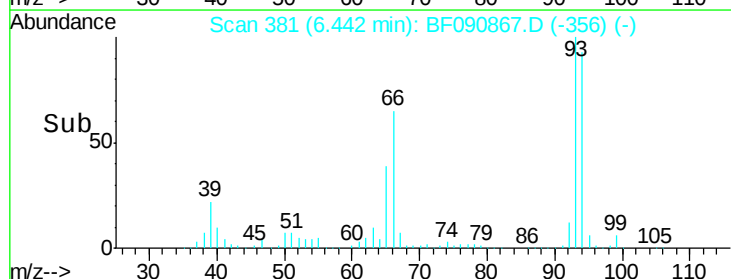
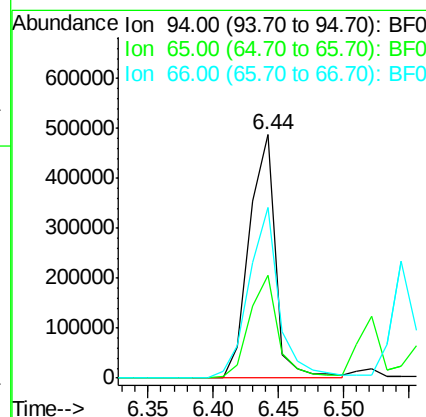
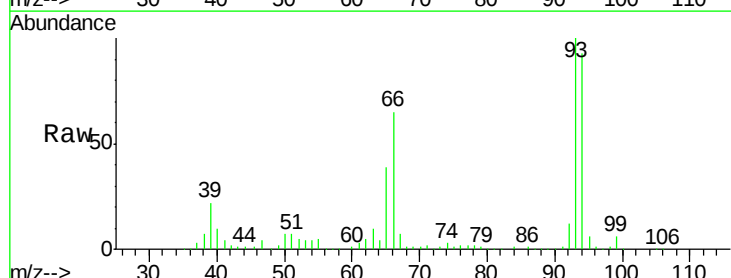
RT: 6.44 min Scan# 381

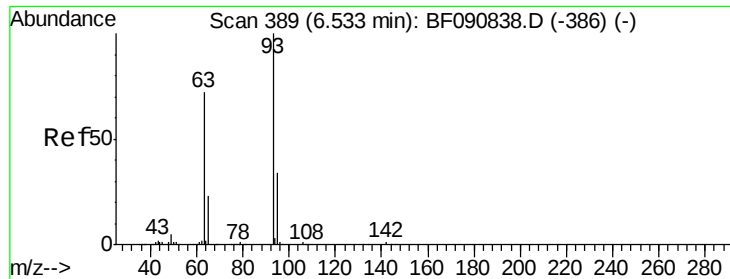
Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	42.2	0.7	40.7#		
66	69.9	0.8	40.8#		





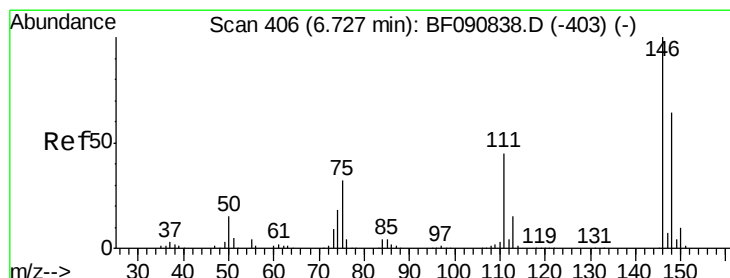
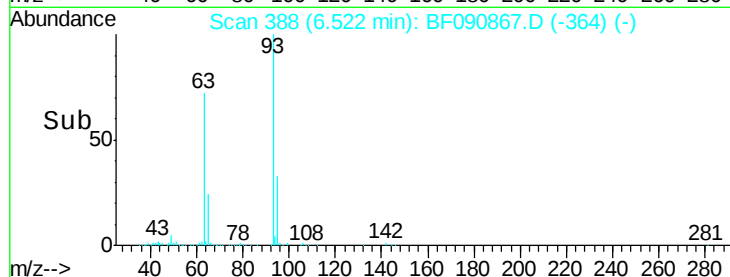
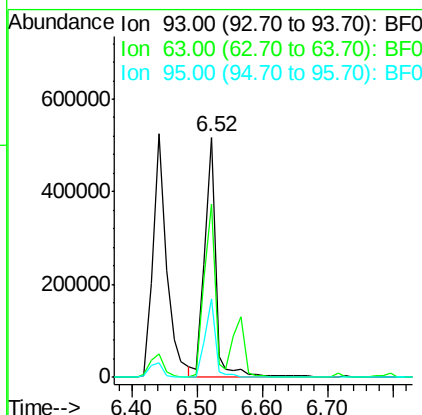
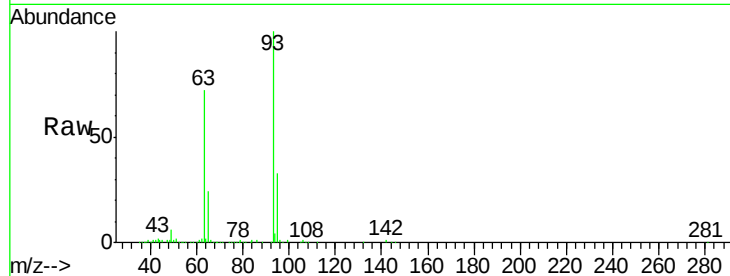
#11
bis(2-Chloroethyl)ether
Concen: 45.05 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	65.6	105.6
95	32.6	13.6	53.6

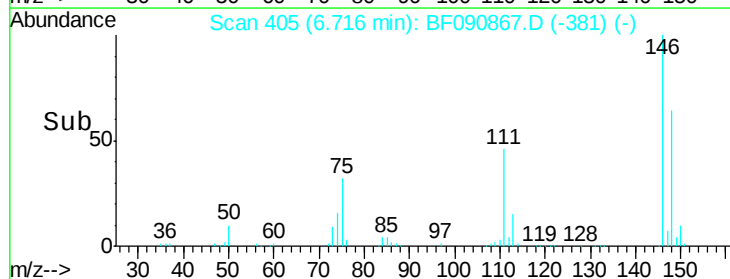
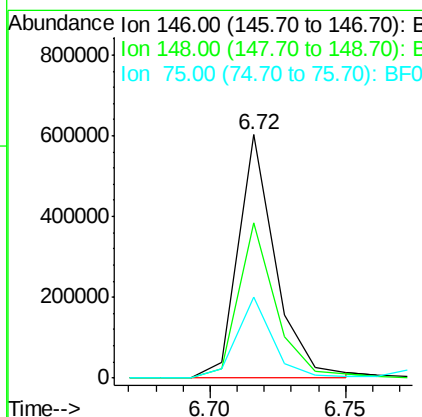
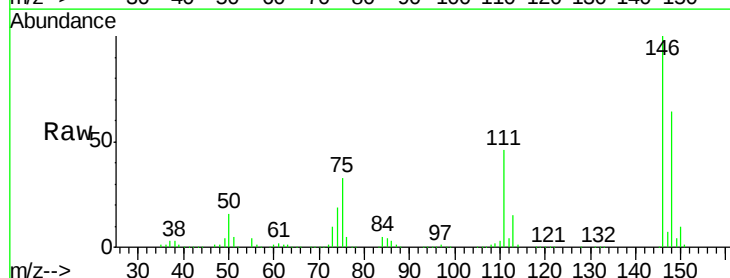
Manual Integrations
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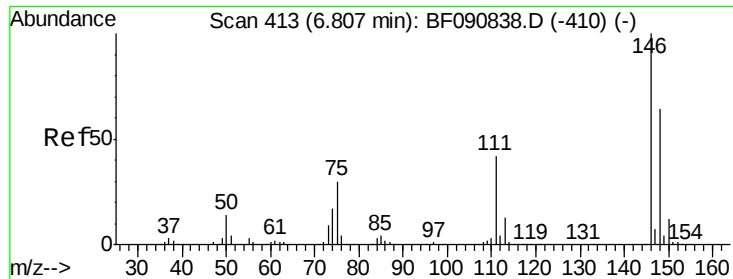
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#12
1,3-Dichlorobenzene
Concen: 41.31 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	33.3	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 42.70 ng/mL

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

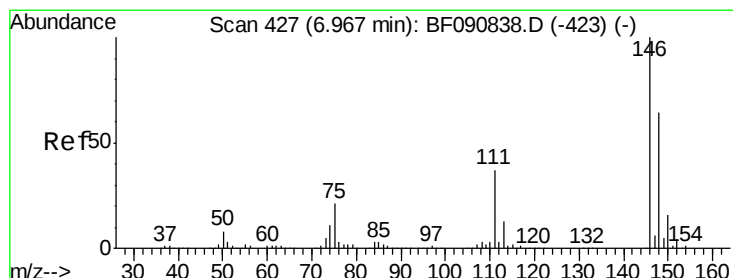
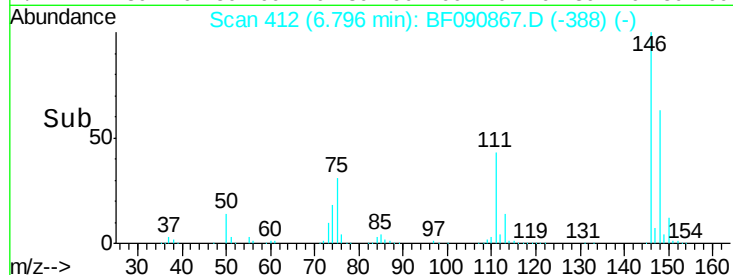
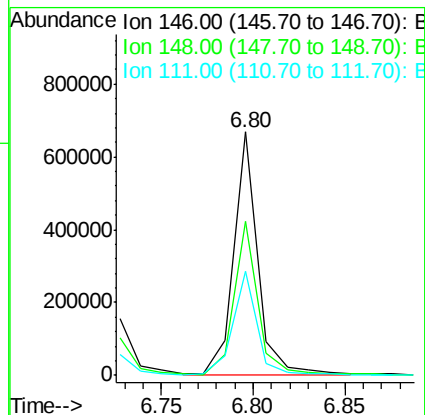
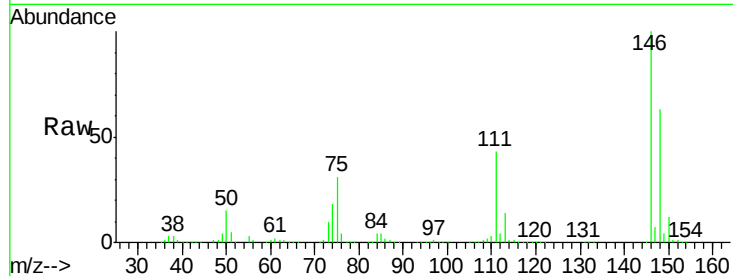
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
111	42.7	24.9	37.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.13 ng/mL

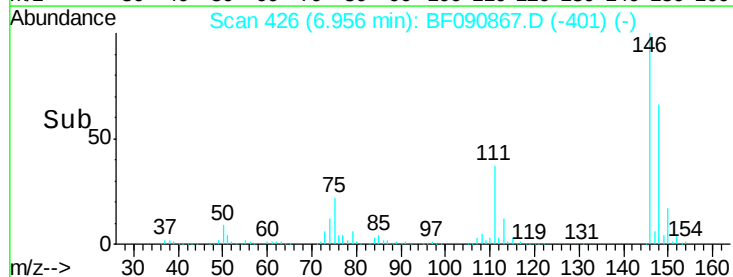
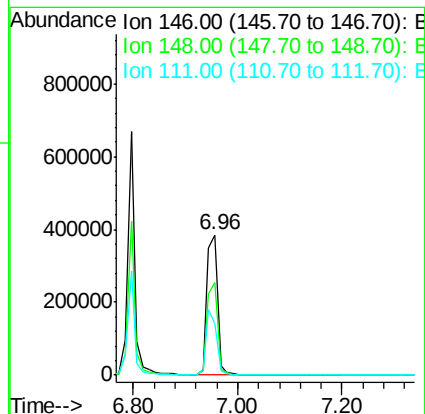
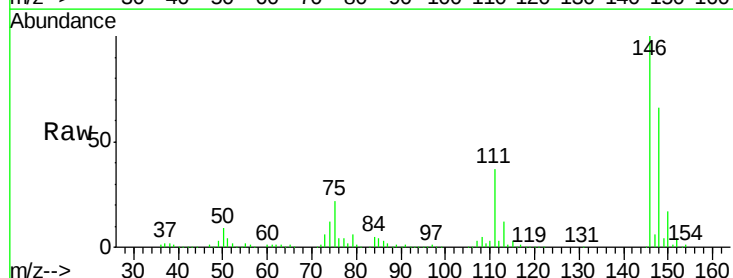
RT: 6.96 min Scan# 426

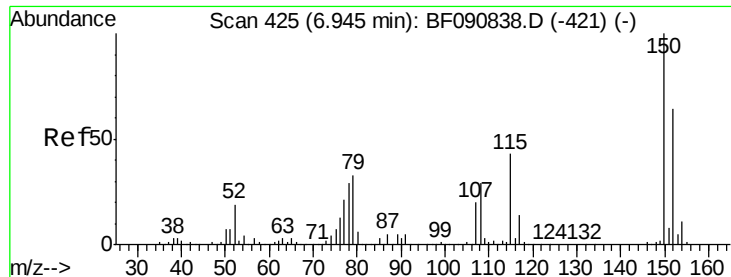
Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.7	79.1
111	36.9	28.8	43.2





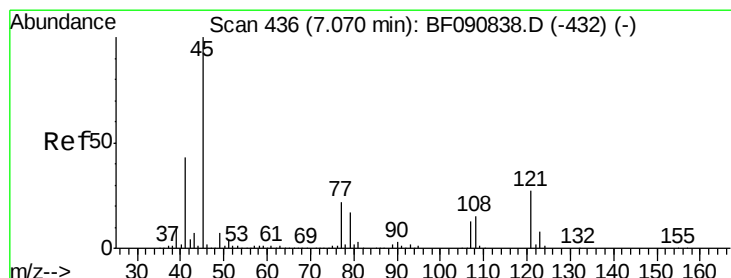
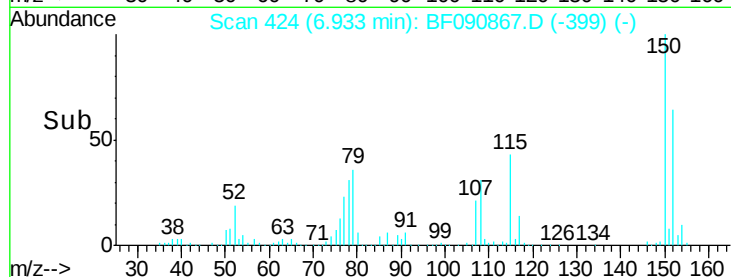
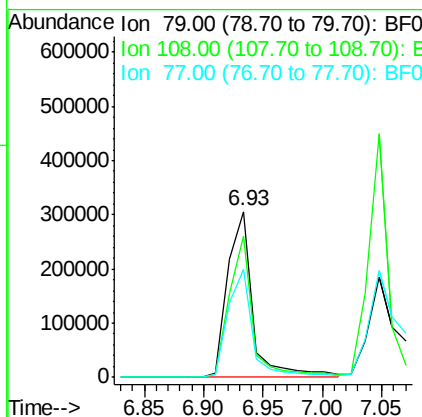
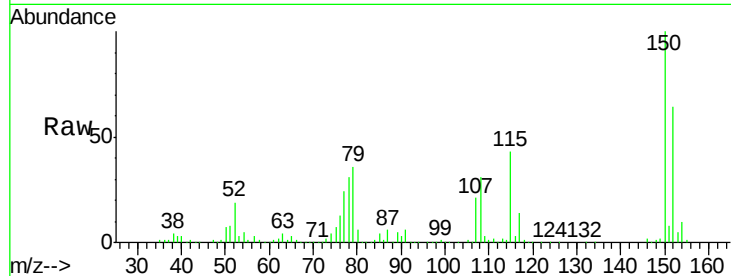
#15
Benzyl Alcohol
Concen: 46.05 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.5	88.6	132.8#
77	65.2	47.0	70.4

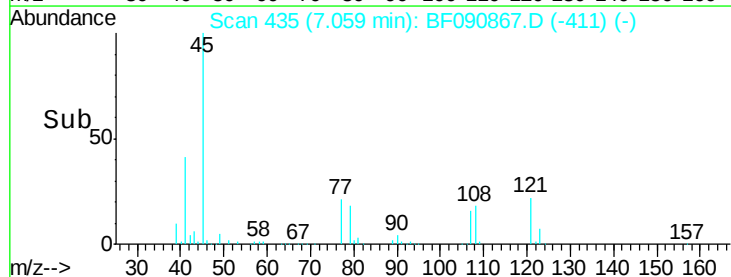
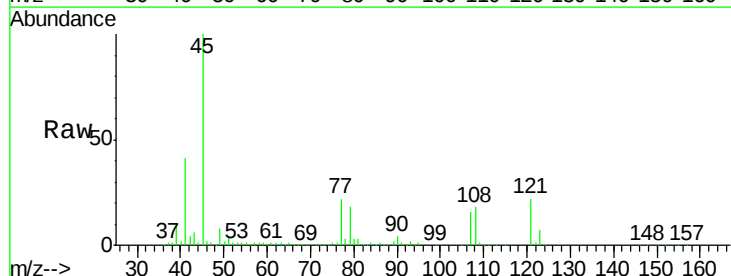
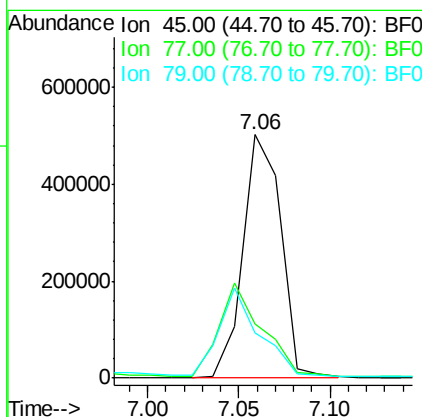
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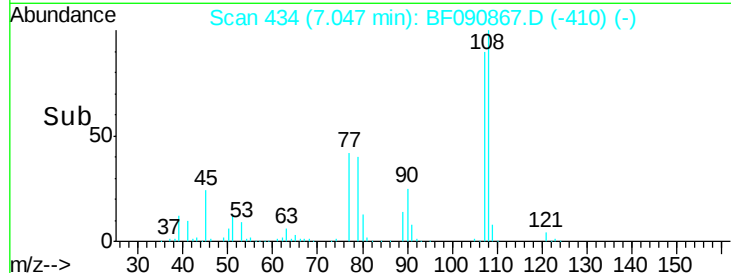
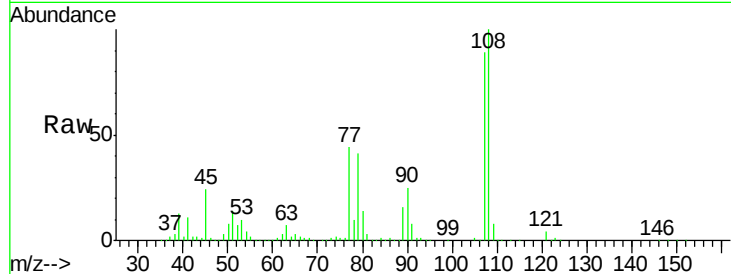
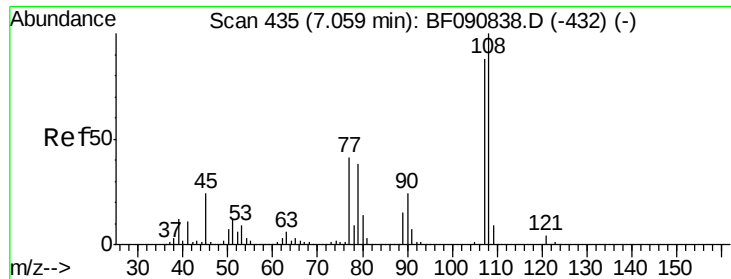
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#16
2,2'-oxybis(1-chloropropane)
Concen: 53.84 ng m
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	28.1
79	18.4	0.0	26.0





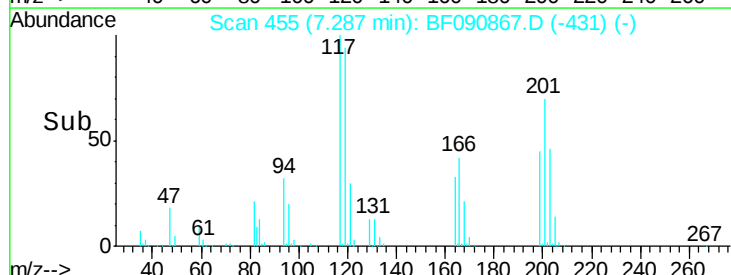
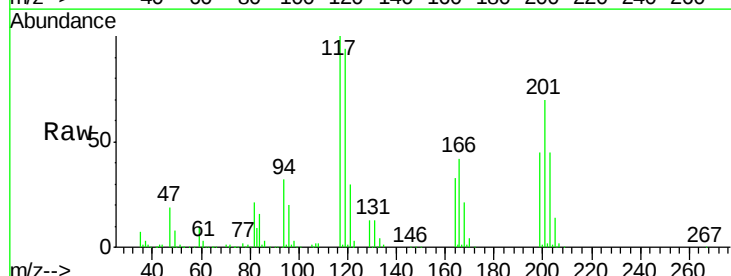
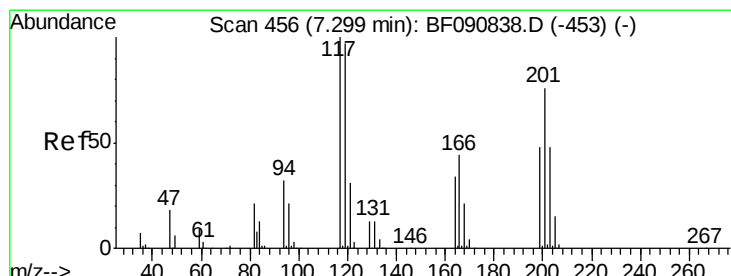
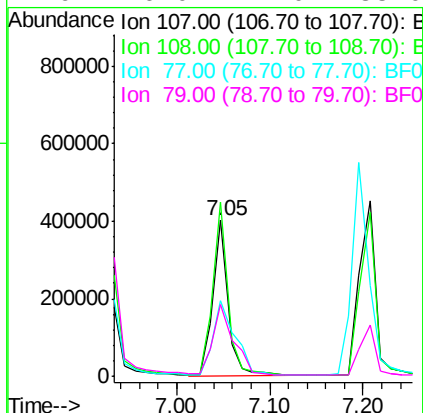
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tot Ion	Ratio	Resp	Lower	Upper
107	100	455033		
108	111.8	96.6	145.0	
77	48.8	23.3	34.9	
79	46.0	22.0	33.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

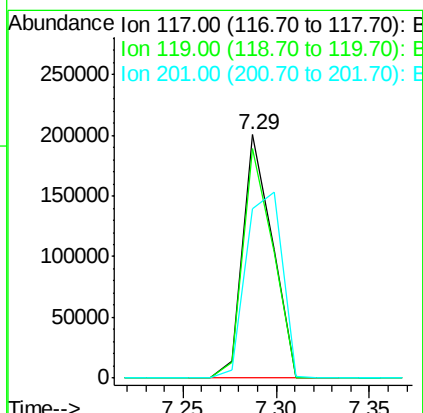
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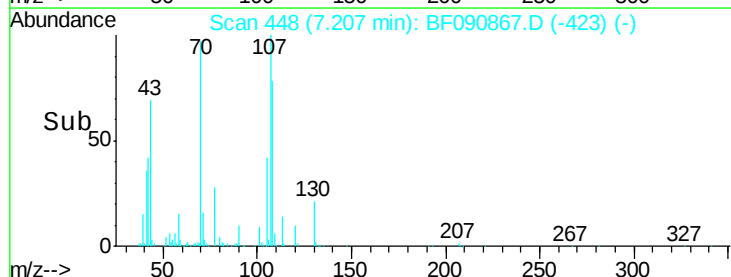
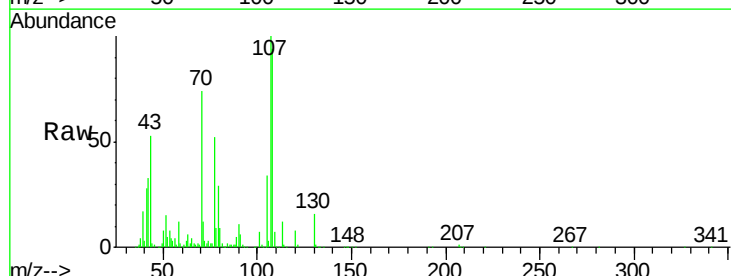
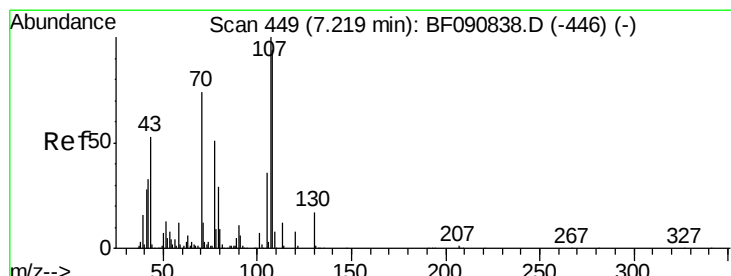
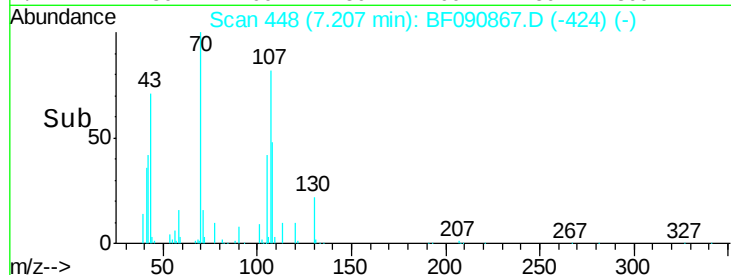
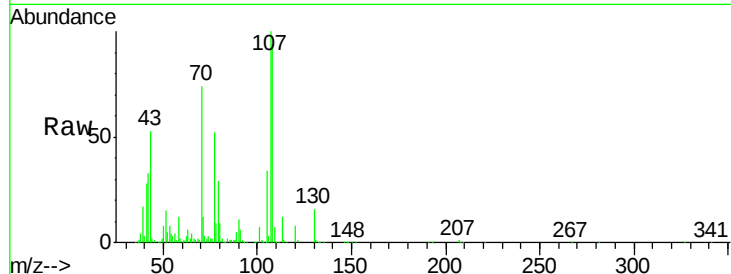
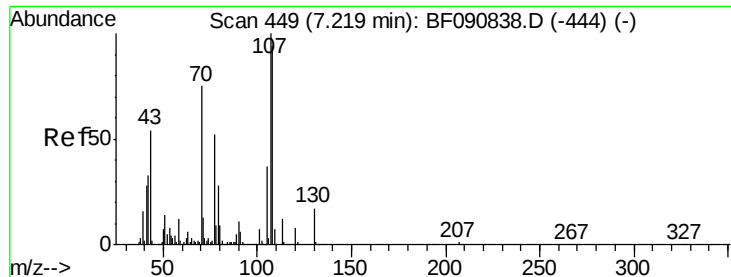
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#18
Hexachloroethane
Concen: 41.31 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	220129		
119	94.0	83.8	125.6	
201	69.6	55.1	82.7	





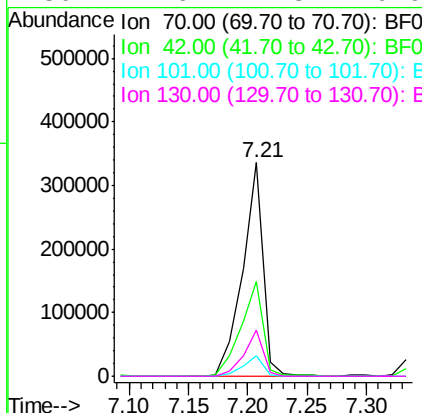
#19
n-Nitroso-di-n-propylamine
Concen: 47.28 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	44.5	63.8	95.6#
101	9.7	9.2	13.8
130	21.6	27.3	40.9#

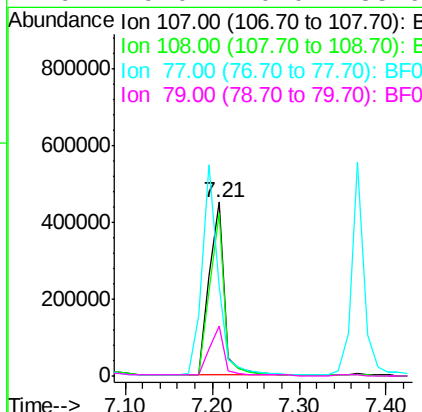
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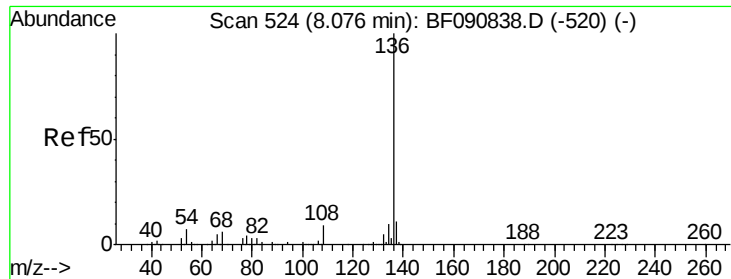
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#20
3+4-Methylphenols
Concen: 46.23 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	93.9	74.6	114.6
77	51.8	0.7	40.7#
79	29.0	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

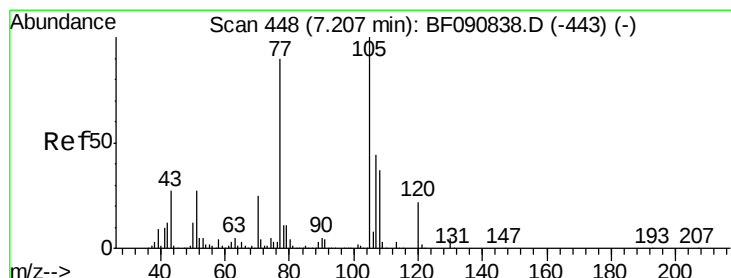
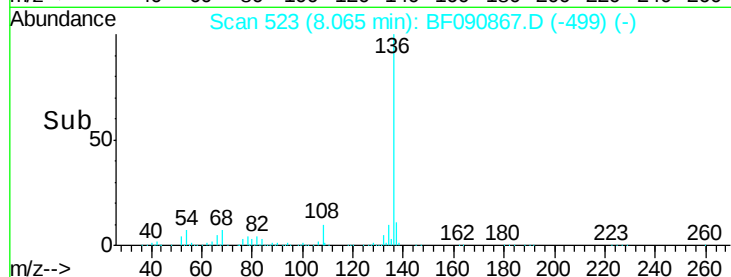
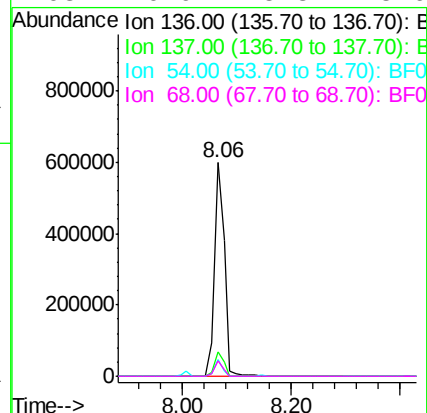
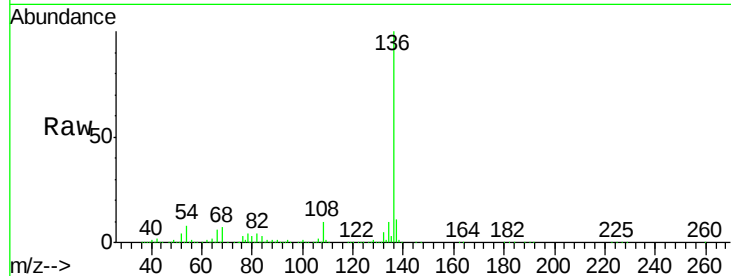
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	7.6	8.2	12.2	
68	6.9	5.8	8.6	

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#22

Acetophenone

Concen: 45.31 ng

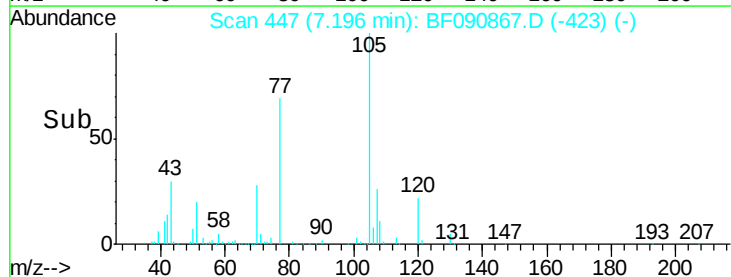
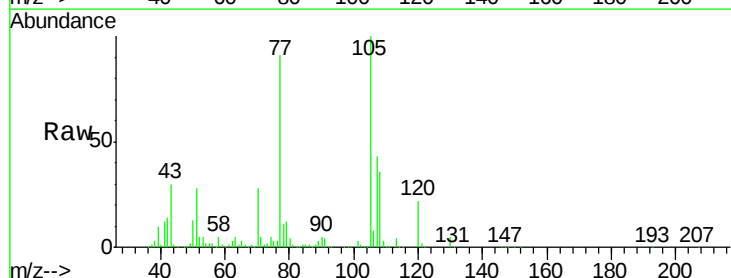
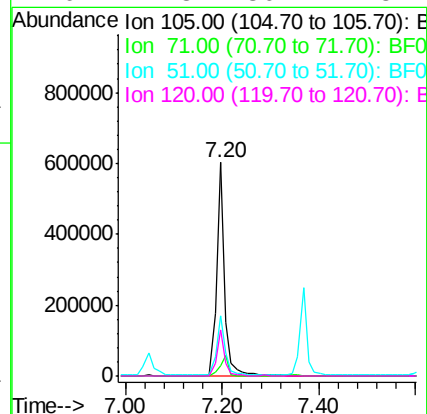
RT: 7.20 min Scan# 447

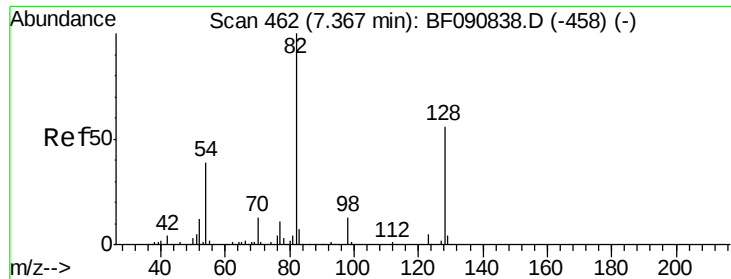
Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.7	7.1	
51	28.2	22.0	33.0	
120	21.8	30.1	45.1	





#23

Nitrobenzene-d5

Concen: 96.96 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1129398

Ion Ratio Lower Upper

82 100

128 53.2 51.0 76.6

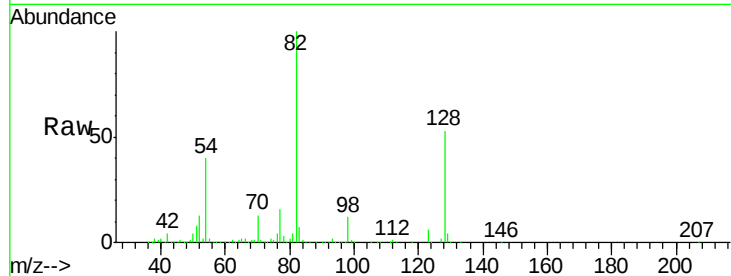
54 39.8 47.5 71.3#

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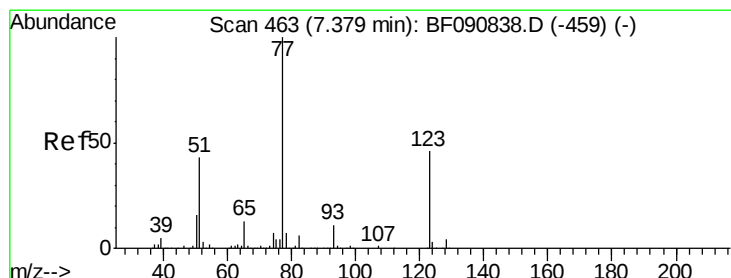
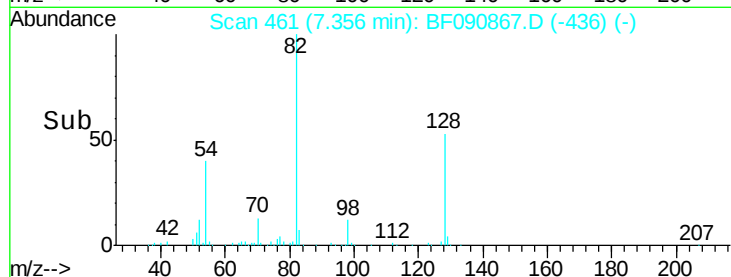
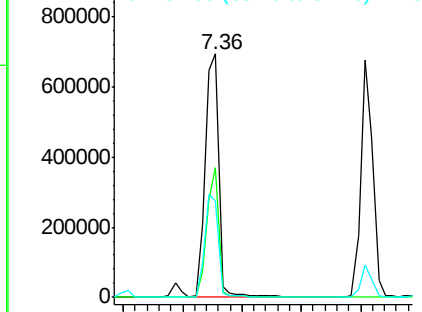
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.89 ng m

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

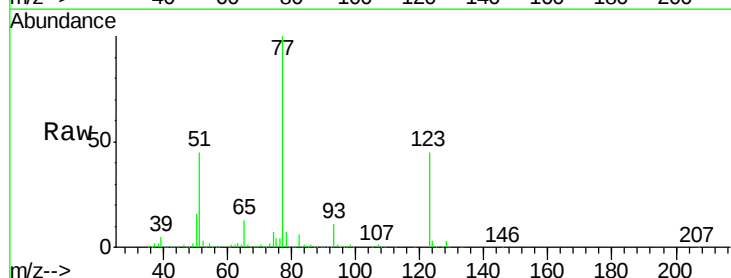
Tgt Ion: 77 Resp: 577749

Ion Ratio Lower Upper

77 100

123 44.8 59.8 89.8#

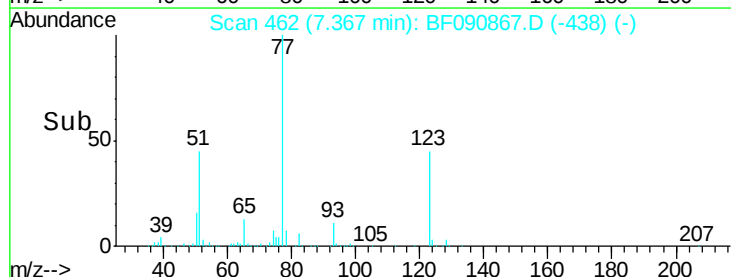
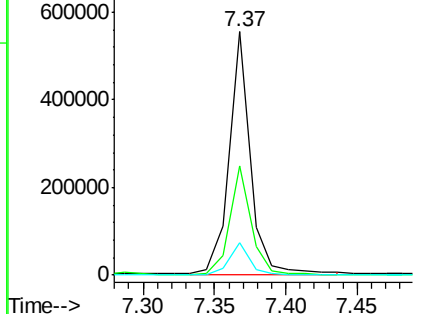
65 13.2 10.2 15.4

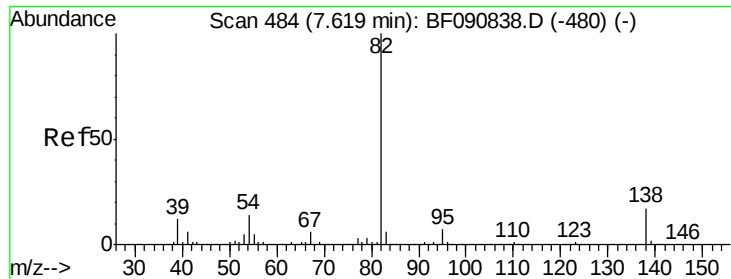


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.80 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

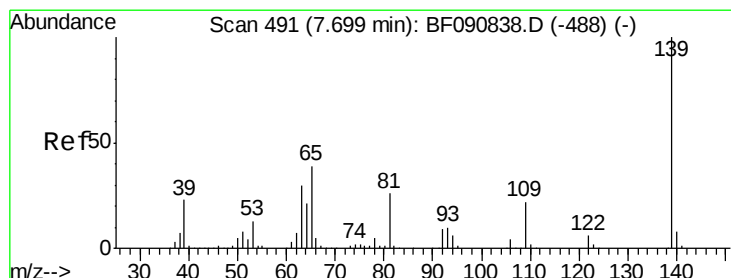
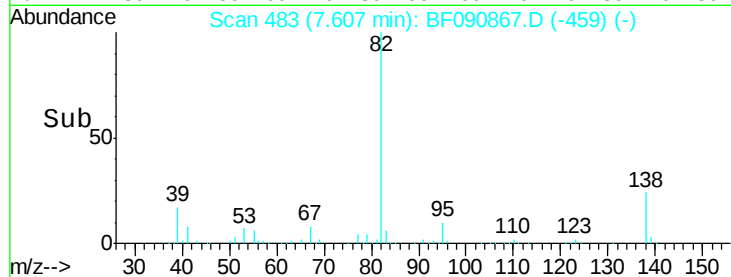
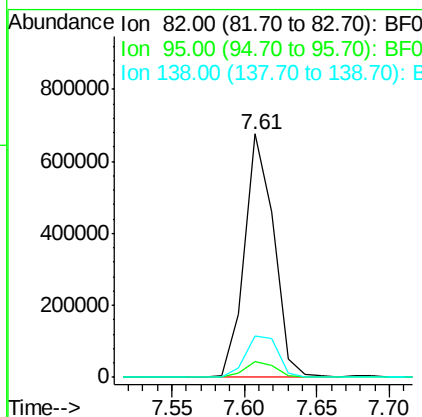
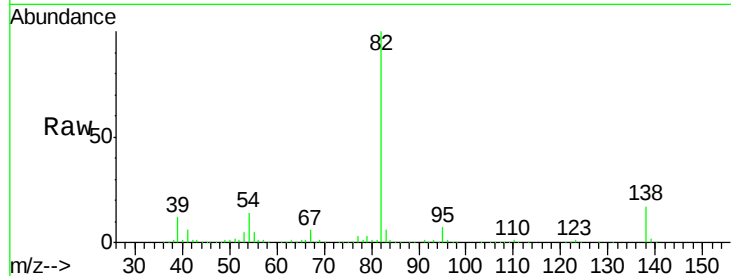
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	940816
Ion Ratio		Lower	Upper
82	100		
95	6.7	4.0	6.0#
138	16.8	18.3	27.5#

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#26

2-Nitrophenol

Concen: 46.65 ng

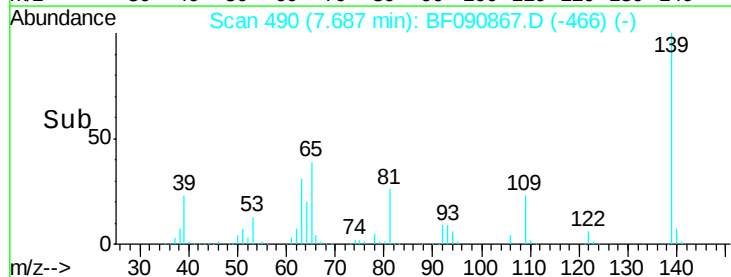
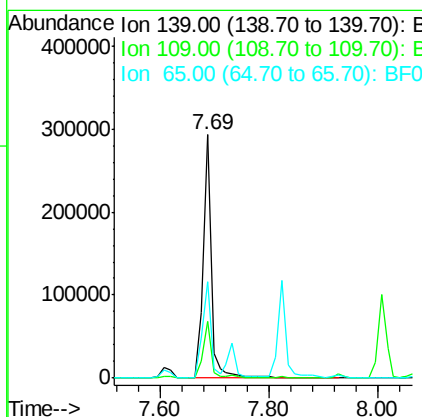
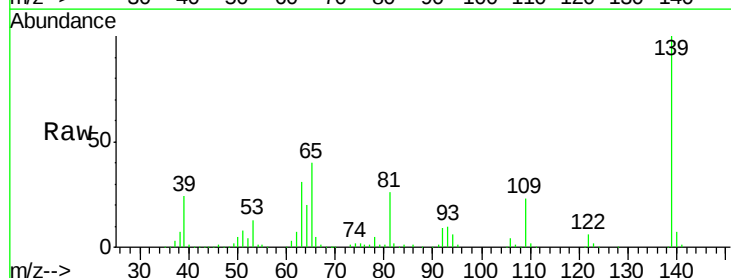
RT: 7.69 min Scan# 490

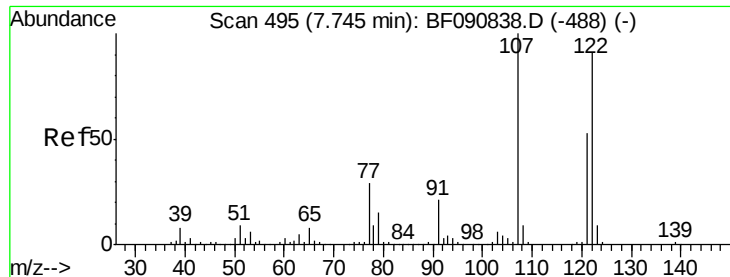
Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:	139	Resp:	307881
Ion Ratio		Lower	Upper
139	100		
109	23.1	11.0	16.4#
65	39.7	24.7	37.1#





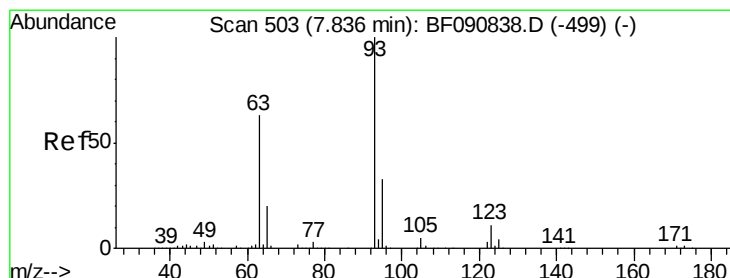
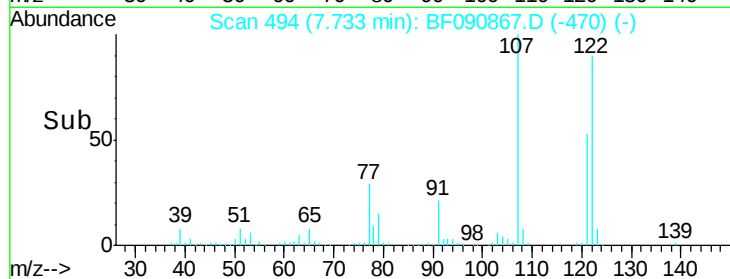
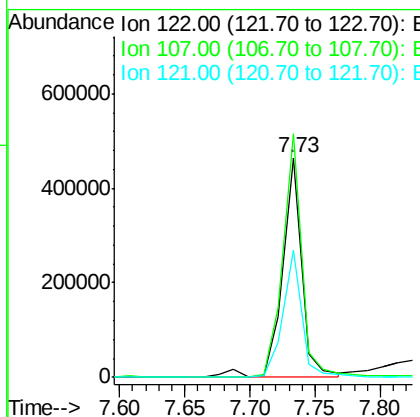
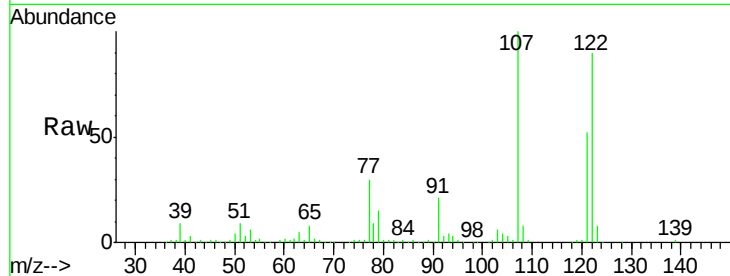
#27
 2,4-Dimethylphenol
 Concen: 44.78 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	71.8	107.6#
121	58.3	42.3	63.5

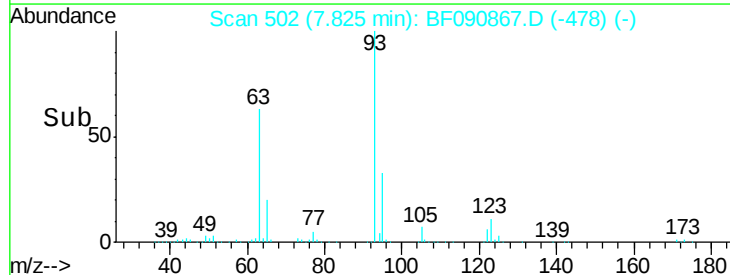
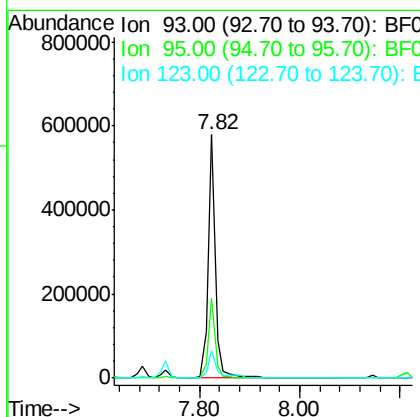
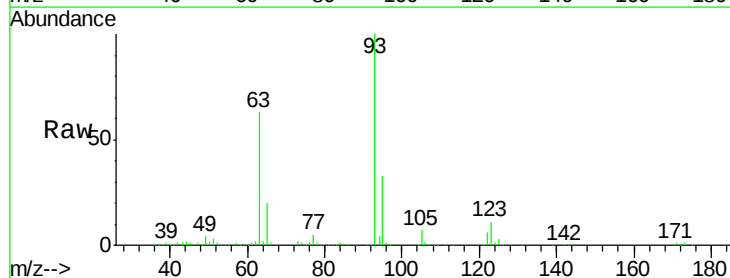
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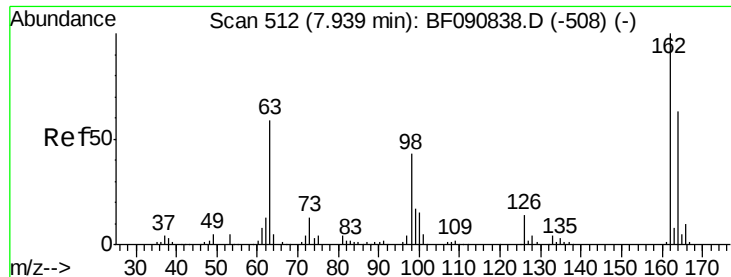
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.46 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.5	41.3
123	11.4	13.7	20.5#





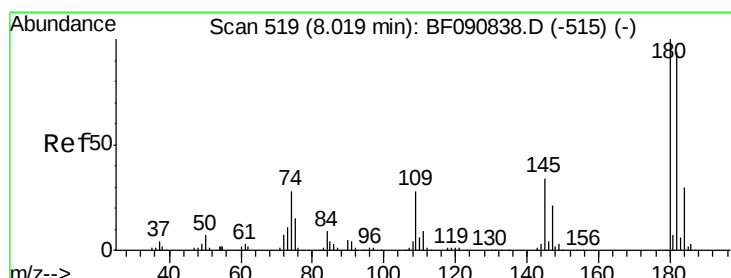
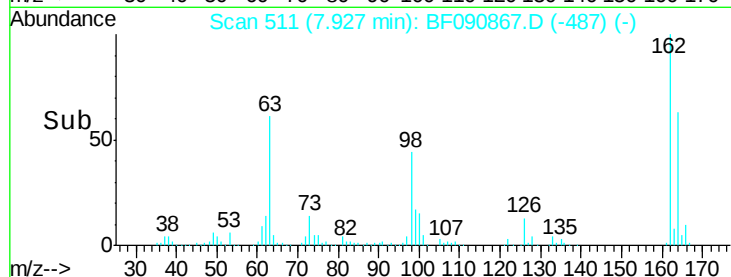
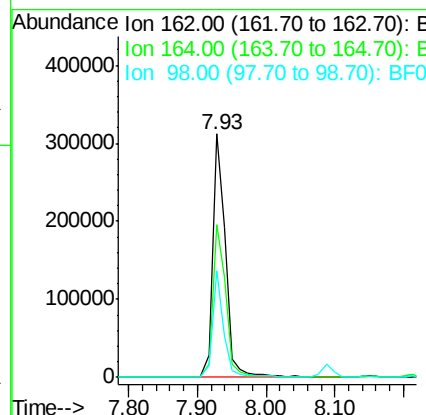
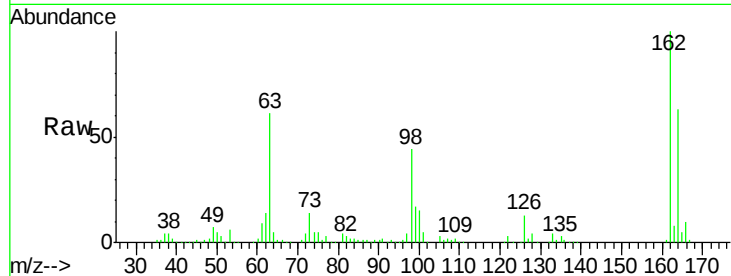
#29
 2,4-Dichlorophenol
 Concen: 40.98 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		405440		
164	62.6	44.9	84.9		
98	43.8	13.0	53.0		

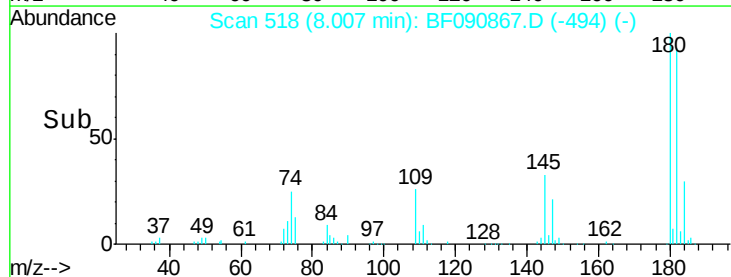
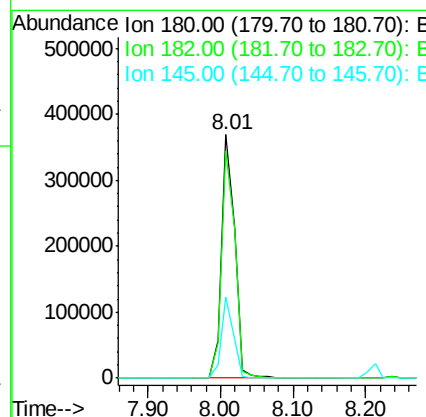
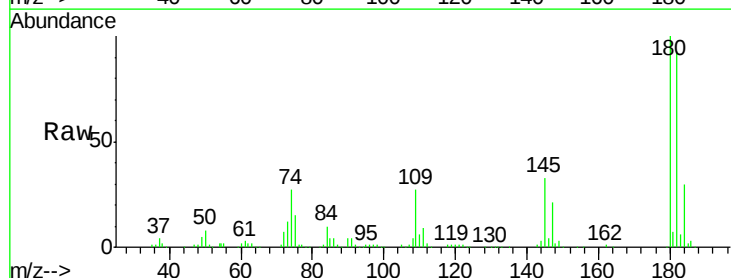
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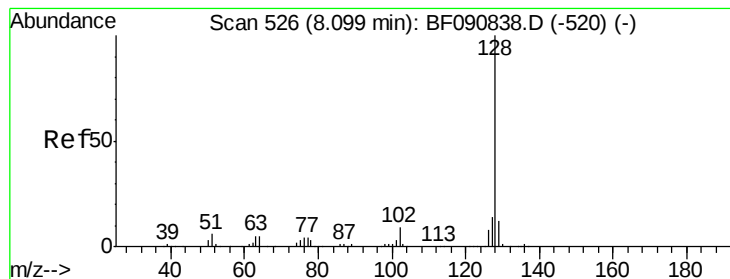
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.74 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		465773		
182	93.2	77.1	115.7		
145	33.2	23.3	34.9		





#31

Naphthalene

Concen: 39.37 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1403408

Ion Ratio Lower Upper

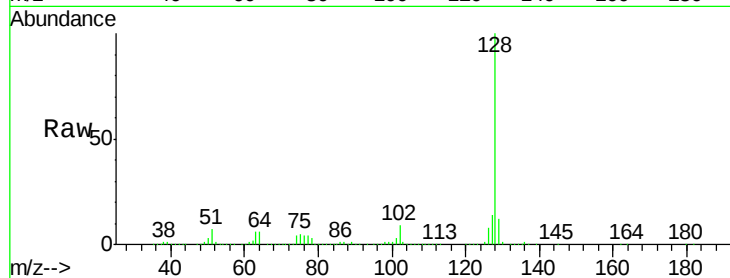
128 100

129 11.9 8.4 12.6

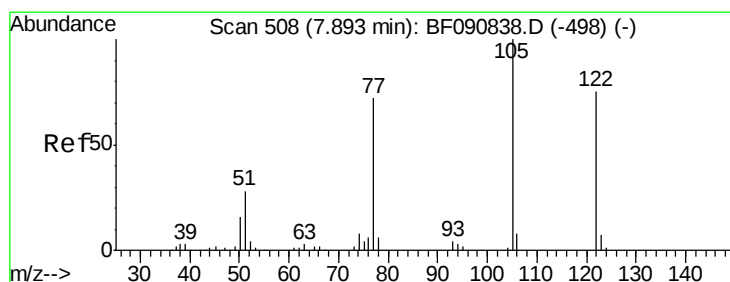
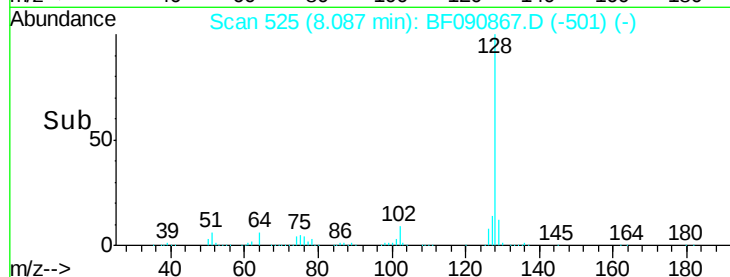
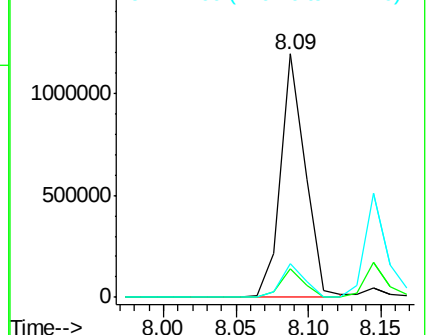
127 13.6 9.9 14.9

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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: 47.38 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

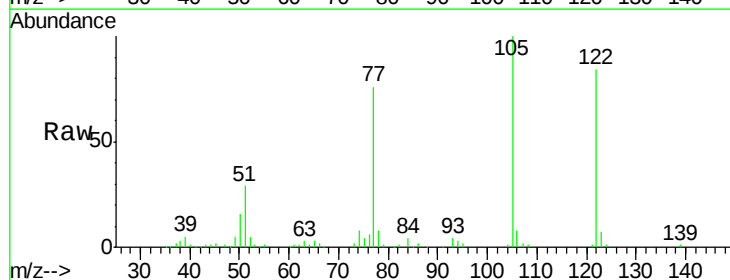
Tgt Ion:122 Resp: 367592

Ion Ratio Lower Upper

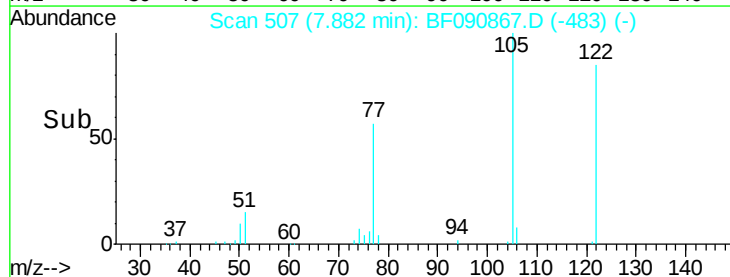
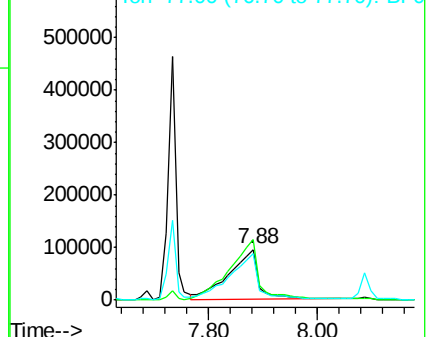
122 100

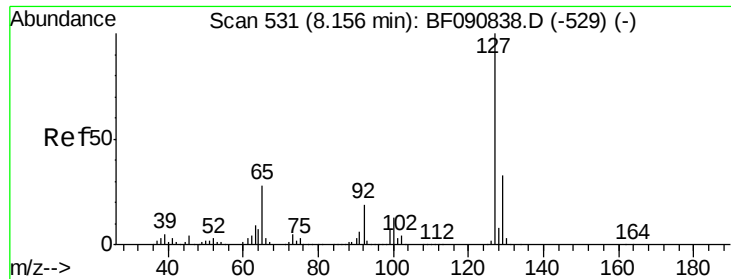
105 119.6 76.1 116.1#

77 90.4 40.5 80.5#



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





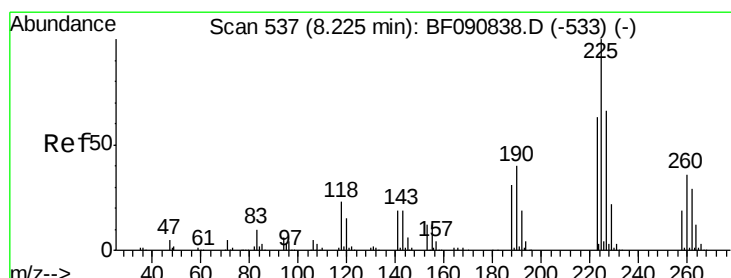
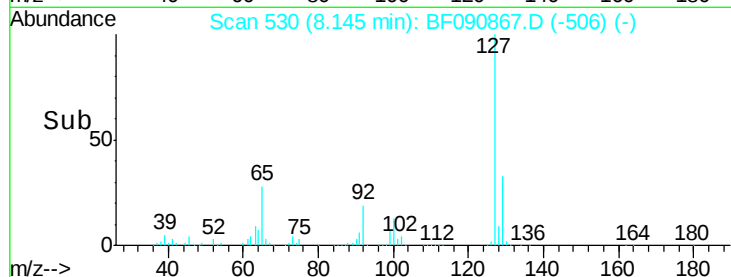
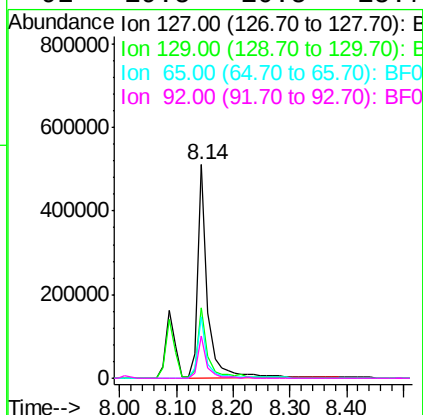
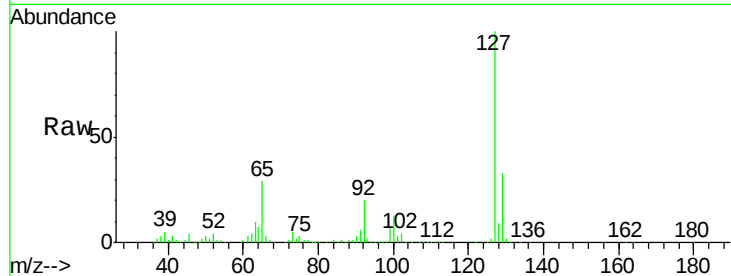
#33
4-Chloroaniline
Concen: 41.61 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.8	38.6	
65	28.7	17.9	26.9	
92	19.5	10.5	15.7	

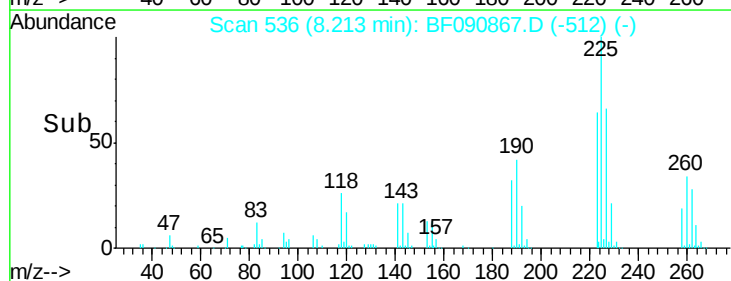
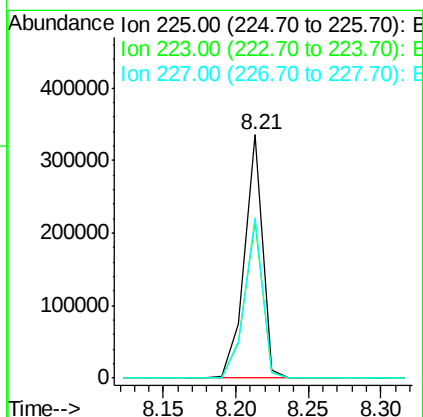
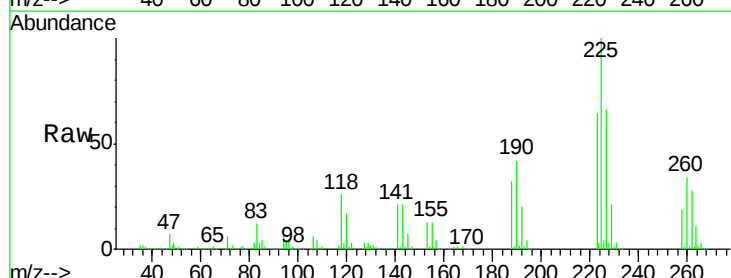
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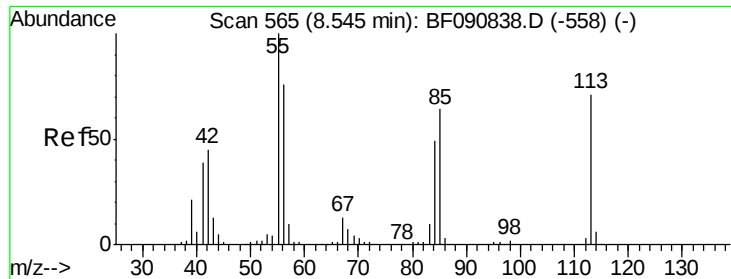
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#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	50.2	75.2	
227	65.7	52.2	78.2	





#35

Caprolactam

Concen: 47.51 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

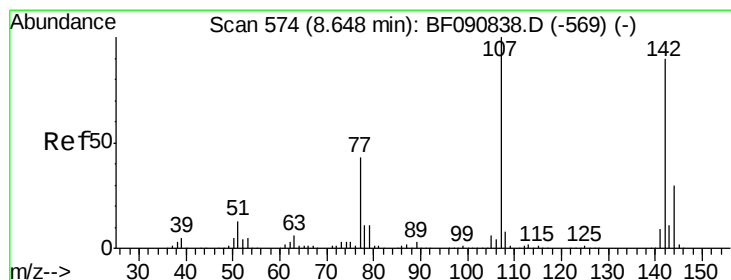
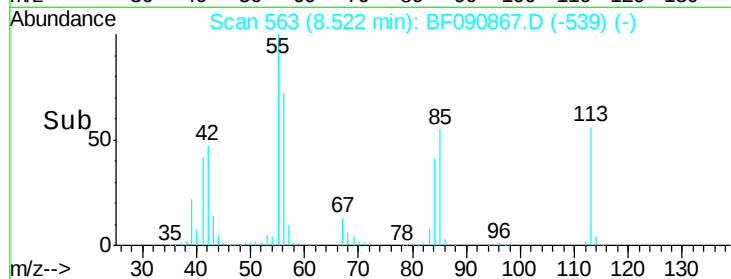
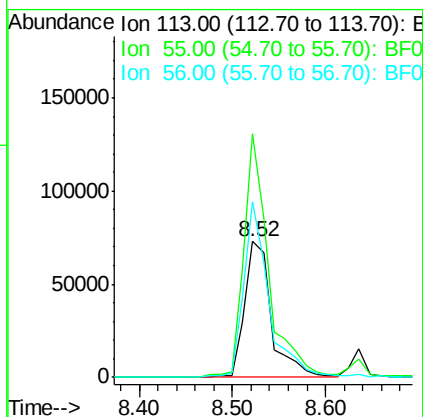
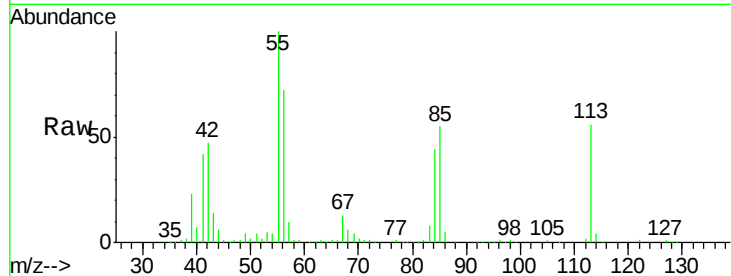
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		145914		
55	179.5	152.4	192.4		
56	130.0	104.6	144.6		

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.77 ng m

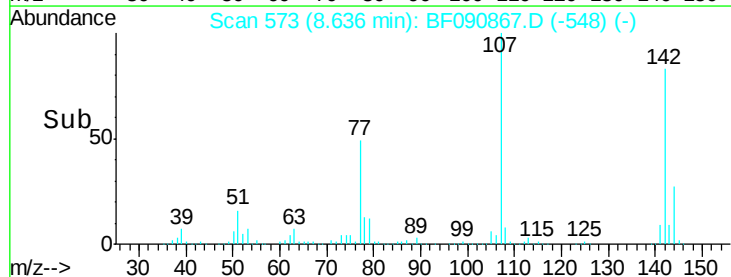
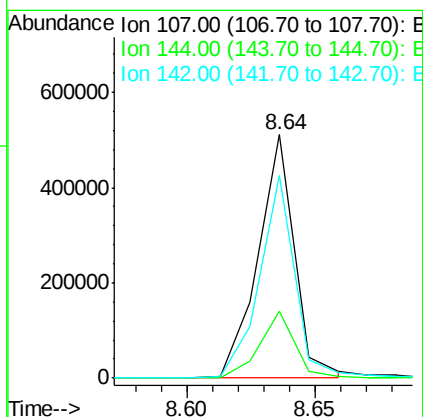
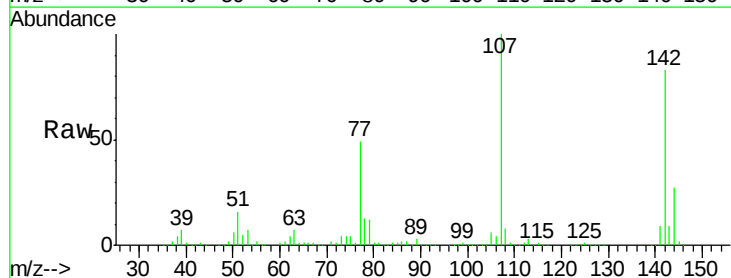
RT: 8.64 min Scan# 573

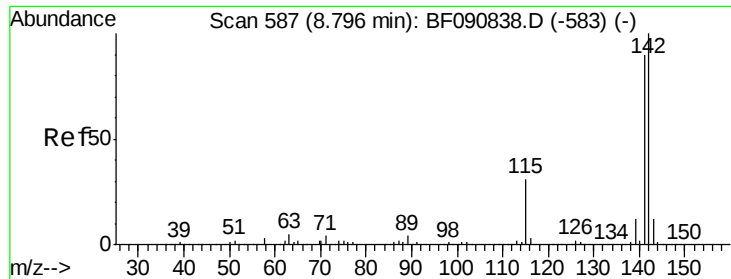
Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		503218		
144	27.3	25.4	38.0		
142	83.4	77.3	115.9		





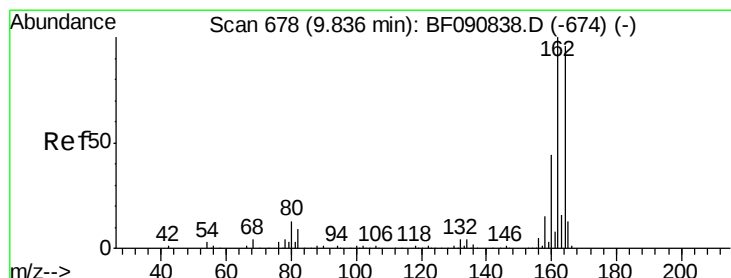
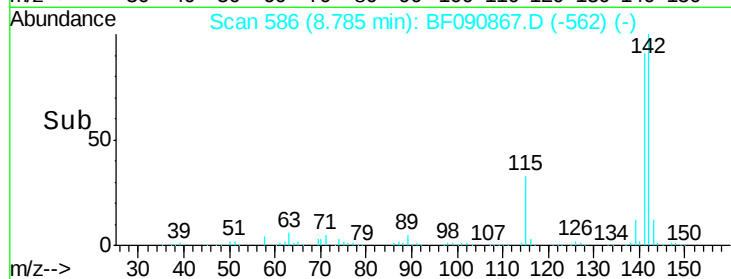
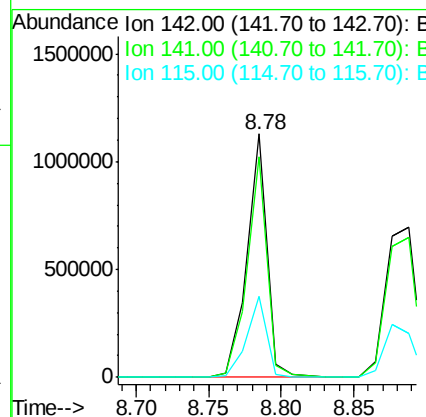
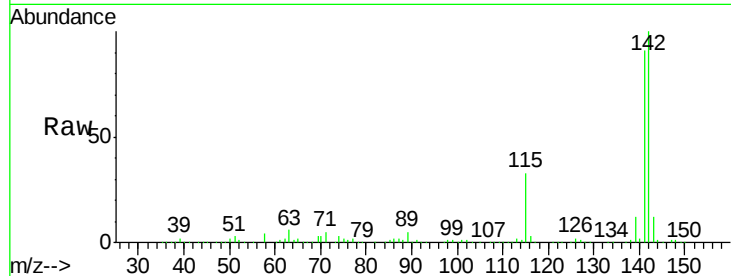
#37
2-Methylnaphthalene
Concen: 47.04 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.5	101.3
115	33.3	18.2	27.2

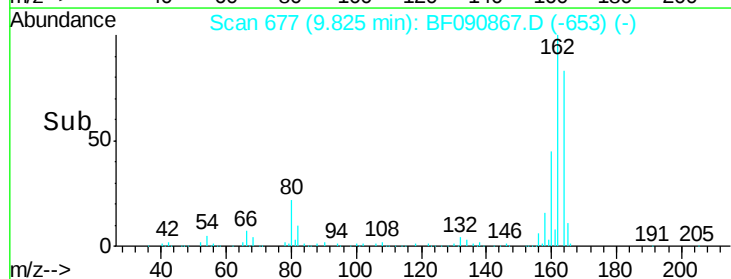
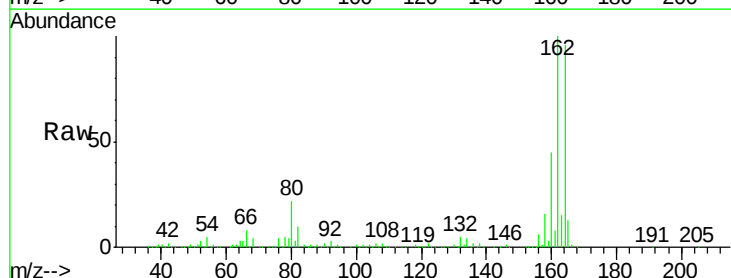
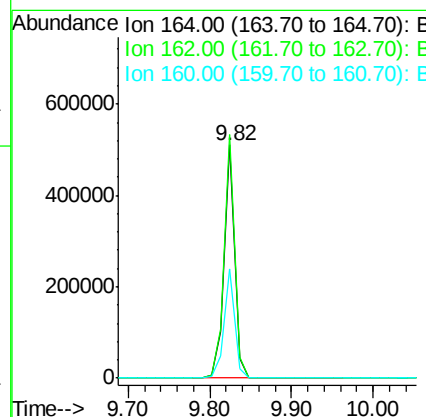
Manual Integrations
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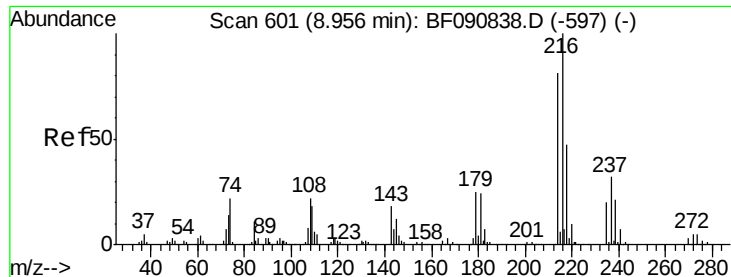
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	47.1	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.84 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

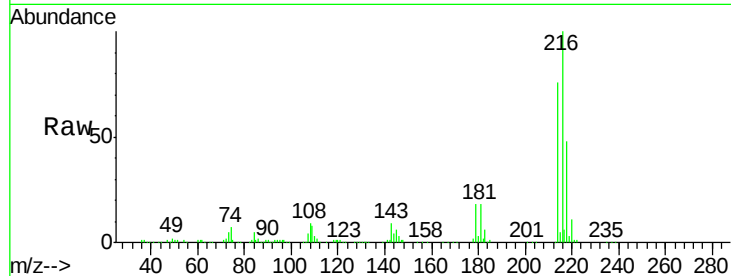
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	476475
Ion Ratio		Lower	Upper
216	100		
214	77.7	63.5	95.3
179	21.8	16.6	24.8
108	18.7	16.3	24.5

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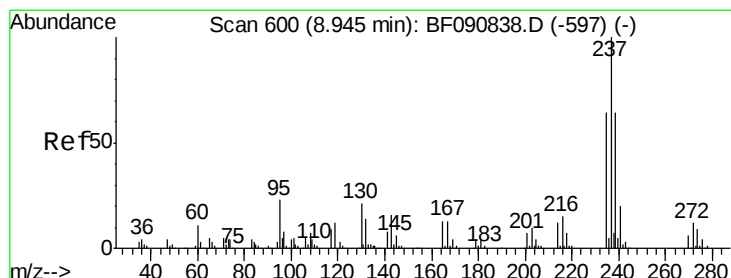
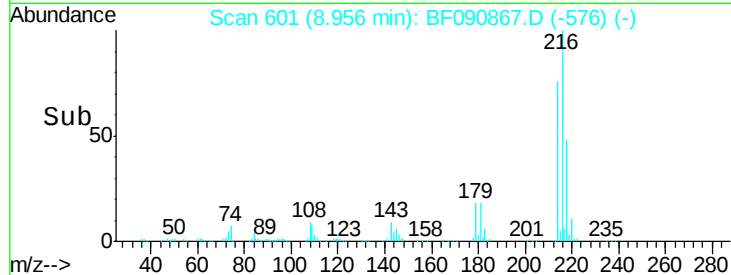
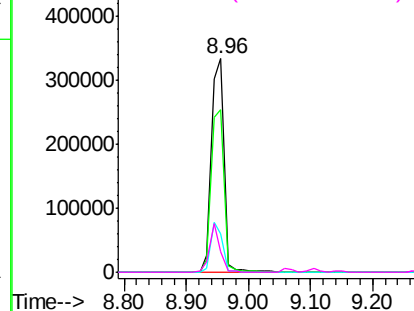
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.31 ng

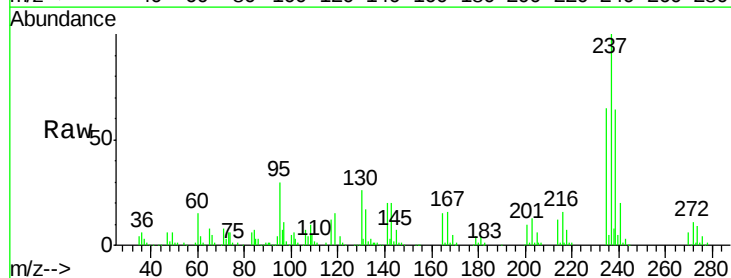
RT: 8.93 min Scan# 599

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:	237	Resp:	210347
Ion Ratio		Lower	Upper
237	100		
235	65.0	42.0	82.0
272	11.4	0.0	36.1

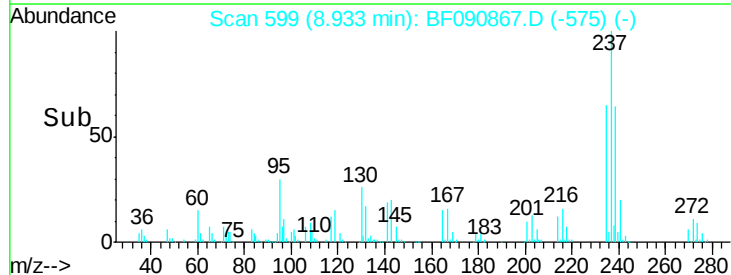
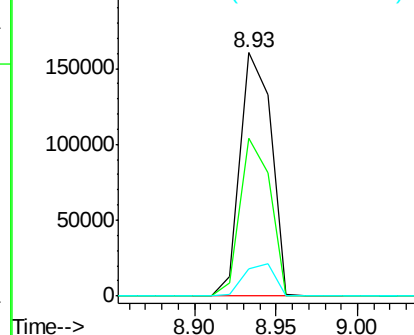


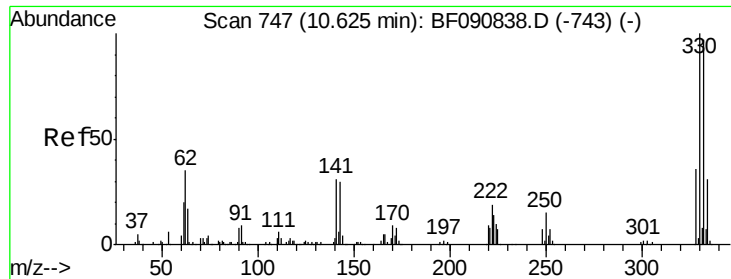
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





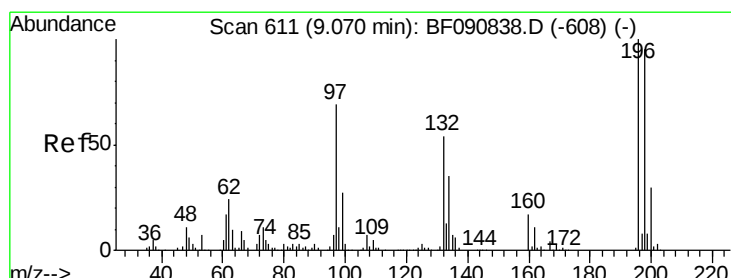
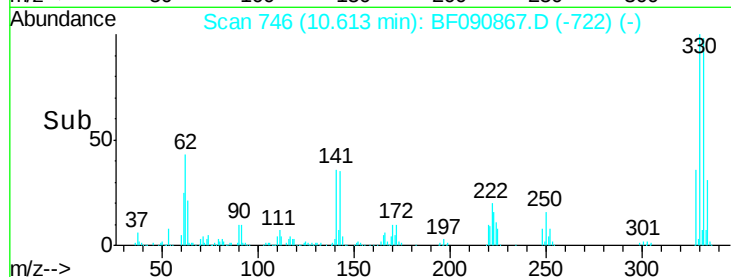
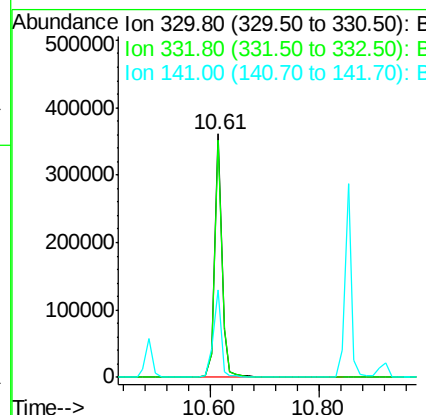
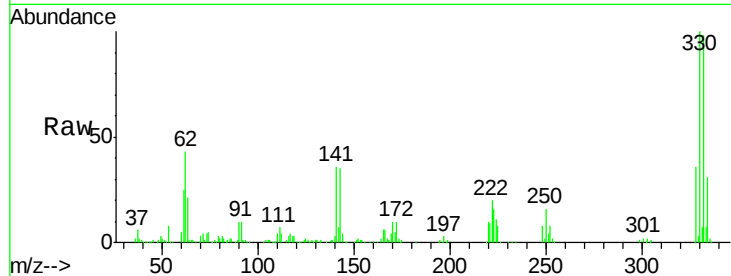
#41
 2,4,6-Tribromophenol
 Concen: 71.55 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	337498		
332	97.9	76.6	114.8	
141	38.3	29.7	44.5	

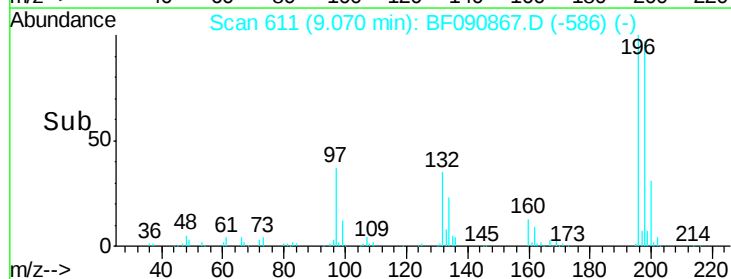
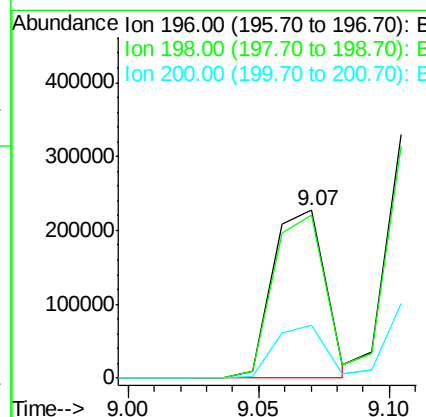
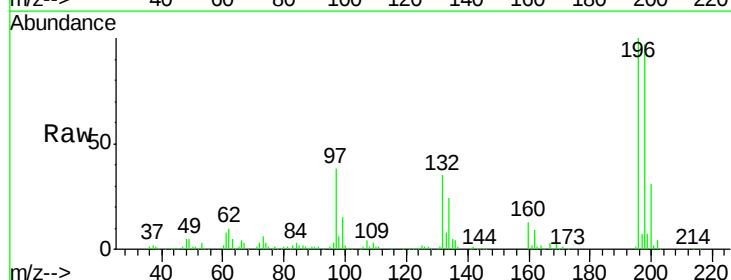
Manual Integrations
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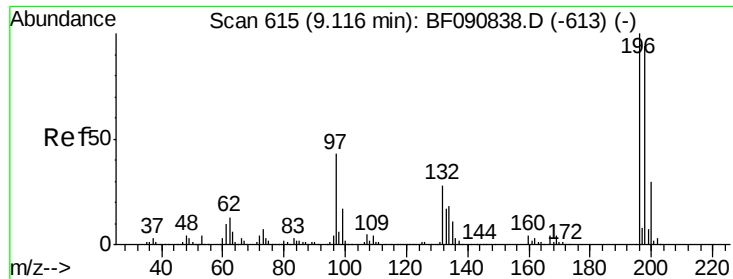
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#42
 2,4,6-Trichlorophenol
 Concen: 38.97 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316785		
198	97.3	75.7	113.5	
200	31.5	23.9	35.9	





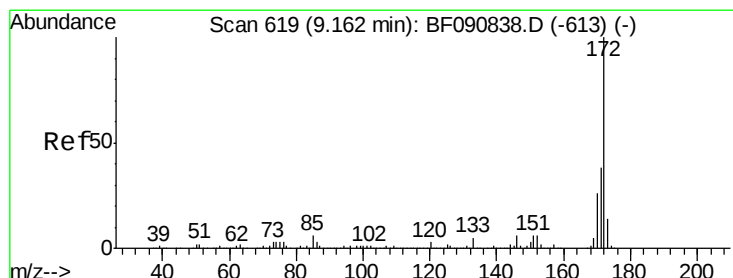
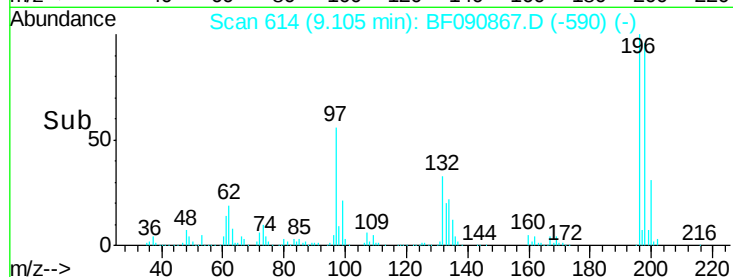
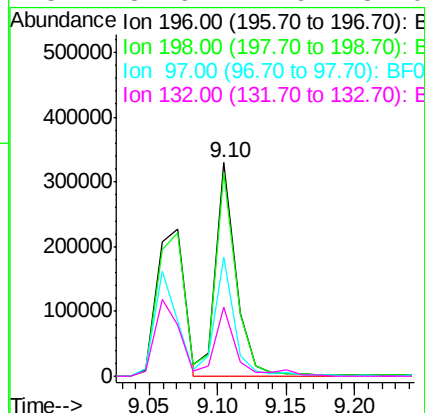
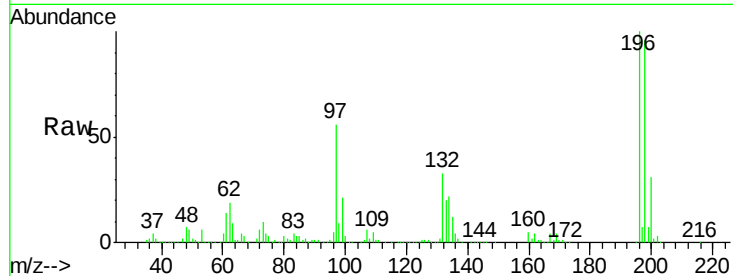
#43
2,4,5-Trichlorophenol
Concen: 40.83 ng/ml
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	196	Resp:	341859
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.4	113.0
97	55.8	33.3	49.9
132	32.6	24.6	37.0

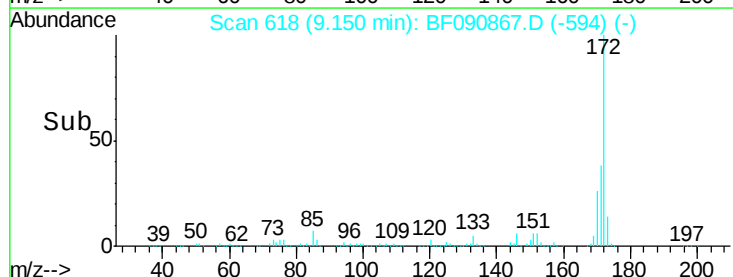
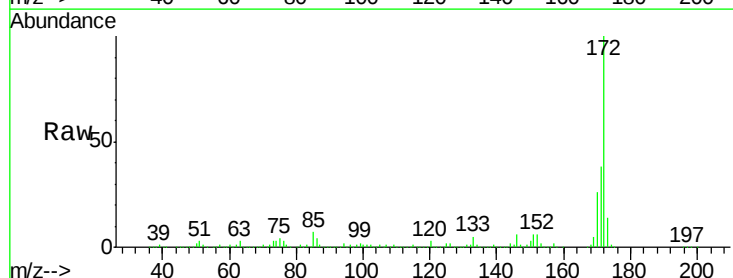
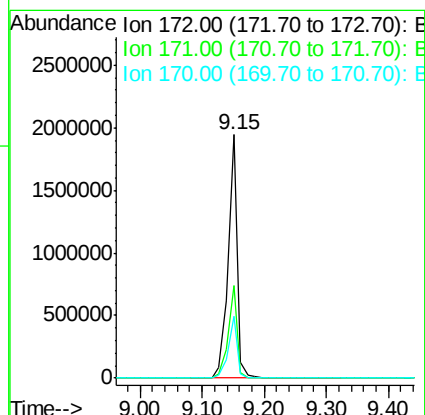
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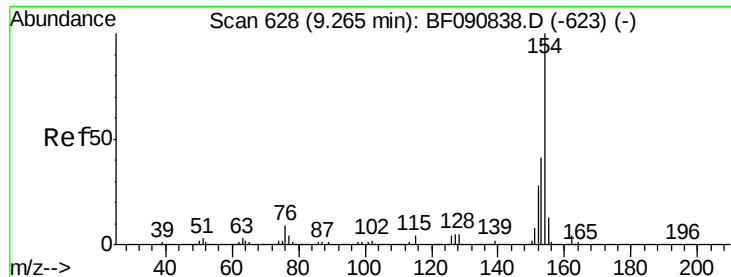
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#44
2-Fluorobiphenyl
Concen: 74.60 ng/ml
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion:	172	Resp:	1950027
Ion Ratio	Lower	Upper	
172	100		
171	37.8	26.1	39.1
170	25.5	17.4	26.2





#45

1,1'-Biphenyl

Concen: 38.87 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1285024

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

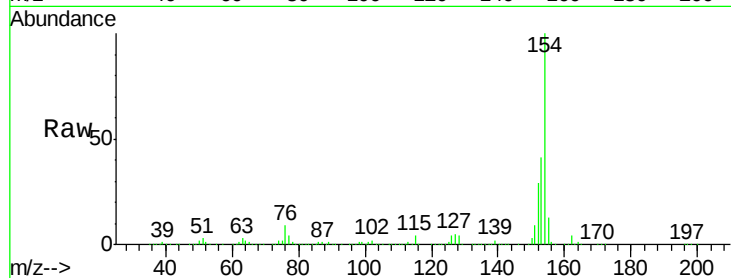
76 9.2 0.0 31.6

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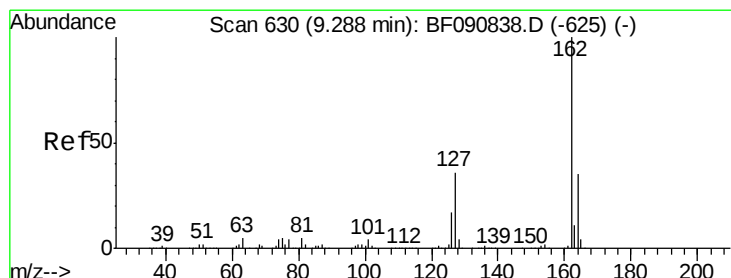
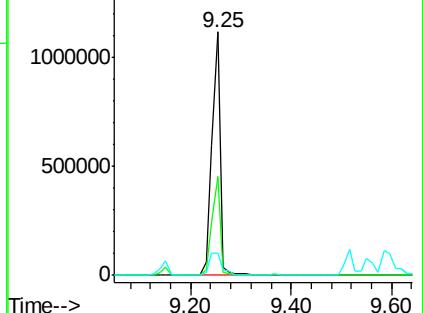
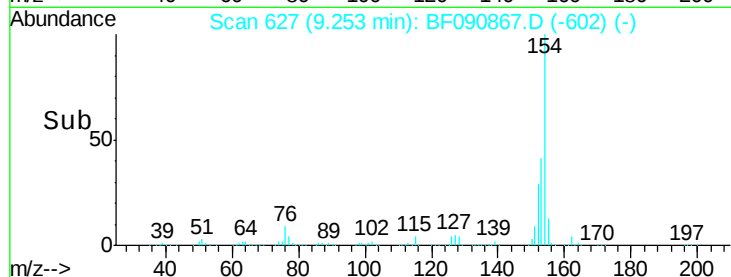
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.02 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

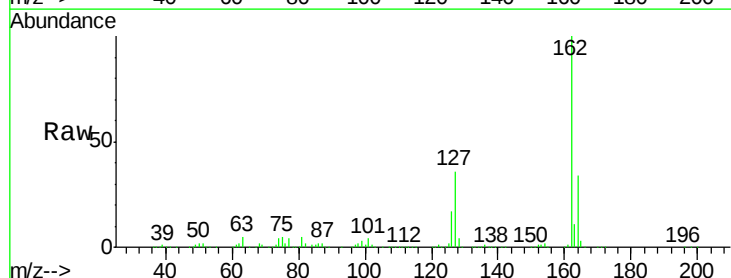
Tgt Ion:162 Resp: 981453

Ion Ratio Lower Upper

162 100

127 35.9 27.6 41.4

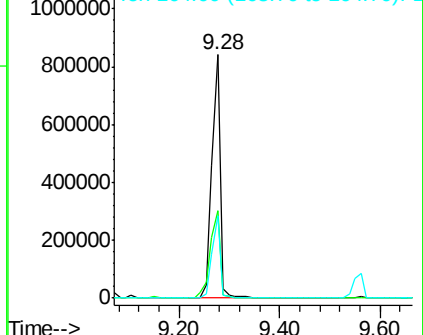
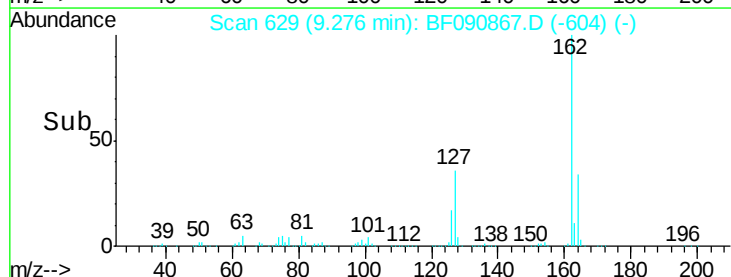
164 33.6 25.4 38.2

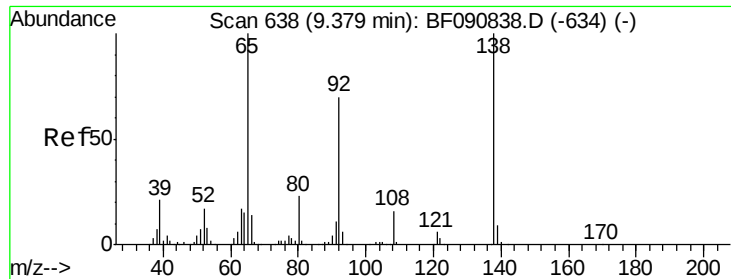


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





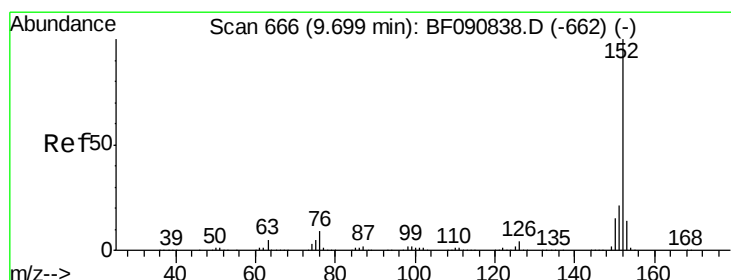
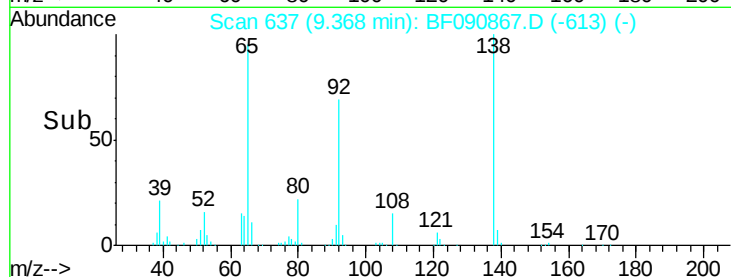
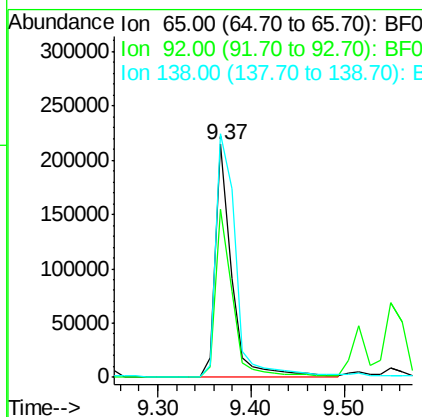
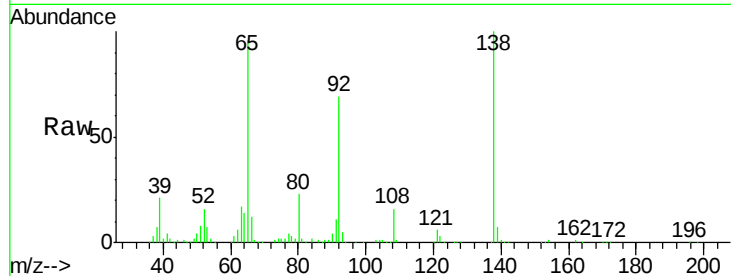
#47
2-Nitroaniline
Concen: 36.95 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.4	83.0
138	104.3	115.5	173.3

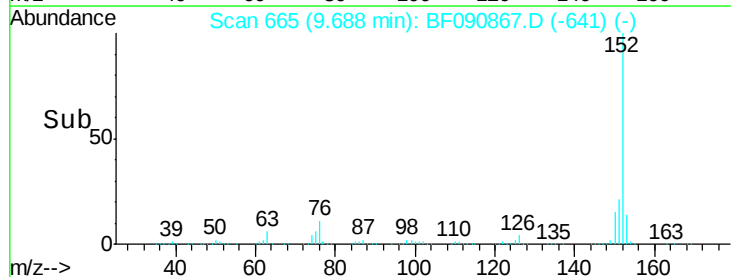
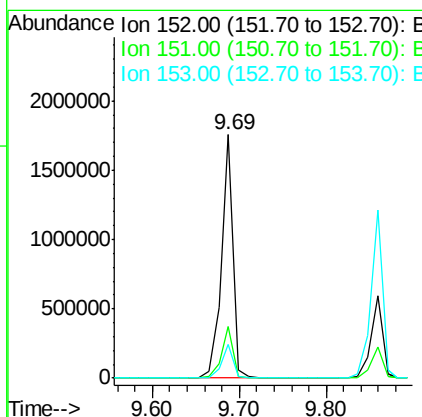
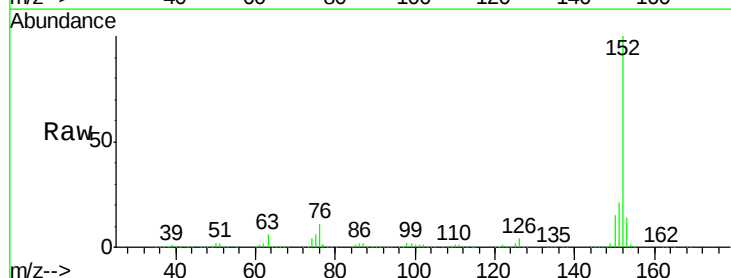
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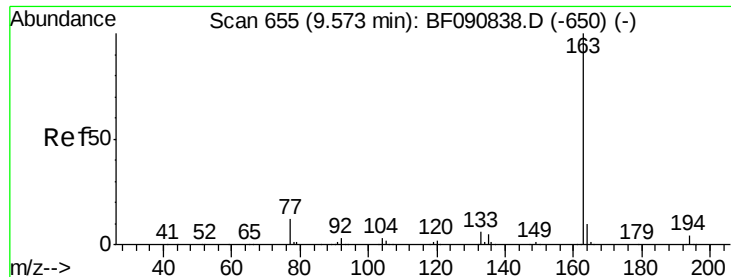
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#48
Acenaphthylene
Concen: 43.30 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	14.6	22.0
153	14.0	10.3	15.5





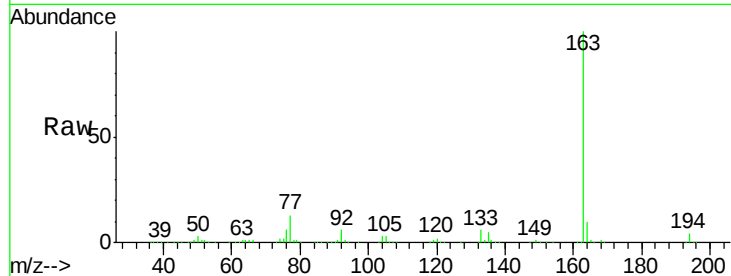
#49
Dimethylphthalate
Concen: 37.66 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

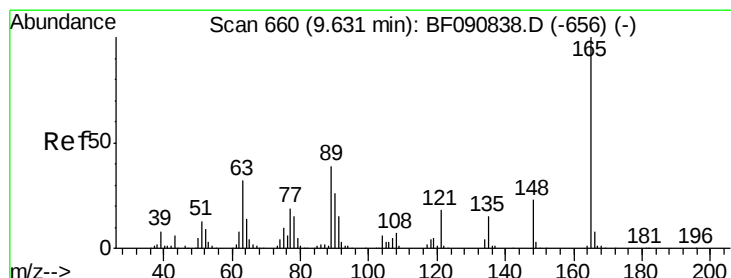
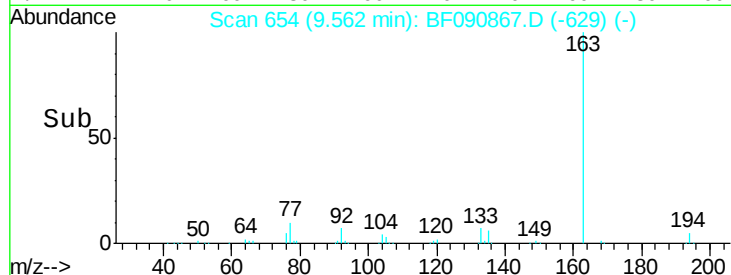
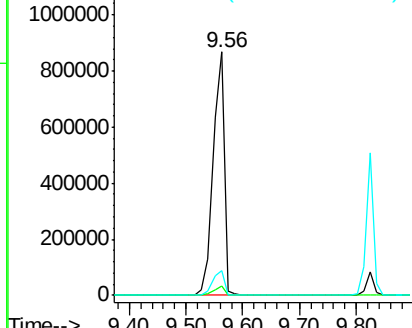
Tot Ion:163 Resp: 1154982
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.0 8.3 12.5

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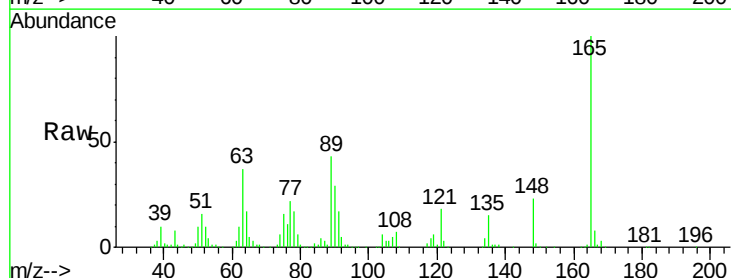


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

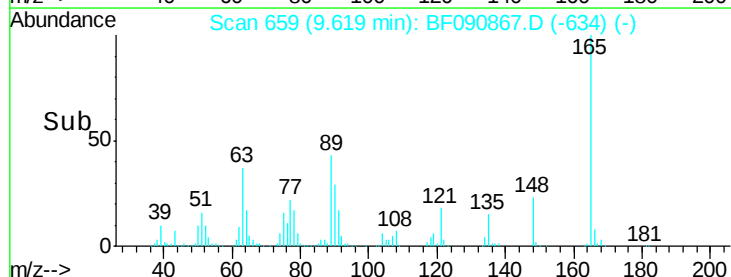
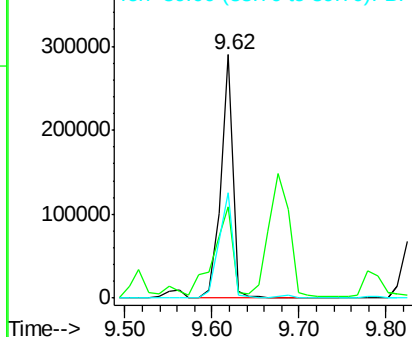


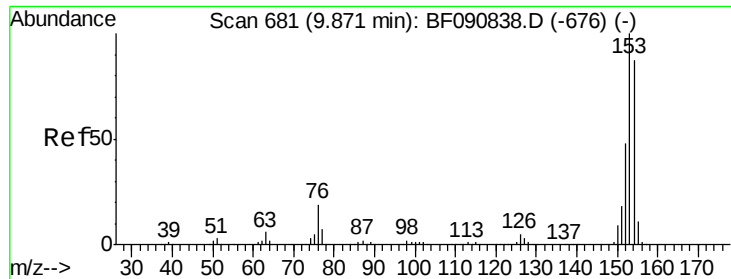
#50
2,6-Dinitrotoluene
Concen: 42.39 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion:165 Resp: 287082
Ion Ratio Lower Upper
165 100
63 37.4 32.3 48.5
89 43.1 28.6 43.0#



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





#51

Acenaphthene

Concen: 40.48 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1061650

Ion Ratio Lower Upper

154 100

153 114.3 82.1 123.1

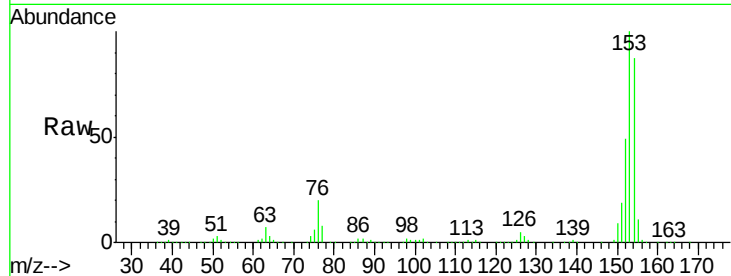
152 56.5 37.9 56.9

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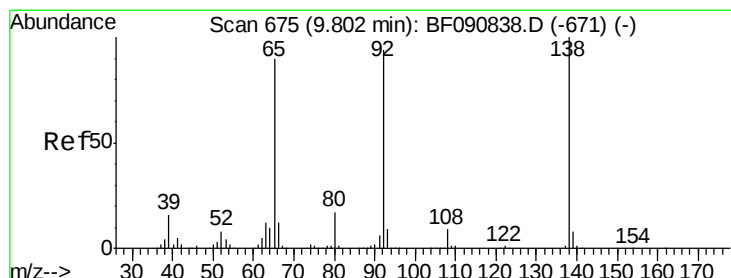
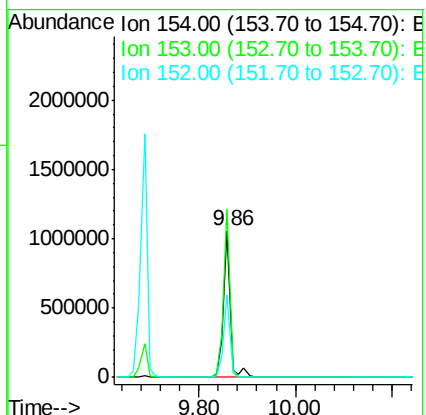
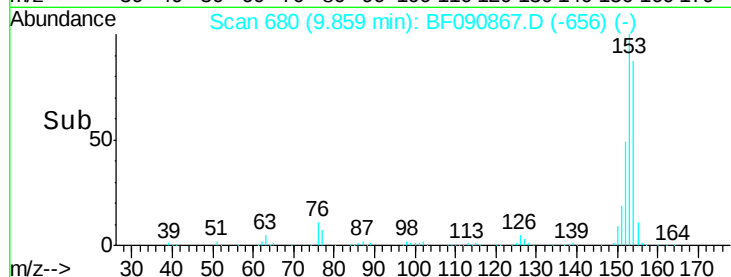
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.29 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

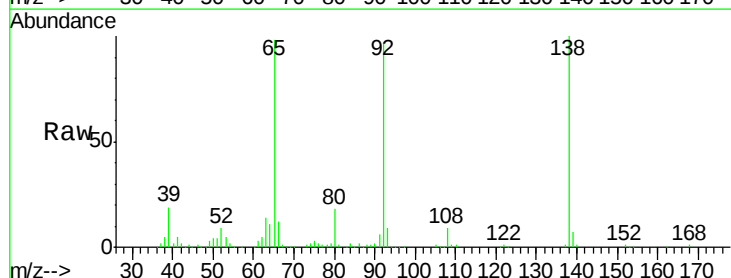
Tgt Ion:138 Resp: 290496

Ion Ratio Lower Upper

138 100

108 9.1 5.7 8.5#

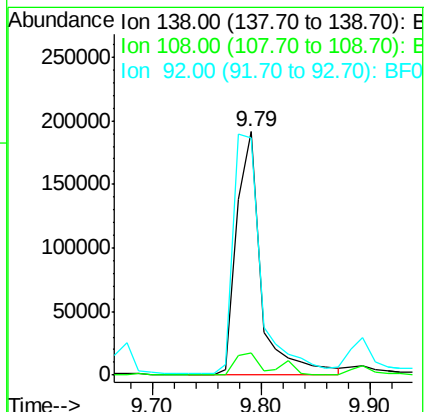
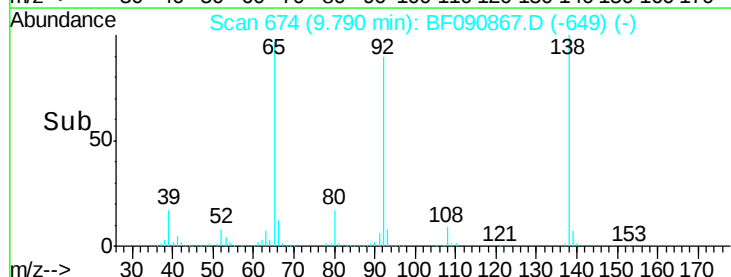
92 97.5 67.7 101.5

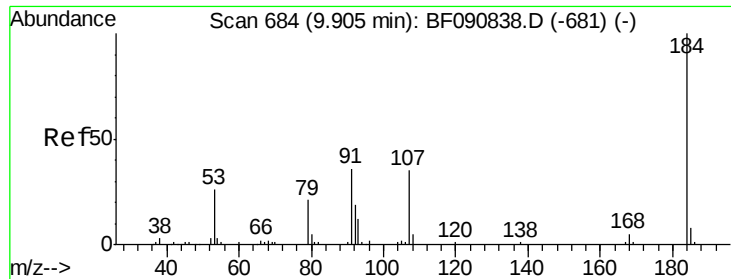


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





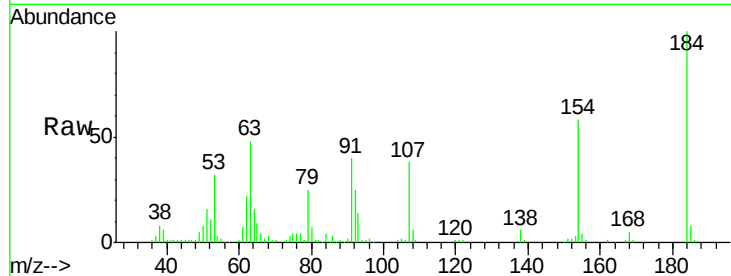
#53
2,4-Dinitrophenol
Concen: 39.68 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

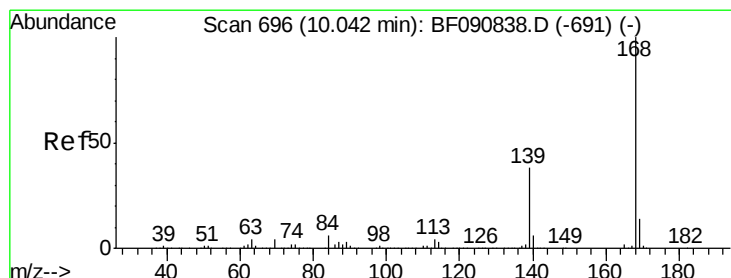
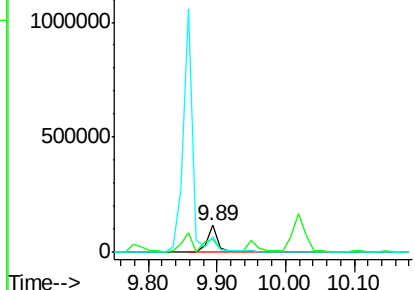
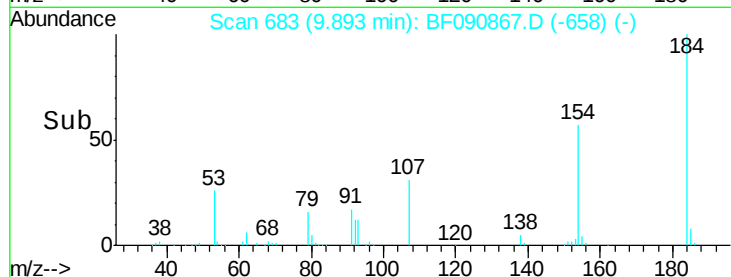
Tot Ion	Ratio	Resp	Lower	Upper
184	100	141469		
63	48.0	35.4	53.2	
154	57.6	32.2	48.4	

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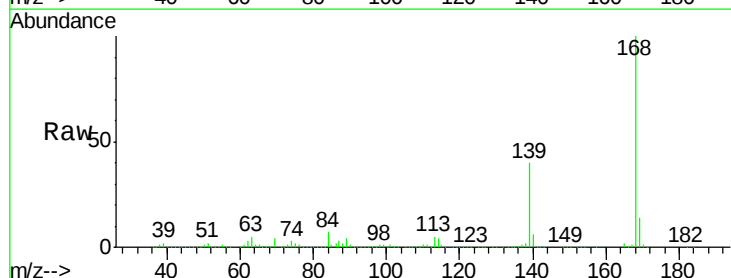


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

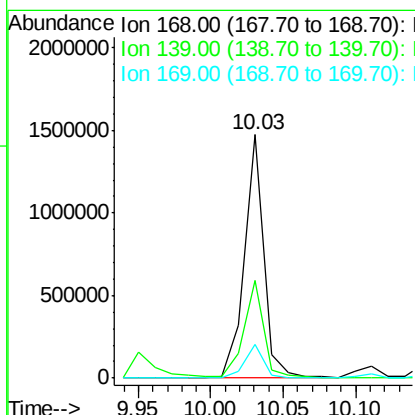
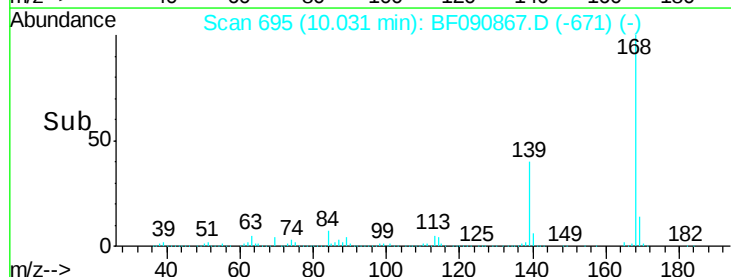


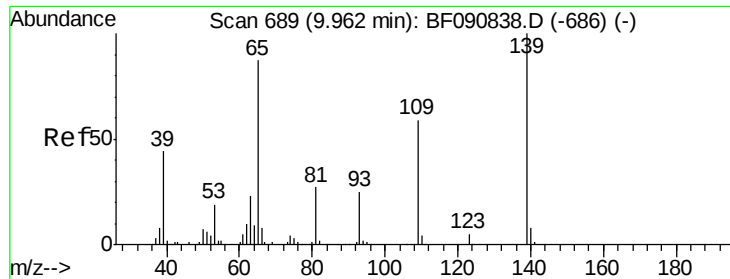
#54
Dibenzofuran
Concen: 40.60 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1374195		
139	40.2	24.2	36.2	
169	14.1	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.77 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

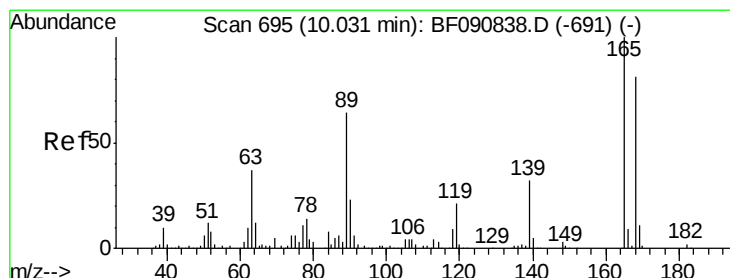
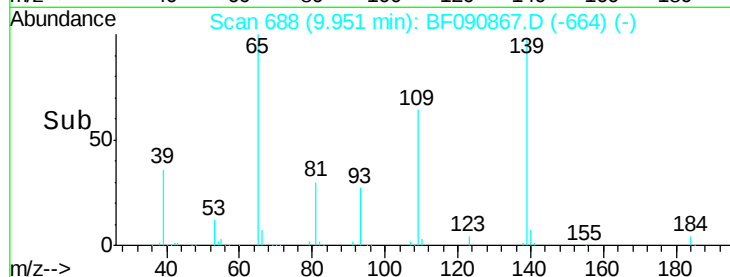
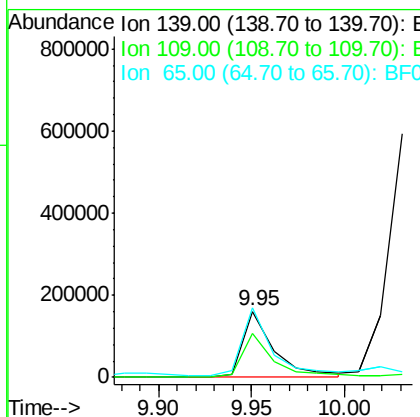
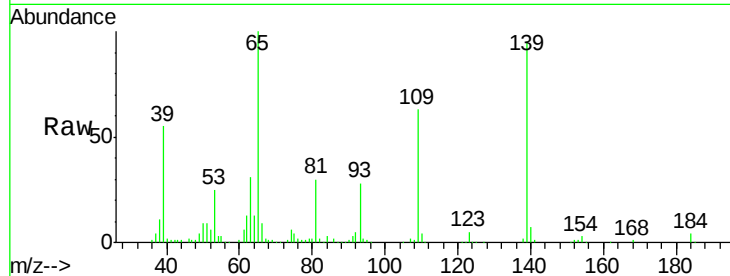
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	188050
Ion Ratio	Lower	Upper	
139	100		
109	66.2	12.7	52.7#
65	105.5	45.9	85.9#

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#56

2,4-Dinitrotoluene

Concen: 42.01 ng

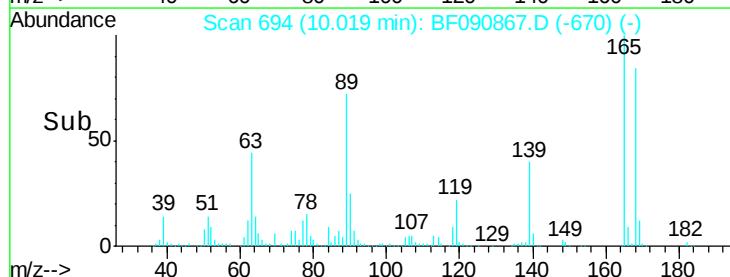
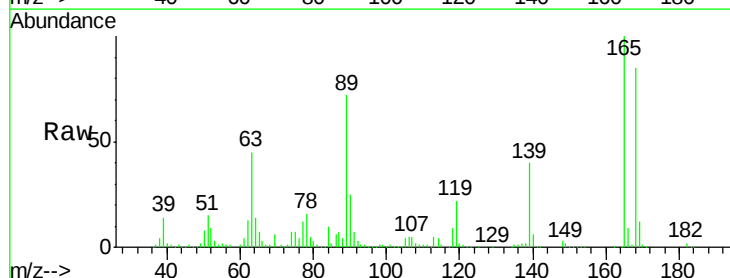
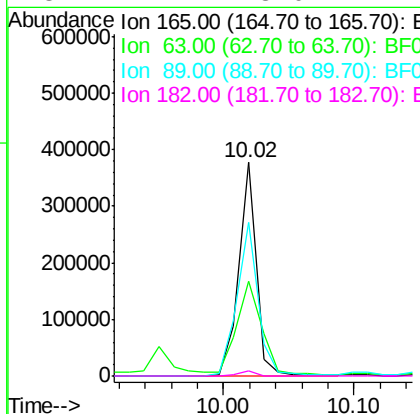
RT: 10.02 min Scan# 694

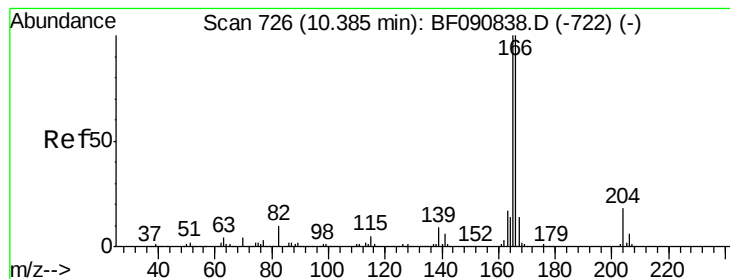
Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:	165	Resp:	353426
Ion Ratio	Lower	Upper	
165	100		
63	44.5	29.8	44.6
89	71.9	44.5	66.7#
182	2.2	3.0	4.4#





#57

Fluorene

Concen: 41.27 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1144134

Ion Ratio Lower Upper

166 100

165 99.4 72.6 109.0

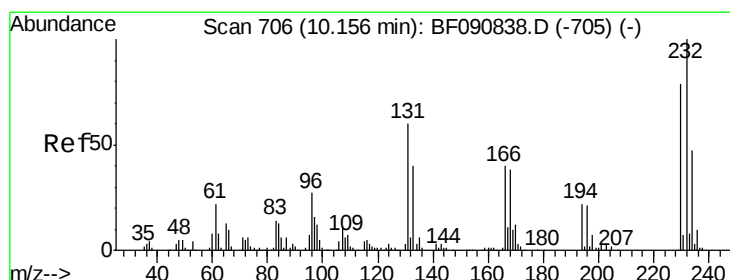
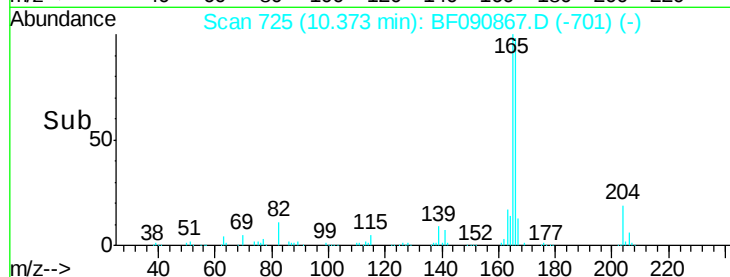
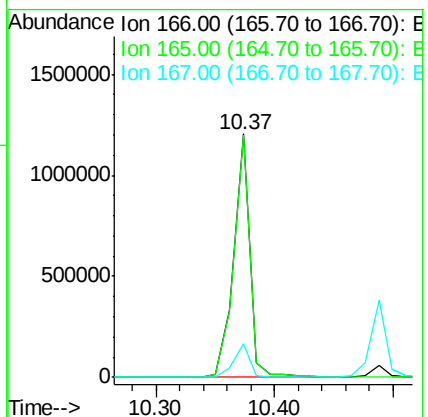
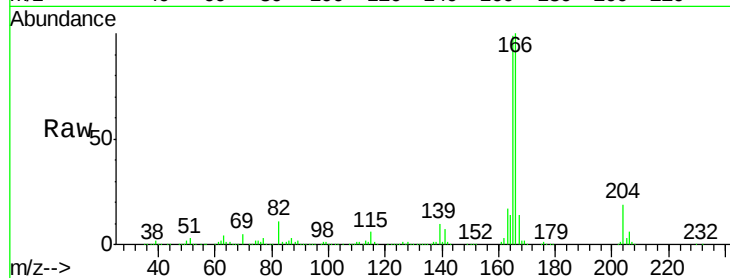
167 13.8 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.91 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:232 Resp: 268491

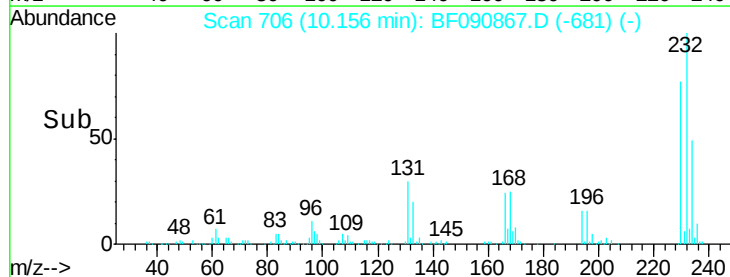
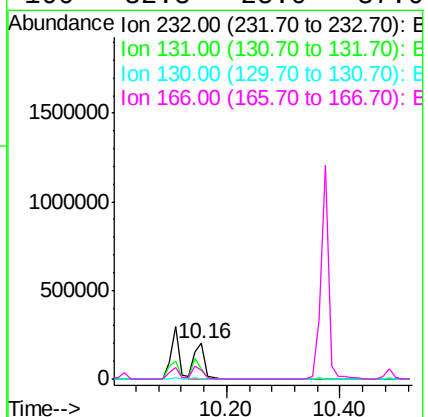
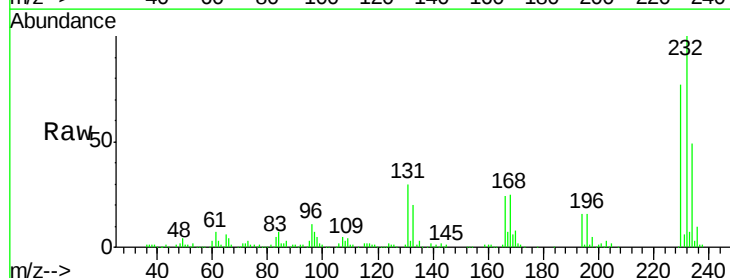
Ion Ratio Lower Upper

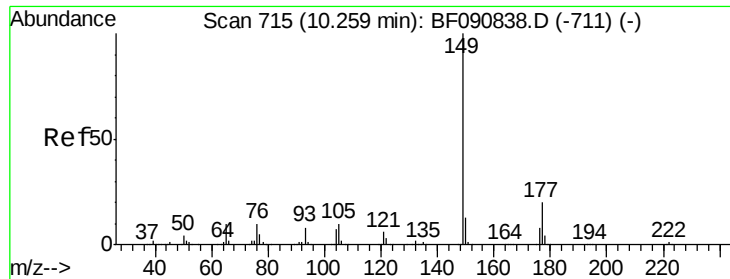
232 100

131 50.8 38.5 57.7

130 2.2 1.8 2.6

166 32.8 25.0 37.6





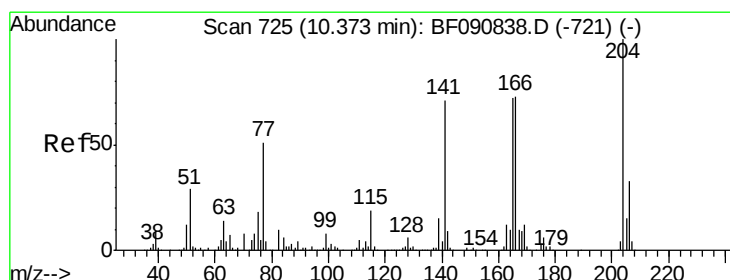
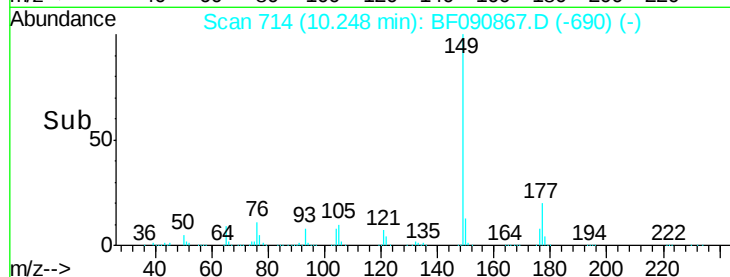
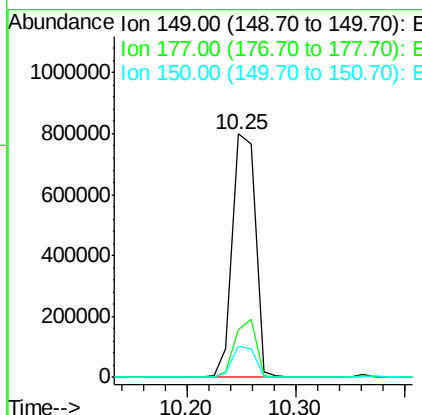
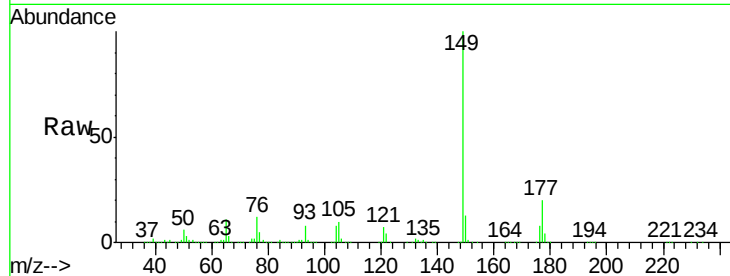
#59
Diethylphthalate
Concen: 38.14 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1161839
Ion Ratio Lower Upper
149 100
177 19.5 17.5 26.3
150 12.8 9.4 14.2

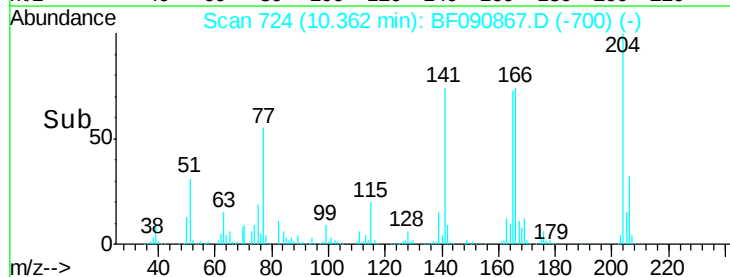
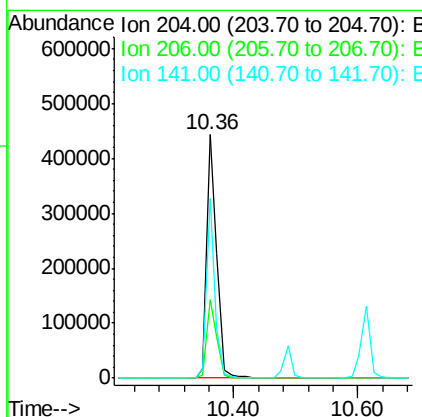
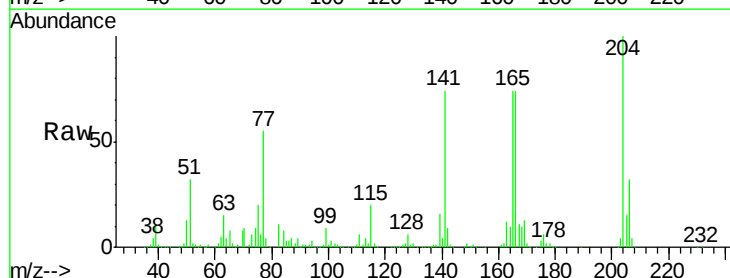
Manual Integrations
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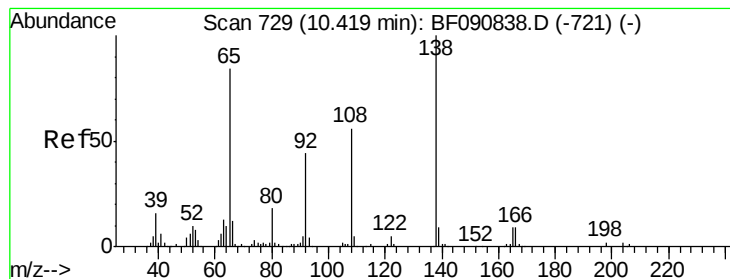
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 36.45 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion:204 Resp: 493191
Ion Ratio Lower Upper
204 100
206 32.4 24.8 37.2
141 73.7 42.2 63.4#





#61

4-Nitroaniline

Concen: 43.12 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 138 Resp: 307963

Ion Ratio Lower Upper

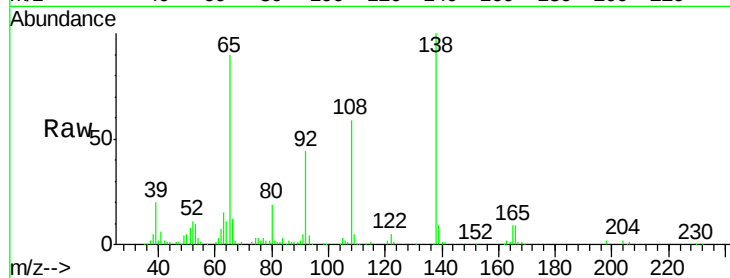
138 100

92 44.3 12.6 52.6

108 59.0 12.4 52.4#

Manual Integrations
APPROVED

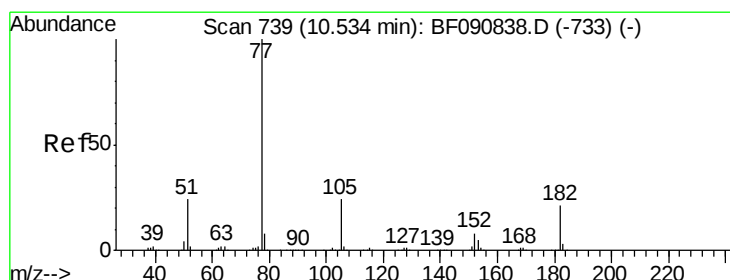
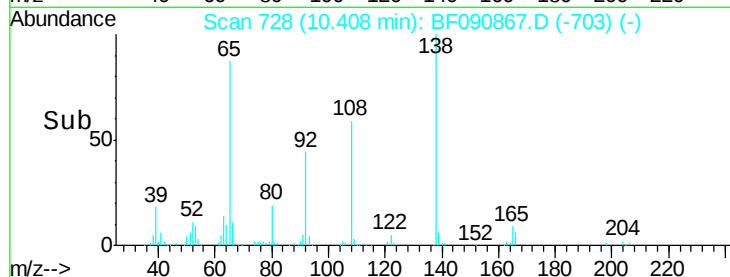
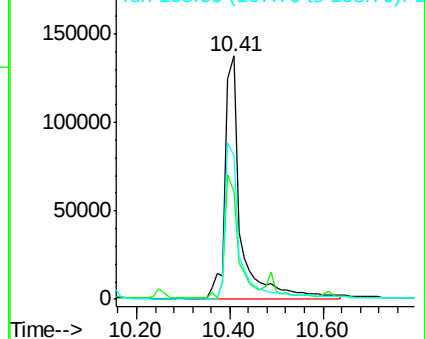
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.10 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion: 77 Resp: 1231091

Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 22.8 3.4 43.4

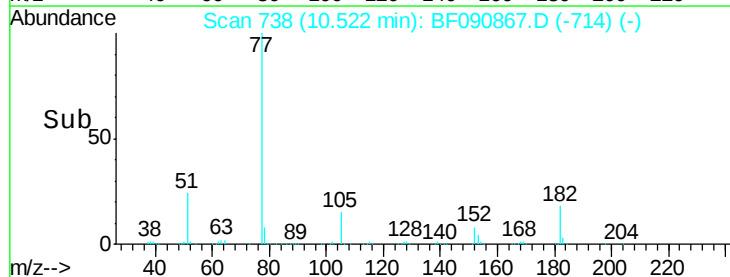
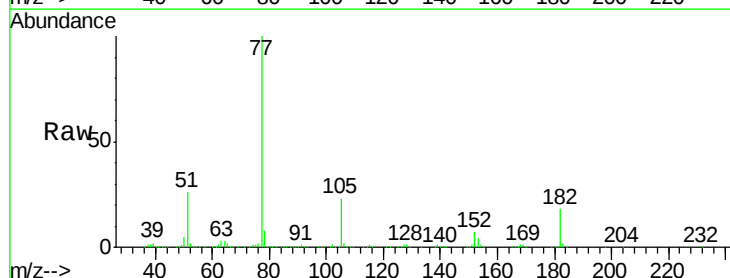
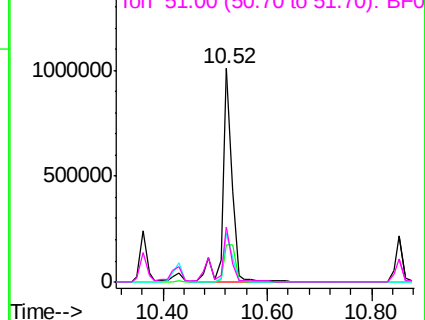
51 25.6 12.0 52.0

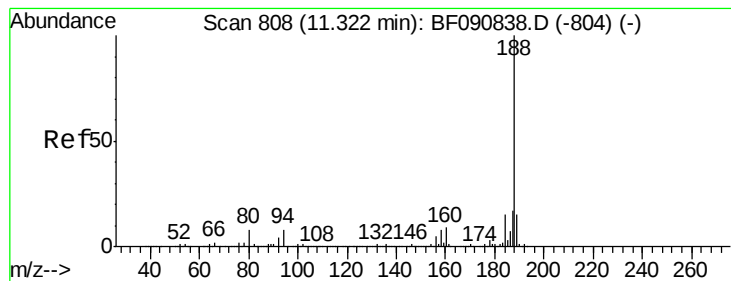
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 722815

Ion Ratio Lower Upper

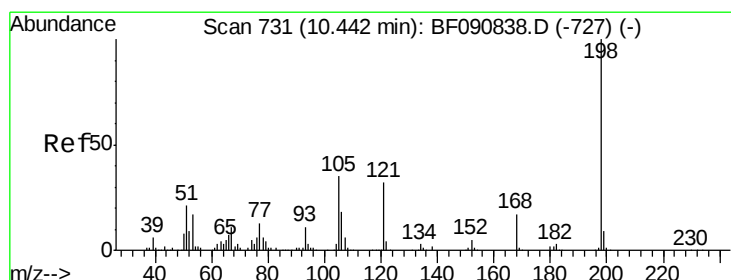
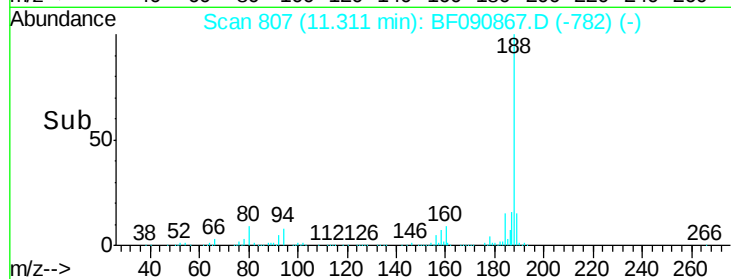
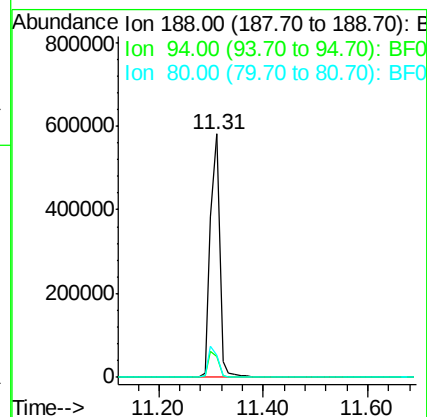
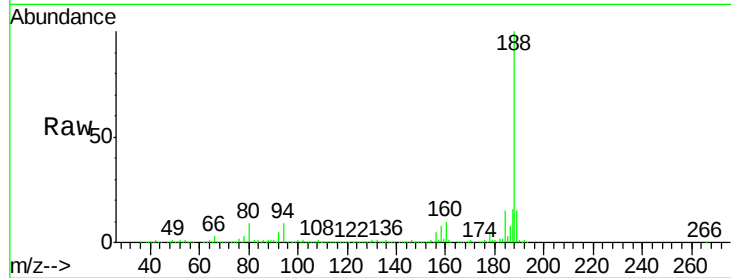
188 100

94 8.7 11.1 16.7#

80 9.0 11.0 16.4#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 45.59 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

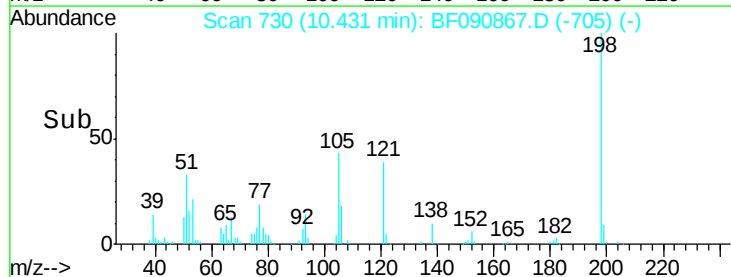
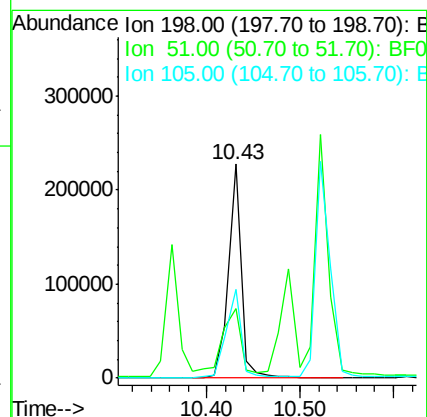
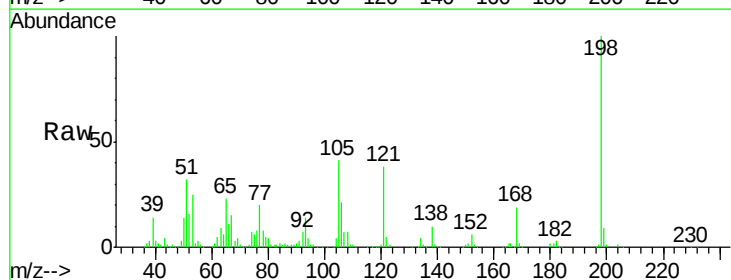
Tgt Ion:198 Resp: 218495

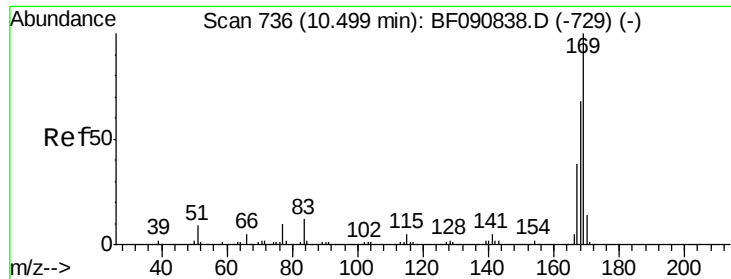
Ion Ratio Lower Upper

198 100

51 32.2 39.6 79.6#

105 41.2 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 42.57 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

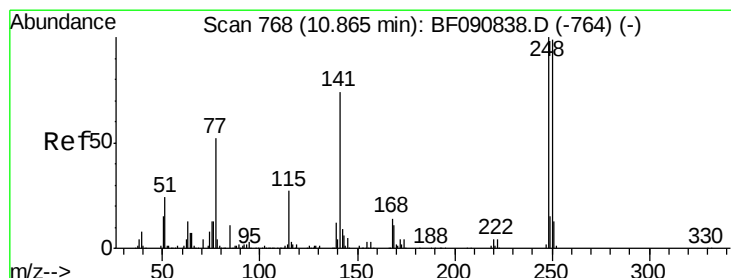
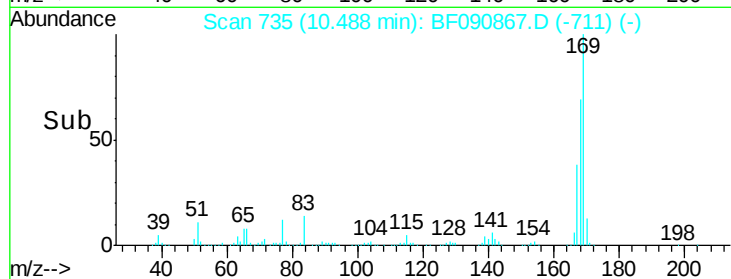
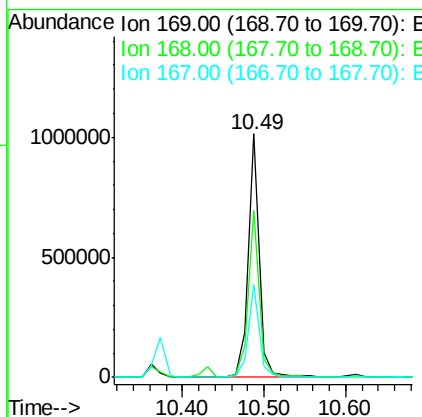
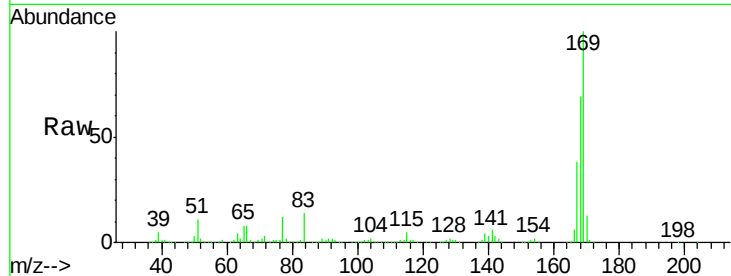
ClientSampled :

SSTDCCC040

Tot Ion:	169	Resp:	942439
Ion Ratio	Lower	Upper	
169	100		
168	68.8	48.9	73.3
167	37.8	26.2	39.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 38.89 ng

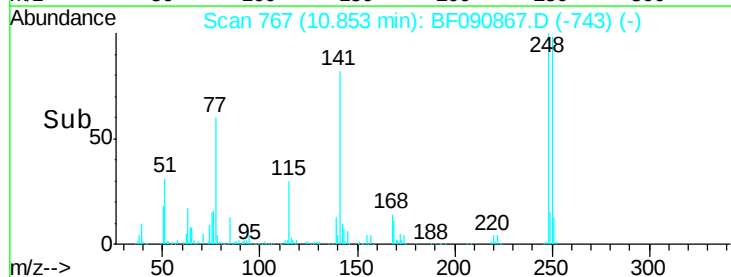
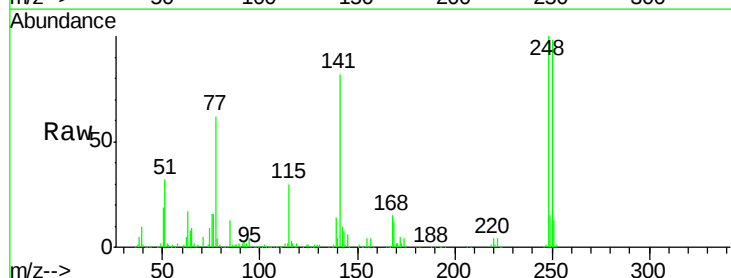
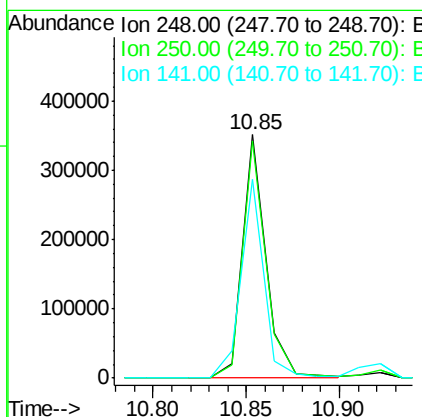
RT: 10.85 min Scan# 767

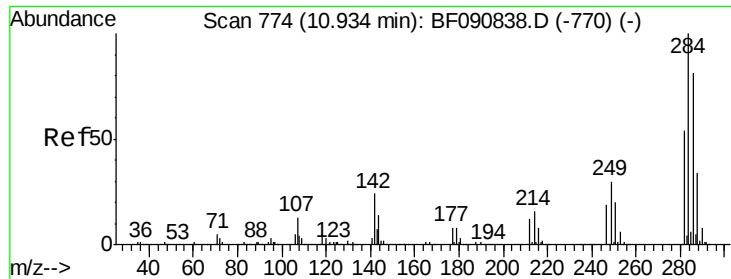
Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:	248	Resp:	307836
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.5	117.7
141	81.9	59.0	88.6





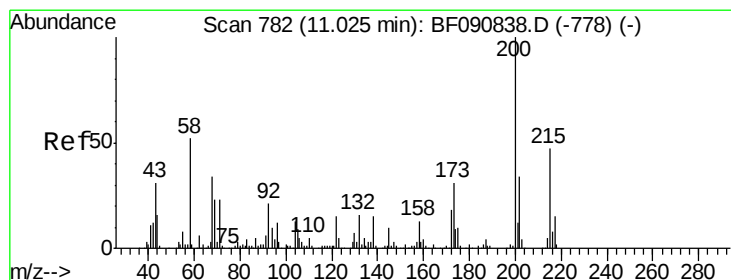
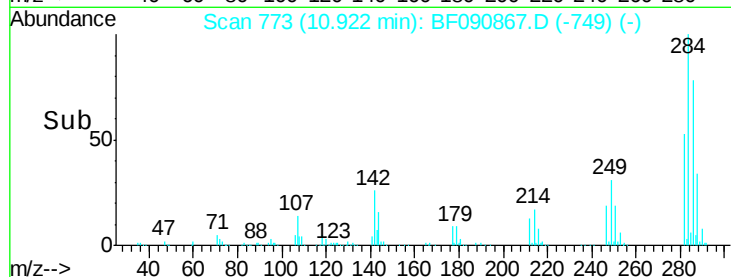
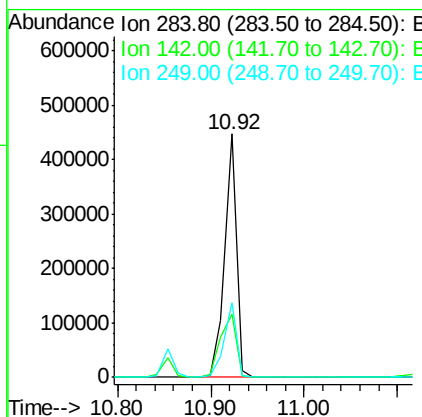
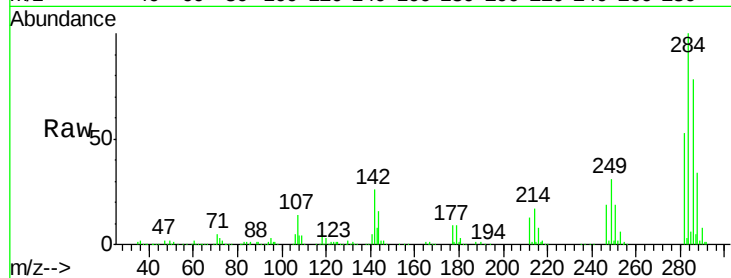
#67
Hexachlorobenzene
Concen: 42.01 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.9	29.5	44.3#
249	30.6	19.5	29.3#

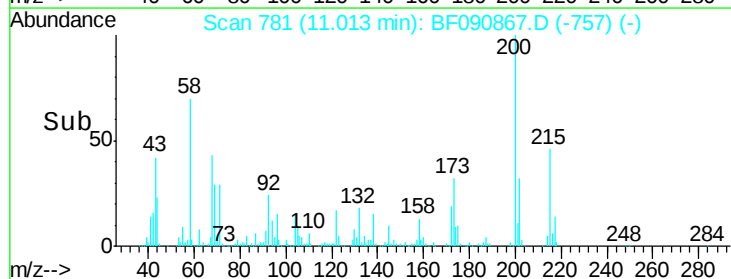
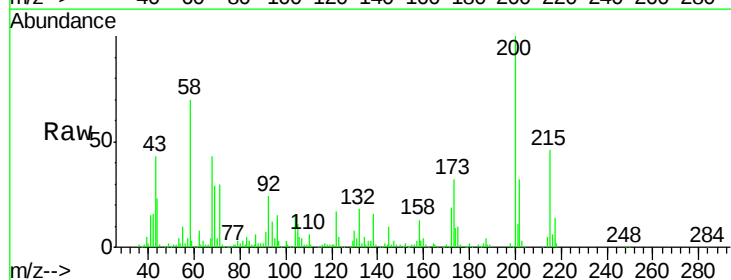
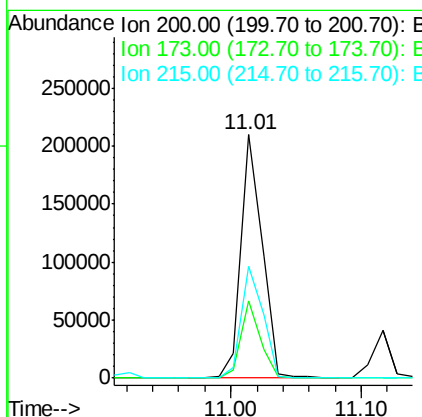
Manual Integrations
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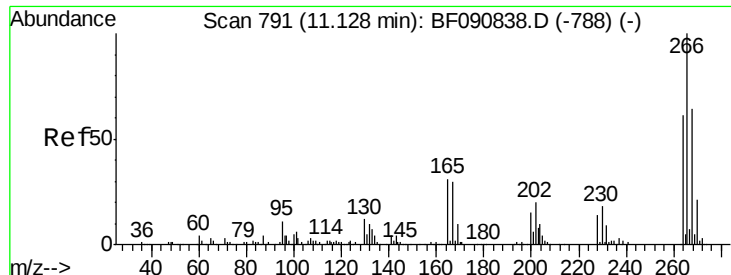
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#68
Atrazine
Concen: 34.53 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	31.6	13.2	53.2
215	45.9	41.8	81.8





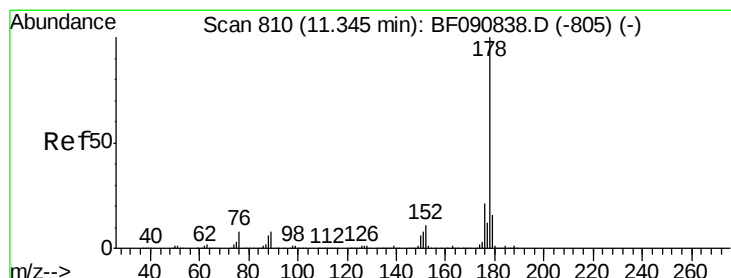
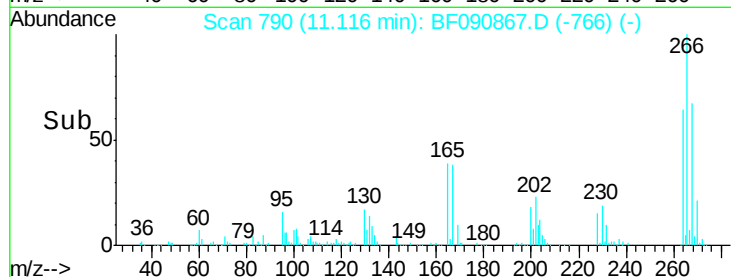
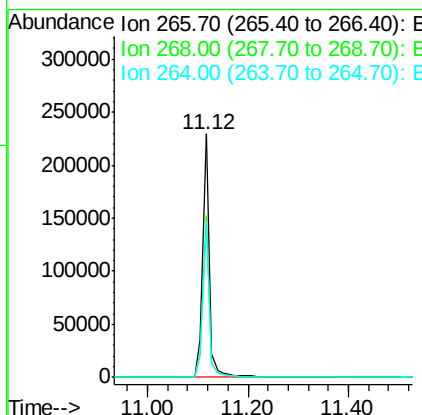
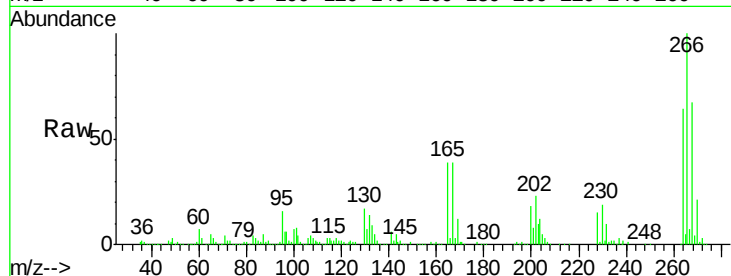
#69
 Pentachlorophenol
 Concen: 42.47 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	49.8	74.6
264	64.0	50.2	75.2

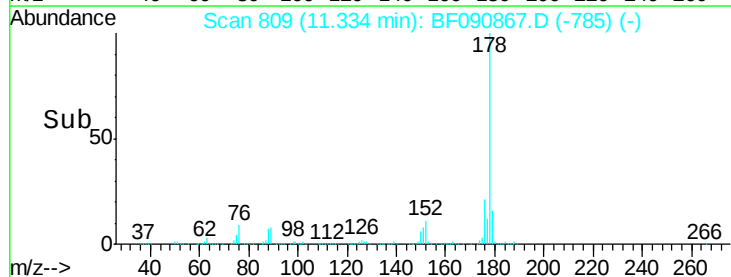
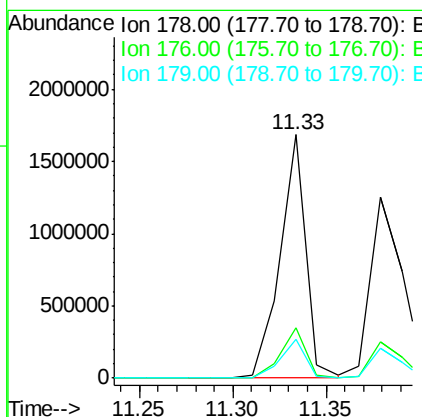
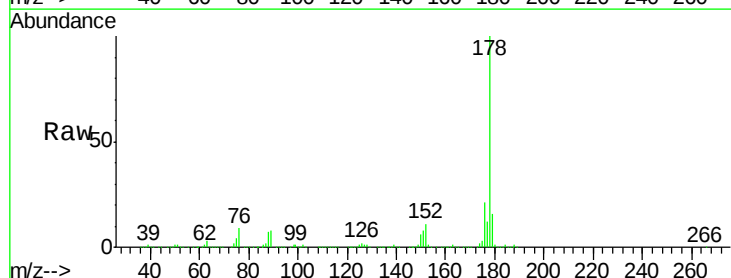
Manual Integrations
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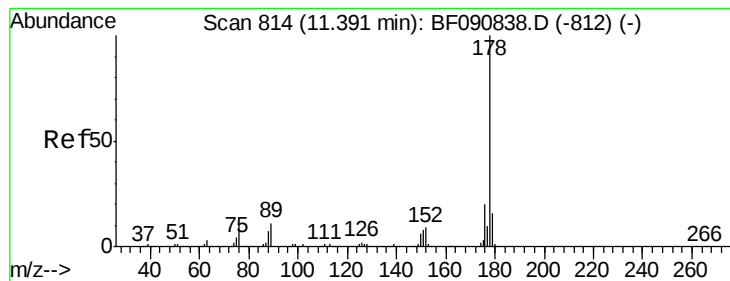
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#70
 Phenanthrene
 Concen: 43.96 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.8	20.8
179	16.0	12.2	18.2





#71

Anthracene

Concen: 39.64 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1536256

Ion Ratio Lower Upper

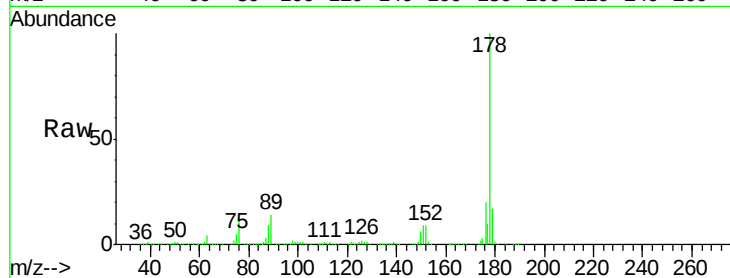
178 100

176 20.0 14.1 21.1

179 16.5 12.2 18.2

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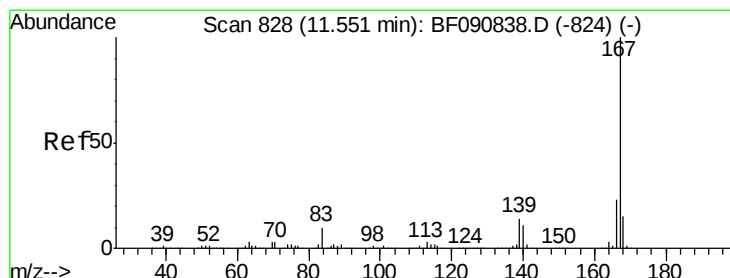
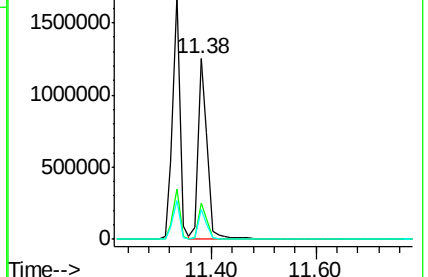
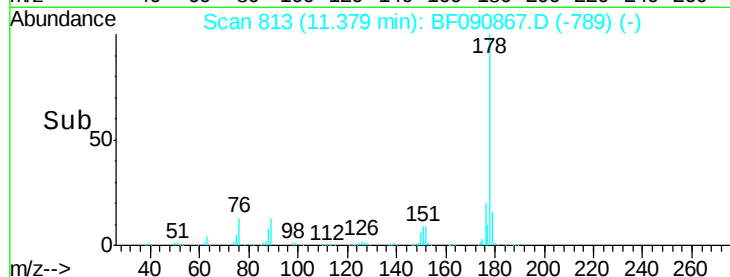
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.31 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

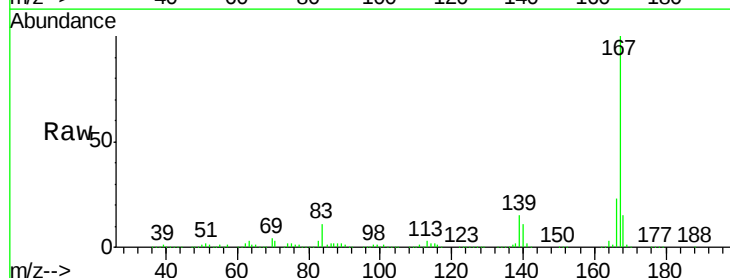
Tgt Ion:167 Resp: 1414088

Ion Ratio Lower Upper

167 100

166 23.0 15.7 23.5

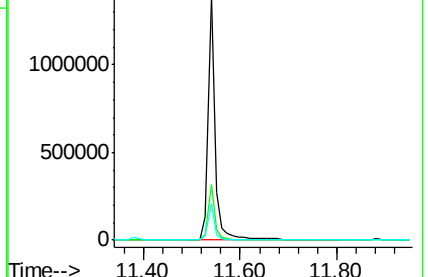
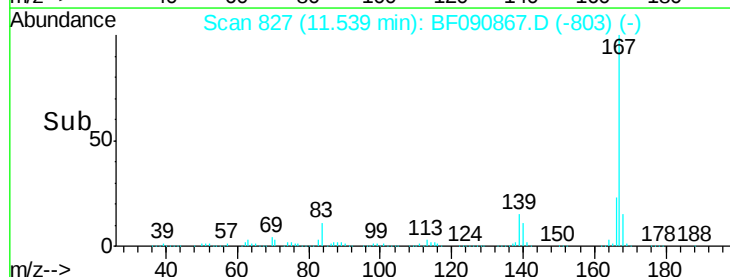
139 15.0 9.5 14.3#

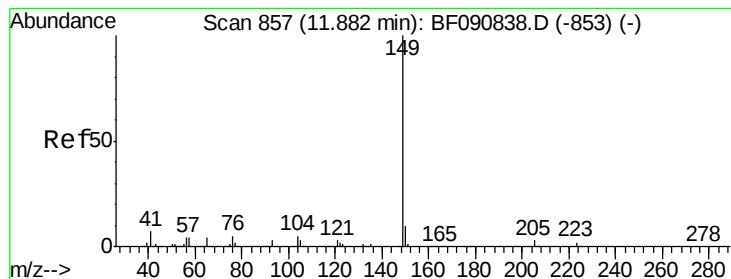


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.18 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1861018

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

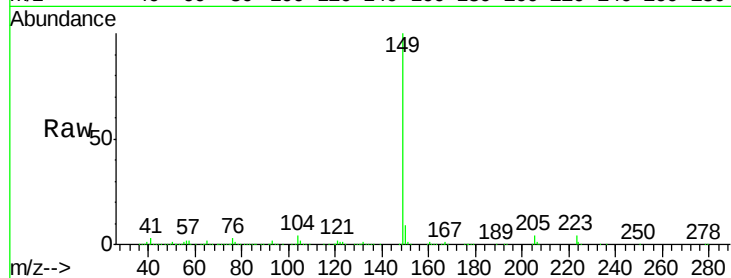
104 3.7 2.4 3.6#

Manual Integrations

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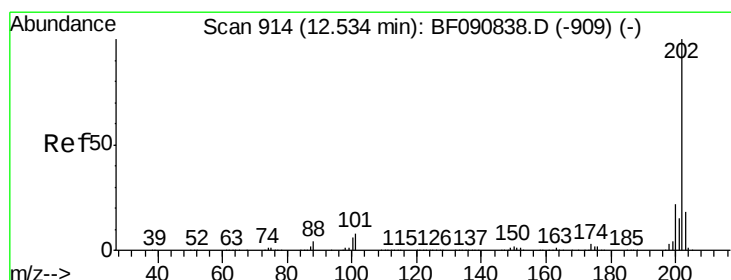
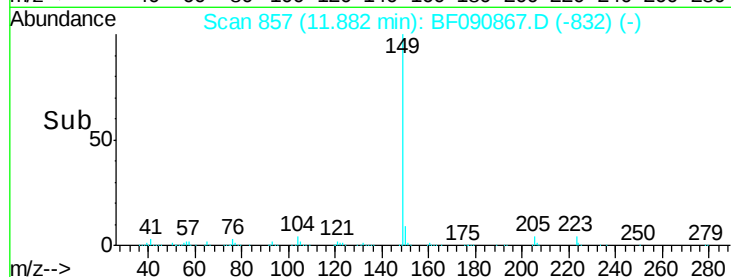
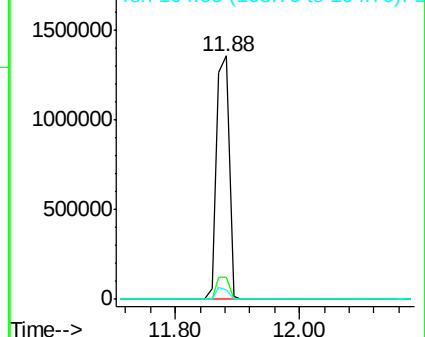
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.22 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

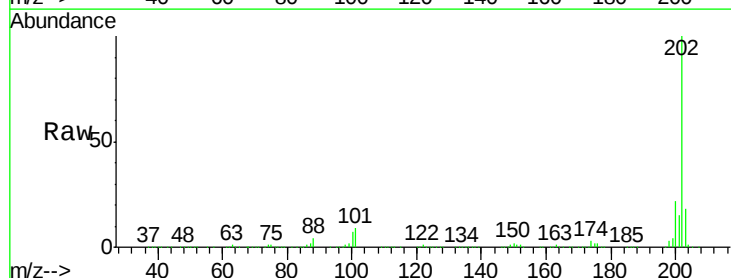
Tgt Ion:202 Resp: 1702008

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

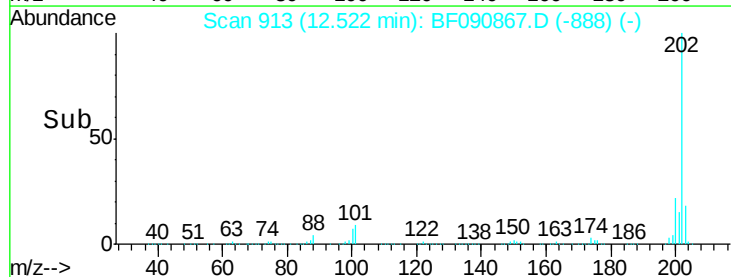
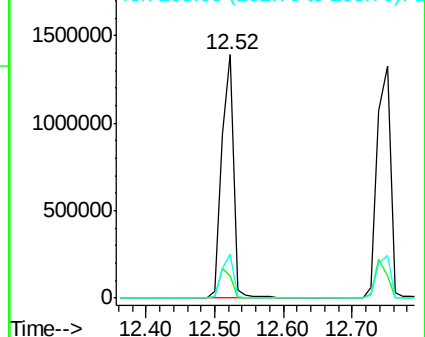
203 18.0 0.0 37.3

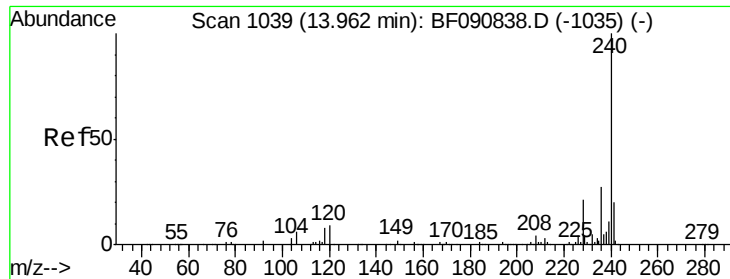


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

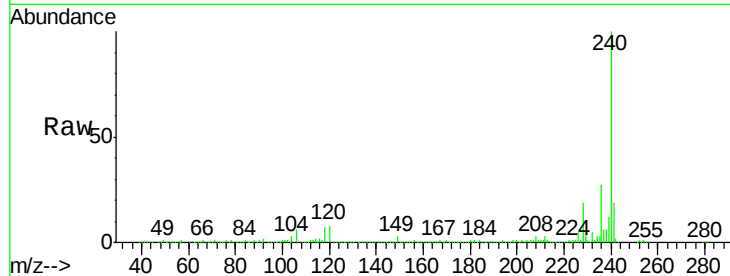
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	16.2	24.2#
236	27.1	18.4	27.6

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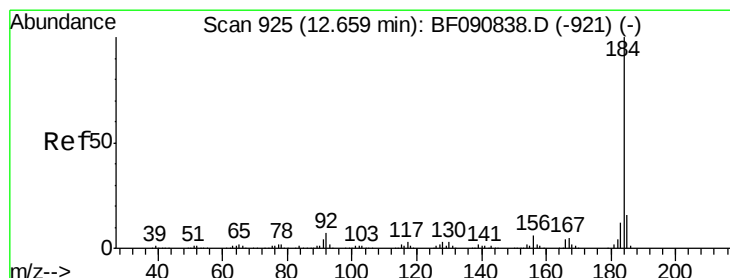
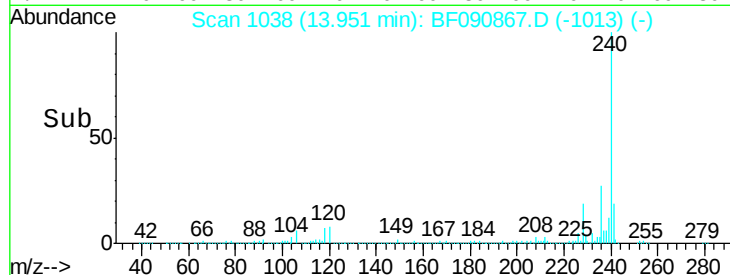
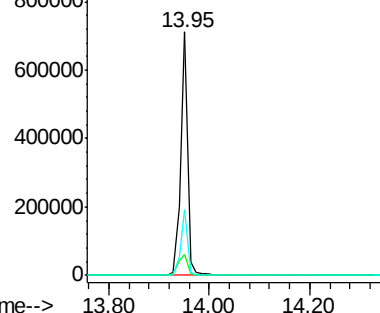
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.03 ng

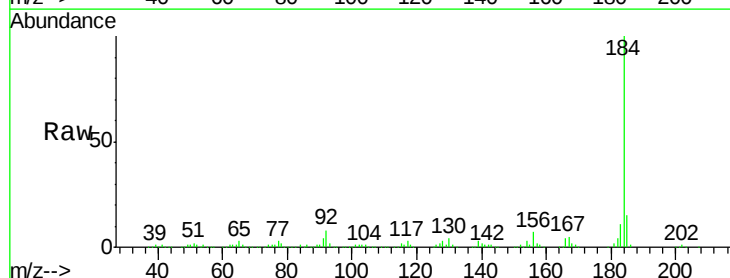
RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

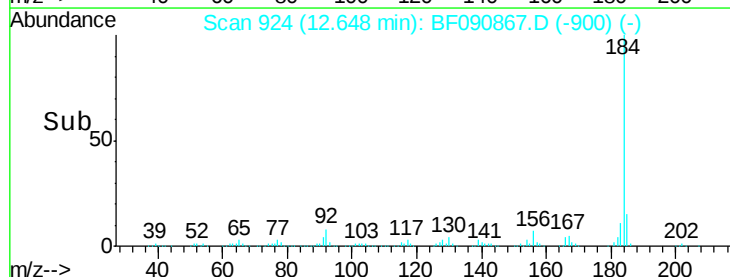
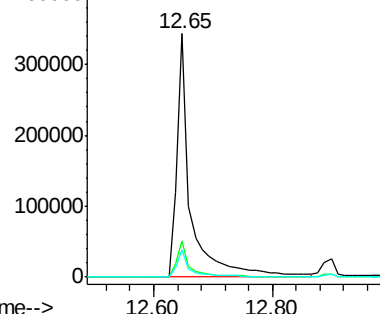
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.4	7.6	11.4#

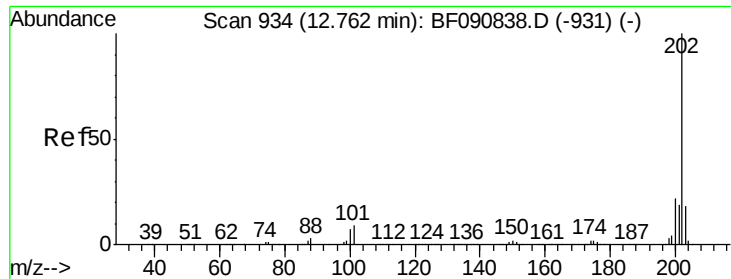


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





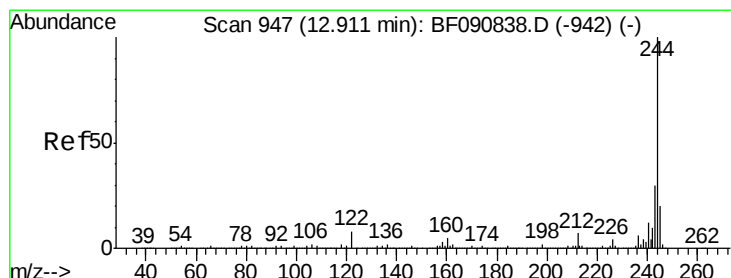
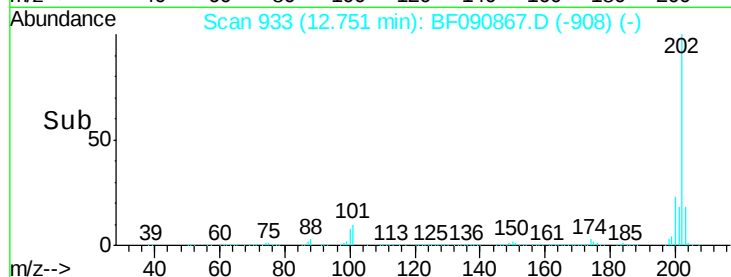
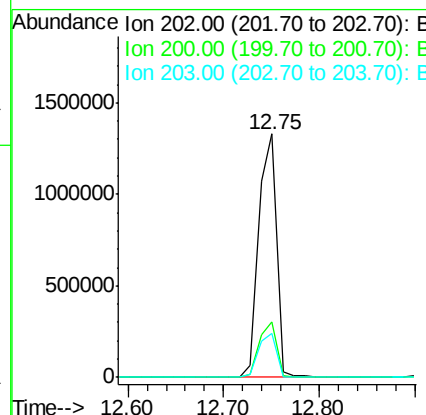
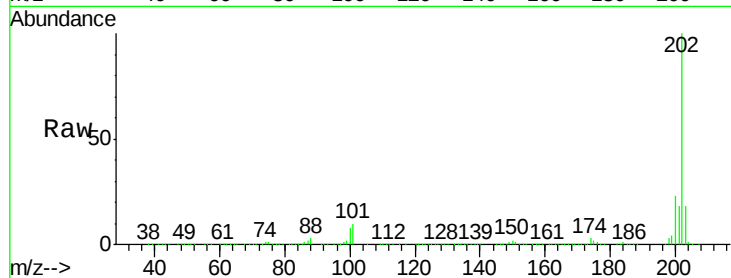
#77
Pvrene
Concen: 40.07 ng/mL
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	15.0	22.4#
203	18.2	14.1	21.1

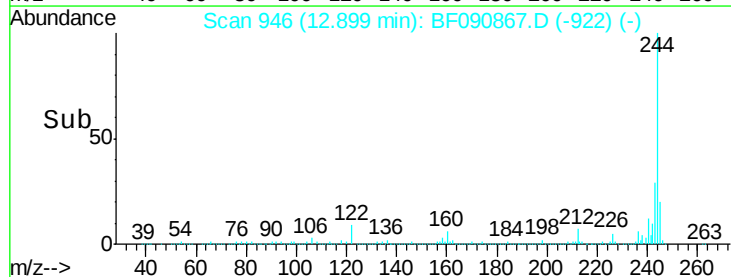
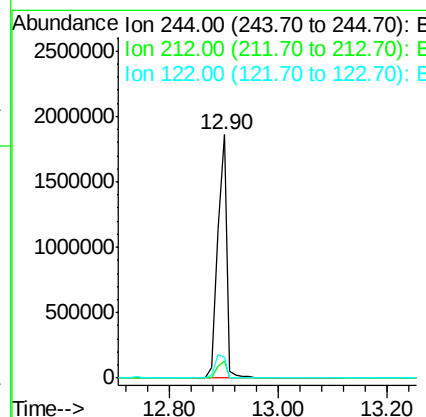
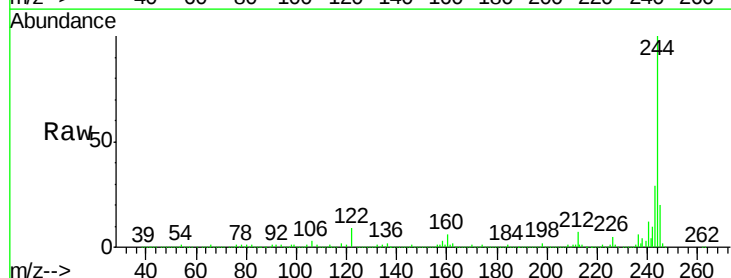
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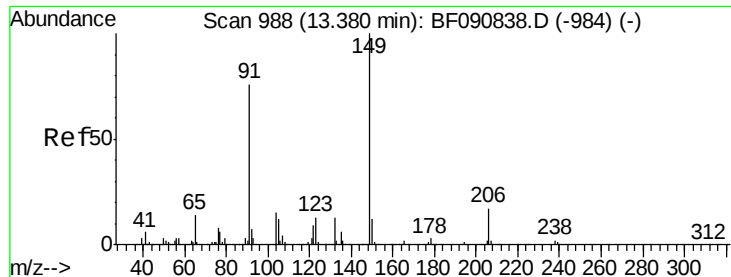
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#78
Terphenyl-d14
Concen: 81.41 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	8.8	17.4	26.2#





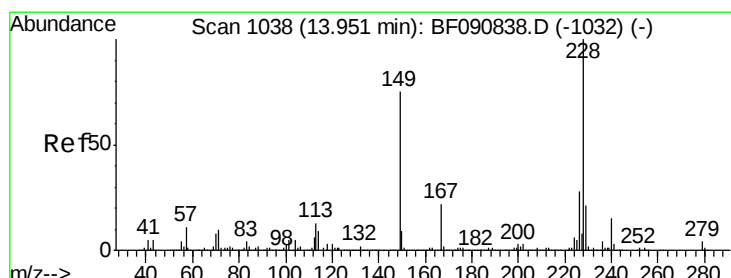
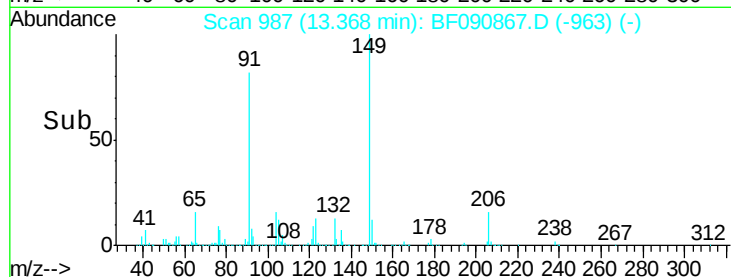
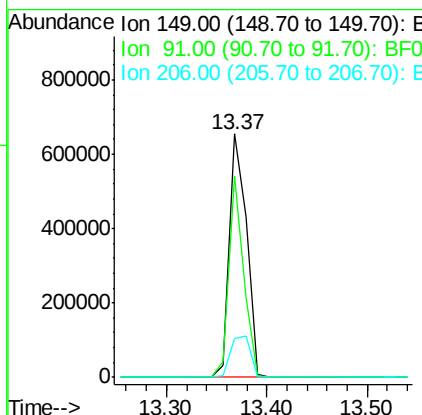
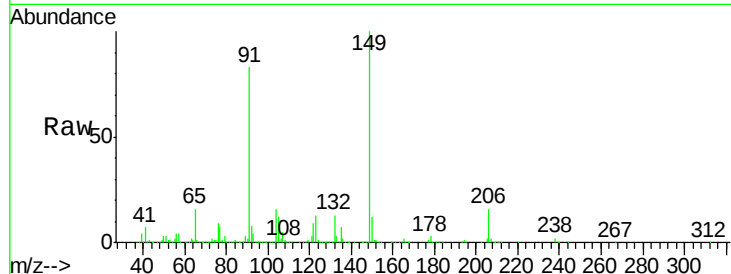
#79
Butylbenzylphthalate
Concen: 39.77 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.6	48.6	72.8
206	15.8	14.9	22.3

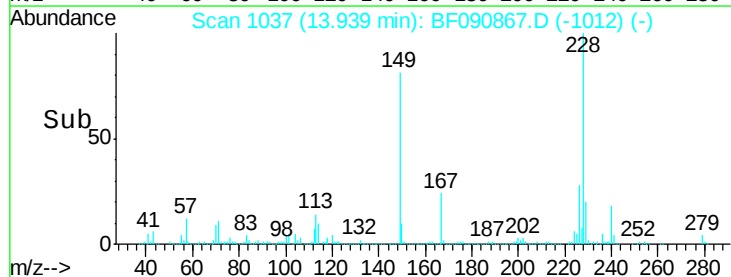
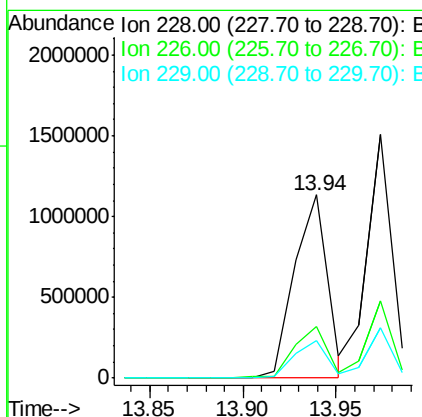
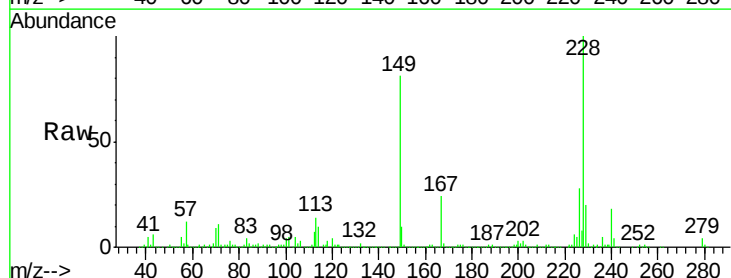
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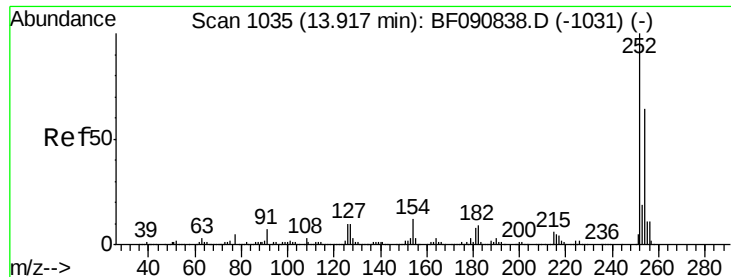
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#80
Benzo(a)anthracene
Concen: 38.67 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090867.D
Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.0	30.0
229	20.2	15.4	23.2





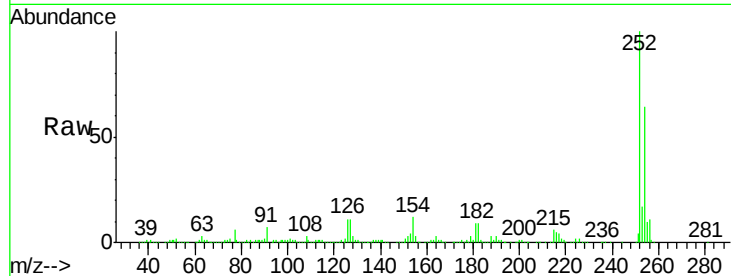
#81
 3,3'-Dichlorobenzidine
 Concen: 40.14 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

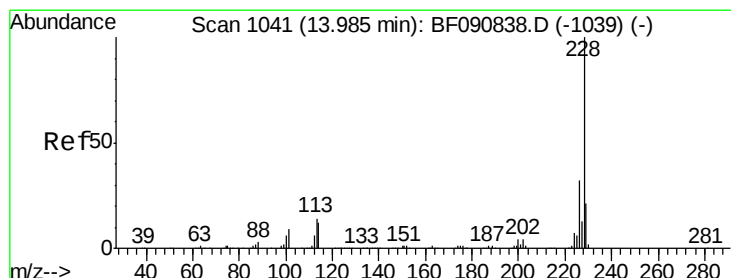
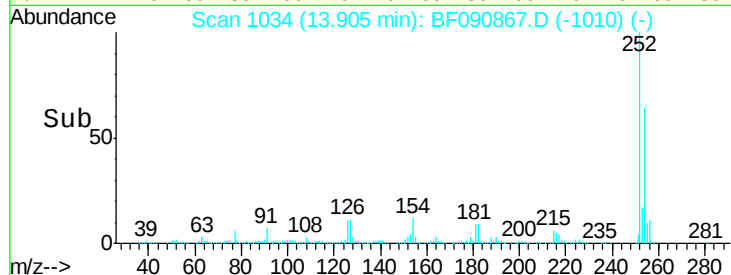
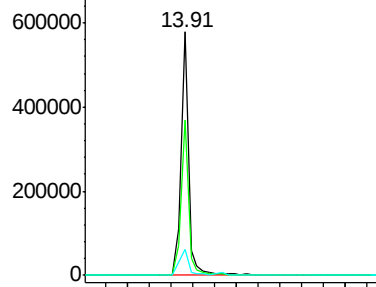
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.4	77.2
126	10.6	16.4	24.6

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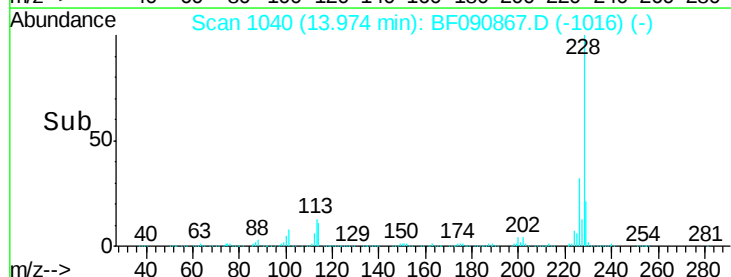
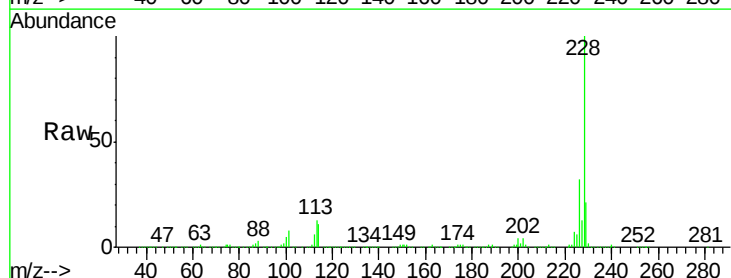
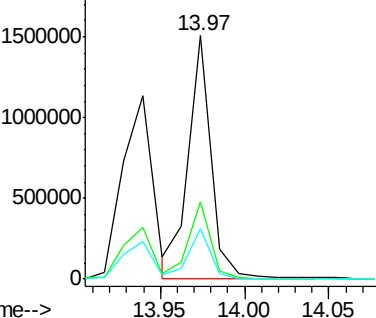
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

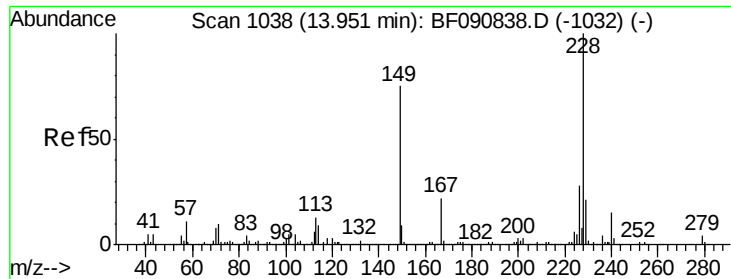


#82
 Chrysene
 Concen: 39.24 ng m
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	21.0	31.4
229	20.5	15.6	23.4

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





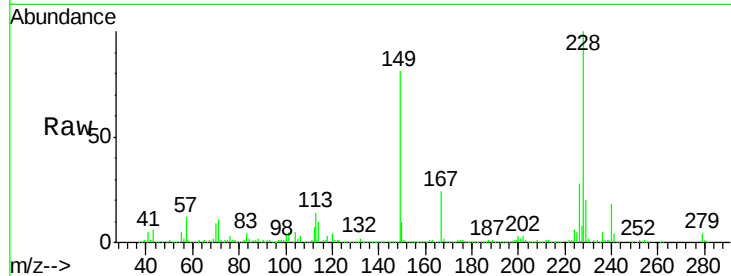
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.48 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

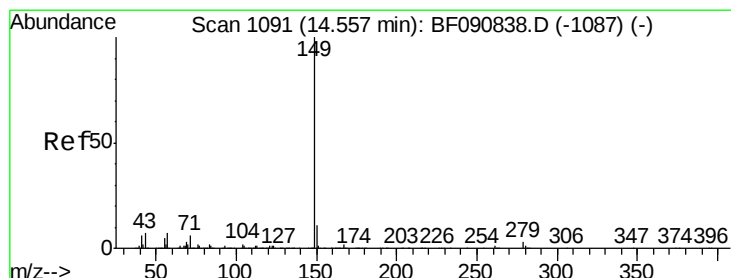
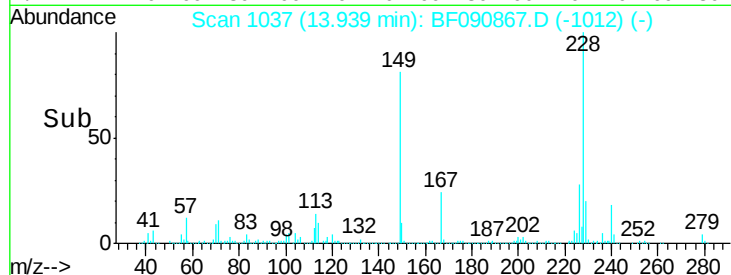
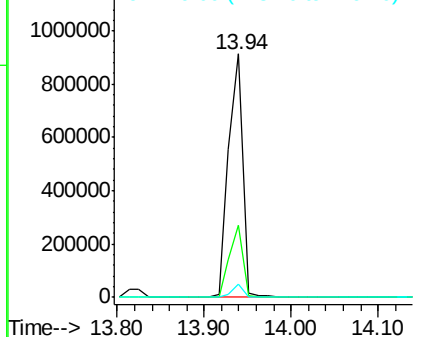
Tot Ion:149 Resp: 1035555
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.2 36.2
 279 5.2 3.8 5.6

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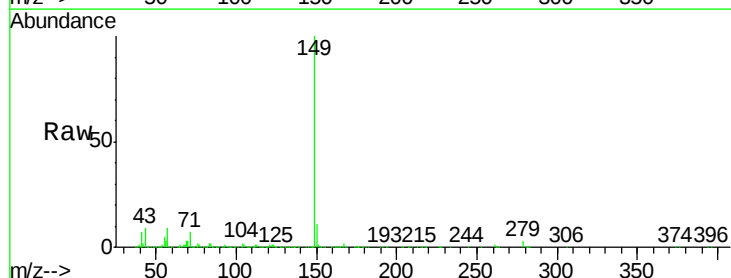


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

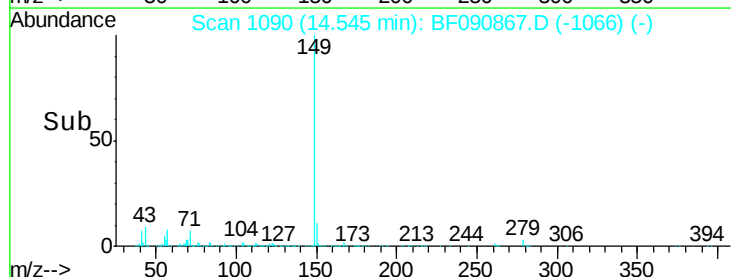
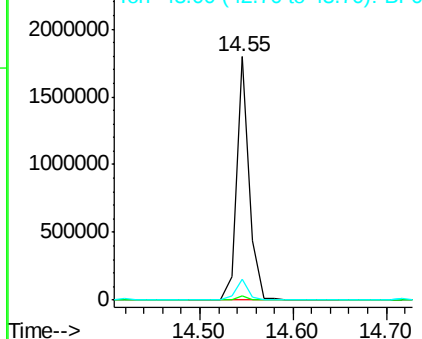


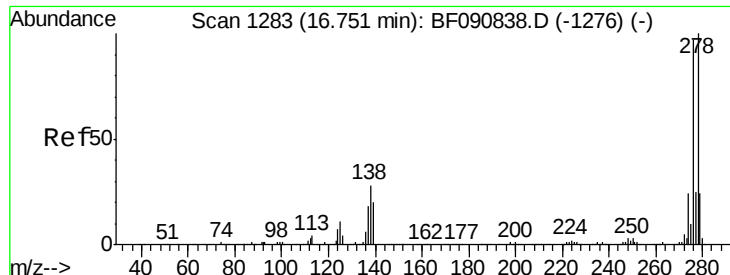
#84
 Di-n-octyl phthalate
 Concen: 38.94 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion:149 Resp: 1672464
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.7 10.2 15.2#



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





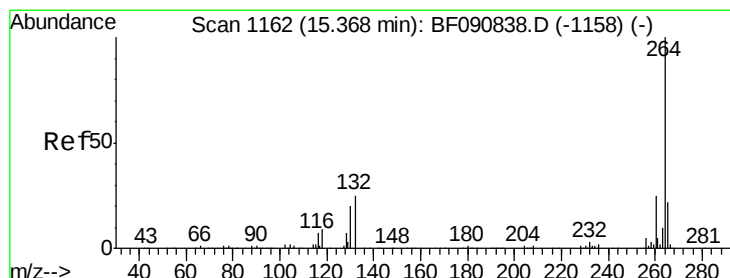
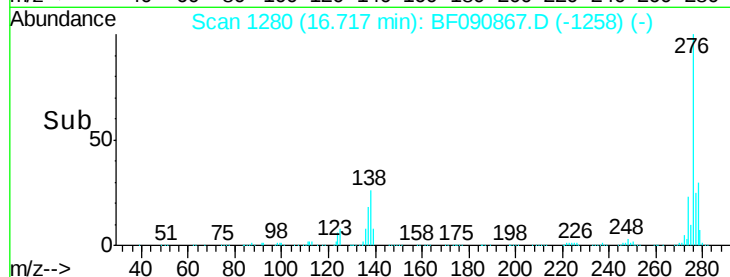
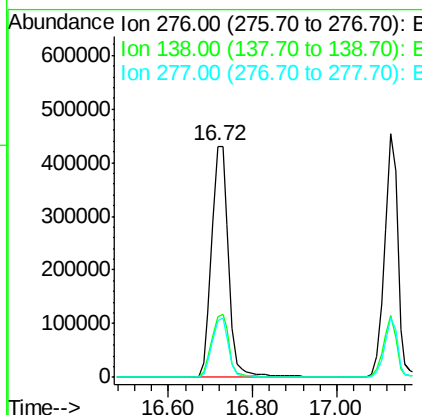
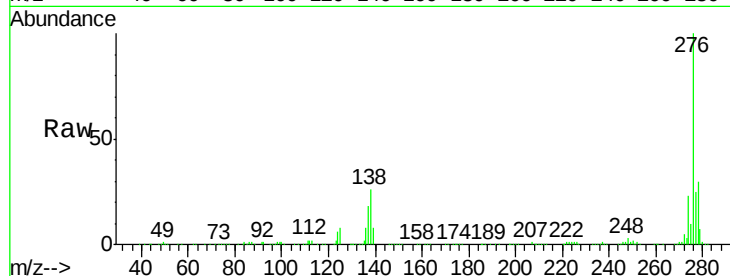
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.44 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. -0.05 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1218448
 Ion Ratio Lower Upper
 276 100
 138 28.4 25.7 38.5
 277 25.3 15.6 23.4#

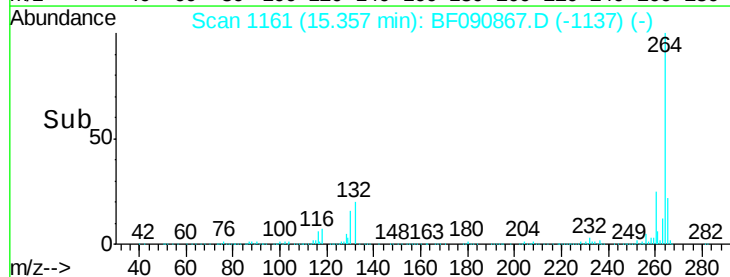
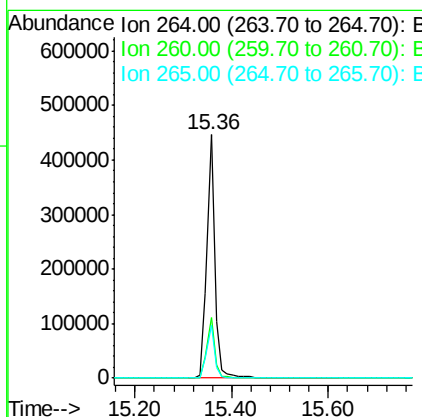
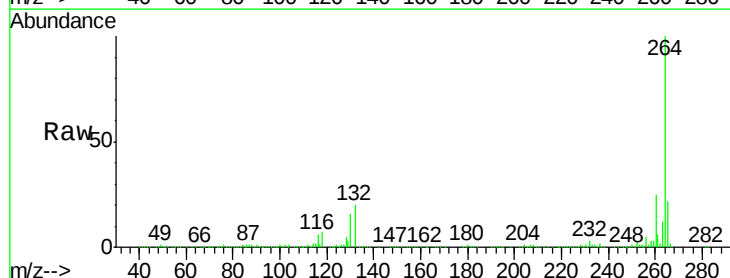
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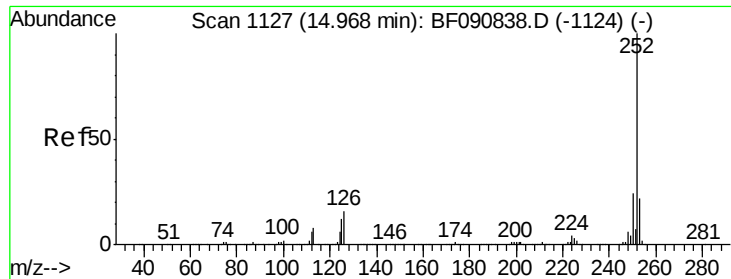
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Tgt Ion:264 Resp: 522382
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 35.94 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

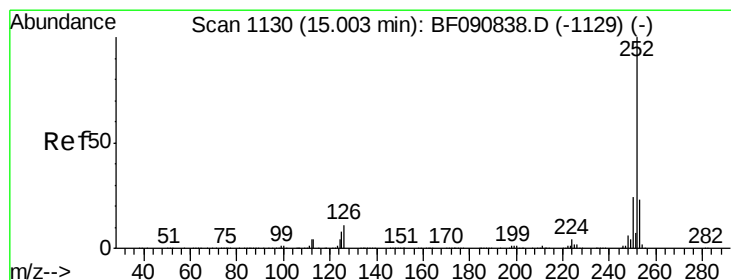
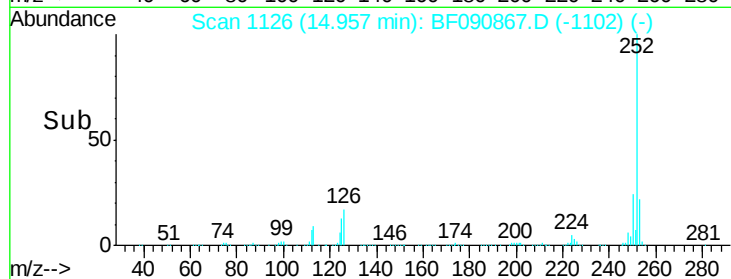
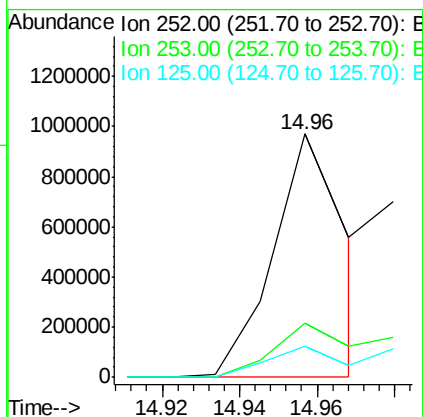
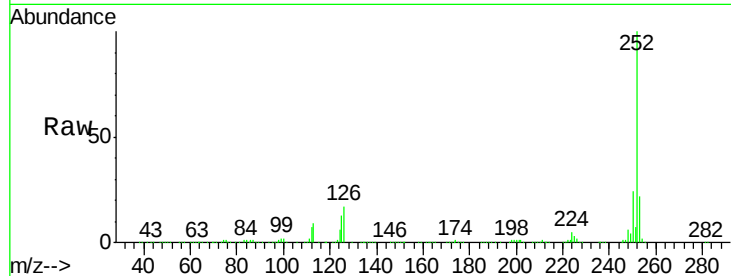
SSTDCCC040

Tot Ion:252 Resp: 1262436

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.8	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 50.45 ng m

RT: 14.99 min Scan# 1129

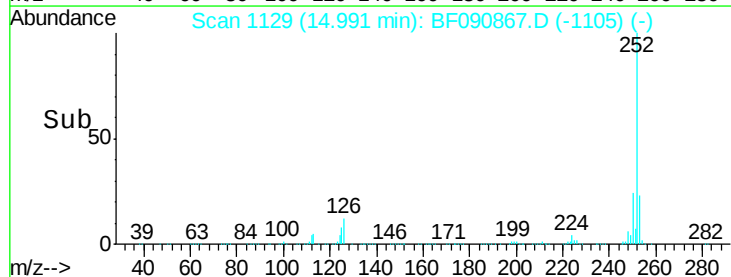
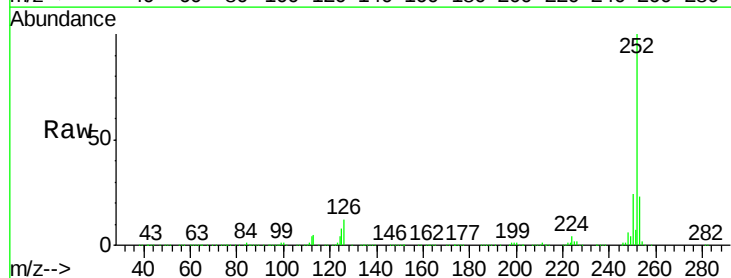
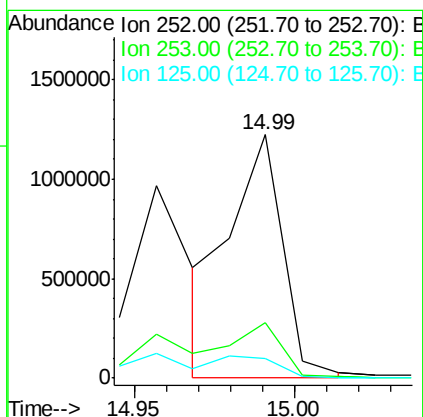
Delta R.T. -0.02 min

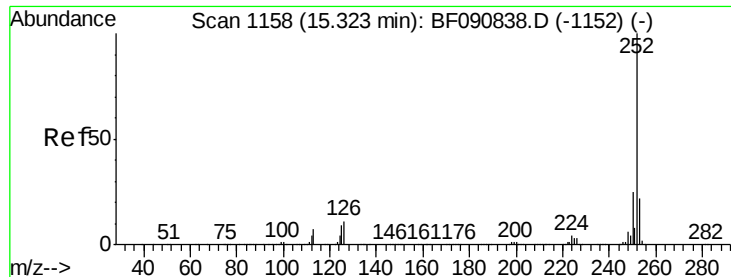
Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Tgt Ion:252 Resp: 1400587

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	8.2	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 39.88 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1203756

Ion Ratio Lower Upper

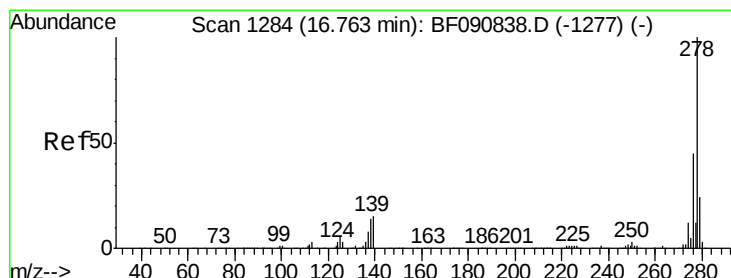
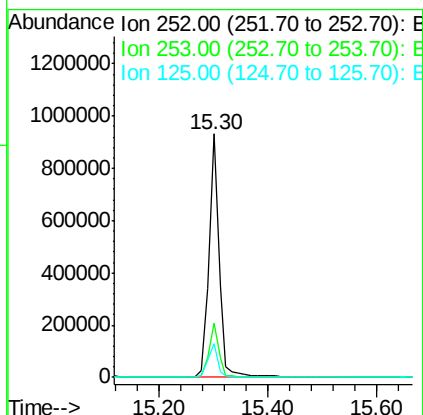
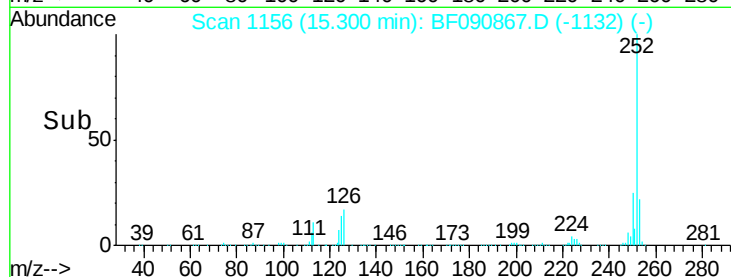
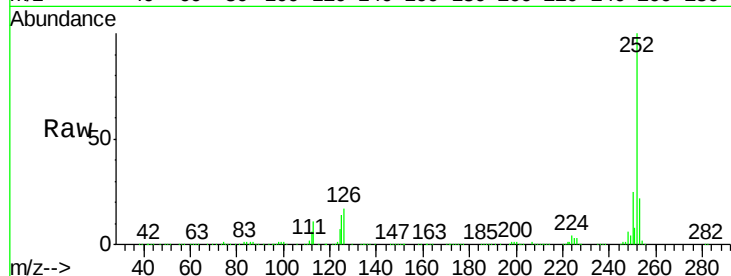
252 100

253 22.1 17.2 25.8

125 13.7 18.0 27.0#

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#90

Dibenzo(a,h)anthracene

Concen: 41.50 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BF090867.D

Acq: 27 Oct 2016 11:59

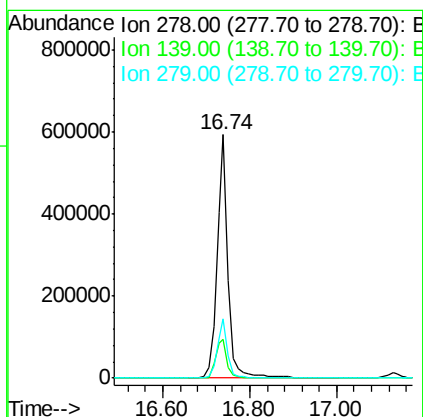
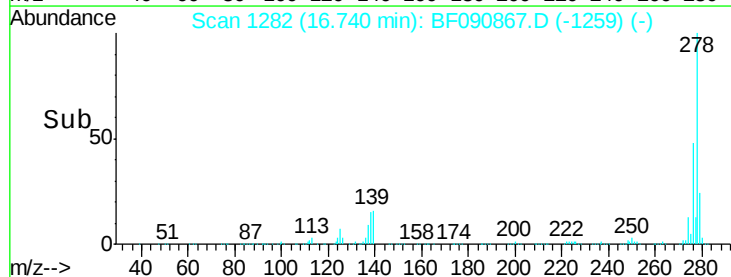
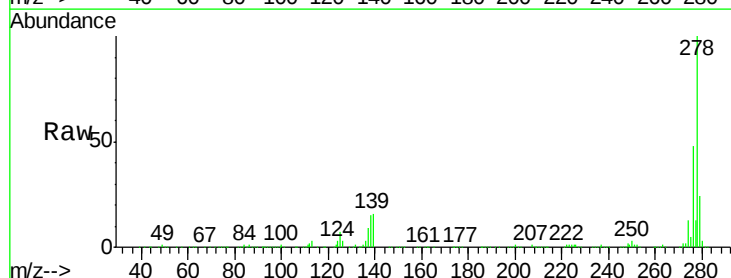
Tgt Ion:278 Resp: 1060452

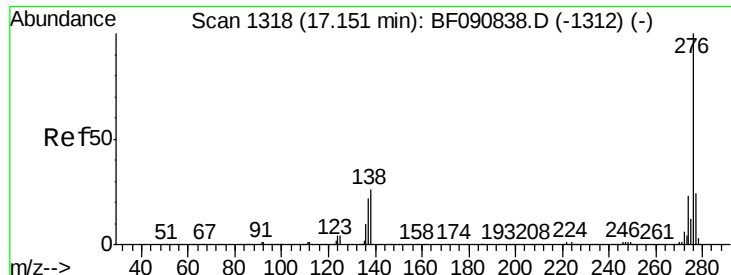
Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

279 24.5 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.27 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF090867.D
 Acq: 27 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	17.8	26.6
138	25.6	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/28/2016 5:22:28 PM

